

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111414.D
 Acq On : 14 Dec 2018 13:06
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121418

Manual Integrations
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 12/17/2018 2:36:17 PM

Quant Time: Dec 14 13:34:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	199863	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	848857	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	410341	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	733764	20.00	ng	0.00
76) Chrysene-d12	13.96	240	588277	20.00	ng	0.00
87) Perylene-d12	15.39	264	489048	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	978825	81.50	ng	0.00
7) Phenol-d6	6.44	99	1241864	77.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	1177915	82.63	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	283643	77.17	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2099253	79.02	ng	0.00
79) Terphenyl-d14	12.90	244	1864932	74.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	223911	38.600	ng	97
3) Pyridine	3.23	79	595892	40.901	ng	93
4) n-Nitrosodimethylamine	3.17	42	273180	41.281	ng	86
6) Aniline	6.46	93	767479	38.728	ng	# 74
8) 2-Chlorophenol	6.59	128	566407	39.469	ng	94
9) Benzaldehyde	6.34	77	359587	37.108	ng	99
10) Phenol	6.45	94	697253	39.178	ng	# 73
11) bis(2-Chloroethyl)ether	6.53	93	550737	39.476	ng	97
12) 1,3-Dichlorobenzene	6.73	146	611543	38.712	ng	99
13) 1,4-Dichlorobenzene	6.81	146	622093	38.798	ng	98
14) 1,2-Dichlorobenzene	6.97	146	583738	38.698	ng	98
15) Benzyl Alcohol	6.94	79	479017	39.405	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1067911	39.204	ng	99
17) 2-Methylphenol	7.06	107	442651	38.327	ng	95
18) Hexachloroethane	7.31	117	230421	38.614	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	400194	37.968	ng	90
20) 3+4-Methylphenols	7.21	107	557809	38.503	ng	# 86
22) Acetophenone	7.20	105	771019	40.689	ng	# 93
24) Nitrobenzene	7.37	77	585606	40.271	ng	99
25) Isophorone	7.62	82	959485	39.780	ng	98
26) 2-Nitrophenol	7.69	139	309573	41.051	ng	100
27) 2,4-Dimethylphenol	7.74	122	447289	40.913	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	660388	39.661	ng	99
29) 2,4-Dichlorophenol	7.94	162	467551	40.062	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	479855	39.277	ng	99
31) Naphthalene	8.10	128	1553727	39.134	ng	96
32) Benzoic acid	7.86	122	389261m	41.203	ng	
33) 4-Chloroaniline	8.15	127	675573	38.266	ng	99
34) Hexachlorobutadiene	8.22	225	271089	40.275	ng	97
35) Caprolactam	8.53	113	170534m	39.357	ng	
36) 4-Chloro-3-methylphenol	8.64	107	508769	39.605	ng	99
37) 2-Methylnaphthalene	8.79	142	1020356	37.979	ng	99
38) 1-Methylnaphthalene	8.89	142	976589	37.627	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	438643	38.979	ng	98

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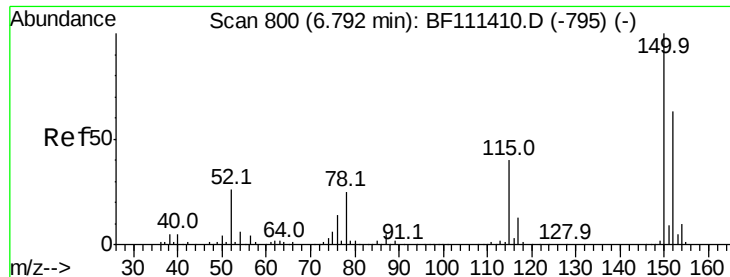
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	239992	41.538	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	314495	39.487	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	336012	39.646	nq	96
46) 1,1'-Biphenyl	9.26	154	1354641	38.961	nq	94
47) 2-Chloronaphthalene	9.28	162	1032440	39.066	nq	97
48) 2-Nitroaniline	9.37	65	335747	39.127	nq	95
49) Acenaphthylene	9.69	152	1538607	39.221	nq	96
50) Dimethylphthalate	9.56	163	1164577	39.408	nq	99
51) 2,6-Dinitrotoluene	9.62	165	266858	40.118	nq	93
52) Acenaphthene	9.87	154	968782	39.072	nq	98
53) 3-Nitroaniline	9.79	138	315743	39.079	nq	94
54) 2,4-Dinitrophenol	9.89	184	98002	38.725	nq	94
55) Dibenzofuran	10.04	168	1412927	39.259	nq	96
56) 4-Nitrophenol	9.96	139	232031	41.498	nq	91
57) 2,4-Dinitrotoluene	10.02	165	351178	40.223	nq	95
58) Fluorene	10.38	166	1019685	39.061	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	262052	39.574	nq	99
60) Diethylphthalate	10.26	149	1176465	39.301	nq	97
61) 4-Chlorophenyl-phenylether	10.37	204	498019	38.993	nq	99
62) 4-Nitroaniline	10.40	138	315179	39.406	nq	99
63) Azobenzene	10.53	77	1133934	38.424	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	161434	38.971	nq	92
66) n-Nitrosodiphenylamine	10.49	169	993362	39.258	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	302053	38.194	nq	98
68) Hexachlorobenzene	10.93	284	317132	38.983	nq	99
69) Atrazine	11.02	200	292653	40.020	nq	96
70) Pentachlorophenol	11.12	266	198101	39.702	nq	96
71) Phenanthrene	11.34	178	1480174	39.148	nq	95
72) Anthracene	11.39	178	1510517	39.065	nq	95
73) Carbazole	11.55	167	1567391	39.199	nq	97
74) Di-n-butylphthalate	11.88	149	1776486	39.893	nq	97
75) Fluoranthene	12.53	202	1486896	40.198	nq	98
77) Benzidine	12.64	184	761103	35.195	nq	98
78) Pyrene	12.76	202	1558735	37.582	nq	97
80) Butylbenzylphthalate	13.37	149	763803	37.781	nq	96
81) Benzo(a)anthracene	13.94	228	1228255	38.399	nq	98
82) 3,3'-Dichlorobenzidine	13.90	252	478448	36.794	nq	96
83) Chrysene	13.98	228	1248813	37.061	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	992643	38.442	nq	98
85) Di-n-octyl phthalate	14.56	149	1731933	39.765	nq	98
86) Indeno(1,2,3-cd)pyrene	16.81	276	852679	35.061	nq	96
88) Benzo(b)fluoranthene	14.98	252	1068257	37.467	nq	99
89) Benzo(k)fluoranthene	15.01	252	1124968	41.293	nq	99
90) Benzo(a)pyrene	15.34	252	1001054	38.934	nq	# 96
91) Dibenzo(a,h)anthracene	16.83	278	729846	35.985	nq	97
92) Benzo(g,h,i)perylene	17.23	276	683308	34.323	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

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Instrument :

BNA_F

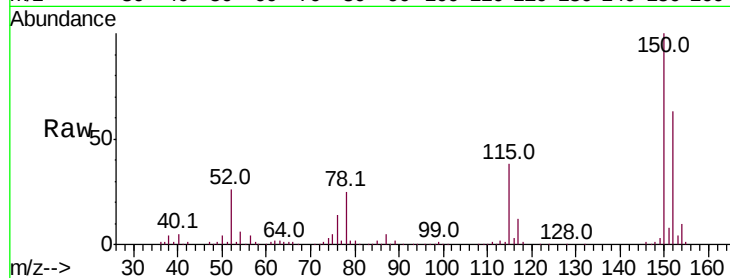
ClientSampleId :

ICVBF121418

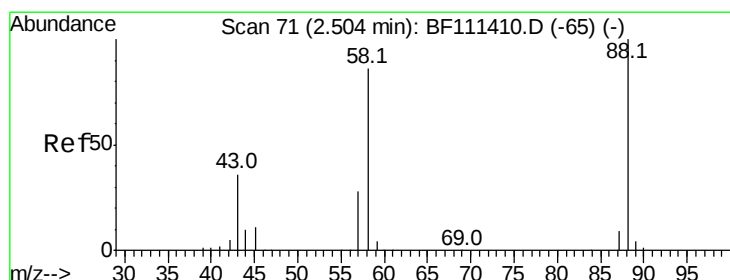
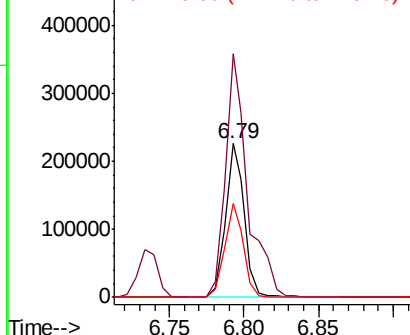
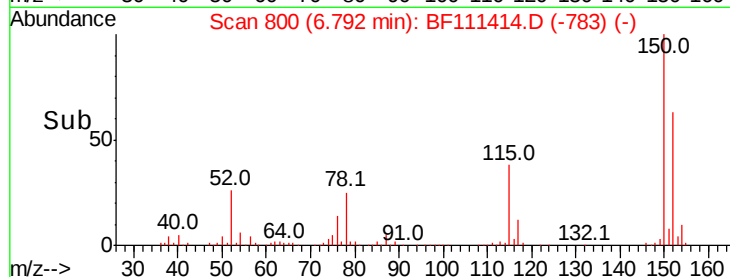
Tot Ion:	152	Resp:	199863
Ion Ratio	Lower	Upper	
152	100		
150	158.4	126.6	189.8
115	60.8	50.7	76.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.600 ng

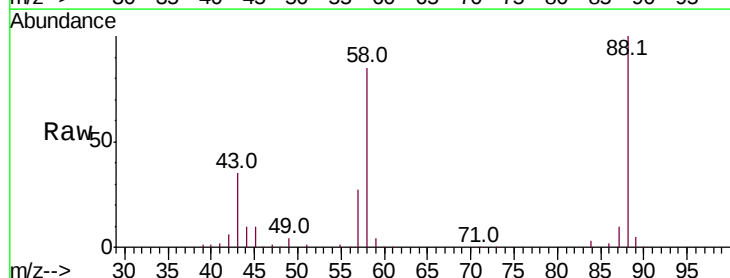
RT: 2.50 min Scan# 71

Delta R.T. 0.00 min

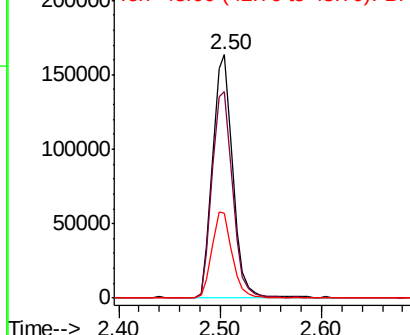
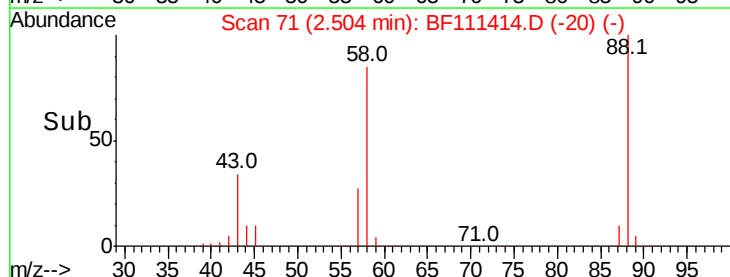
Lab File: BF111414.D

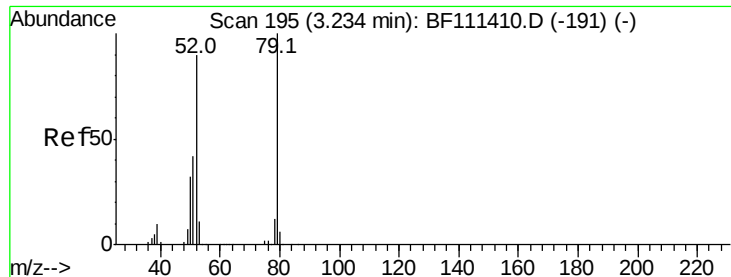
Acq: 14 Dec 2018 13:06

Tgt Ion:	88	Resp:	223911
Ion Ratio	Lower	Upper	
88	100		
58	87.1	68.9	103.3
43	35.8	25.8	38.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





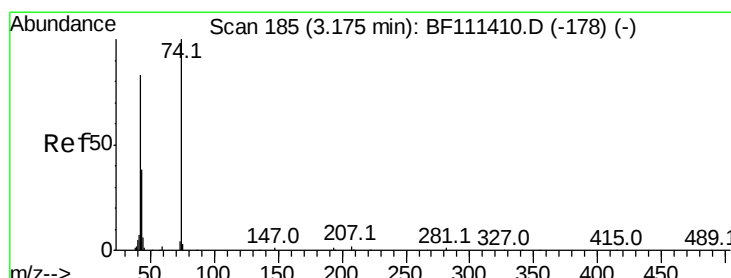
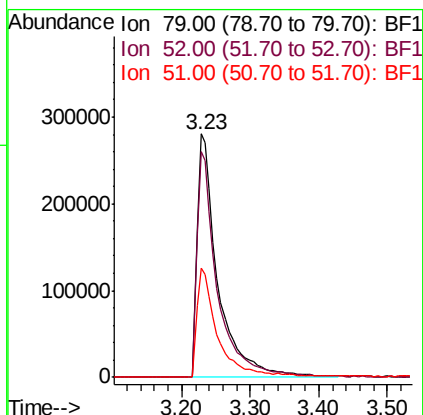
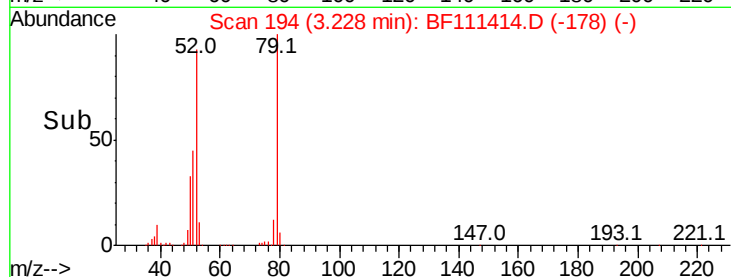
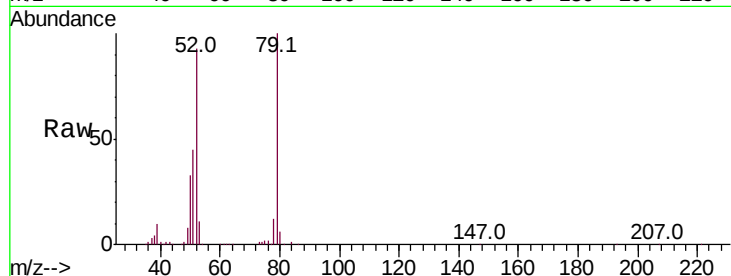
#3
 Pvridine
 Concen: 40.901 ng
 RT: 3.23 min Scan# 194
 Delta R.T. -0.01 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121418

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.5	68.3	102.5
51	44.9	32.6	49.0

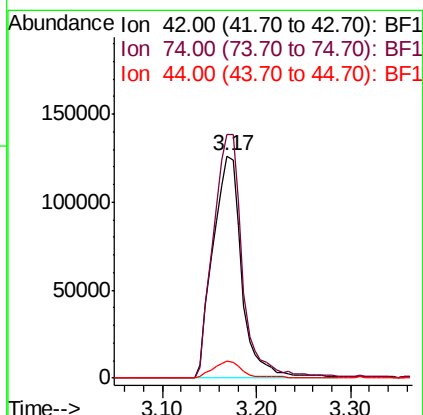
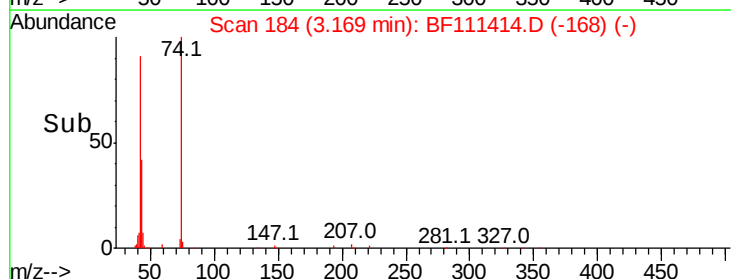
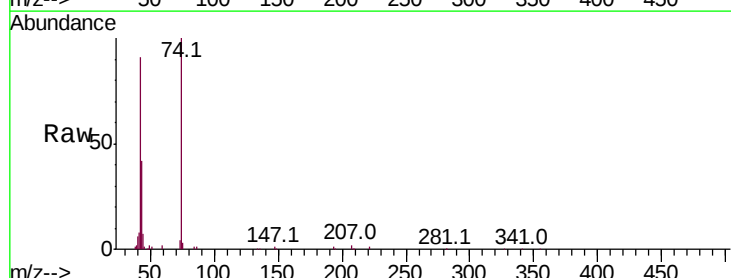
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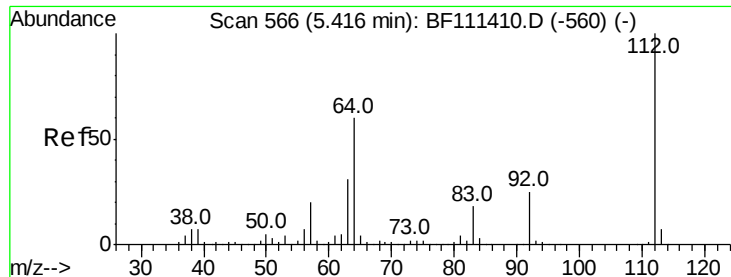
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#4
 n-Nitrosodimethylamine
 Concen: 41.281 ng
 RT: 3.17 min Scan# 184
 Delta R.T. -0.01 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.6	101.5	152.3
44	7.6	6.0	9.0





#5

2-Fluorophenol

Concen: 81.497 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

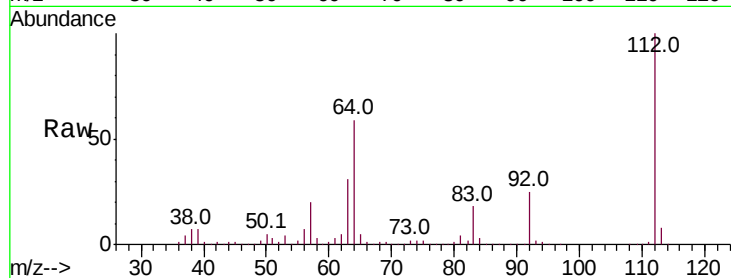
ClientSampleId :

ICVBF121418

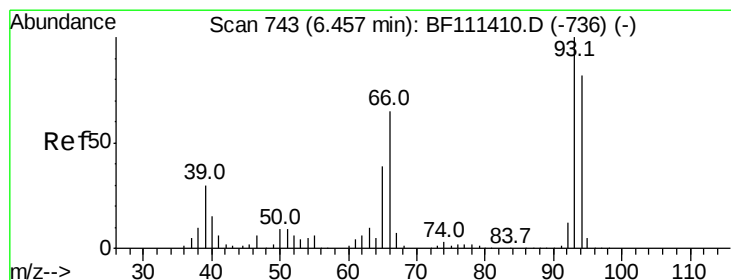
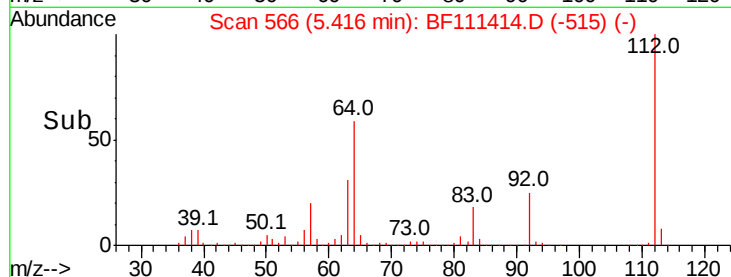
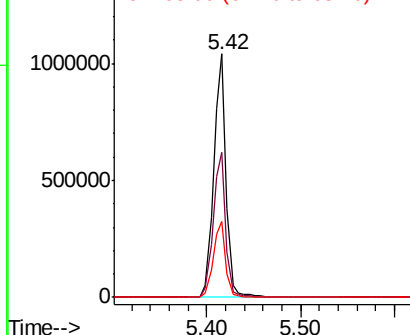
Tot Ion:	112	Resp:	978825
Ion Ratio	Lower	Upper	
112	100		
64	59.4	51.8	77.6
63	31.4	26.8	40.2

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.728 ng

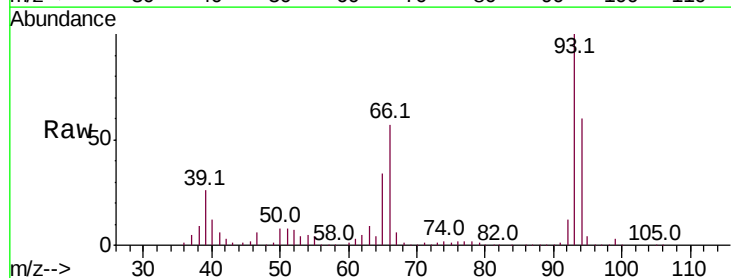
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

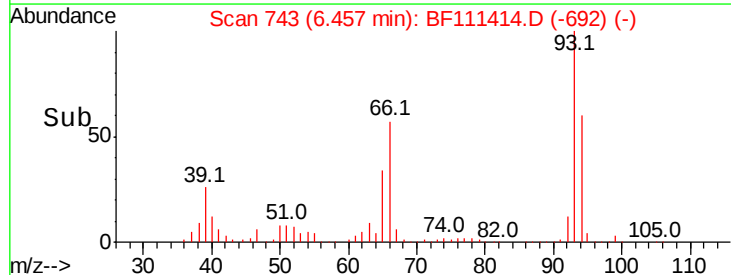
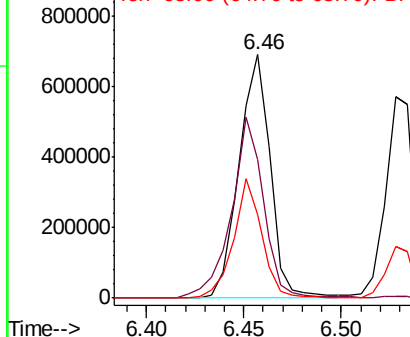
Lab File: BF111414.D

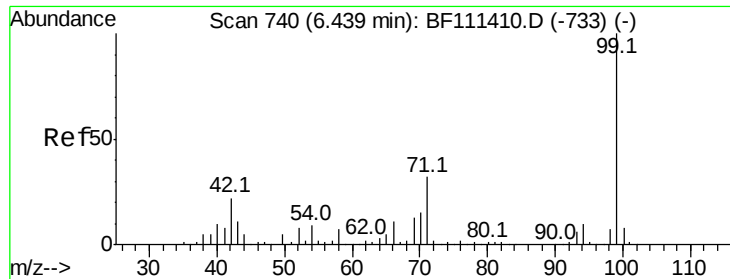
Acq: 14 Dec 2018 13:06

Tgt Ion:	93	Resp:	767479
Ion Ratio	Lower	Upper	
93	100		
66	56.8	33.2	49.8#
65	34.2	17.0	25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.732 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

ICVBF121418

Tot Ion: 99 Resp: 1241864

Ion Ratio Lower Upper

99 100

42 21.7 17.4 26.0

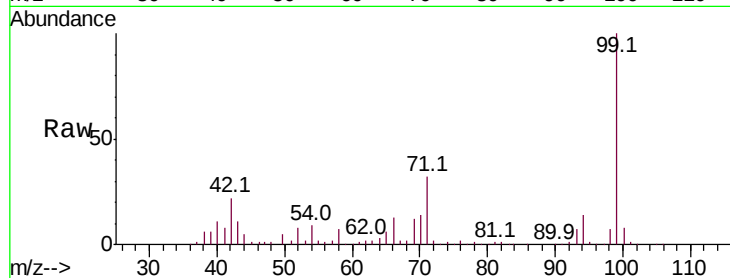
71 31.5 26.1 39.1

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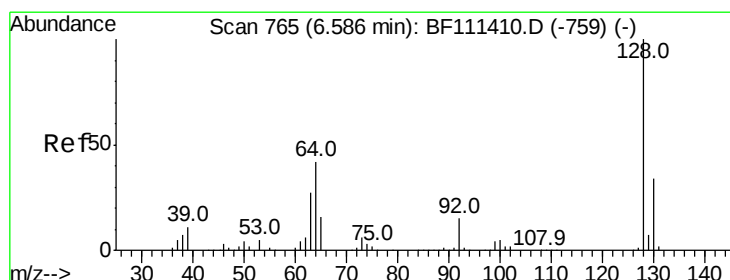
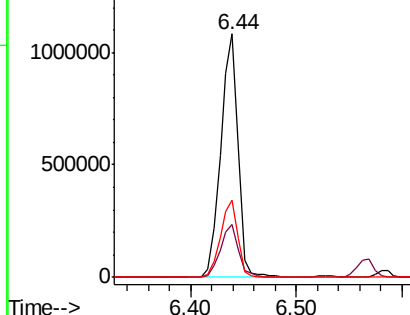
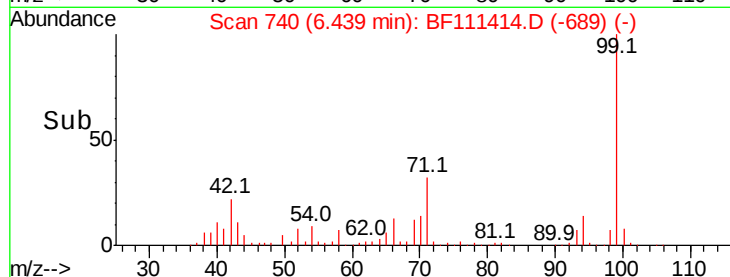
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.469 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

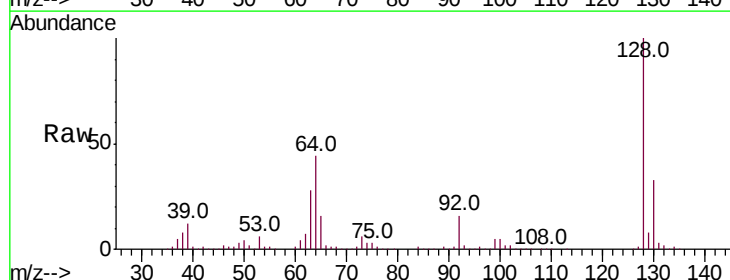
Tgt Ion: 128 Resp: 566407

Ion Ratio Lower Upper

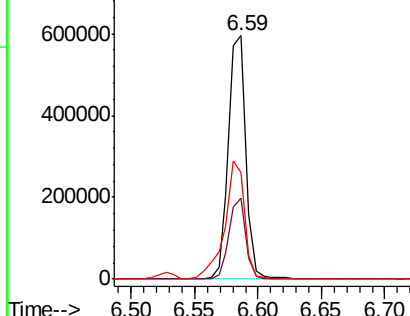
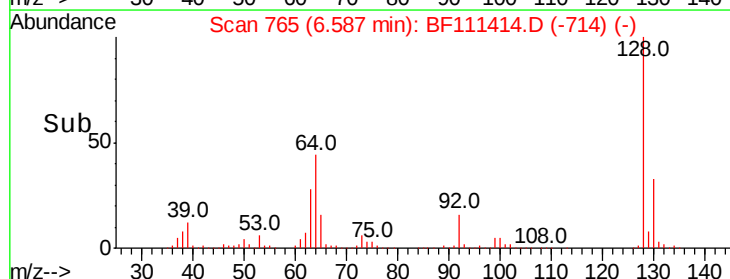
128 100

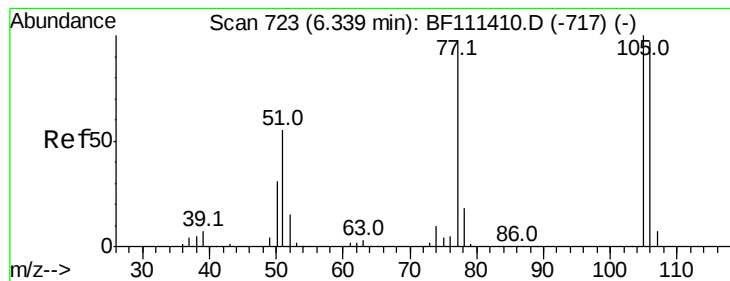
130 33.2 12.7 52.7

64 44.0 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.108 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

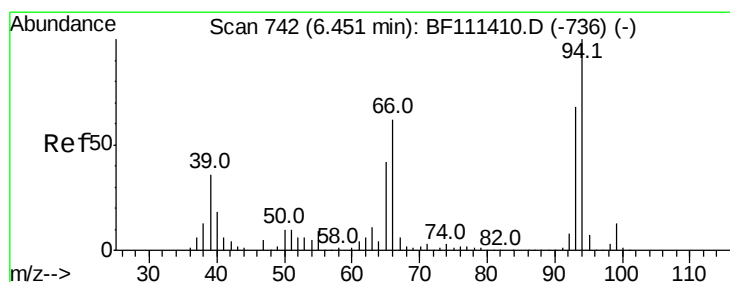
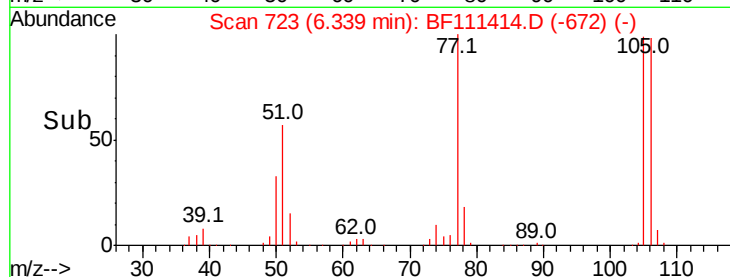
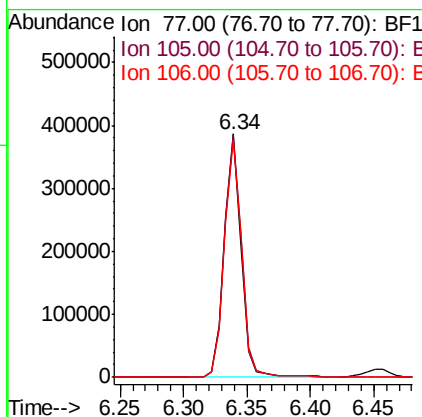
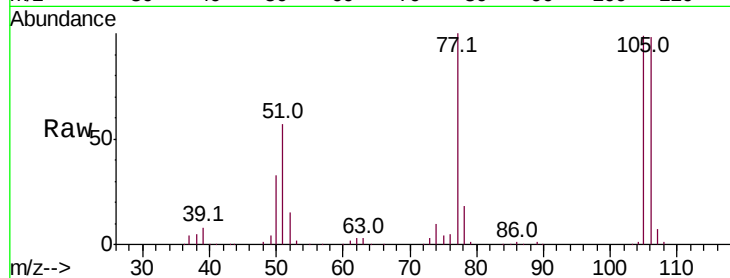
ClientSampleID :

ICVBF121418

Tot Ion:	77	Resp:	359587
Ion	Ratio	Lower	Upper
77	100		
105	99.4	81.4	121.4
106	97.5	77.9	117.9

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#10

Phenol

Concen: 39.178 ng

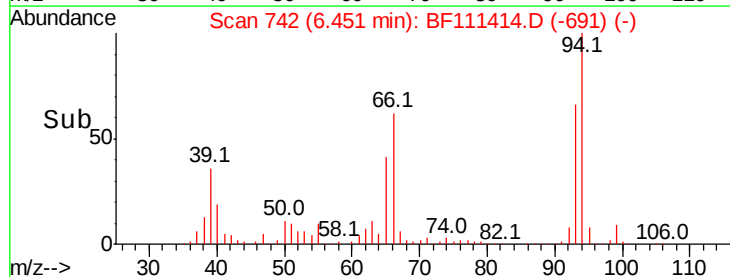
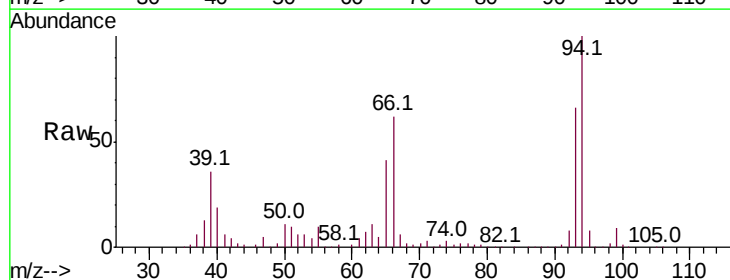
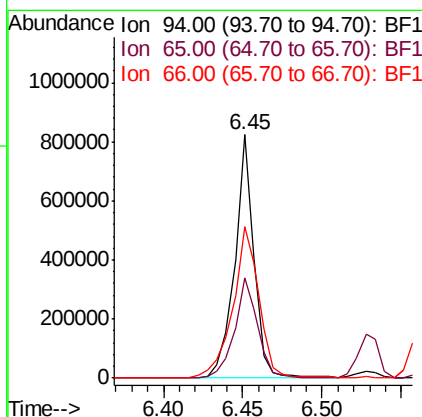
RT: 6.45 min Scan# 742

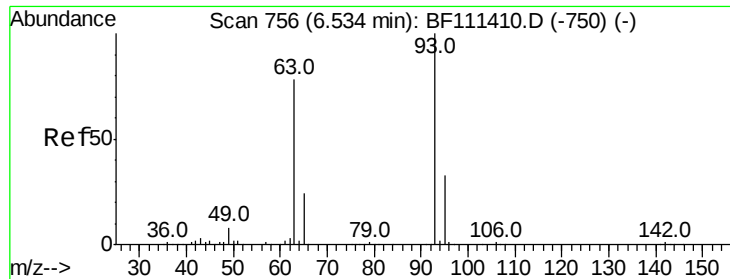
Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Tgt Ion:	94	Resp:	697253
Ion	Ratio	Lower	Upper
94	100		
65	41.3	11.7	51.7
66	62.1	21.0	61.0#





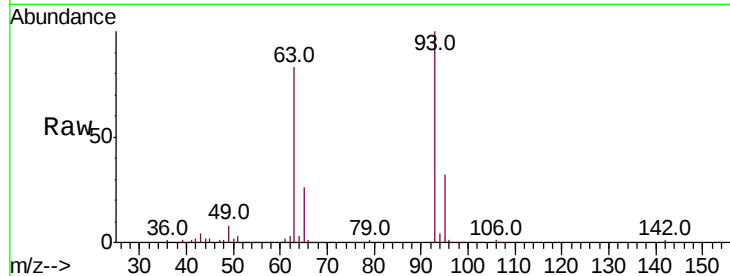
#11
bis(2-Chloroethyl)ether
Concen: 39.476 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

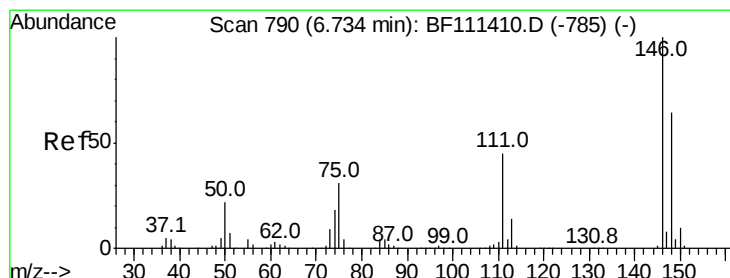
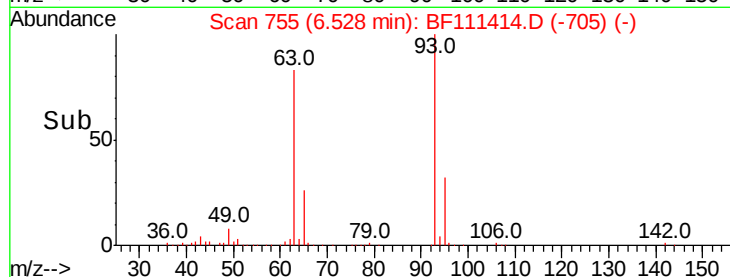
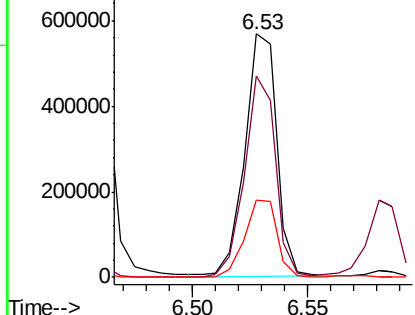
Tot Ion:	93	Resp:	550737
Ion Ratio	Lower	Upper	
93	100		
63	82.9	60.0	100.0
95	31.9	13.4	53.4

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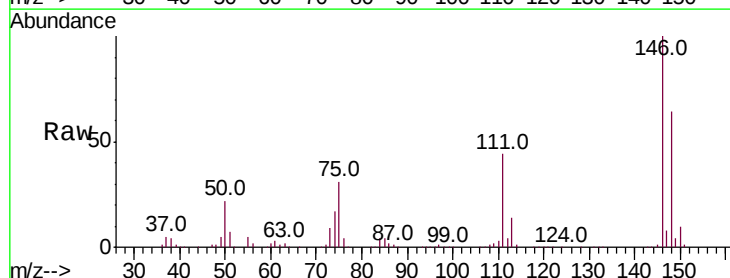


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

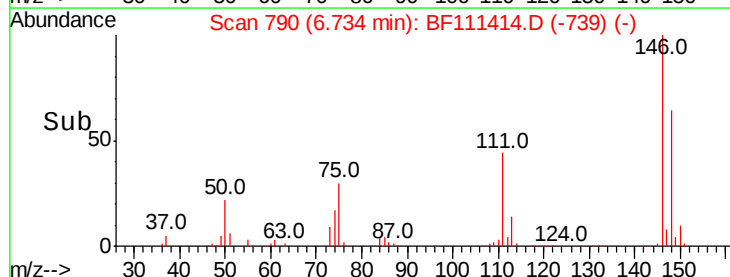
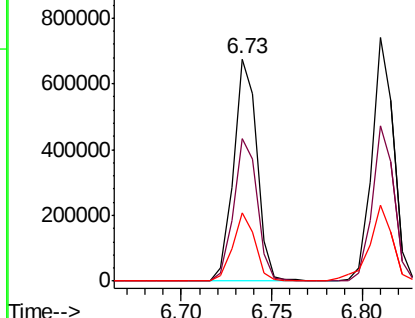


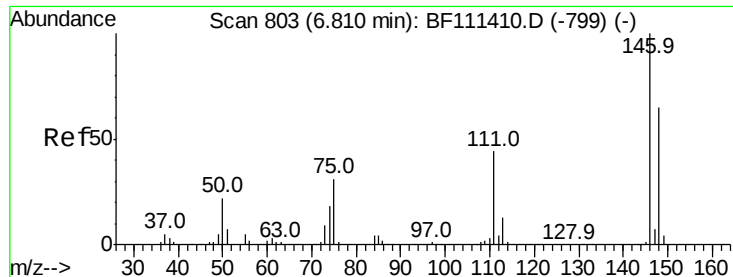
#12
1,3-Dichlorobenzene
Concen: 38.712 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:	146	Resp:	611543
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.1	78.1
75	30.5	23.9	35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





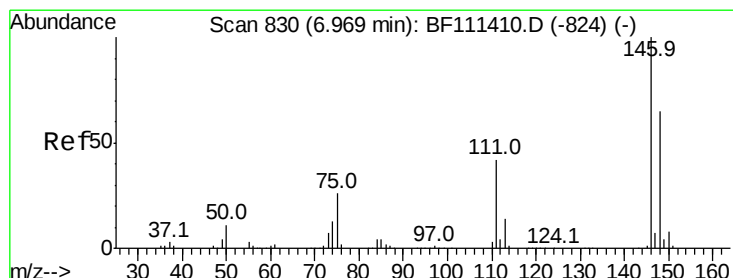
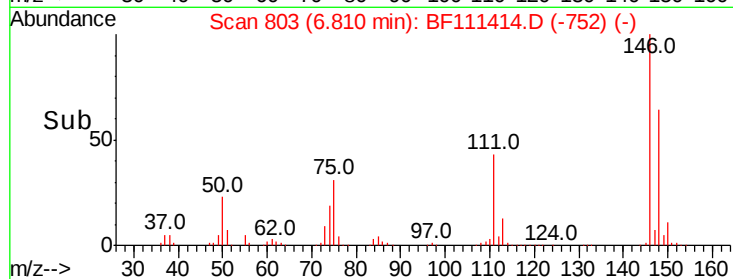
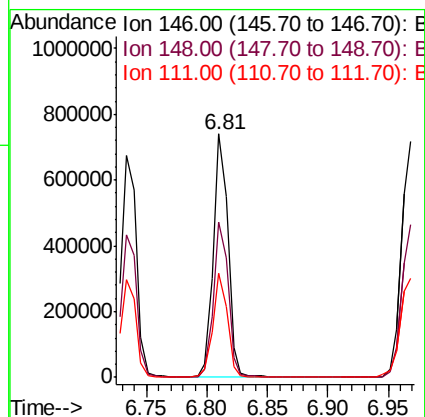
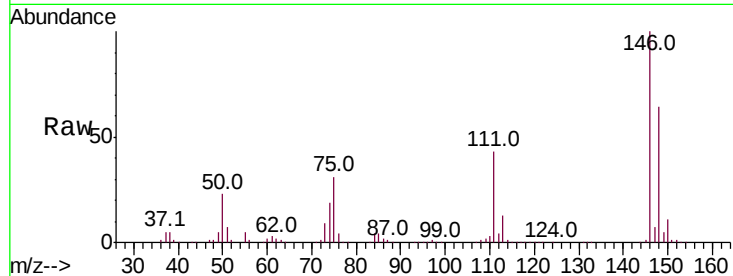
#13
1,4-Dichlorobenzene
Concen: 38.798 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.8	79.2
111	42.6	33.4	50.0

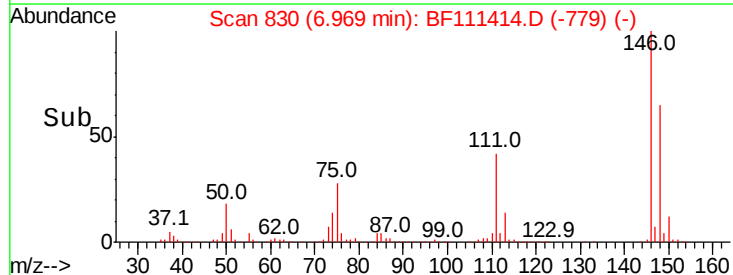
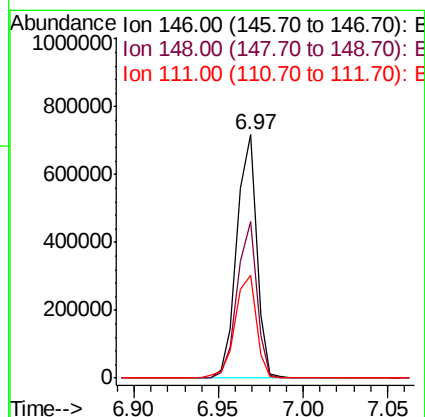
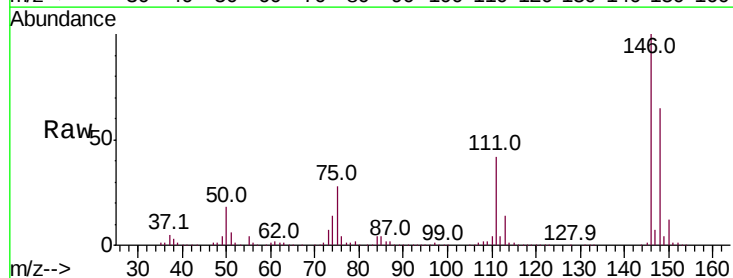
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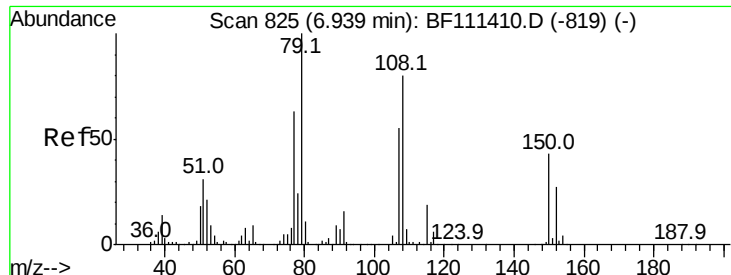
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#14
1,2-Dichlorobenzene
Concen: 38.698 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	42.2	36.2	54.4





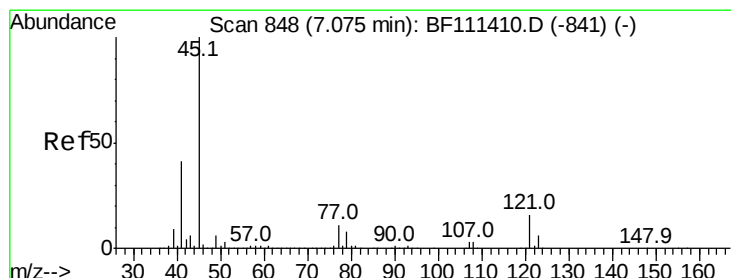
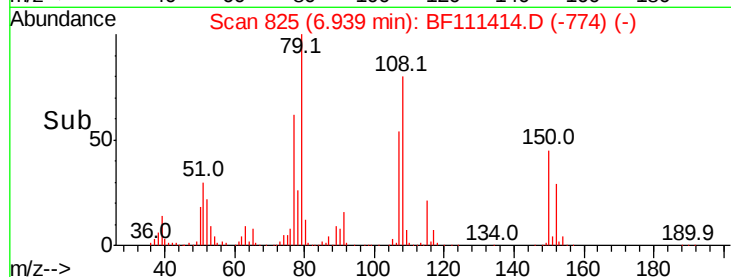
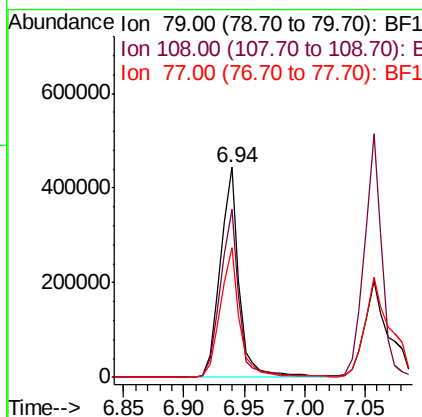
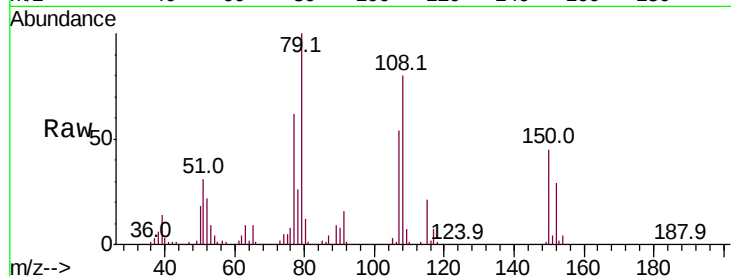
#15
Benzyl Alcohol
Concen: 39.405 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion: 79 Resp: 479017
Ion Ratio Lower Upper
79 100
108 80.1 69.4 104.2
77 61.6 49.7 74.5

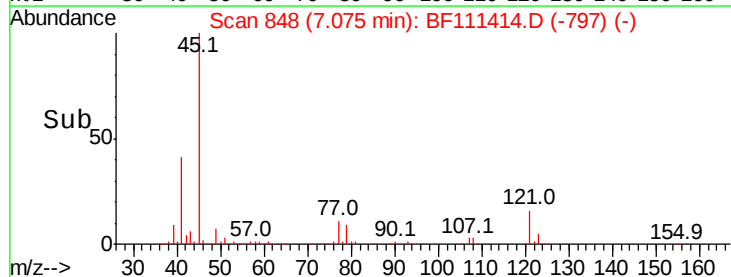
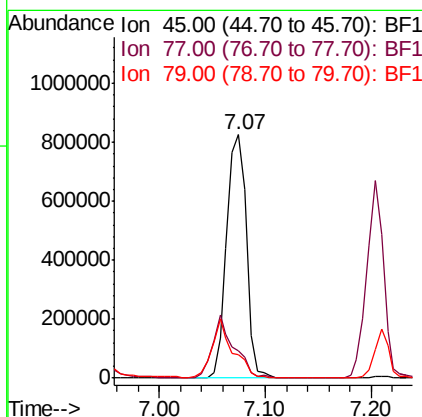
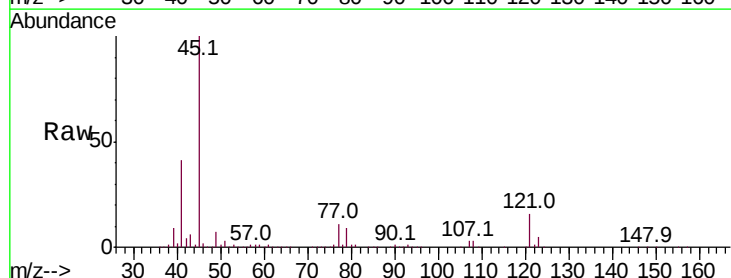
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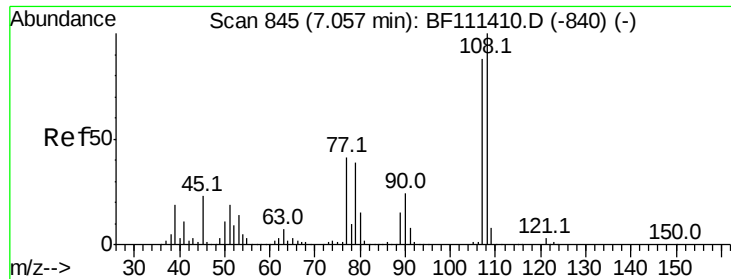
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.204 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion: 45 Resp: 1067911
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.5
79 9.4 0.0 28.9





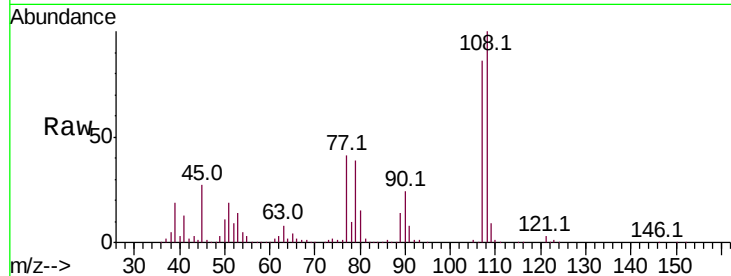
#17
2-Methylphenol
Concen: 38.327 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

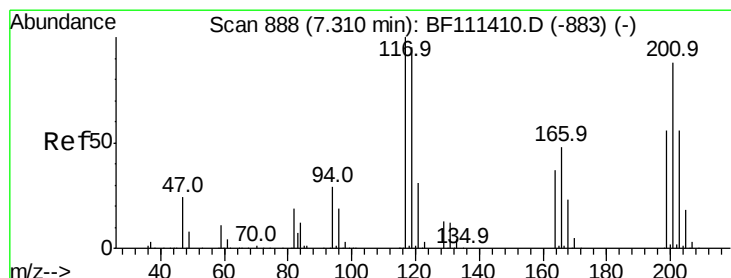
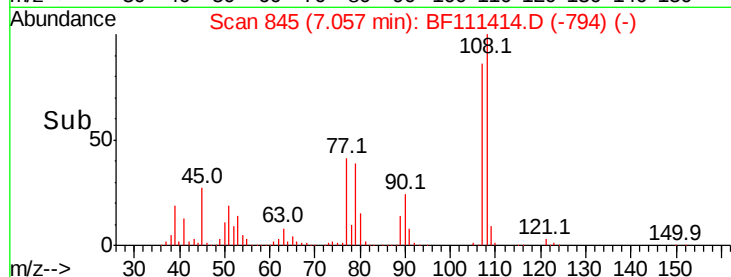
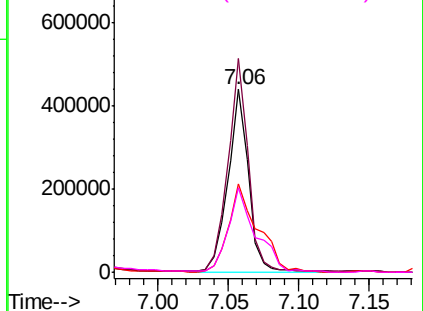
Tot Ion:	107	Resp:	442651
Ion Ratio	Lower	Upper	
107	100		
108	116.8	91.0	136.4
77	48.1	33.5	50.3
79	46.1	33.3	49.9

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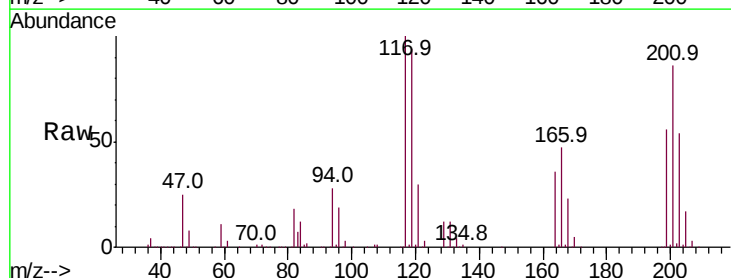


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

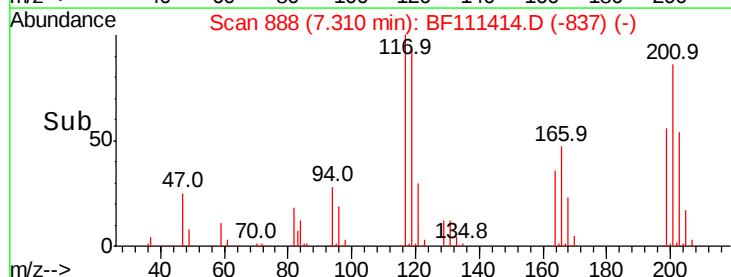
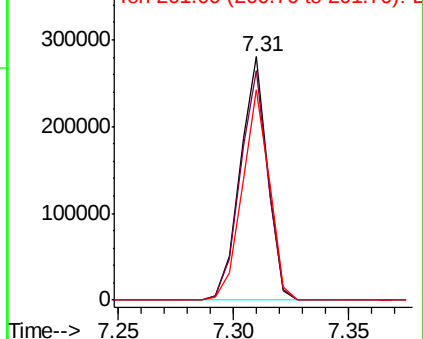


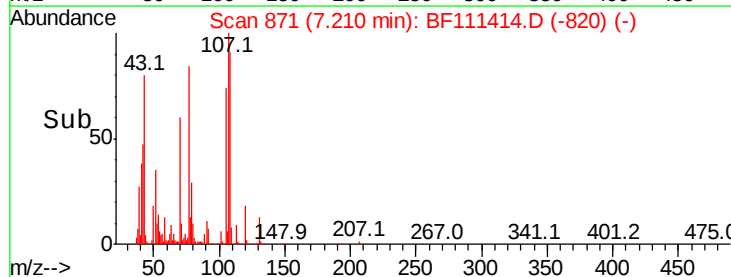
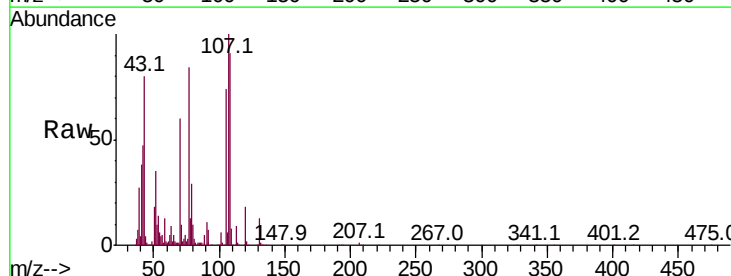
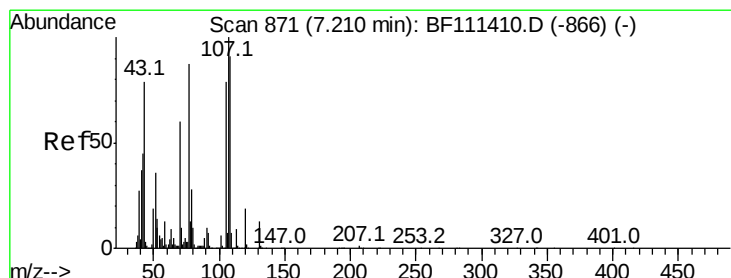
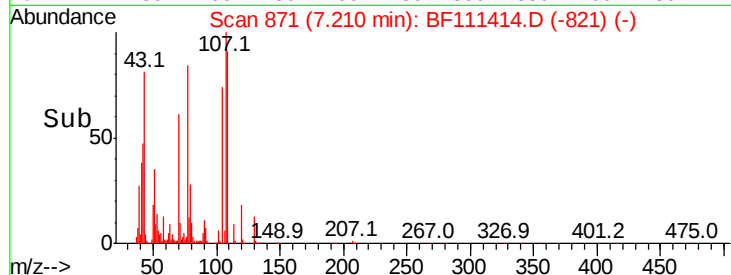
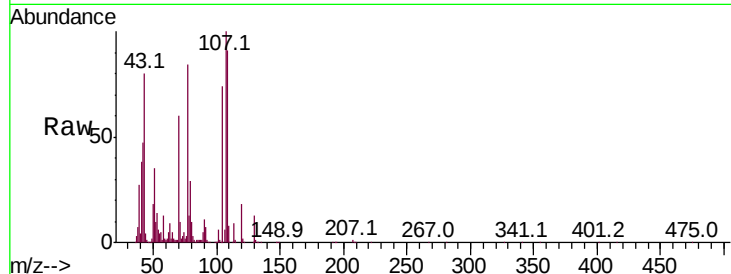
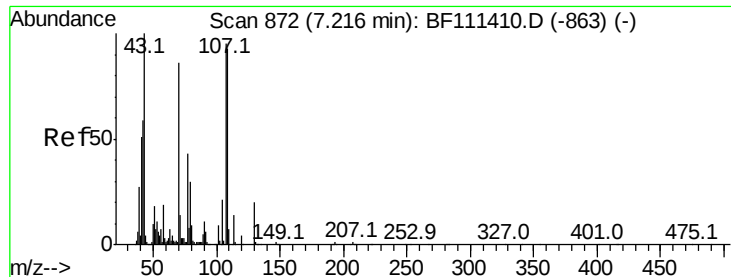
#18
Hexachloroethane
Concen: 38.614 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:	117	Resp:	230421
Ion Ratio	Lower	Upper	
117	100		
119	94.4	75.4	113.0
201	86.3	62.4	93.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.968 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF111414.D

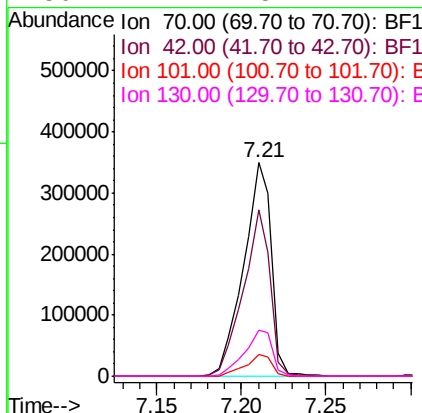
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.0	53.2	79.8
101	10.1	8.2	12.4
130	21.7	18.1	27.1

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#20

3+4-Methylphenols

Concen: 38.503 ng

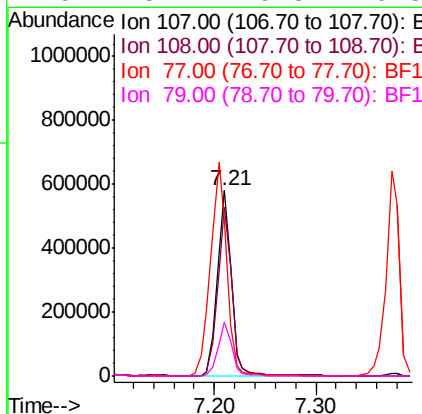
RT: 7.21 min Scan# 871

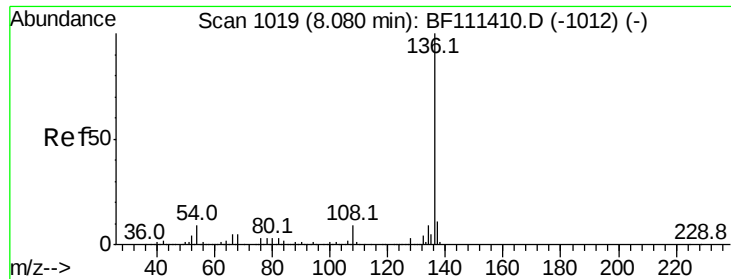
Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	72.1	112.1
77	84.3	94.1	134.1#
79	28.7	9.8	49.8





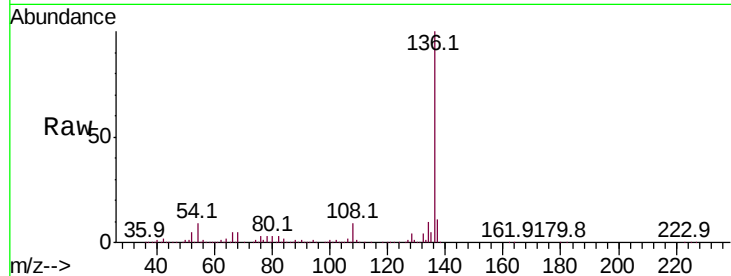
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	8.9	7.7	11.5	
68	4.7	4.9	7.3#	

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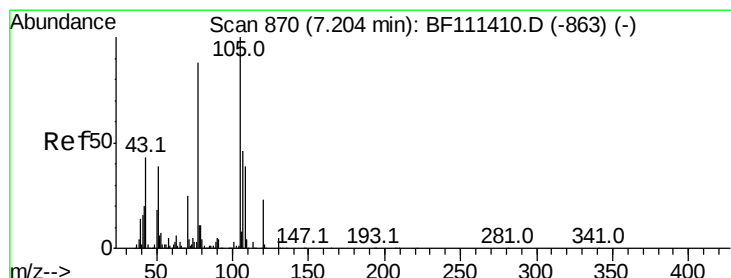
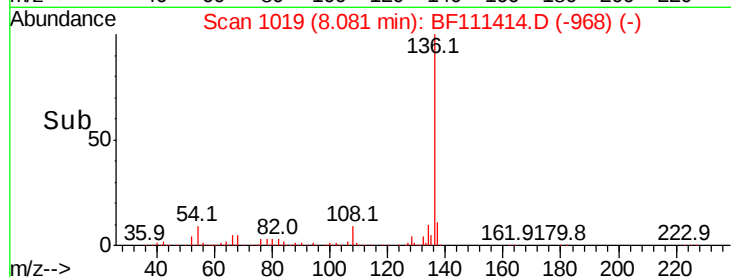
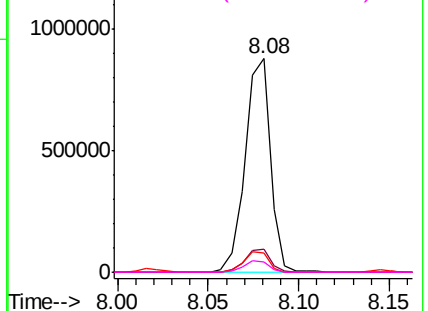
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.689 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.0	3.1	4.7#	
51	39.3	36.6	54.8	
120	22.2	18.2	27.4	

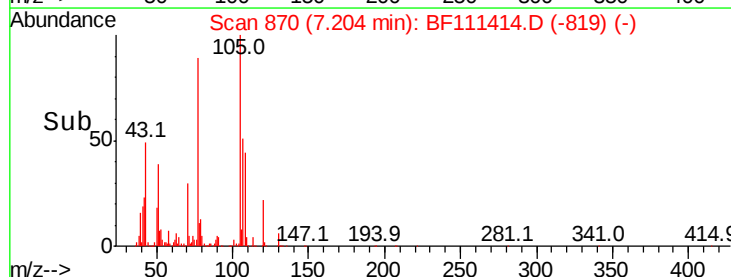
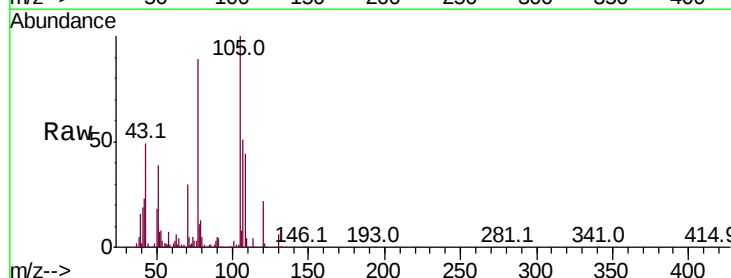
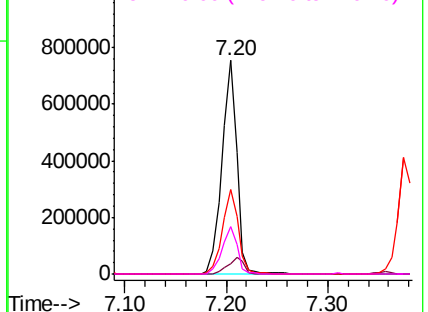
Abundance

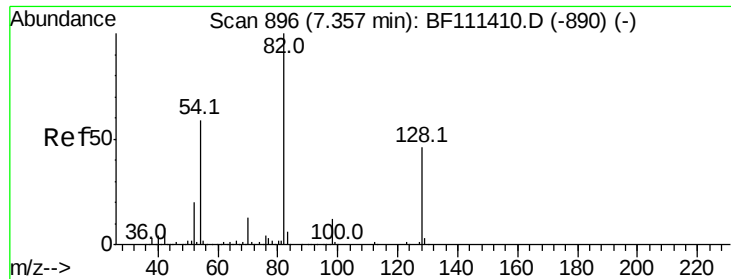
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





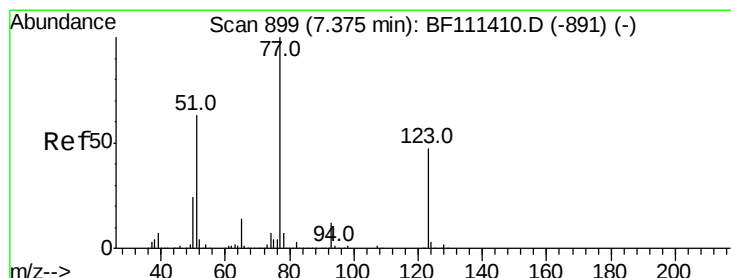
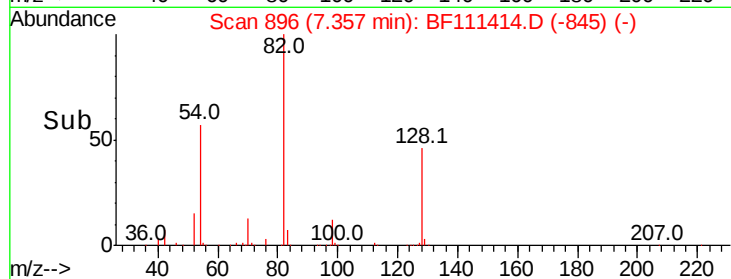
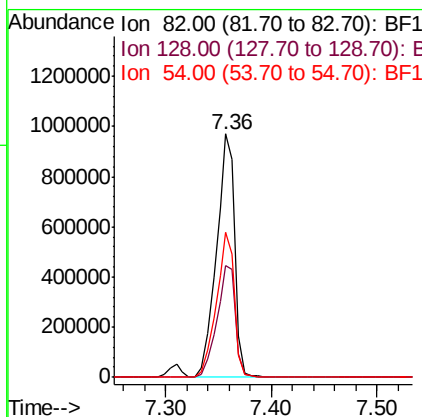
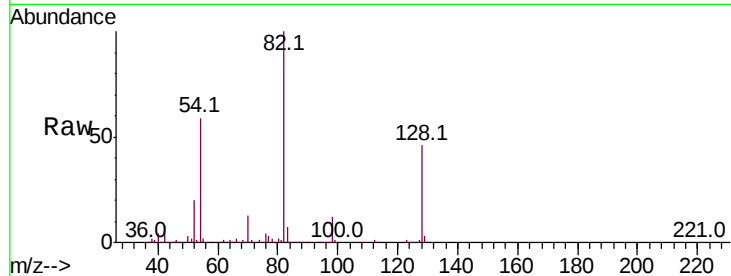
#23
Nitrobenzene-d5
Concen: 82.633 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion: 82 Resp: 1177915
Ion Ratio Lower Upper
82 100
128 46.1 37.4 56.2
54 59.4 47.6 71.4

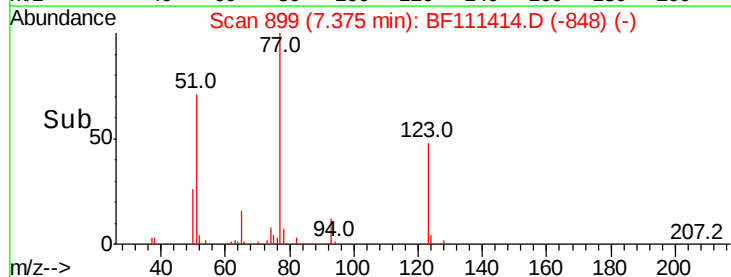
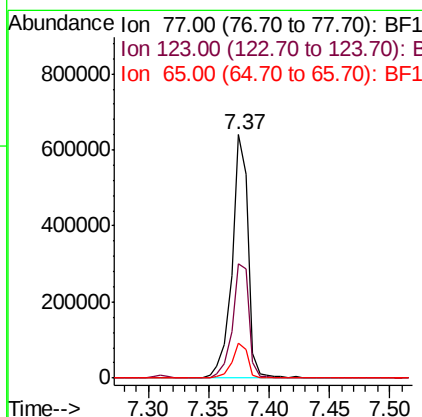
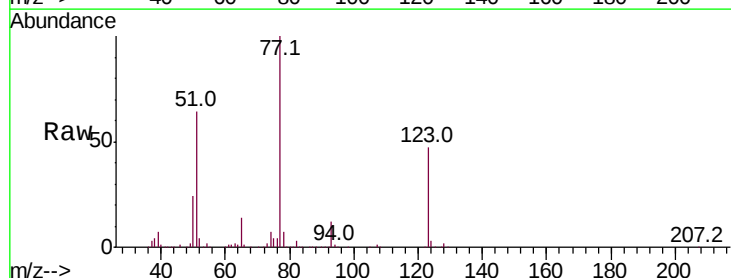
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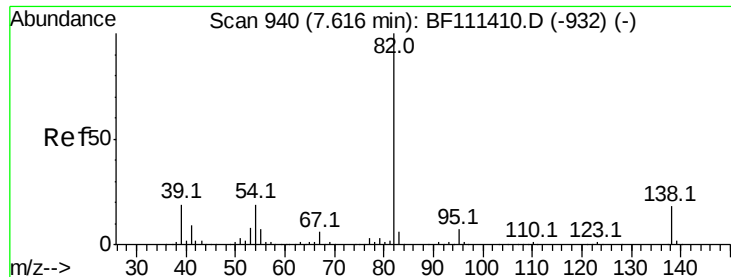
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#24
Nitrobenzene
Concen: 40.271 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion: 77 Resp: 585606
Ion Ratio Lower Upper
77 100
123 47.1 37.2 55.8
65 14.3 11.5 17.3





#25

Isophorone

Concen: 39.780 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

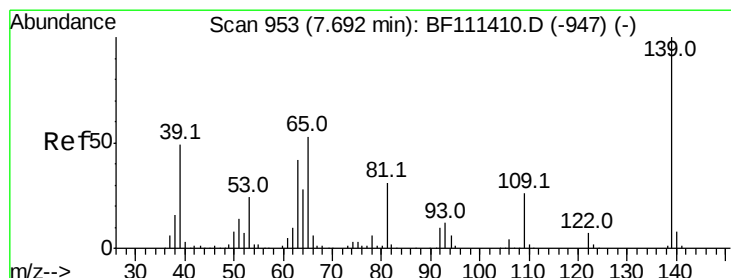
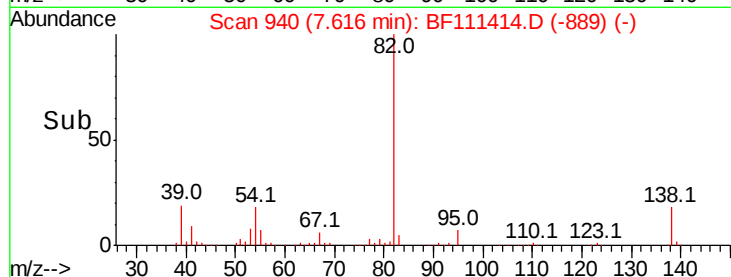
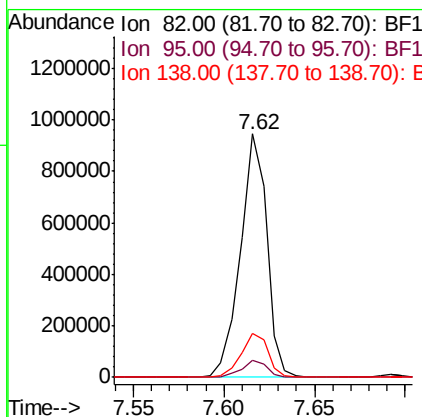
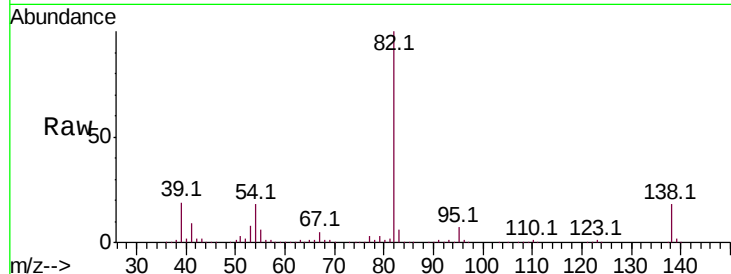
ClientSampleId :

ICVBF121418

Tot Ion:	82	Resp:	959485
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.9	15.1	22.7

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#26

2-Nitrophenol

Concen: 41.051 ng

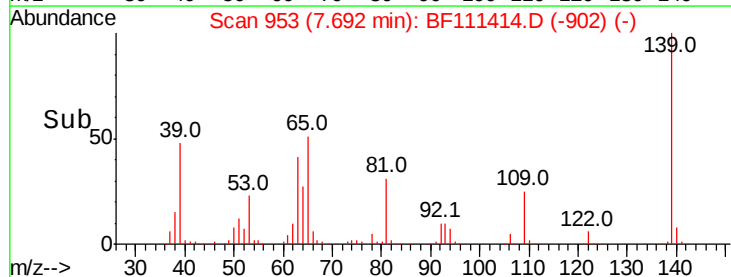
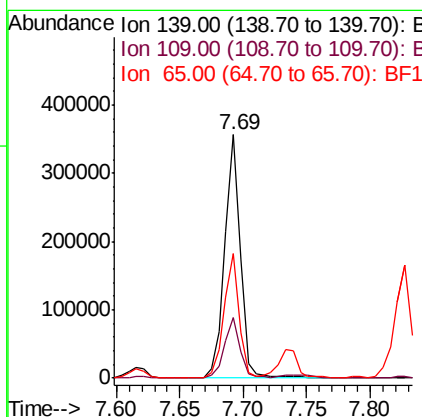
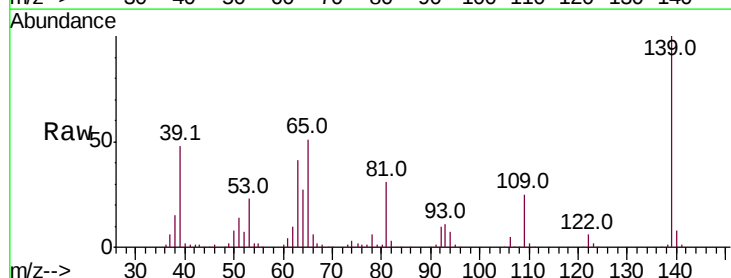
RT: 7.69 min Scan# 953

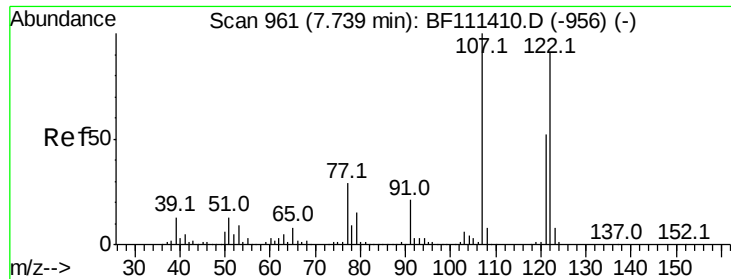
Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Tgt Ion:	139	Resp:	309573
Ion Ratio	Lower	Upper	
139	100		
109	25.1	20.2	30.4
65	51.1	40.7	61.1





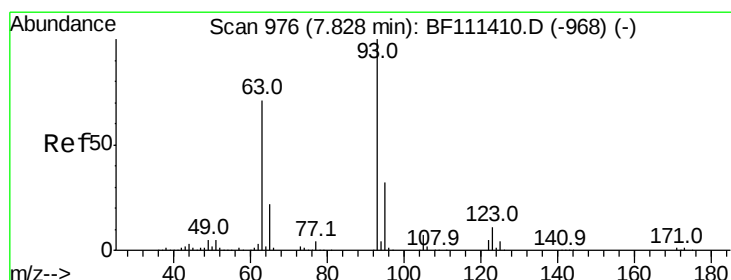
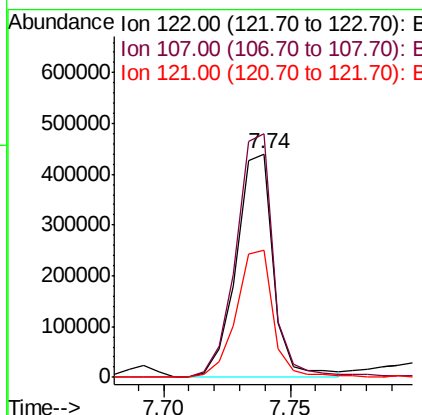
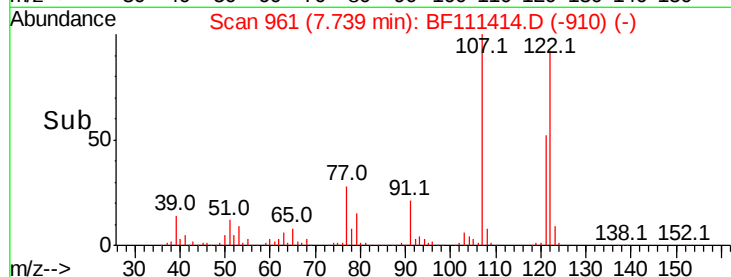
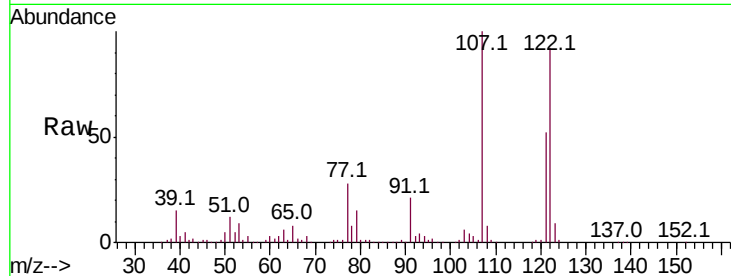
#27
2,4-Dimethylphenol
Concen: 40.913 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	85.5	128.3
121	57.0	46.6	70.0

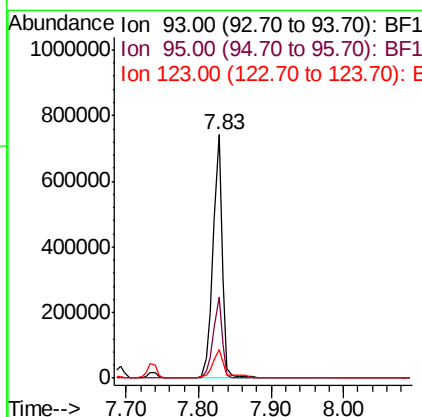
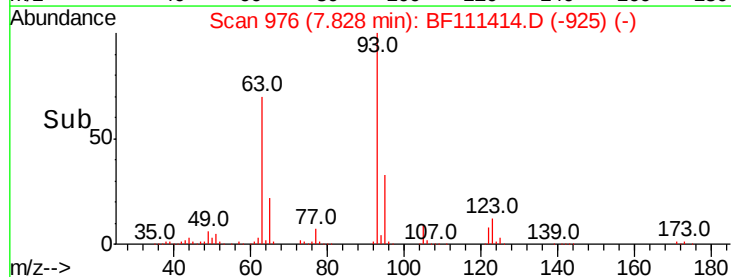
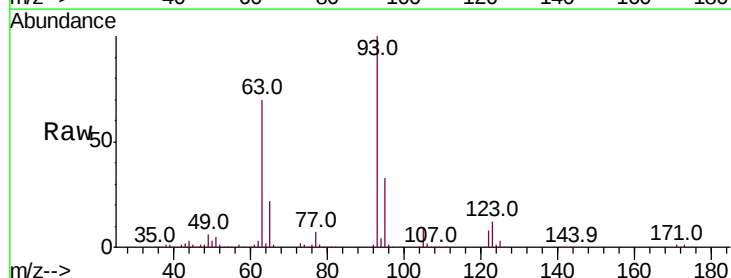
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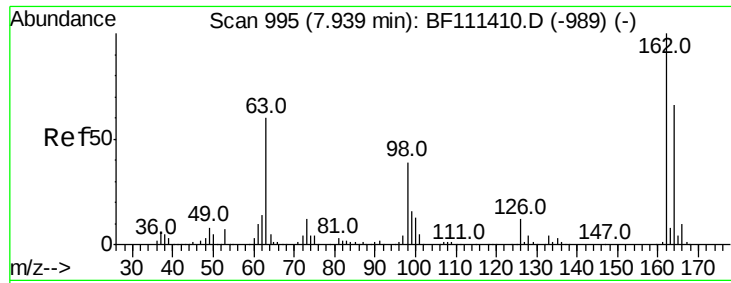
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#28
bis(2-Chloroethoxy)methane
Concen: 39.661 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.1	40.7
123	12.0	9.9	14.9





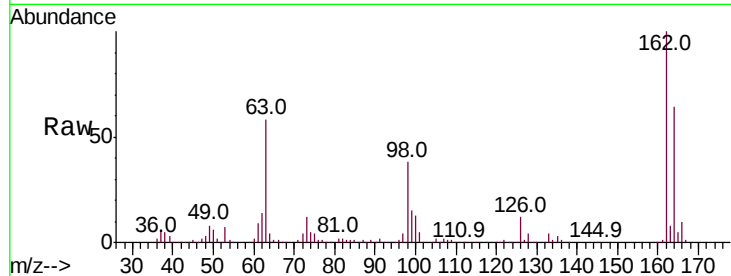
#29
2,4-Dichlorophenol
Concen: 40.062 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

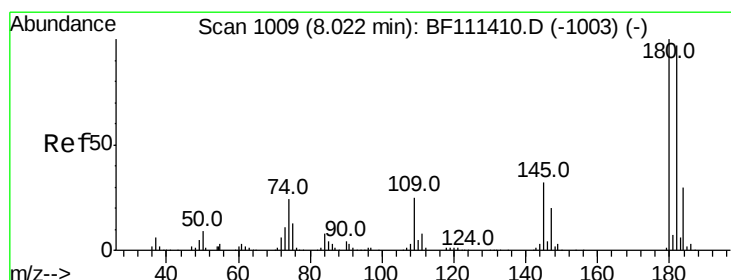
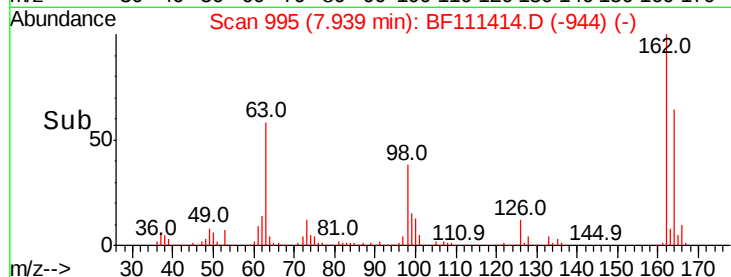
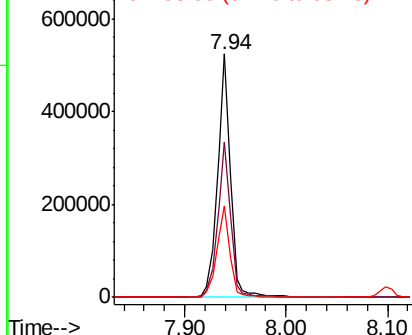
Tot Ion	Ratio	Resp	Lower	Upper
162	100	467551		
164	63.7	44.4	84.4	
98	37.7	20.3	60.3	

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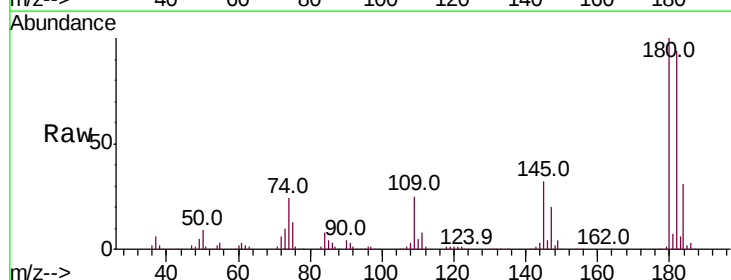


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

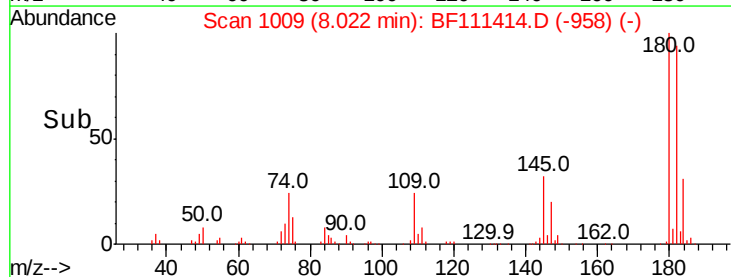
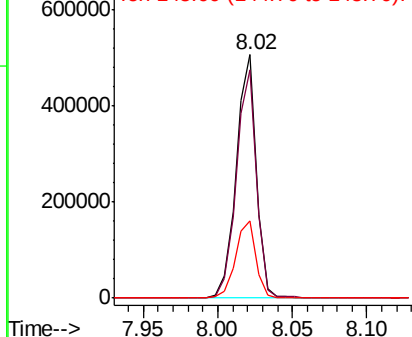


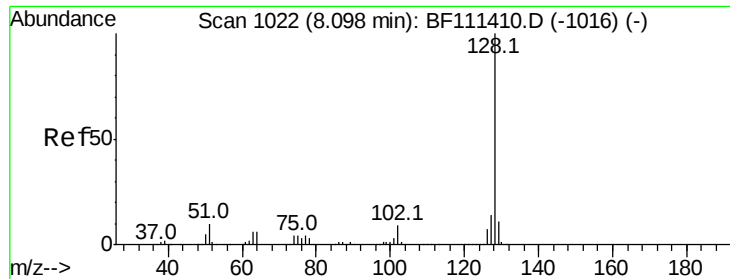
#30
1,2,4-Trichlorobenzene
Concen: 39.277 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	479855		
182	93.7	75.6	113.4	
145	31.6	26.7	40.1	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





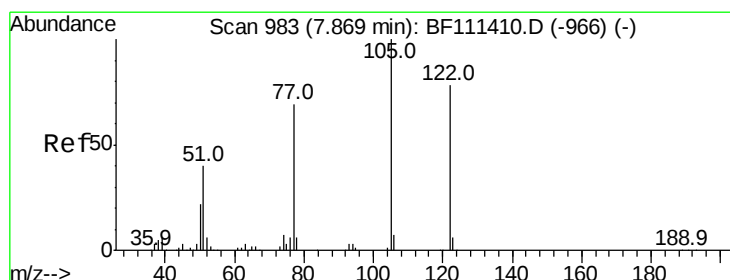
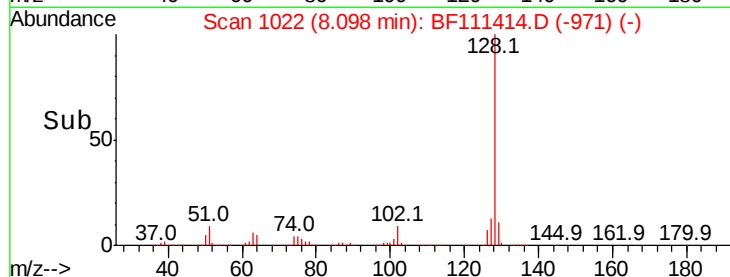
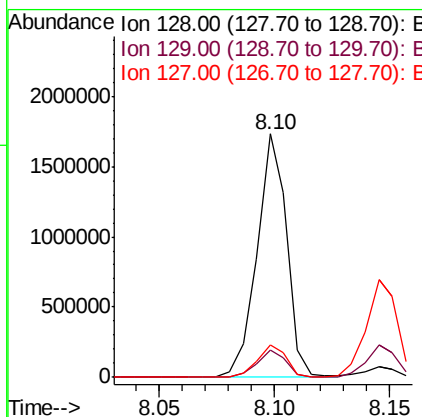
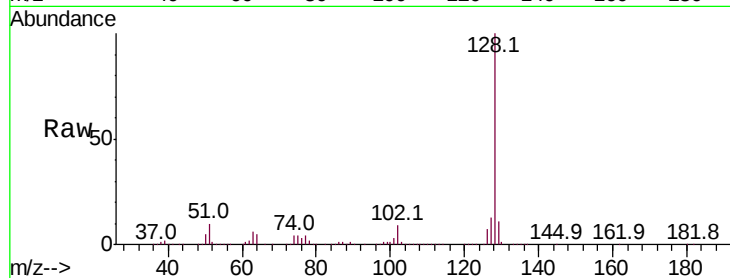
#31
Naphthalene
Concen: 39.134 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.8
127	13.2	12.0	18.0

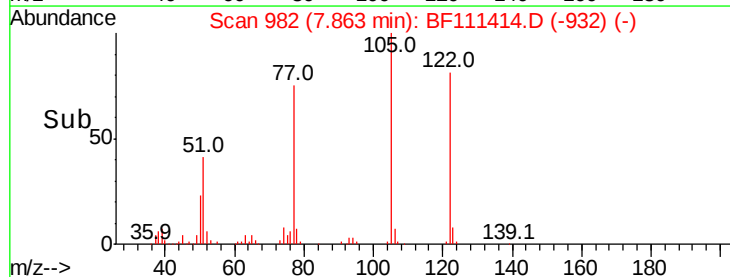
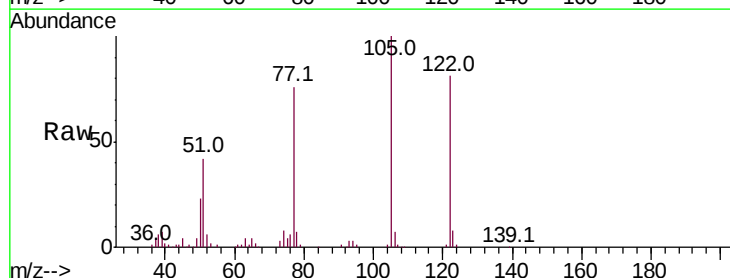
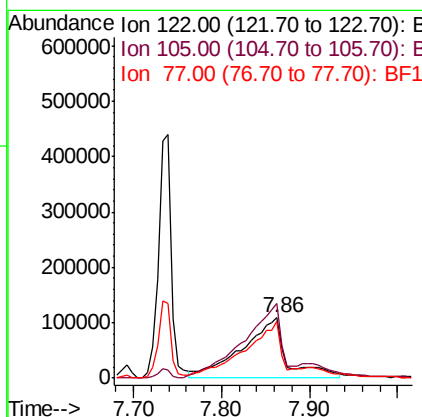
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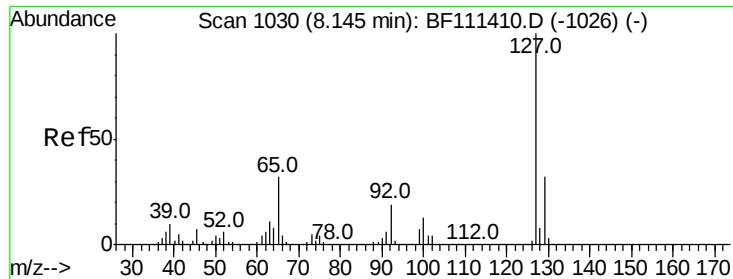
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#32
Benzoic acid
Concen: 41.203 ng m
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	97.0	137.0
77	92.9	65.7	105.7





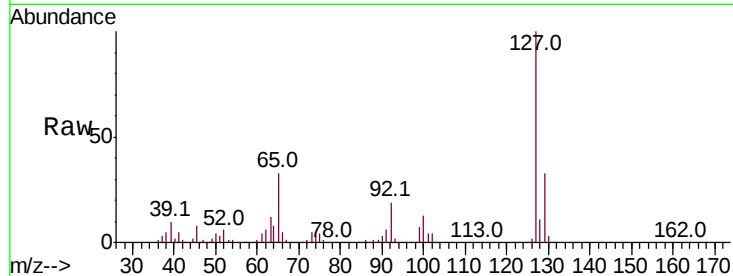
#33
4-Chloroaniline
Concen: 38.266 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		675573		
129	32.7	26.6	39.8		
65	32.6	25.7	38.5		
92	18.6	15.4	23.2		

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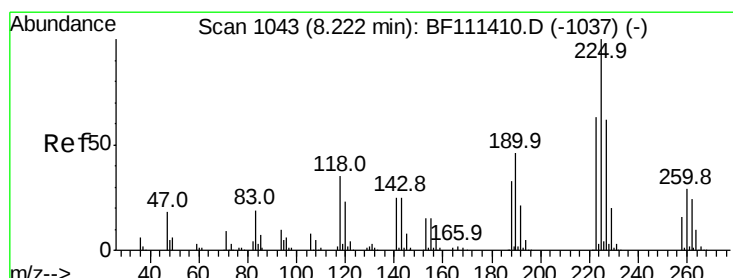
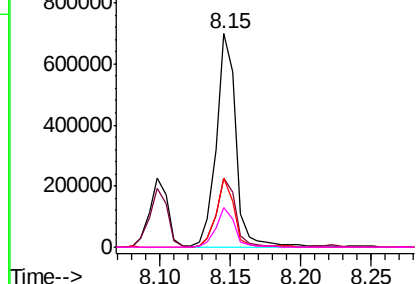
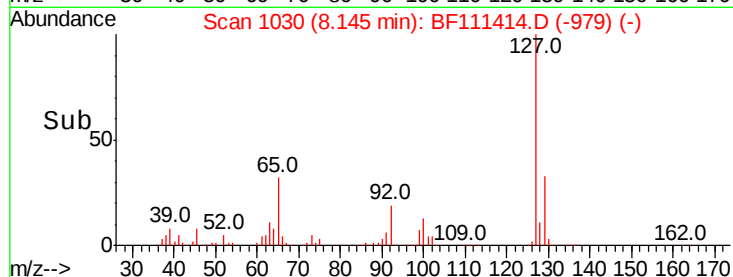
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

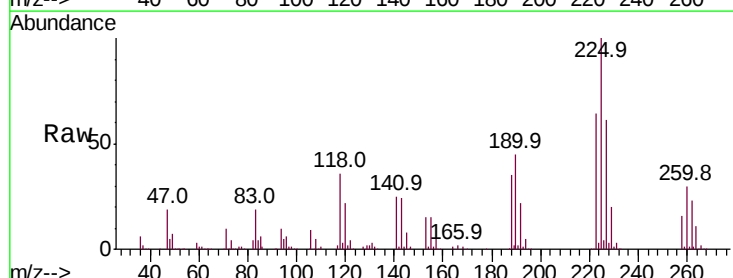
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.275 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		271089		
223	64.0	50.7	76.1		
227	61.0	52.6	78.8		

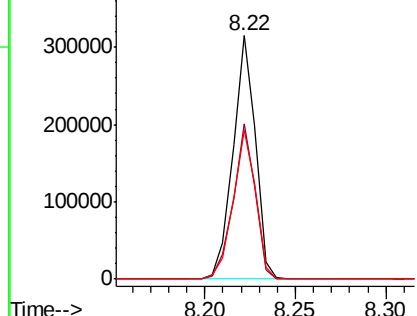
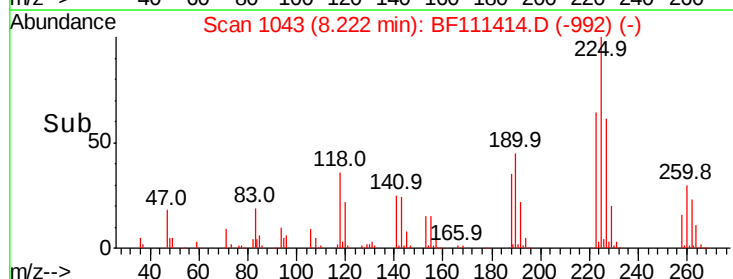


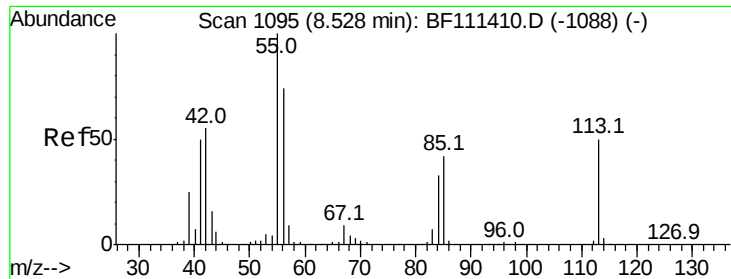
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





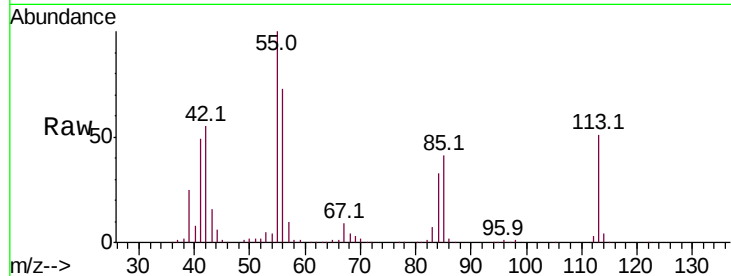
#35
Caprolactam
Concen: 39.357 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleID :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.5	184.1	224.1
56	143.5	126.0	166.0

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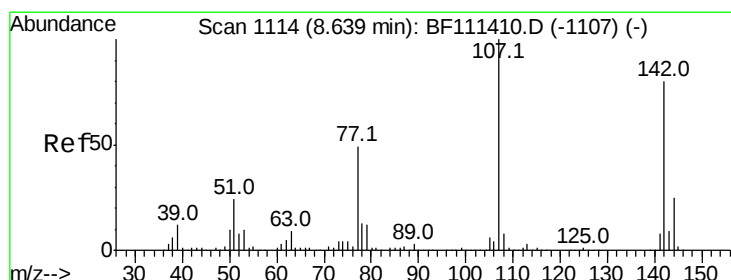
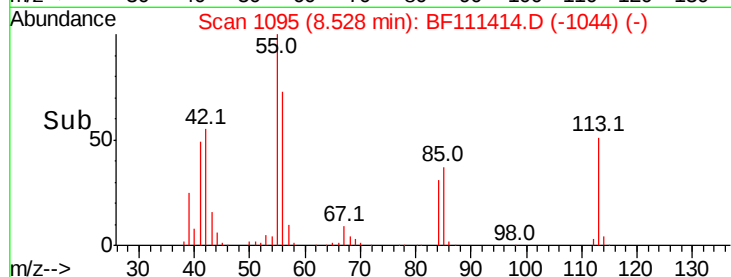
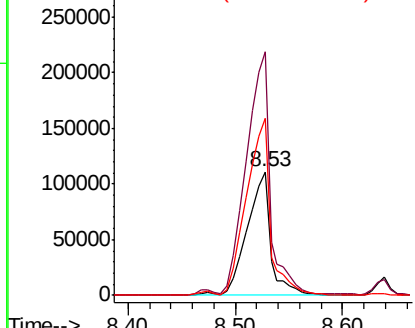


Abundance

Ion 113.00 (112.70 to 113.70): E

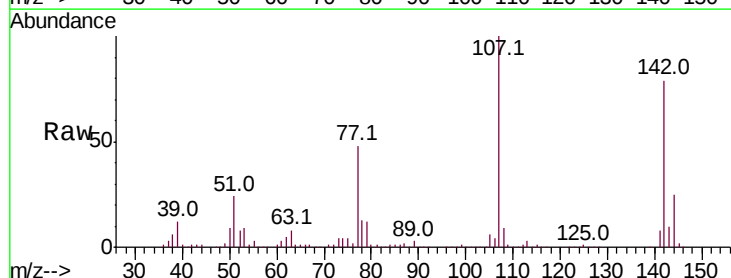
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 39.605 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.8	29.6
142	78.9	62.3	93.5

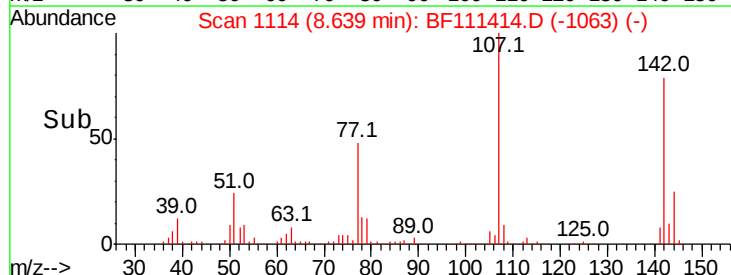
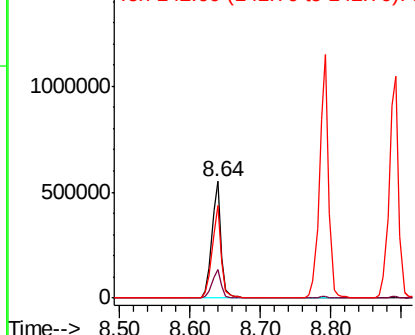


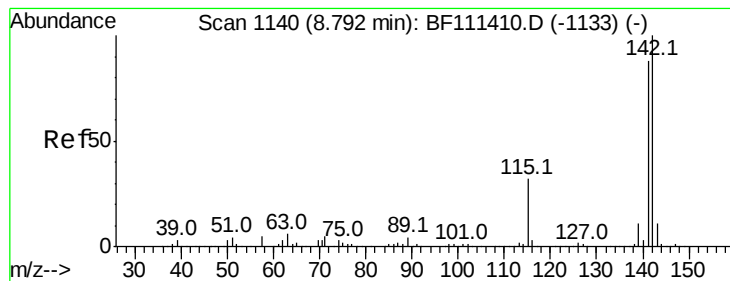
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





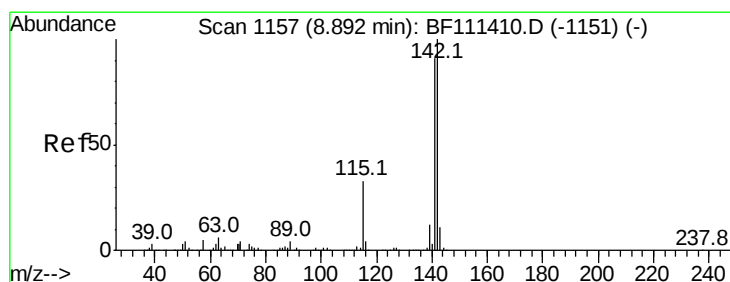
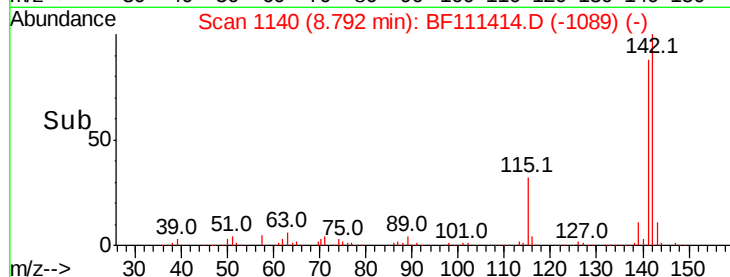
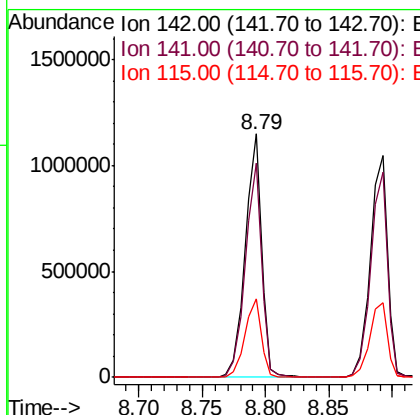
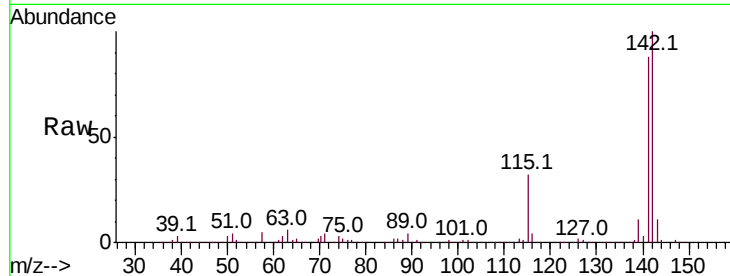
#37
2-Methylnaphthalene
Concen: 37.979 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	32.3	27.0	40.6

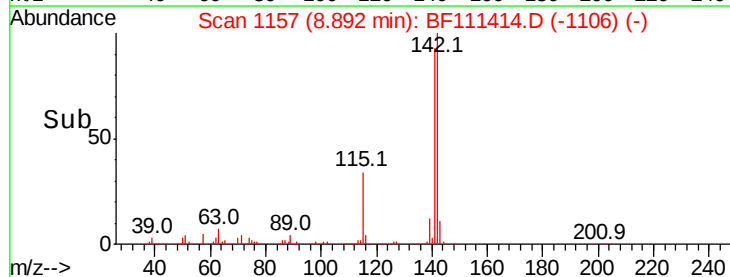
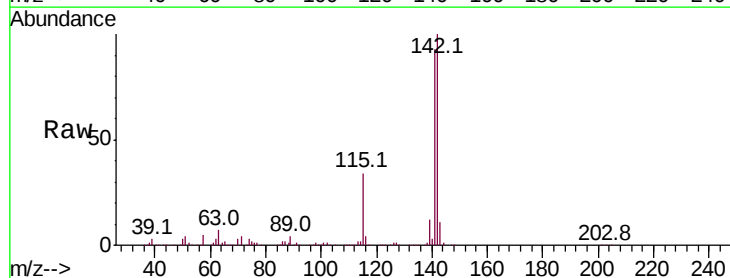
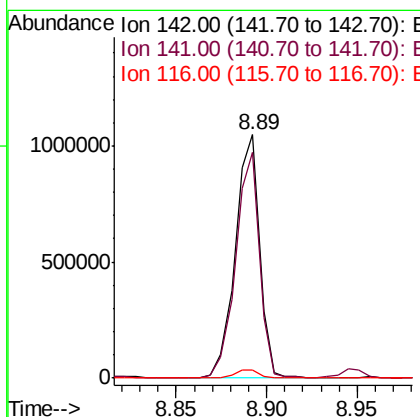
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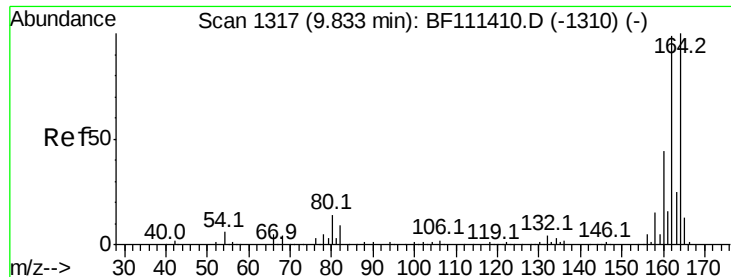
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#38
1-Methylnaphthalene
Concen: 37.627 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	3.5	2.9	4.3





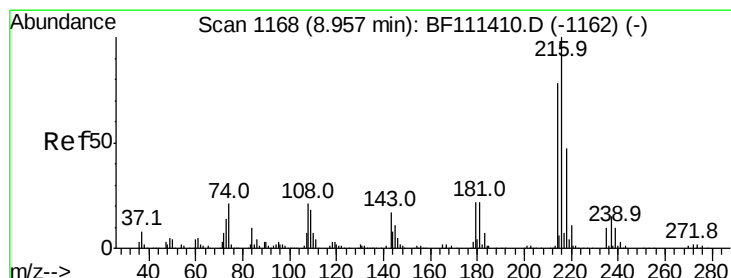
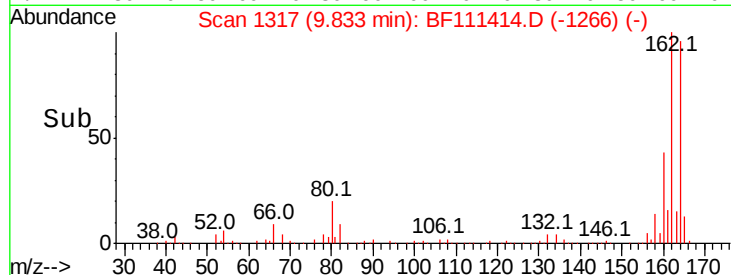
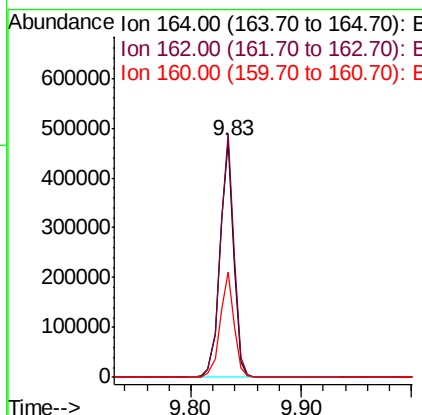
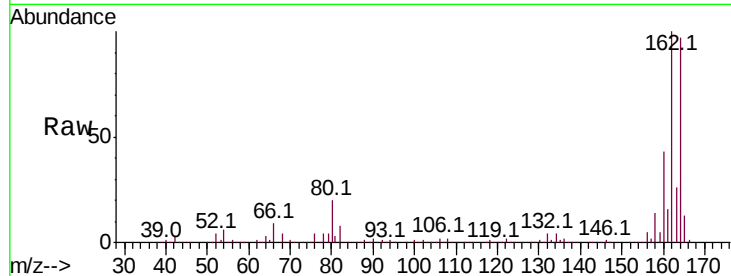
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	44.7	35.7	53.5

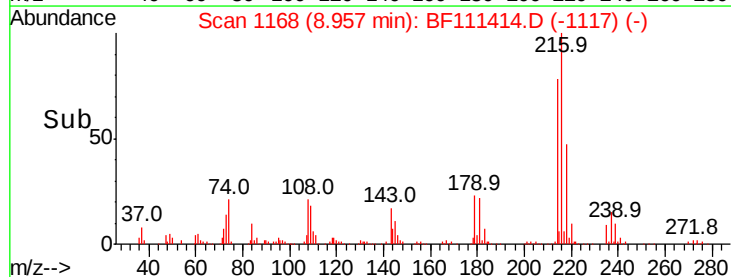
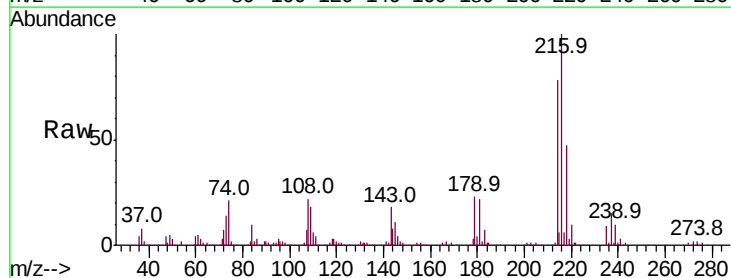
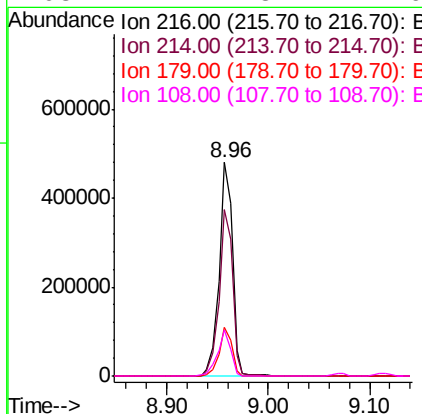
Manual Integrations
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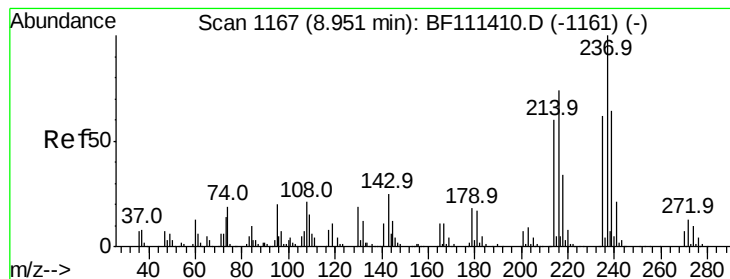
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.979 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	22.2	17.9	26.9
108	21.4	18.4	27.6





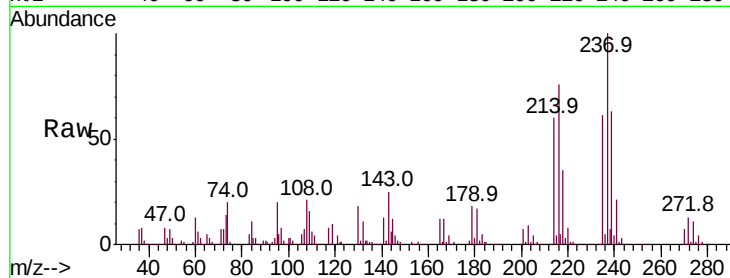
#41
Hexachlorocyclopentadiene
Concen: 41.538 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

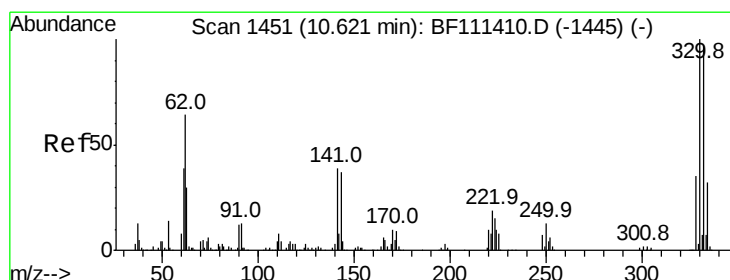
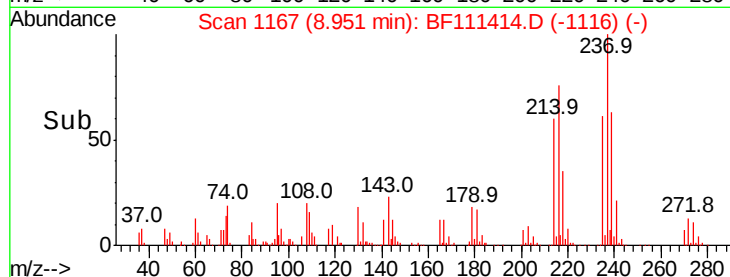
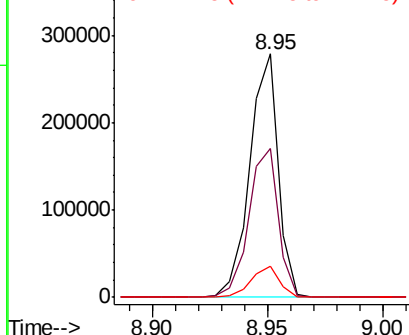
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.1	43.1	83.1
272	12.6	0.0	33.0

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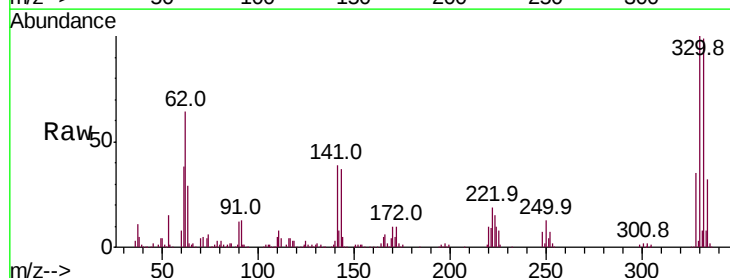


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

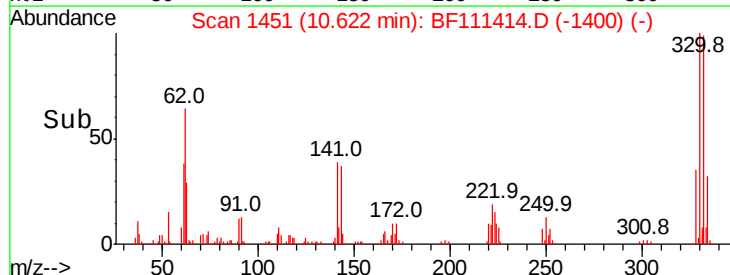
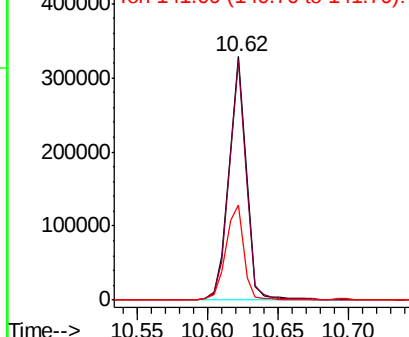


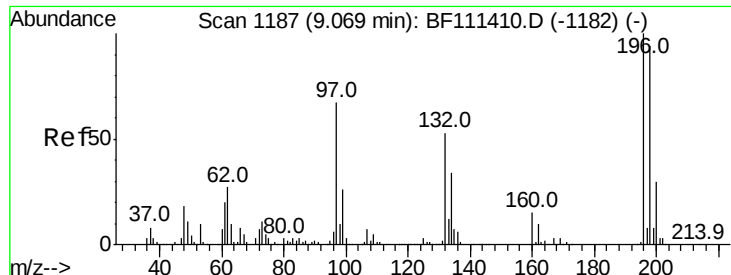
#42
2,4,6-Tribromophenol
Concen: 77.165 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.5	76.0	114.0
141	40.3	31.0	46.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





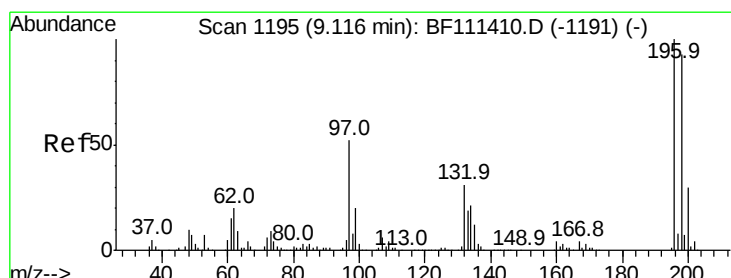
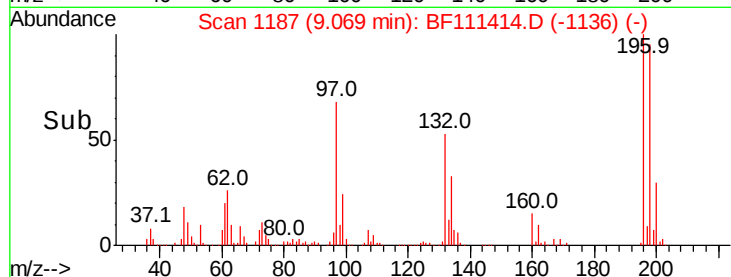
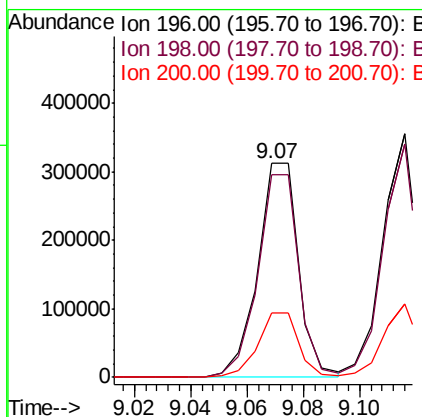
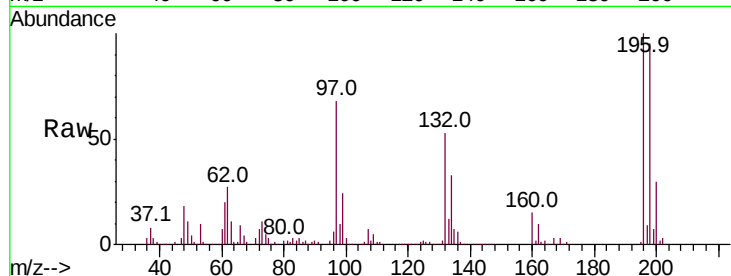
#43
2,4,6-Trichlorophenol
Concen: 39.487 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Resp	Lower	Upper
196	100	314495		
198	95.0	76.3	114.5	
200	30.1	24.9	37.3	

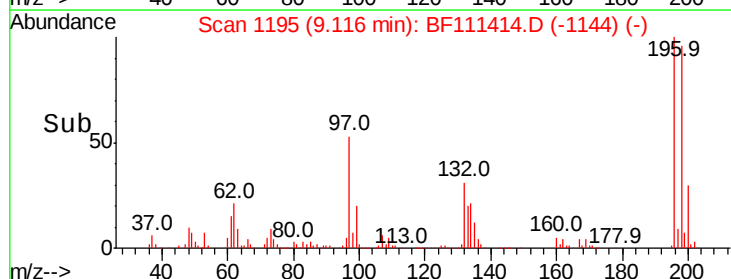
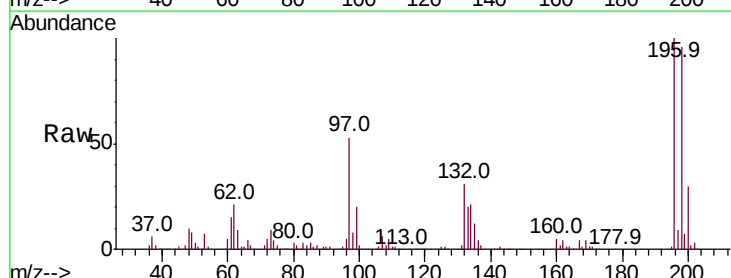
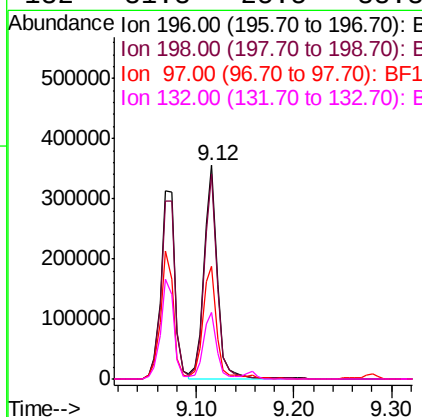
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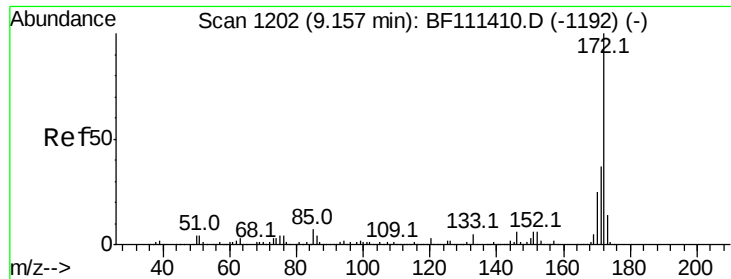
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#44
2,4,5-Trichlorophenol
Concen: 39.646 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	336012		
198	95.9	72.9	109.3	
97	52.6	45.3	67.9	
132	31.3	25.5	38.3	





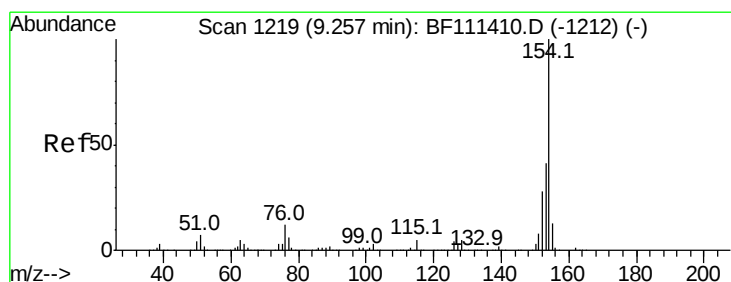
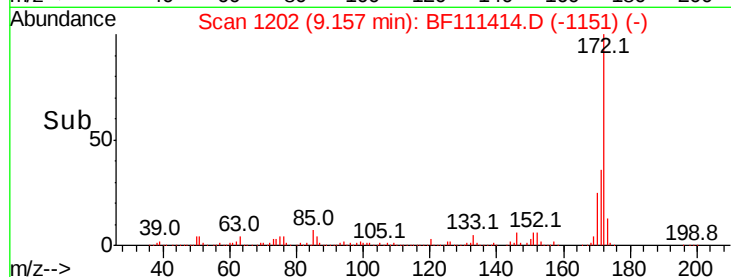
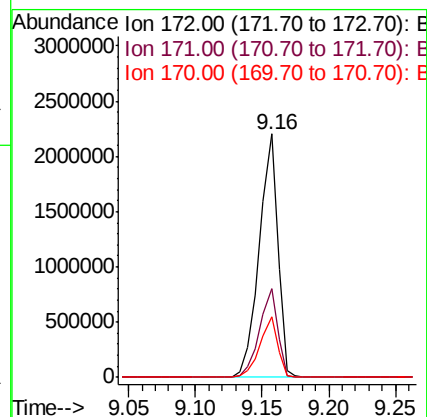
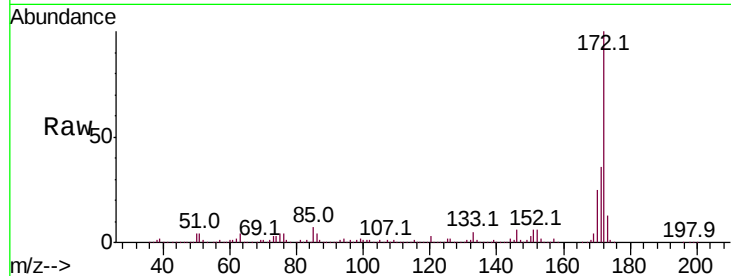
#45
2-Fluorobiphenyl
Concen: 79.022 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	33.0	49.4
170	24.9	22.3	33.5

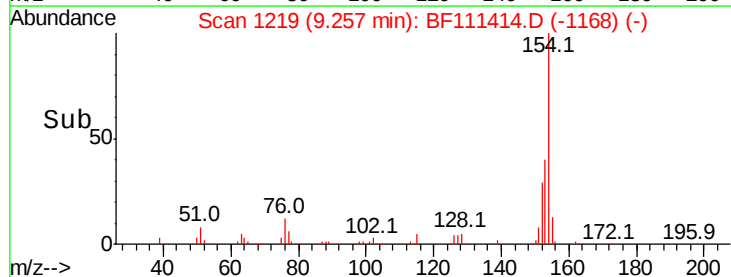
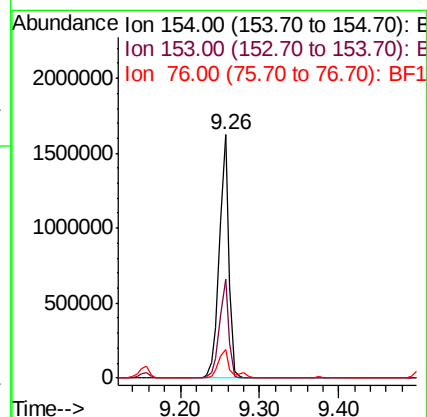
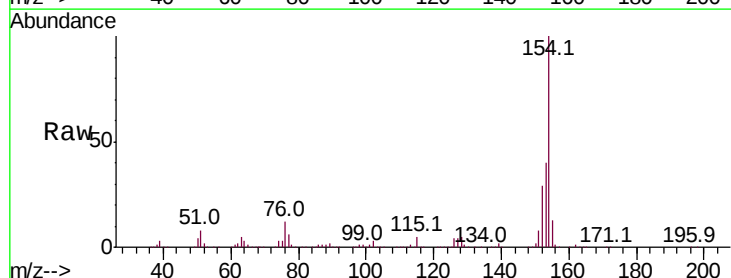
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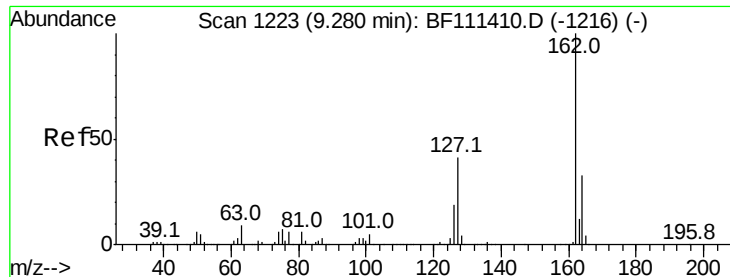
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#46
1,1'-Biphenyl
Concen: 38.961 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	23.7	63.7
76	11.6	0.0	35.0





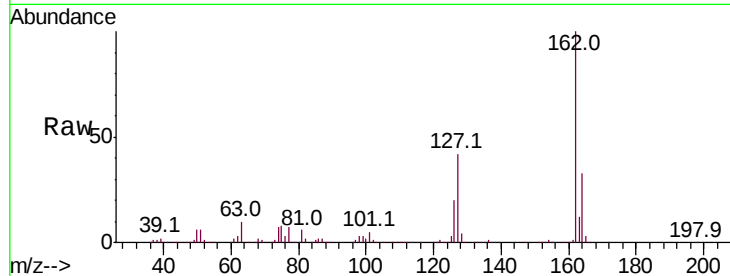
#47
2-Chloronaphthalene
Concen: 39.066 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

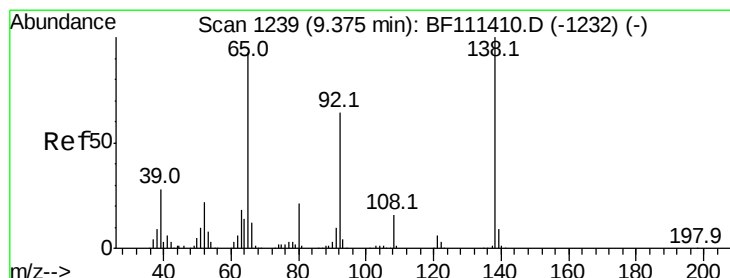
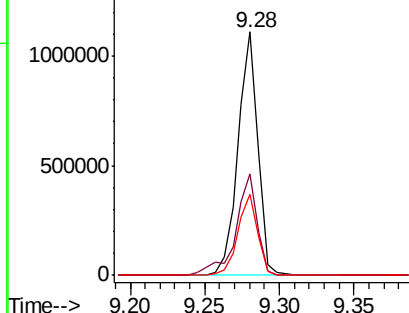
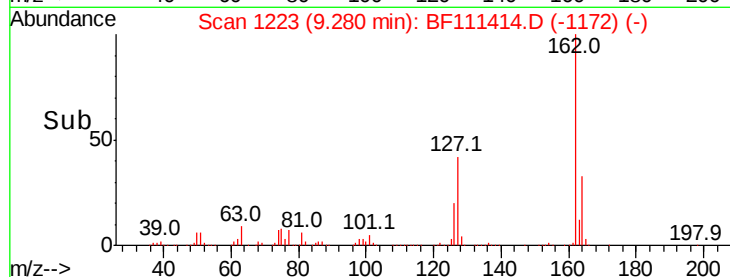
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	35.0	52.4
164	33.3	28.4	42.6

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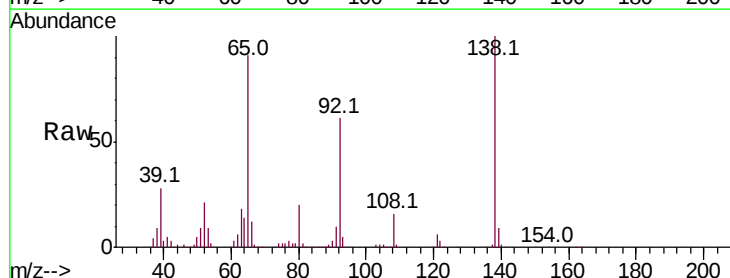


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

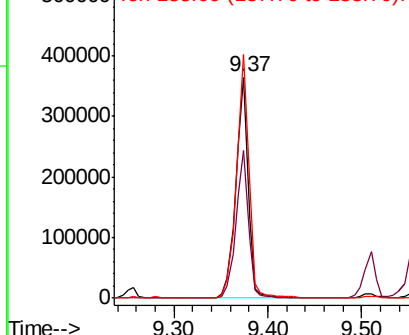
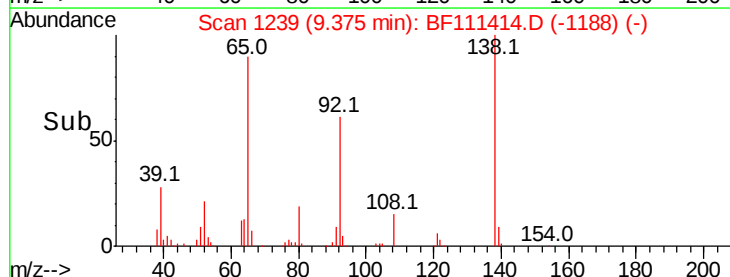


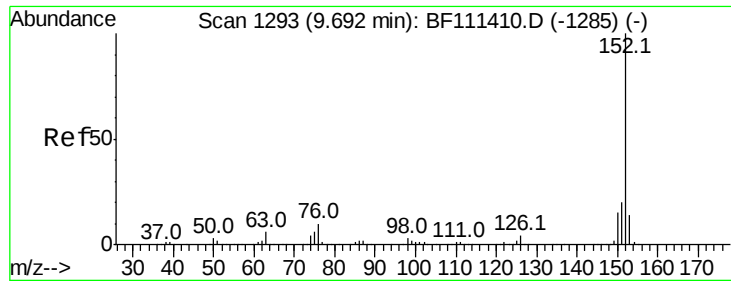
#48
2-Nitroaniline
Concen: 39.127 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	53.5	80.3
138	110.1	80.9	121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





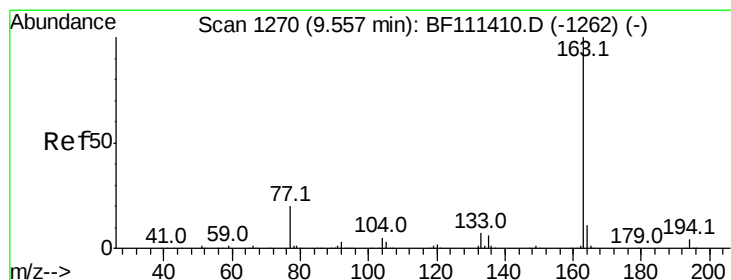
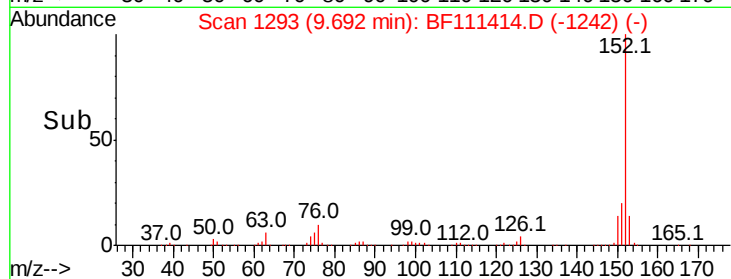
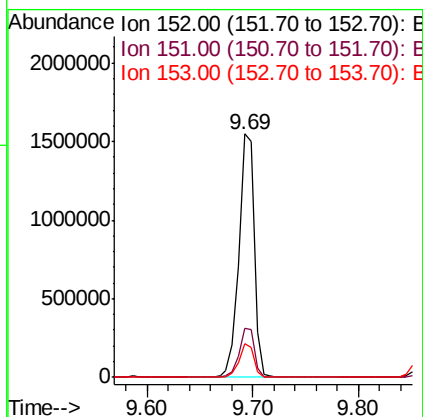
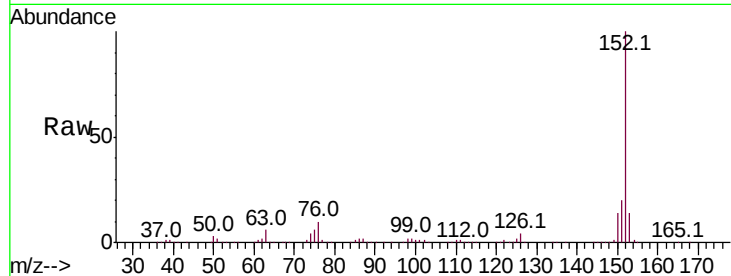
#49
Acenaphthylene
Concen: 39.221 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	18.0	27.0
153	13.7	12.3	18.5

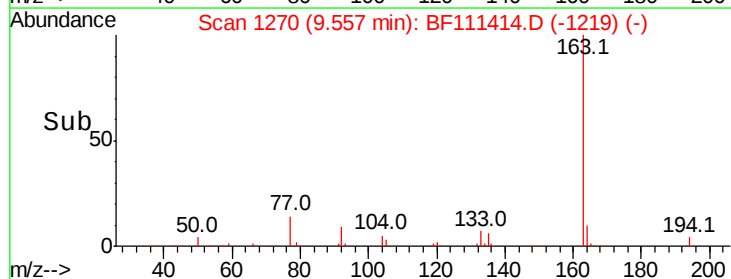
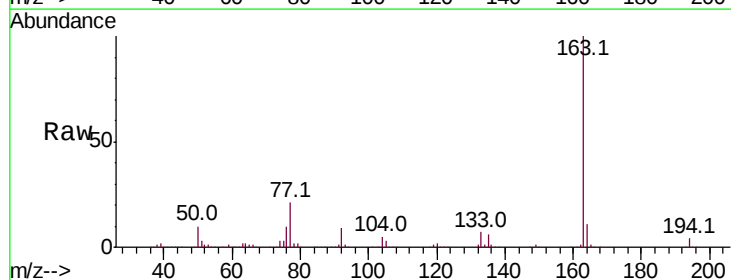
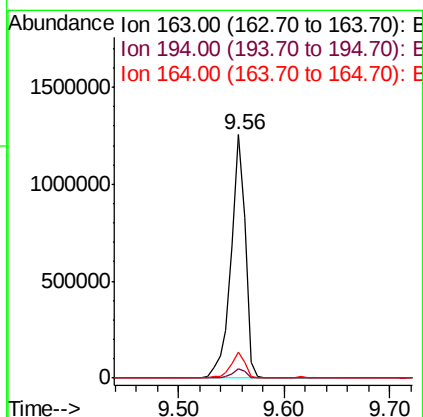
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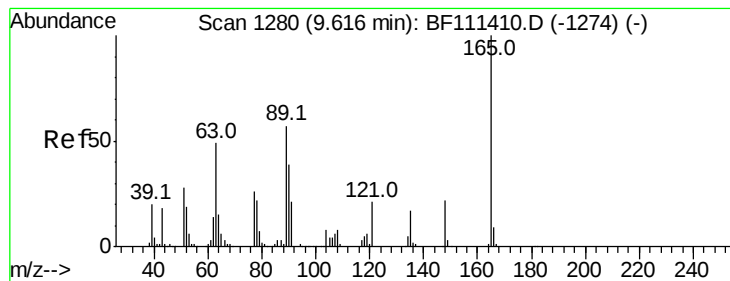
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#50
Dimethylphthalate
Concen: 39.408 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.6	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 40.118 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

ICVBF121418

Tot Ion:165 Resp: 266858

Ion Ratio Lower Upper

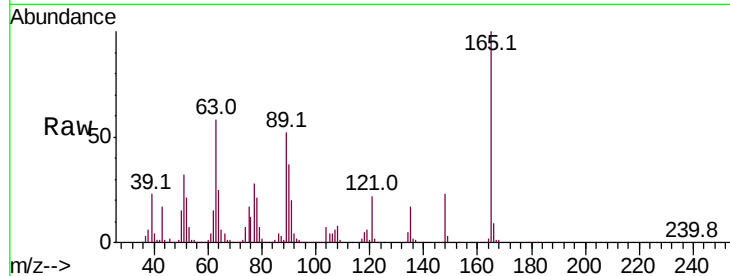
165 100

63 57.8 40.5 60.7

89 52.4 40.0 60.0

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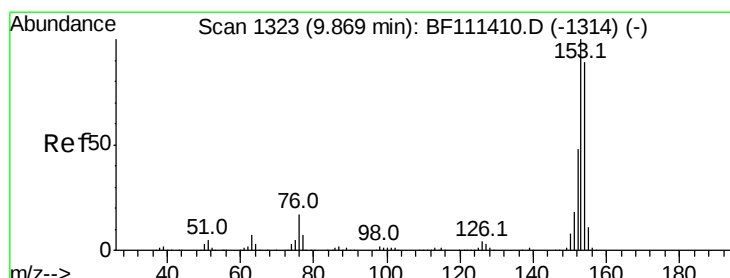
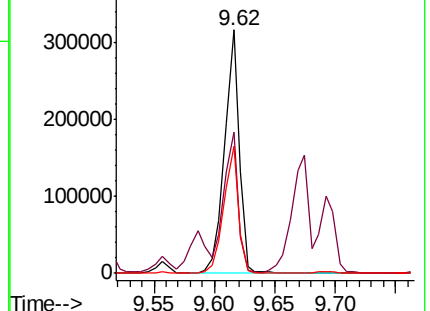
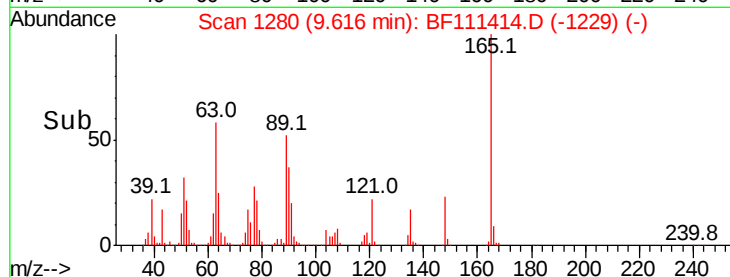
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.072 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

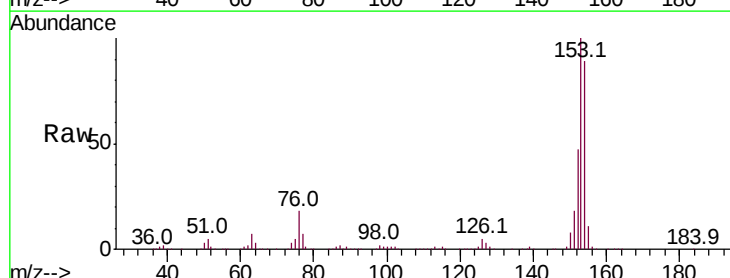
Tgt Ion:154 Resp: 968782

Ion Ratio Lower Upper

154 100

153 112.2 87.8 131.8

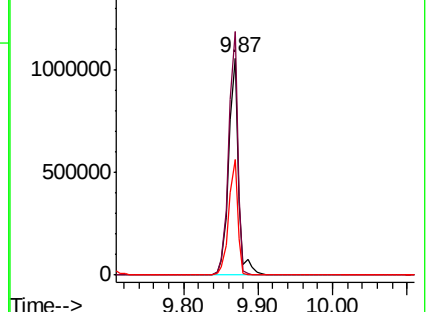
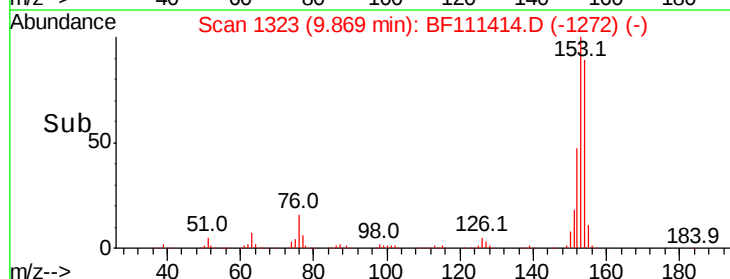
152 53.2 43.4 65.2

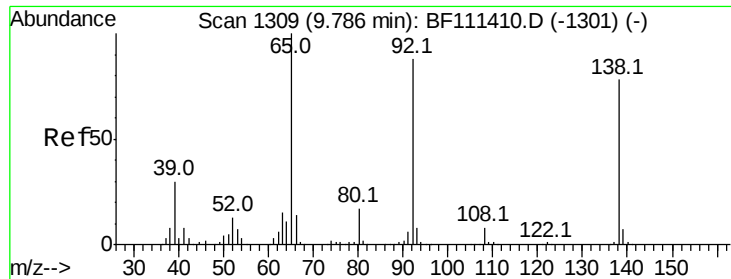


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





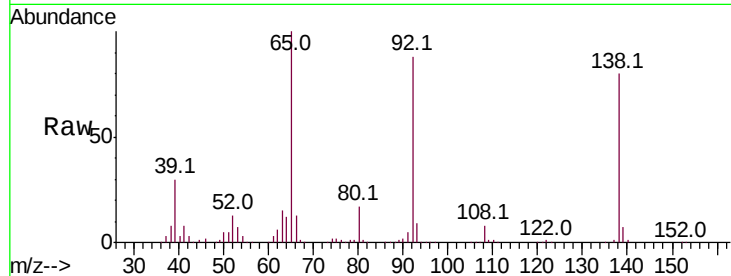
#53
3-Nitroaniline
Concen: 39.079 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.2	12.4
92	110.1	93.4	140.2

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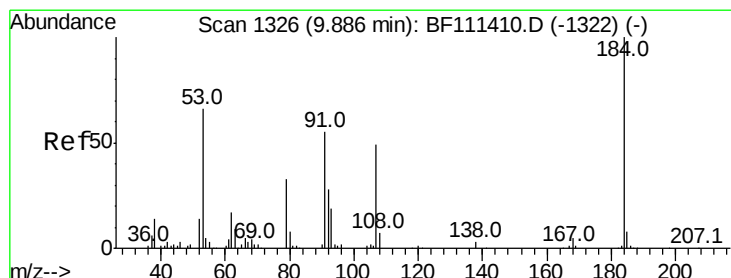
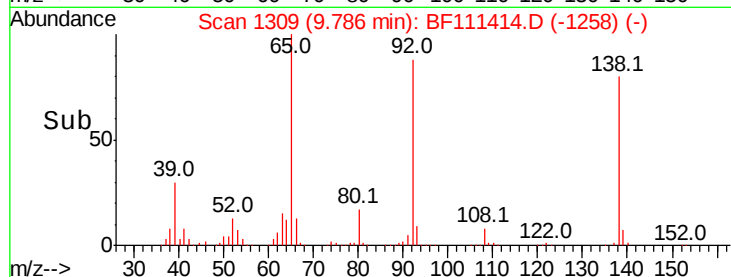
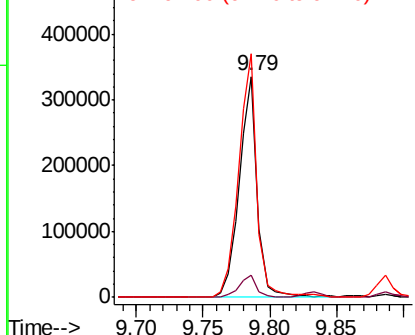


Abundance

Ion 138.00 (137.70 to 138.70): E

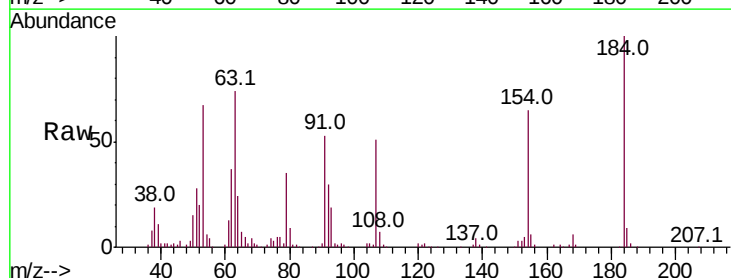
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 38.725 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.8	62.3	93.5
154	64.8	56.2	84.2

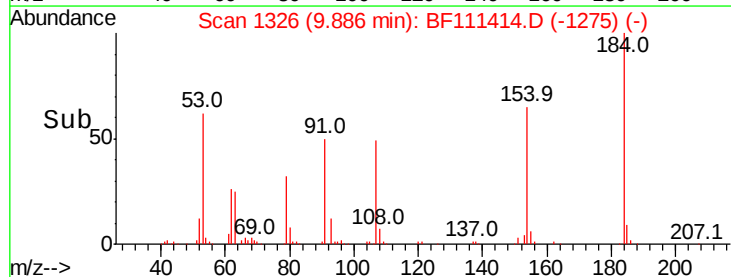
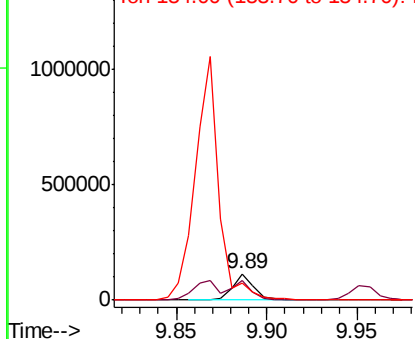


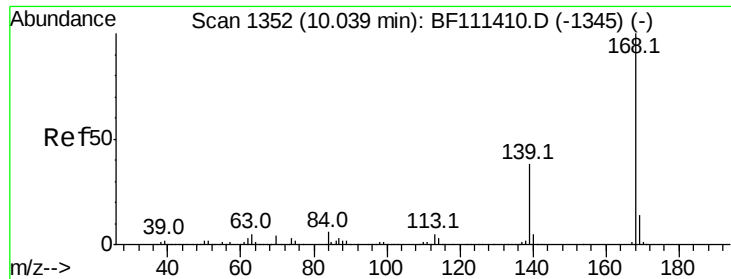
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





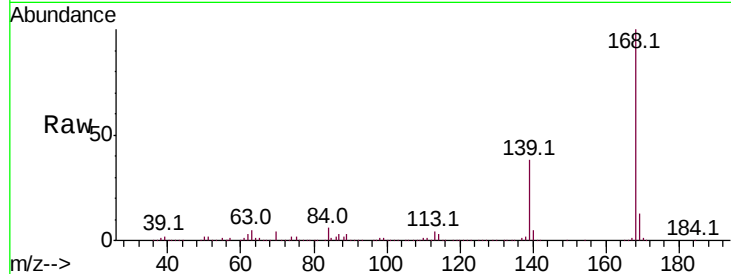
#55
Dibenzofuran
Concen: 39.259 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	32.6	49.0
169	13.4	11.8	17.6

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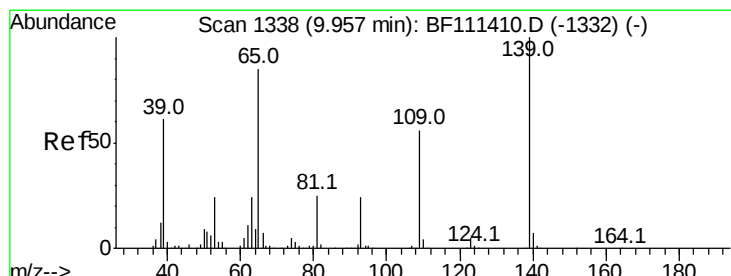
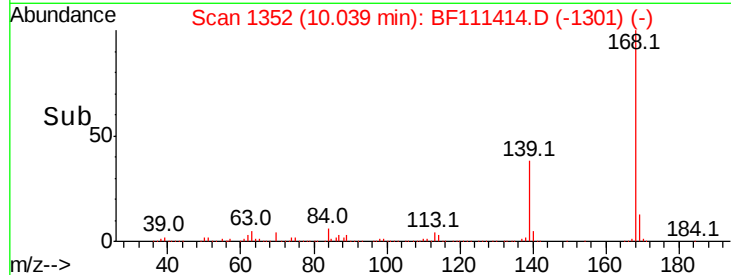
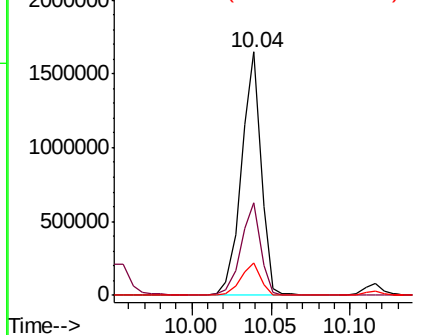


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 41.498 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

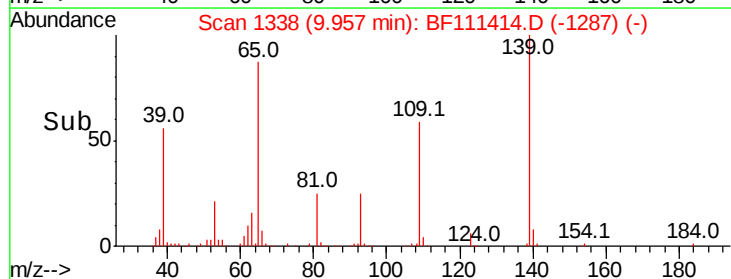
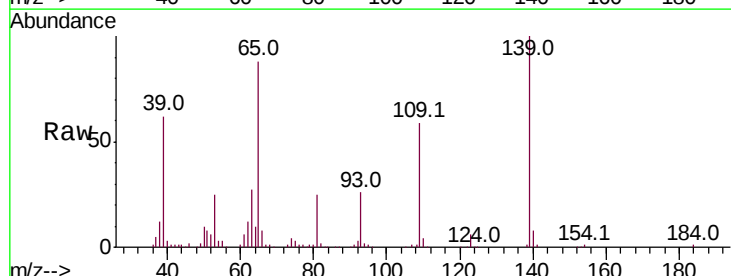
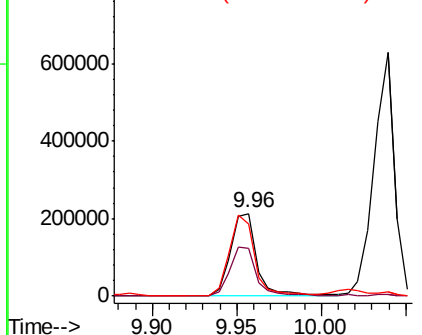
Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.7	41.8	81.8
65	88.1	79.6	119.6

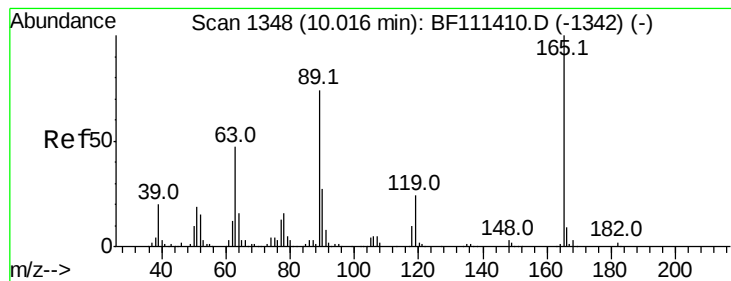
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.223 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

ICVBF121418

Tot Ion:165 Resp: 351178

Ion Ratio Lower Upper

165 100

63 47.3 34.6 52.0

89 73.3 56.2 84.4

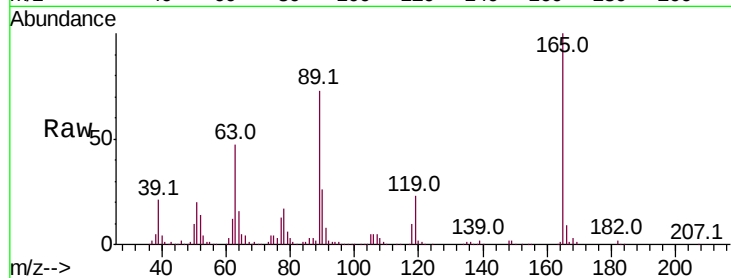
182 2.4 1.8 2.6

Manual Integrations

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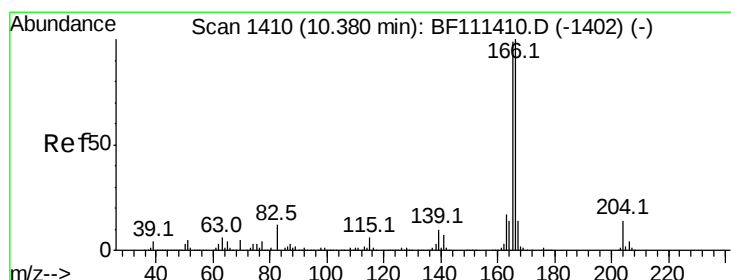
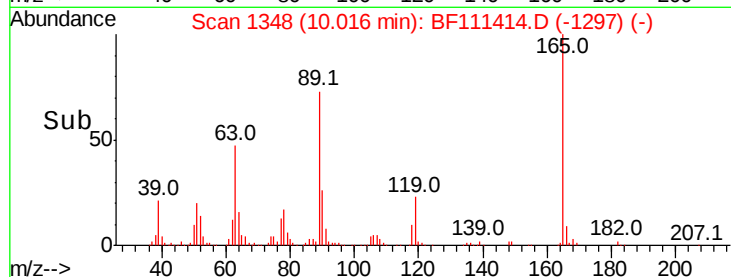
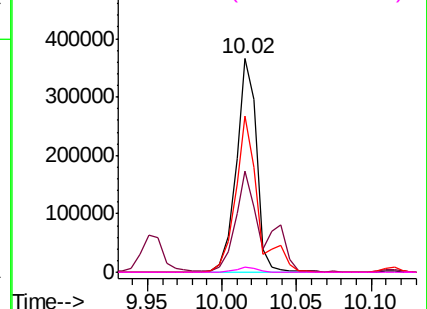


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.061 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

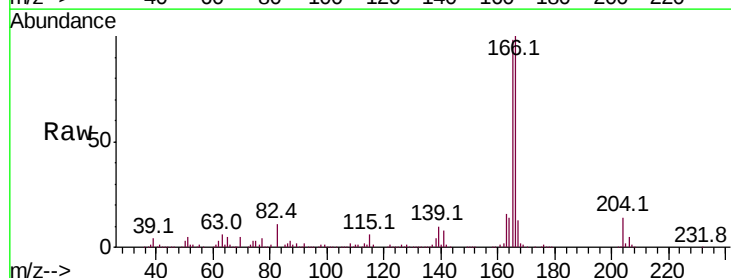
Tgt Ion:166 Resp: 1019685

Ion Ratio Lower Upper

166 100

165 97.6 78.4 117.6

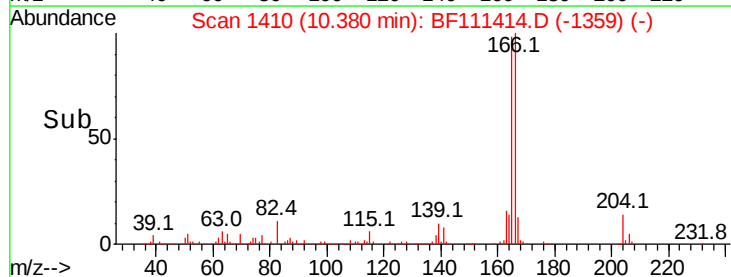
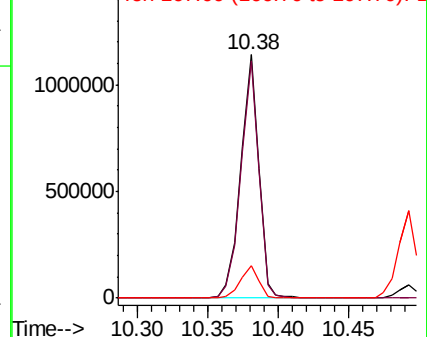
167 13.5 11.2 16.8

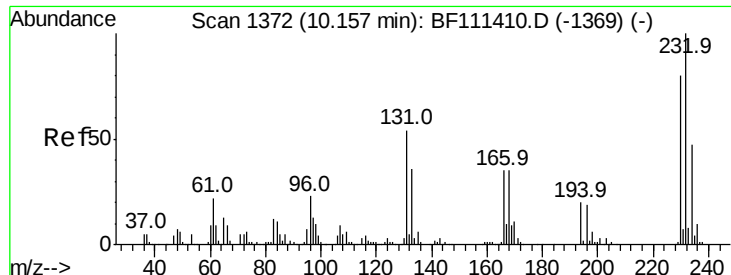


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.574 ng

RT: 10.16 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

ICVBF121418

Tot Ion:232 Resp: 262052

Ion Ratio Lower Upper

232 100

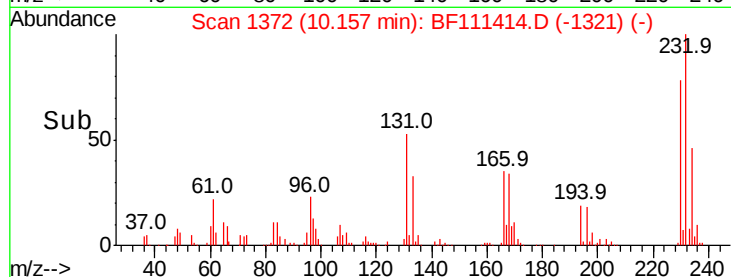
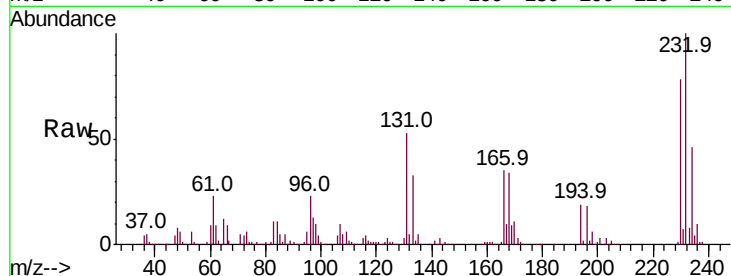
131 50.2 40.9 61.3

130 2.4 2.0 3.0

166 33.7 26.8 40.2

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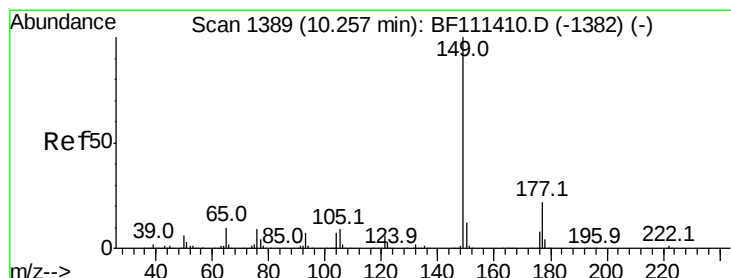
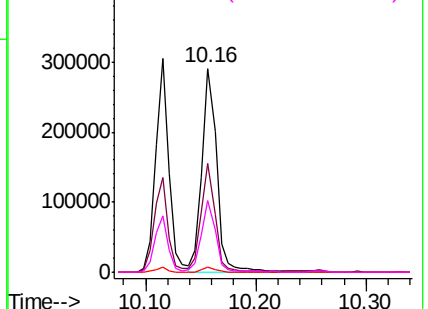


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.301 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

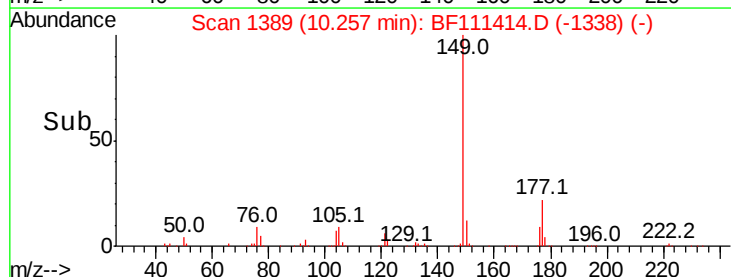
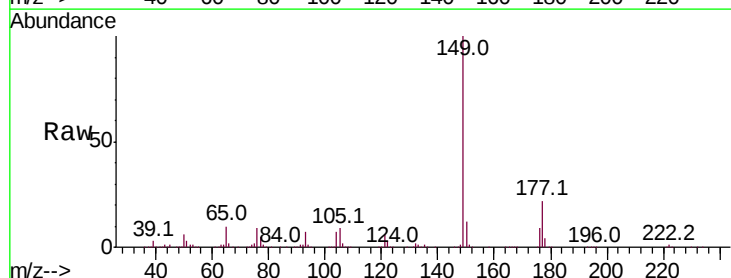
Tgt Ion:149 Resp: 1176465

Ion Ratio Lower Upper

149 100

177 21.5 18.3 27.5

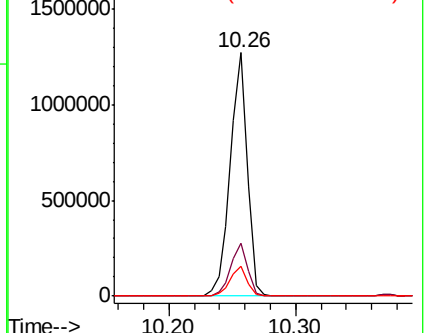
150 12.4 10.6 15.8

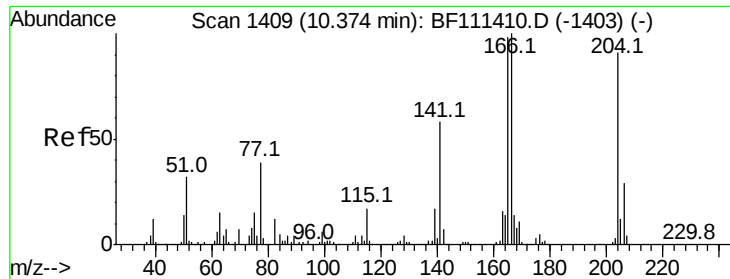


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





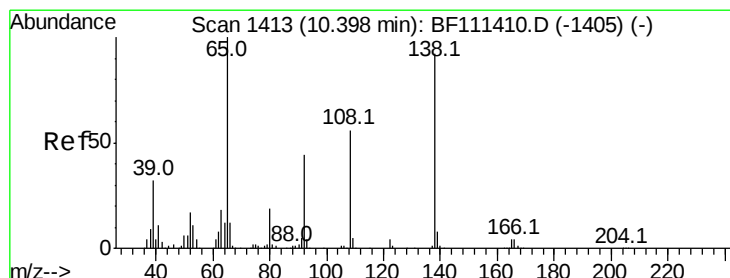
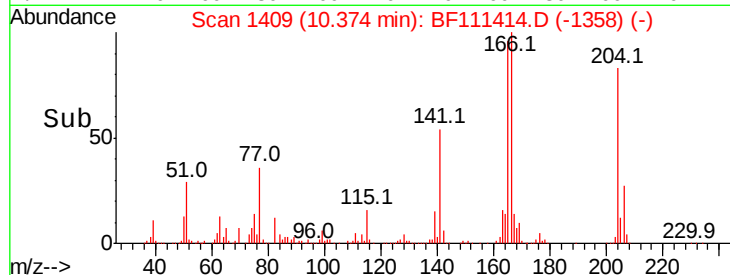
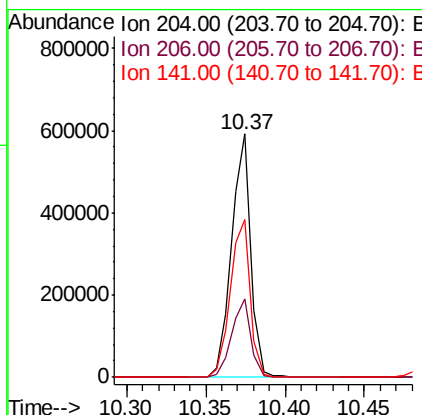
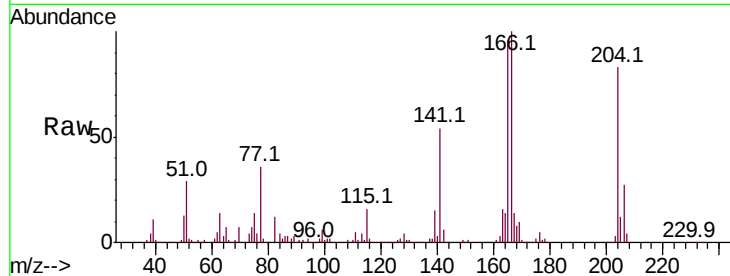
#61
 4-Chlorophenyl-phenylether
 Concen: 38.993 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121418

Tot Ion:	204	Resp:	498019
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.6	39.8
141	64.8	52.6	78.8

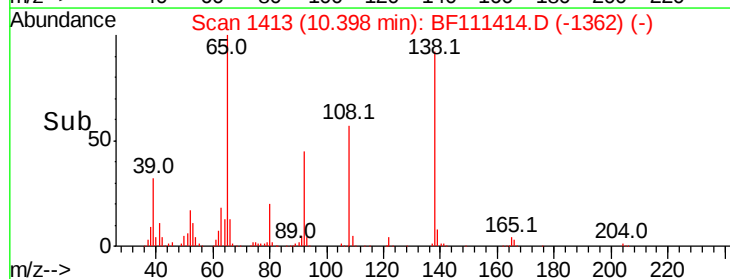
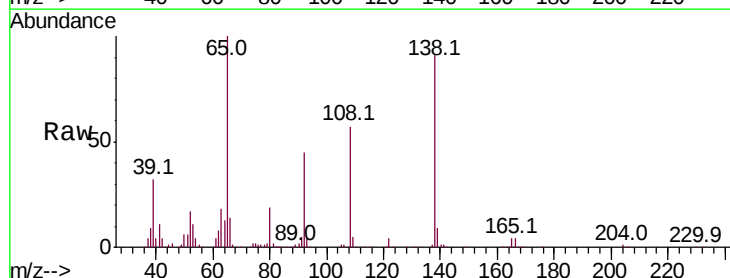
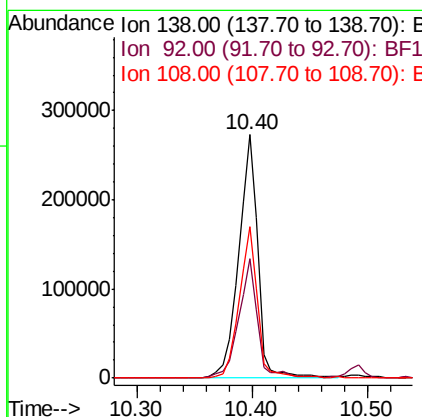
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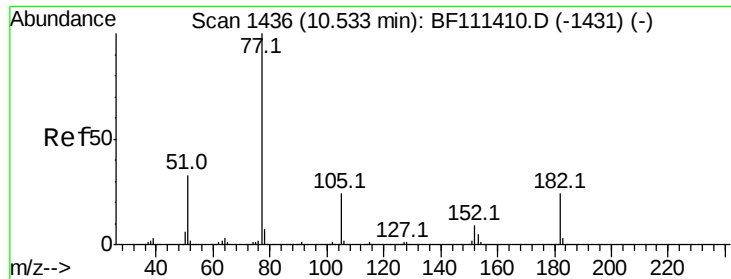
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#62
 4-Nitroaniline
 Concen: 39.406 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion:	138	Resp:	315179
Ion Ratio	Lower	Upper	
138	100		
92	48.9	29.9	69.9
108	62.2	43.2	83.2





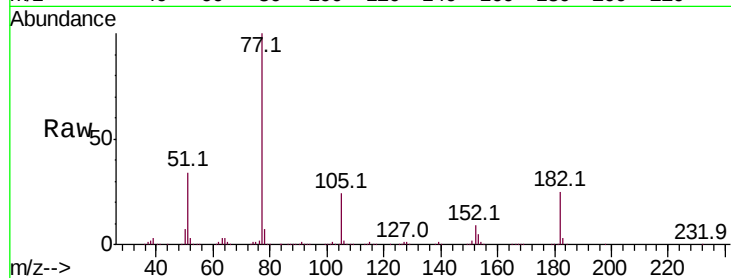
#63
Azobenzene
Concen: 38.424 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.9	44.9
105	23.8	6.0	46.0
51	34.1	14.7	54.7

Manual Integrations
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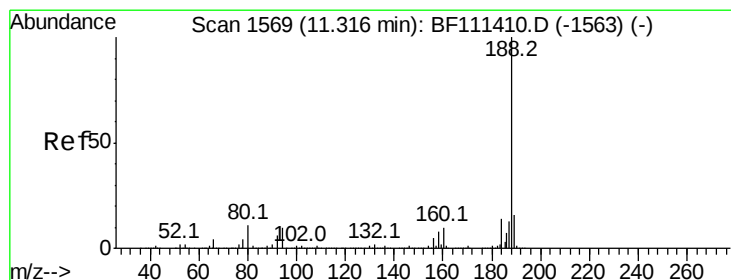
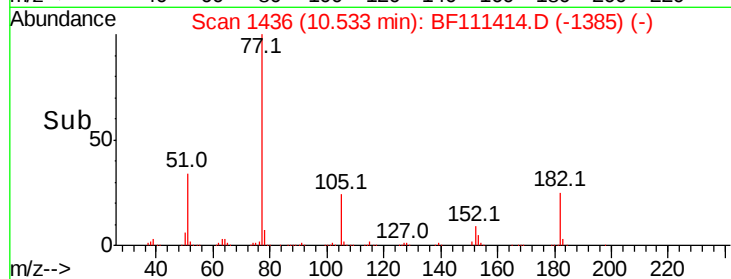
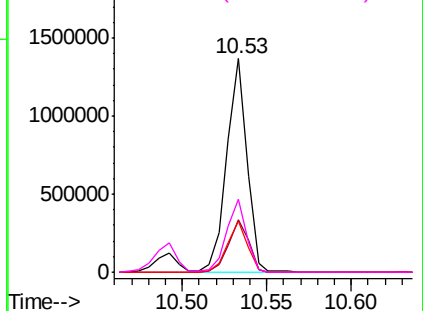
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

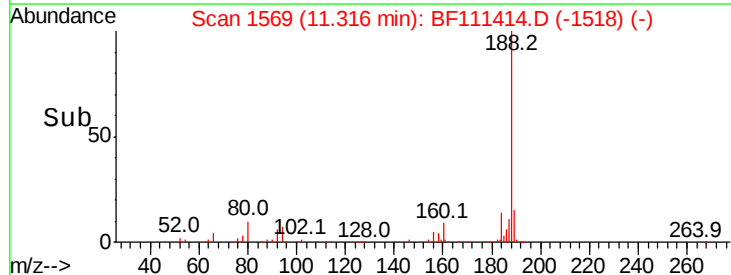
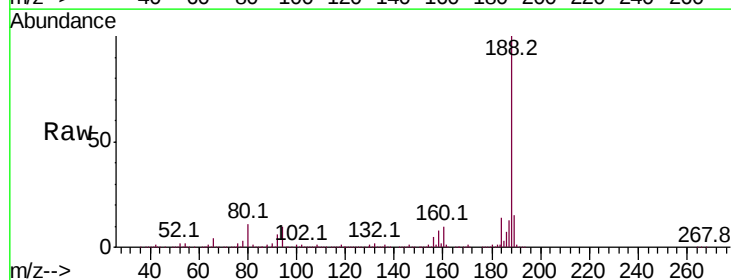
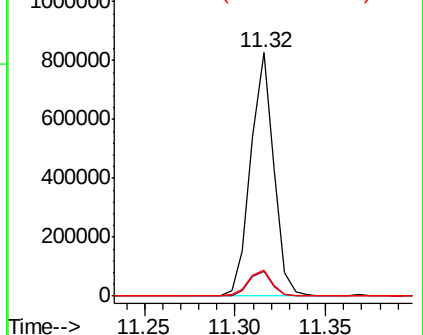
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.6	14.4
80	10.8	9.8	14.6

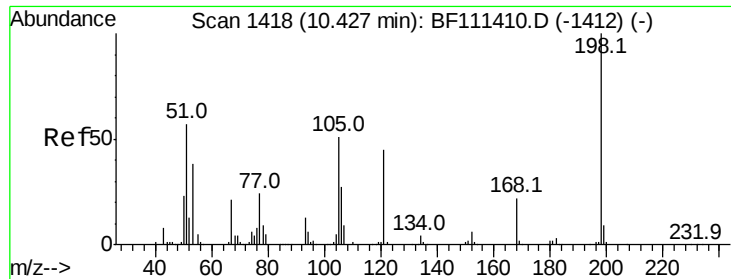
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





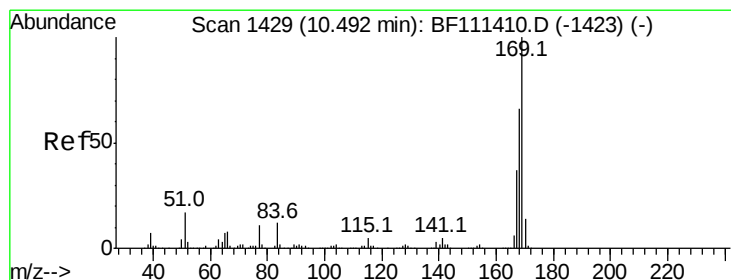
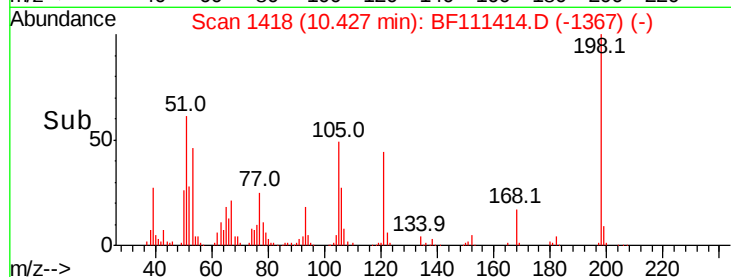
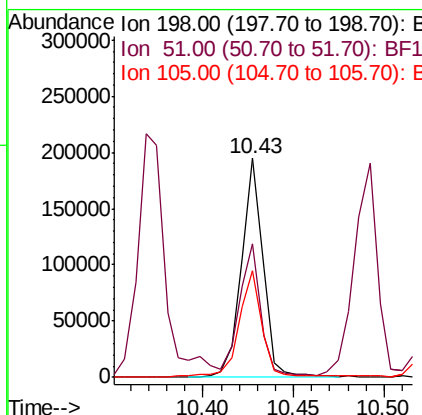
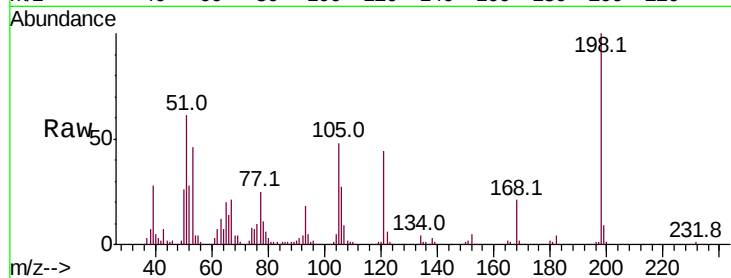
#65
4,6-Dinitro-2-methylphenol
Concen: 38.971 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
198	100		
51	60.8	48.0	88.0
105	48.5	34.0	74.0

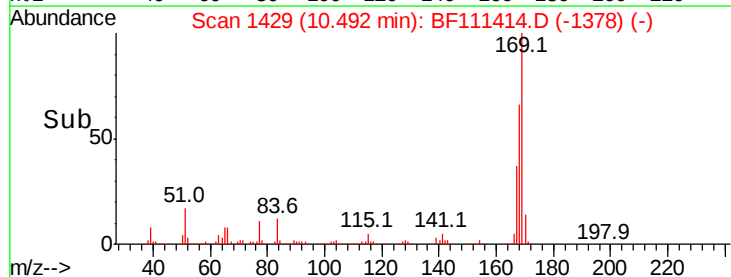
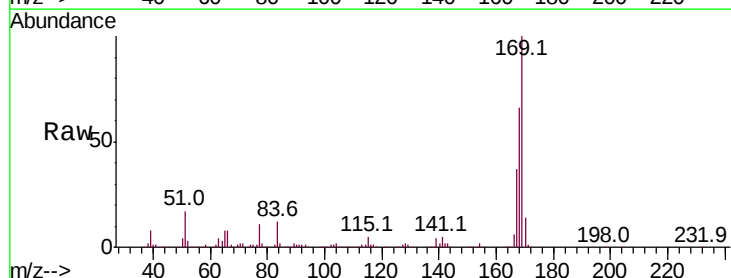
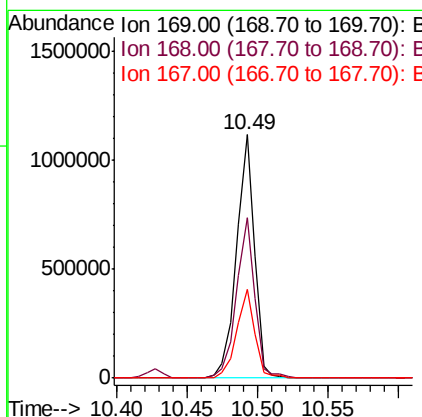
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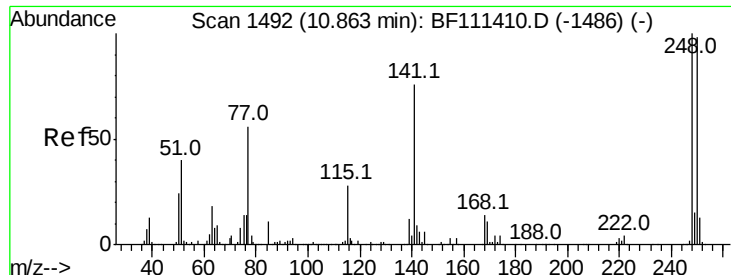
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 39.258 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.4	81.6
167	36.7	30.5	45.7





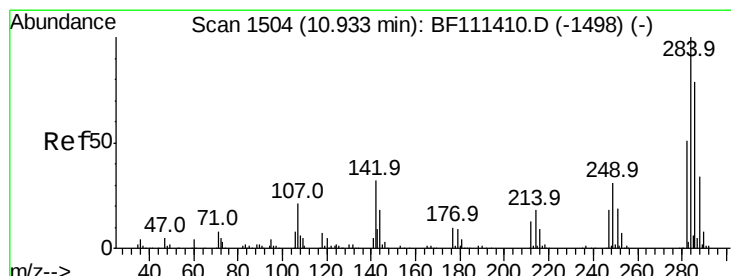
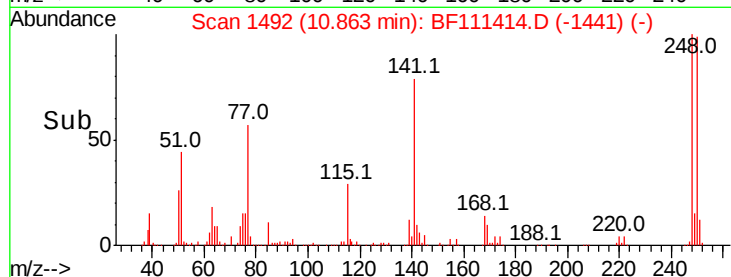
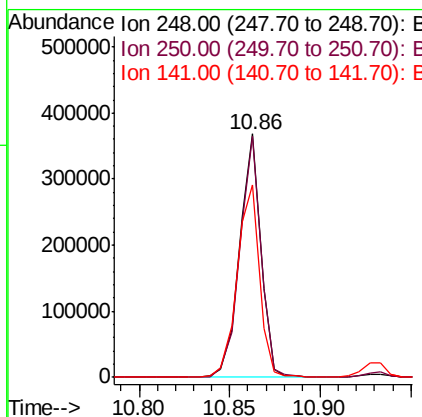
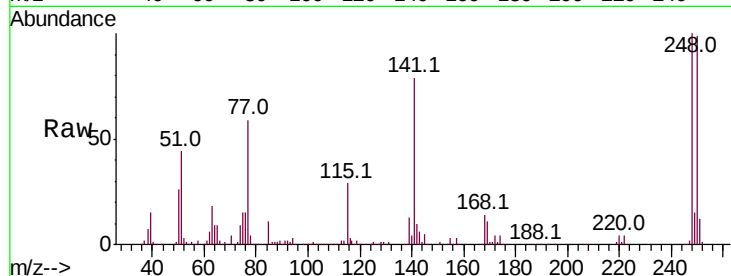
#67
 4-Bromophenyl-phenylether
 Concen: 38.194 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121418

Tot Ion:	248	Resp:	302053
Ion Ratio	Lower	Upper	
248	100		
250	99.2	77.0	115.4
141	79.3	63.0	94.6

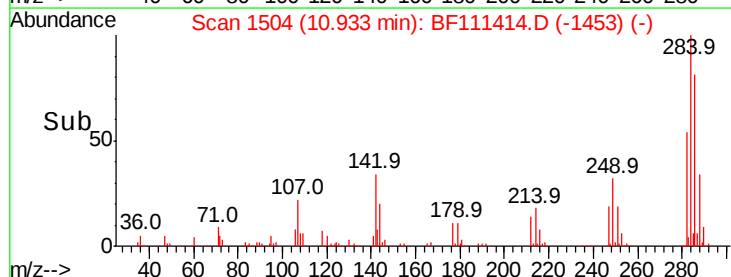
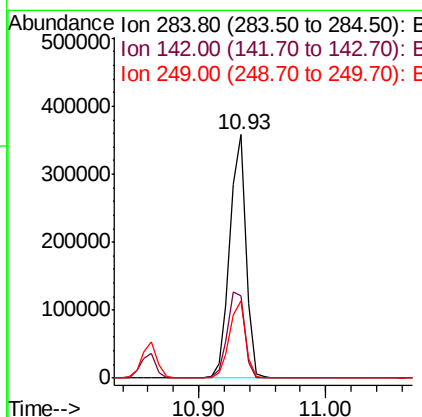
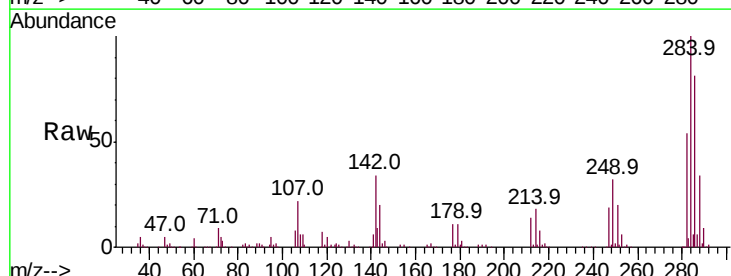
Manual Integrations
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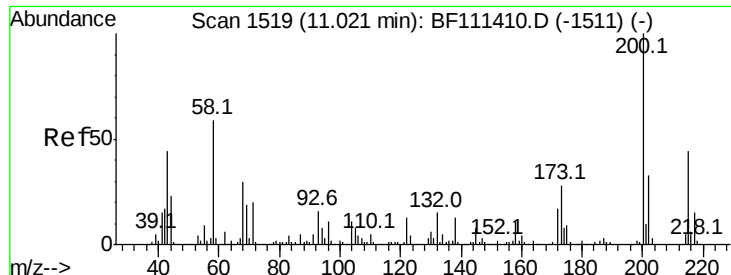
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#68
 Hexachlorobenzene
 Concen: 38.983 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion:	284	Resp:	317132
Ion Ratio	Lower	Upper	
284	100		
142	34.0	27.4	41.2
249	31.8	24.4	36.6





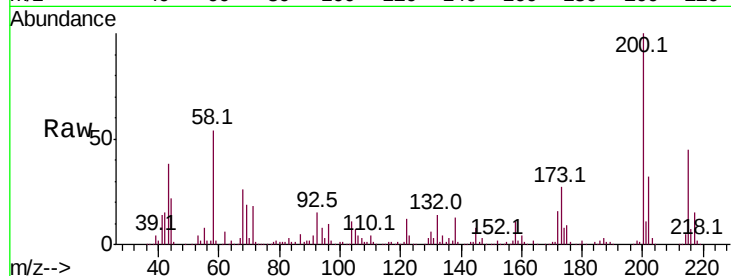
#69
Atrazine
Concen: 40.020 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	10.1	50.1
215	44.6	26.9	66.9

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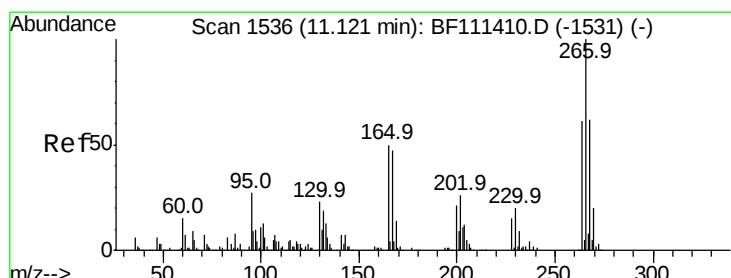
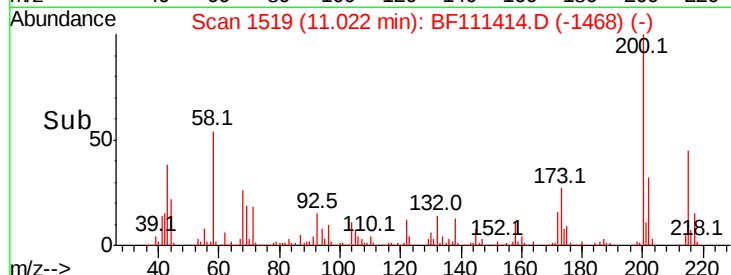
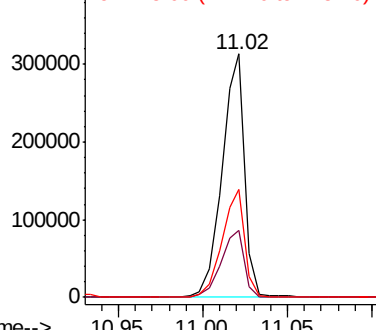


Abundance

Ion 200.00 (199.70 to 200.70): E

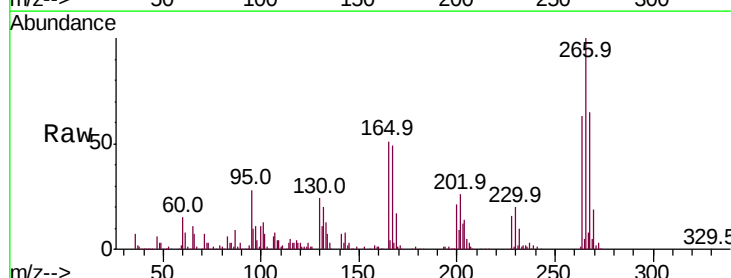
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 39.702 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	47.9	71.9
264	63.3	49.1	73.7

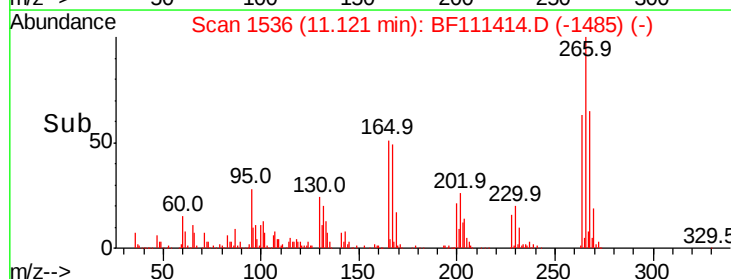
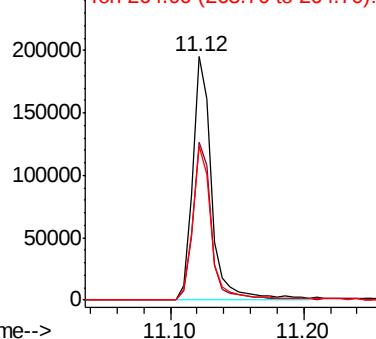


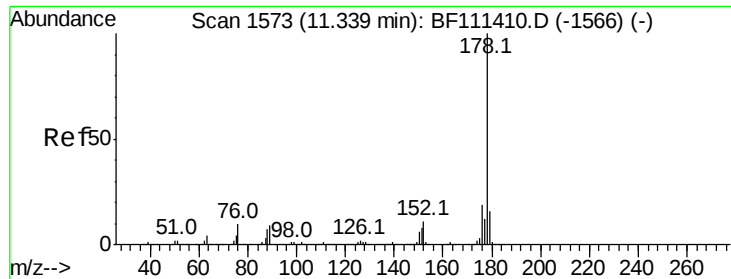
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





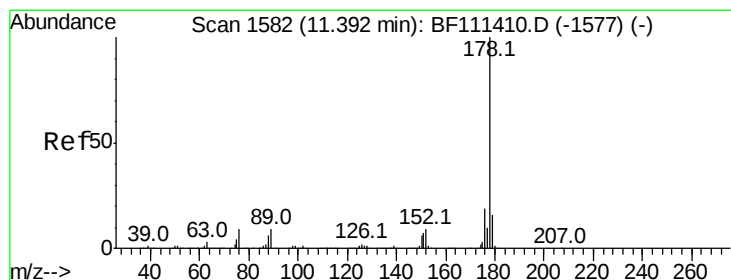
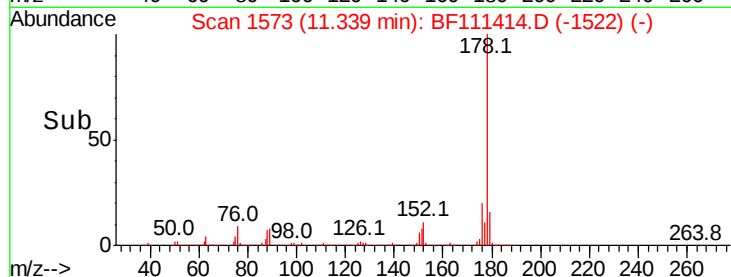
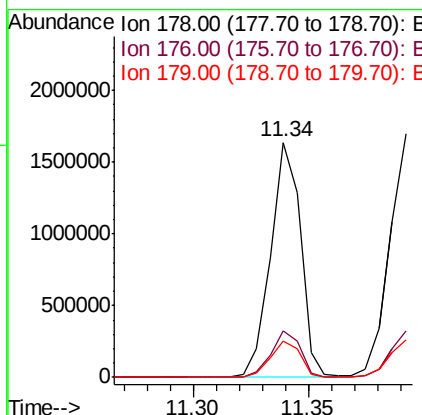
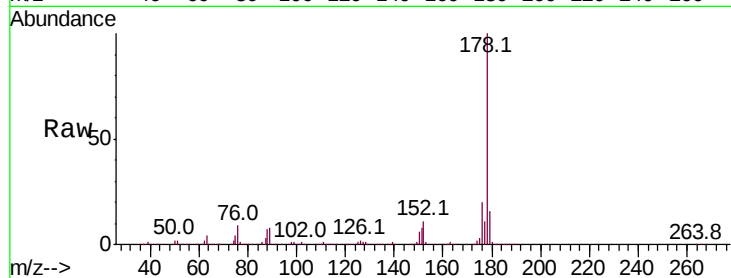
#71
Phenanthrene
Concen: 39.148 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion:178 Resp: 1480174
Ion Ratio Lower Upper
178 100
176 19.8 18.1 27.1
179 15.7 14.0 21.0

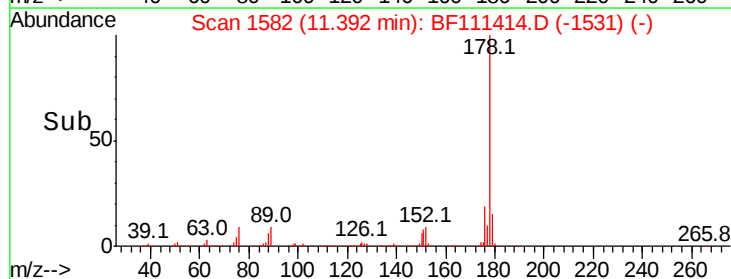
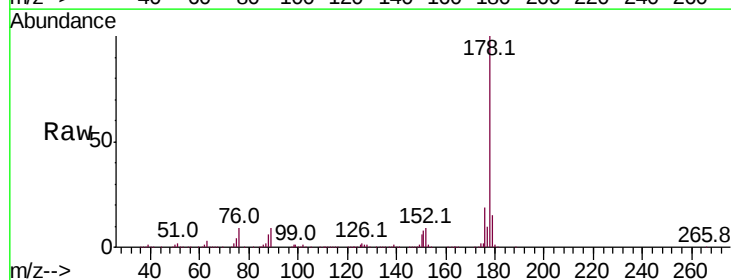
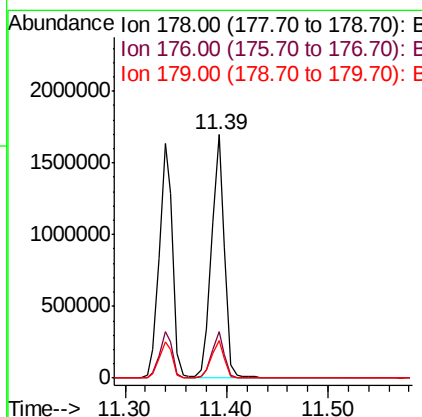
Manual Integrations
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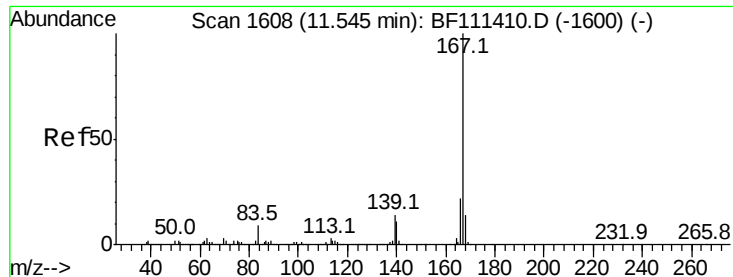
Sohil
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#72
Anthracene
Concen: 39.065 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion:178 Resp: 1510517
Ion Ratio Lower Upper
178 100
176 18.9 17.2 25.8
179 15.4 13.8 20.8





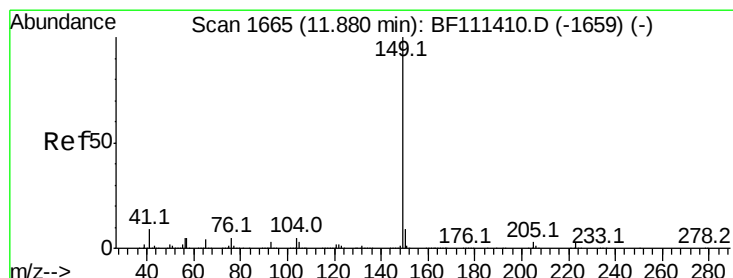
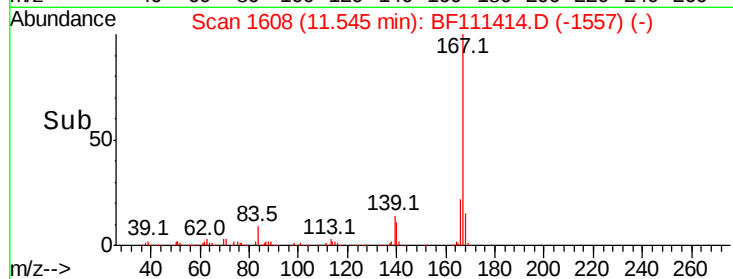
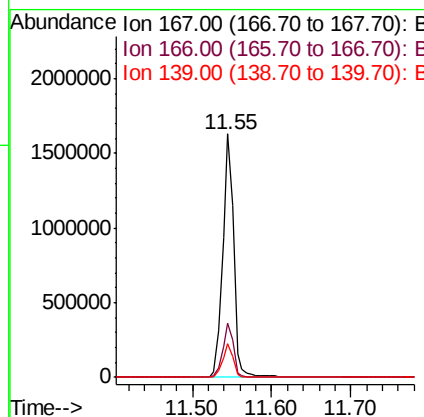
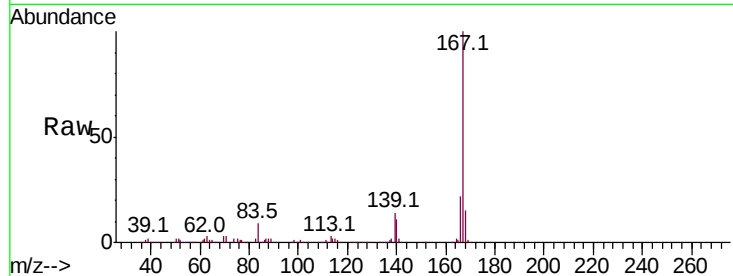
#73
 Carbazole
 Concen: 39.199 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121418

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.3	28.9
139	14.1	11.9	17.9

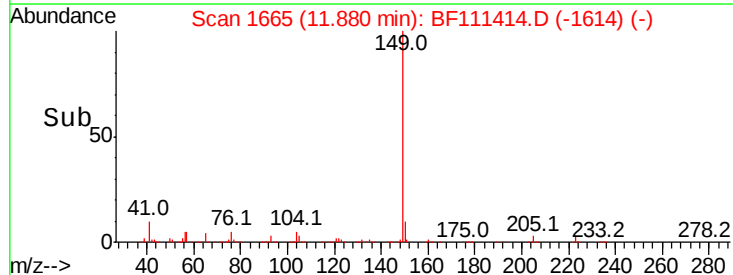
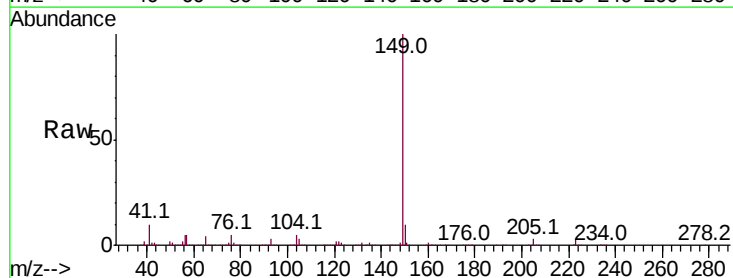
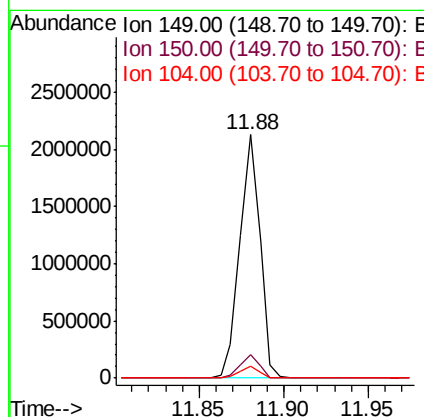
Manual Integrations
 APPROVED

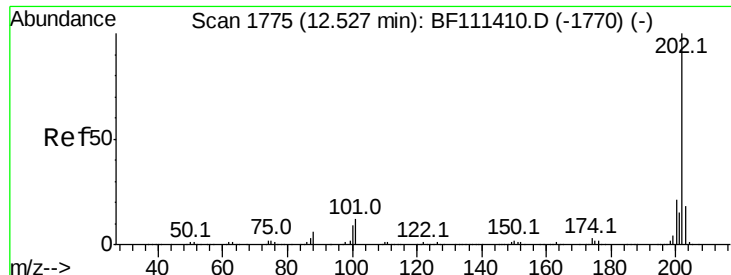
Sohil
 12/17/2018 2:36:17 PM



#74
 Di-n-butylphthalate
 Concen: 39.893 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111414.D
 Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.8	13.2
104	5.0	4.5	6.7





#75

Fluoranthene

Concen: 40.198 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

ICVBF121418

Tot Ion:202 Resp: 1486896

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.8

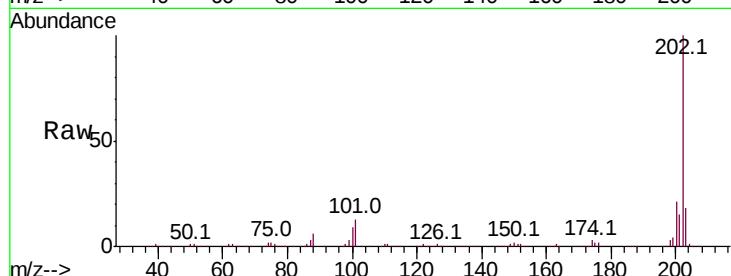
203 17.9 0.0 38.6

Manual Integrations

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Sohil

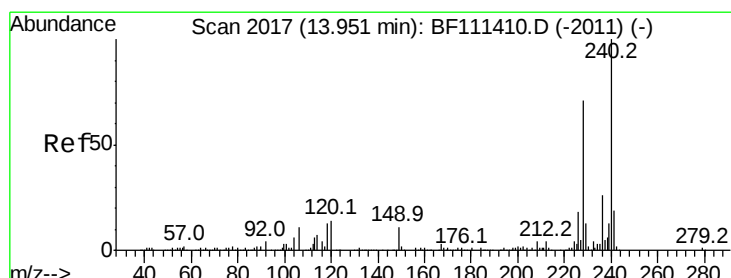
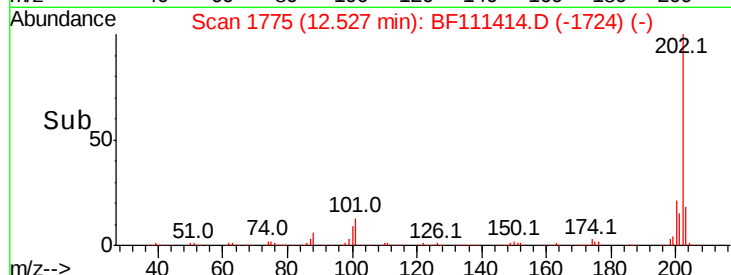
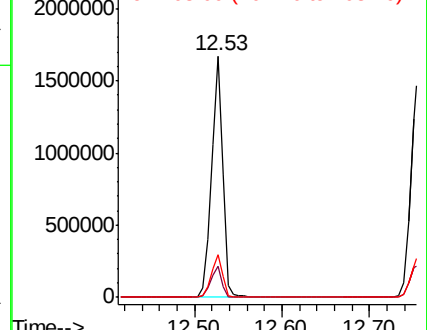
12/17/2018 2:36:17 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

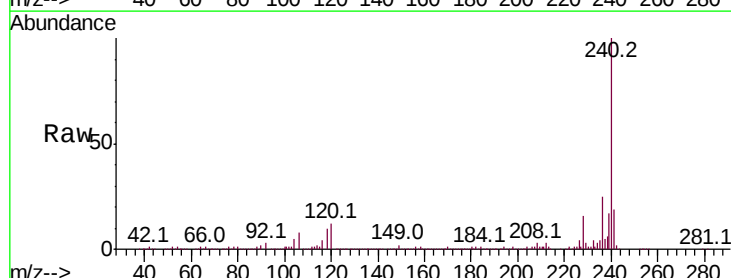
Tgt Ion:240 Resp: 588277

Ion Ratio Lower Upper

240 100

120 11.6 12.2 18.2#

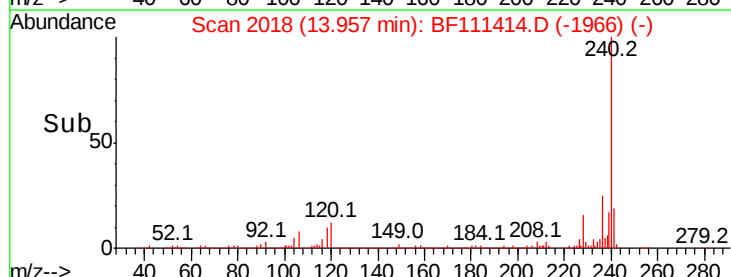
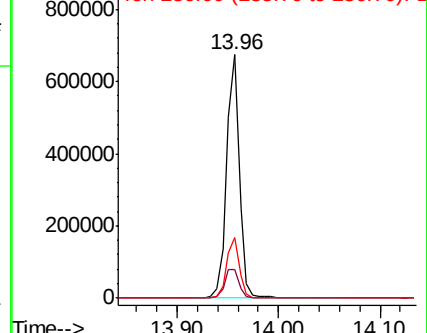
236 24.6 20.2 30.2

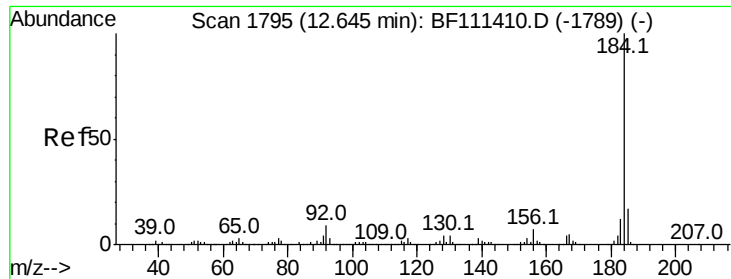


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.195 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

ICVBF121418

Tot Ion:184 Resp: 761103

Ion Ratio Lower Upper

184 100

185 17.2 13.0 19.6

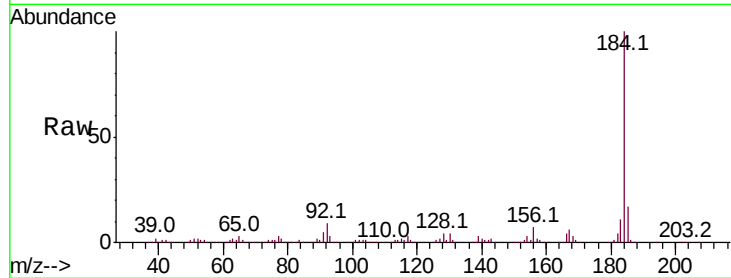
183 11.2 9.3 13.9

Manual Integrations

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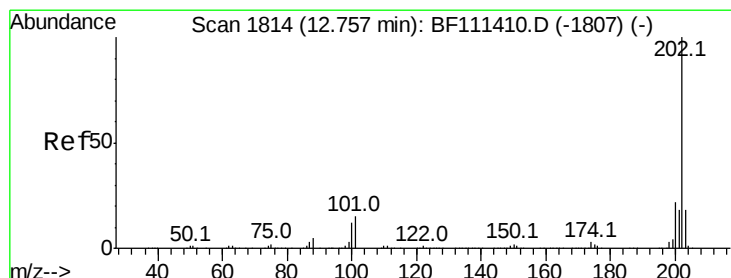
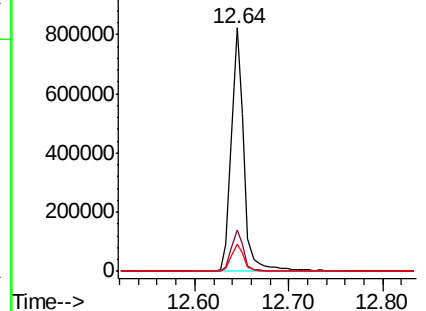
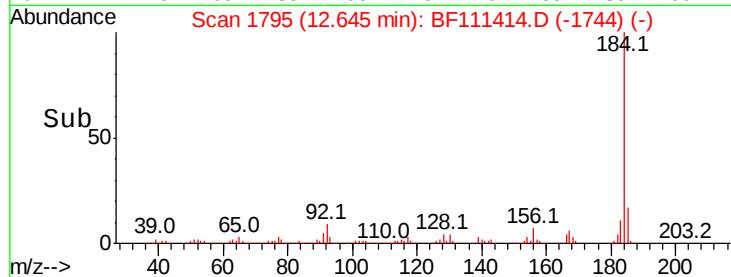
12/17/2018 2:36:17 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.582 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

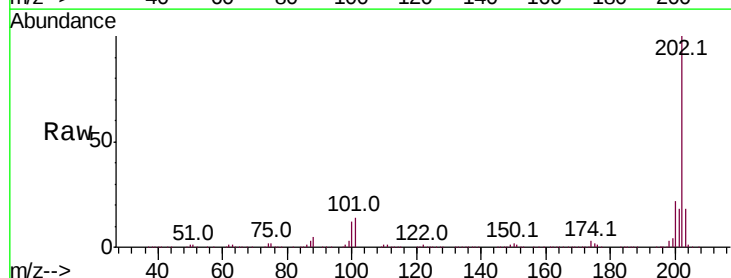
Tgt Ion:202 Resp: 1558735

Ion Ratio Lower Upper

202 100

200 21.6 19.0 28.4

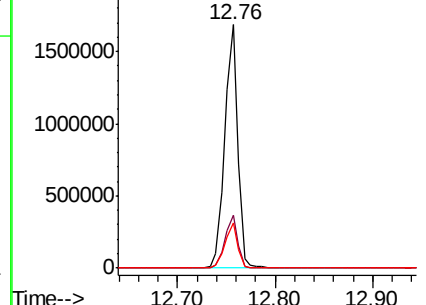
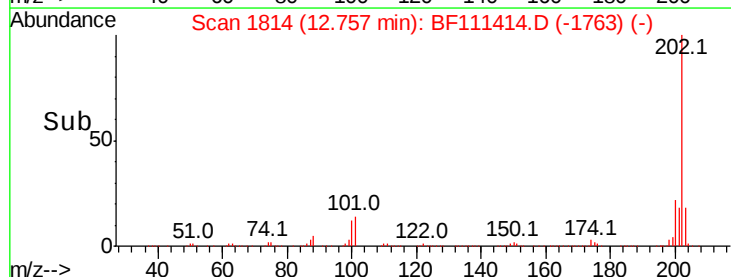
203 18.4 15.2 22.8

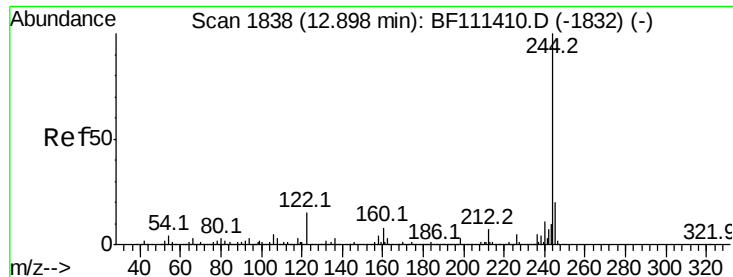


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.443 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

ICVBF121418

Tot Ion:244 Resp: 1864932

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

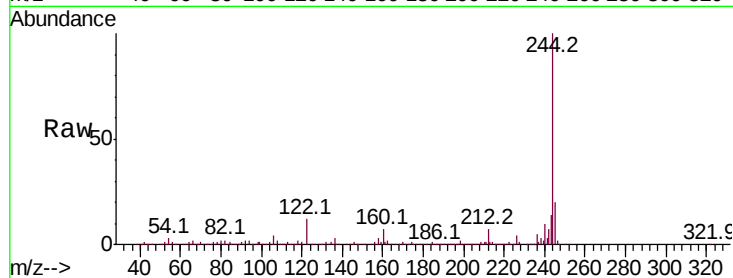
122 12.1 13.1 19.7#

Manual Integrations

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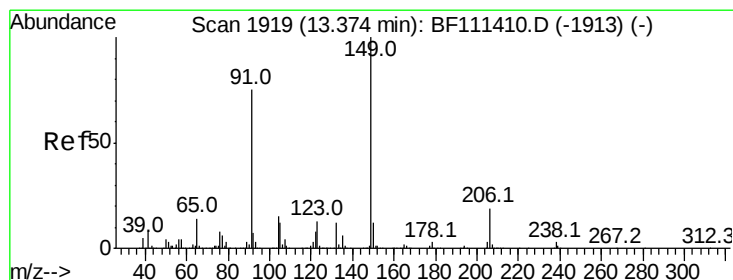
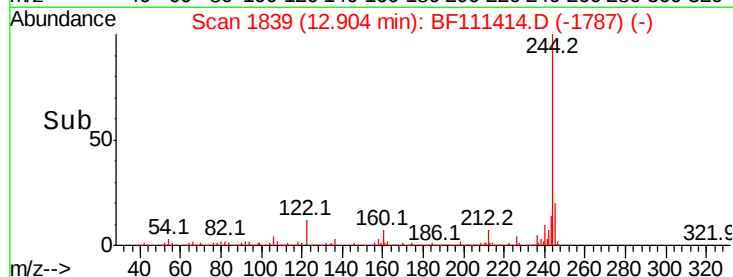
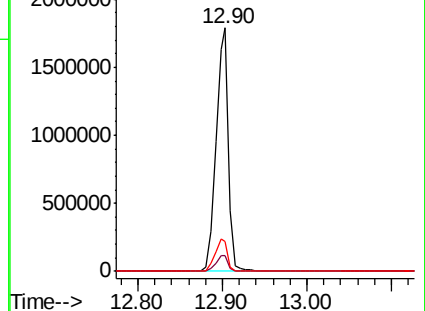
12/17/2018 2:36:17 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.781 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

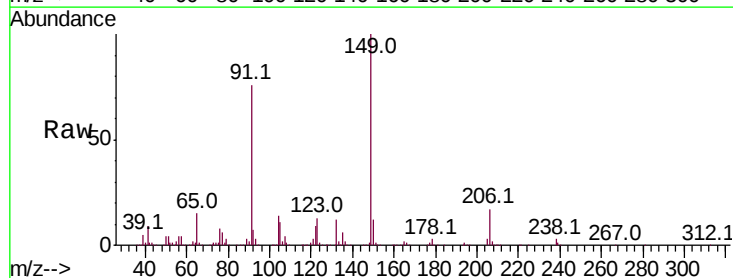
Tgt Ion:149 Resp: 763803

Ion Ratio Lower Upper

149 100

91 75.9 63.8 95.6

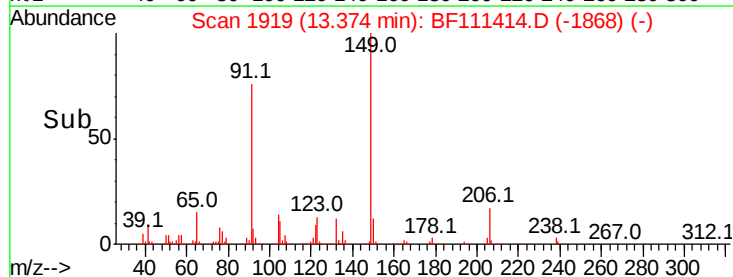
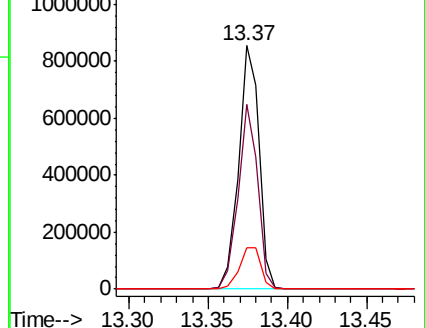
206 17.2 15.1 22.7

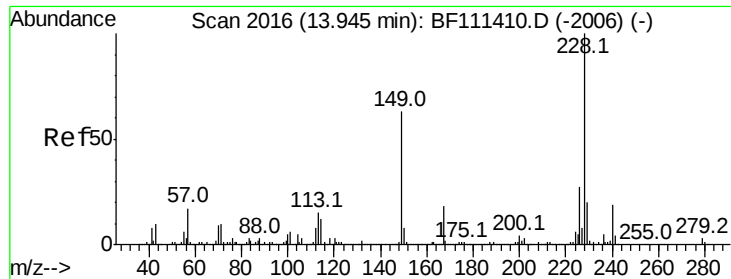


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





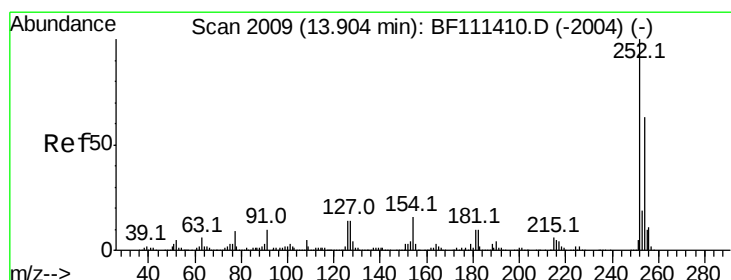
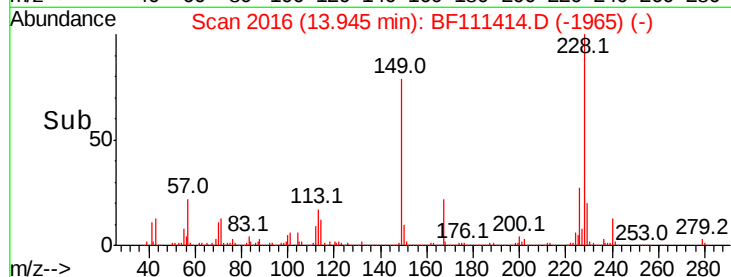
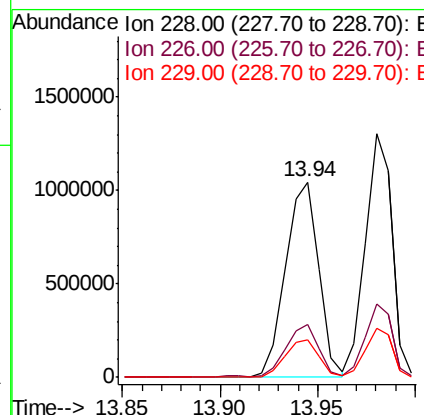
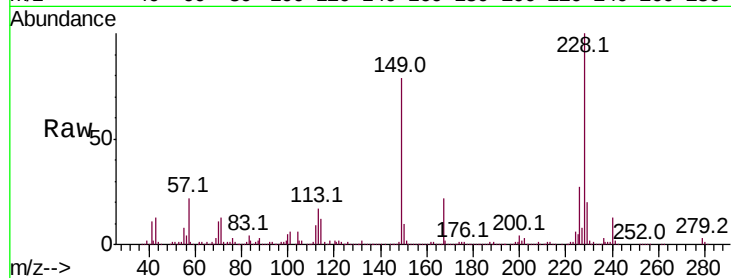
#81
Benzo(a)anthracene
Concen: 38.399 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	19.5	16.3	24.5

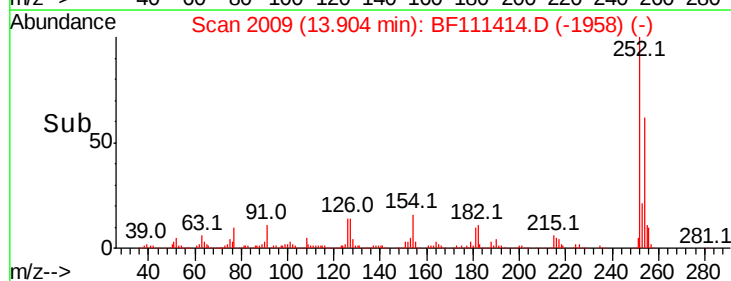
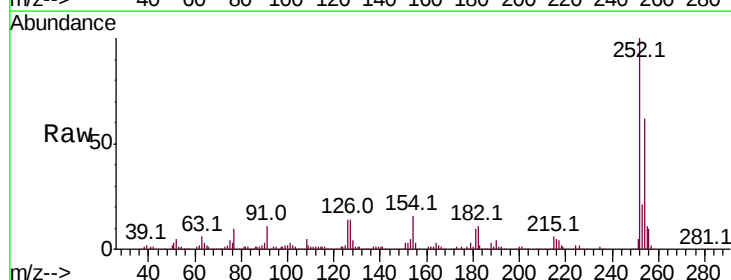
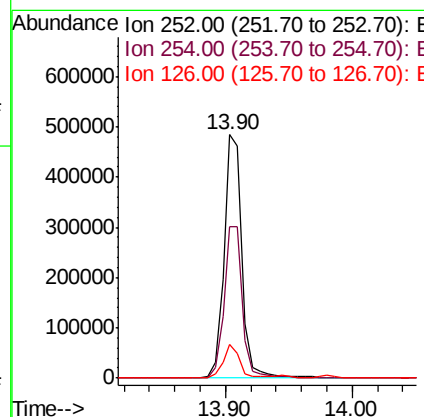
Manual Integrations
APPROVED

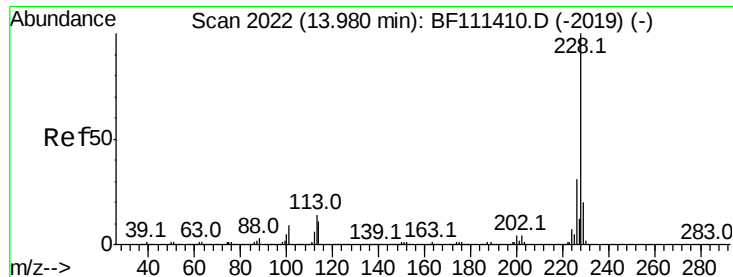
Sohil
12/17/2018 2:36:17 PM



#82
3,3'-Dichlorobenzidine
Concen: 36.794 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.7	79.1
126	13.9	11.1	16.7





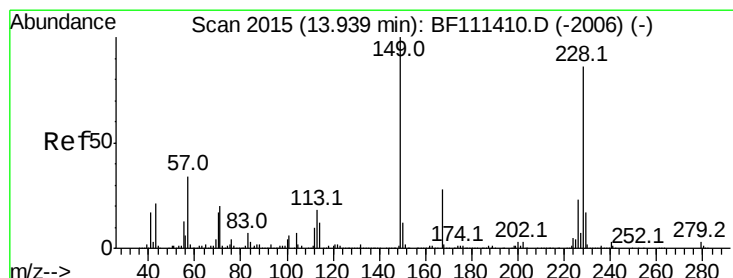
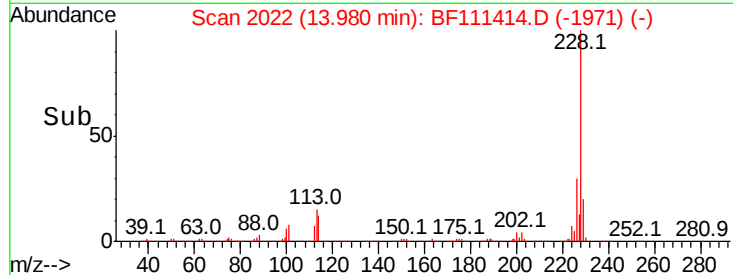
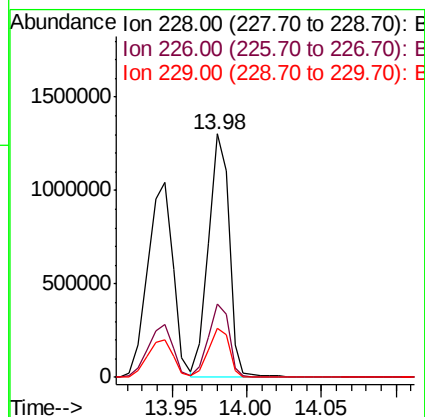
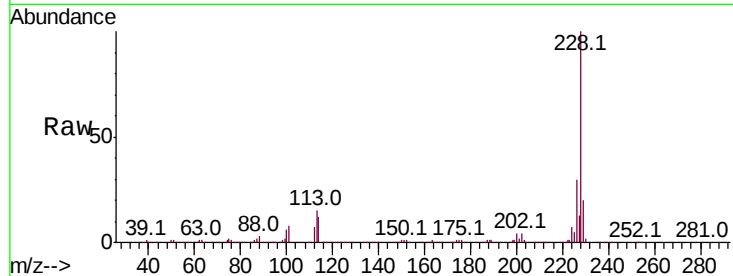
#83
Chrvsene
Concen: 37.061 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.3	37.9
229	20.1	17.2	25.8

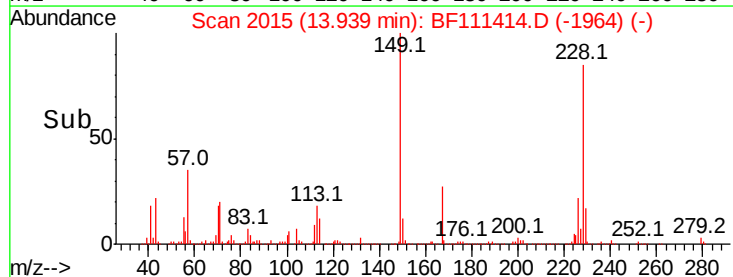
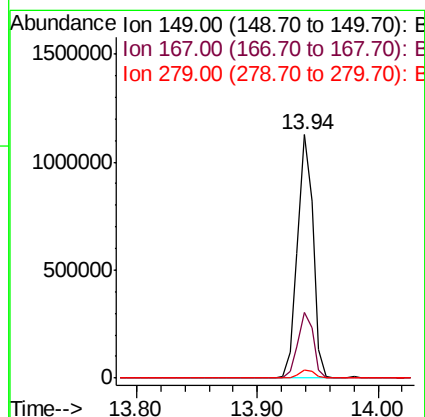
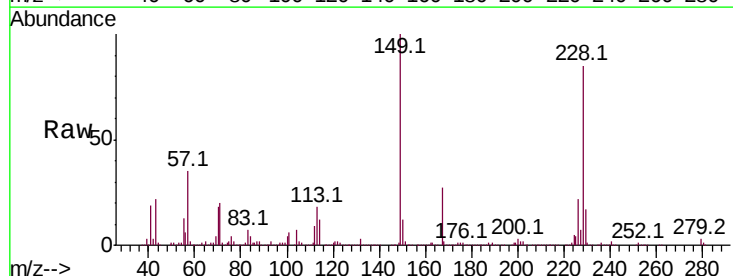
Manual Integrations
APPROVED

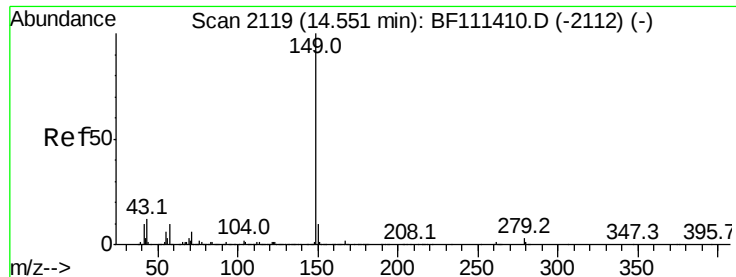
Sohil
12/17/2018 2:36:17 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.442 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.5	33.7
279	3.1	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 39.765 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

Instrument :

BNA_F

ClientSampleId :

ICVBF121418

Tot Ion:149 Resp: 1731933

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

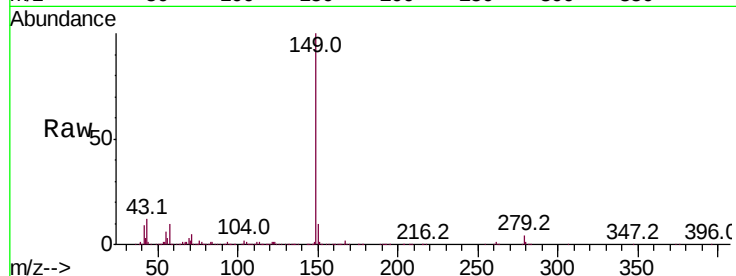
43 12.9 10.9 16.3

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Sohil

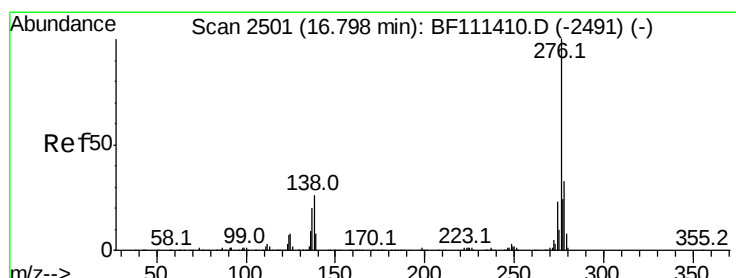
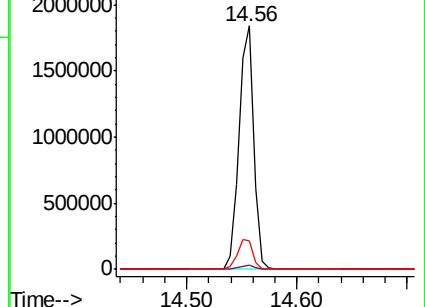
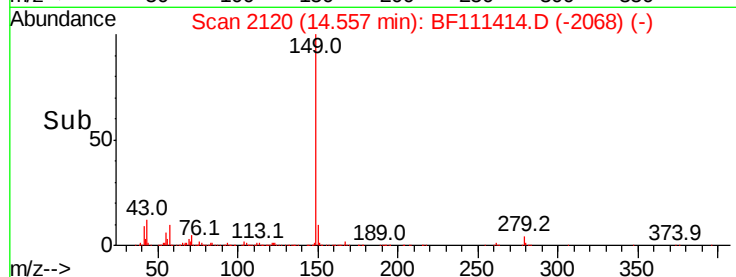
12/17/2018 2:36:17 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.061 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111414.D

Acq: 14 Dec 2018 13:06

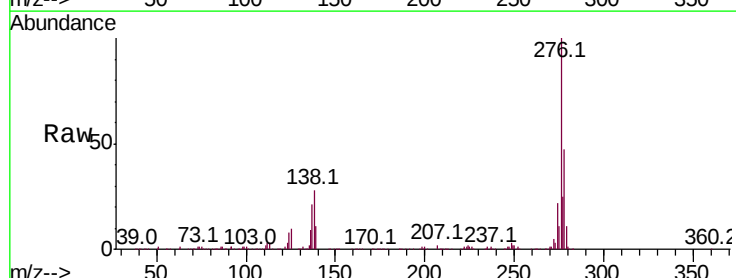
Tgt Ion:276 Resp: 852679

Ion Ratio Lower Upper

276 100

138 31.1 27.8 41.6

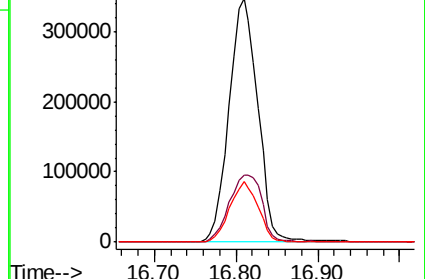
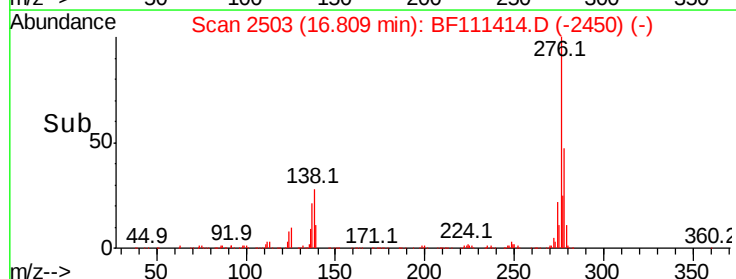
277 24.7 20.1 30.1

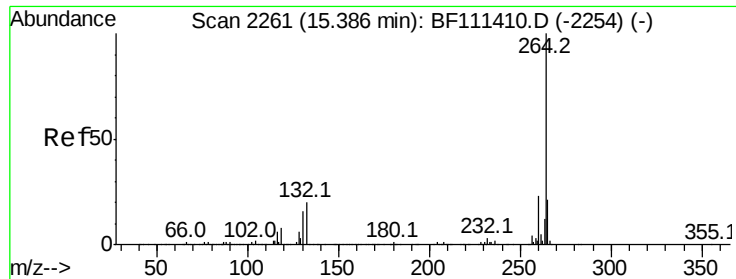


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





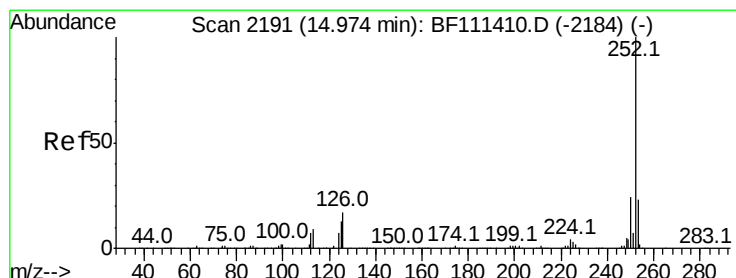
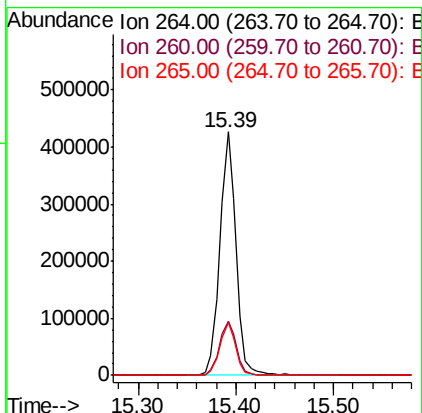
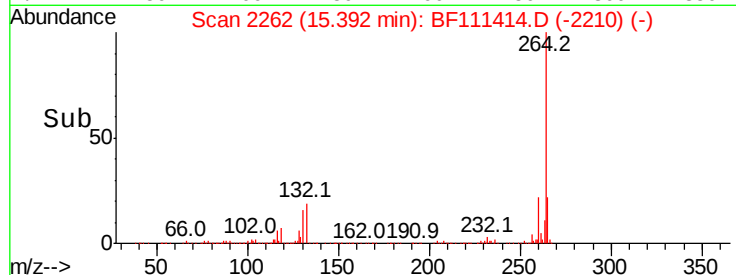
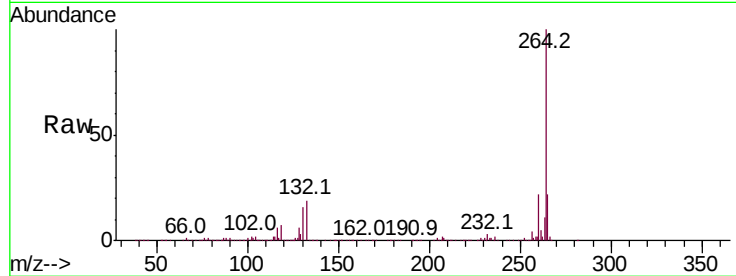
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.3	27.5
265	21.9	17.7	26.5

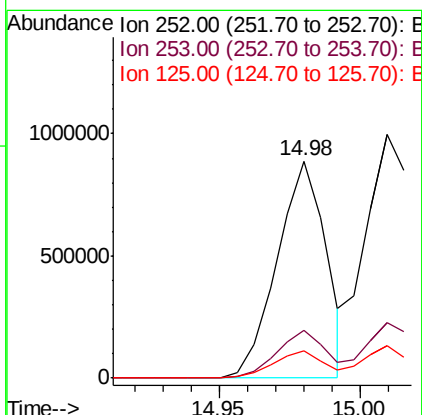
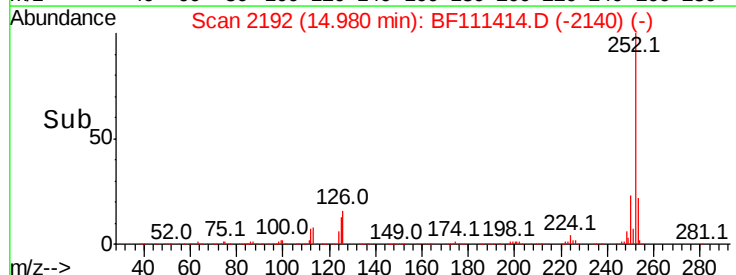
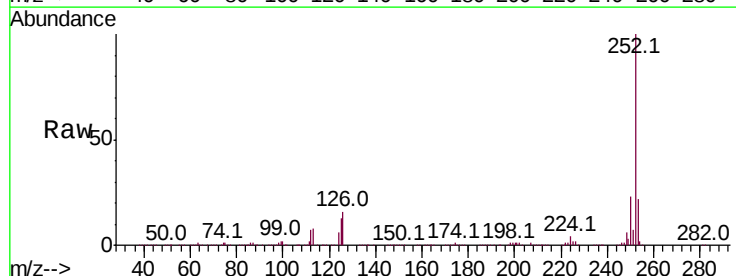
Manual Integrations
APPROVED

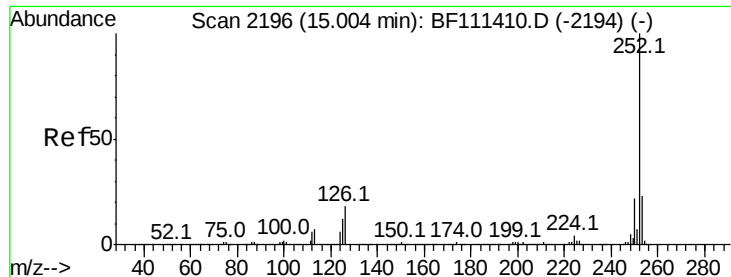
Sohil
12/17/2018 2:36:17 PM



#88
Benzo(b)fluoranthene
Concen: 37.467 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	12.9	10.4	15.6





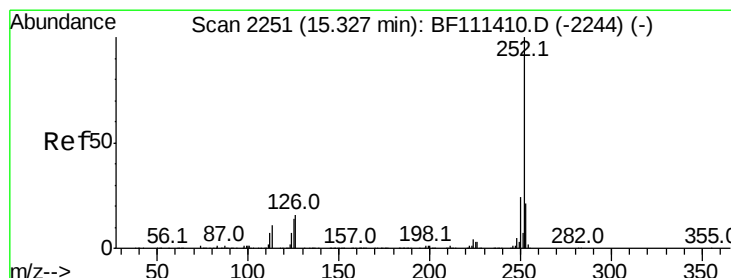
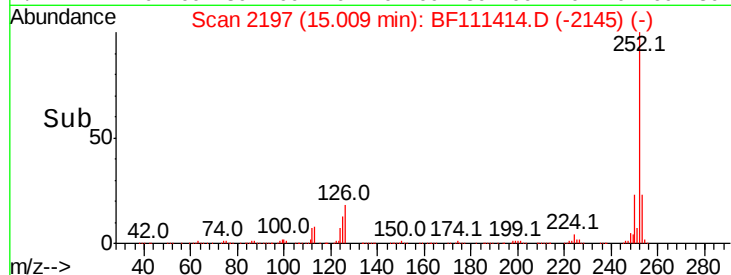
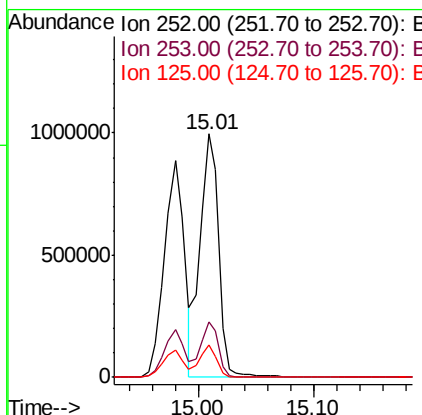
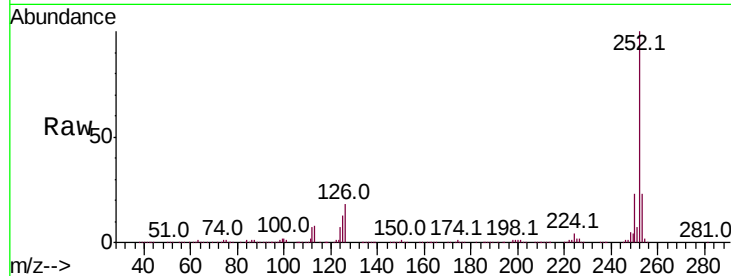
#89
Benzo(k)fluoranthene
Concen: 41.293 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	13.1	9.8	14.8

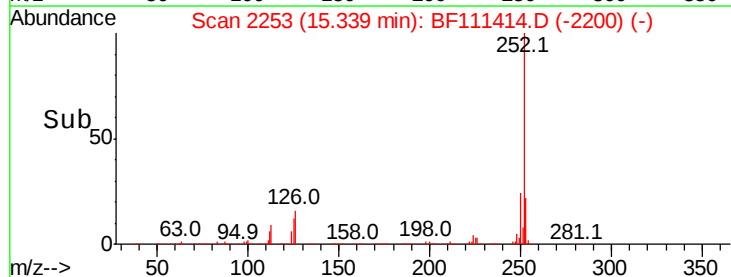
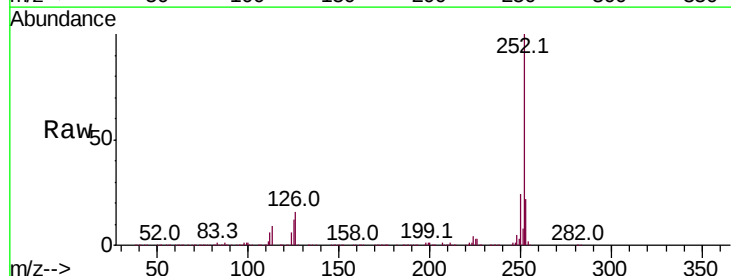
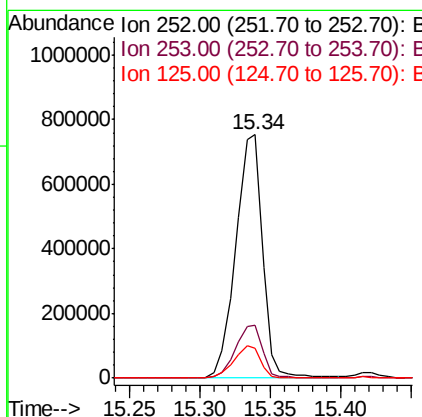
Manual Integrations
APPROVED

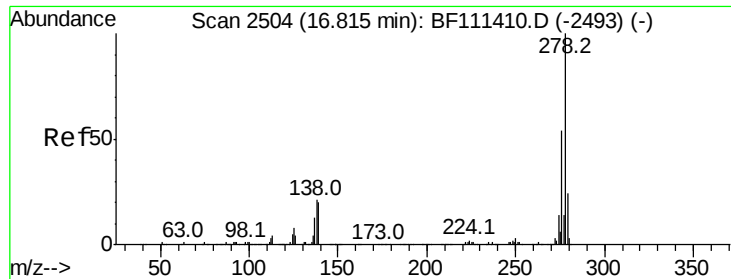
Sohil
12/17/2018 2:36:17 PM



#90
Benzo(a)pyrene
Concen: 38.934 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	12.2	12.3	18.5





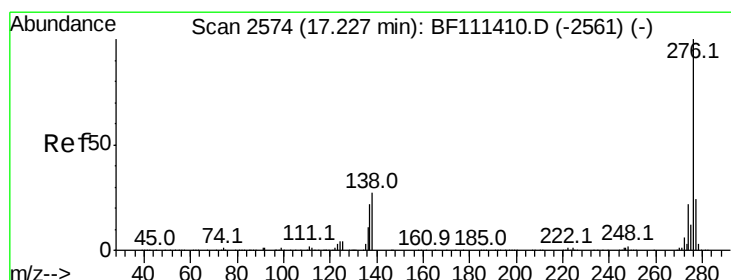
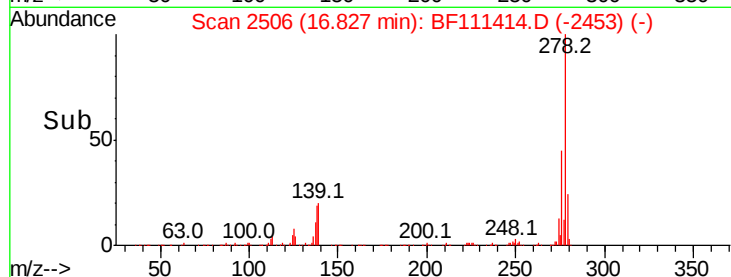
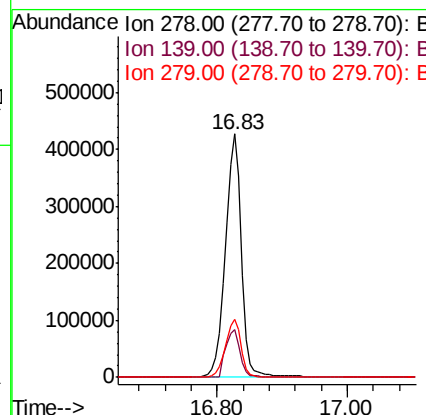
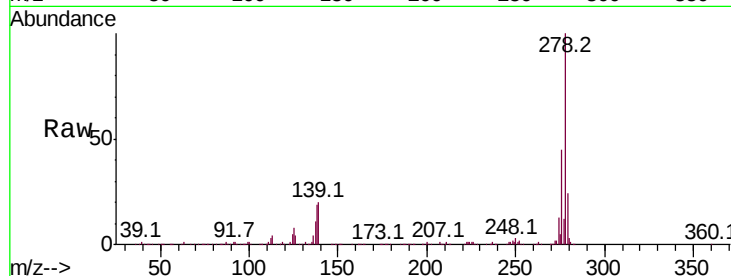
#91
Dibenzo(a,h)anthracene
Concen: 35.985 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	18.2	27.4
279	23.9	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/17/2018 2:36:17 PM



#92
Benzo(g,h,i)perylene
Concen: 34.323 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111414.D
Acq: 14 Dec 2018 13:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.2	28.8
138	27.5	24.9	37.3

