

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111438.D
 Acq On : 15 Dec 2018 00:12
 Operator : JU/SJ
 Sample : J6233-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Manual Integrations
 APPROVED

Sohil
 12/17/2018 2:37:06 PM

Quant Time: Dec 15 02:55:53 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	220877	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	869568	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	268348	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	505978	20.00	ng	0.00
76) Chrysene-d12	13.96	240	396702	20.00	ng	0.00
87) Perylene-d12	15.39	264	286992	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1655156	124.70	ng	0.01
7) Phenol-d6	6.45	99	2229448	126.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	1367755	93.66	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	294162	122.37	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1790570	103.07	ng	0.00
79) Terphenyl-d14	12.90	244	1521702	90.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	173008	26.987	ng	96
3) Pyridine	3.29	79	429439	26.672	ng	96
4) n-Nitrosodimethylamine	3.22	42	282180	38.584	ng	88
6) Aniline	6.46	93	287621	13.133	ng	# 1
8) 2-Chlorophenol	6.59	128	673266	42.452	ng	99
9) Benzaldehyde	6.34	77	311120	29.052	ng	98
10) Phenol	6.46	94	931395	47.355	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	641648	41.616	ng	99
12) 1,3-Dichlorobenzene	6.74	146	684830	39.227	ng	98
13) 1,4-Dichlorobenzene	6.82	146	705040	39.787	ng	98
14) 1,2-Dichlorobenzene	6.97	146	661424	39.676	ng	98
15) Benzyl Alcohol	6.94	79	547547	40.757	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1169990	38.865	ng	97
17) 2-Methylphenol	7.06	107	542017	42.465	ng	95
18) Hexachloroethane	7.31	117	225789	34.238	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	457752	39.297	ng	98
20) 3+4-Methylphenols	7.21	107	671548	41.944	ng	# 87
22) Acetophenone	7.20	105	906467	46.697	ng	# 88
24) Nitrobenzene	7.38	77	671575	45.083	ng	94
25) Isophorone	7.62	82	1224101	49.543	ng	98
26) 2-Nitrophenol	7.69	139	315491	40.839	ng	99
27) 2,4-Dimethylphenol	7.74	122	588051	52.507	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	811095	47.552	ng	98
29) 2,4-Dichlorophenol	7.94	162	520876	43.568	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	521674	41.683	ng	98
31) Naphthalene	8.10	128	1833000	45.068	ng	97
32) Benzoic acid	7.85	122	215452m	22.262	ng	
33) 4-Chloroaniline	8.15	127	123426	6.825	ng	96
34) Hexachlorobutadiene	8.22	225	275541	39.961	ng	98
35) Caprolactam	8.52	113	168643m	37.993	ng	
36) 4-Chloro-3-methylphenol	8.64	107	539007	40.959	ng	99
37) 2-Methylnaphthalene	8.79	142	1190846	43.270	ng	99
38) 1-Methylnaphthalene	8.89	142	999065	37.576	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	391143	53.150	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	79916	21.151	nq	96
43) 2,4,6-Trichlorophenol	9.07	196	263794	50.647	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	275628	49.730	nq	98
46) 1,1'-Biphenyl	9.26	154	1110767	48.852	nq	94
47) 2-Chloronaphthalene	9.28	162	853338	49.374	nq	95
48) 2-Nitroaniline	9.37	65	248745	44.326	nq	93
49) Acenaphthylene	9.70	152	1211303	47.216	nq	95
50) Dimethylphthalate	9.56	163	1115850	57.739	nq	98
51) 2,6-Dinitrotoluene	9.62	165	186828	42.948	nq	91
52) Acenaphthene	9.87	154	695927	42.919	nq	99
53) 3-Nitroaniline	9.78	138	129861	24.577	nq	97
54) 2,4-Dinitrophenol	9.89	184	18676	11.285	nq	88
55) Dibenzofuran	10.04	168	1031958	43.845	nq	96
56) 4-Nitrophenol	9.96	139	271425	74.229	nq	98
57) 2,4-Dinitrotoluene	10.02	165	224672	39.350	nq	90
58) Fluorene	10.38	166	762536	44.667	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	178072	41.121	nq	99
60) Diethylphthalate	10.26	149	884872	45.202	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	351977	42.141	nq	98
62) 4-Nitroaniline	10.39	138	175501	33.553	nq	100
63) Azobenzene	10.53	77	789767	40.922	nq	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	19666	6.885	nq	89
66) n-Nitrosodiphenylamine	10.49	169	683896	39.195	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	247890	45.456	nq	97
68) Hexachlorobenzene	10.93	284	244257	43.542	nq	97
69) Atrazine	11.02	200	246586	48.901	nq	98
70) Pentachlorophenol	11.13	266	251503	73.097	nq	99
71) Phenanthrene	11.34	178	1198749	45.978	nq	95
72) Anthracene	11.39	178	1249663	46.868	nq	95
73) Carbazole	11.55	167	1176691	42.676	nq	95
74) Di-n-butylphthalate	11.88	149	1499630	48.836	nq	96
75) Fluoranthene	12.53	202	1201498	47.106	nq	99
77) Benzidine	12.65	184	269728	18.496	nq	98
78) Pyrene	12.76	202	1230881	44.009	nq	96
80) Butylbenzylphthalate	13.37	149	605522	44.416	nq	95
81) Benzo(a)anthracene	13.94	228	986708	45.744	nq	98
82) 3,3'-Dichlorobenzidine	13.90	252	342001	39.002	nq	98
83) Chrysene	13.98	228	1014368	44.640	nq	95
84) Bis(2-ethylhexyl)phthalate	13.94	149	797532	45.802	nq	99
85) Di-n-octyl phthalate	14.55	149	1477878	50.318	nq	97
86) Indeno(1,2,3-cd)pyrene	16.81	276	684393	41.732	nq	98
88) Benzo(b)fluoranthene	14.98	252	815833	48.759	nq	98
89) Benzo(k)fluoranthene	15.01	252	788431	49.315	nq	98
90) Benzo(a)pyrene	15.33	252	726934	48.179	nq	97
91) Dibenzo(a,h)anthracene	16.83	278	584025	49.069	nq	98
92) Benzo(g,h,i)perylene	17.24	276	573744	49.109	nq	95

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

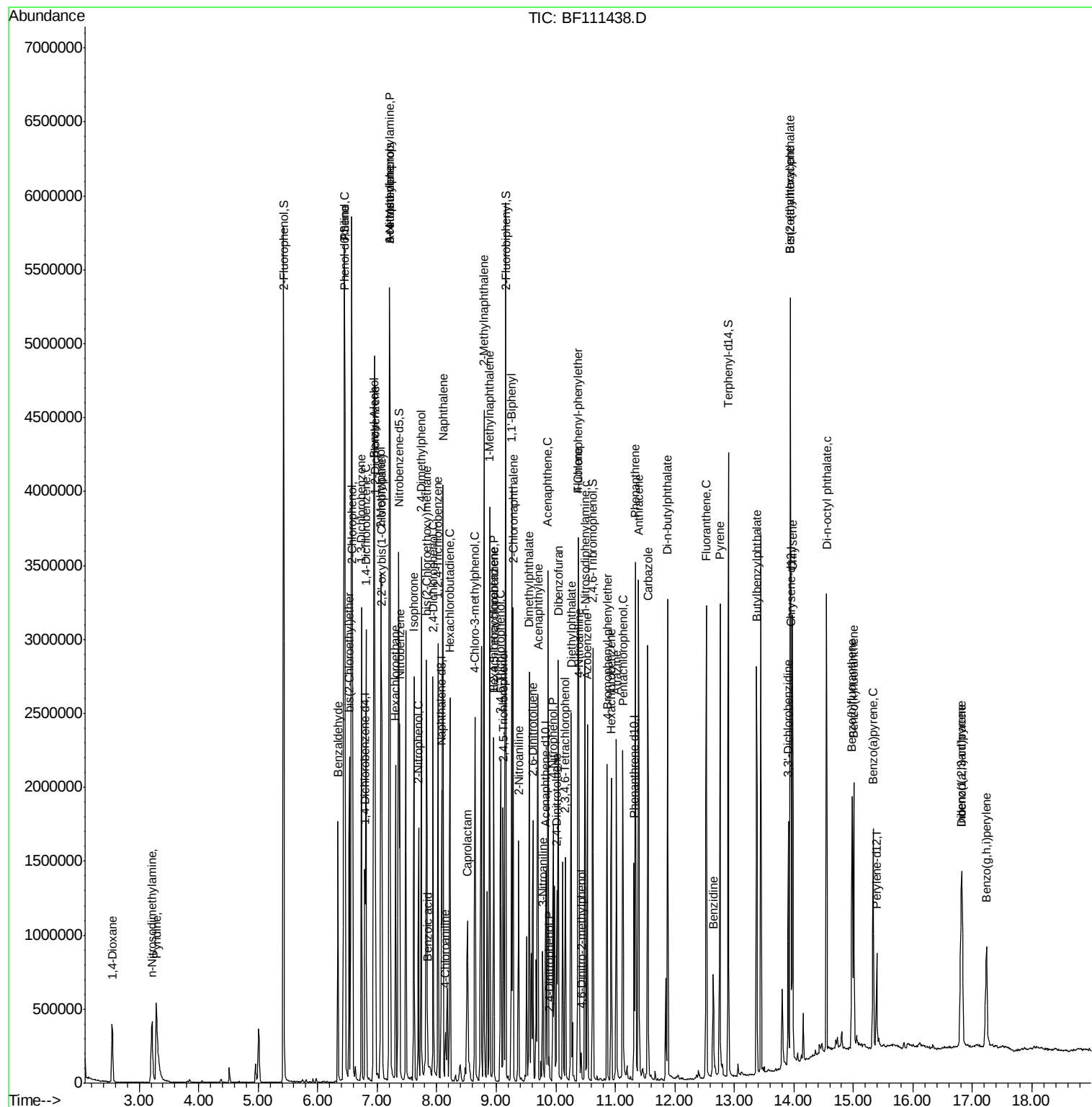
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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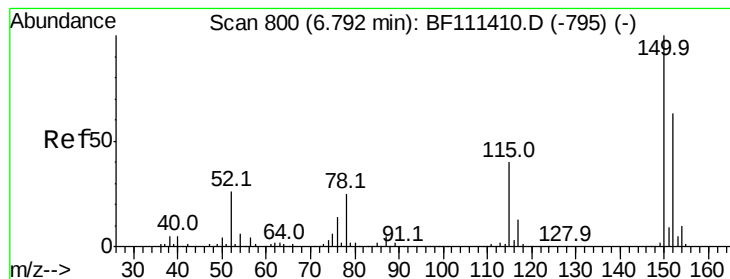
Instrument :
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#1

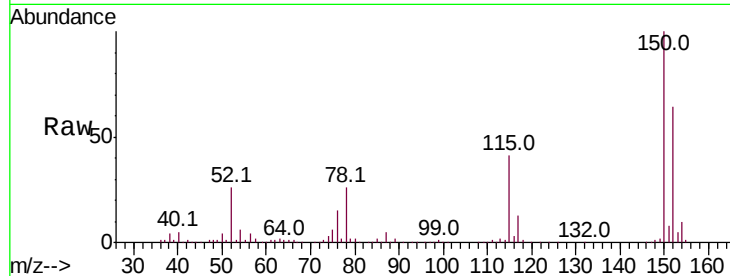
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampled :
SB-2MSD

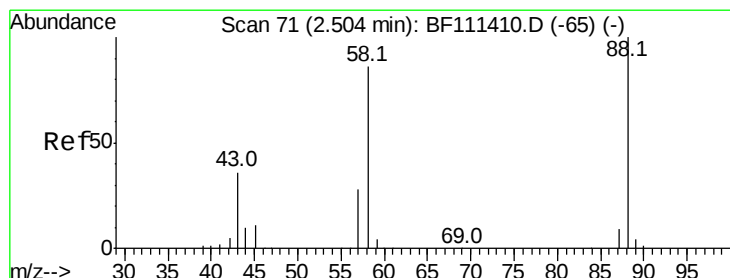
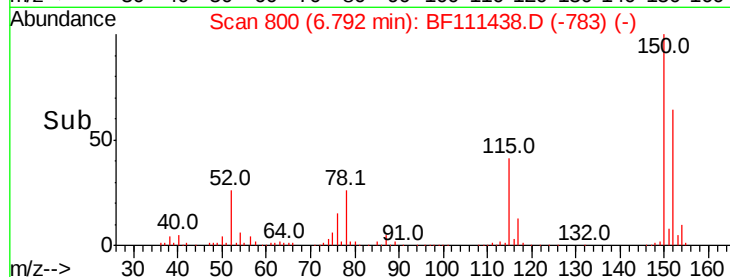
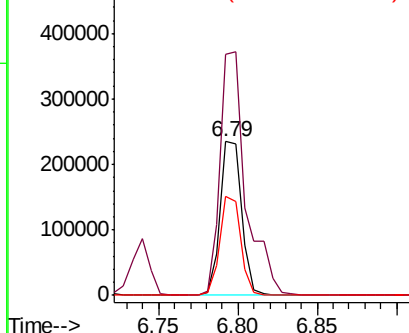
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	64.4	50.7	76.1

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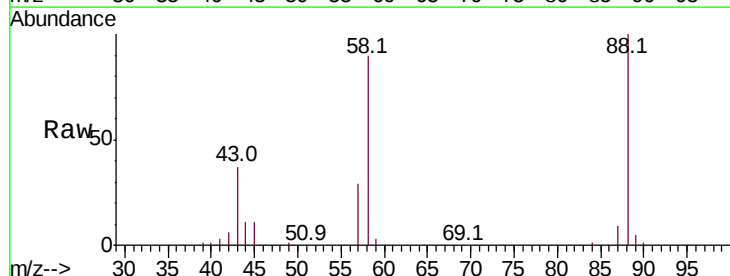
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



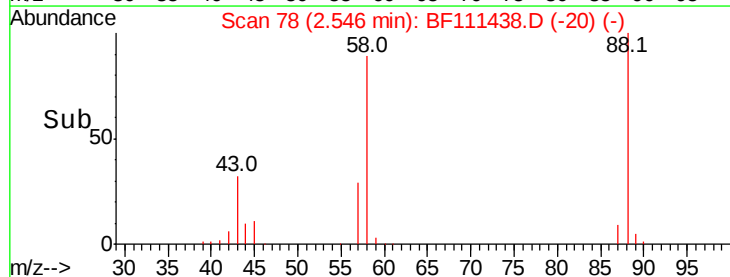
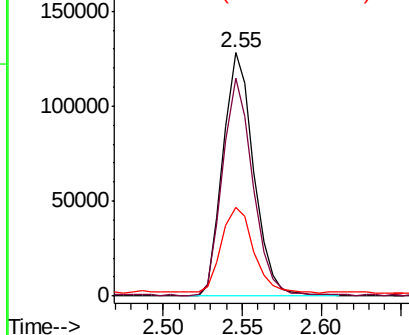
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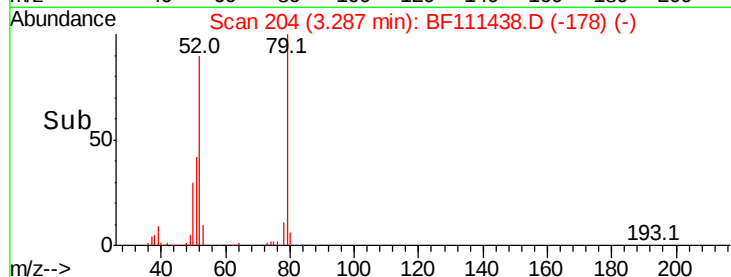
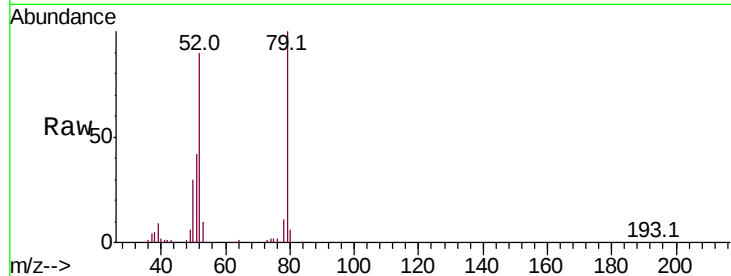
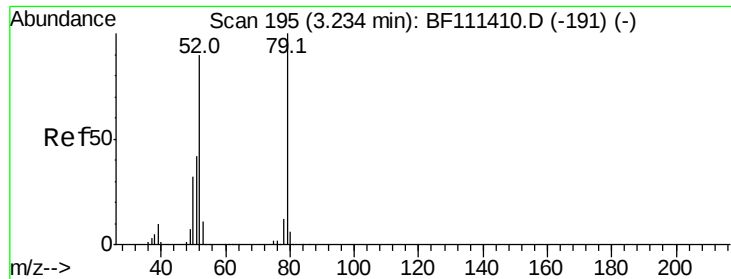
1,4-Dioxane
Concen: 26.987 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.04 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	68.9	103.3
43	36.6	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





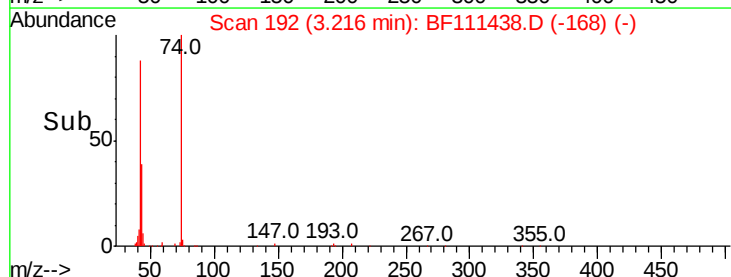
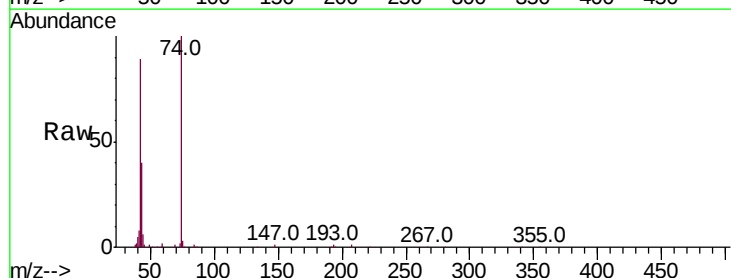
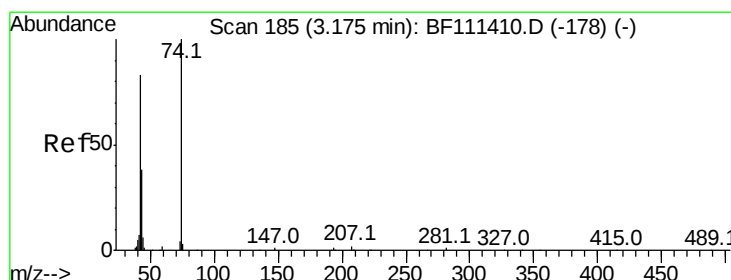
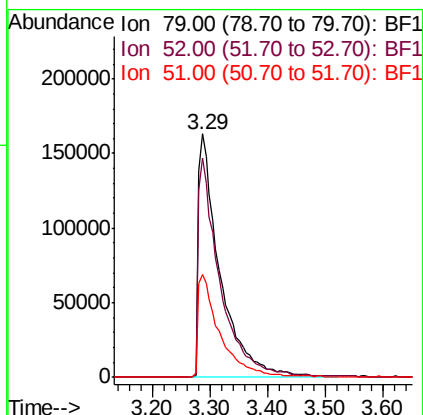
#3
Pvridine
Concen: 26.672 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.05 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tot Ion	Ratio	Lower	Upper
79	100		
52	90.1	68.3	102.5
51	42.2	32.6	49.0

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ClientSampleId :
SB-2MSD

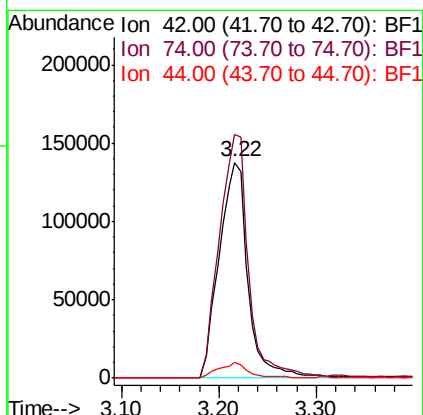
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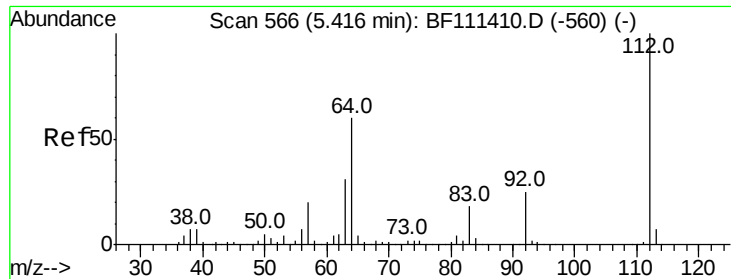
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#4
n-Nitrosodimethylamine
Concen: 38.584 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.04 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.8	101.5	152.3
44	7.1	6.0	9.0





#5

2-Fluorophenol

Concen: 124.697 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

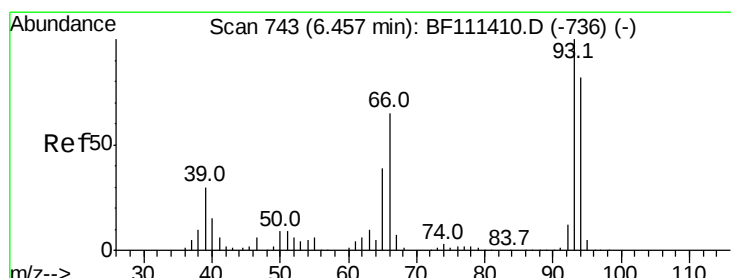
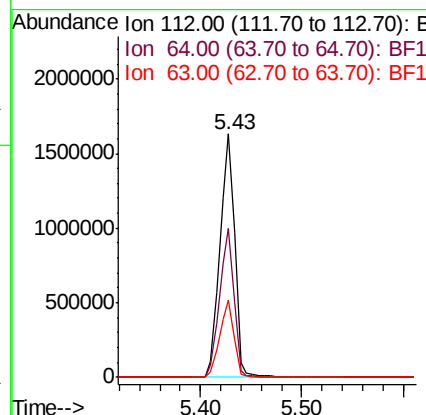
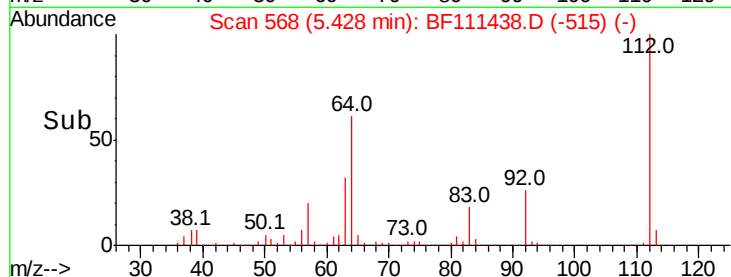
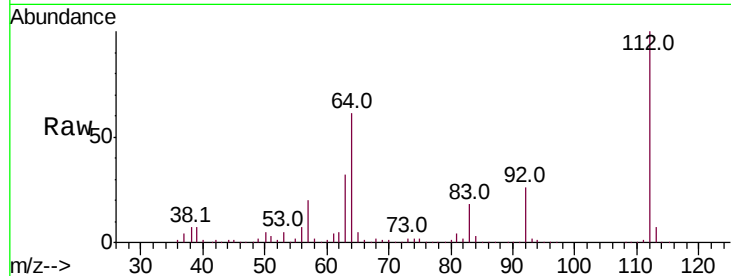
ClientSampled :

SB-2MSD

Tot Ion:	112	Resp:	1655156
Ion	Ratio	Lower	Upper
112	100		
64	61.2	51.8	77.6
63	31.7	26.8	40.2

Manual Integrations
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#6

Aniline

Concen: 13.133 ng

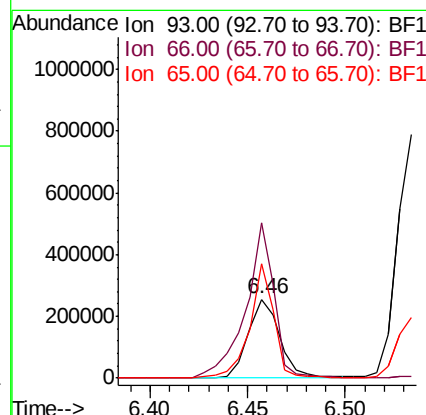
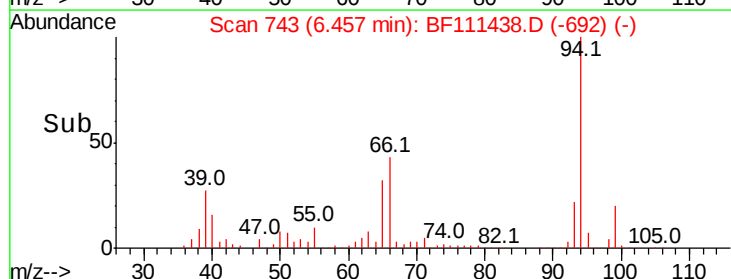
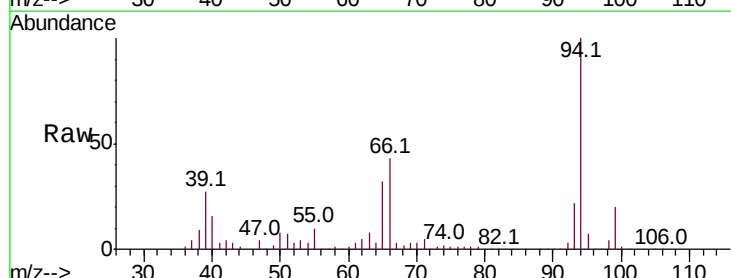
RT: 6.46 min Scan# 743

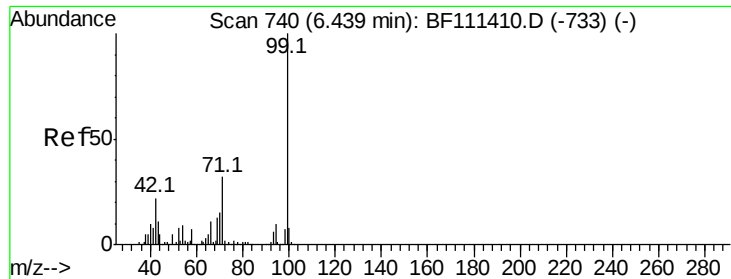
Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Tgt Ion:	93	Resp:	287621
Ion	Ratio	Lower	Upper
93	100		
66	198.1	33.2	49.8#
65	146.0	17.0	25.4#





#7

Phenol-d6

Concen: 126.272 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111438.D

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BNA_F

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SB-2MSD

Tot Ion: 99 Resp: 2229448

Ion Ratio Lower Upper

99 100

42 21.0 17.4 26.0

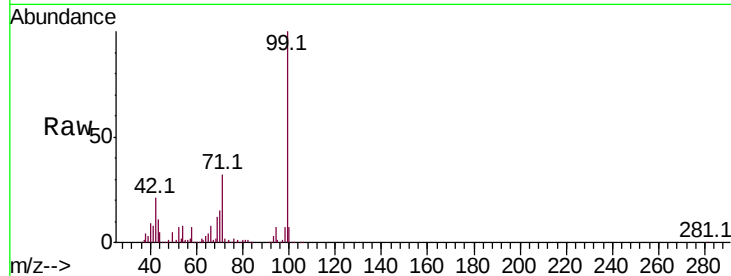
71 31.5 26.1 39.1

Manual Integrations

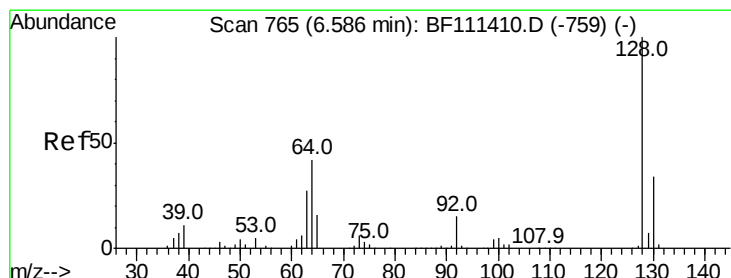
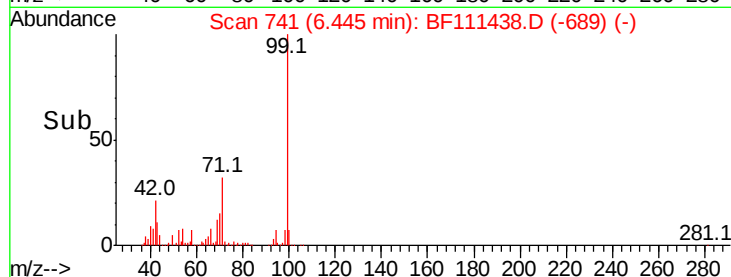
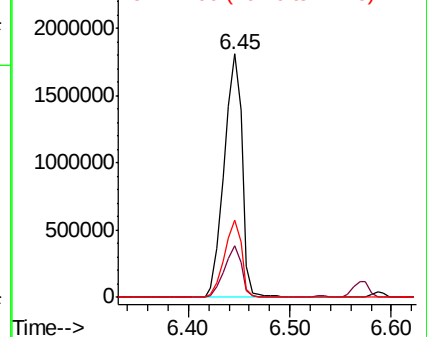
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.452 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

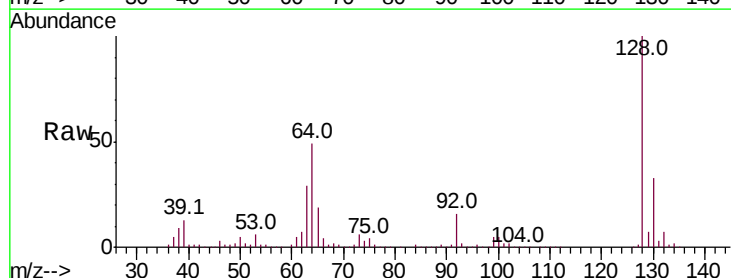
Tgt Ion:128 Resp: 673266

Ion Ratio Lower Upper

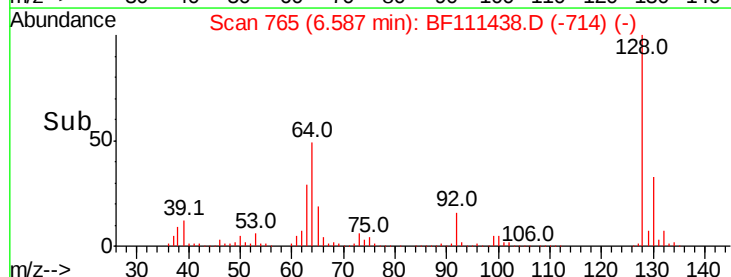
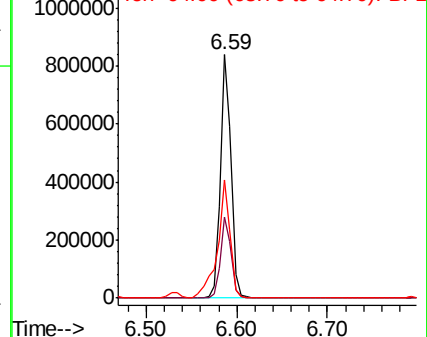
128 100

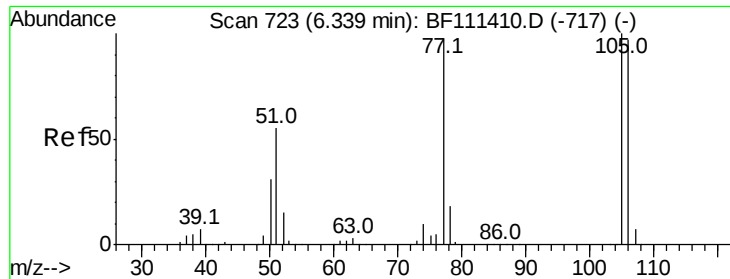
130 33.0 12.7 52.7

64 48.7 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: 29.052 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

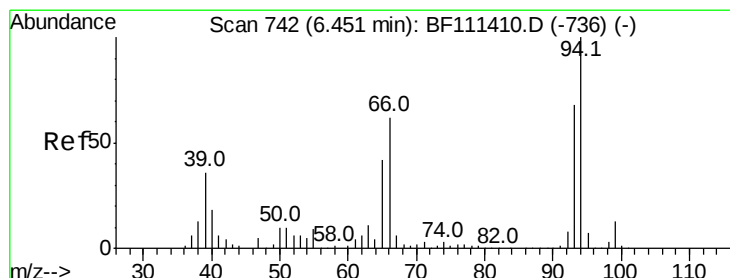
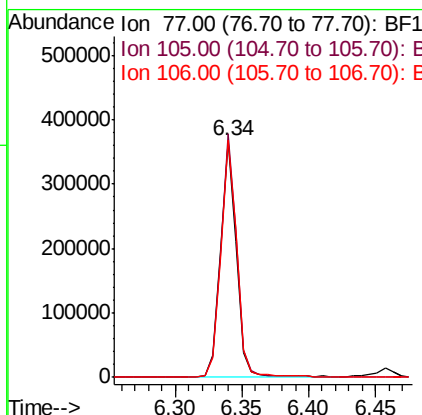
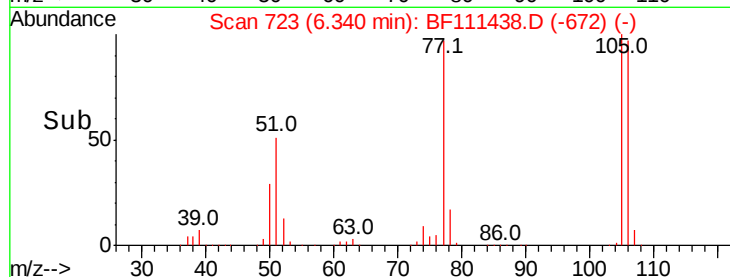
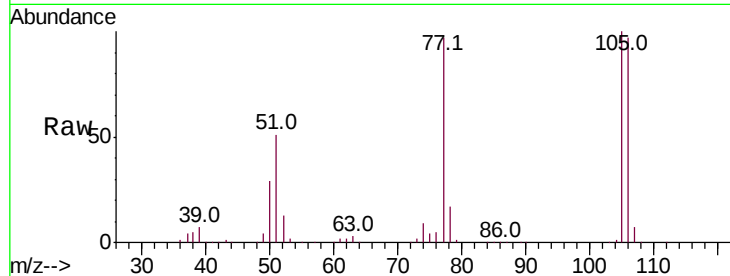
ClientSampleID :

SB-2MSD

Tot Ion:	77	Resp:	311120
Ion	Ratio	Lower	Upper
77	100		
105	102.9	81.4	121.4
106	100.1	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 47.355 ng

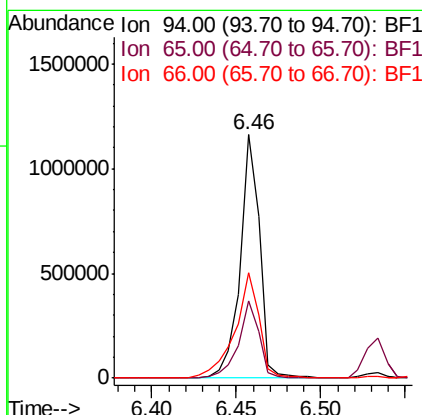
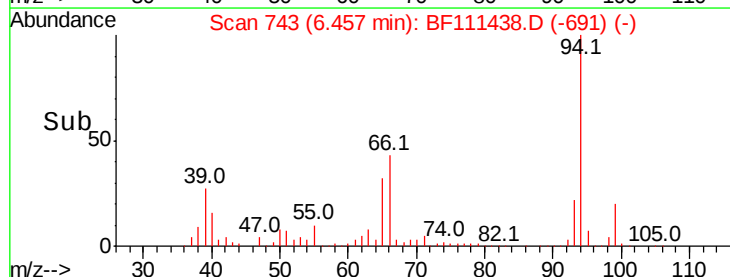
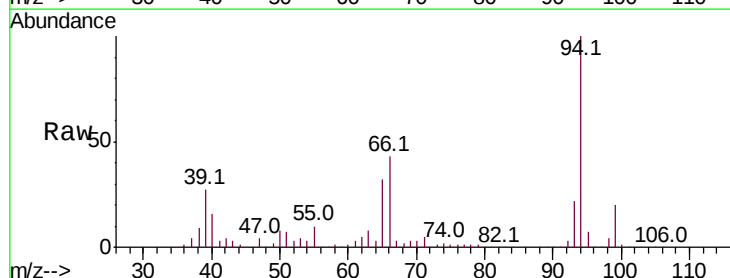
RT: 6.46 min Scan# 743

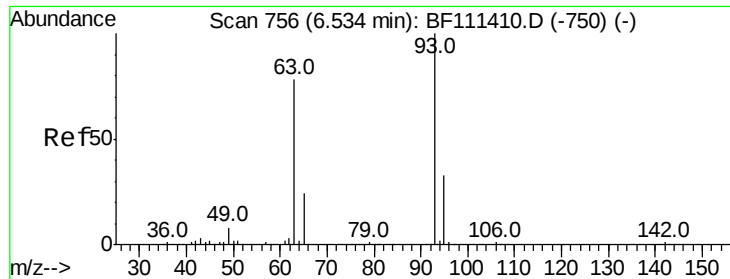
Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Tgt Ion:	94	Resp:	931395
Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.7	51.7
66	43.4	21.0	61.0





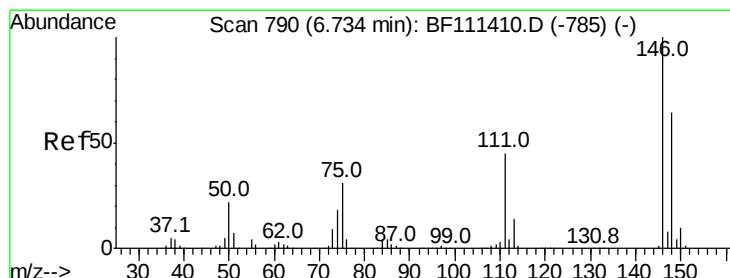
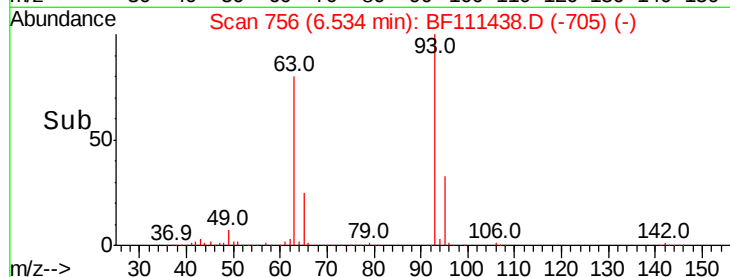
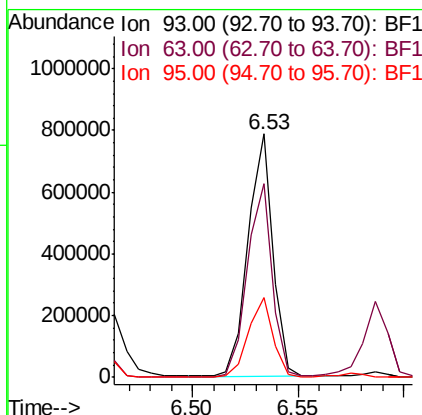
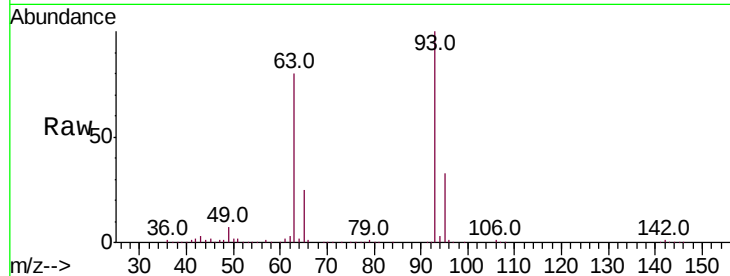
#11
bis(2-Chloroethyl)ether
Concen: 41.616 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.6	60.0	100.0
95	32.9	13.4	53.4

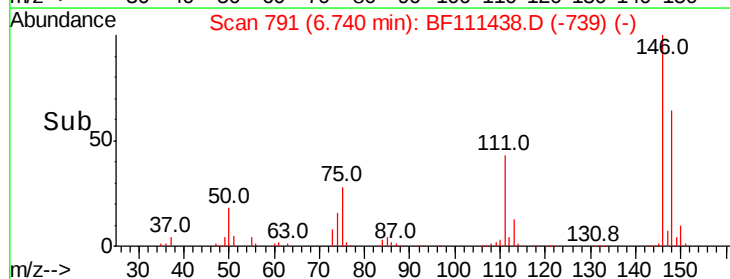
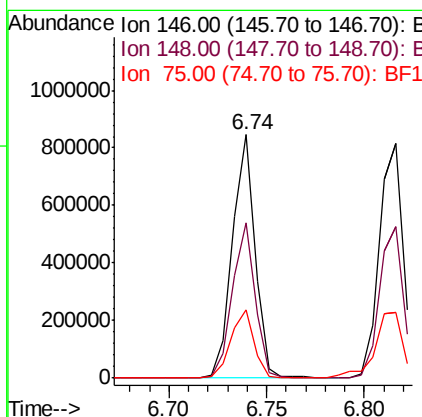
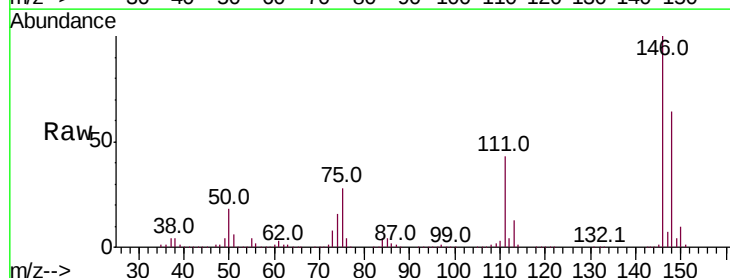
Manual Integrations
APPROVED

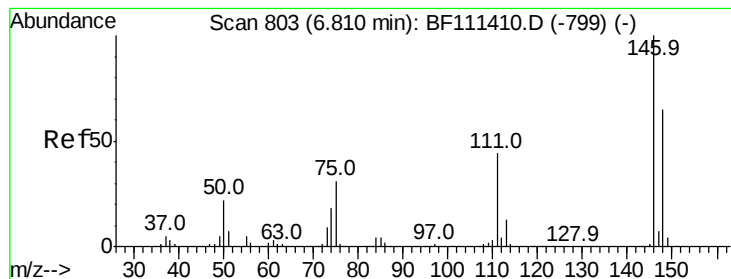
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.227 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
75	28.0	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 39.787 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

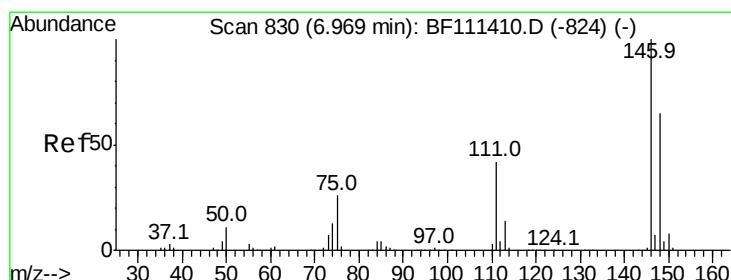
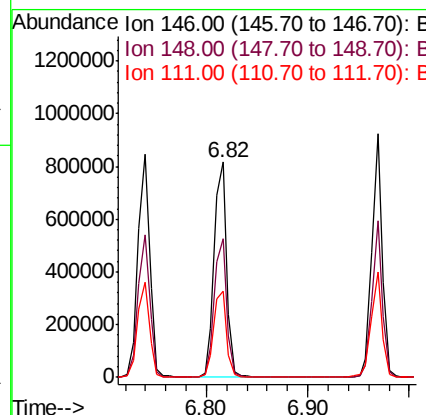
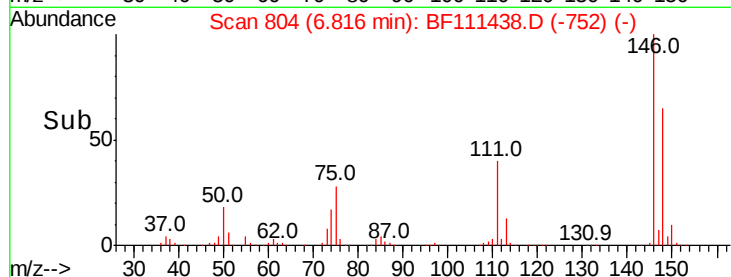
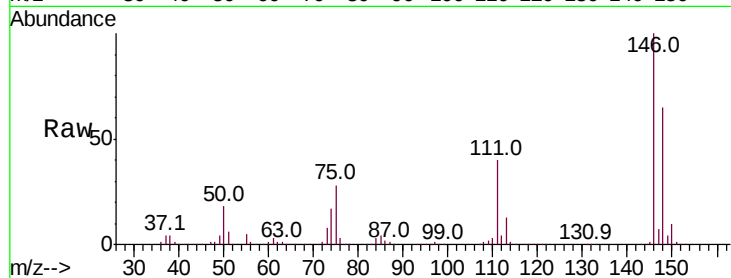
ClientSampleId :

SB-2MSD

Tot Ion:	146	Resp:	705040
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.8	79.2
111	39.7	33.4	50.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.676 ng

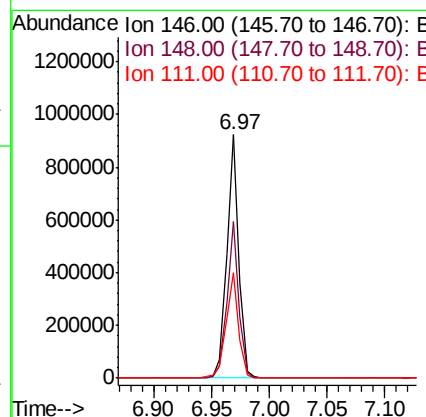
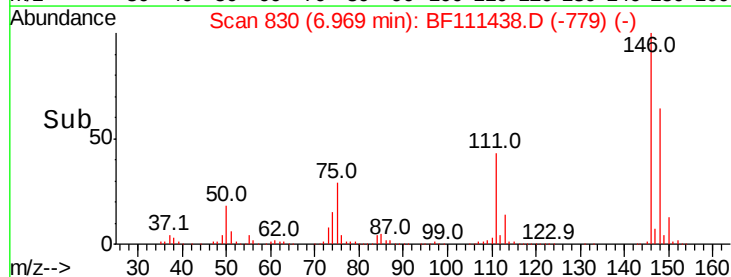
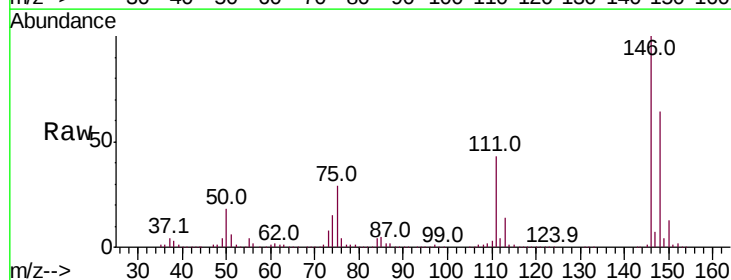
RT: 6.97 min Scan# 830

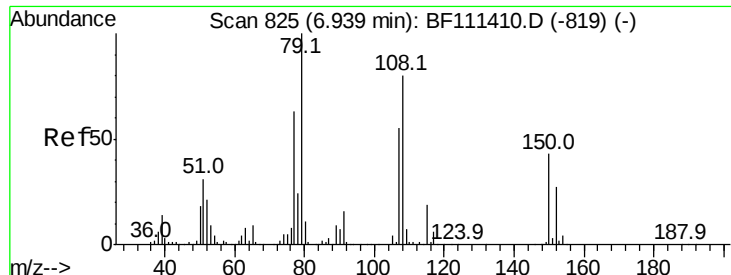
Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Tgt Ion:	146	Resp:	661424
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.9	77.9
111	43.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 40.757 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

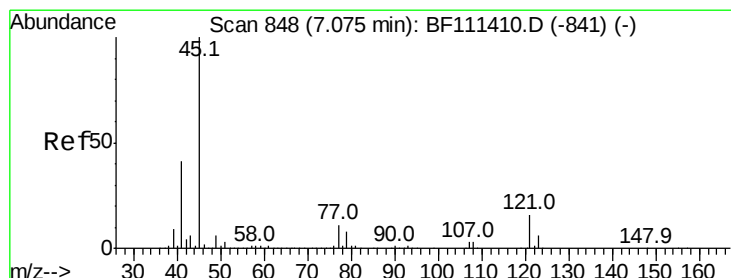
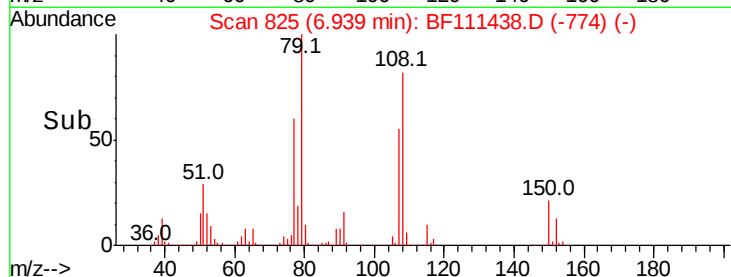
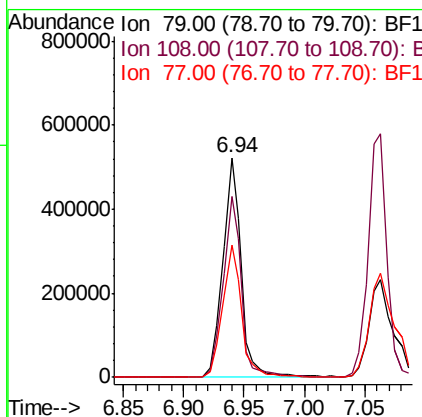
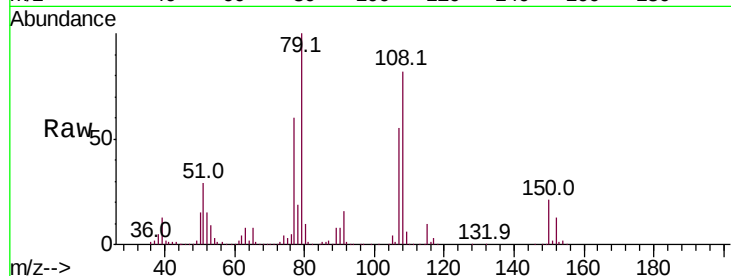
ClientSampleId :

SB-2MSD

Tot Ion:	79	Resp:	547547
Ion Ratio	Lower	Upper	
79	100		
108	82.5	69.4	104.2
77	60.3	49.7	74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.865 ng

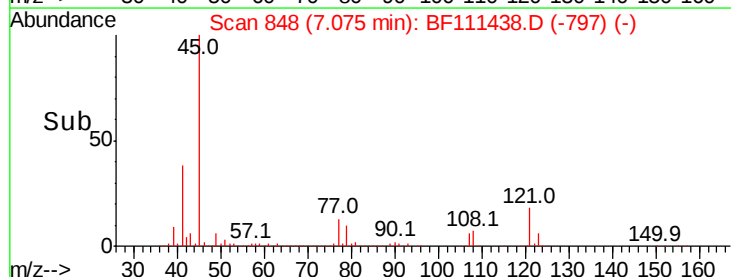
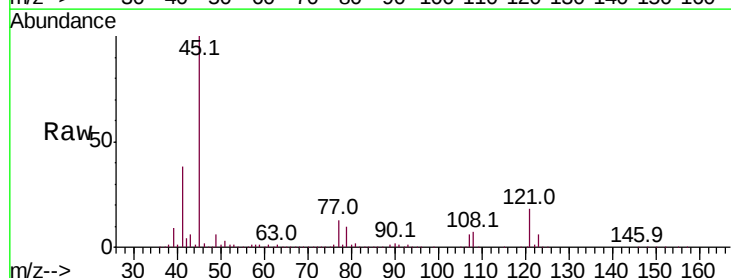
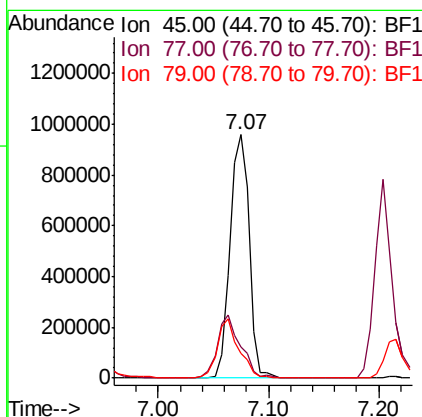
RT: 7.07 min Scan# 848

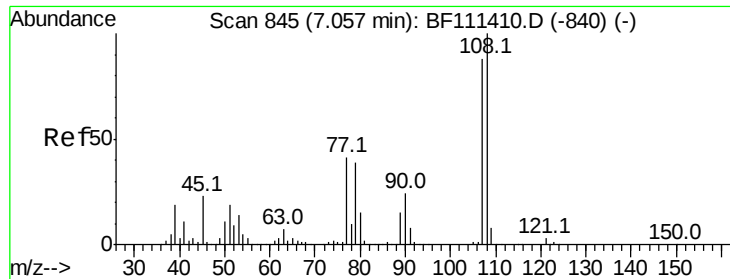
Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Tgt Ion:	45	Resp:	1169990
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	31.5
79	10.3	0.0	28.9





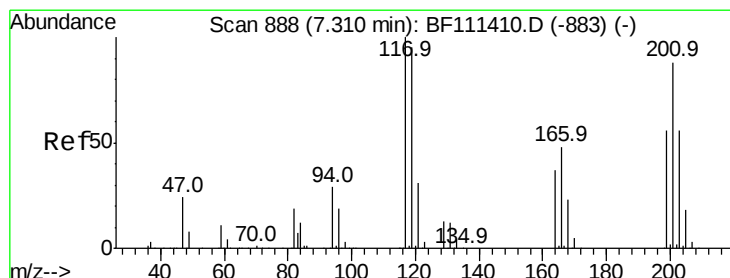
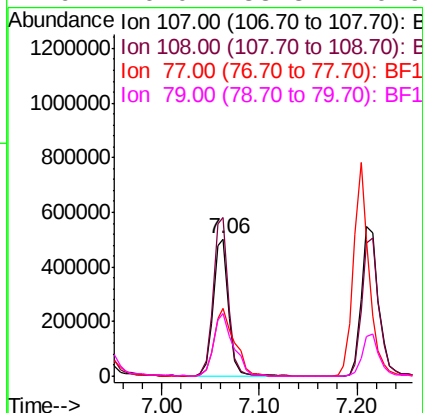
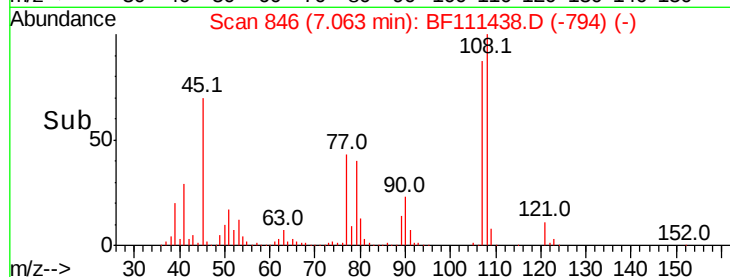
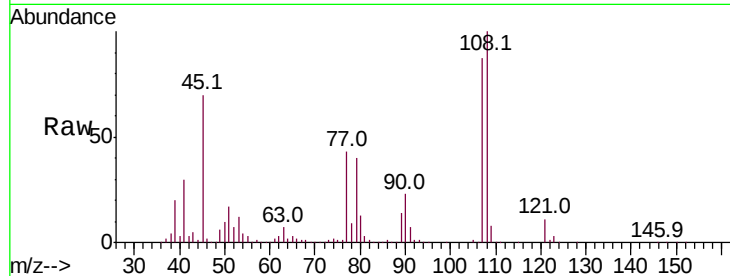
#17
2-Methylphenol
Concen: 42.465 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampled :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.0	136.4
77	49.4	33.5	50.3
79	46.0	33.3	49.9

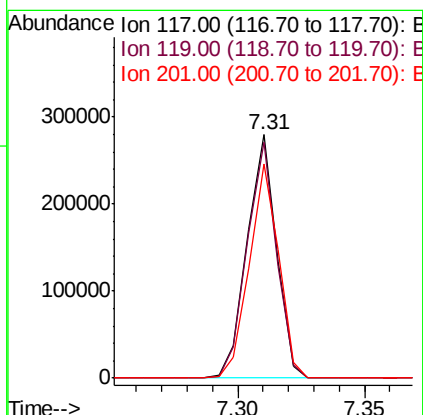
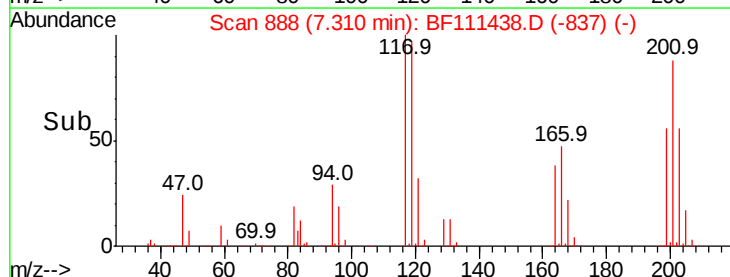
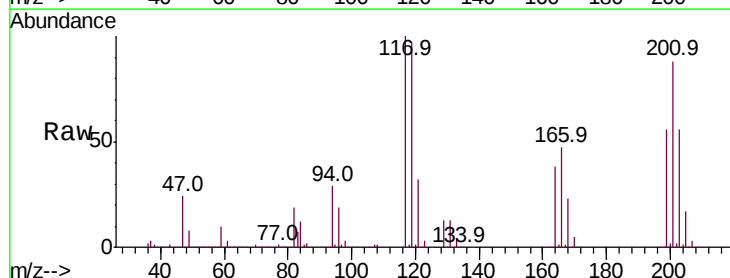
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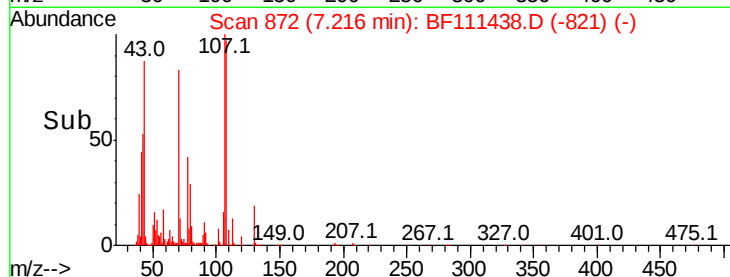
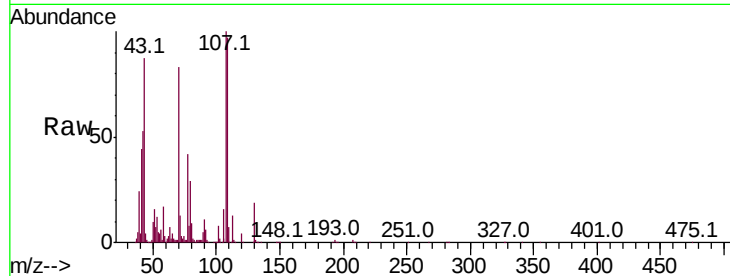
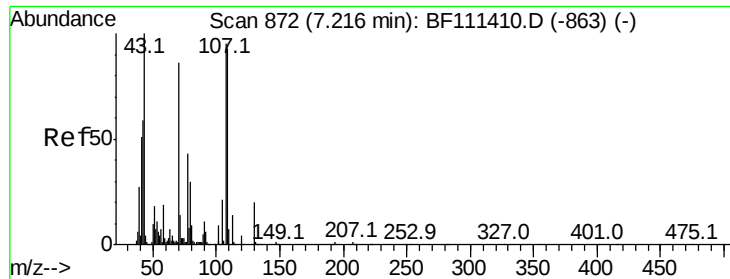
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#18
Hexachloroethane
Concen: 34.238 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.4	113.0
201	88.0	62.4	93.6





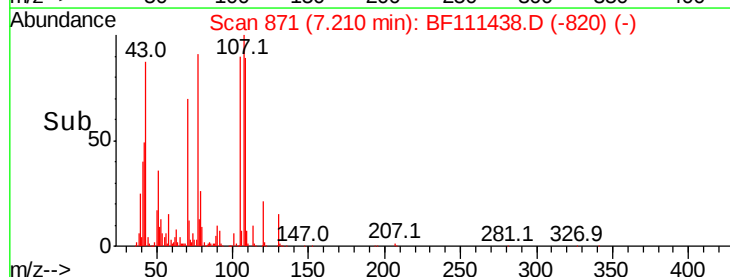
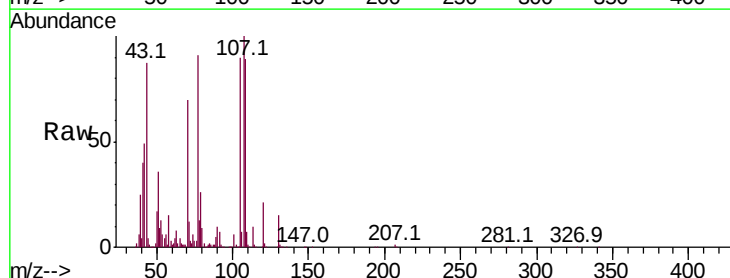
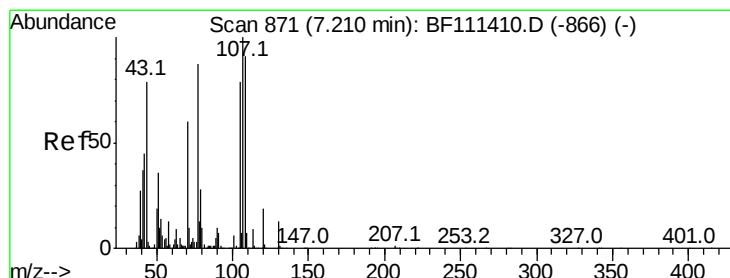
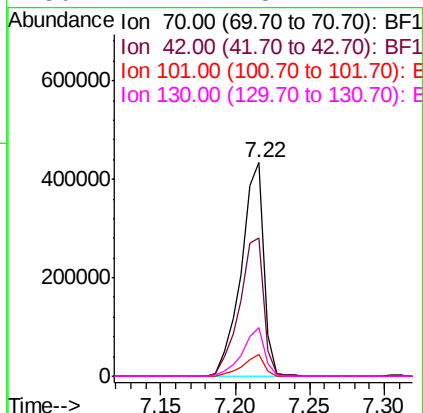
#19
n-Nitroso-di-n-propylamine
Concen: 39.297 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	53.2	79.8
101	10.1	8.2	12.4
130	22.7	18.1	27.1

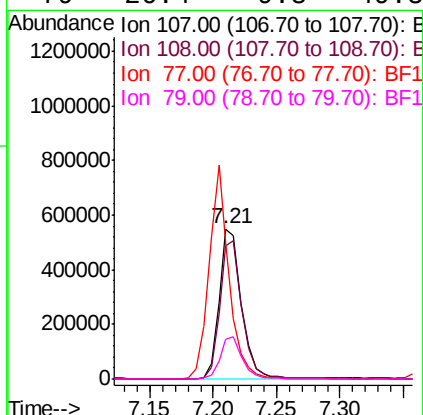
Manual Integrations
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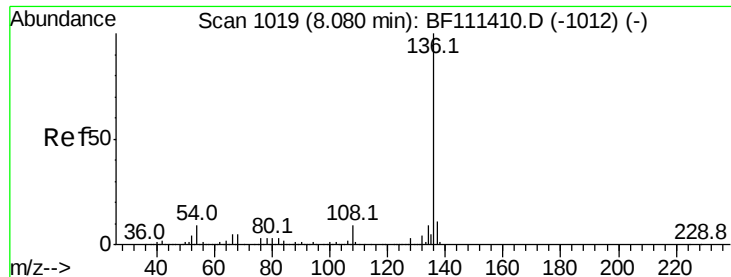
Sohil
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#20
3+4-Methylphenols
Concen: 41.944 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.1	112.1
77	90.9	94.1	134.1#
79	26.4	9.8	49.8





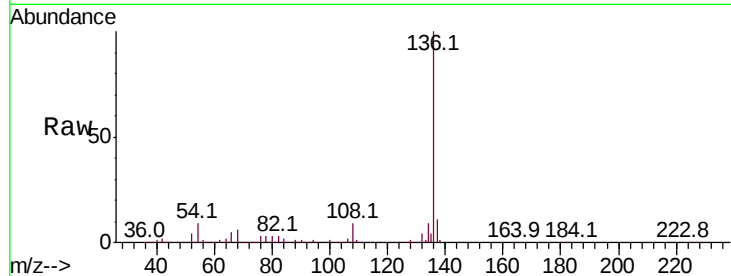
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	869568		
137	10.8		9.1	13.7
54	8.7		7.7	11.5
68	5.7		4.9	7.3

Manual Integrations
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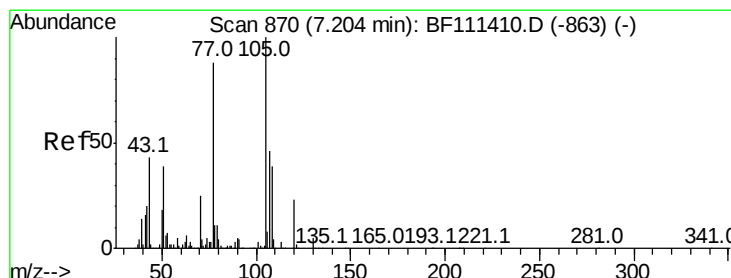
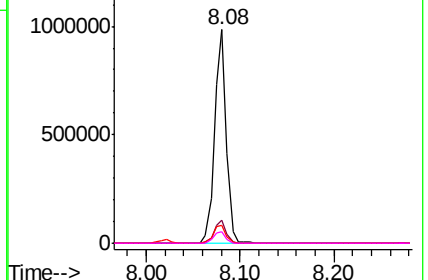
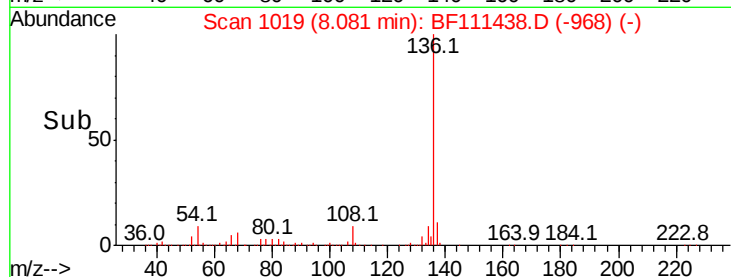
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

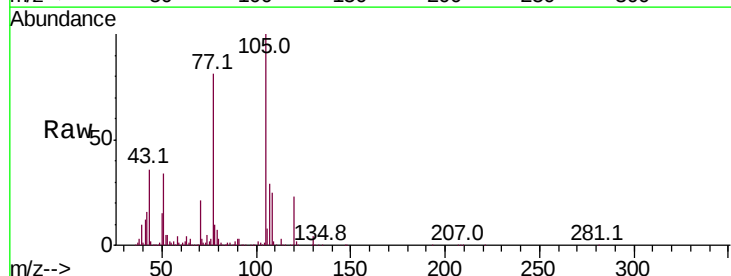
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.697 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	906467		
71	3.5		3.1	4.7
51	33.6		36.6	54.8#
120	23.4		18.2	27.4



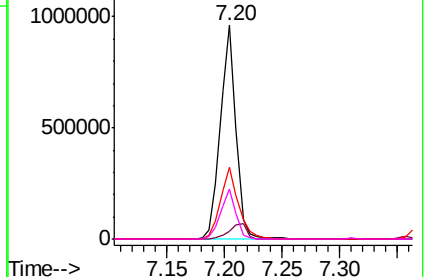
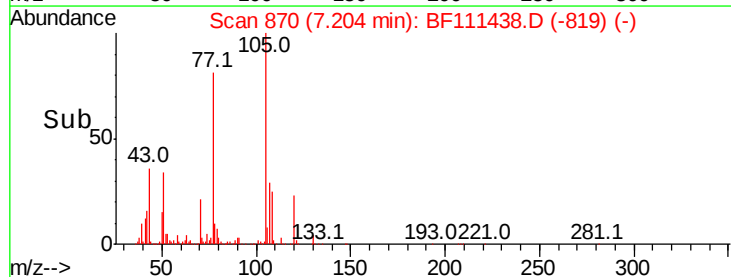
Abundance

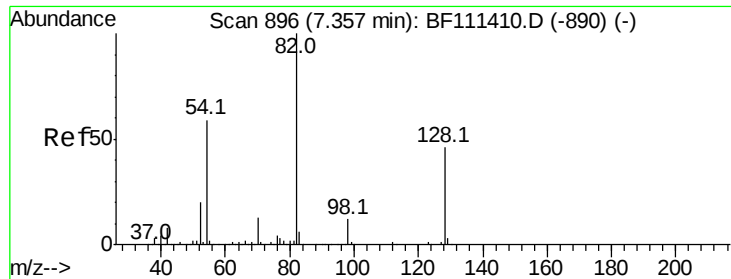
Ion 105.00 (104.70 to 105.70): E

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





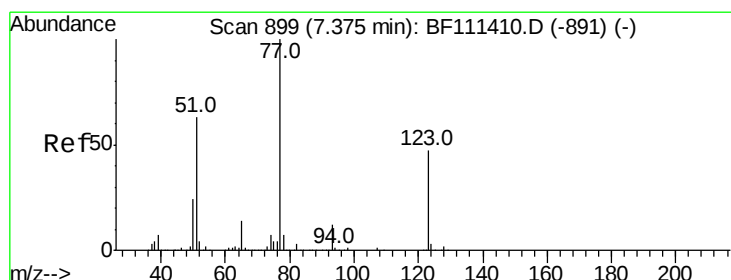
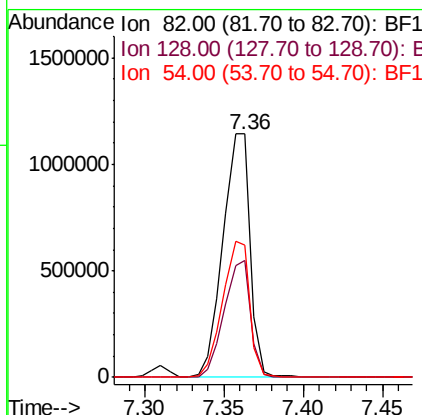
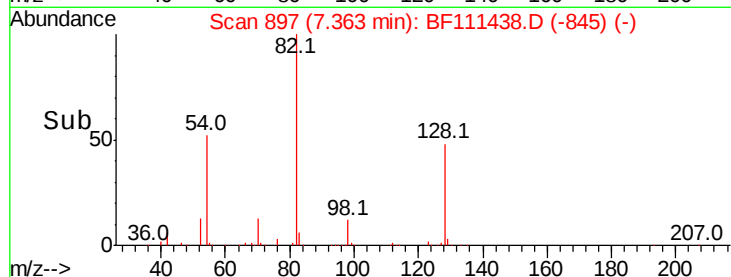
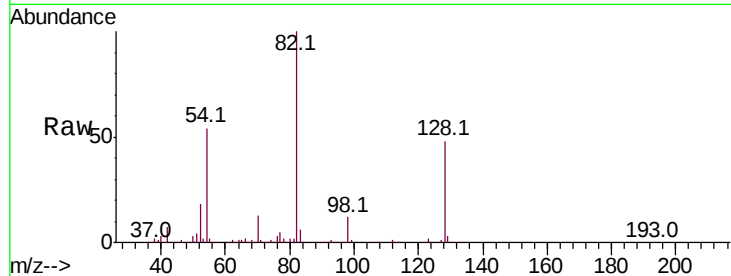
#23
Nitrobenzene-d5
Concen: 93.665 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion: 82 Resp: 1367755
Ion Ratio Lower Upper
82 100
128 48.2 37.4 56.2
54 54.4 47.6 71.4

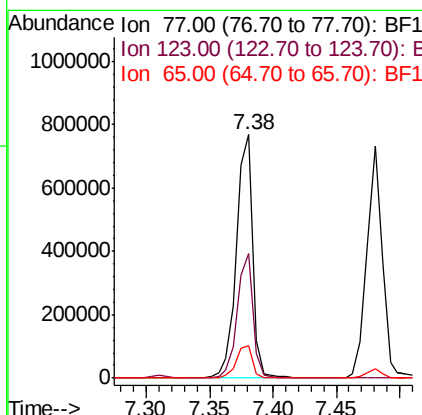
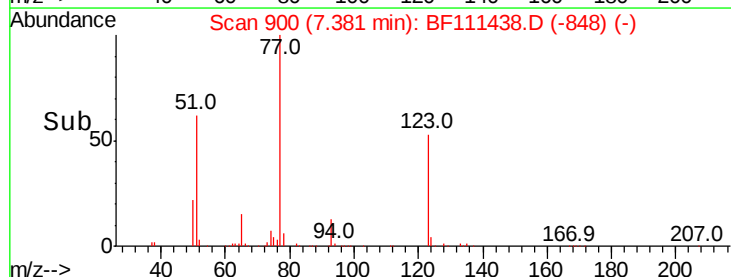
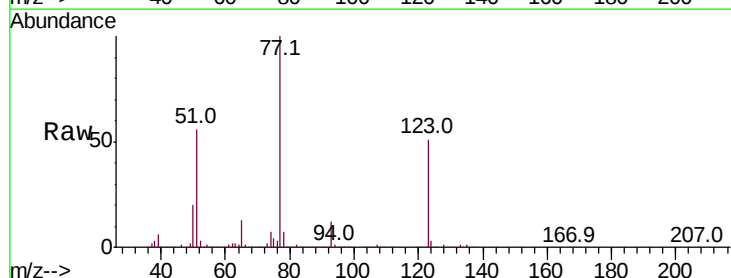
Manual Integrations
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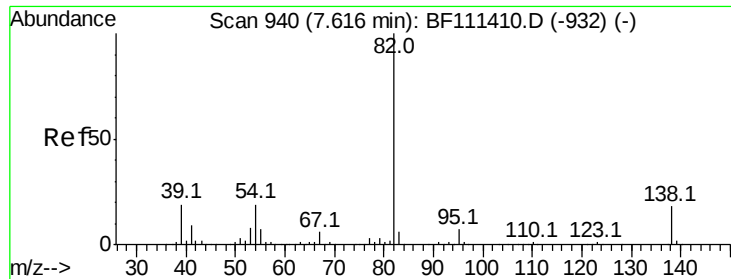
Sohil
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#24
Nitrobenzene
Concen: 45.083 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion: 77 Resp: 671575
Ion Ratio Lower Upper
77 100
123 51.3 37.2 55.8
65 13.2 11.5 17.3





#25

Isophorone

Concen: 49.543 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

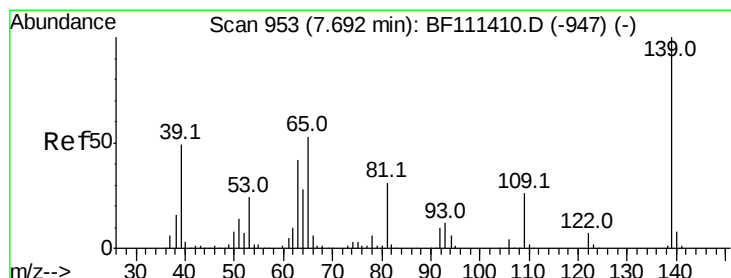
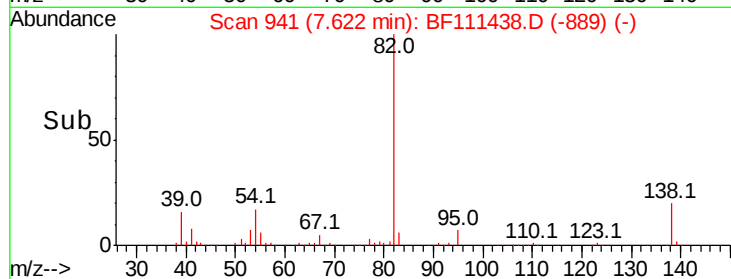
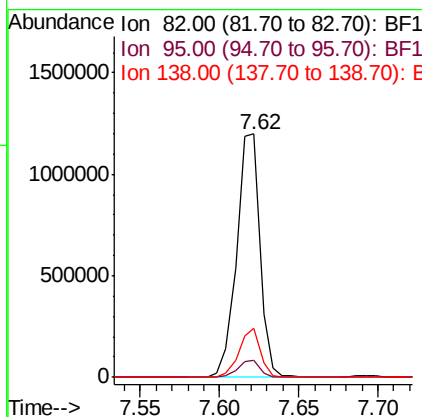
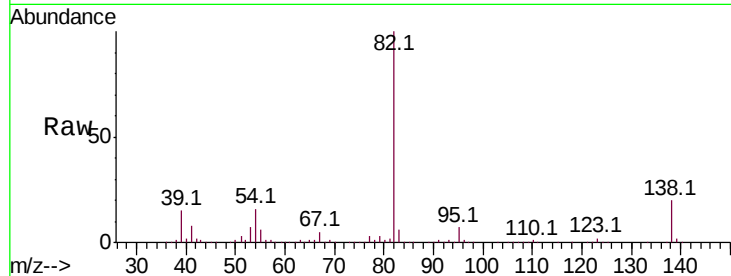
ClientSampleId :

SB-2MSD

Tot Ion:	82	Resp:	1224101
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	19.9	15.1	22.7

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#26

2-Nitrophenol

Concen: 40.839 ng

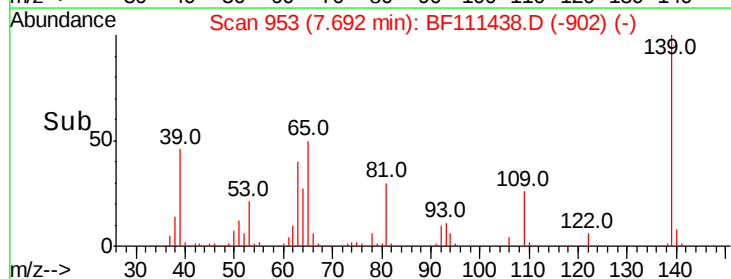
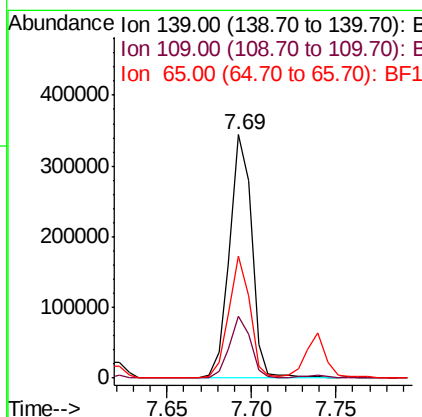
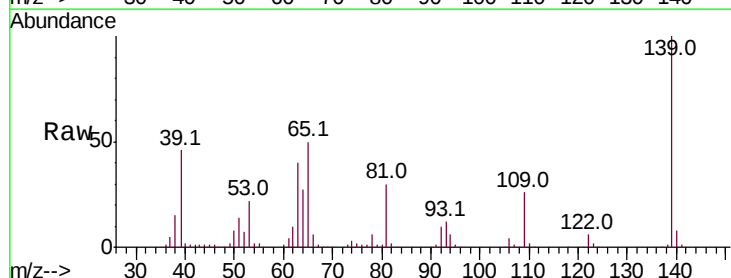
RT: 7.69 min Scan# 953

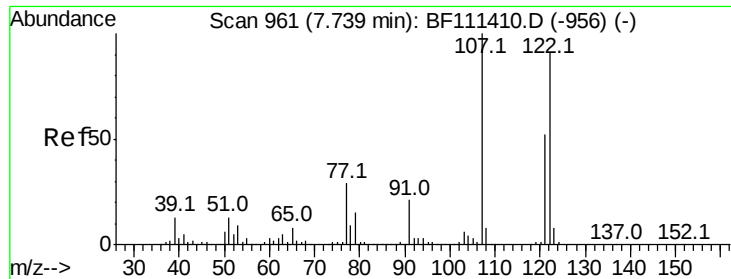
Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Tgt Ion:	139	Resp:	315491
Ion	Ratio	Lower	Upper
139	100		
109	25.5	20.2	30.4
65	50.1	40.7	61.1





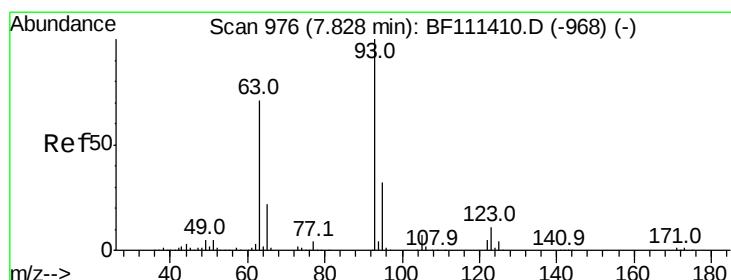
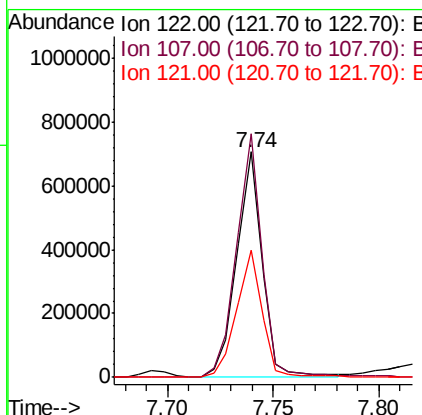
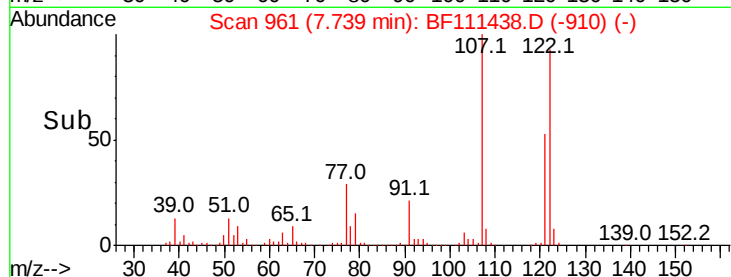
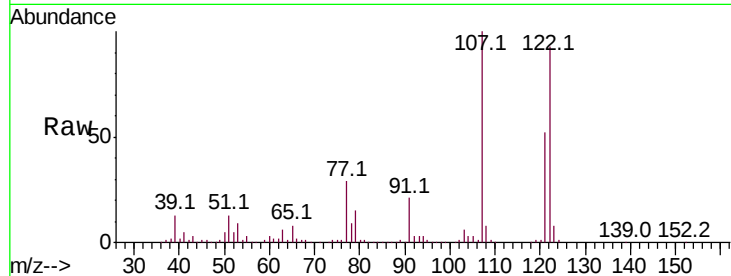
#27
2,4-Dimethylphenol
Concen: 52.507 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.0	85.5	128.3
121	56.6	46.6	70.0

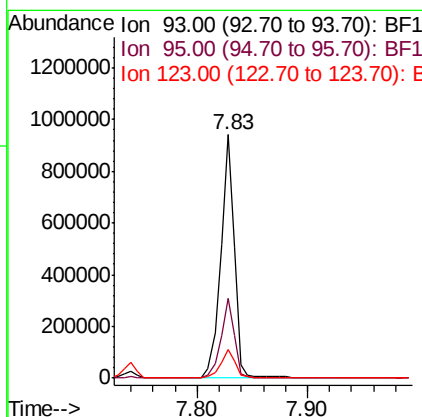
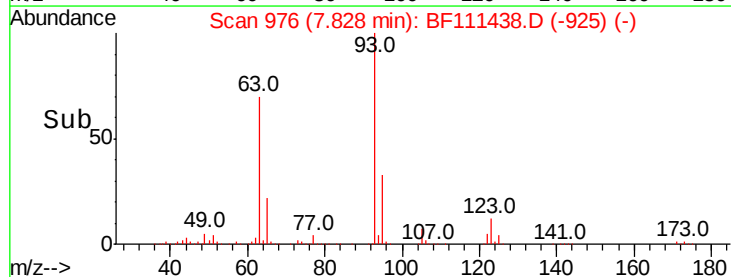
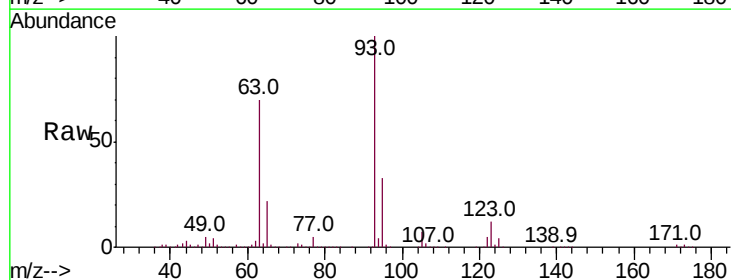
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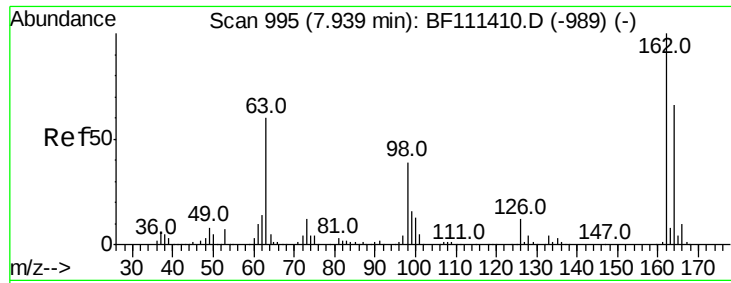
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 47.552 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	27.1	40.7
123	11.8	9.9	14.9





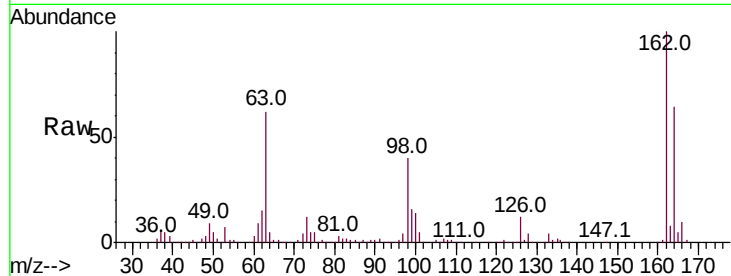
#29
2,4-Dichlorophenol
Concen: 43.568 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

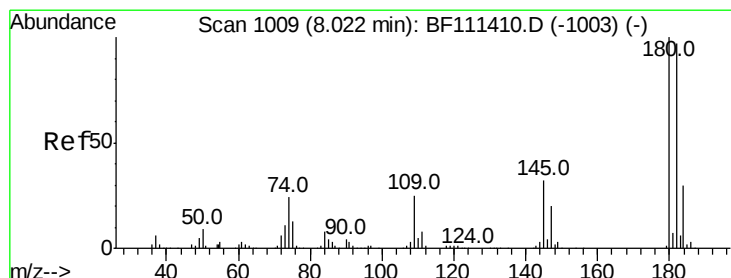
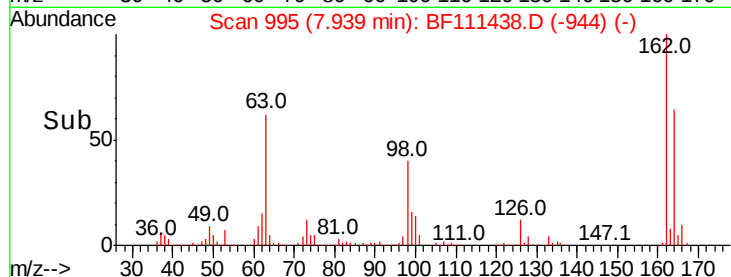
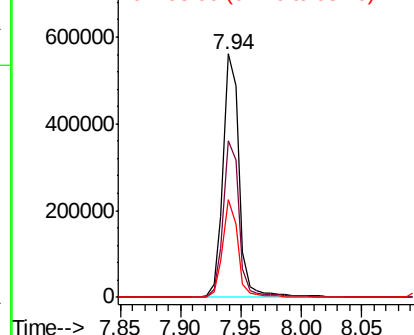
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.3	44.4	84.4	
98	40.0	20.3	60.3	

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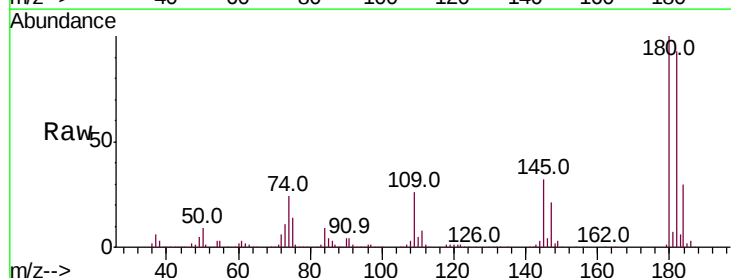


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

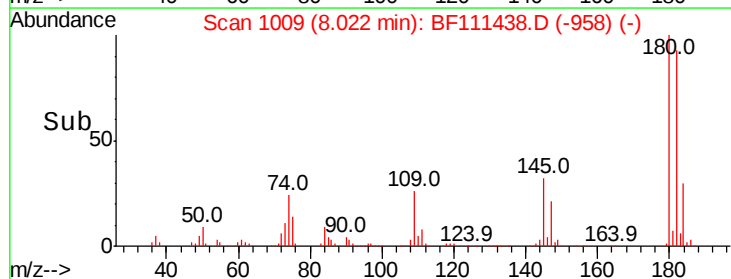
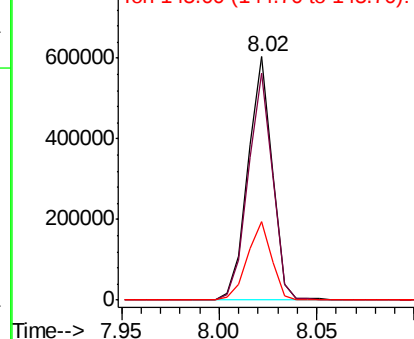


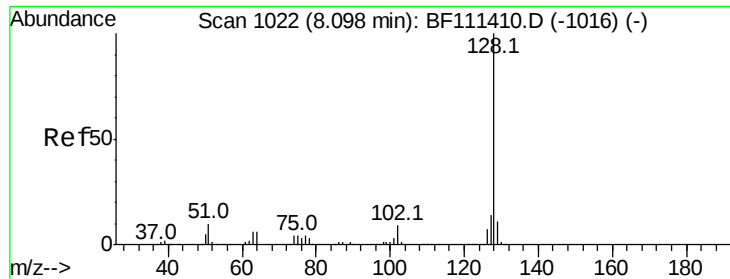
#30
1,2,4-Trichlorobenzene
Concen: 41.683 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.3	75.6	113.4	
145	32.2	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





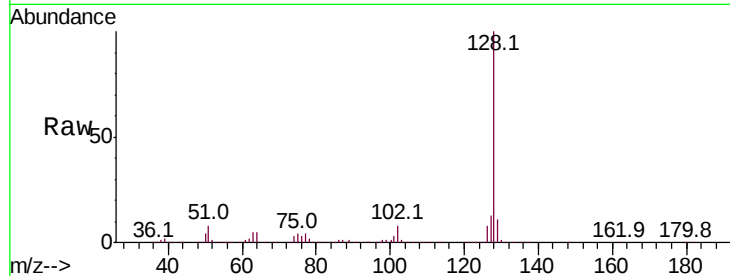
#31
Naphthalene
Concen: 45.068 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampled :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.8
127	13.5	12.0	18.0

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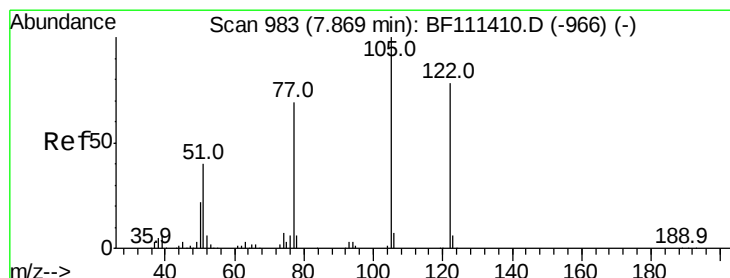
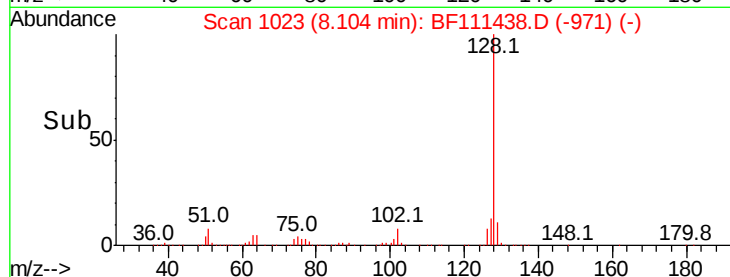
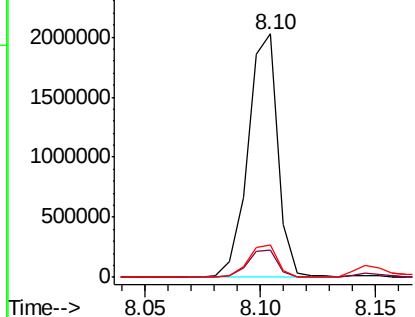


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 22.262 ng m
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

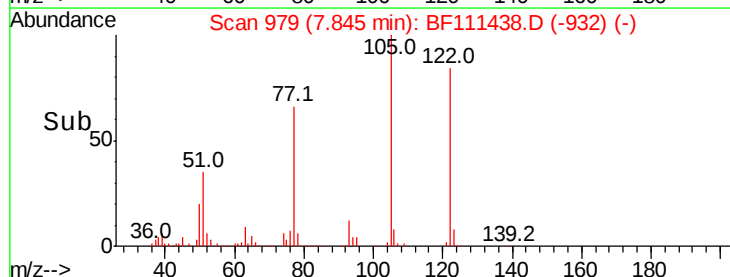
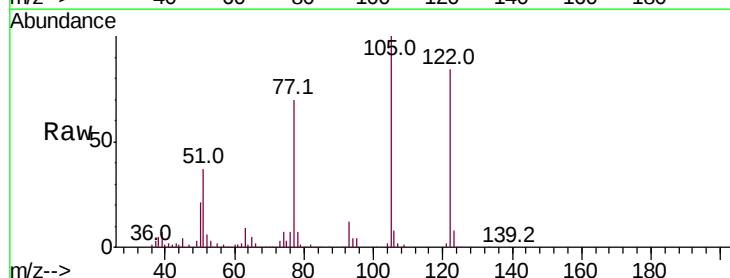
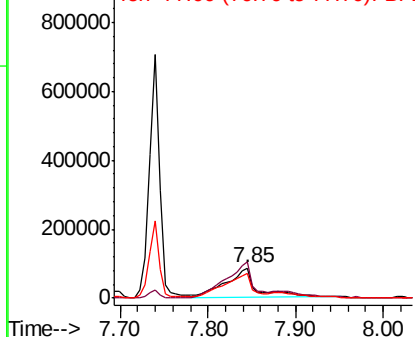
Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.3	97.0	137.0
77	83.0	65.7	105.7

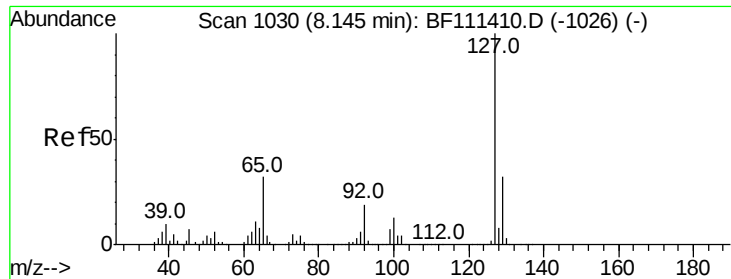
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





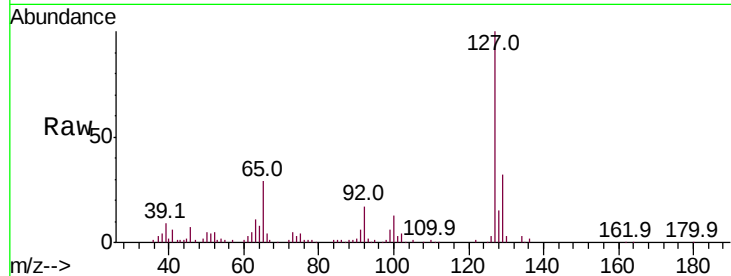
#33
4-Chloroaniline
Concen: 6.825 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.6	39.8		
65	29.0	25.7	38.5		
92	17.2	15.4	23.2		

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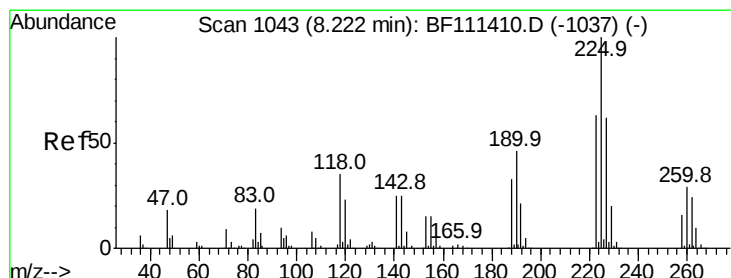
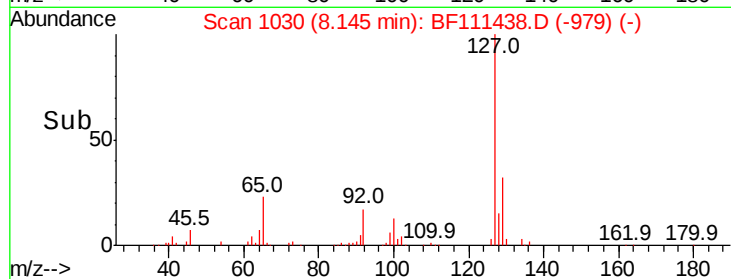
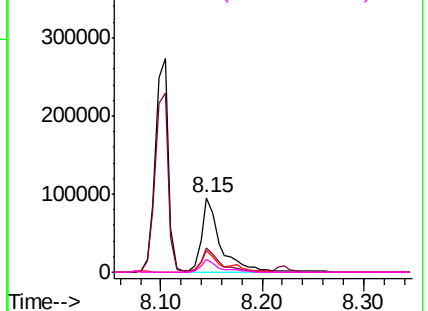
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

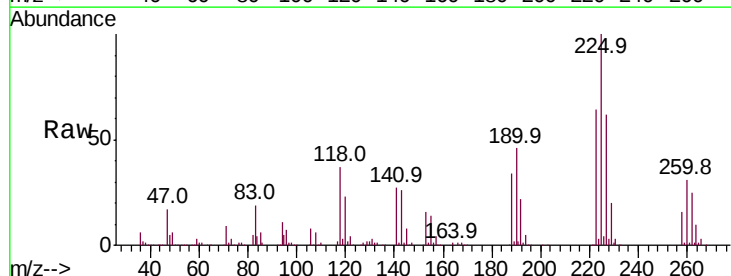
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.961 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	50.7	76.1		
227	62.5	52.6	78.8		

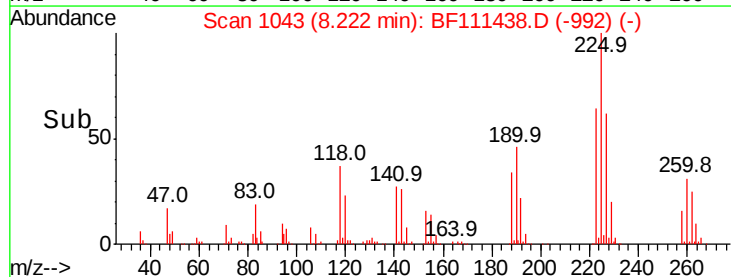
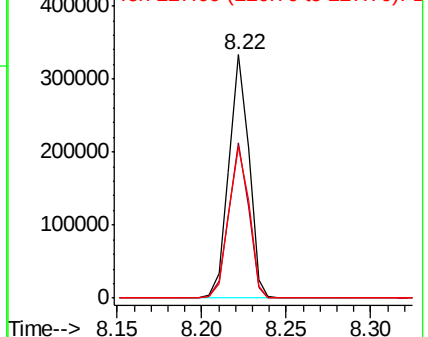


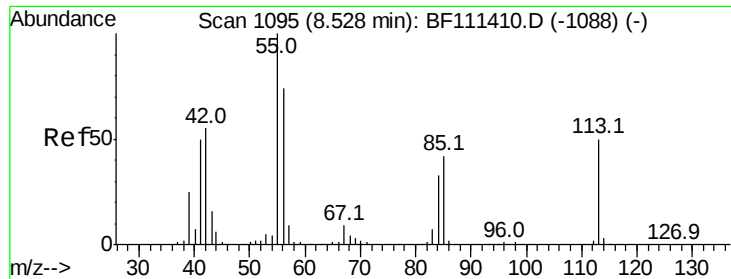
Abundance

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





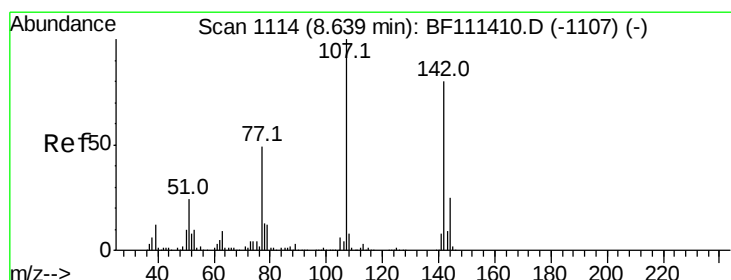
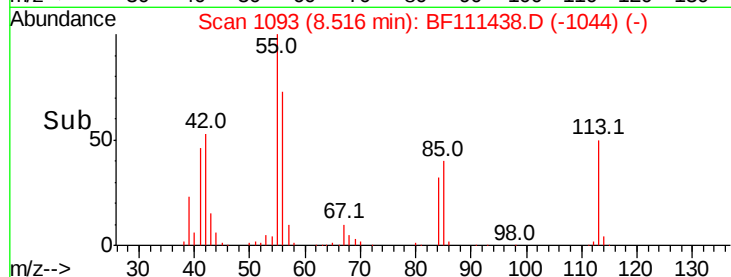
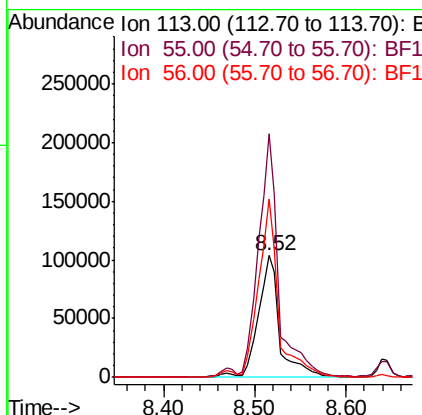
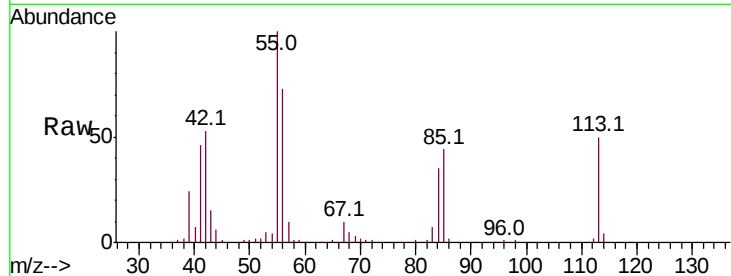
#35
 Caprolactam
 Concen: 37.993 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.3	184.1	224.1
56	146.6	126.0	166.0

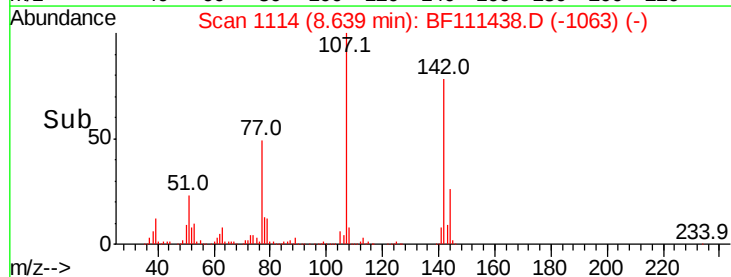
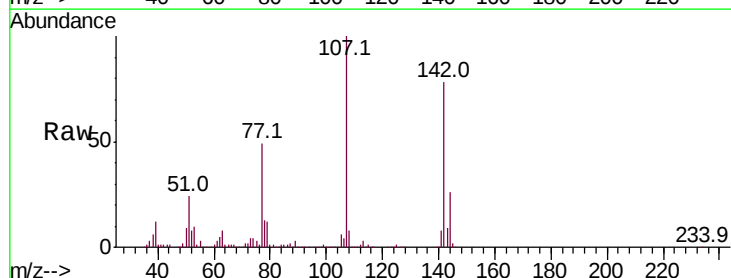
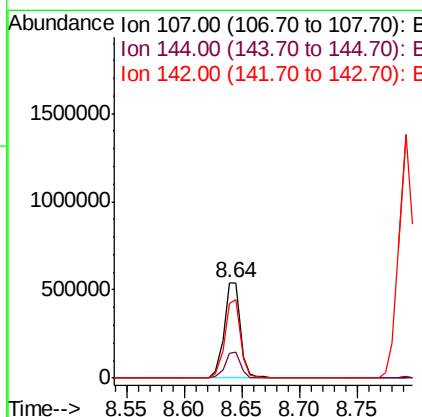
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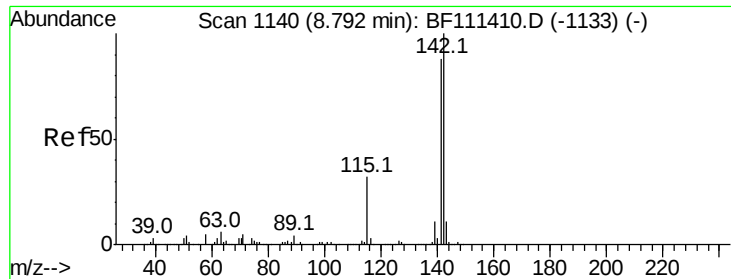
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#36
 4-Chloro-3-methylphenol
 Concen: 40.959 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	19.8	29.6
142	77.5	62.3	93.5





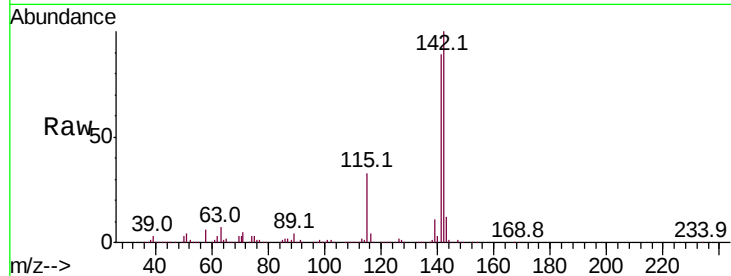
#37
2-Methylnaphthalene
Concen: 43.270 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.6	105.8
115	32.7	27.0	40.6

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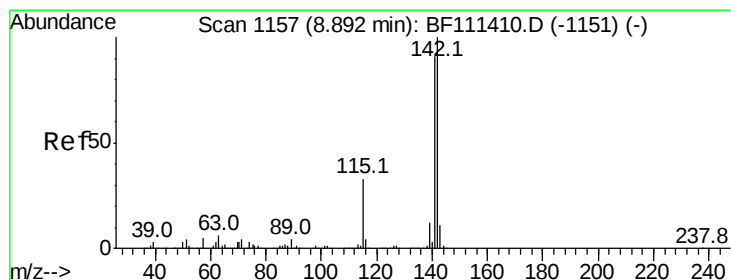
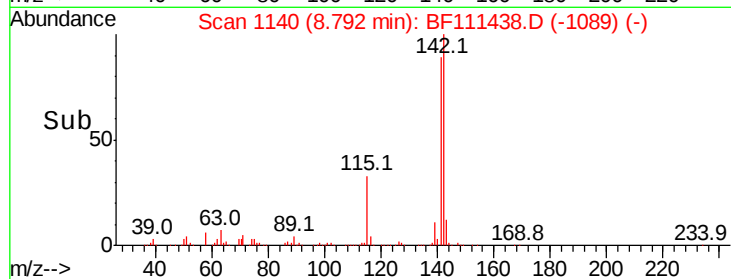
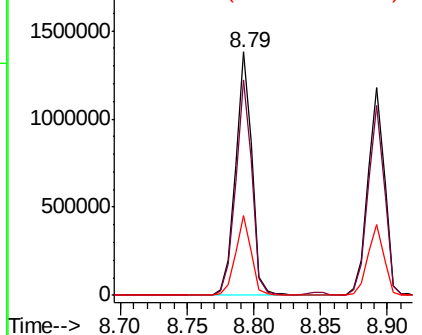


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.576 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

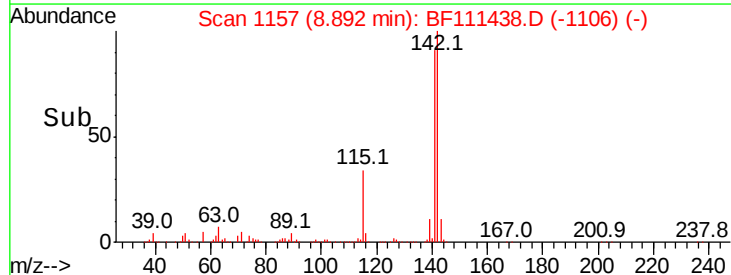
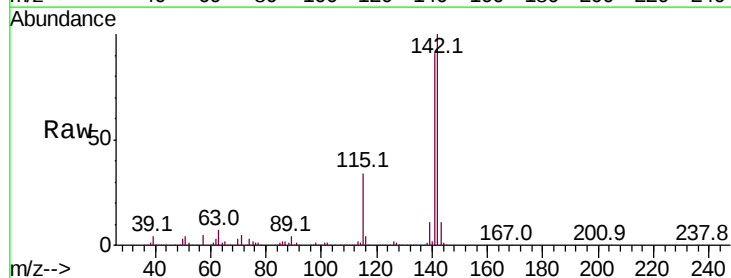
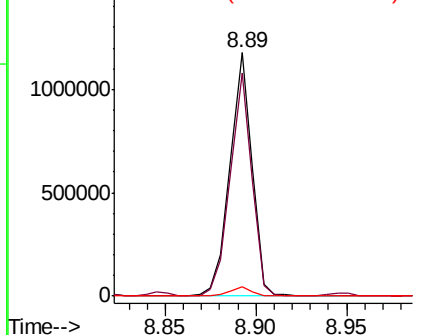
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4
116	3.7	2.9	4.3

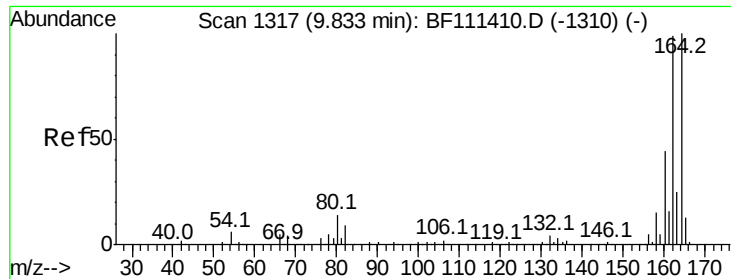
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





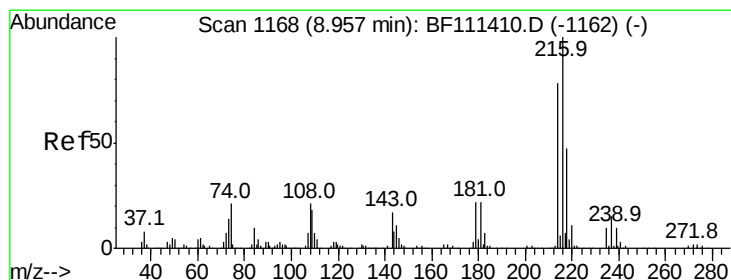
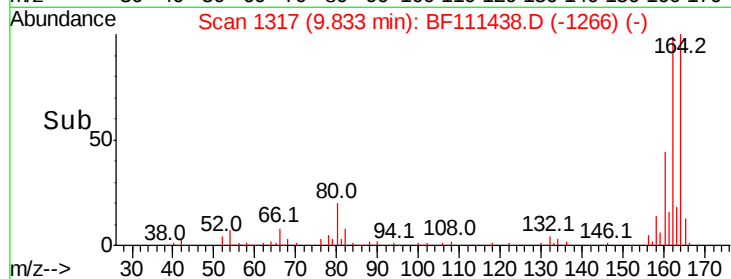
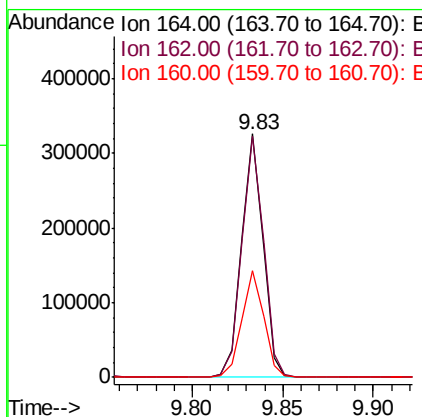
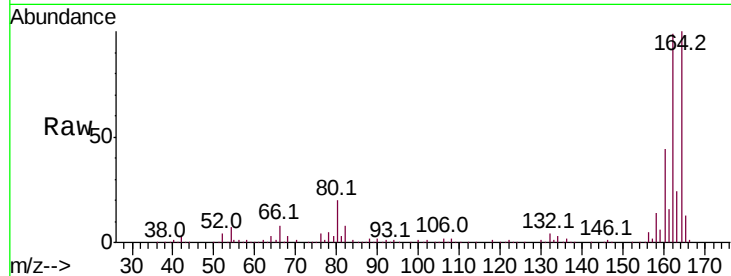
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.0	81.4	122.0	
160	44.1	35.7	53.5	

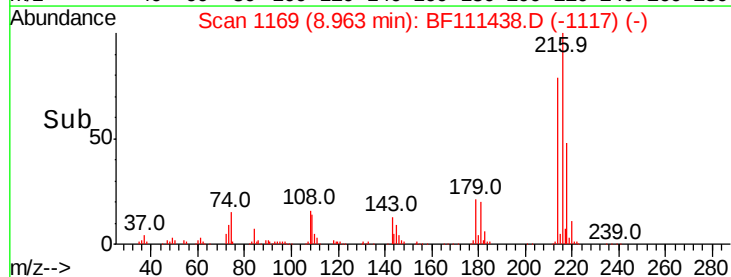
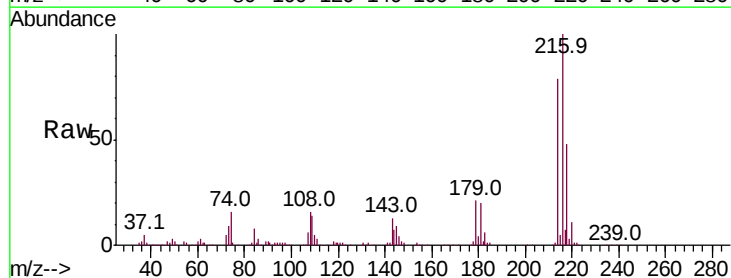
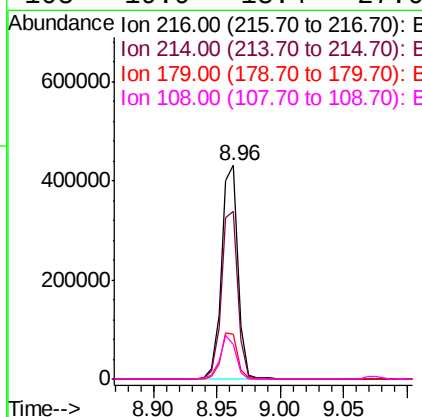
Manual Integrations
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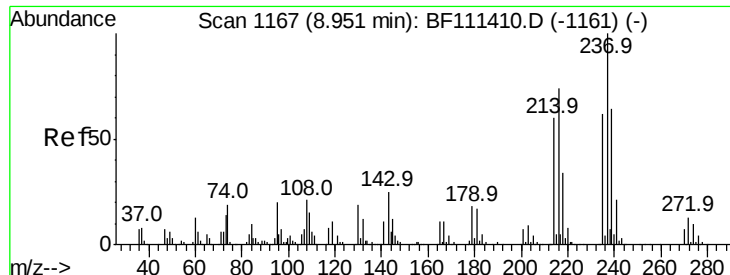
Sohil
12/17/2018 2:37:06 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.150 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.8	95.8	
179	21.8	17.9	26.9	
108	19.9	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 21.151 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

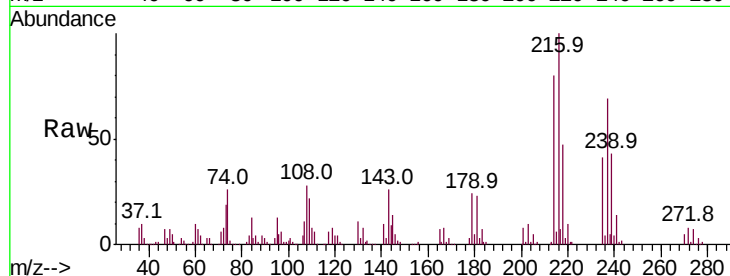
ClientSampled :

SB-2MSD

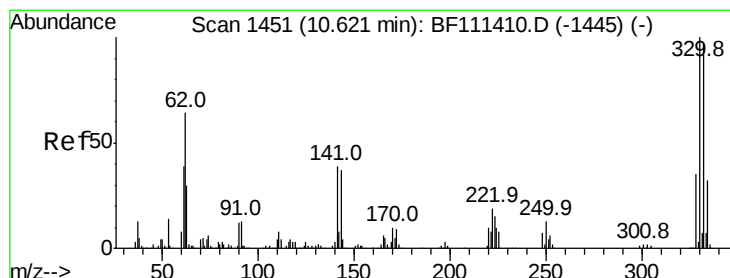
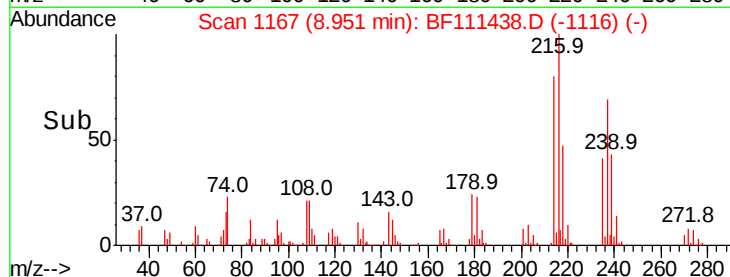
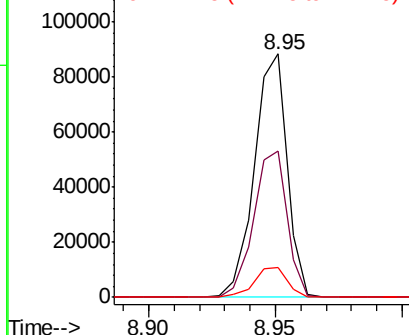
Tot Ion:	237	Resp:	79916
Ion Ratio	Lower	Upper	
237	100		
235	59.9	43.1	83.1
272	12.2	0.0	33.0

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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: 122.372 ng

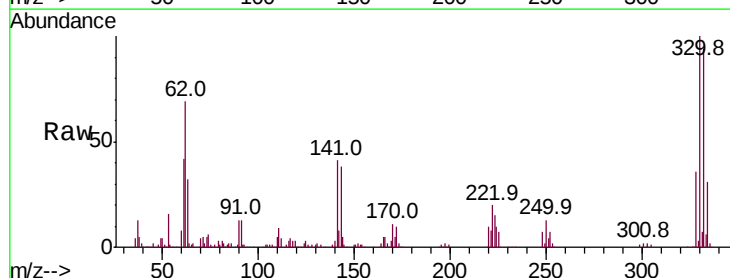
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

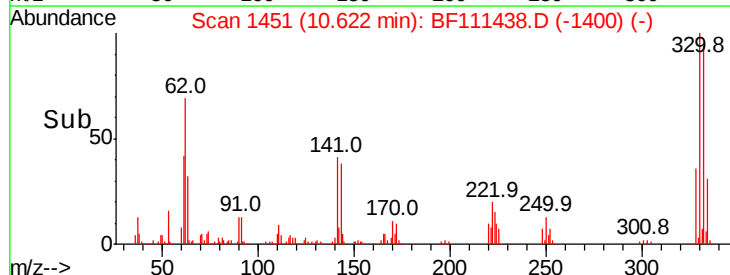
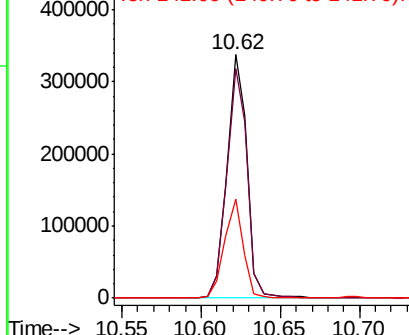
Lab File: BF111438.D

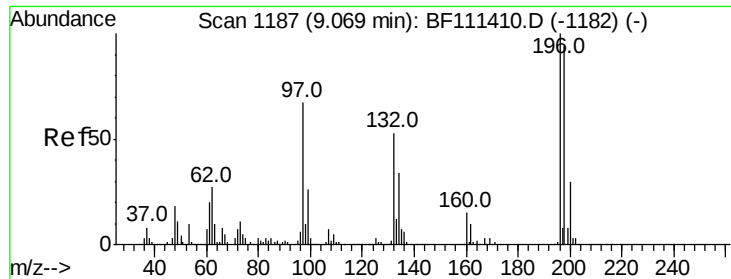
Acq: 15 Dec 2018 00:12

Tgt Ion:	330	Resp:	294162
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.0	114.0
141	38.7	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





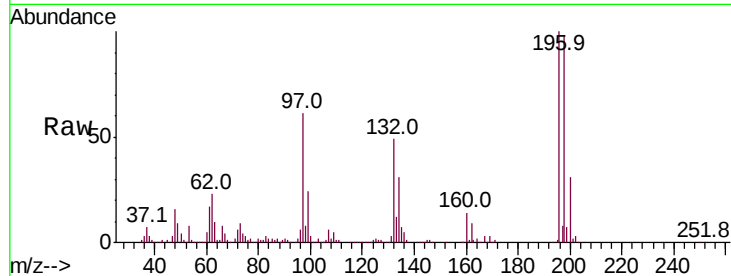
#43
 2,4,6-Trichlorophenol
 Concen: 50.647 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	263794		
198	97.7	76.3	114.5	
200	30.9	24.9	37.3	

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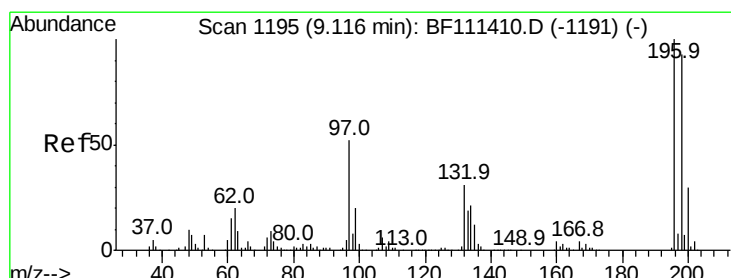
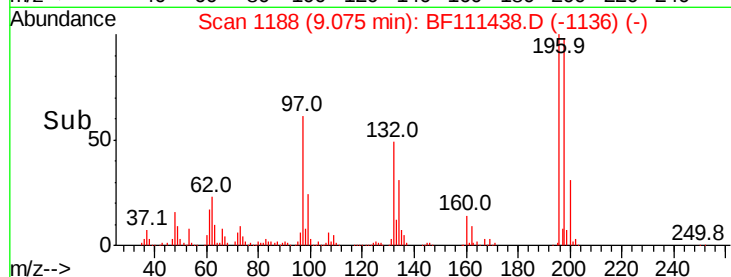
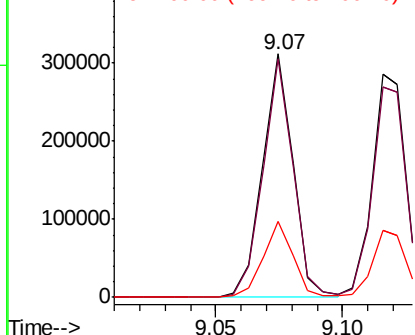


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 49.730 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275628		
198	93.8	72.9	109.3	
97	57.9	45.3	67.9	
132	33.0	25.5	38.3	

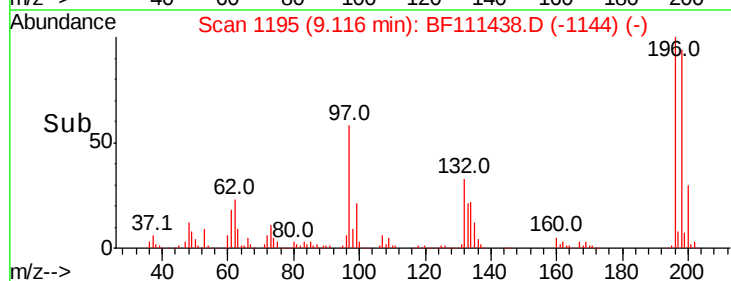
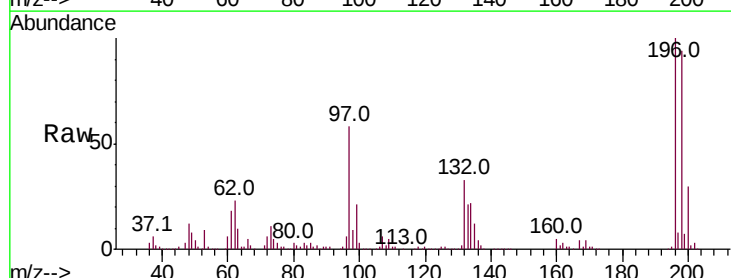
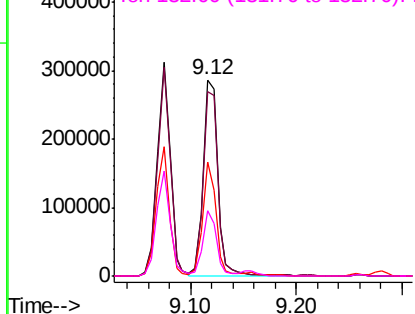
Abundance

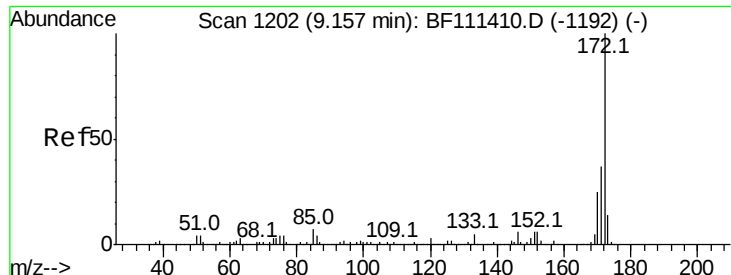
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





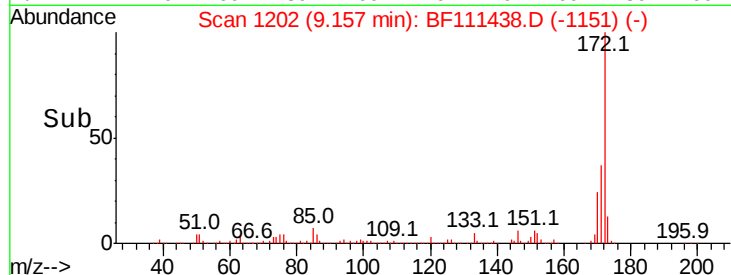
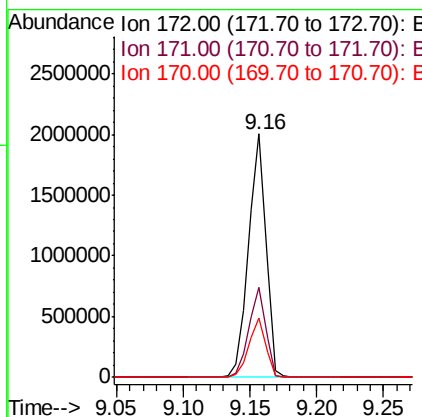
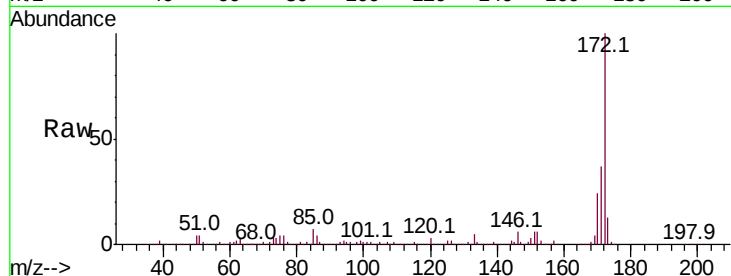
#45
2-Fluorobiphenyl
Concen: 103.067 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	33.0	49.4
170	24.4	22.3	33.5

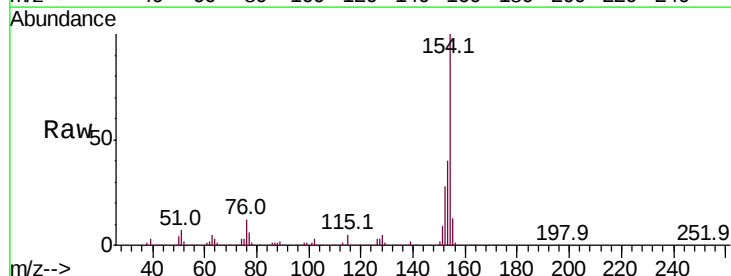
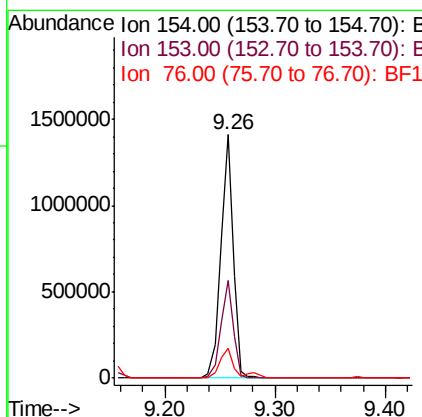
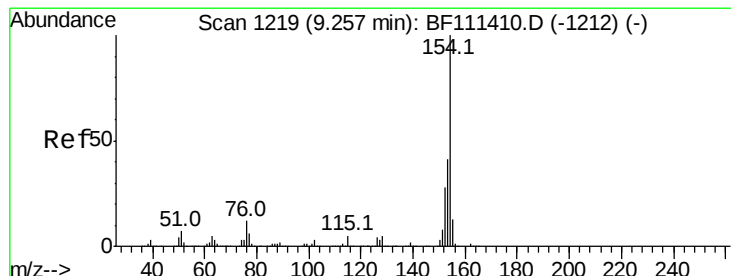
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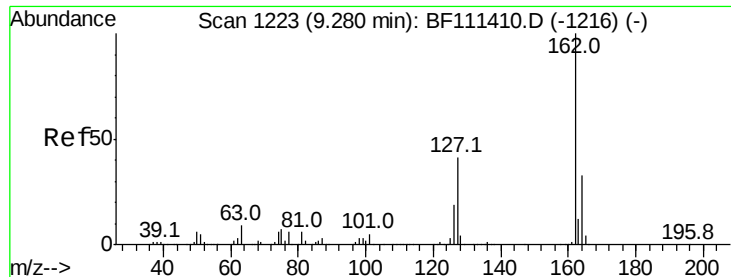
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#46
1,1'-Biphenyl
Concen: 48.852 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	23.7	63.7
76	12.4	0.0	35.0





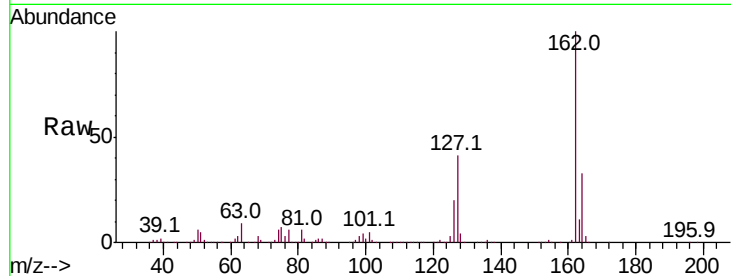
#47
2-Chloronaphthalene
Concen: 49.374 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

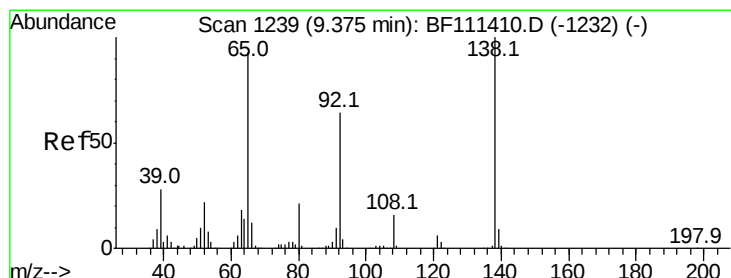
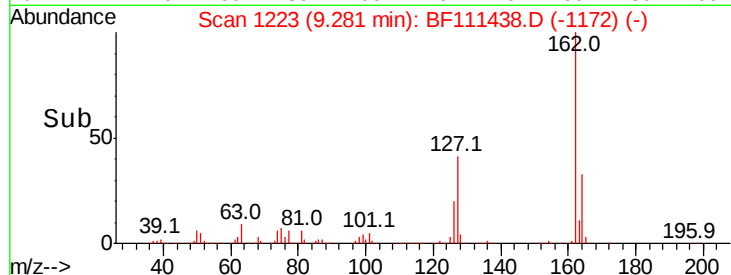
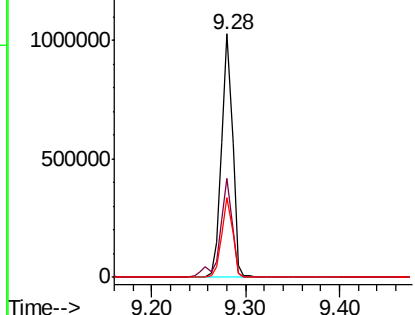
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	35.0	52.4
164	32.8	28.4	42.6

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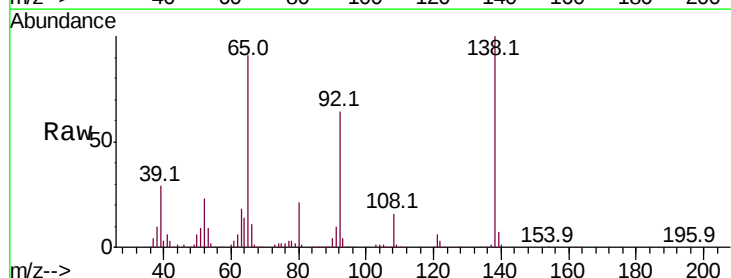


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

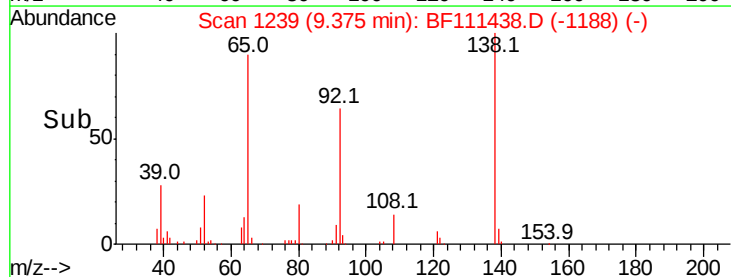
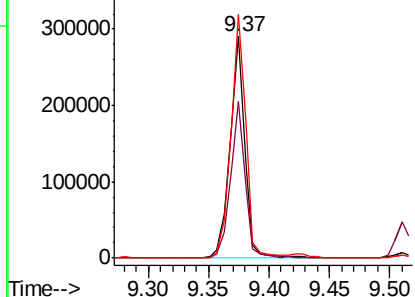


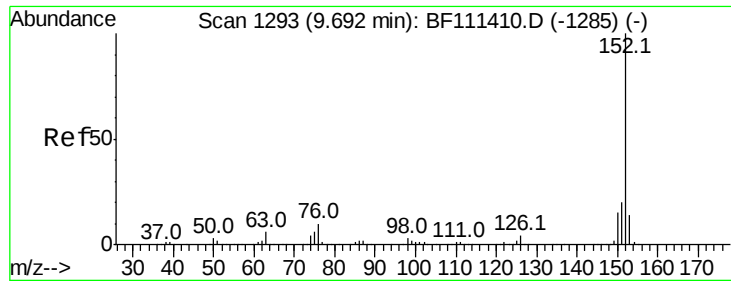
#48
2-Nitroaniline
Concen: 44.326 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	53.5	80.3
138	109.9	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: 47.216 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tot Ion:152 Resp: 1211303

Ion Ratio Lower Upper

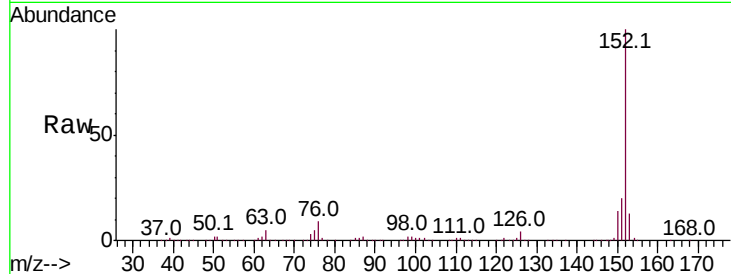
152 100

151 20.3 18.0 27.0

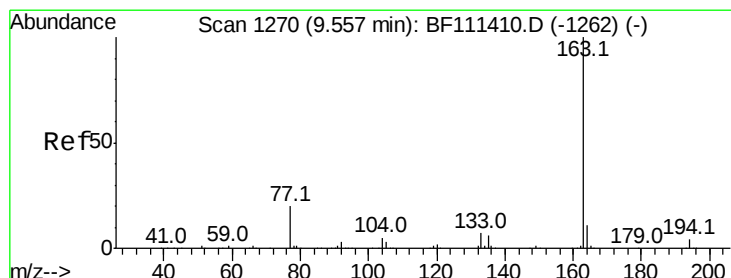
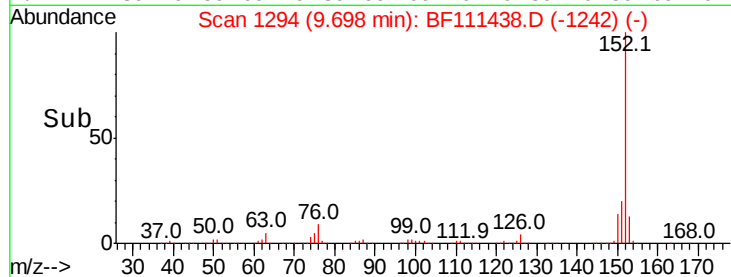
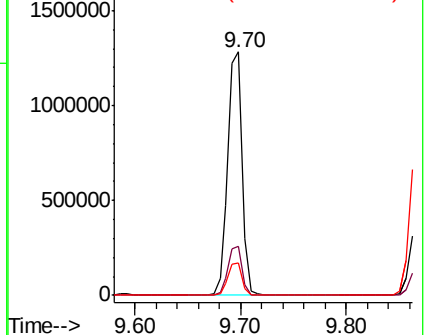
153 13.3 12.3 18.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.739 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

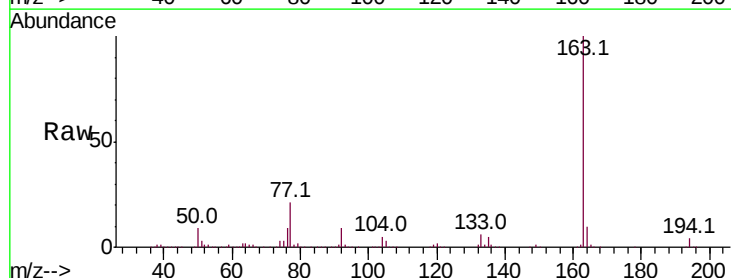
Tgt Ion:163 Resp: 1115850

Ion Ratio Lower Upper

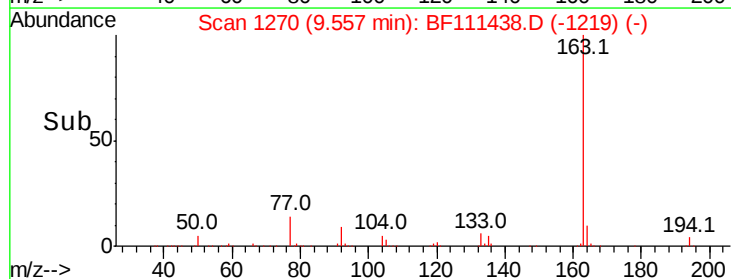
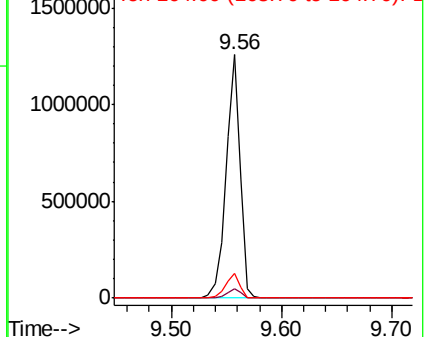
163 100

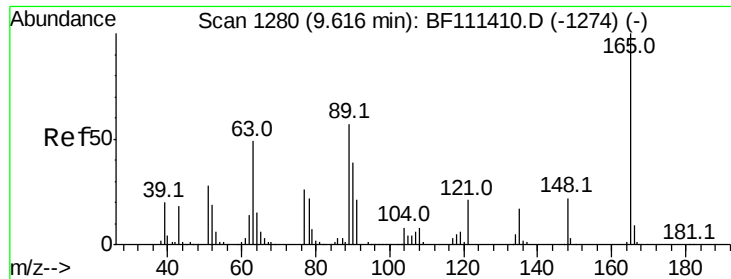
194 3.6 3.0 4.6

164 10.3 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





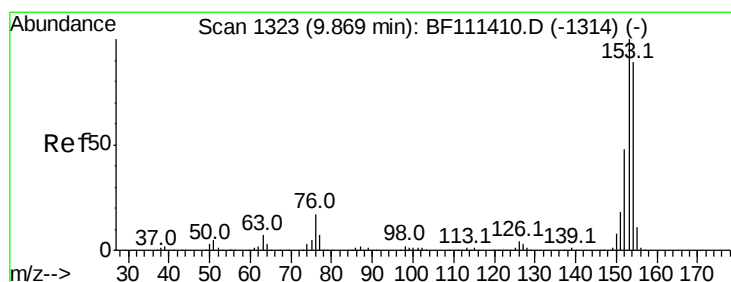
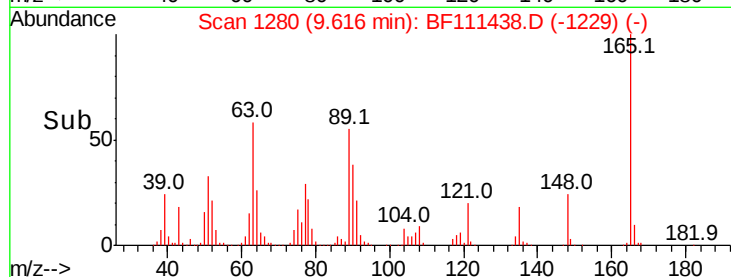
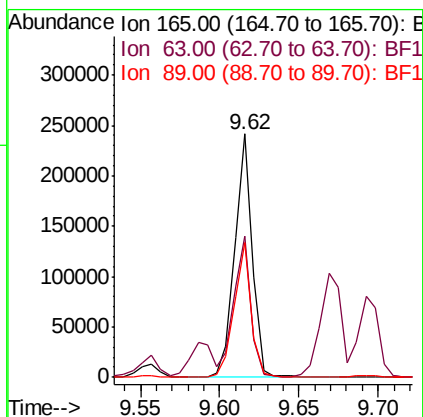
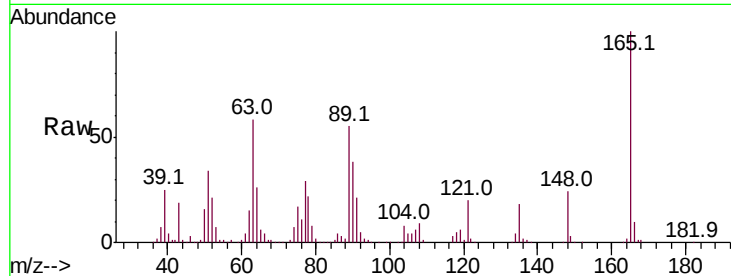
#51
2,6-Dinitrotoluene
Concen: 42.948 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.8	40.5	60.7
89	55.3	40.0	60.0

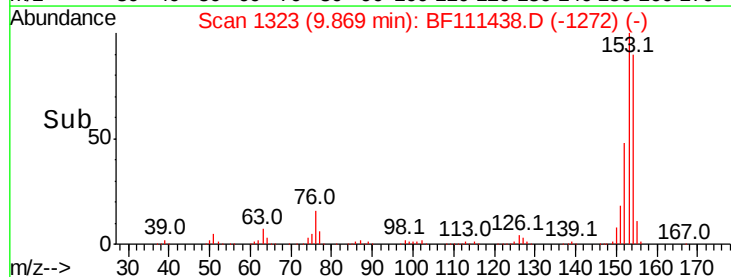
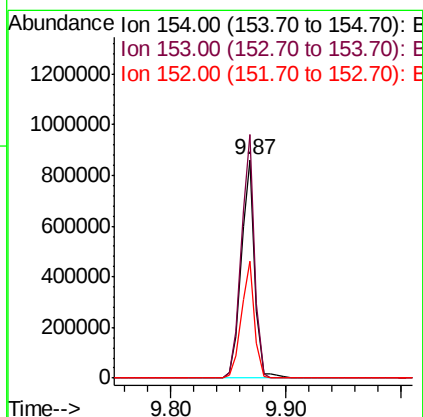
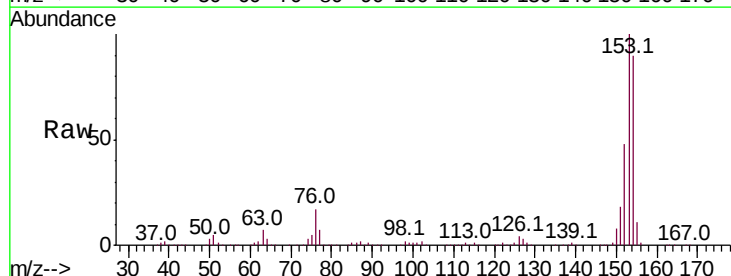
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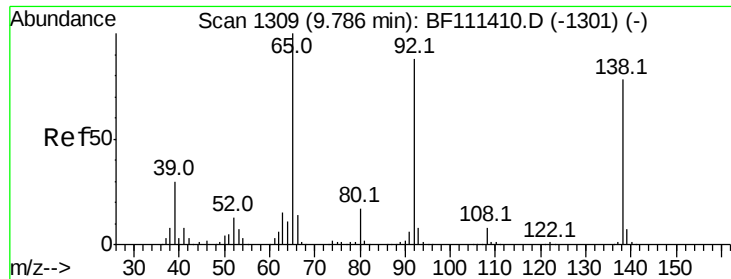
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#52
Acenaphthene
Concen: 42.919 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	87.8	131.8
152	53.4	43.4	65.2





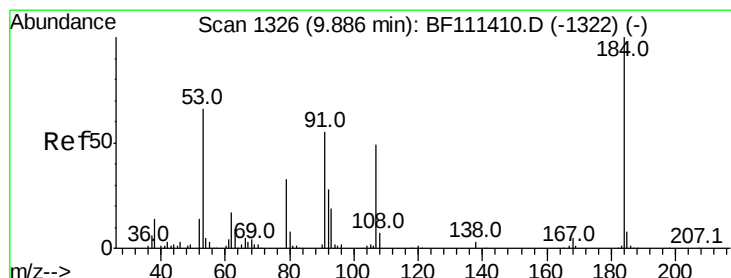
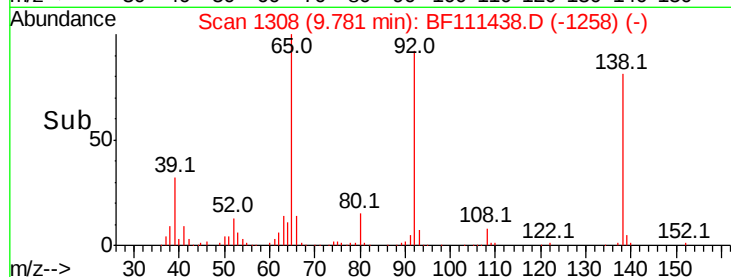
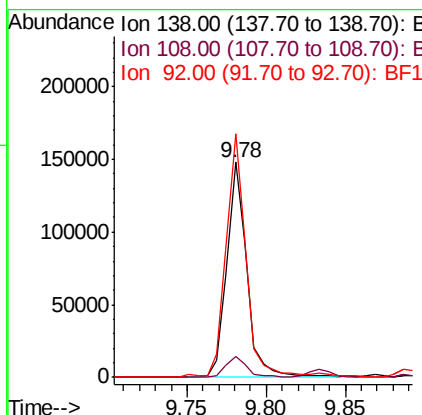
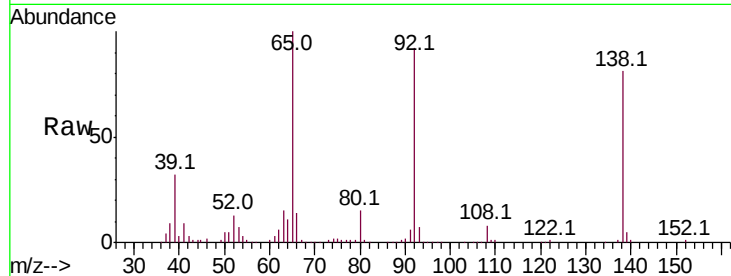
#53
3-Nitroaniline
Concen: 24.577 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	129861		
108	9.8	8.2	12.4	
92	113.0	93.4	140.2	

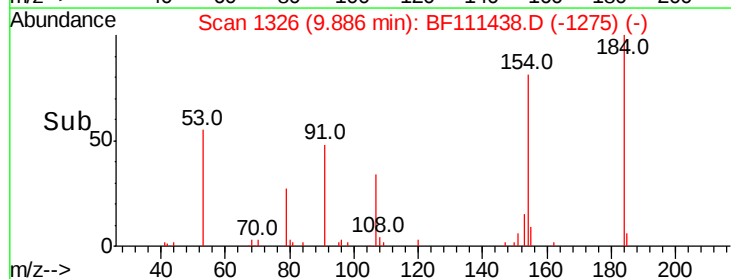
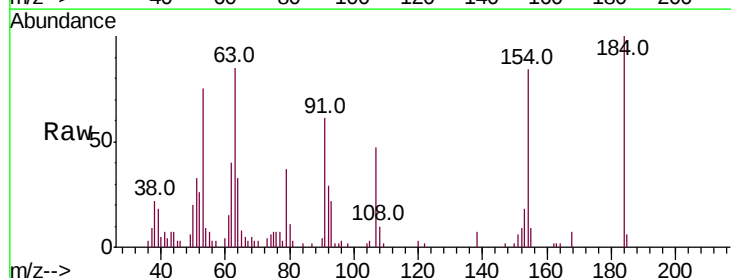
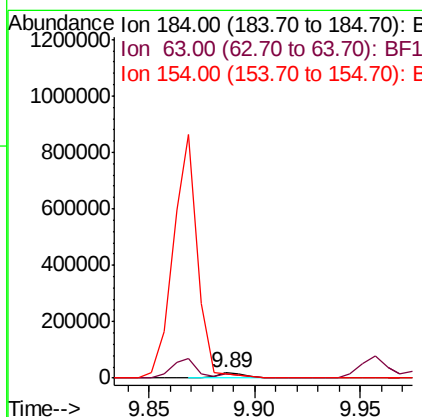
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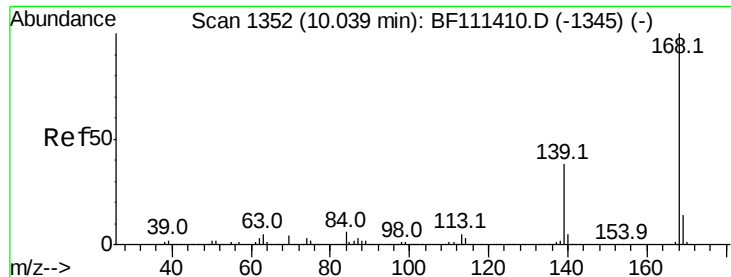
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#54
2,4-Dinitrophenol
Concen: 11.285 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	18676		
63	84.8	62.3	93.5	
154	83.8	56.2	84.2	





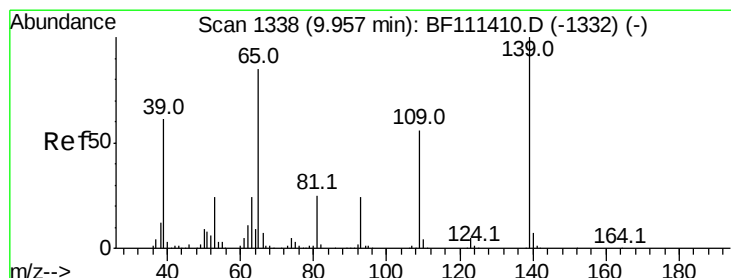
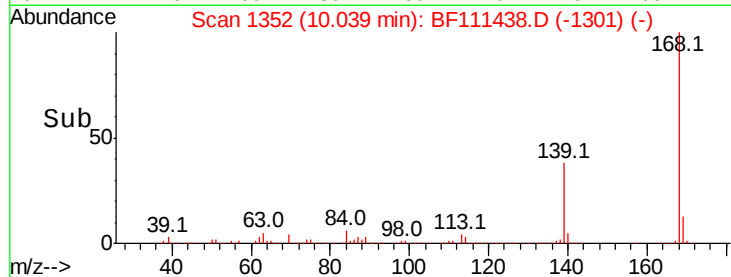
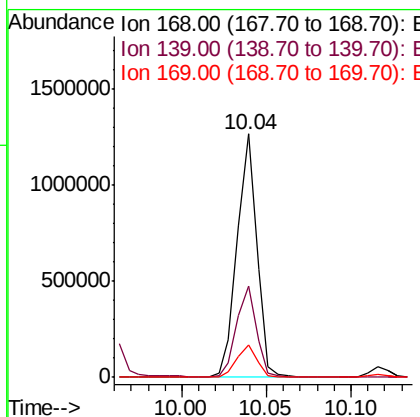
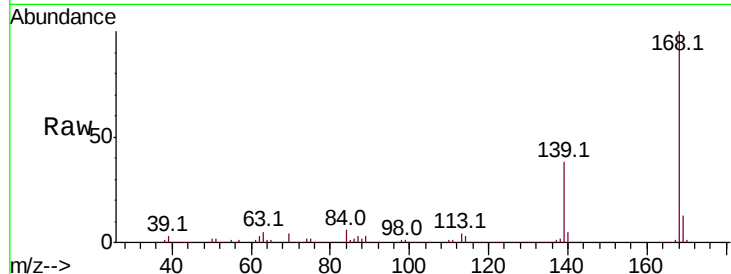
#55
Dibenzenofuran
Concen: 43.845 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion:168 Resp: 1031958
Ion Ratio Lower Upper
168 100
139 37.7 32.6 49.0
169 13.4 11.8 17.6

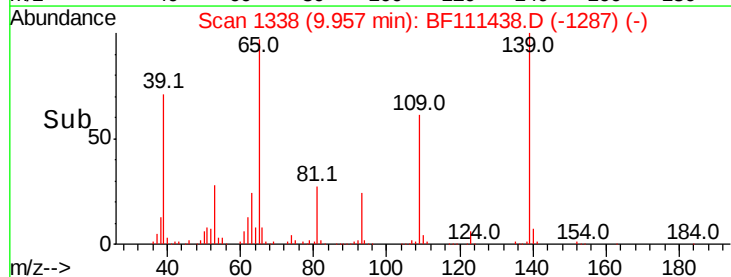
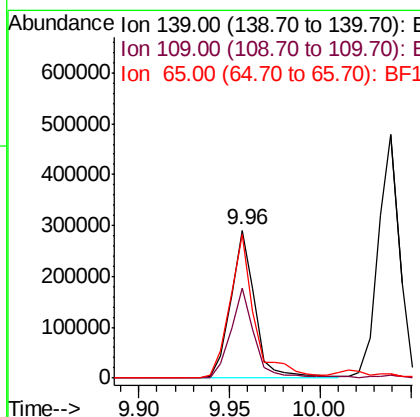
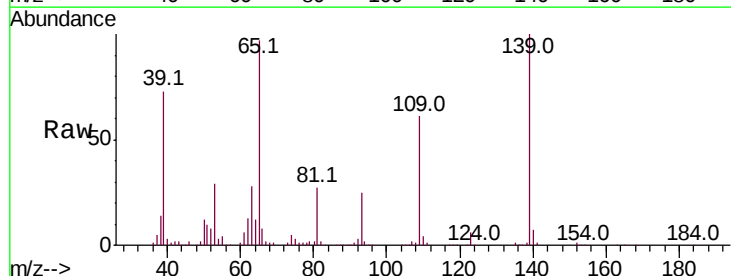
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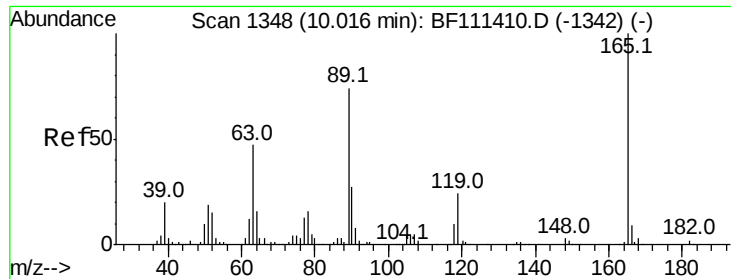
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#56
4-Nitrophenol
Concen: 74.229 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:139 Resp: 271425
Ion Ratio Lower Upper
139 100
109 61.1 41.8 81.8
65 97.4 79.6 119.6





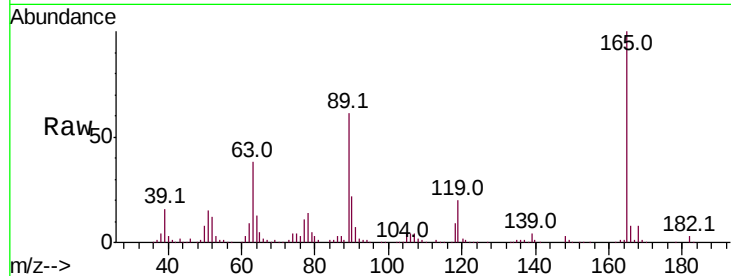
#57
2,4-Dinitrotoluene
Concen: 39.350 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

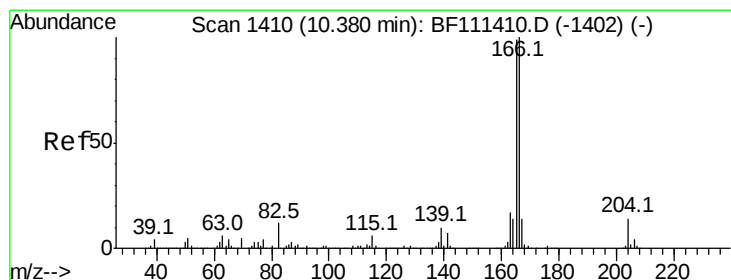
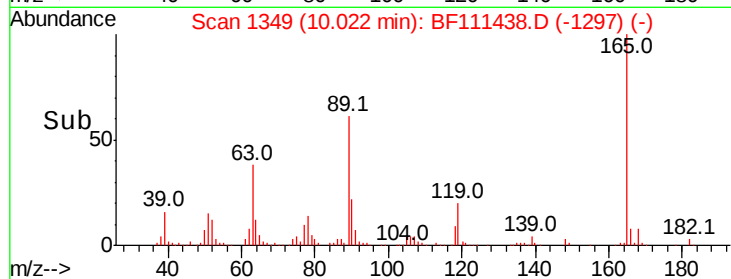
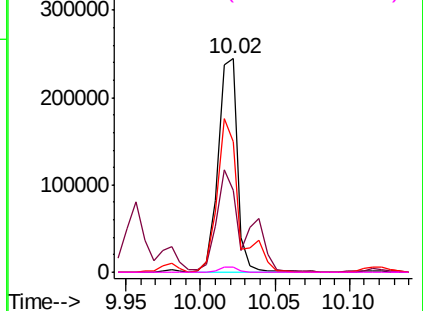
Tot Ion	Ratio	Resp	Lower	Upper
165	100	224672		
63	38.2		34.6	52.0
89	61.4		56.2	84.4
182	2.6		1.8	2.6

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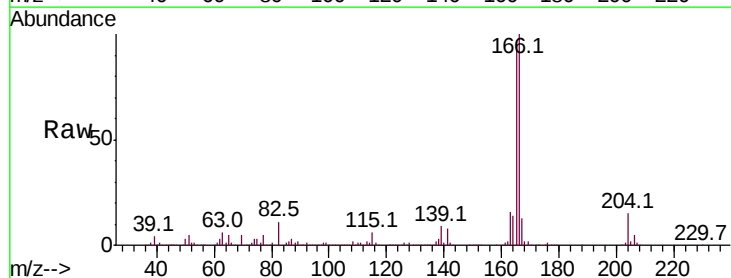


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

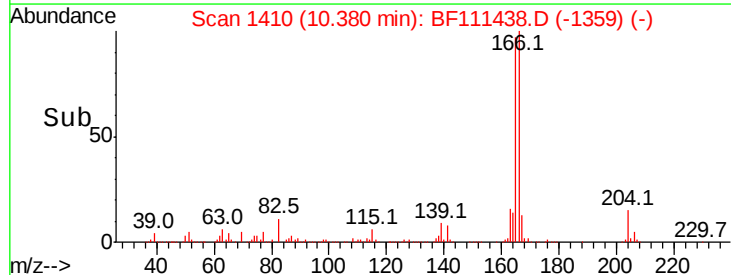
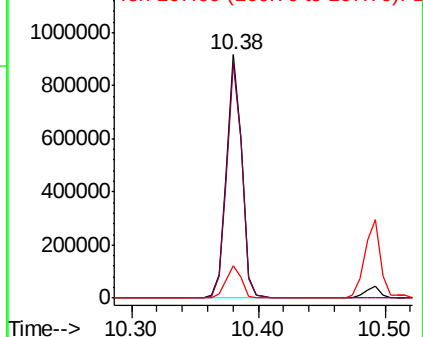


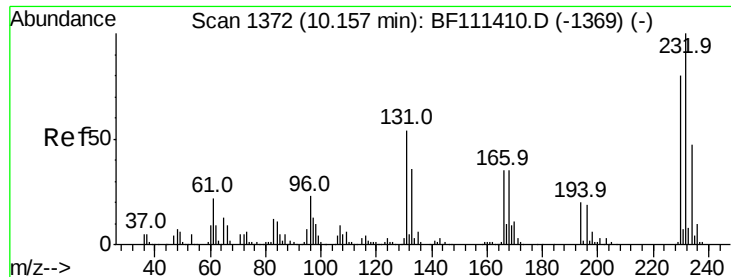
#58
Fluorene
Concen: 44.667 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	762536		
165	96.6		78.4	117.6
167	13.4		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: 41.121 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tot Ion:232 Resp: 178072
Ion Ratio Lower Upper

232 100

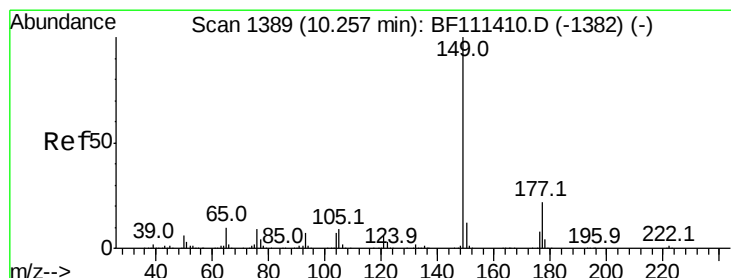
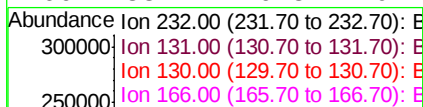
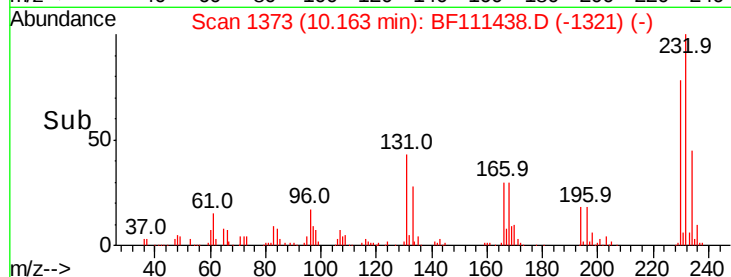
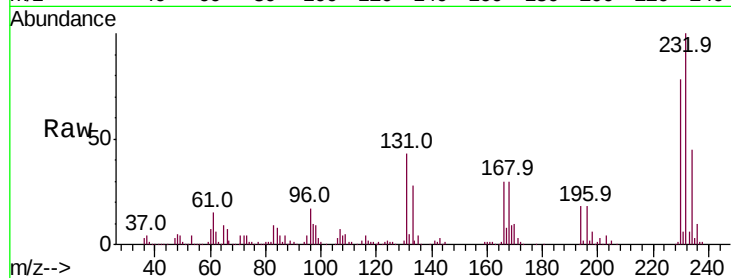
131 50.4 40.9 61.3

130 2.2 2.0 3.0

166 33.2 26.8 40.2

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#60

Diethylphthalate

Concen: 45.202 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF111438.D

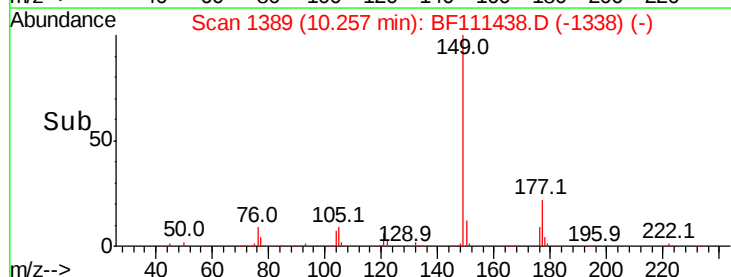
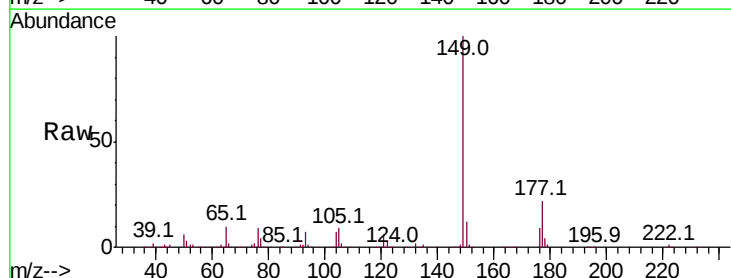
Acq: 15 Dec 2018 00:12

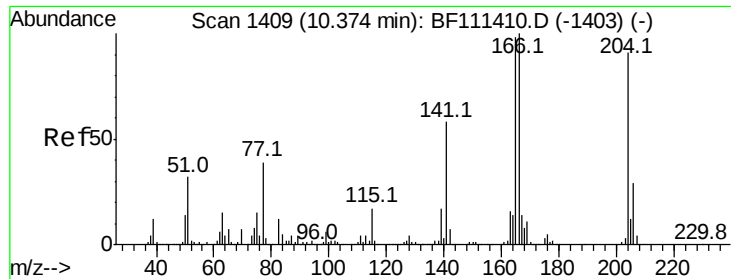
Tgt Ion:149 Resp: 884872
Ion Ratio Lower Upper

149 100

177 21.8 18.3 27.5

150 12.1 10.6 15.8





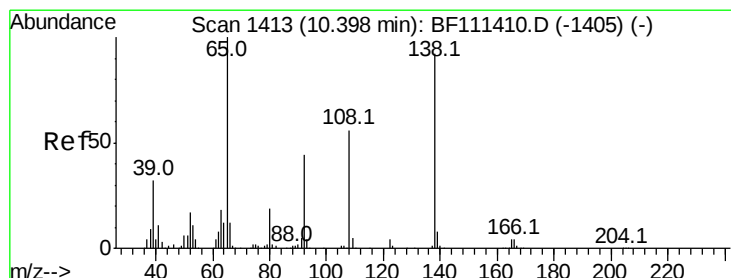
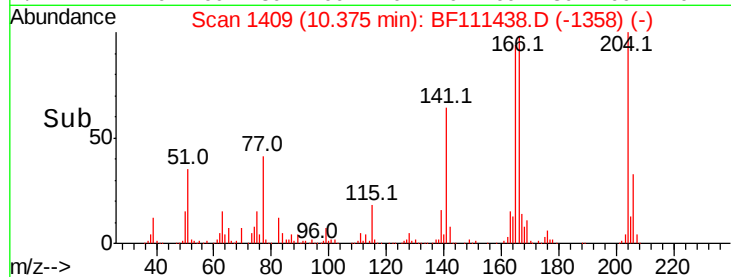
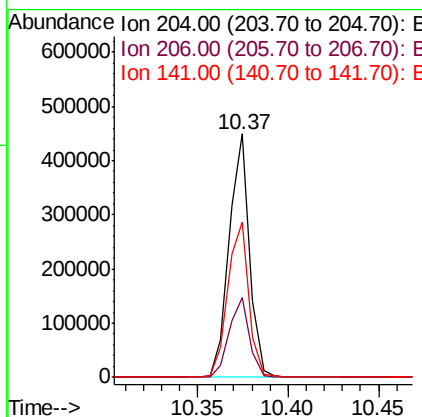
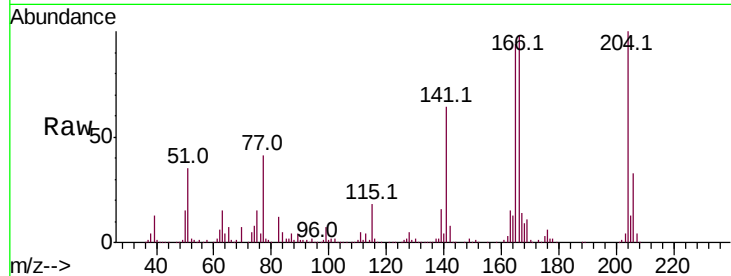
#61
 4-Chlorophenyl-phenylether
 Concen: 42.141 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Instrument :
 BNA_F
 ClientSampled :
 SB-2MSD

Tot Ion:	204	Resp:	351977
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.6	39.8
141	63.8	52.6	78.8

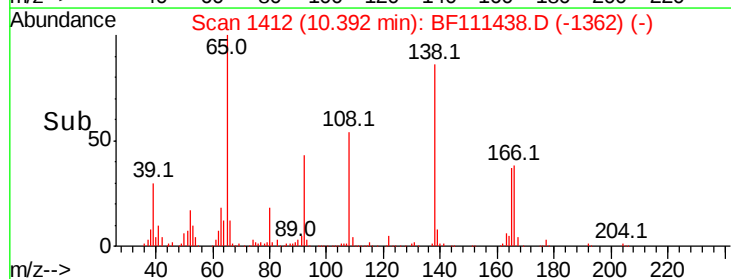
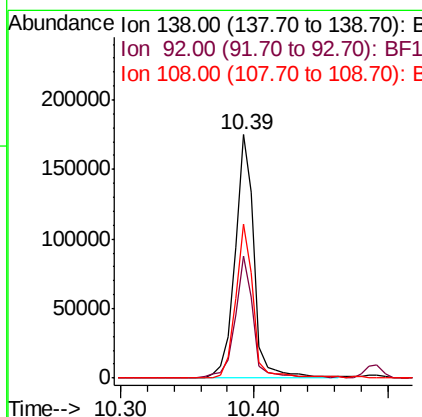
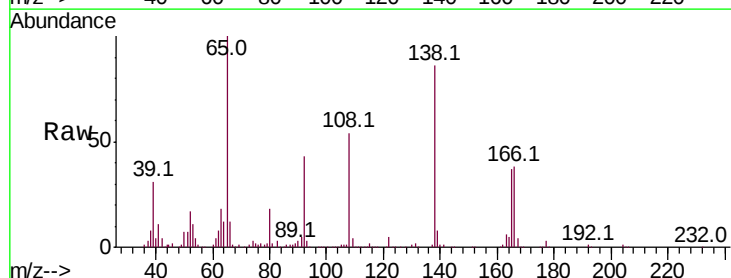
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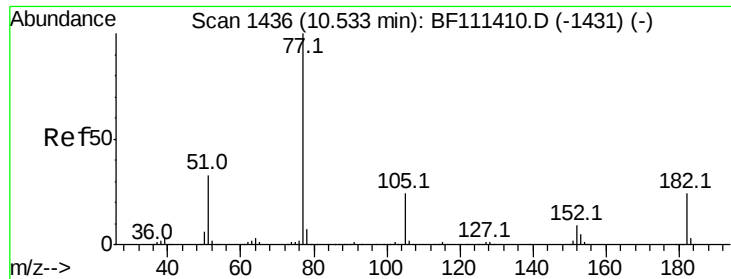
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#62
 4-Nitroaniline
 Concen: 33.553 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion:	138	Resp:	175501
Ion Ratio	Lower	Upper	
138	100		
92	50.3	29.9	69.9
108	63.3	43.2	83.2





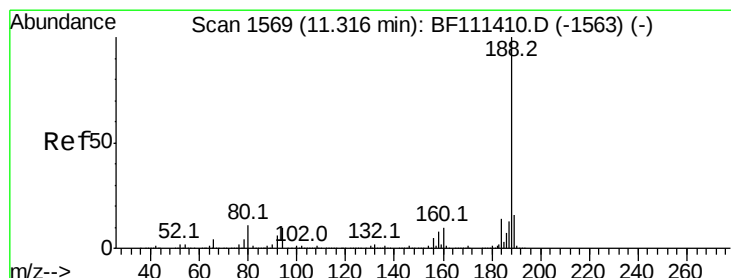
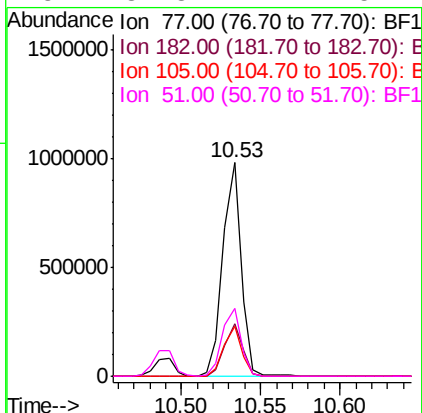
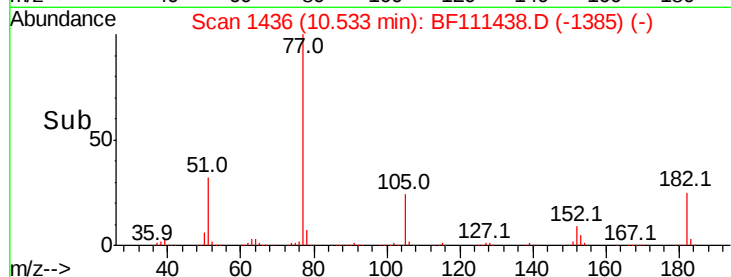
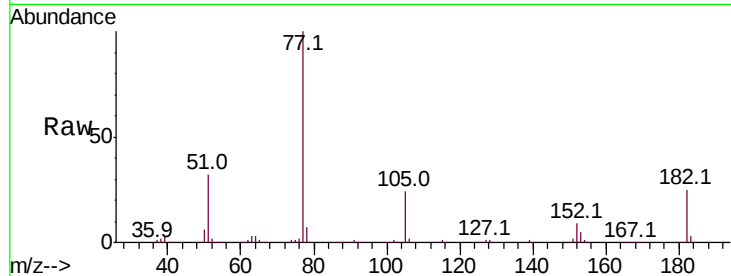
#63
Azobenzene
Concen: 40.922 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.9	44.9
105	23.6	6.0	46.0
51	31.8	14.7	54.7

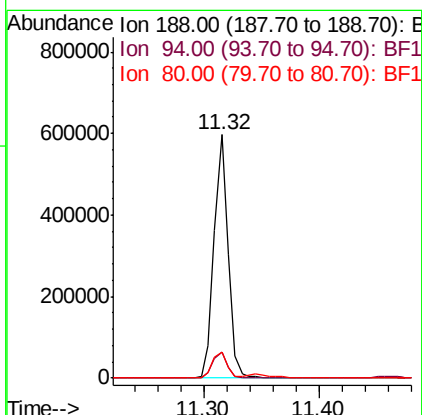
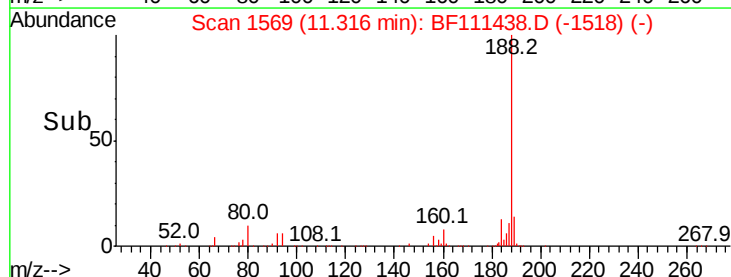
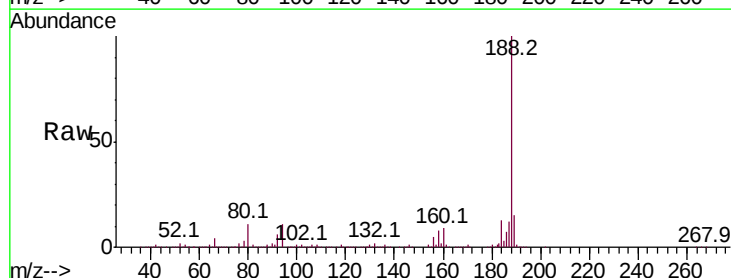
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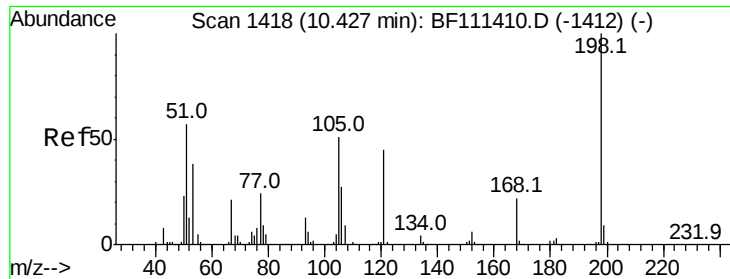
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.6	14.4
80	10.7	9.8	14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 6.885 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

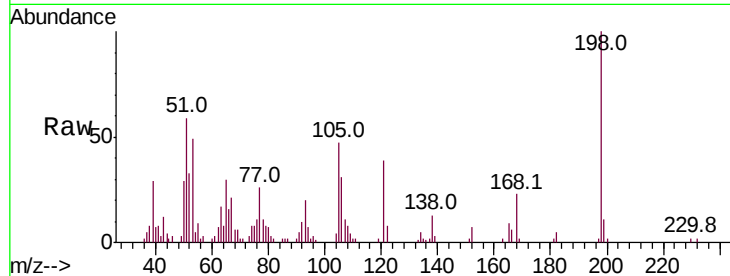
ClientSampleId :

SB-2MSD

Tot Ion:	198	Resp:	19666
Ion Ratio	Lower	Upper	
198	100		
51	58.7	48.0	88.0
105	47.2	34.0	74.0

Manual Integrations
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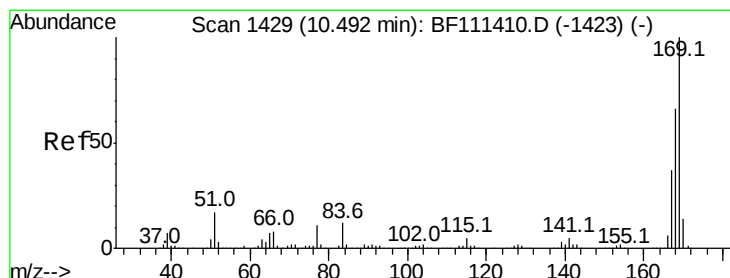
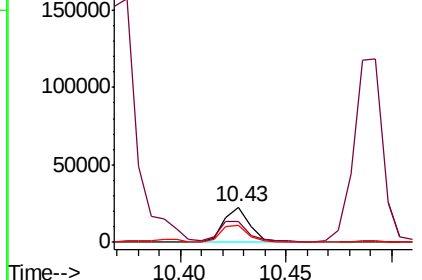
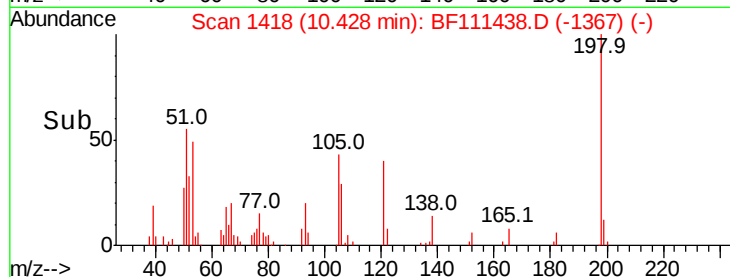
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.195 ng

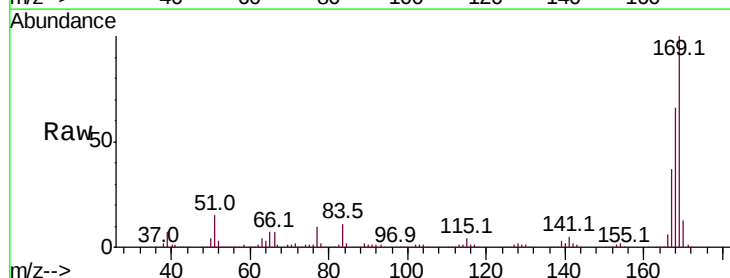
RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

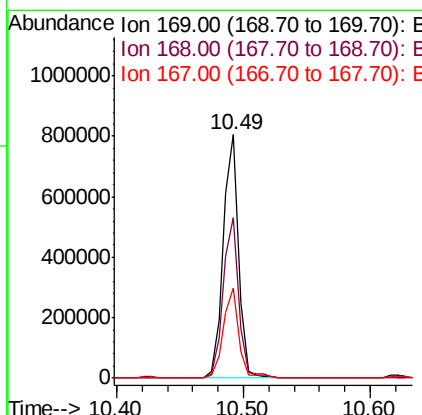
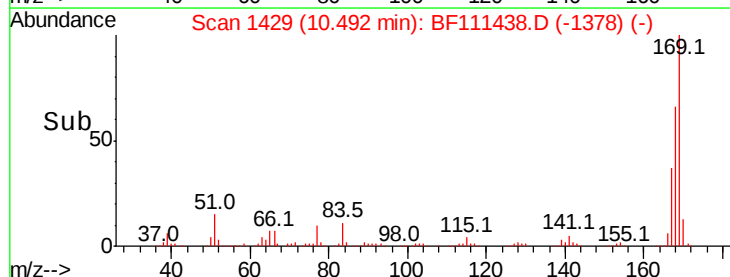
Tgt Ion:	169	Resp:	683896
Ion Ratio	Lower	Upper	
169	100		
168	65.7	54.4	81.6
167	36.8	30.5	45.7

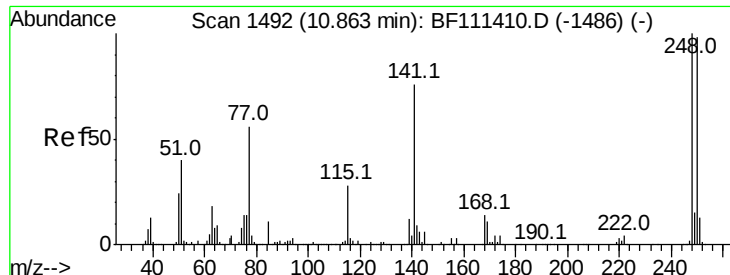


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





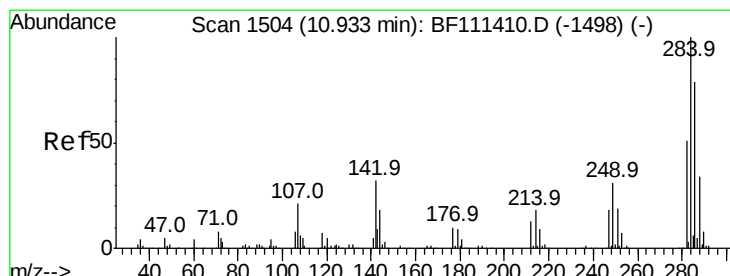
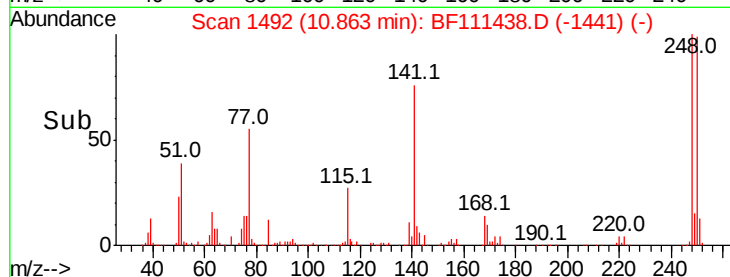
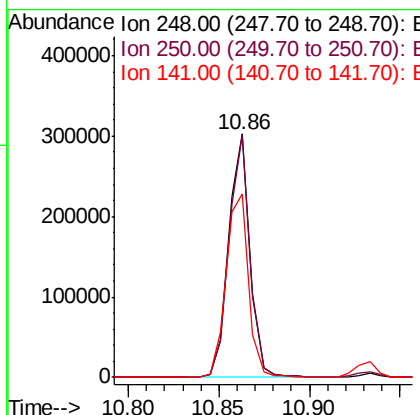
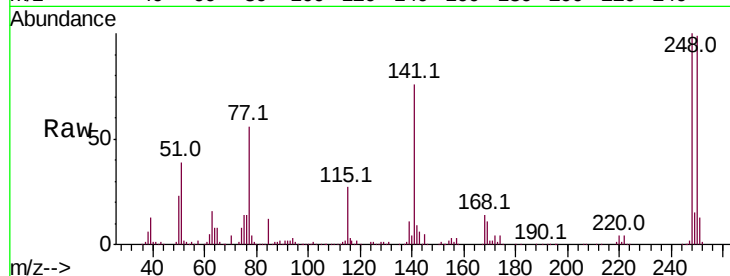
#67
 4-Bromophenyl-phenylether
 Concen: 45.456 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.0	115.4
141	75.5	63.0	94.6

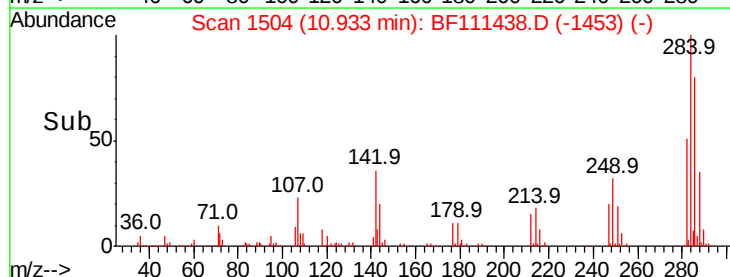
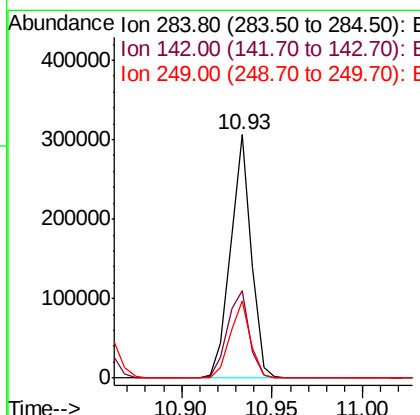
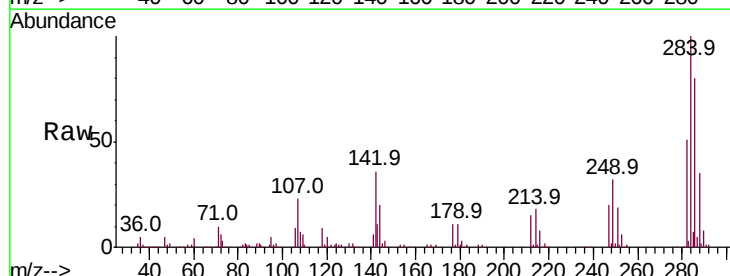
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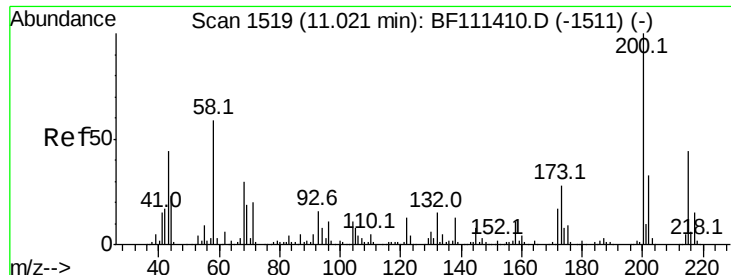
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#68
 Hexachlorobenzene
 Concen: 43.542 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.4	41.2
249	31.7	24.4	36.6





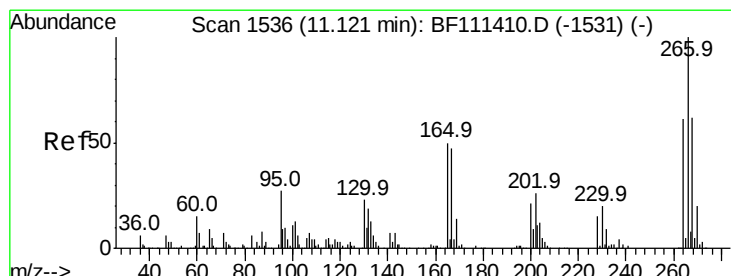
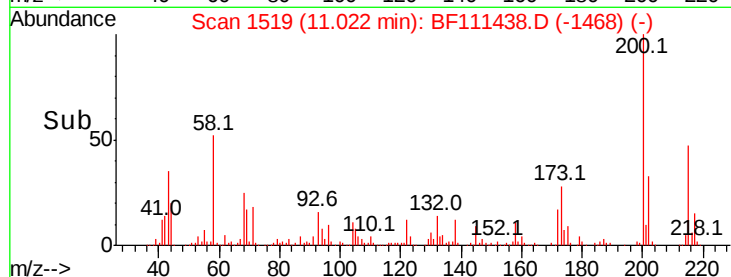
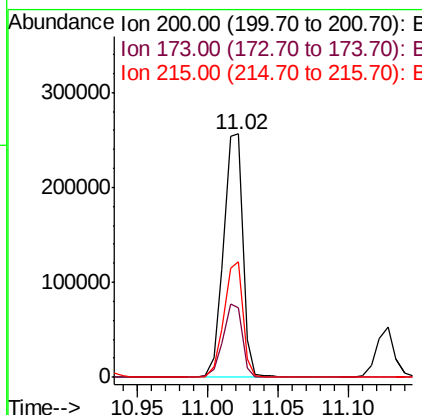
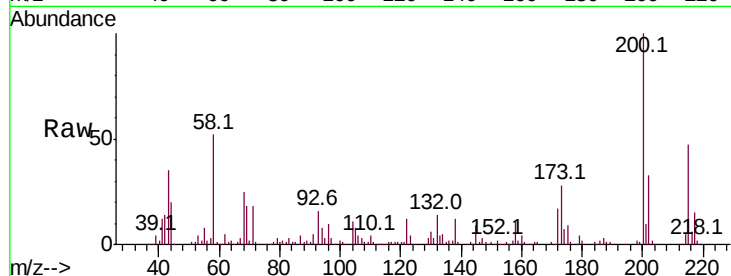
#69
Atrazine
Concen: 48.901 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	246586		
173	28.3	10.1	50.1	
215	47.5	26.9	66.9	

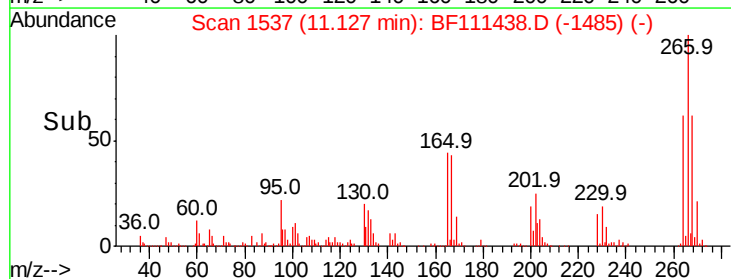
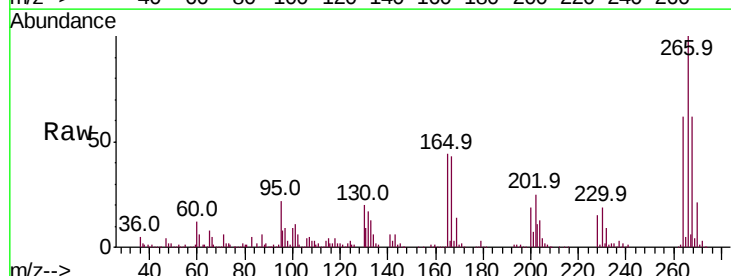
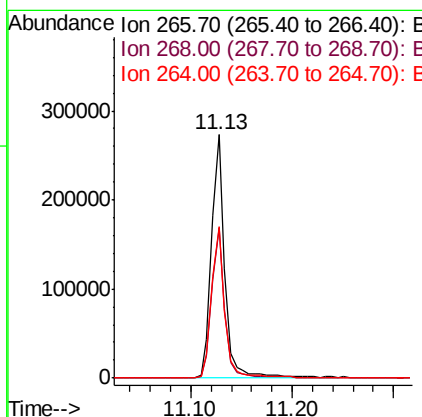
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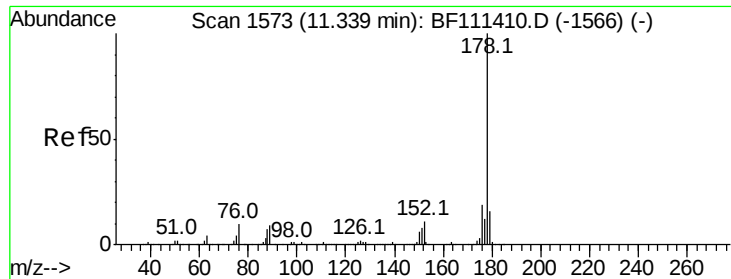
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#70
Pentachlorophenol
Concen: 73.097 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	251503		
268	61.6	47.9	71.9	
264	62.0	49.1	73.7	





#71

Phenanthrene

Concen: 45.978 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tot Ion:178 Resp: 1198749

Ion Ratio Lower Upper

178 100

176 19.8 18.1 27.1

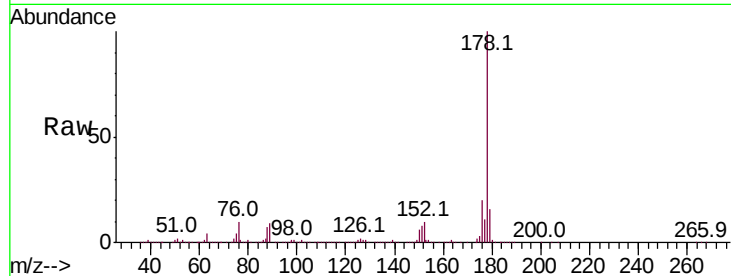
179 15.9 14.0 21.0

Manual Integrations

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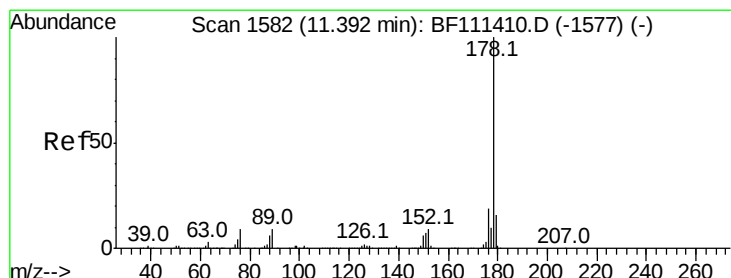
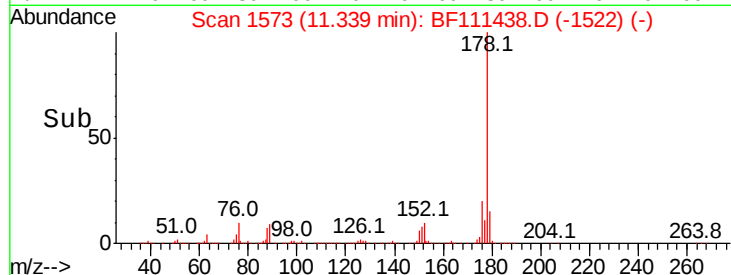
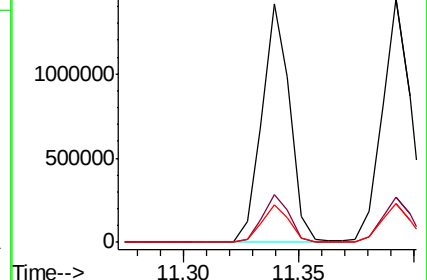
12/17/2018 2:37:06 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.868 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Tgt Ion:178 Resp: 1249663

Ion Ratio Lower Upper

178 100

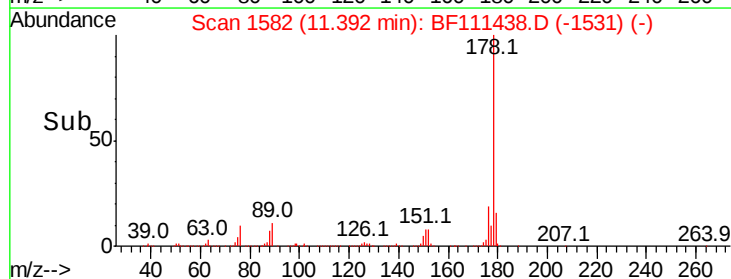
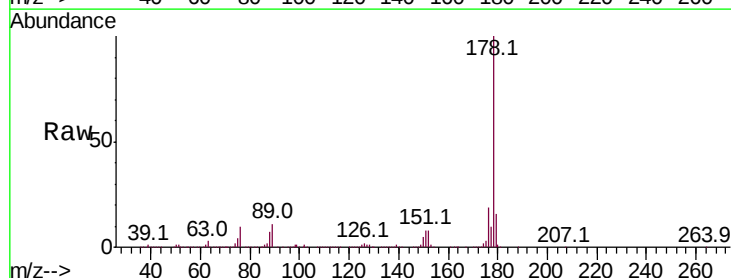
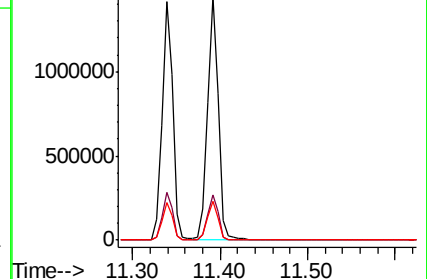
176 18.7 17.2 25.8

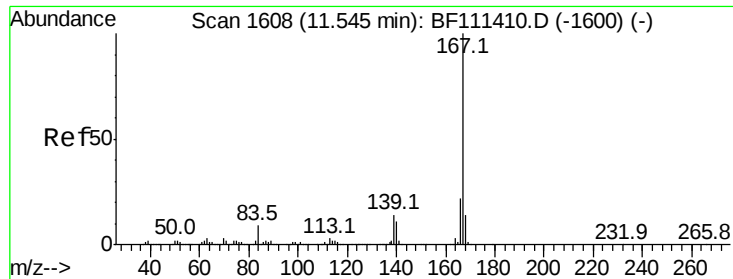
179 16.0 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





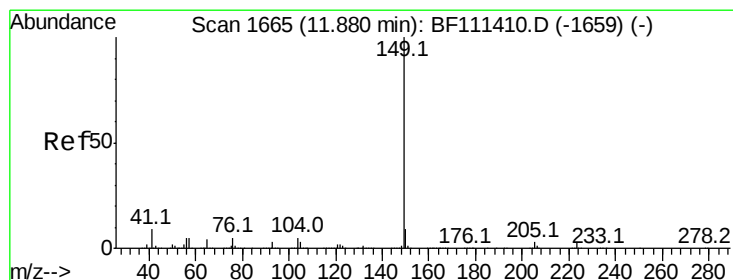
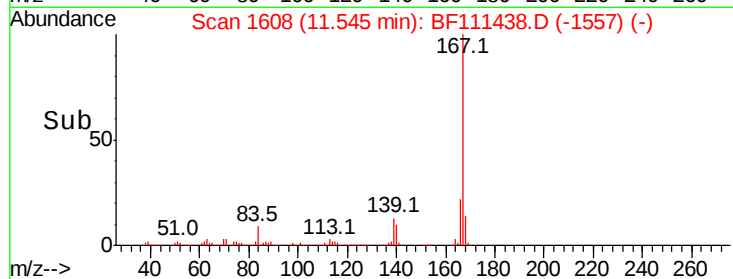
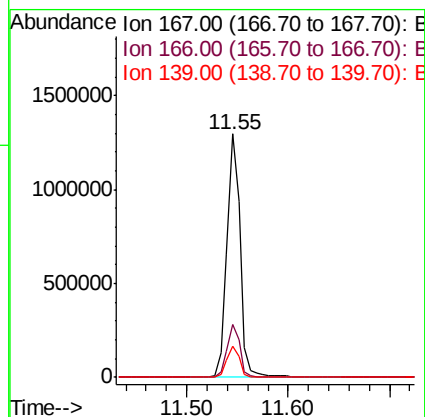
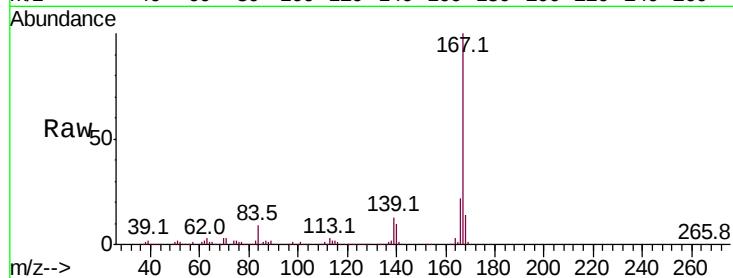
#73
 Carbazole
 Concen: 42.676 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	19.3	28.9
139	12.9	11.9	17.9

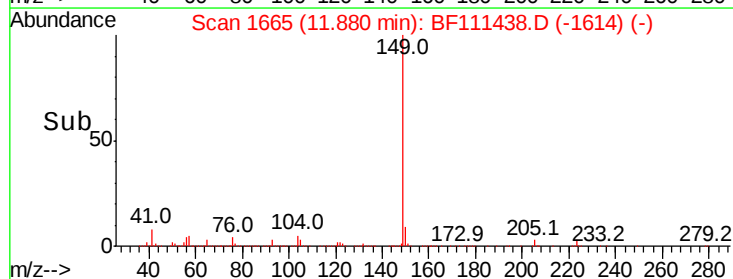
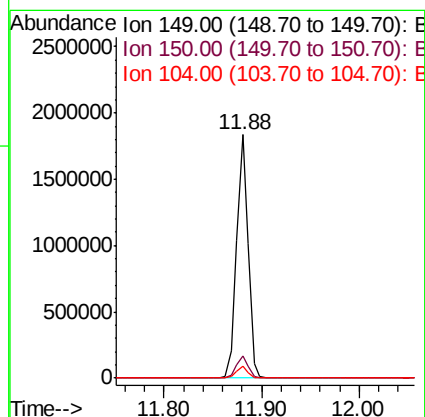
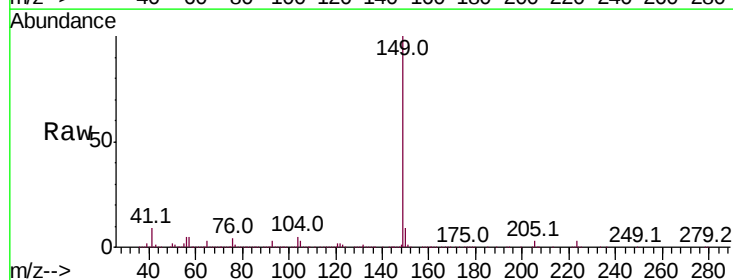
Manual Integrations
 APPROVED

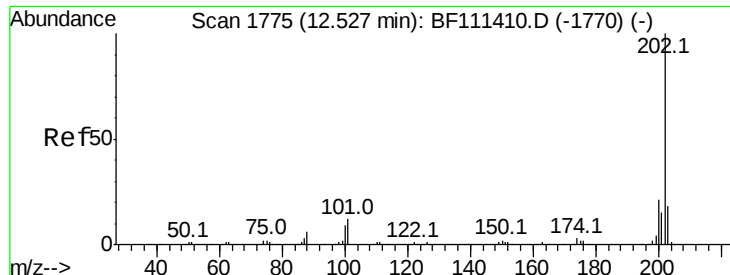
Sohil
 12/17/2018 2:37:06 PM



#74
 Di-n-butylphthalate
 Concen: 48.836 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.8	13.2
104	4.8	4.5	6.7





#75

Fluoranthene

Concen: 47.106 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tot Ion:202 Resp: 1201498

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.8

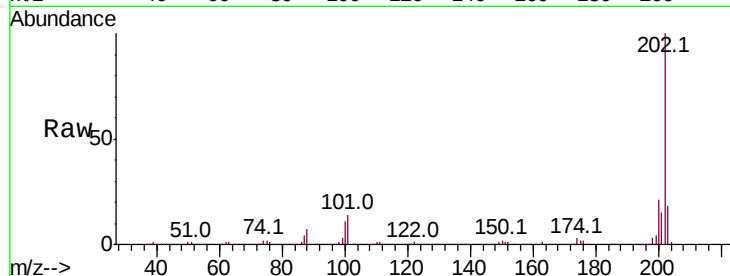
203 18.1 0.0 38.6

Manual Integrations

APPROVED

Sohil

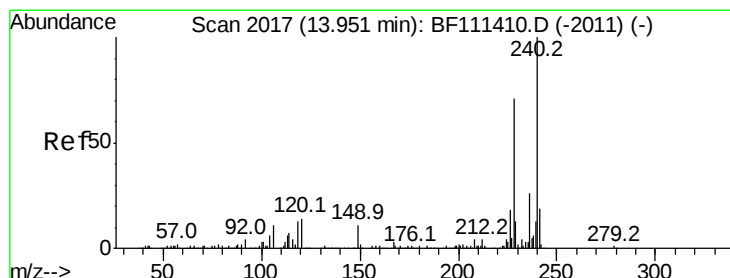
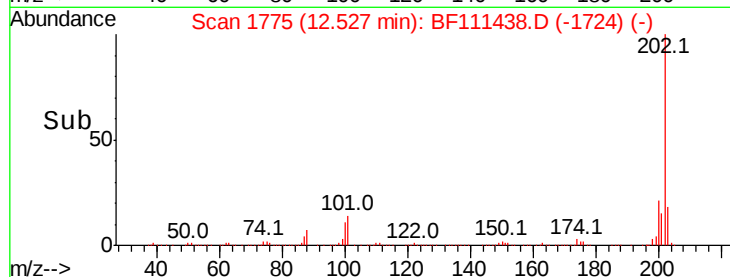
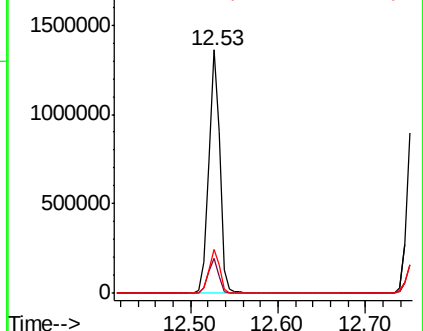
12/17/2018 2:37:06 PM



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: BF111438.D

Acq: 15 Dec 2018 00:12

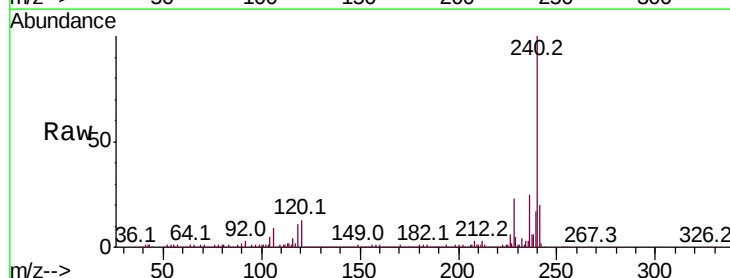
Tgt Ion:240 Resp: 396702

Ion Ratio Lower Upper

240 100

120 12.7 12.2 18.2

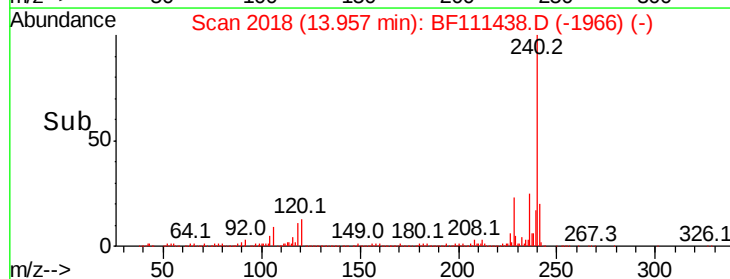
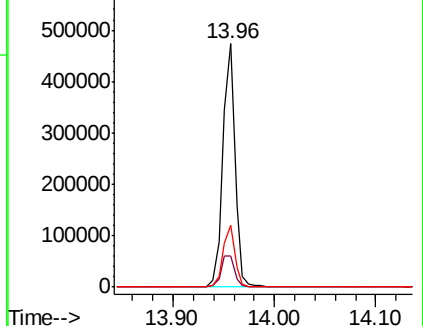
236 25.2 20.2 30.2

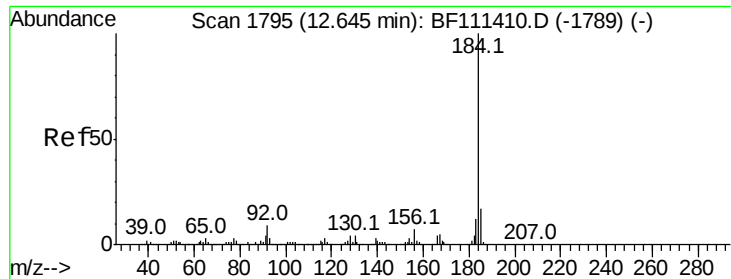


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.496 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tot Ion:184 Resp: 269728

Ion Ratio Lower Upper

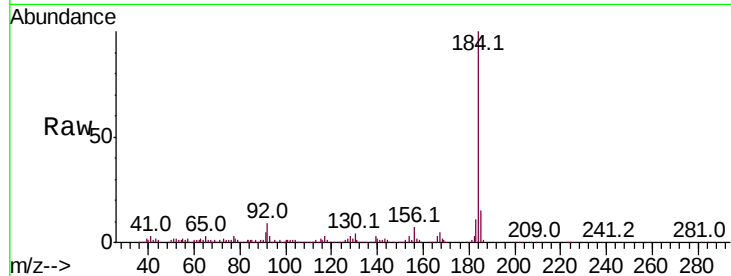
184 100

185 14.6 13.0 19.6

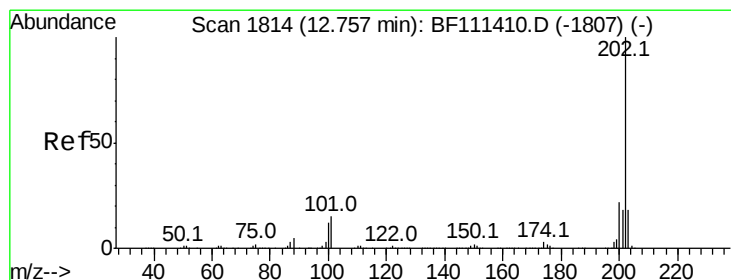
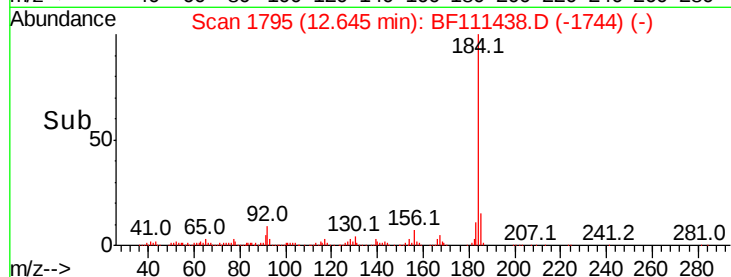
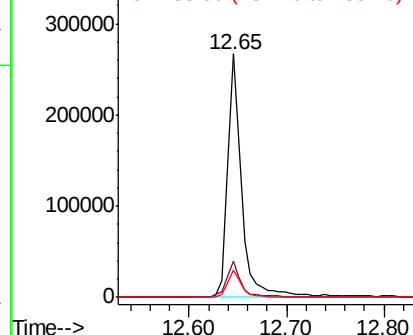
183 11.4 9.3 13.9

Manual Integrations
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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: 44.009 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

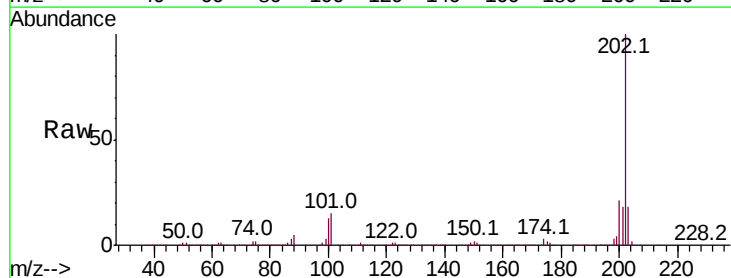
Tgt Ion:202 Resp: 1230881

Ion Ratio Lower Upper

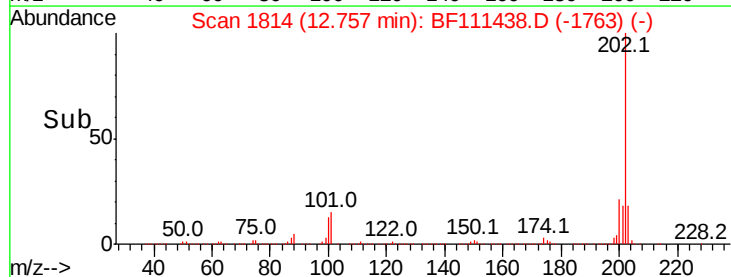
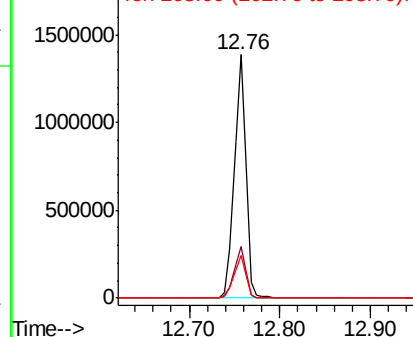
202 100

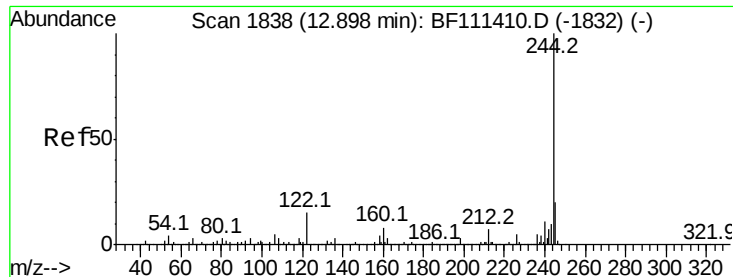
200 21.0 19.0 28.4

203 17.6 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





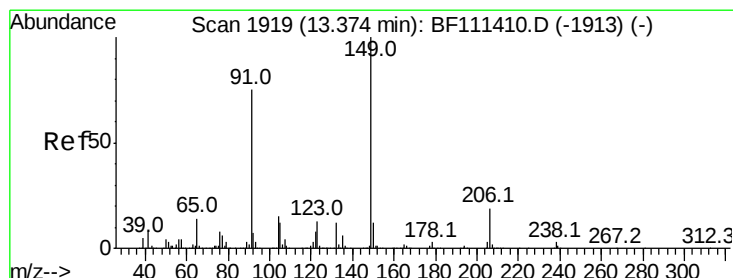
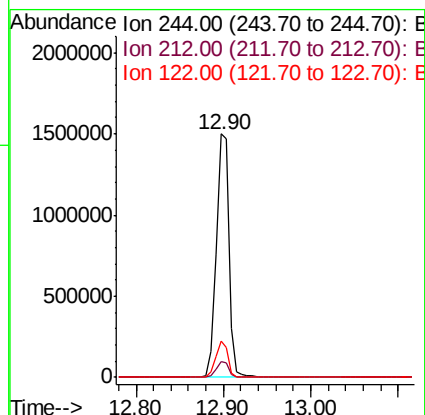
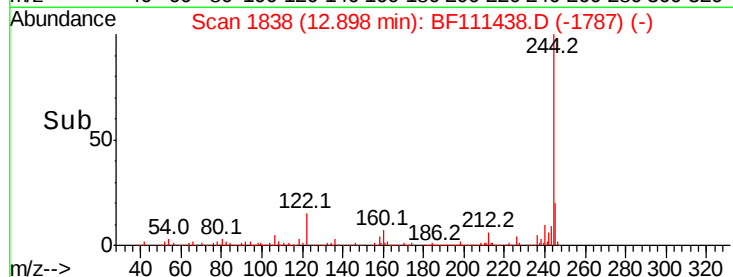
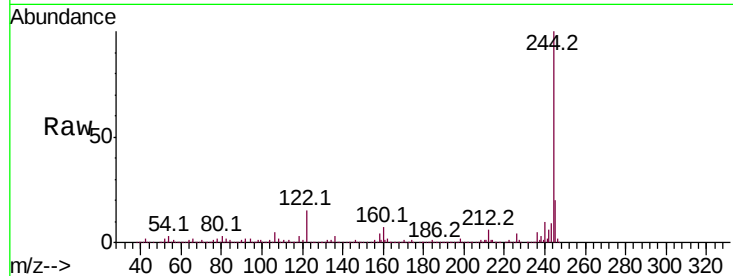
#79
Terphenyl-d14
Concen: 90.076 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	14.9	13.1	19.7

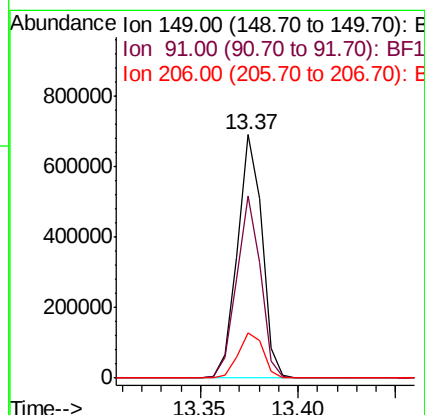
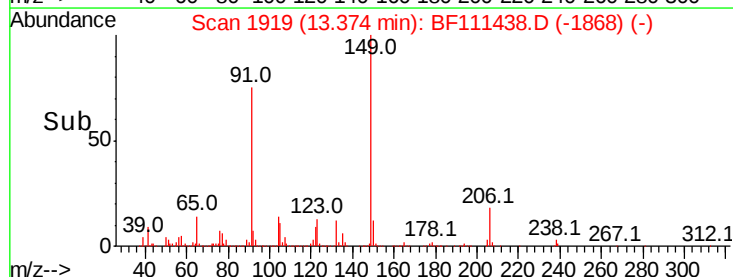
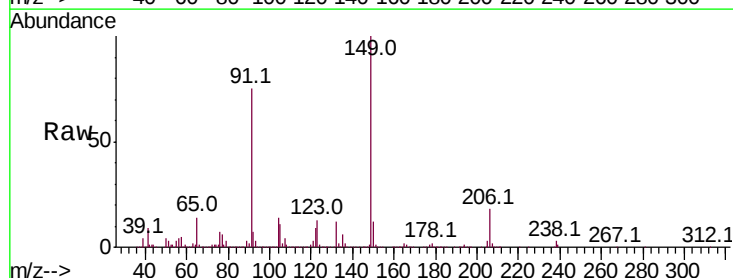
Manual Integrations
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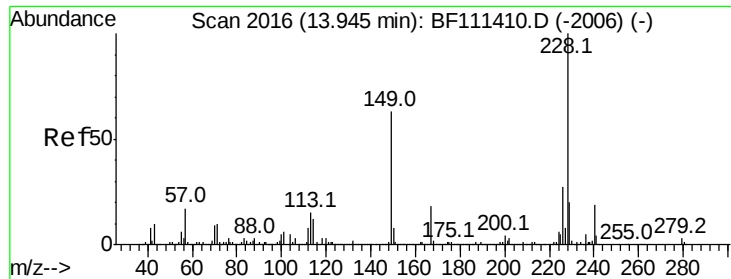
Sohil
12/17/2018 2:37:06 PM



#80
Butylbenzylphthalate
Concen: 44.416 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.9	63.8	95.6
206	18.4	15.1	22.7





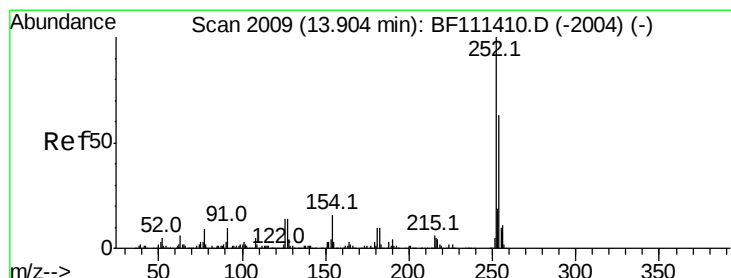
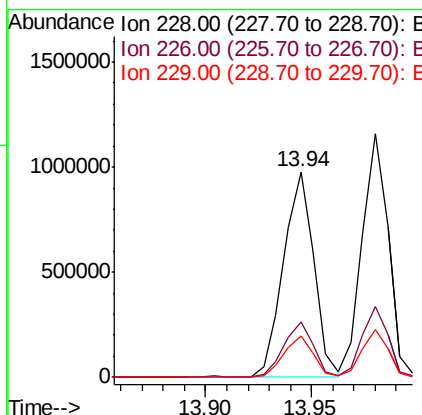
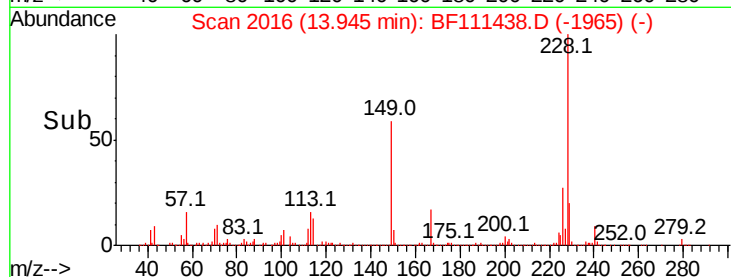
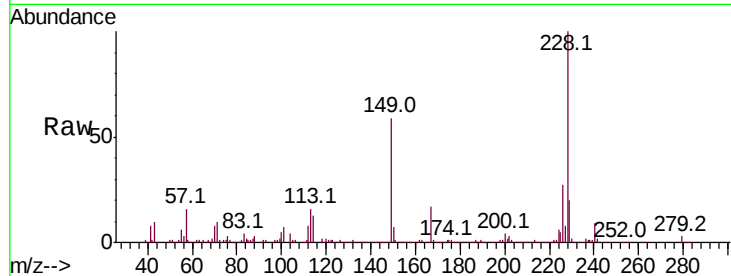
#81
Benzo(a)anthracene
Concen: 45.744 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	20.0	16.3	24.5

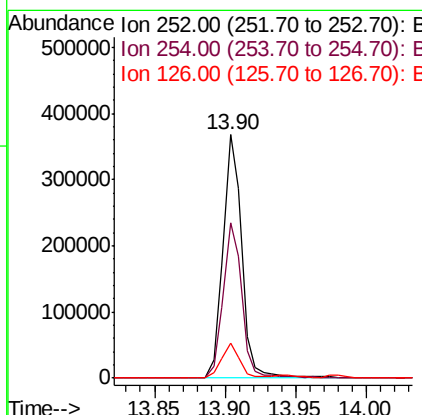
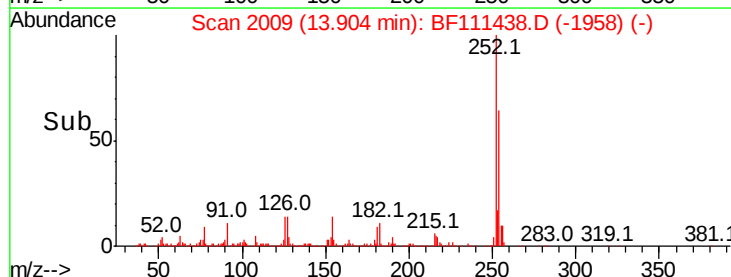
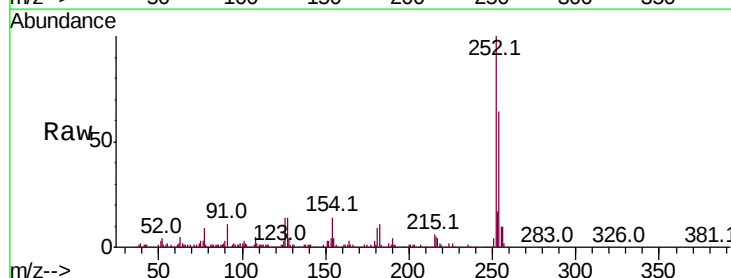
Manual Integrations
APPROVED

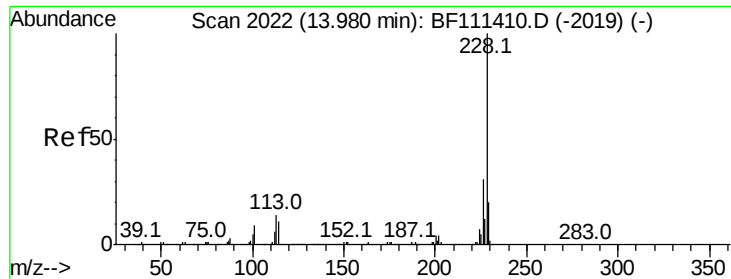
Sohil
12/17/2018 2:37:06 PM



#82
3,3'-Dichlorobenzidine
Concen: 39.002 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.7	79.1
126	14.3	11.1	16.7





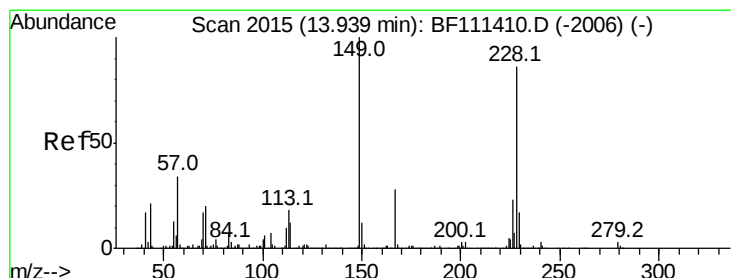
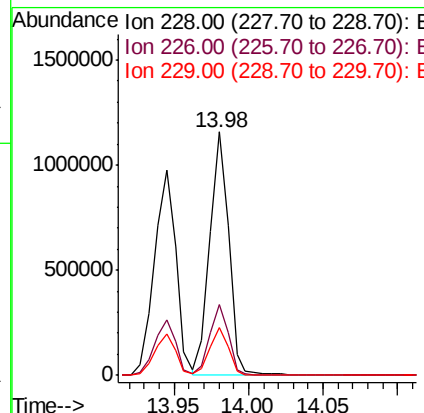
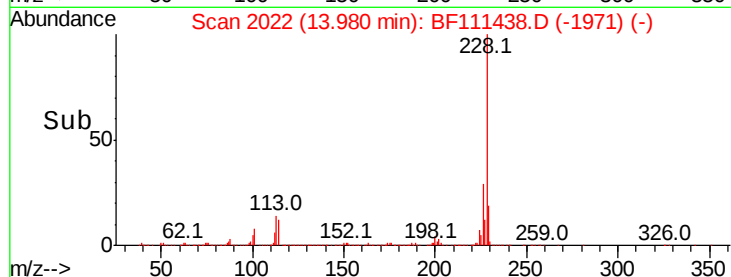
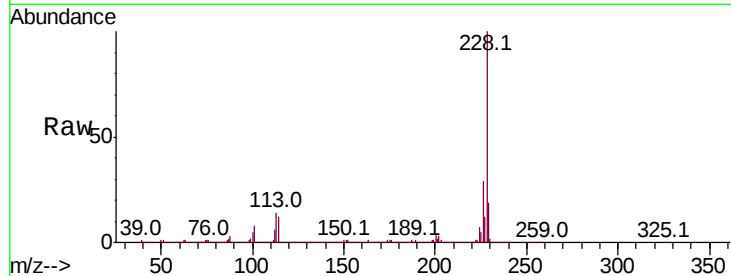
#83
Chrysene
Concen: 44.640 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion:228 Resp: 1014368
Ion Ratio Lower Upper
228 100
226 28.9 25.3 37.9
229 19.5 17.2 25.8

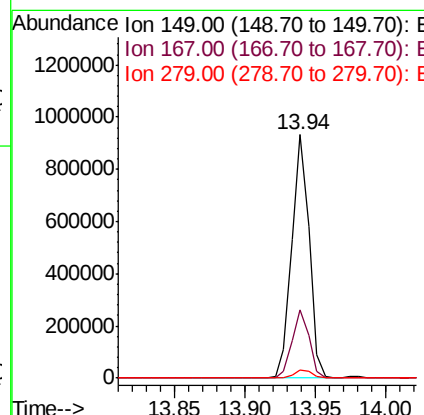
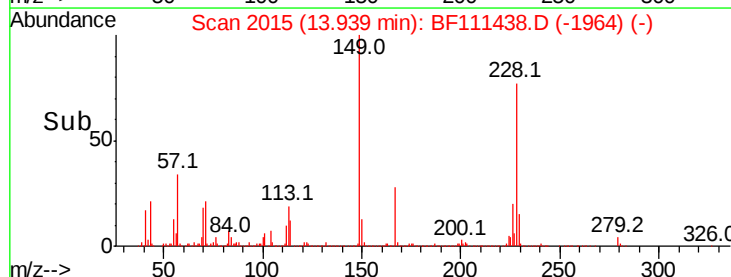
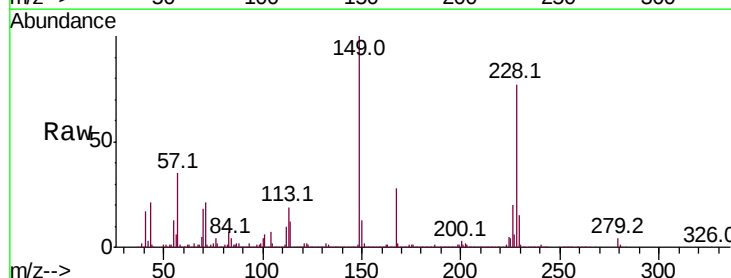
Manual Integrations
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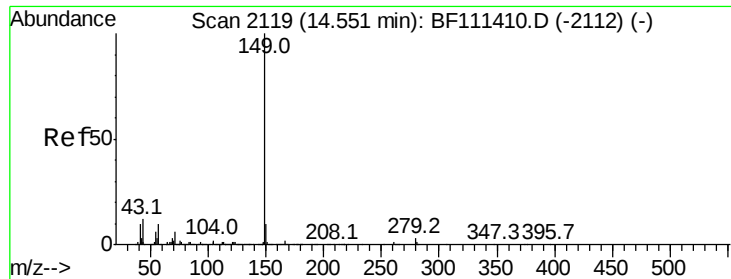
Sohil
12/17/2018 2:37:06 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.802 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:149 Resp: 797532
Ion Ratio Lower Upper
149 100
167 27.8 22.5 33.7
279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 50.318 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tot Ion:149 Resp: 1477878

Ion Ratio Lower Upper

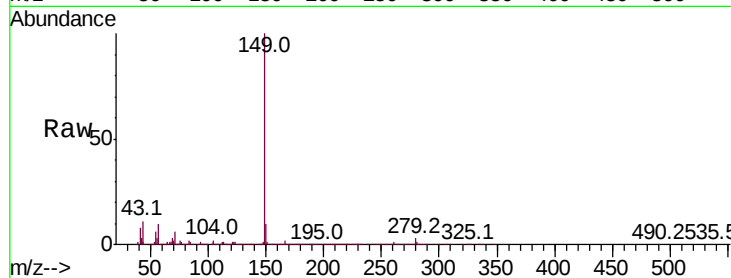
149 100

167 1.4 1.3 1.9

43 12.1 10.9 16.3

Manual Integrations
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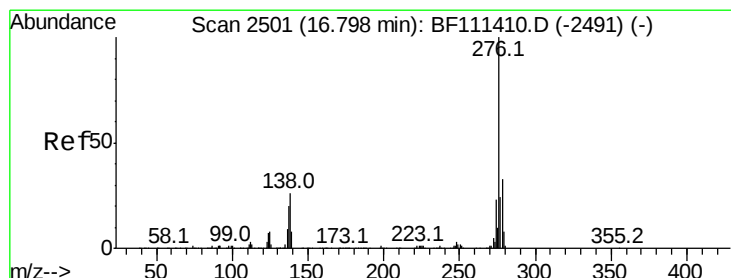
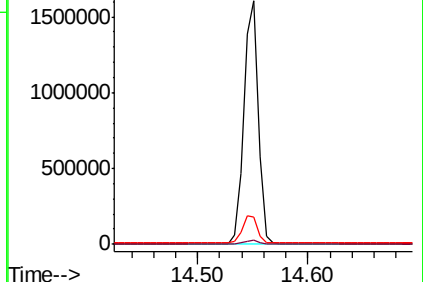
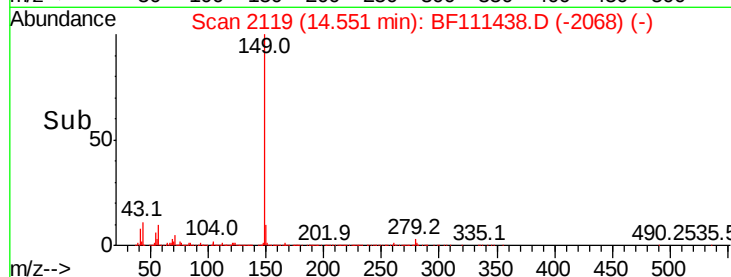
Sohil
12/17/2018 2:37:06 PM



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: 41.732 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

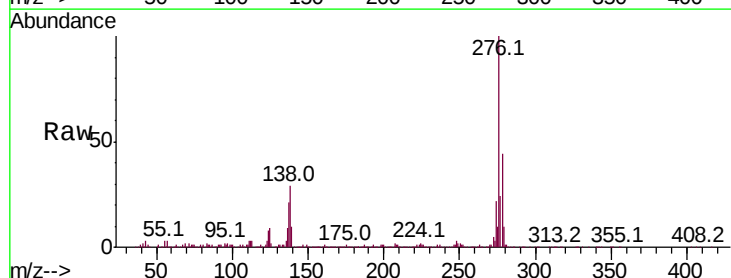
Tgt Ion:276 Resp: 684393

Ion Ratio Lower Upper

276 100

138 32.9 27.8 41.6

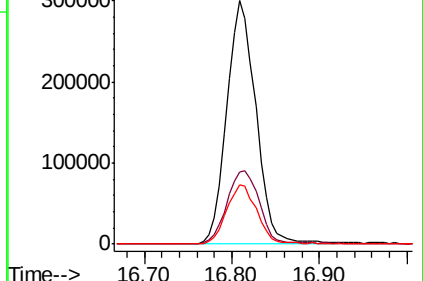
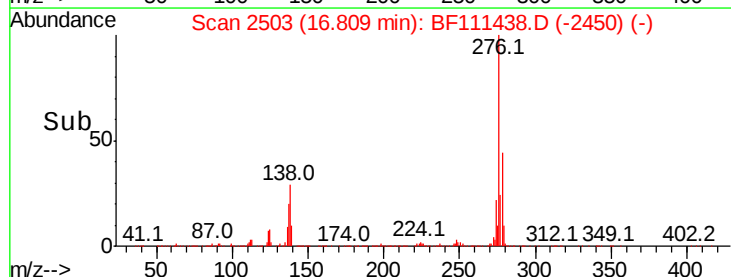
277 25.2 20.1 30.1

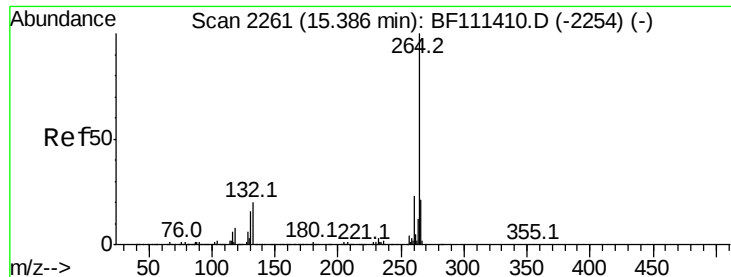


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





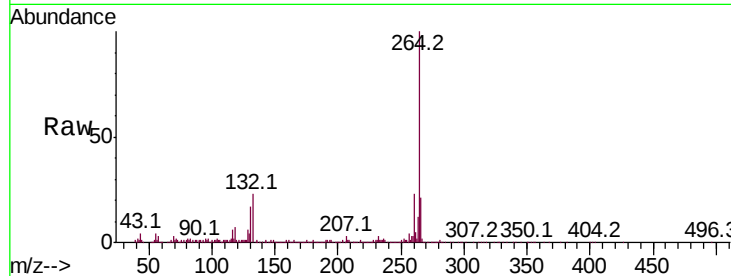
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	20.6	17.7	26.5

Manual Integrations
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Sohil
12/17/2018 2:37:06 PM

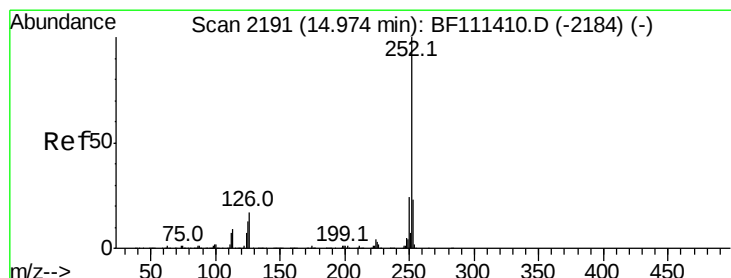
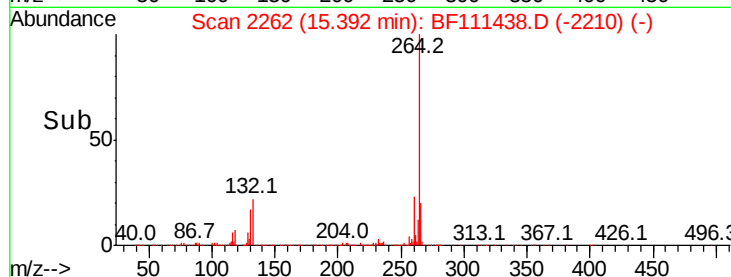
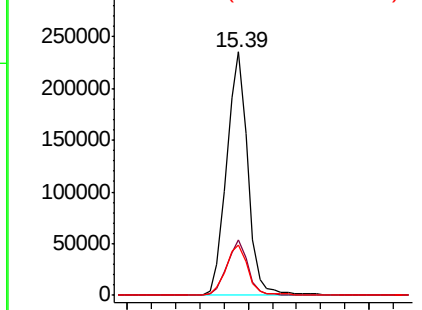


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 48.759 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

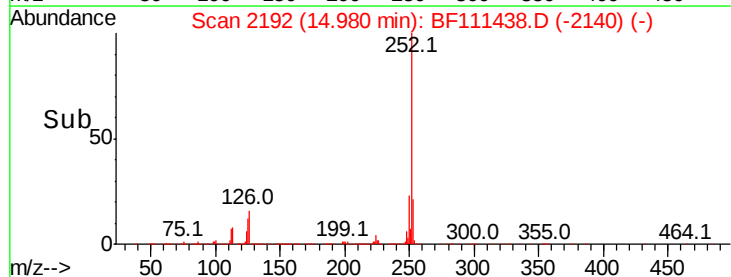
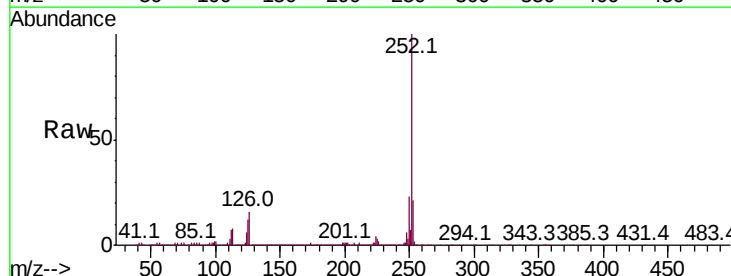
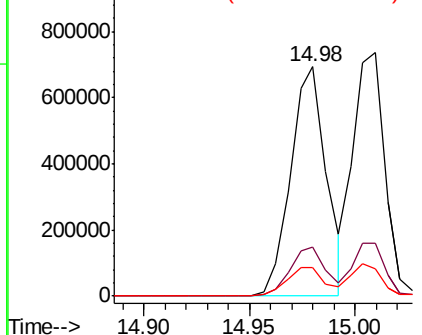
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	12.2	10.4	15.6

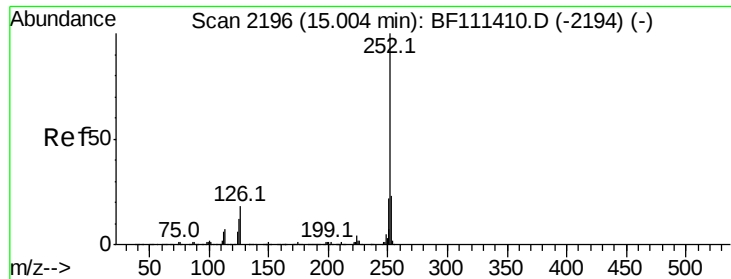
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





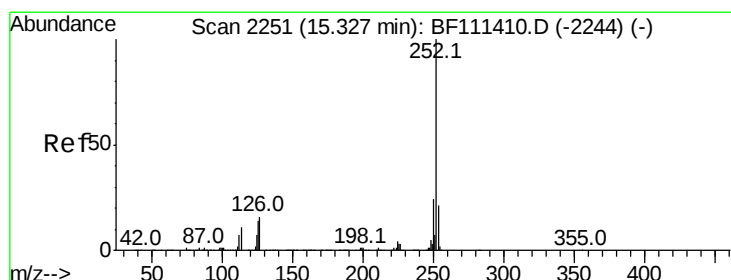
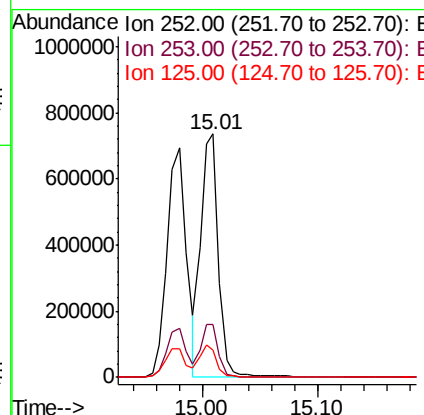
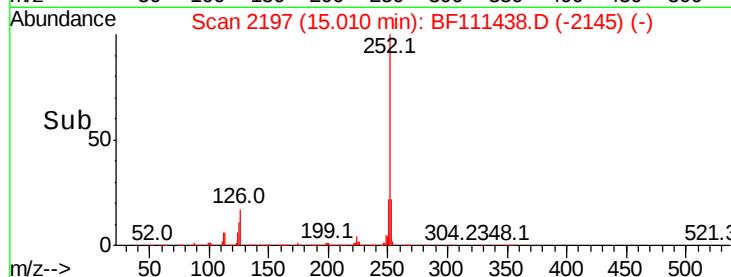
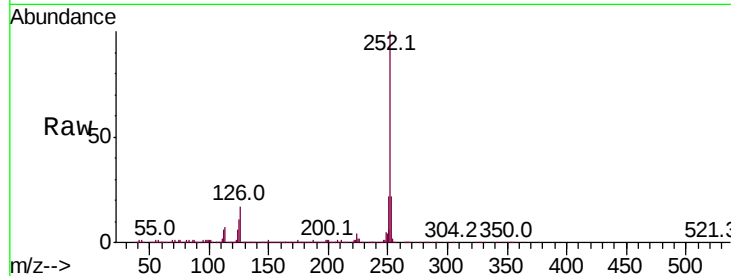
#89
Benzo(k)fluoranthene
Concen: 49.315 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.3	9.8	14.8

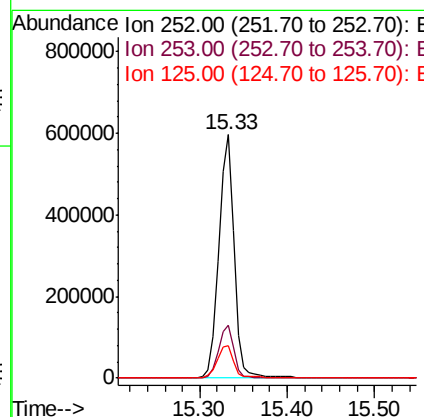
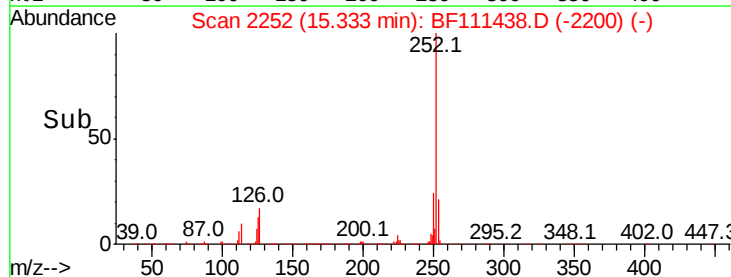
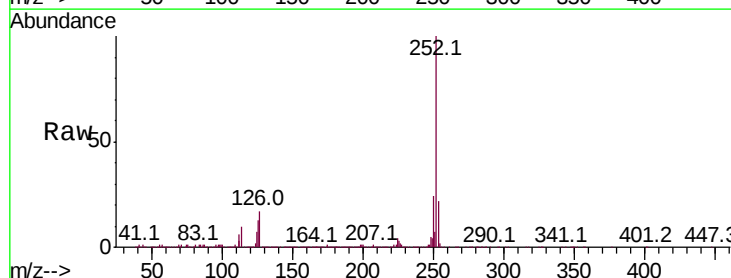
Manual Integrations
APPROVED

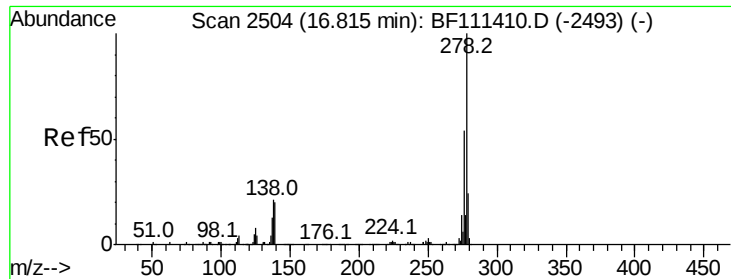
Sohil
12/17/2018 2:37:06 PM



#90
Benzo(a)pyrene
Concen: 48.179 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	13.1	12.3	18.5





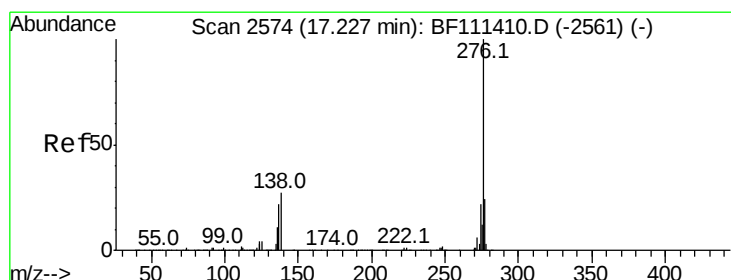
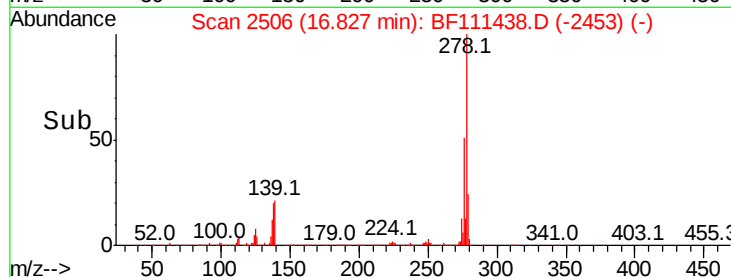
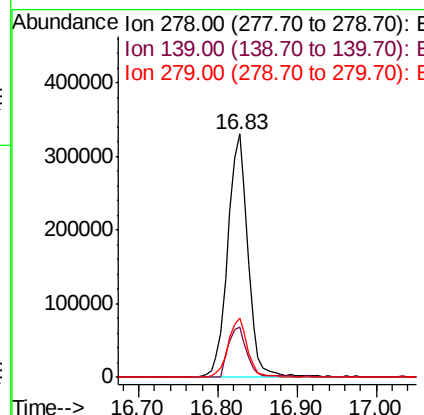
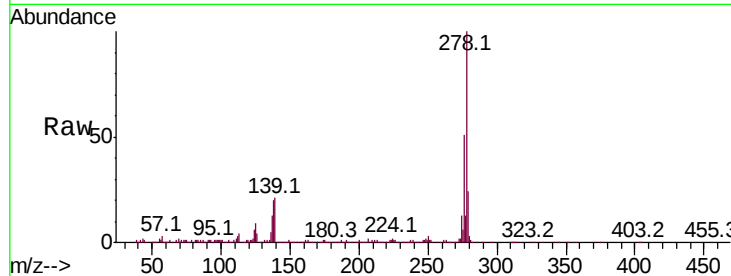
#91
Dibenzo(a,h)anthracene
Concen: 49.069 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.8	18.2	27.4
279	24.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/17/2018 2:37:06 PM



#92
Benzo(g,h,i)perylene
Concen: 49.109 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	26.8	24.9	37.3

