

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
 Data File : BF111513.D
 Acq On : 16 Dec 2018 17:24
 Operator : JU/SJ
 Sample : J6391-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Manual Integrations
 APPROVED

Sohil
 12/17/2018 11:19:48 AM

Quant Time: Dec 17 07:23:08 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	142957	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	572312	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	235921	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	326074	20.00	ng	0.00
76) Chrysene-d12	13.95	240	397032	20.00	ng	0.00
87) Perylene-d12	15.39	264	287152	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1127749	131.27	ng	0.00
7) Phenol-d6	6.44	99	1362687	119.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	735072	76.48	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	168432	79.70	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1151633	75.40	ng	0.00
79) Terphenyl-d14	12.90	244	958618	56.70	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	129258	31.153	ng	99
3) Pyridine	3.28	79	175396	16.831	ng	95
4) n-Nitrosodimethylamine	3.19	42	182309	38.515	ng	87
6) Aniline	6.45	93	88567	6.248	ng	# 1
8) 2-Chlorophenol	6.58	128	405690	39.523	ng	95
9) Benzaldehyde	6.33	77	119969	17.309	ng	97
10) Phenol	6.45	94	541899	42.569	ng	97
11) bis(2-Chloroethyl)ether	6.52	93	360997	36.176	ng	99
12) 1,3-Dichlorobenzene	6.73	146	353121	31.252	ng	97
13) 1,4-Dichlorobenzene	6.81	146	358966	31.299	ng	99
14) 1,2-Dichlorobenzene	6.96	146	341738	31.673	ng	97
15) Benzyl Alcohol	6.93	79	276764	31.830	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	613389	31.481	ng	98
17) 2-Methylphenol	7.06	107	255945	30.982	ng	# 94
18) Hexachloroethane	7.30	117	122353	28.666	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	224512	29.779	ng	93
20) 3+4-Methylphenols	7.20	107	330538	31.898	ng	# 79
22) Acetophenone	7.20	105	464959	36.394	ng	# 89
24) Nitrobenzene	7.37	77	331109	33.773	ng	99
25) Isophorone	7.61	82	594792	36.576	ng	100
26) 2-Nitrophenol	7.69	139	155643	30.612	ng	97
27) 2,4-Dimethylphenol	7.73	122	280241	38.020	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	386749	34.451	ng	99
29) 2,4-Dichlorophenol	7.93	162	257487	32.724	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	277859	33.733	ng	100
31) Naphthalene	8.09	128	939146	35.084	ng	98
32) Benzoic acid	7.83	122	113532	17.824	ng	98
33) 4-Chloroaniline	8.15	127	67312	5.655	ng	# 95
34) Hexachlorobutadiene	8.22	225	149969	33.047	ng	97
35) Caprolactam	8.50	113	63381	21.695	ng	99
36) 4-Chloro-3-methylphenol	8.63	107	259233	29.931	ng	96
37) 2-Methylnaphthalene	8.79	142	630636	34.816	ng	98
38) 1-Methylnaphthalene	8.89	142	579381	33.109	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	248147	38.354	ng	98

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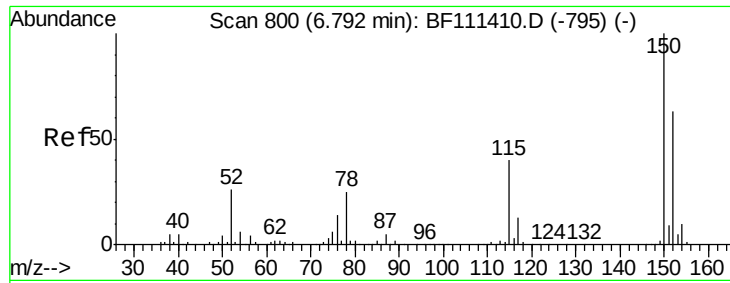
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	59352	17.868	nq	97
43) 2,4,6-Trichlorophenol	9.07	196	148745	32.483	nq	96
44) 2,4,5-Trichlorophenol	9.11	196	155526	31.917	nq	94
46) 1,1'-Biphenyl	9.25	154	708241	35.430	nq	93
47) 2-Chloronaphthalene	9.27	162	536957	35.338	nq	93
48) 2-Nitroaniline	9.37	65	161338	32.702	nq	90
49) Acenaphthylene	9.69	152	790164	35.034	nq	95
50) Dimethylphthalate	9.55	163	666080	39.203	nq	98
51) 2,6-Dinitrotoluene	9.61	165	125561	32.831	nq	93
52) Acenaphthene	9.86	154	452910	31.771	nq	98
53) 3-Nitroaniline	9.77	138	70987	15.282	nq	90
54) 2,4-Dinitrophenol	9.88	184	4272	2.936	nq	# 65
55) Dibenzofuran	10.03	168	679530	32.840	nq	94
56) 4-Nitrophenol	9.95	139	161158	50.131	nq	98
57) 2,4-Dinitrotoluene	10.01	165	144214	28.730	nq	97
58) Fluorene	10.37	166	508611	33.888	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	103340	27.144	nq	98
60) Diethylphthalate	10.25	149	551563	32.048	nq	97
61) 4-Chlorophenyl-phenylether	10.36	204	230457	31.384	nq	95
62) 4-Nitroaniline	10.38	138	84278	18.327	nq	99
63) Azobenzene	10.52	77	490258	28.895	nq	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	5206	2.828	nq	# 63
66) n-Nitrosodiphenylamine	10.48	169	426699	37.947	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	126193	35.907	nq	95
68) Hexachlorobenzene	10.93	284	141785	39.220	nq	97
69) Atrazine	11.01	200	118772	36.549	nq	98
70) Pentachlorophenol	11.12	266	127049	57.298	nq	96
71) Phenanthrene	11.33	178	622372	37.042	nq	94
72) Anthracene	11.39	178	630542	36.695	nq	94
73) Carbazole	11.54	167	570255	32.093	nq	95
74) Di-n-butylphthalate	11.87	149	724684	36.620	nq	95
75) Fluoranthene	12.52	202	855728	52.060	nq	99
77) Benzidine	12.66	184	8659m	0.593	nq	
78) Pyrene	12.75	202	882966	31.543	nq	96
80) Butylbenzylphthalate	13.37	149	378240	27.722	nq	99
81) Benzo(a)anthracene	13.95	228	764009	35.390	nq	98
82) 3,3'-Dichlorobenzidine	13.90	252	16117	1.836	nq	# 93
83) Chrysene	13.98	228	669798	29.452	nq	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	582929	33.450	nq	99
85) Di-n-octyl phthalate	14.54	149	1050824	35.748	nq	95
86) Indeno(1,2,3-cd)pyrene	16.81	276	491391	29.938	nq	97
88) Benzo(b)fluoranthene	14.97	252	639337m	38.189	nq	
89) Benzo(k)fluoranthene	15.00	252	560046	35.010	nq	# 96
90) Benzo(a)pyrene	15.33	252	520896	34.504	nq	99
91) Dibenzo(a,h)anthracene	16.83	278	415960	34.929	nq	96
92) Benzo(g,h,i)perylene	17.23	276	394471	33.746	nq	96

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



#1

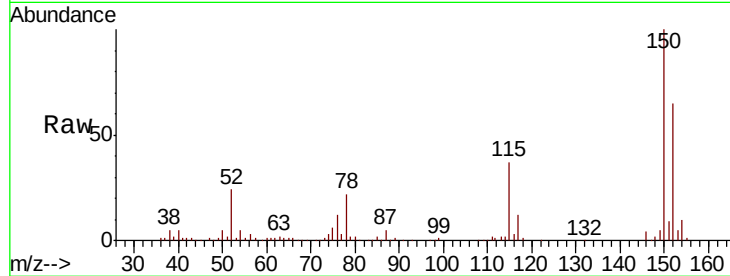
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.6	189.8
115	56.9	50.7	76.1

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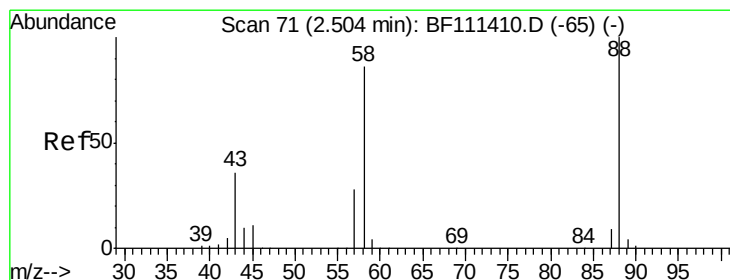
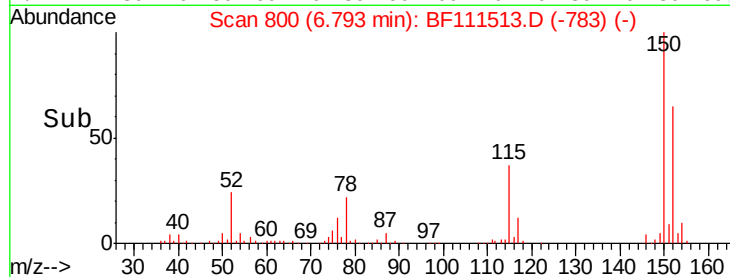
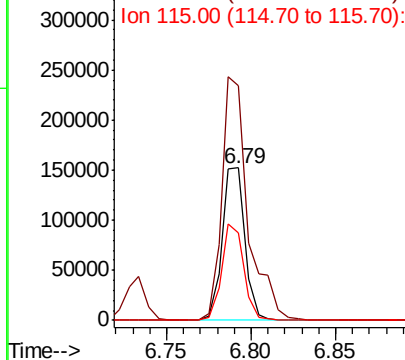


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

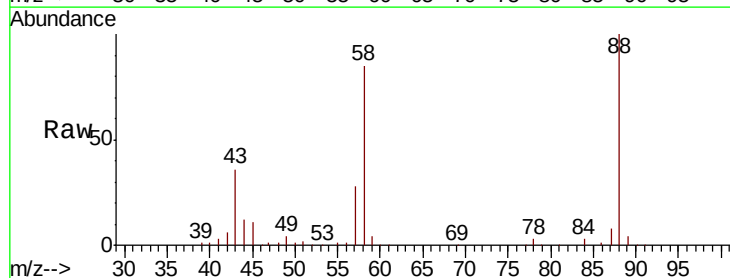
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.153 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.02 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.4	68.9	103.3
43	33.6	25.8	38.6

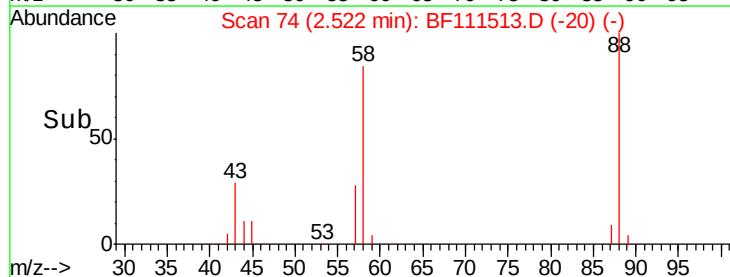
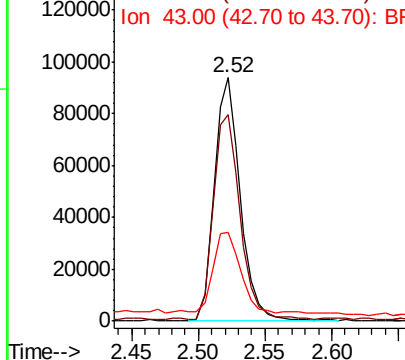


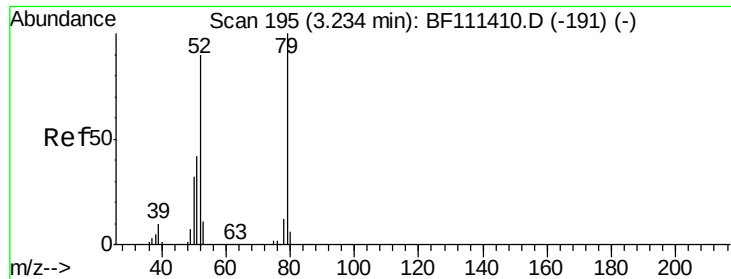
Abundance

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: 16.831 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.04 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

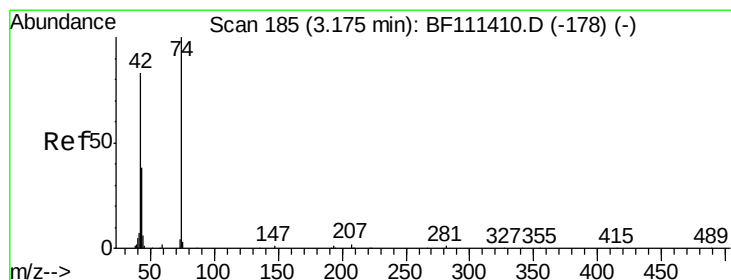
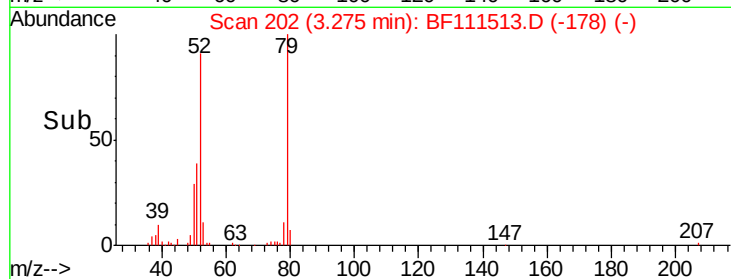
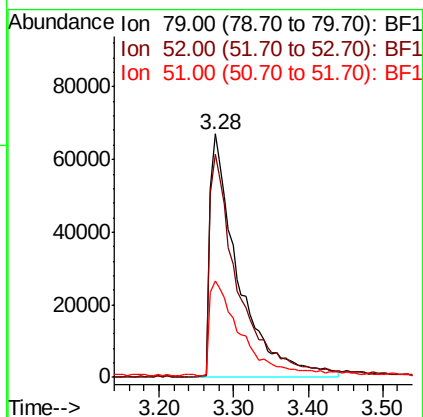
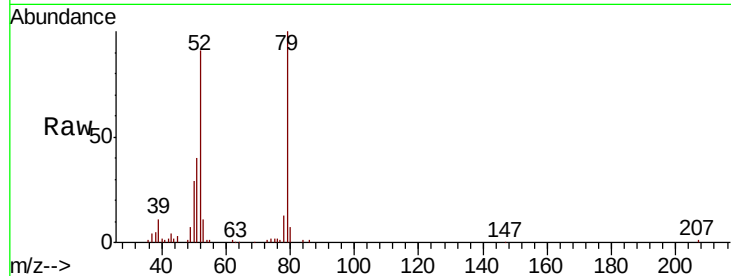
ClientSampleId :

P001-SS015-0612-01MS

Tot Ion:	79	Resp:	175396
Ion	Ratio	Lower	Upper
79	100		
52	91.5	68.3	102.5
51	39.6	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 38.515 ng

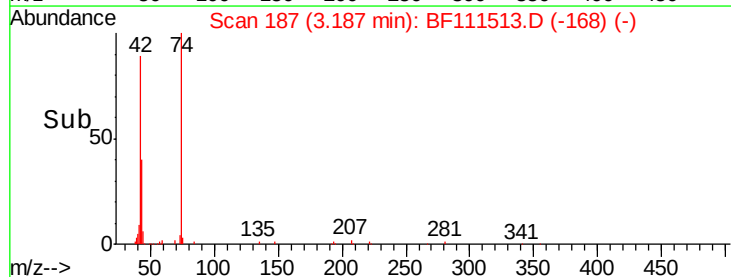
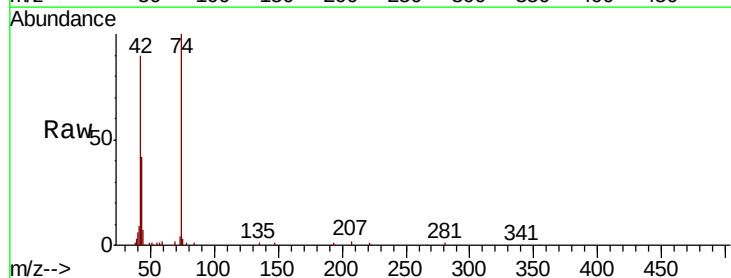
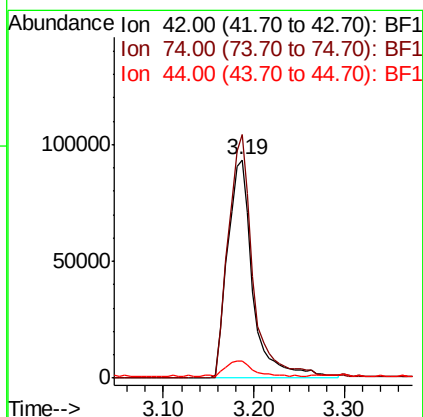
RT: 3.19 min Scan# 187

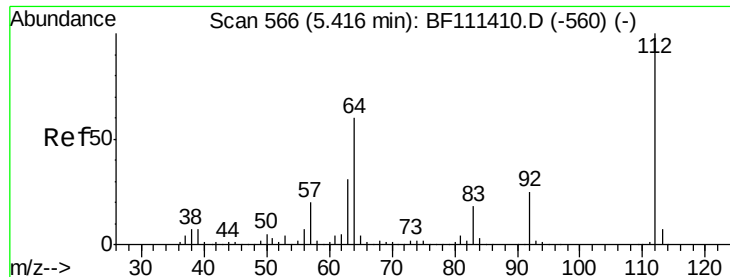
Delta R.T. 0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Tgt Ion:	42	Resp:	182309
Ion	Ratio	Lower	Upper
42	100		
74	111.5	101.5	152.3
44	8.0	6.0	9.0





#5

2-Fluorophenol

Concen: 131.273 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

Tot Ion: 112 Resp: 1127749

Ion Ratio Lower Upper

112 100

64 57.2 51.8 77.6

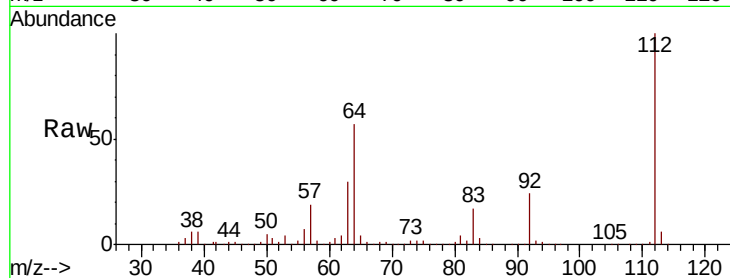
63 29.6 26.8 40.2

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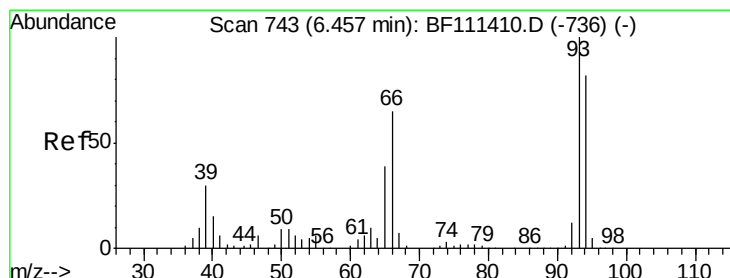
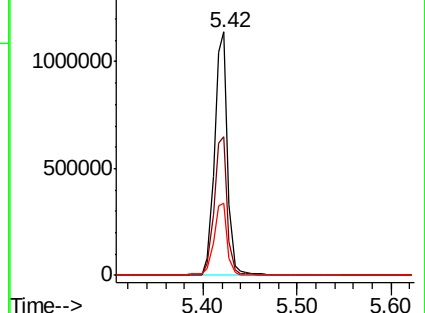
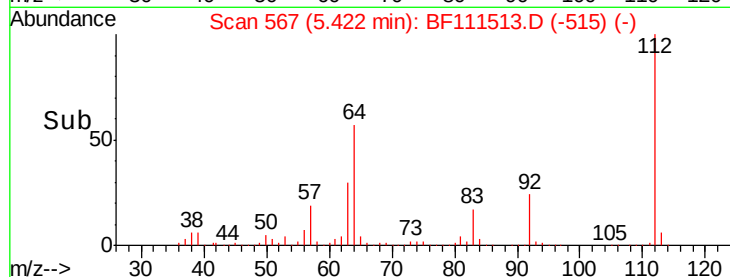
12/17/2018 11:19:48 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.248 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

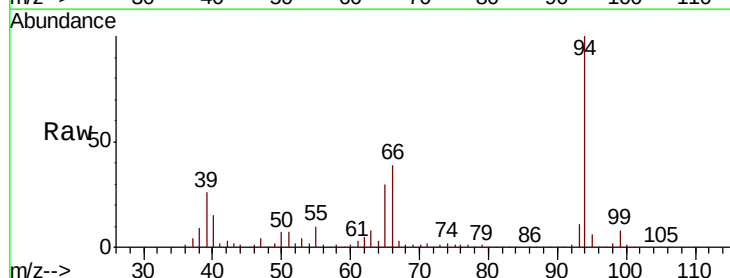
Tgt Ion: 93 Resp: 88567

Ion Ratio Lower Upper

93 100

66 359.5 33.2 49.8#

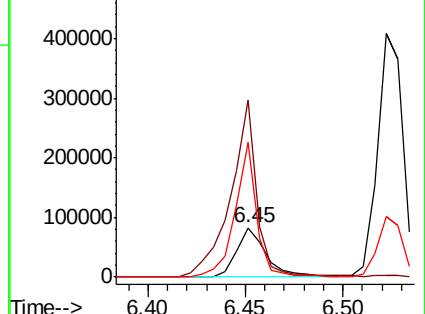
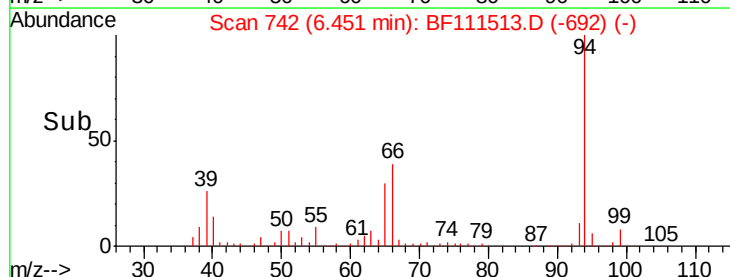
65 273.8 17.0 25.4#

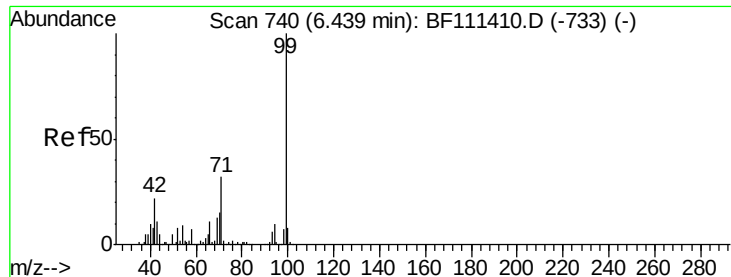


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.248 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

Tot Ion: 99 Resp: 1362687

Ion Ratio Lower Upper

99 100

42 21.0 17.4 26.0

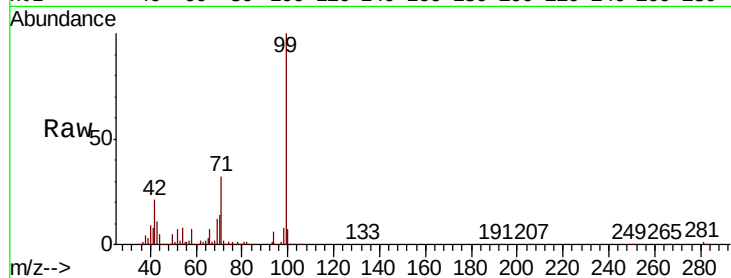
71 31.9 26.1 39.1

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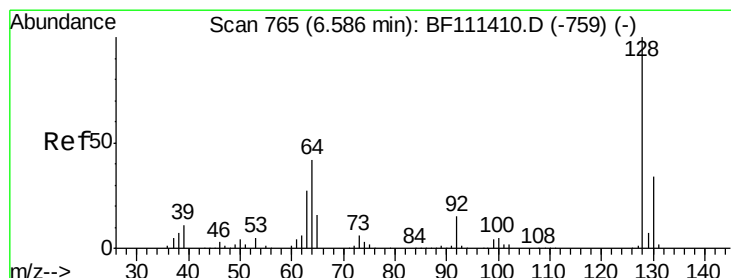
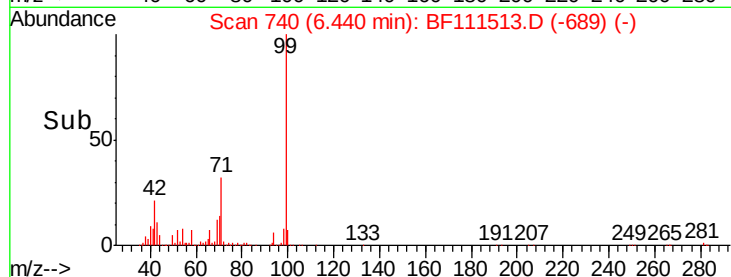
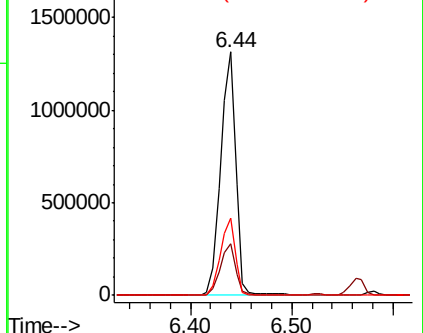
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.523 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

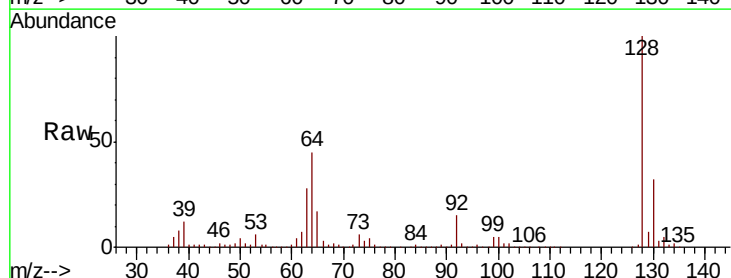
Tgt Ion: 128 Resp: 405690

Ion Ratio Lower Upper

128 100

130 31.8 12.7 52.7

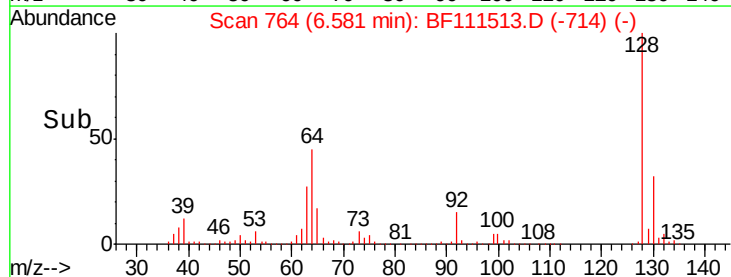
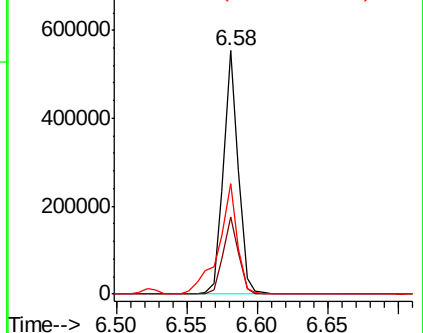
64 45.4 30.0 70.0

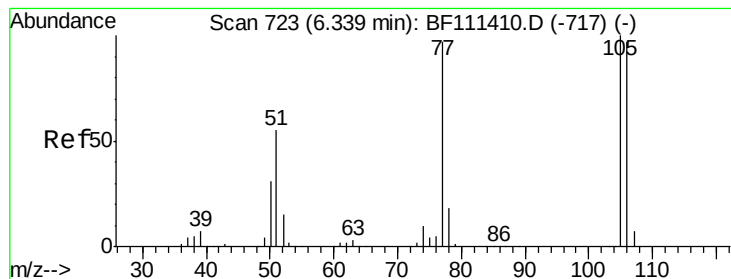


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.309 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

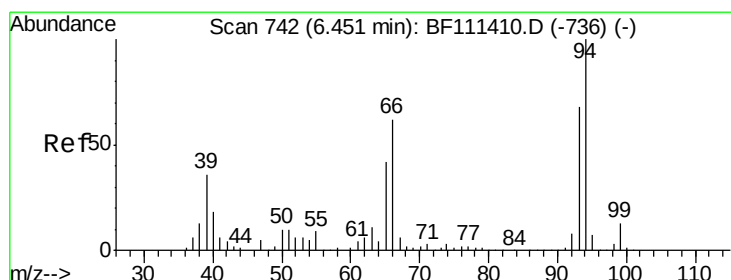
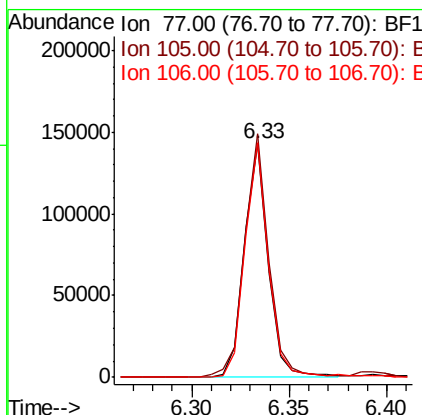
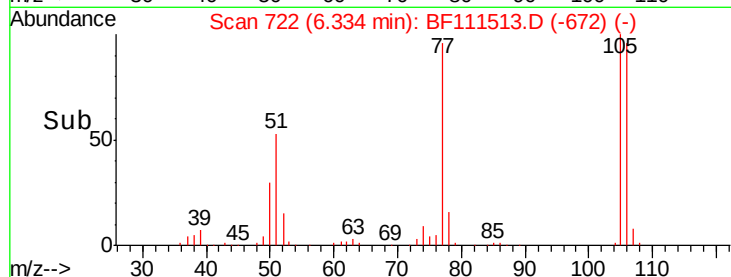
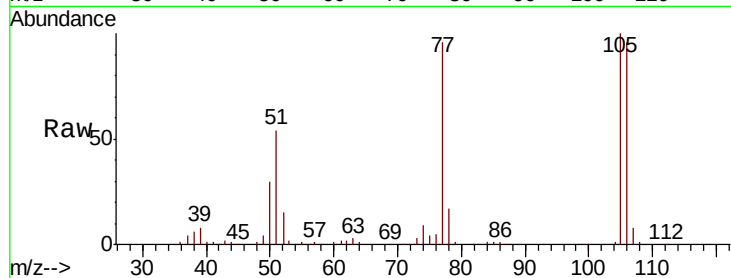
ClientSampleId :

P001-SS015-0612-01MS

Tot Ion:	77	Resp:	119969
Ion	Ratio	Lower	Upper
77	100		
105	104.1	81.4	121.4
106	100.3	77.9	117.9

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#10

Phenol

Concen: 42.569 ng

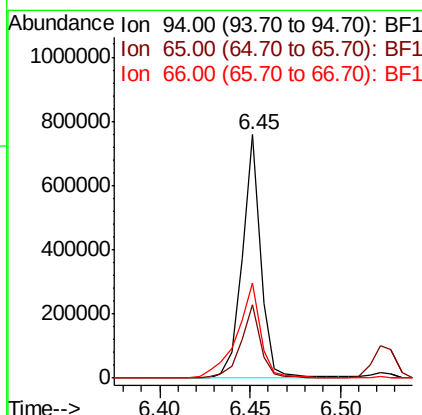
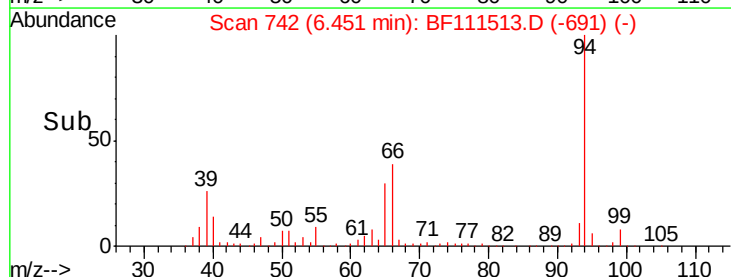
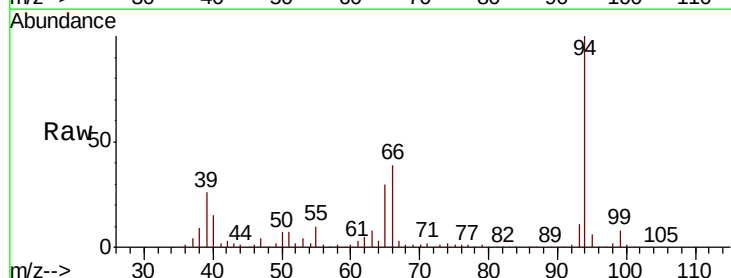
RT: 6.45 min Scan# 742

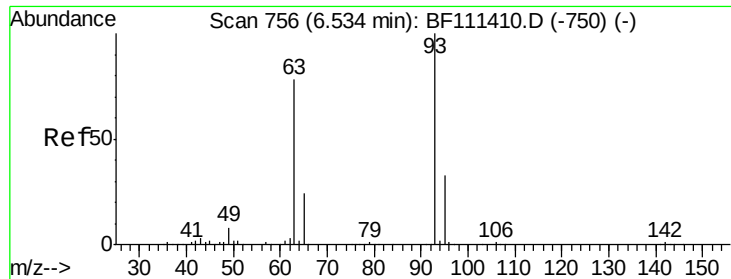
Delta R.T. 0.00 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Tgt Ion:	94	Resp:	541899
Ion	Ratio	Lower	Upper
94	100		
65	29.9	11.7	51.7
66	39.2	21.0	61.0





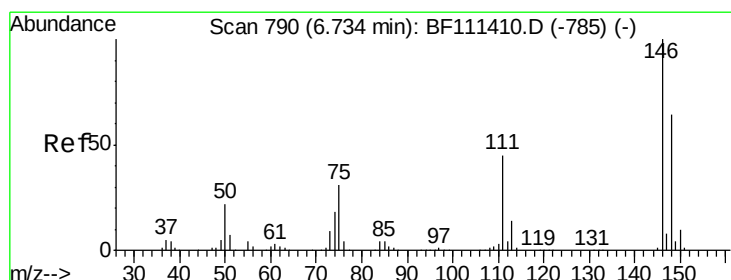
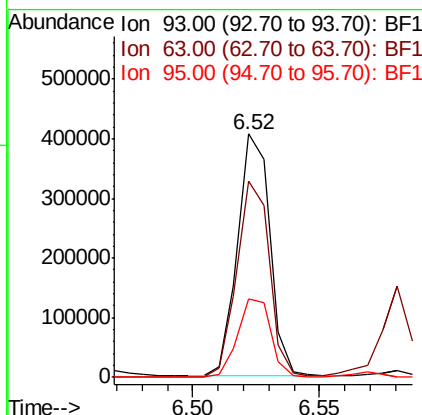
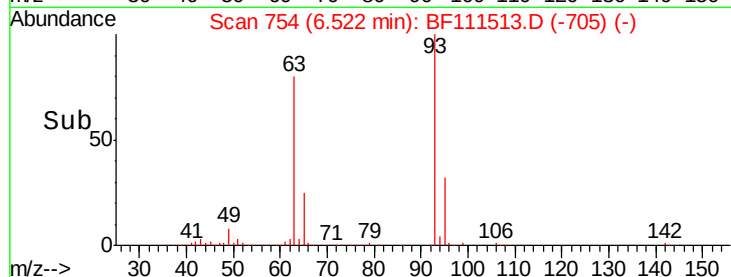
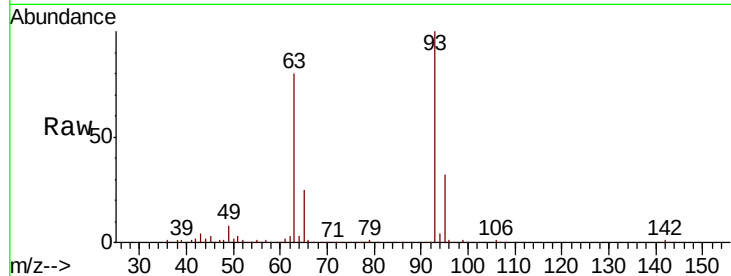
#11
bis(2-Chloroethyl)ether
Concen: 36.176 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.4	60.0	100.0
95	32.1	13.4	53.4

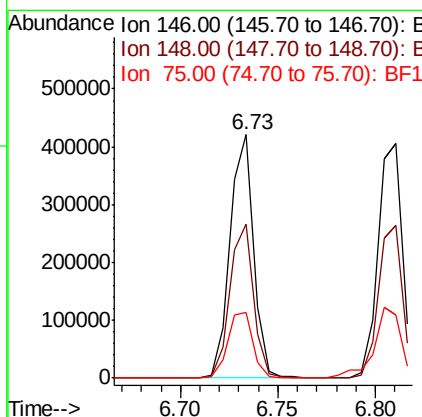
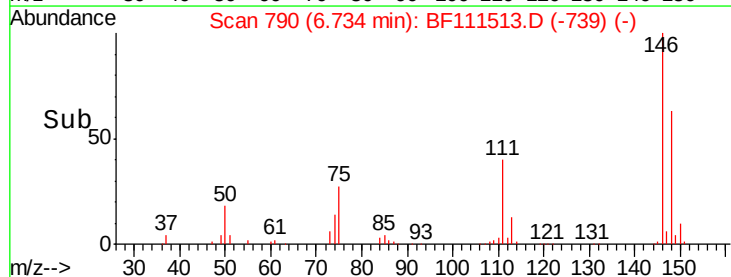
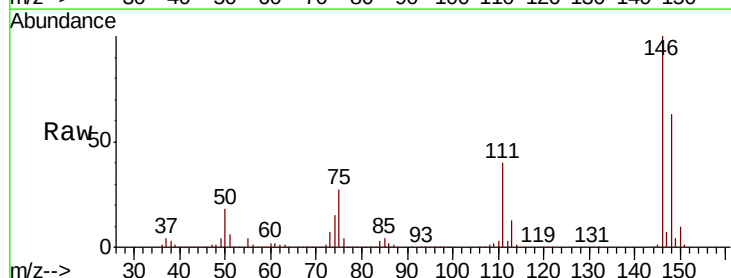
Manual Integrations
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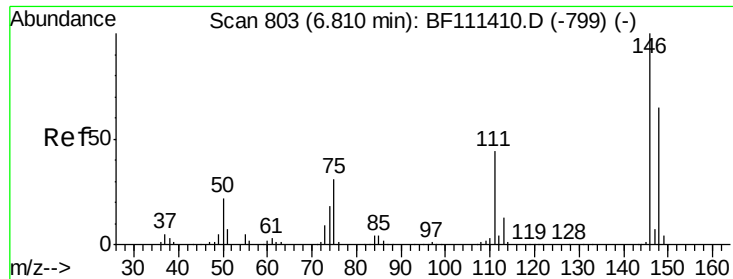
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#12
1,3-Dichlorobenzene
Concen: 31.252 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.1	78.1
75	27.0	23.9	35.9





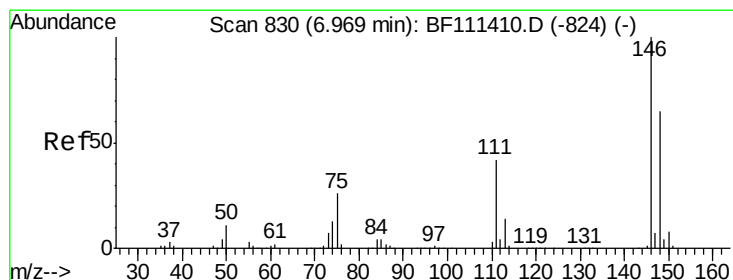
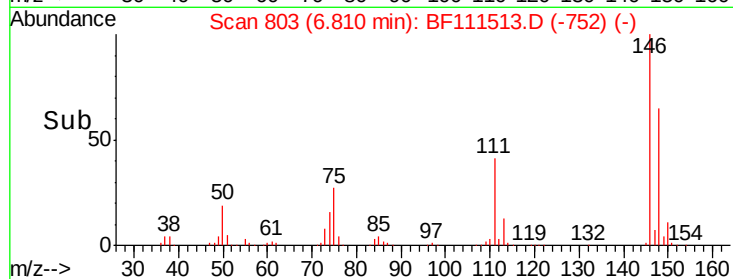
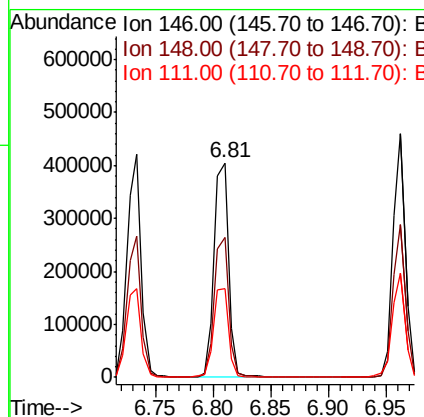
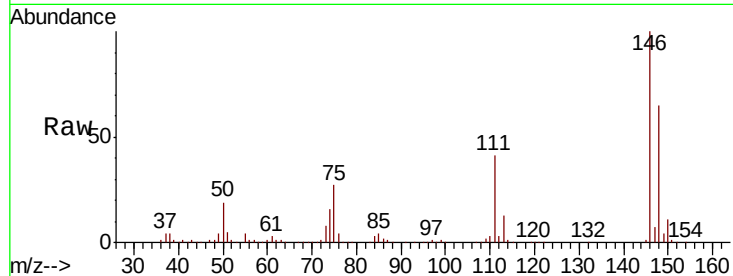
#13
1,4-Dichlorobenzene
Concen: 31.299 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.8	79.2
111	41.2	33.4	50.0

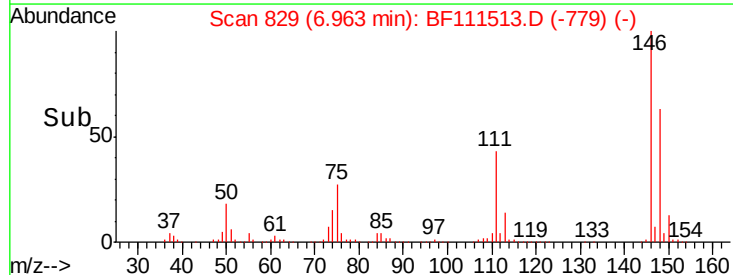
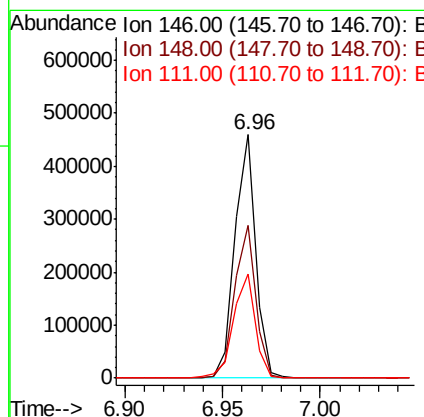
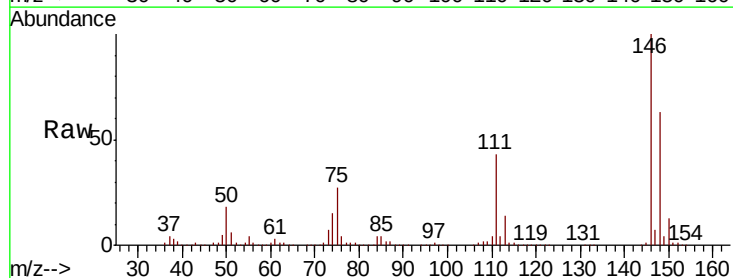
Manual Integrations
APPROVED

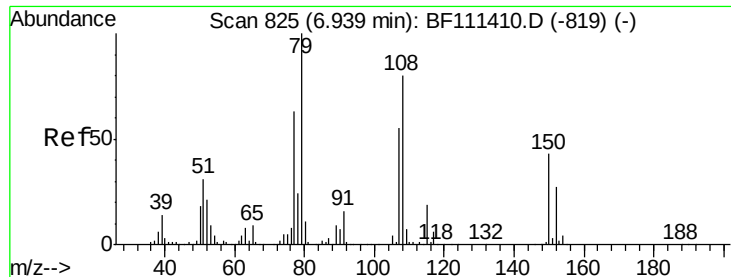
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#14
1,2-Dichlorobenzene
Concen: 31.673 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
111	42.6	36.2	54.4





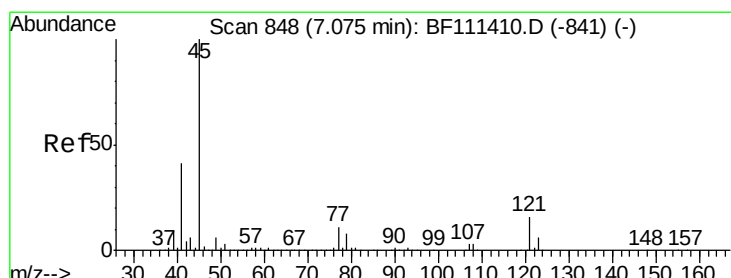
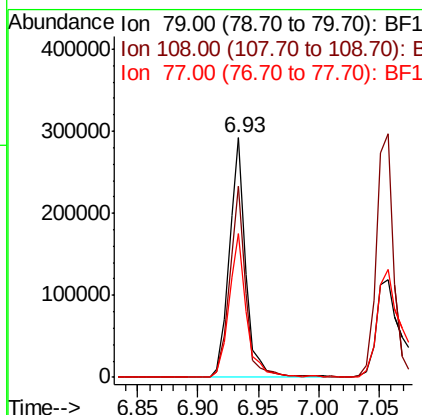
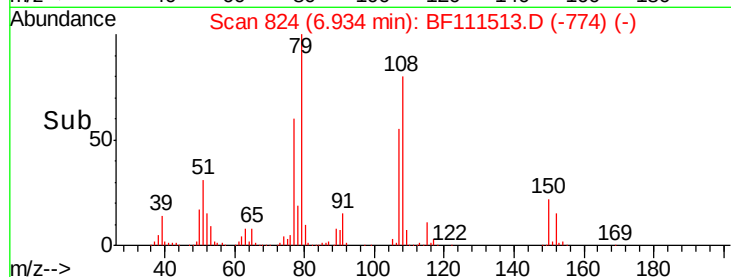
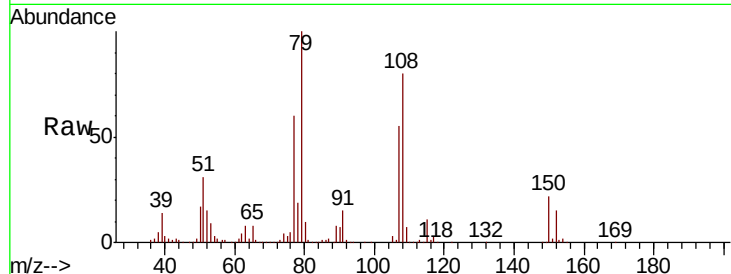
#15
Benzyl Alcohol
Concen: 31.830 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.9	69.4	104.2
77	59.9	49.7	74.5

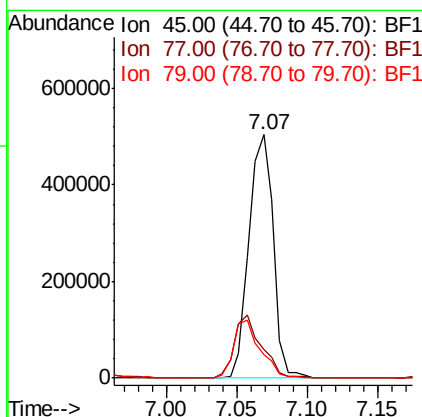
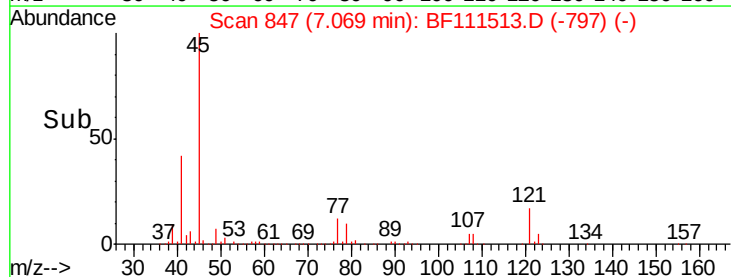
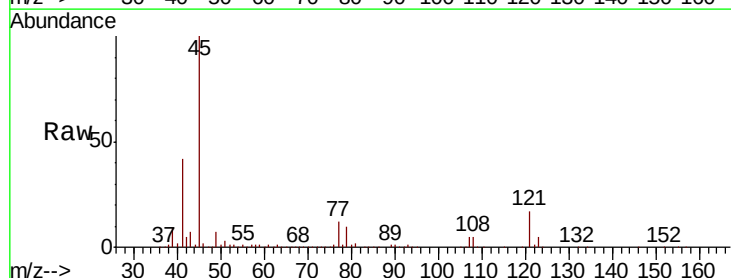
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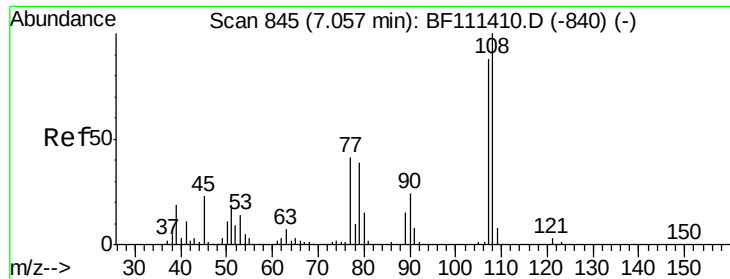
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#16
2,2'-oxybis(1-chloropropane)
Concen: 31.481 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.5
79	9.7	0.0	28.9





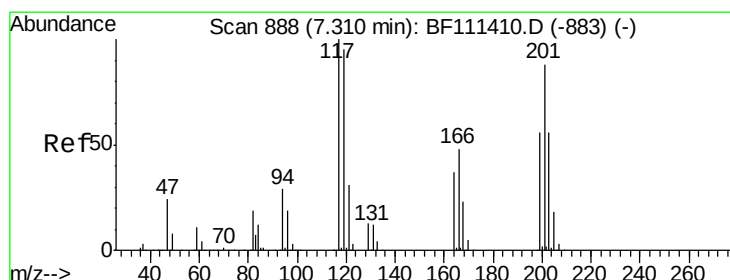
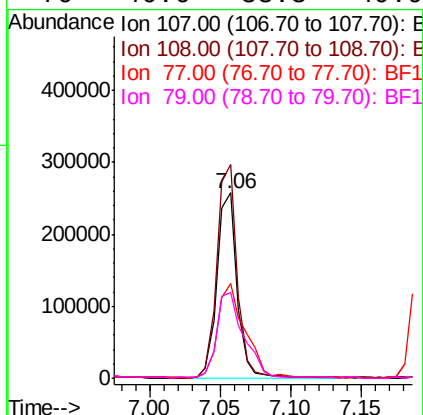
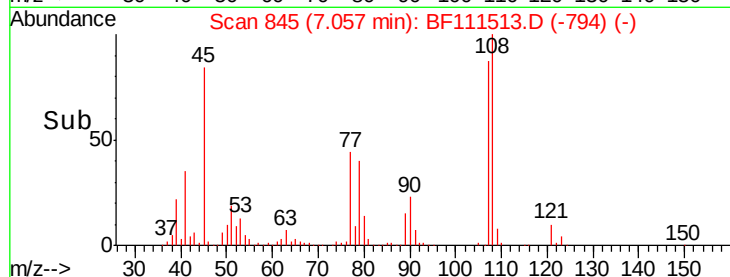
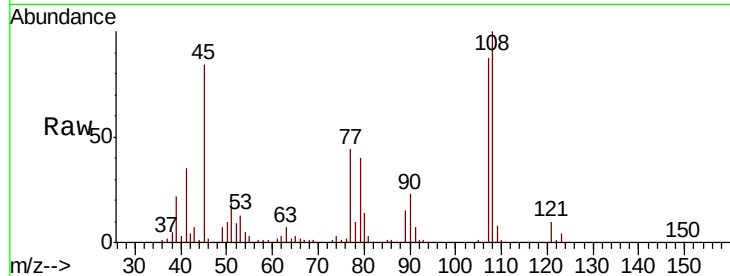
#17
2-Methylphenol
Concen: 30.982 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	91.0	136.4	
77	51.1	33.5	50.3	
79	46.6	33.3	49.9	

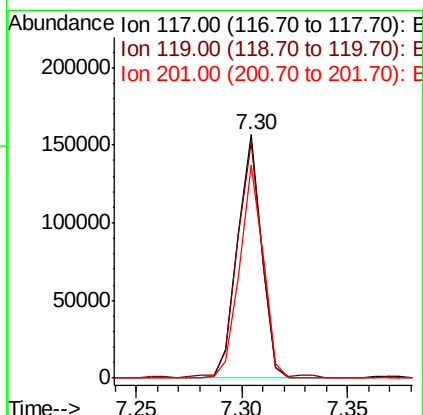
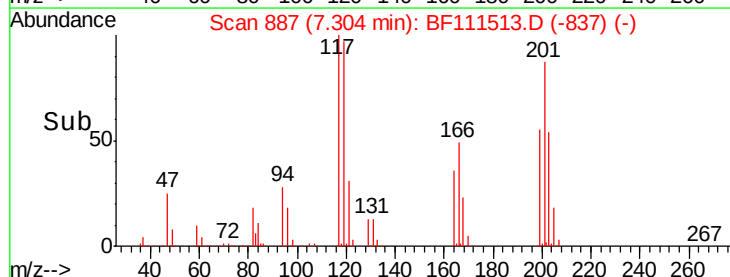
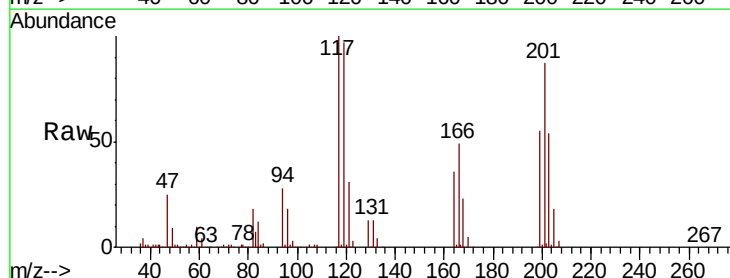
Manual Integrations
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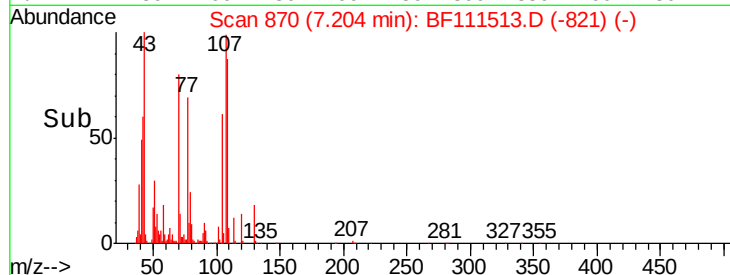
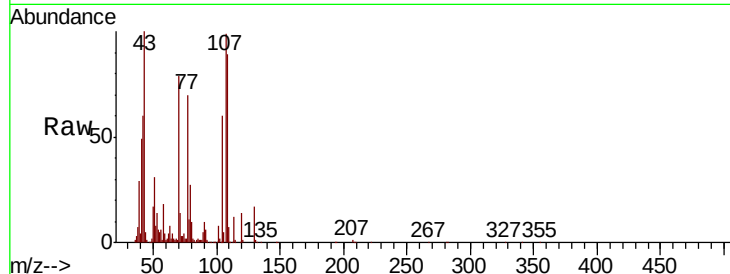
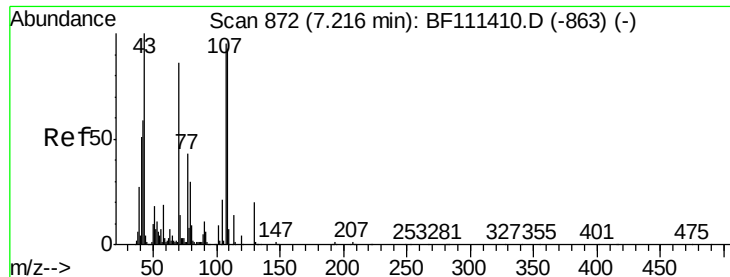
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#18
Hexachloroethane
Concen: 28.666 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	75.4	113.0	
201	87.3	62.4	93.6	





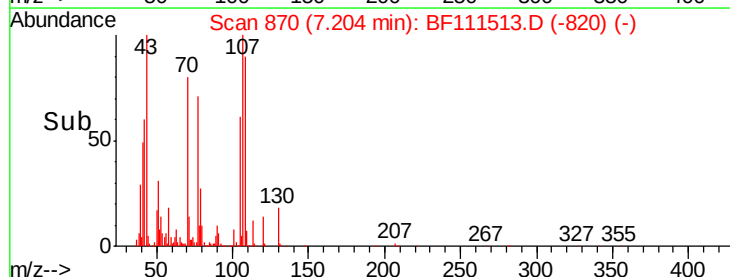
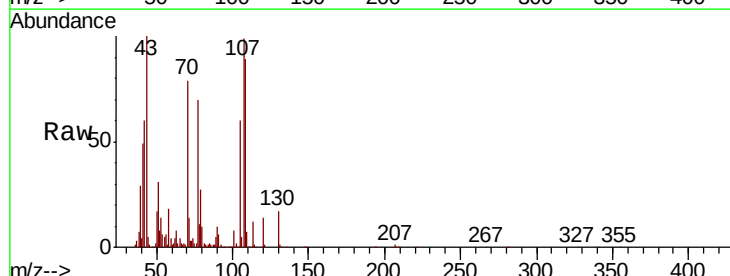
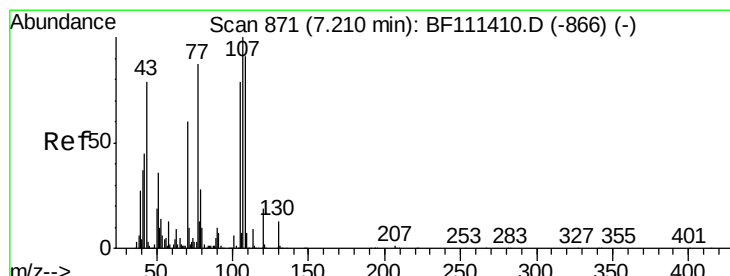
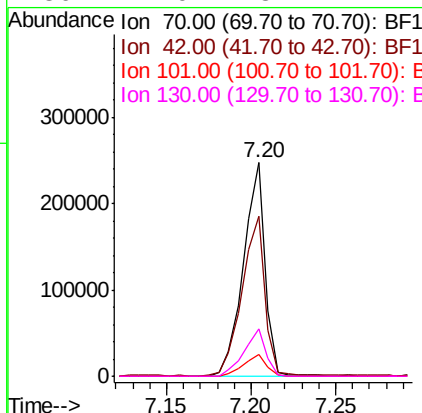
#19
n-Nitroso-di-n-propylamine
Concen: 29.779 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.1	53.2	79.8
101	10.3	8.2	12.4
130	22.0	18.1	27.1

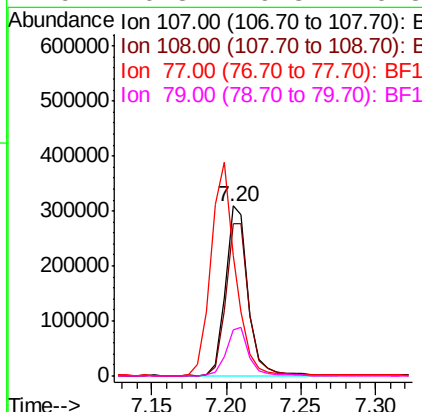
Manual Integrations
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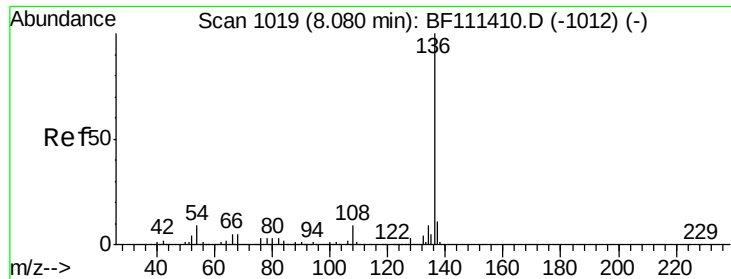
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#20
3+4-Methylphenols
Concen: 31.898 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.1	112.1
77	71.1	94.1	134.1#
79	26.8	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

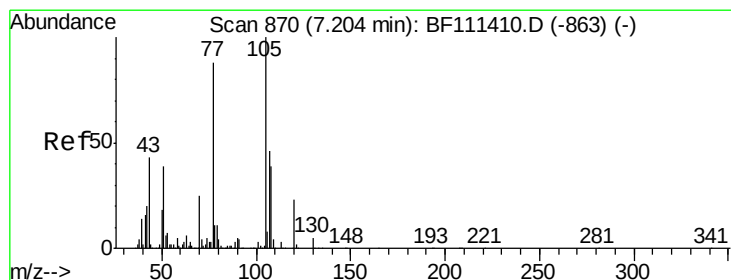
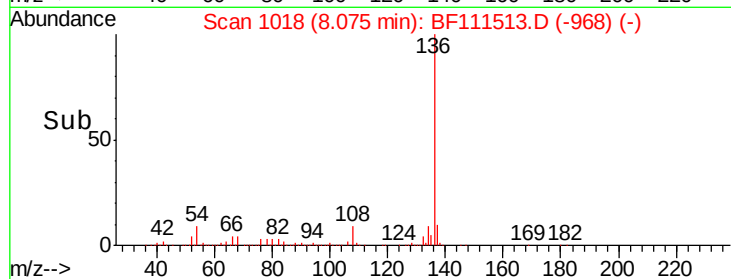
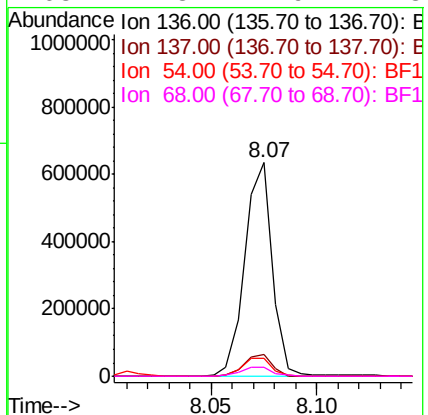
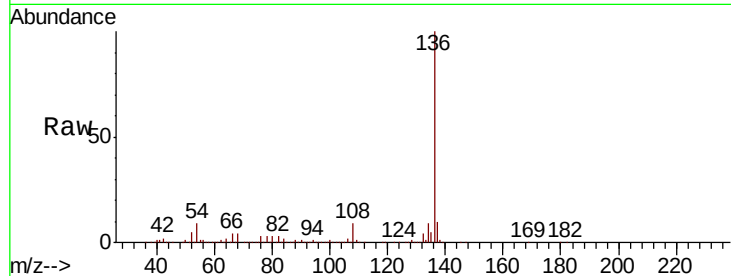
ClientSampleId :

P001-SS015-0612-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		572312		
137	10.3		9.1	13.7	
54	8.6		7.7	11.5	
68	4.3		4.9	7.3#	

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#22

Acetophenone

Concen: 36.394 ng

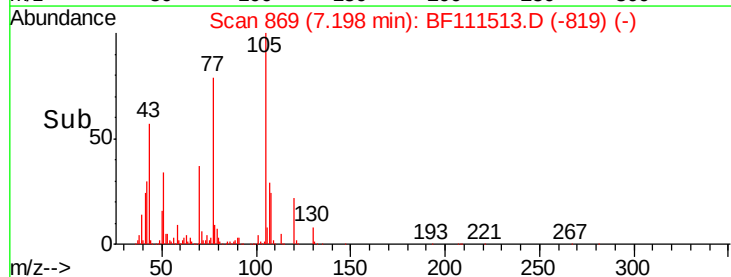
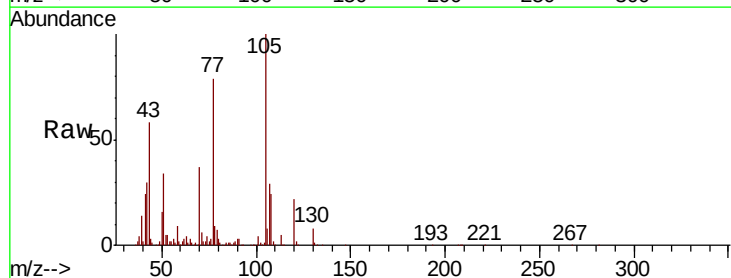
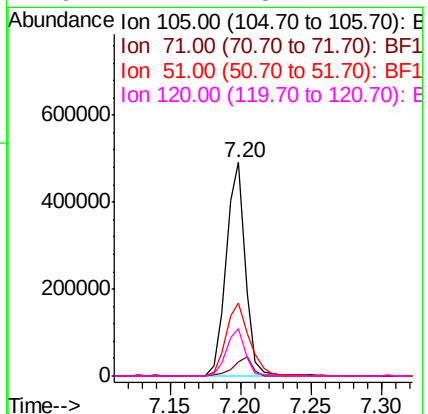
RT: 7.20 min Scan# 869

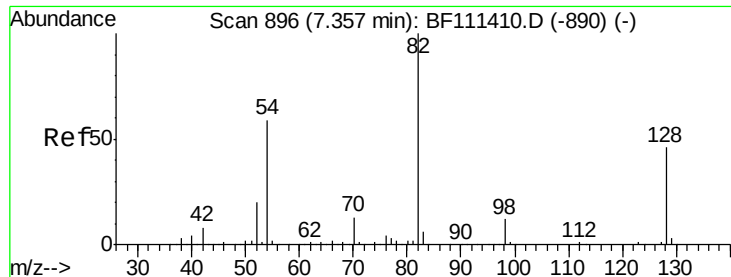
Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		464959		
71	6.4		3.1	4.7#	
51	34.4		36.6	54.8#	
120	22.4		18.2	27.4	





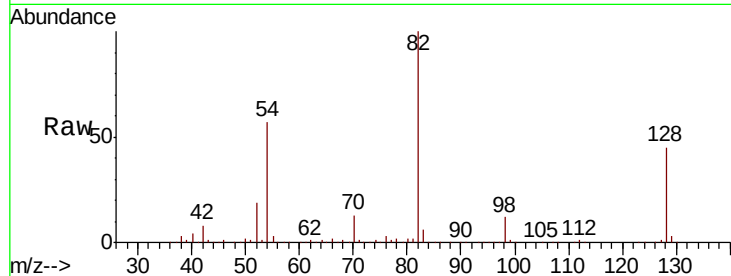
#23
Nitrobenzene-d5
Concen: 76.484 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

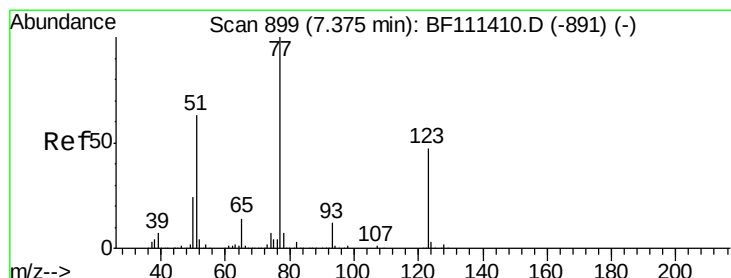
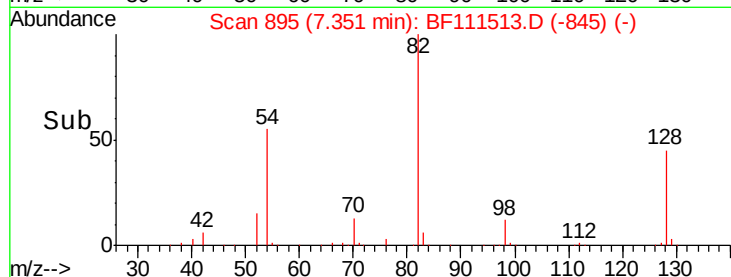
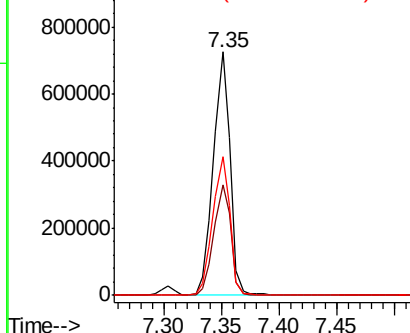
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.4	56.2
54	56.8	47.6	71.4

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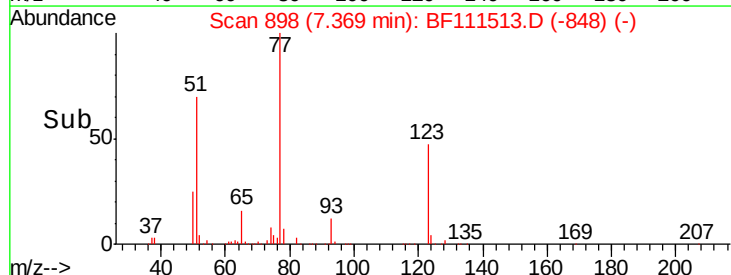
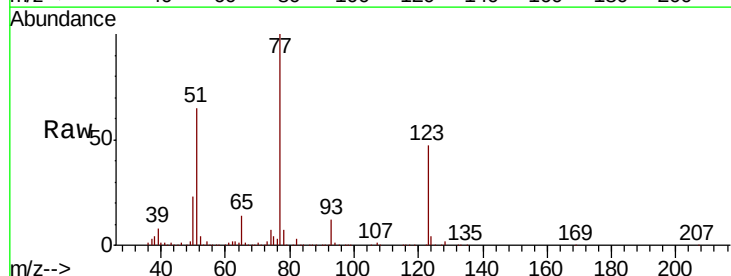
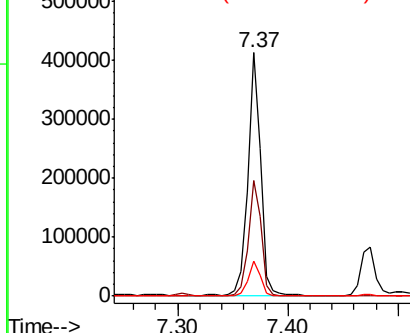
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

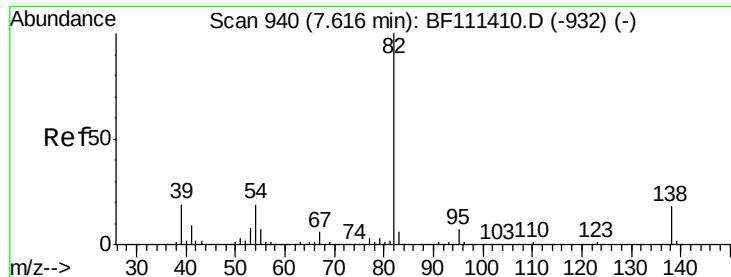


#24
Nitrobenzene
Concen: 33.773 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.2	55.8
65	14.4	11.5	17.3

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.576 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

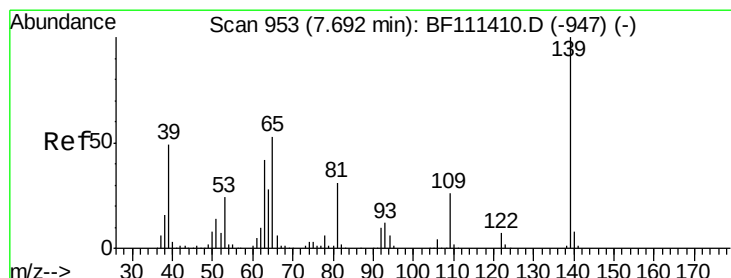
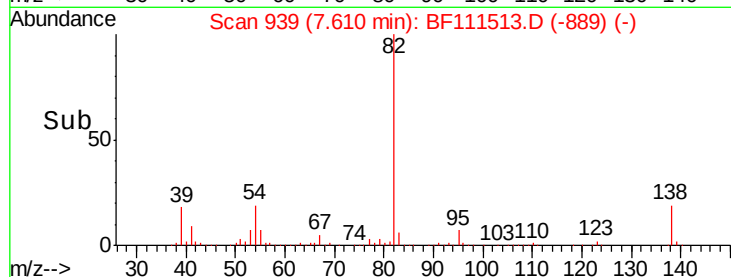
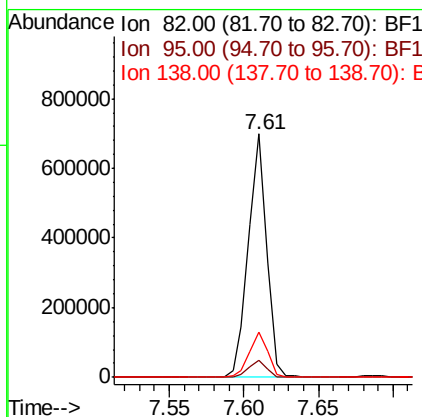
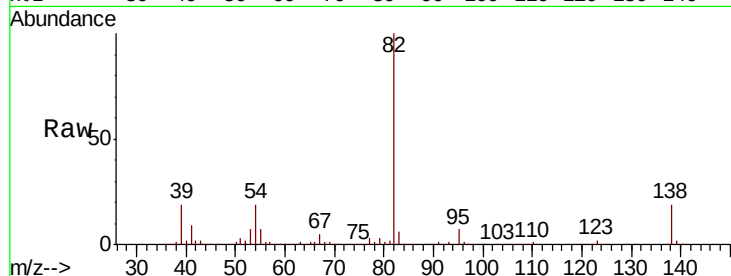
ClientSampleId :

P001-SS015-0612-01MS

Tot Ion:	82	Resp:	594792
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	18.7	15.1	22.7

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#26

2-Nitrophenol

Concen: 30.612 ng

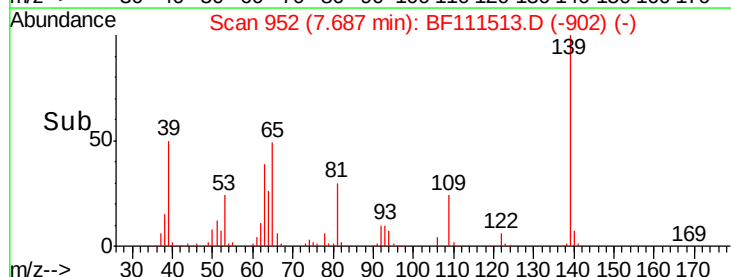
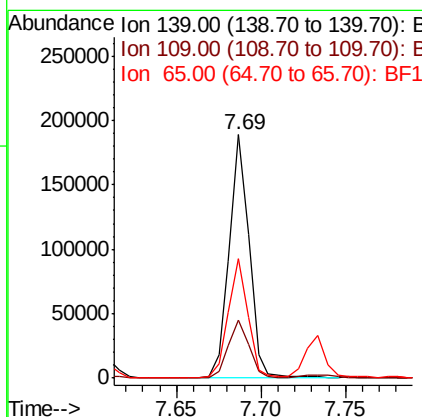
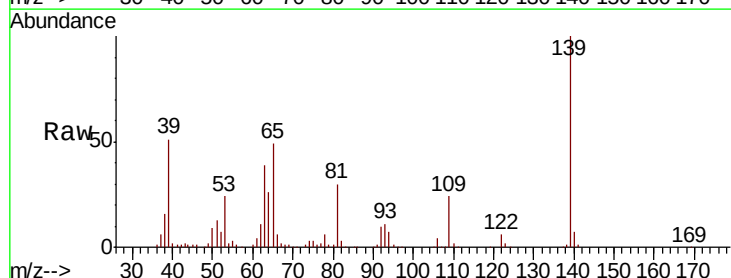
RT: 7.69 min Scan# 952

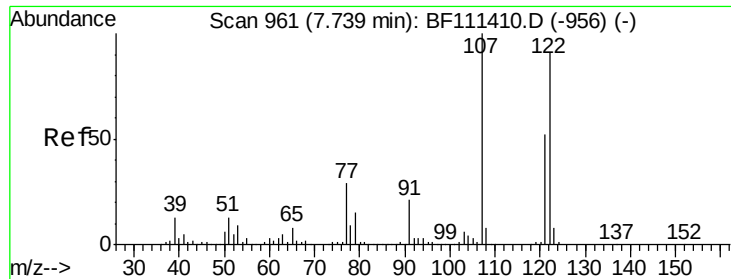
Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Tgt Ion:	139	Resp:	155643
Ion Ratio	Lower	Upper	
139	100		
109	23.9	20.2	30.4
65	49.1	40.7	61.1





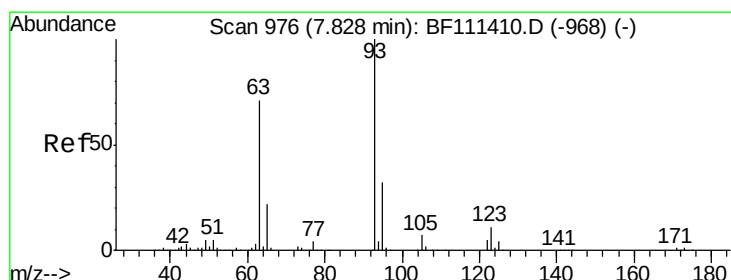
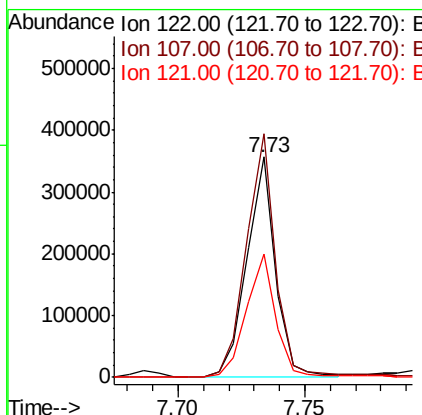
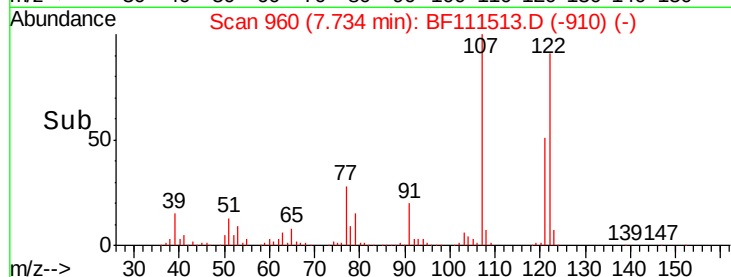
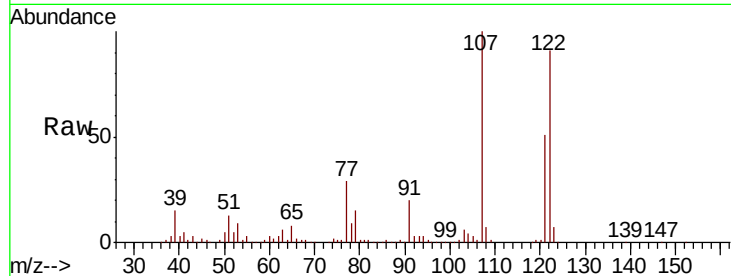
#27
 2,4-Dimethylphenol
 Concen: 38.020 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	85.5	128.3
121	56.1	46.6	70.0

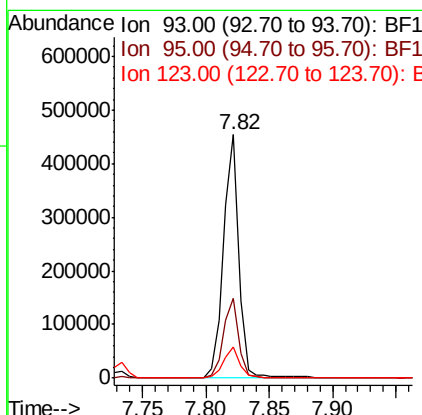
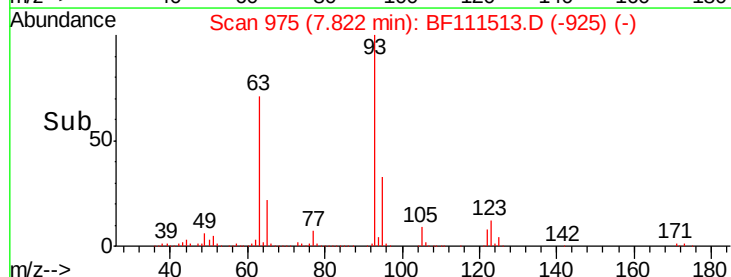
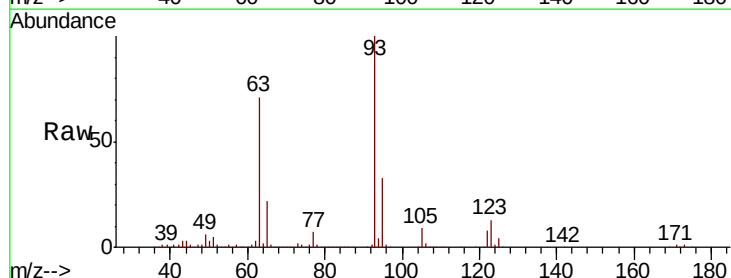
Manual Integrations
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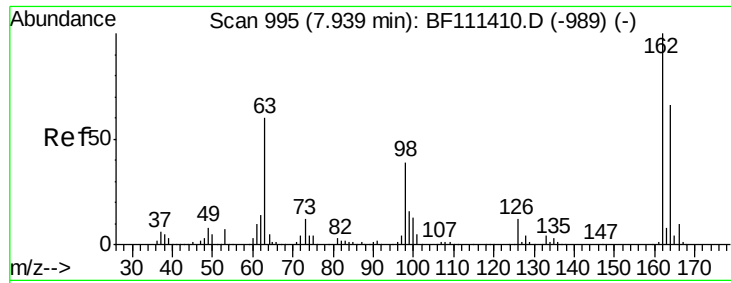
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.451 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.1	40.7
123	12.5	9.9	14.9





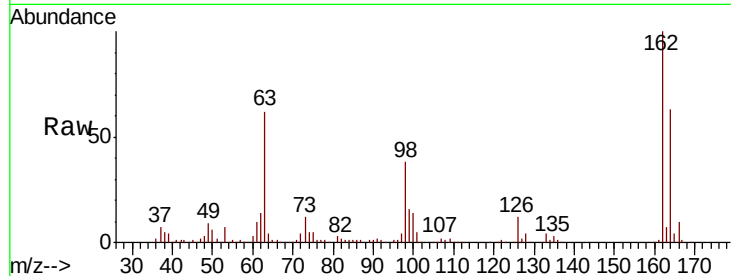
#29
2,4-Dichlorophenol
Concen: 32.724 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

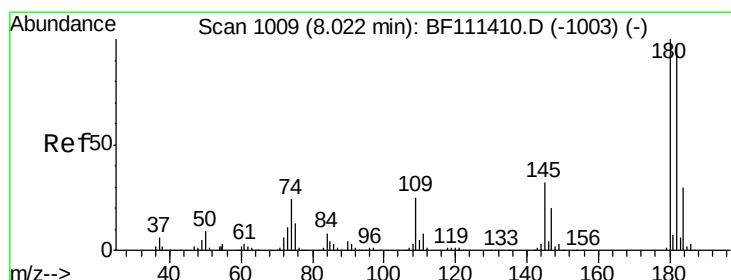
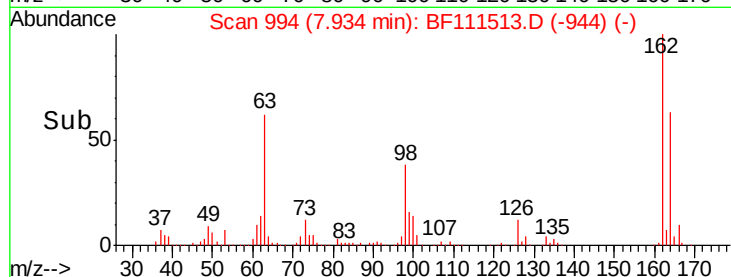
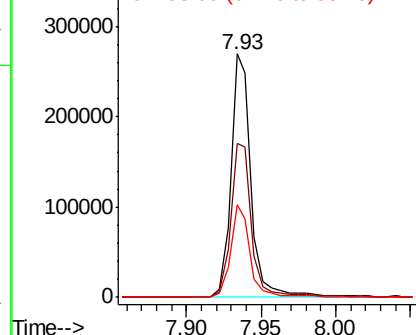
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.4	84.4
98	38.0	20.3	60.3

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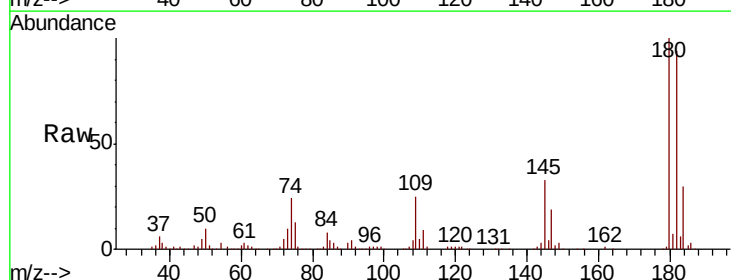


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

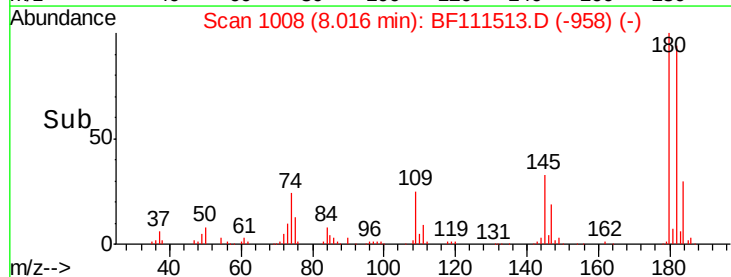
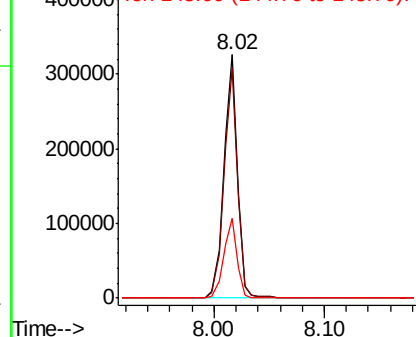


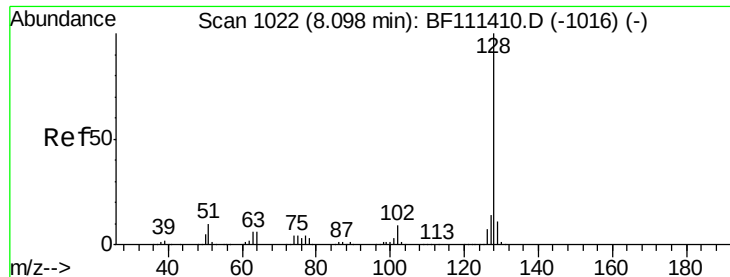
#30
1,2,4-Trichlorobenzene
Concen: 33.733 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.6	113.4
145	32.7	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





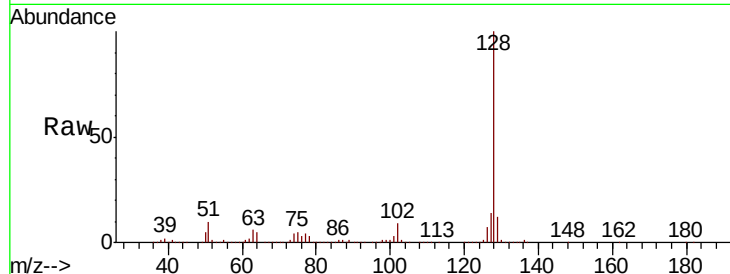
#31
Naphthalene
Concen: 35.084 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.8	12.0	18.0

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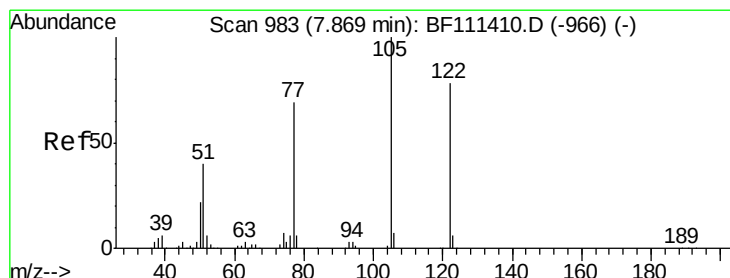
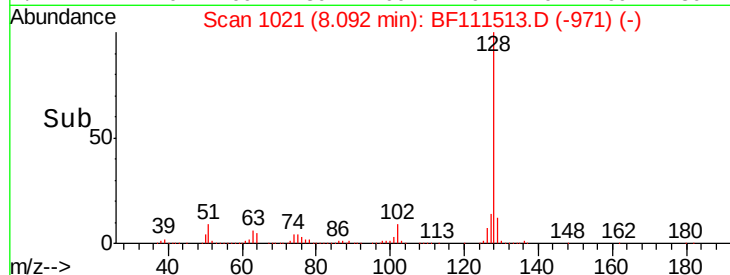
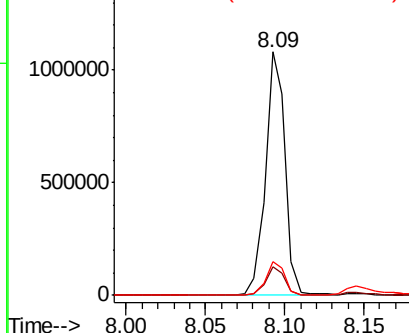


Abundance

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: 17.824 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.04 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

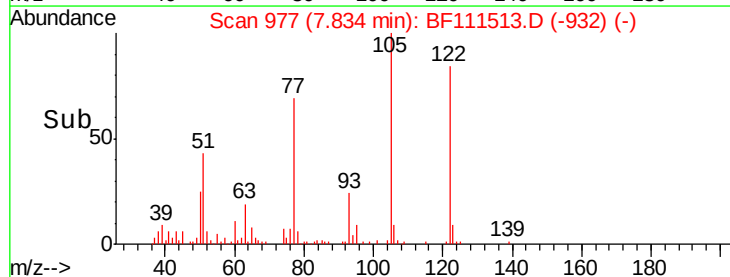
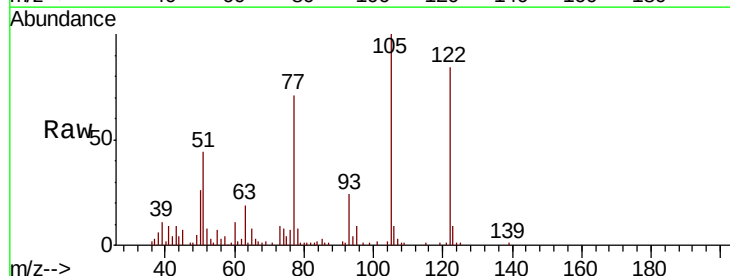
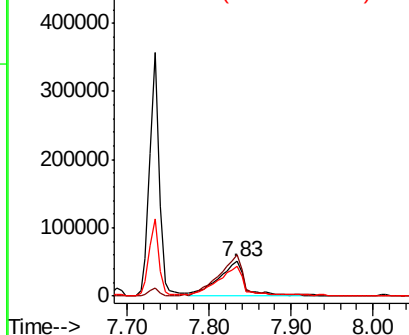
Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	97.0	137.0
77	84.3	65.7	105.7

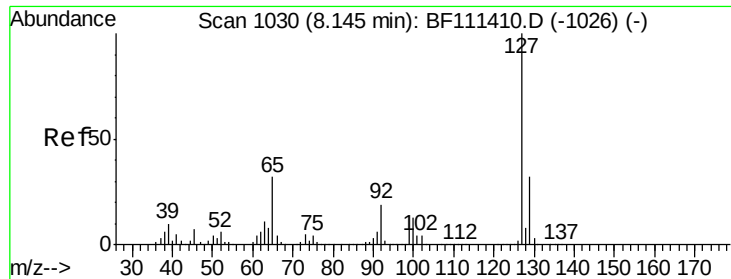
Abundance

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





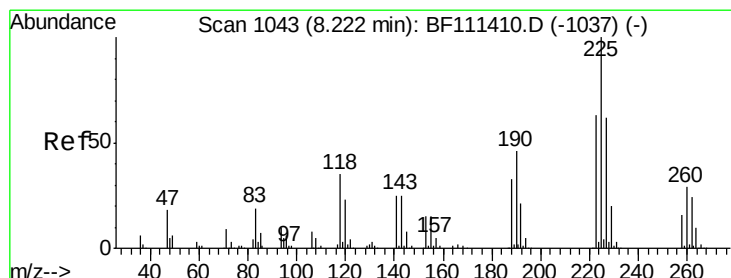
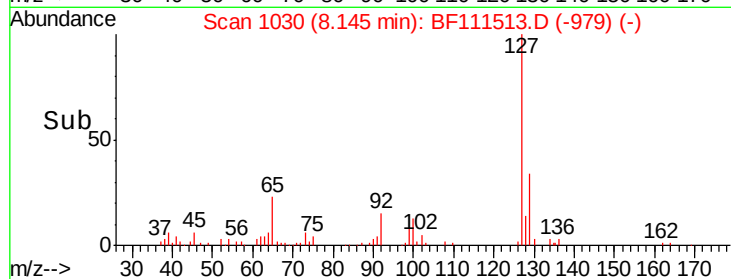
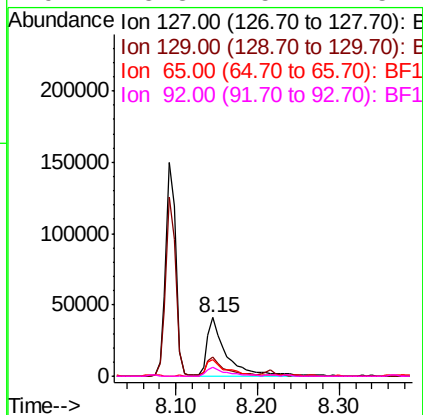
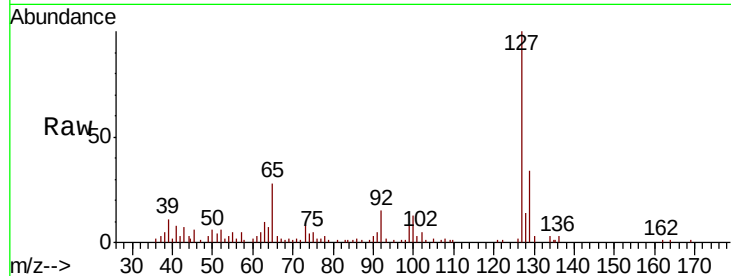
#33
4-Chloroaniline
Concen: 5.655 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		67312		
129	33.7	26.6	39.8		
65	28.0	25.7	38.5		
92	15.3	15.4	23.2		

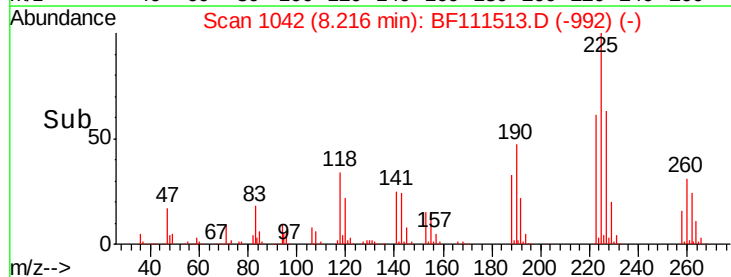
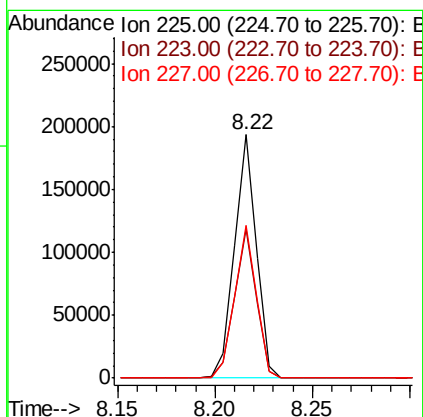
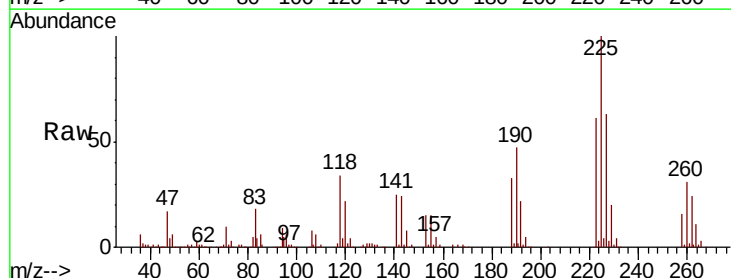
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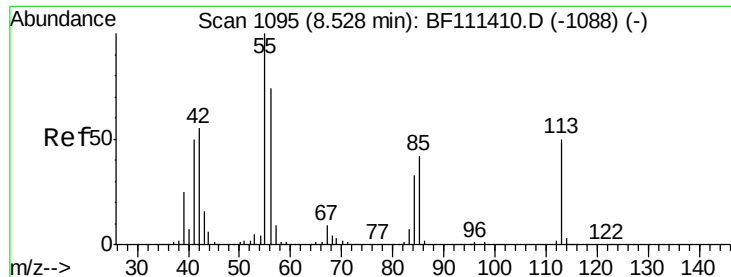
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#34
Hexachlorobutadiene
Concen: 33.047 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		149969		
223	61.4	50.7	76.1		
227	63.0	52.6	78.8		





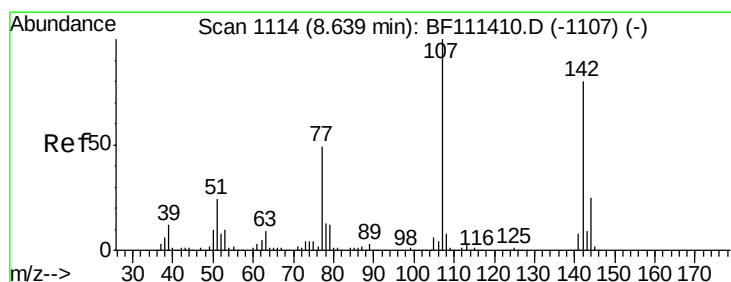
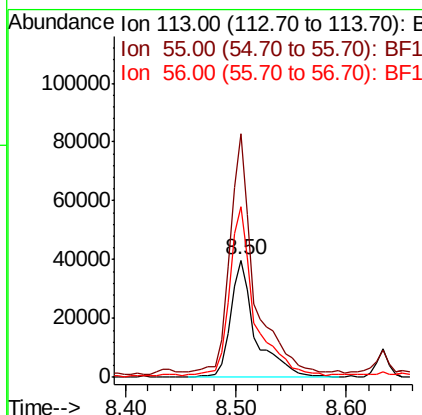
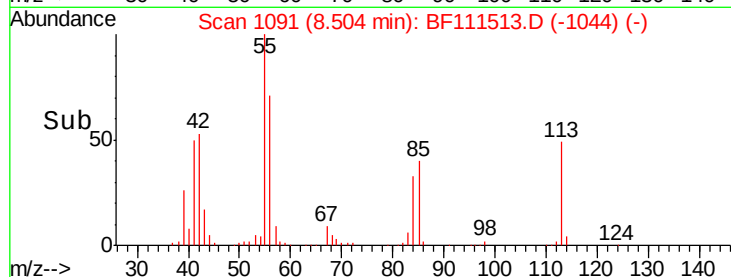
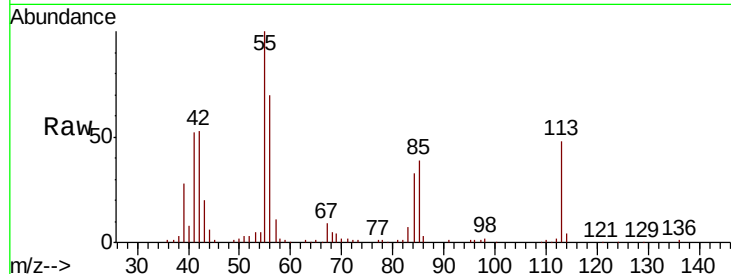
#35
Caprolactam
Concen: 21.695 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	207.7	184.1	224.1		
56	145.6	126.0	166.0		

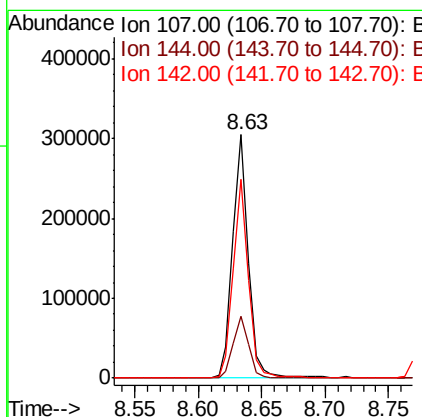
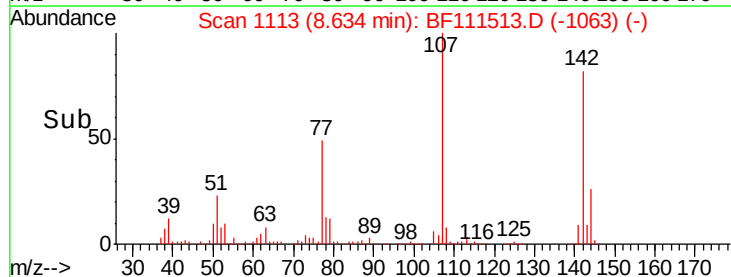
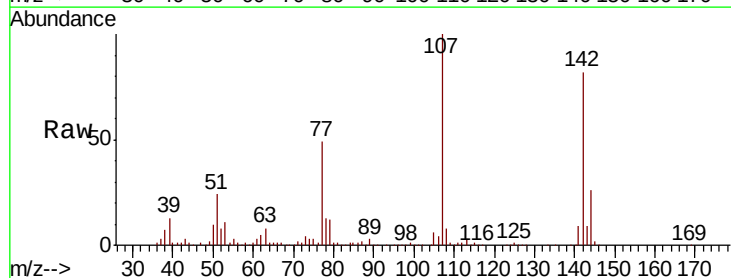
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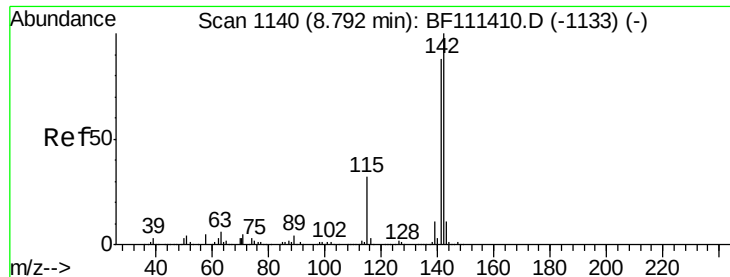
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 29.931 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.6	19.8	29.6		
142	81.6	62.3	93.5		





#37

2-Methylnaphthalene

Concen: 34.816 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

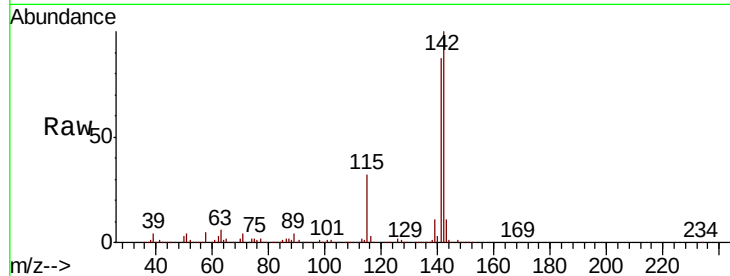
ClientSampleId :

P001-SS015-0612-01MS

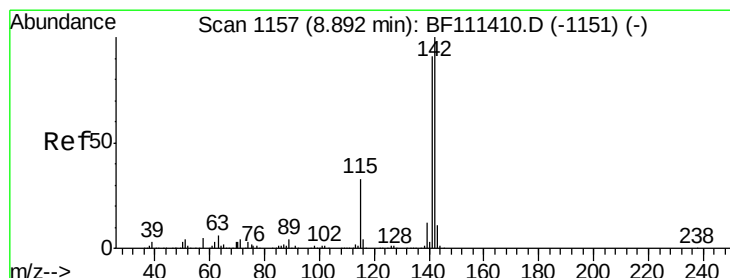
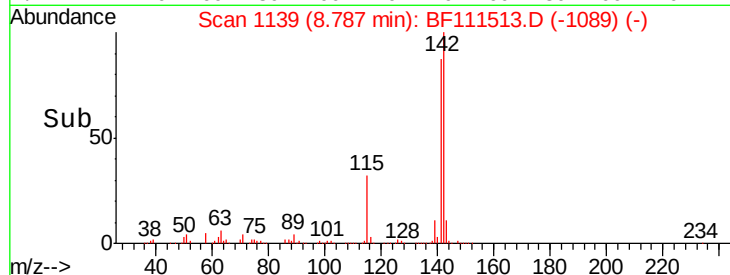
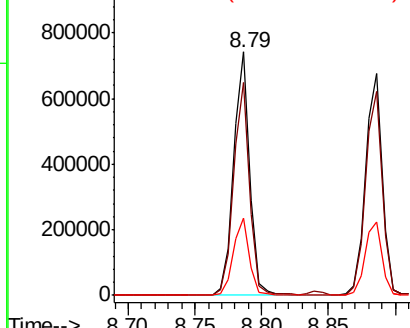
Tot Ion:	142	Resp:	630636
Ion Ratio	Lower	Upper	
142	100		
141	87.5	70.6	105.8
115	31.7	27.0	40.6

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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: 33.109 ng

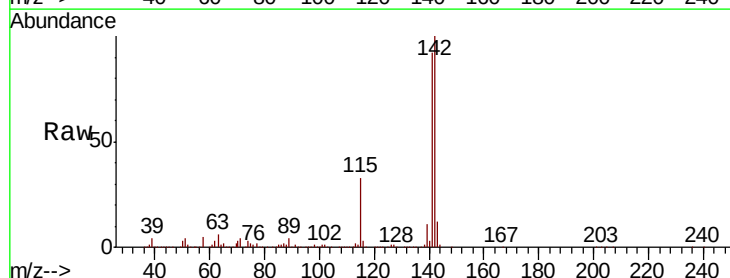
RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

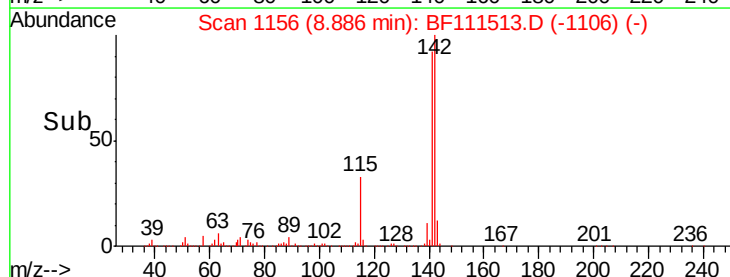
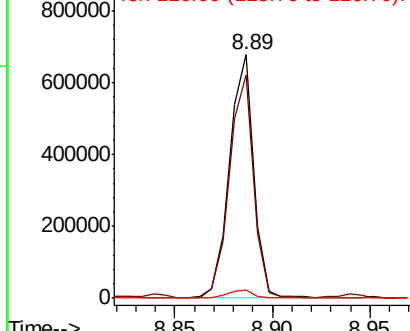
Lab File: BF111513.D

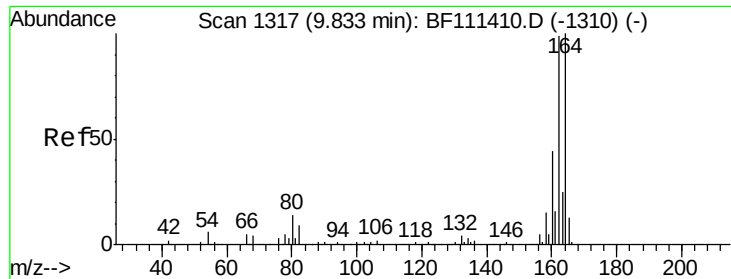
Acq: 16 Dec 2018 17:24

Tgt Ion:	142	Resp:	579381
Ion Ratio	Lower	Upper	
142	100		
141	91.8	74.2	111.4
116	3.3	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





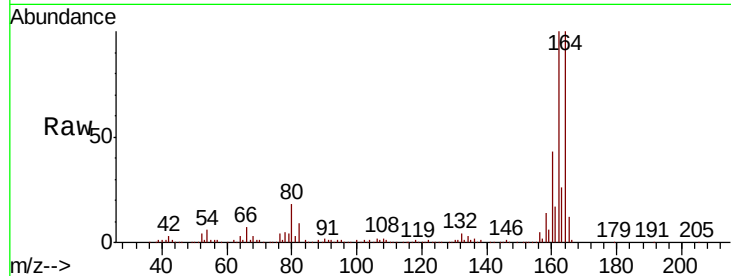
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	235921		
162	100.2	81.4	122.0	
160	43.2	35.7	53.5	

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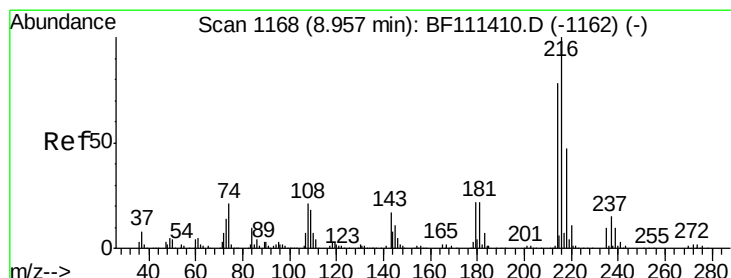
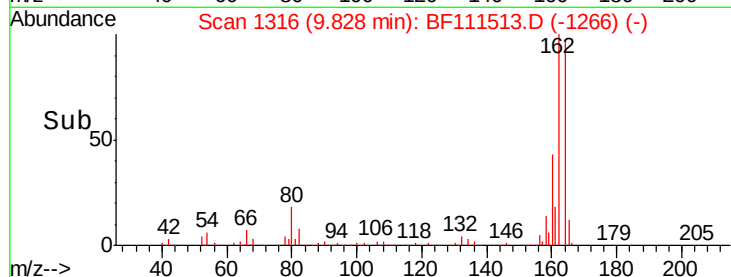
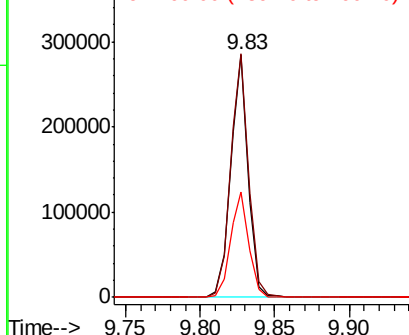


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.354 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	248147		
214	80.4	63.8	95.8	
179	22.3	17.9	26.9	
108	19.8	18.4	27.6	

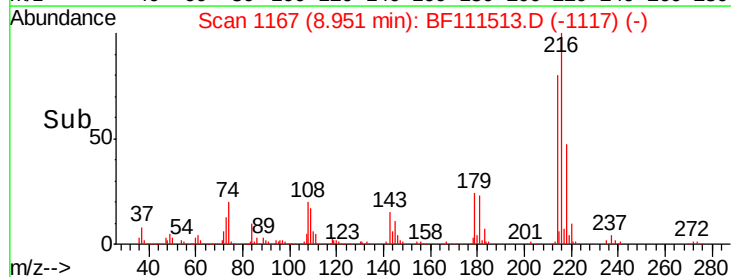
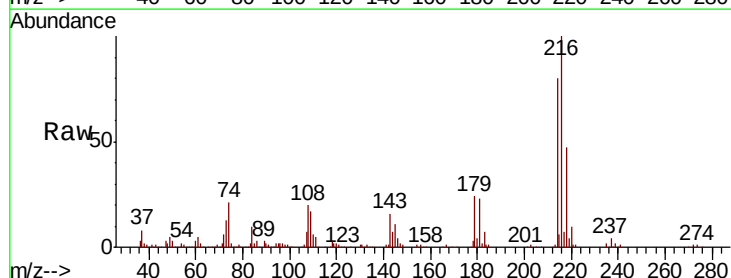
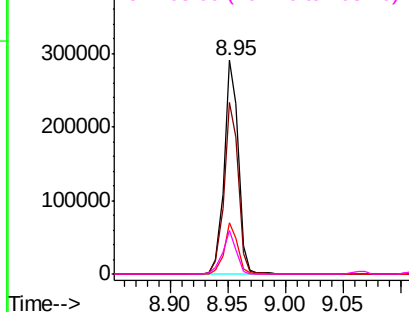
Abundance

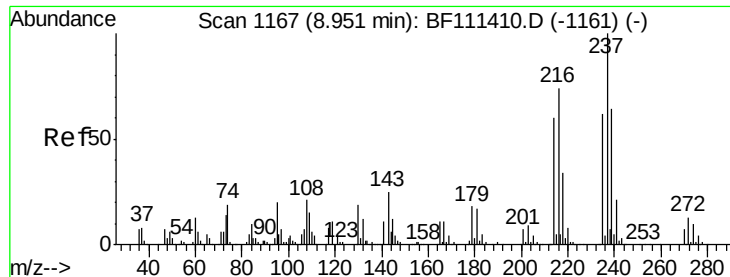
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





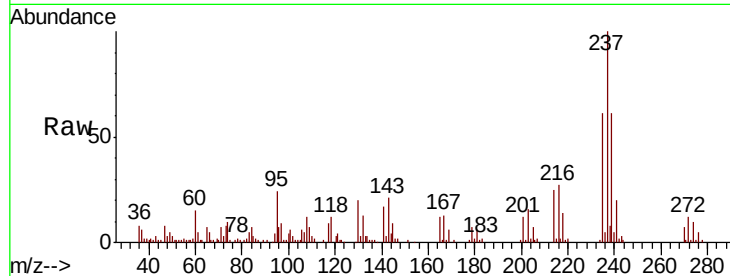
#41
Hexachlorocyclopentadiene
Concen: 17.868 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

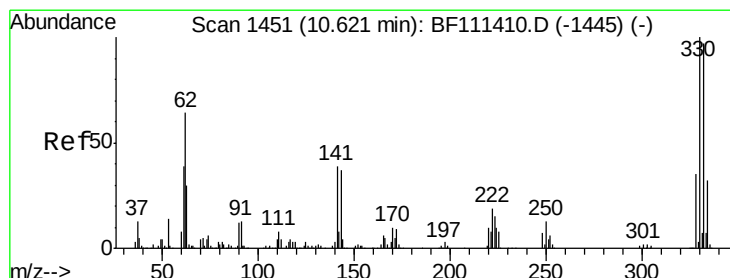
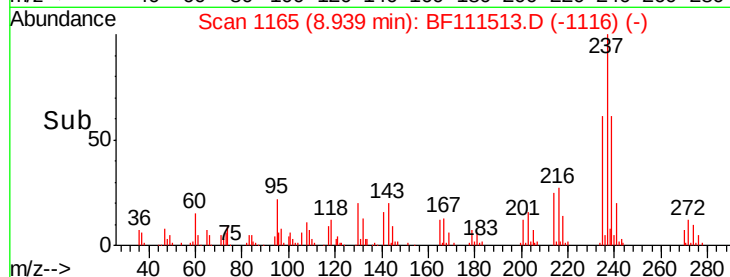
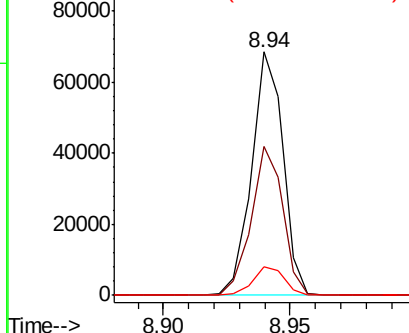
Tot Ion:	237	Resp:	59352
Ion Ratio	Lower	Upper	
237	100		
235	61.0	43.1	83.1
272	11.7	0.0	33.0

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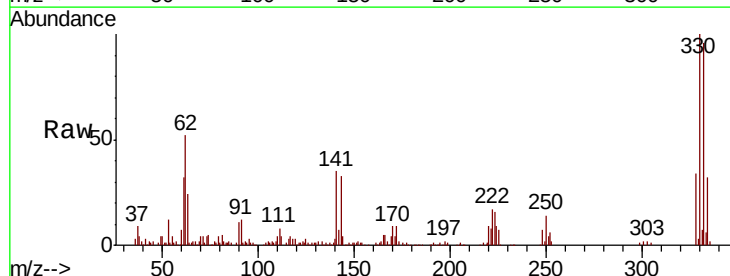


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

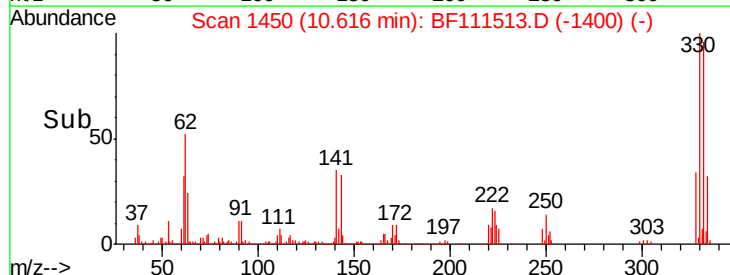
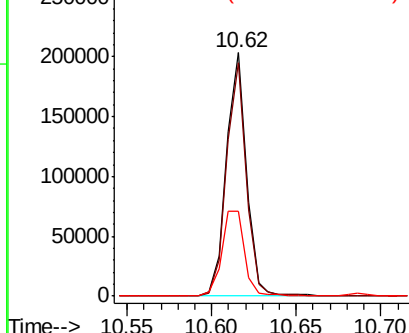


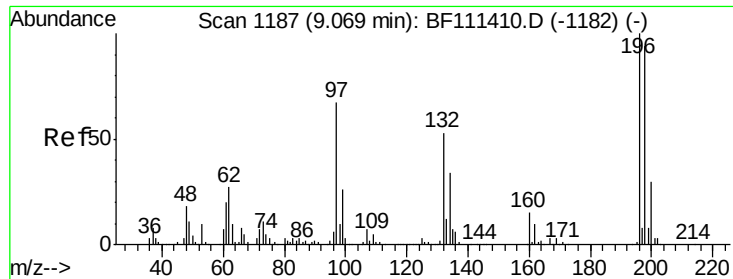
#42
2,4,6-Tribromophenol
Concen: 79.699 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion:	330	Resp:	168432
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.0	114.0
141	40.7	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





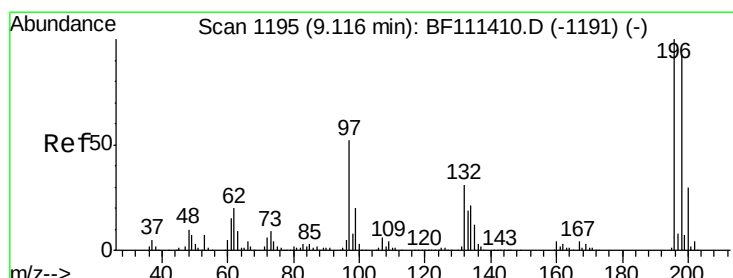
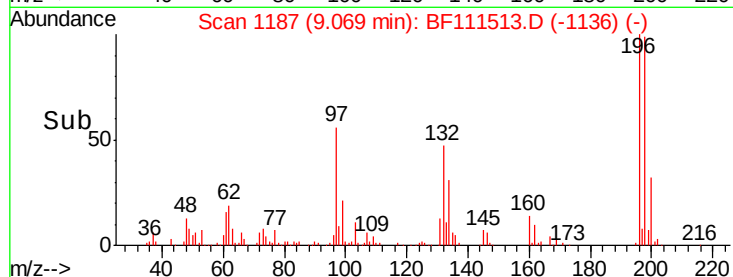
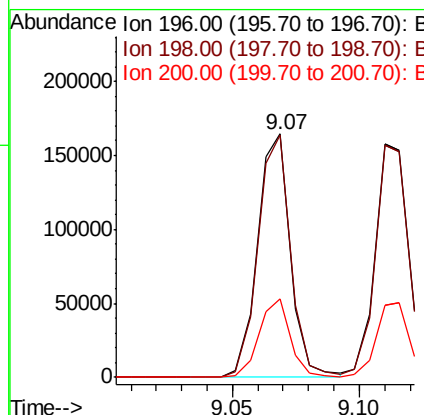
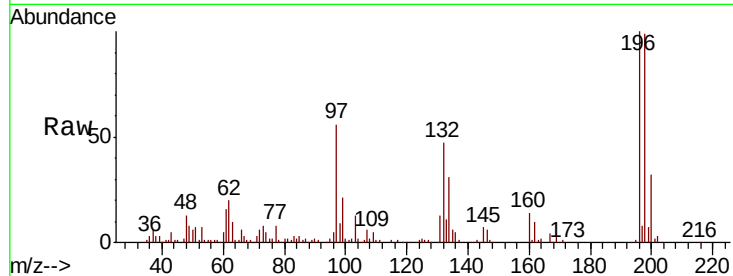
#43
 2,4,6-Trichlorophenol
 Concen: 32.483 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Tot Ion:	196	Resp:	148745
Ion Ratio	Lower	Upper	
196	100		
198	99.3	76.3	114.5
200	32.3	24.9	37.3

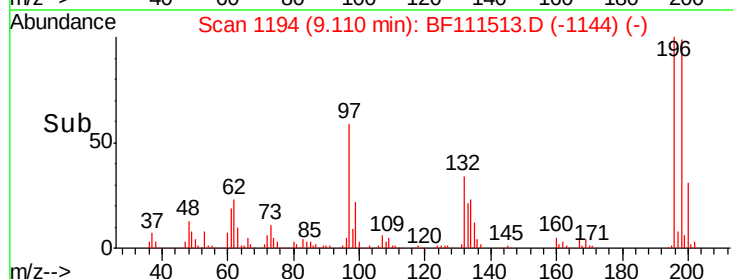
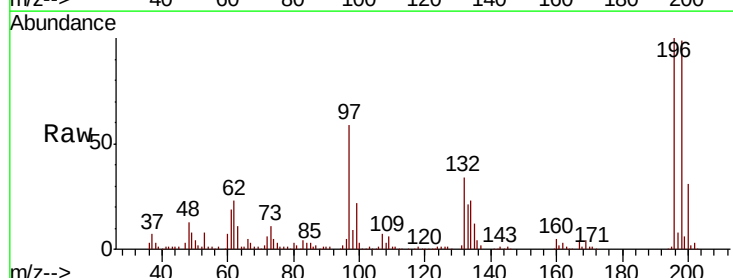
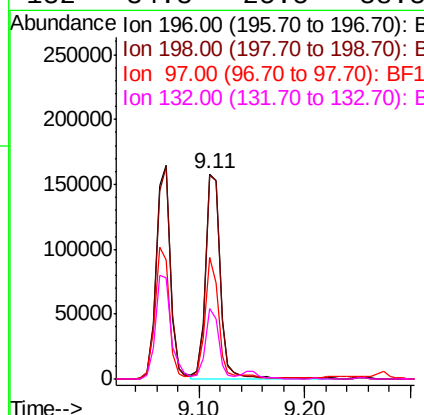
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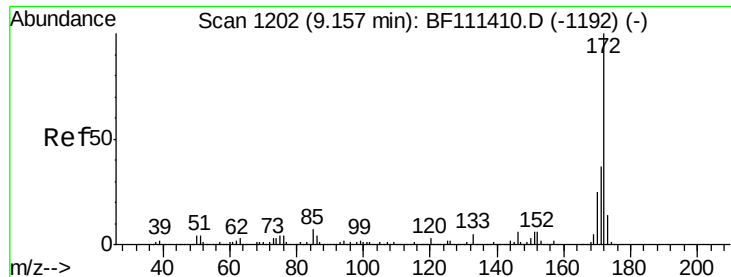
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#44
 2,4,5-Trichlorophenol
 Concen: 31.917 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion:	196	Resp:	155526
Ion Ratio	Lower	Upper	
196	100		
198	99.4	72.9	109.3
97	59.5	45.3	67.9
132	34.3	25.5	38.3





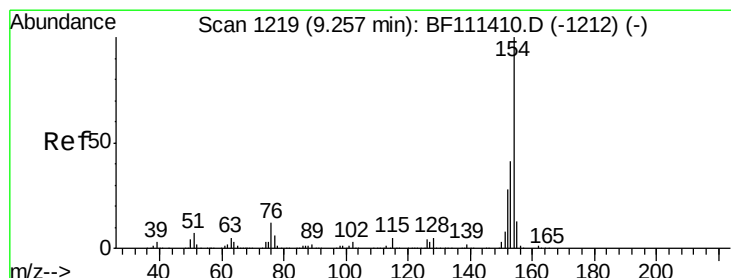
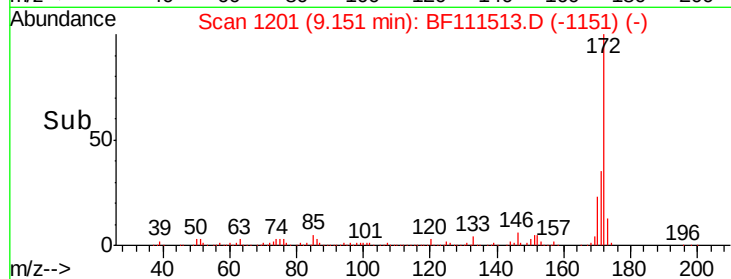
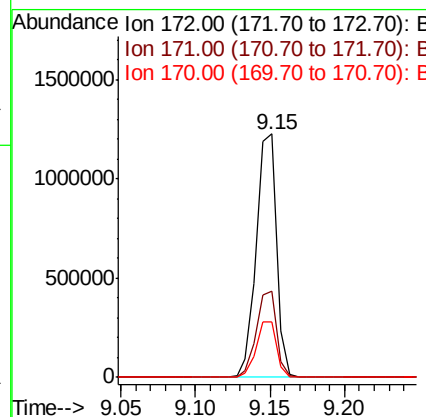
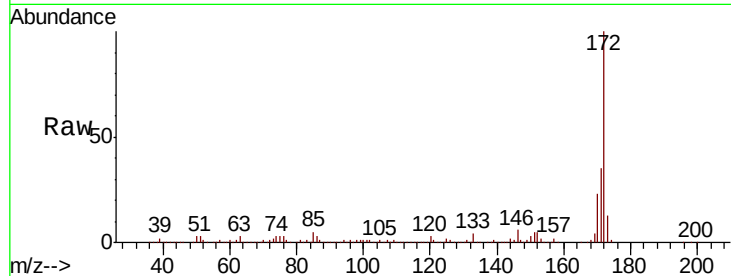
#45
2-Fluorobiphenyl
Concen: 75.401 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	23.0	22.3	33.5

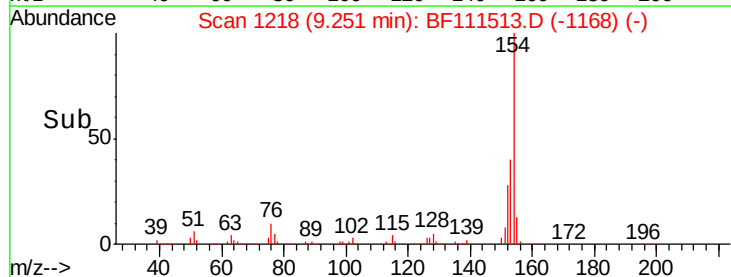
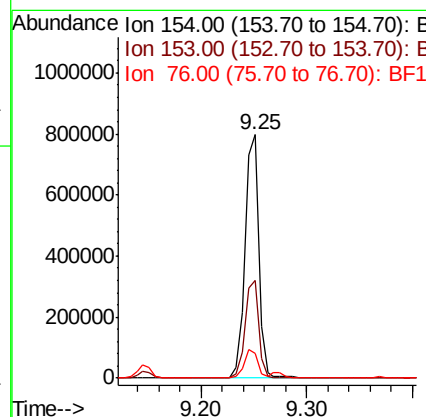
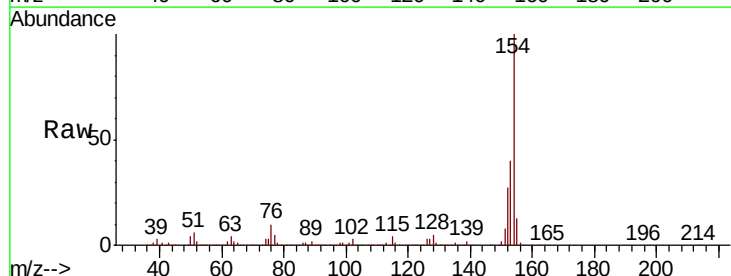
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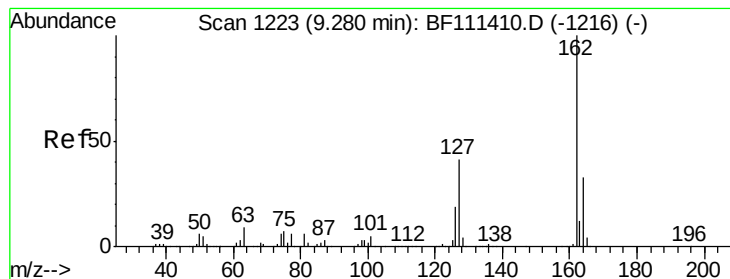
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#46
1,1'-Biphenyl
Concen: 35.430 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	23.7	63.7
76	10.3	0.0	35.0





#47

2-Chloronaphthalene

Concen: 35.338 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

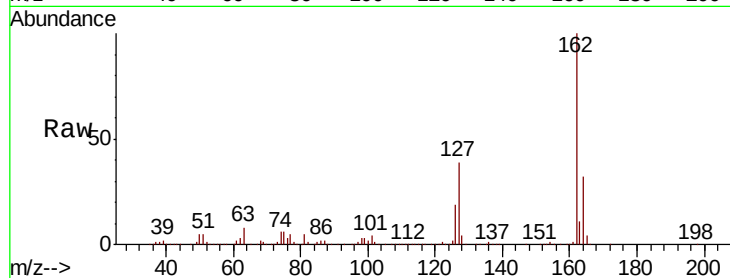
ClientSampleId :

P001-SS015-0612-01MS

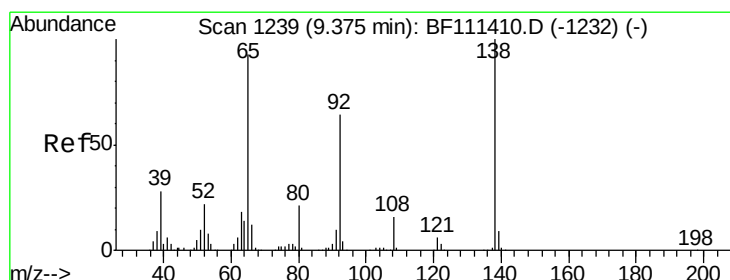
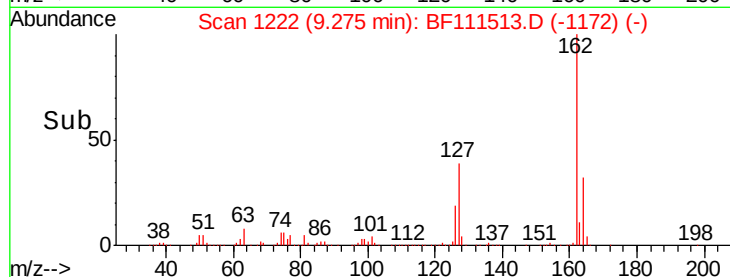
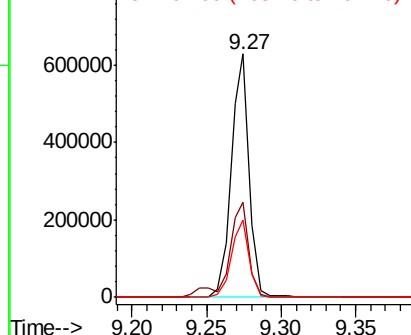
Tot Ion:	162	Resp:	536957
Ion Ratio	Lower	Upper	
162	100		
127	39.1	35.0	52.4
164	31.9	28.4	42.6

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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: 32.702 ng

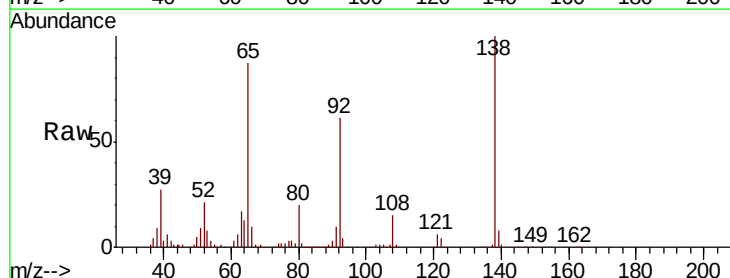
RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

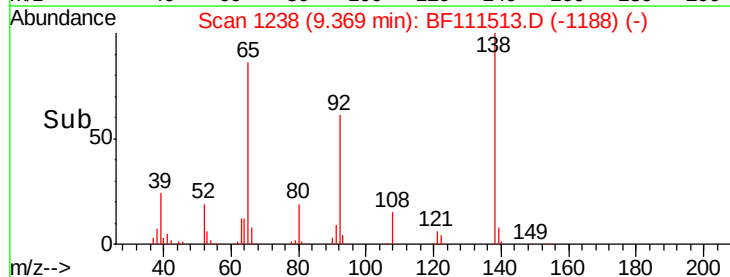
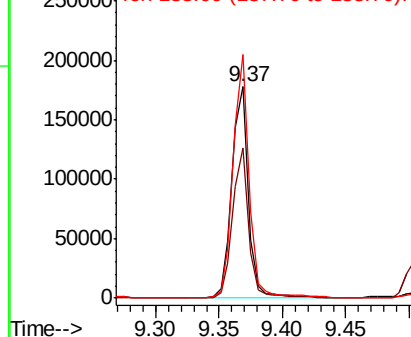
Lab File: BF111513.D

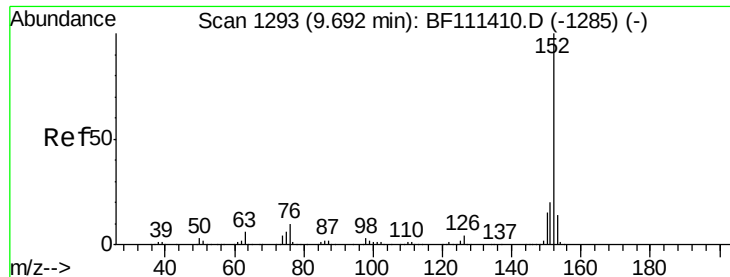
Acq: 16 Dec 2018 17:24

Tgt Ion:	65	Resp:	161338
Ion Ratio	Lower	Upper	
65	100		
92	70.8	53.5	80.3
138	115.1	80.9	121.3



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





#49

Acenaphthylene

Concen: 35.034 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

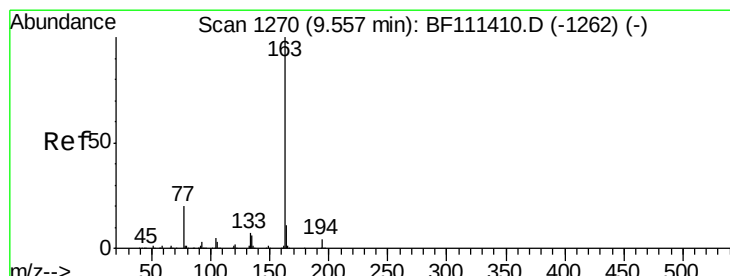
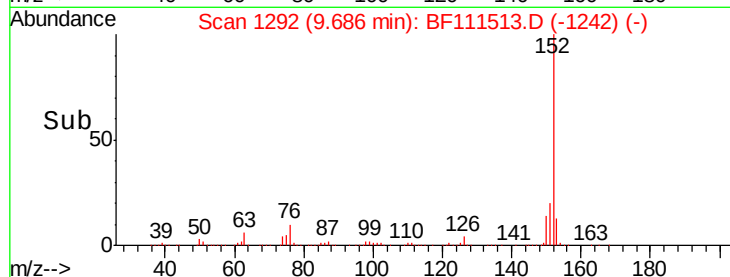
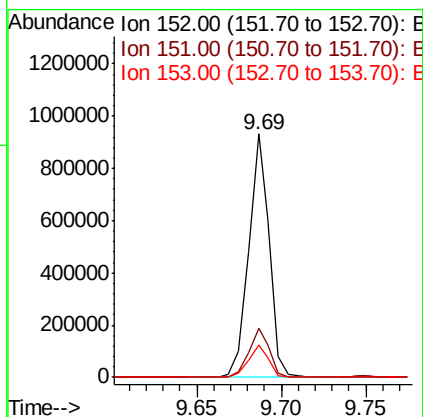
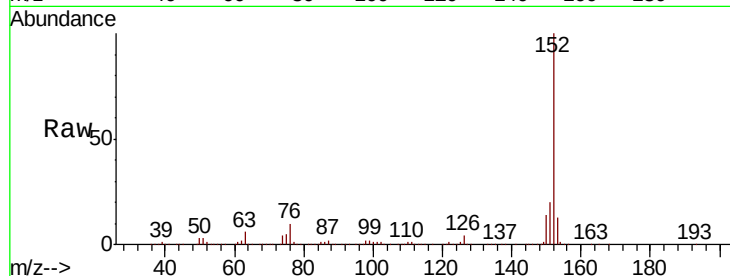
ClientSampleId :

P001-SS015-0612-01MS

Tot Ion:	152	Resp:	790164
Ion Ratio	Lower	Upper	
152	100		
151	20.2	18.0	27.0
153	13.1	12.3	18.5

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#50

Dimethylphthalate

Concen: 39.203 ng

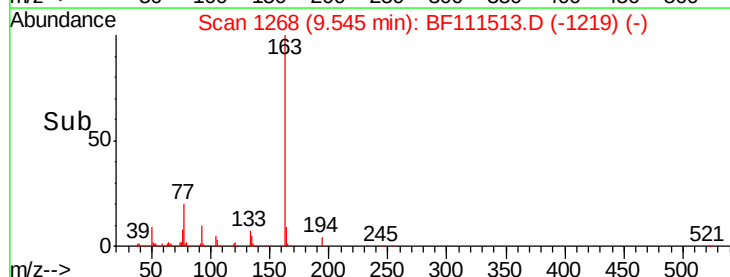
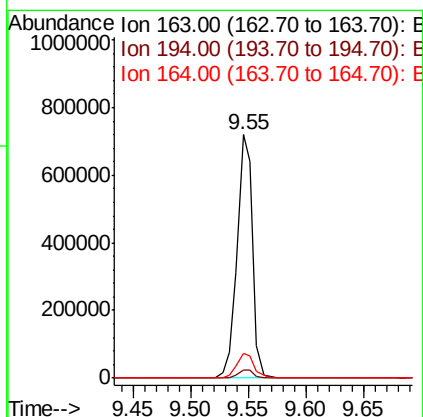
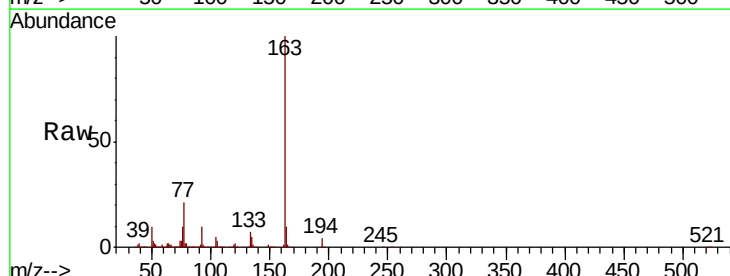
RT: 9.55 min Scan# 1268

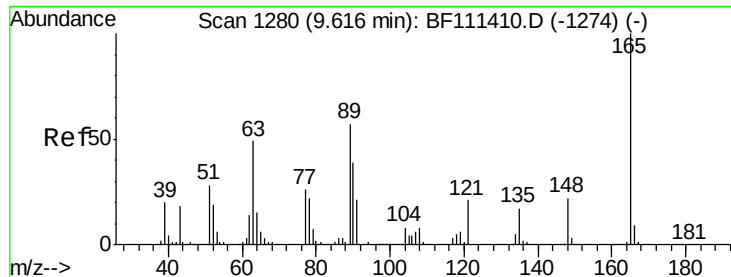
Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Tgt Ion:	163	Resp:	666080
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.0	4.6
164	10.4	8.9	13.3





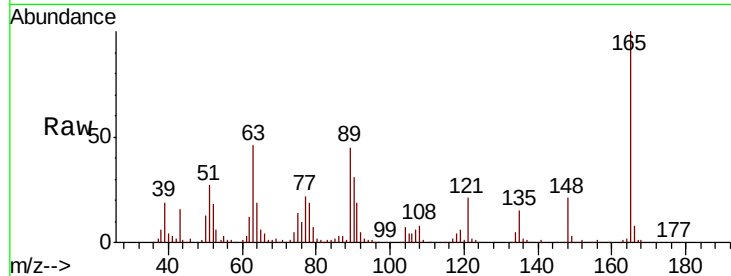
#51
2,6-Dinitrotoluene
Concen: 32.831 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

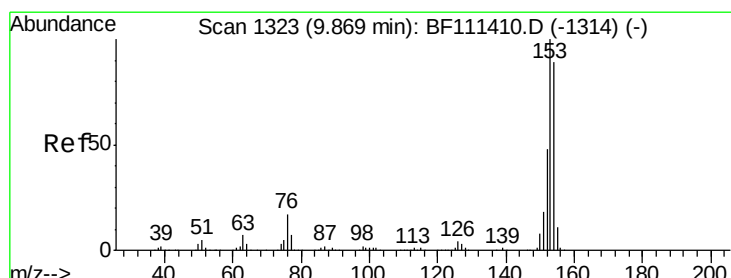
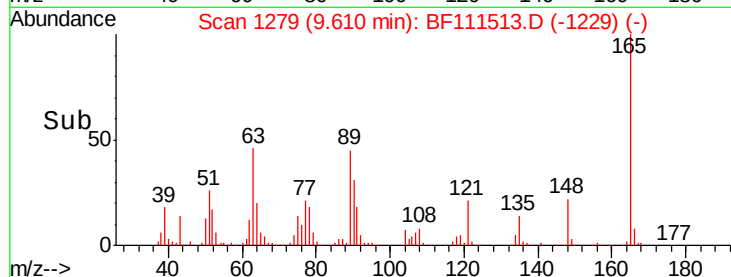
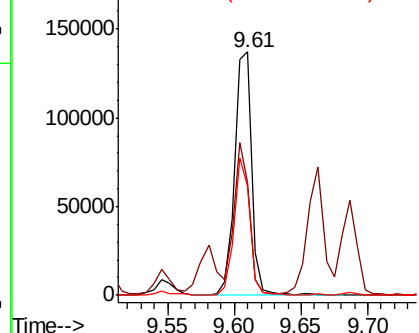
Tot Ion	Ratio	Resp	Lower	Upper
165	100	125561		
63	46.5		40.5	60.7
89	44.9		40.0	60.0

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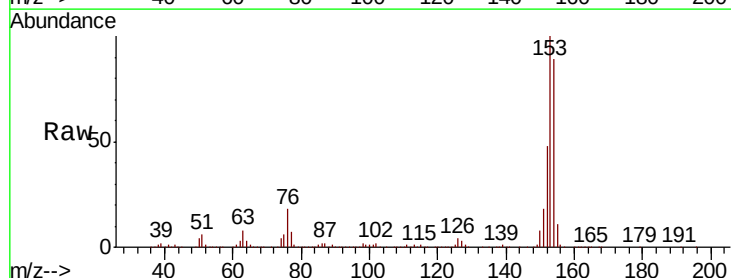


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

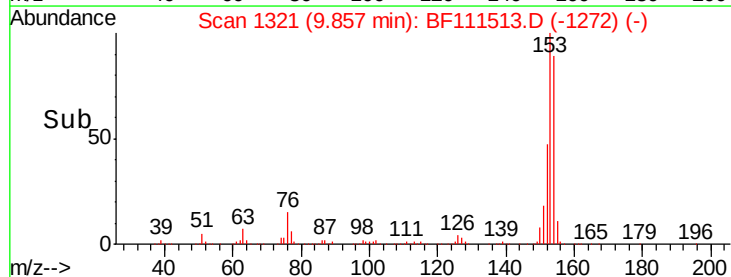
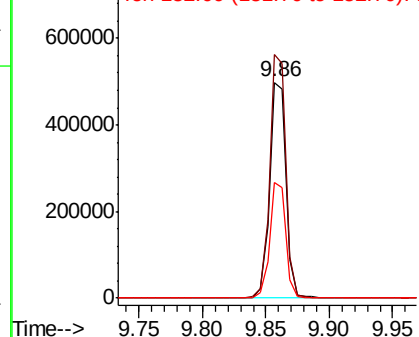


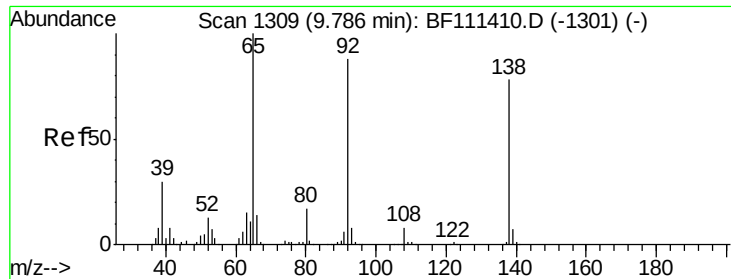
#52
Acenaphthene
Concen: 31.771 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	452910		
153	112.8		87.8	131.8
152	53.6		43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





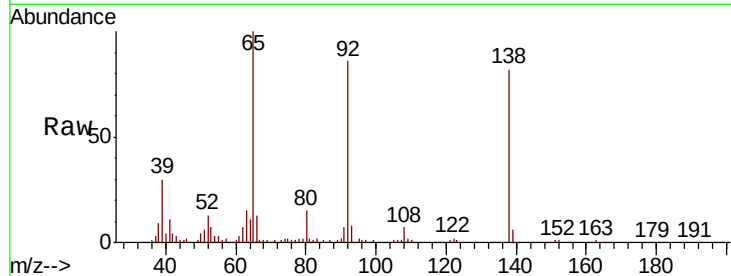
#53
3-Nitroaniline
Concen: 15.282 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.2	12.4
92	104.9	93.4	140.2

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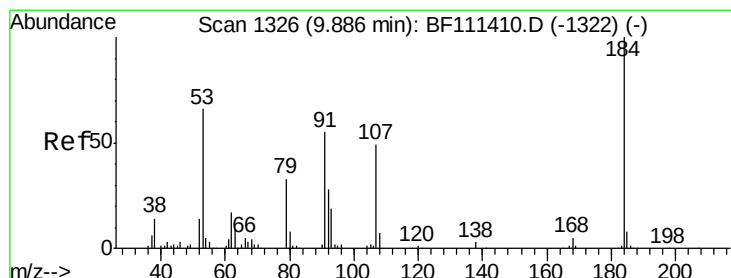
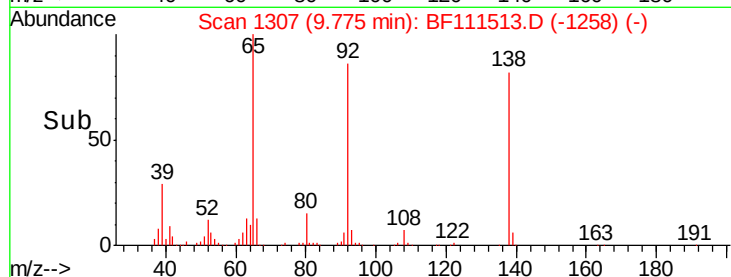
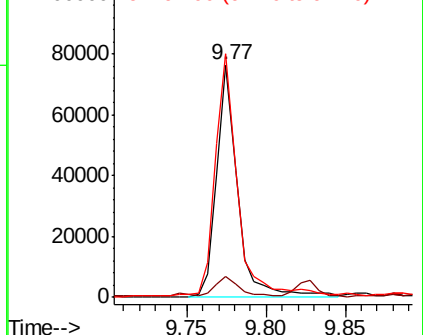


Abundance

Ion 138.00 (137.70 to 138.70): E

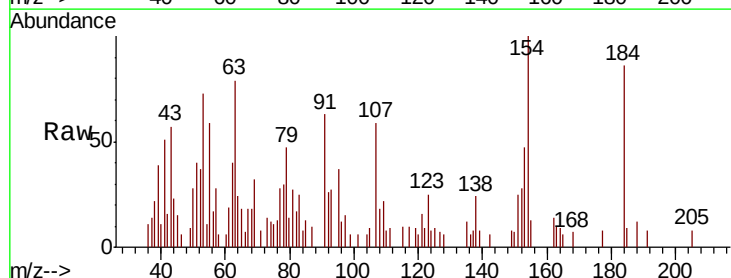
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 2.936 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	92.5	62.3	93.5
154	116.4	56.2	84.2#

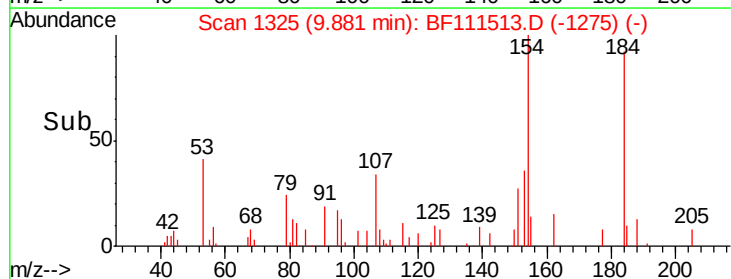
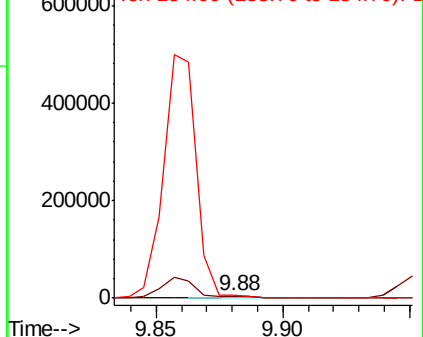


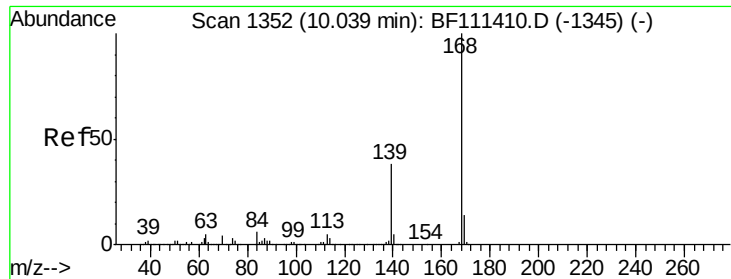
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 32.840 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

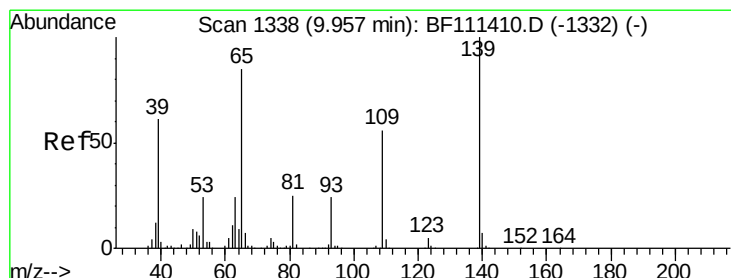
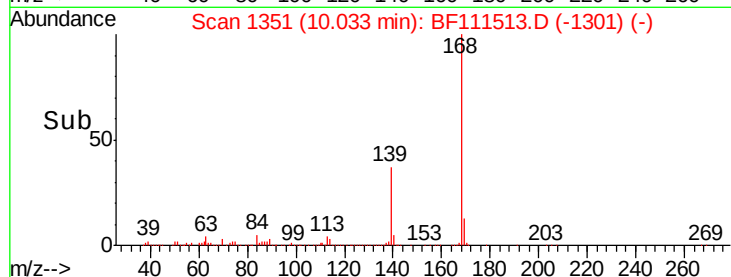
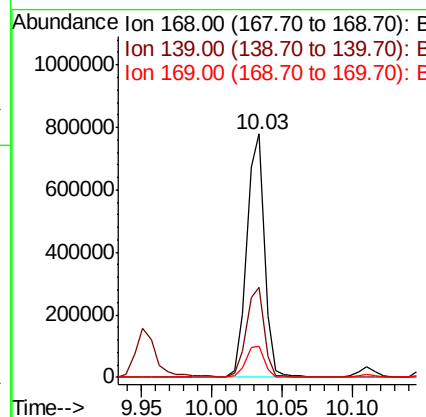
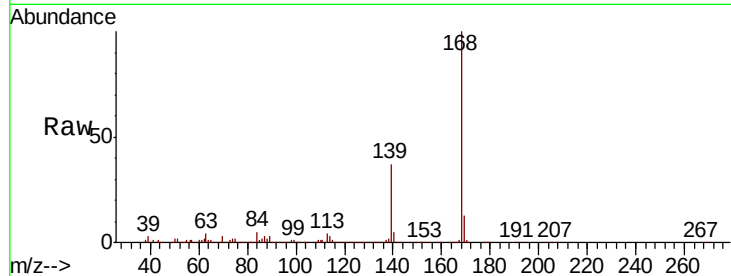
ClientSampleId :

P001-SS015-0612-01MS

Tot Ion:	168	Resp:	679530
Ion Ratio	Lower	Upper	
168	100		
139	37.2	32.6	49.0
169	12.7	11.8	17.6

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#56

4-Nitrophenol

Concen: 50.131 ng

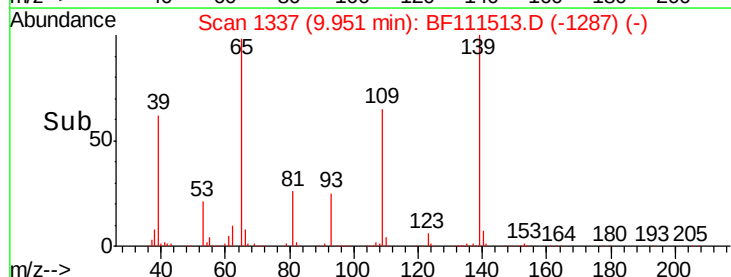
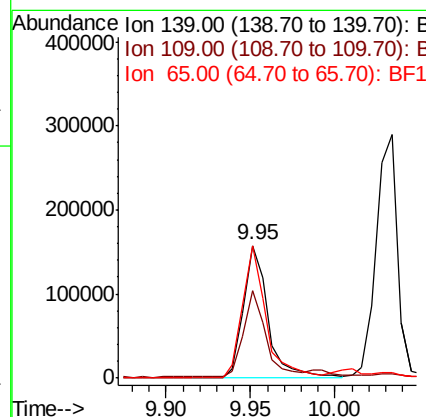
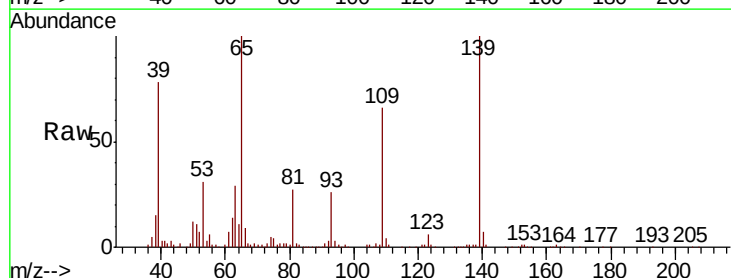
RT: 9.95 min Scan# 1337

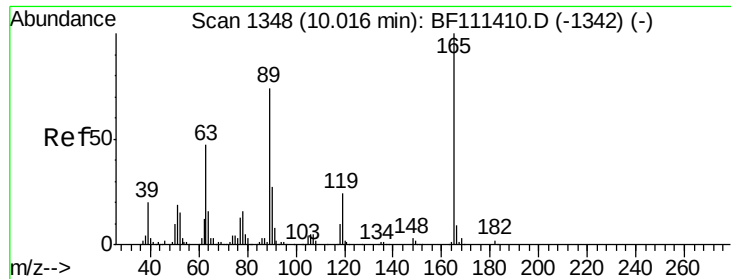
Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Tgt Ion:	139	Resp:	161158
Ion Ratio	Lower	Upper	
139	100		
109	65.9	41.8	81.8
65	99.8	79.6	119.6





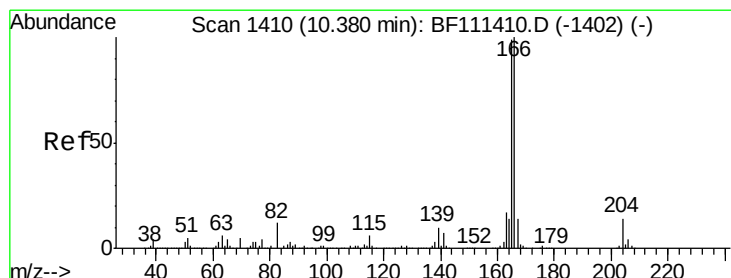
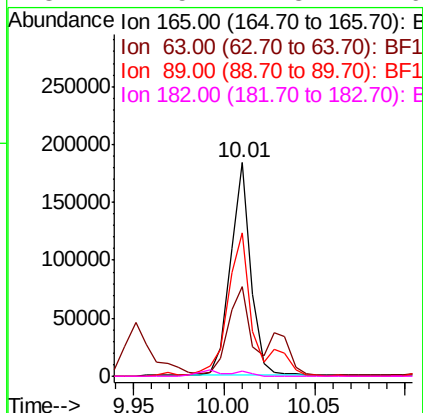
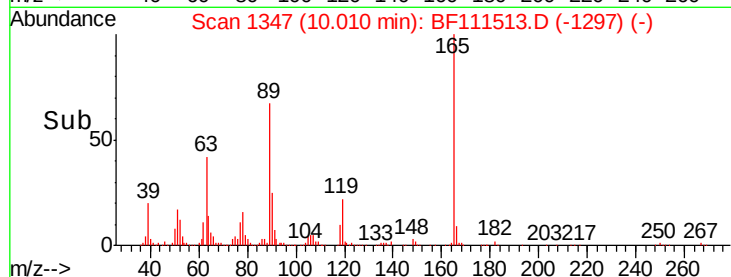
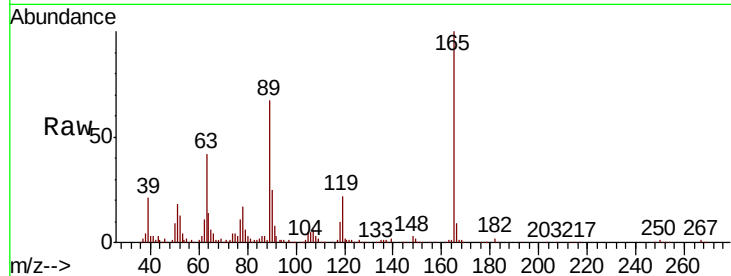
#57
2,4-Dinitrotoluene
Concen: 28.730 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		144214		
63	42.1	34.6	52.0		
89	67.3	56.2	84.4		
182	2.5	1.8	2.6		

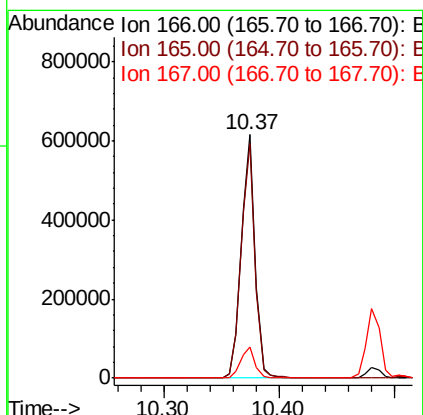
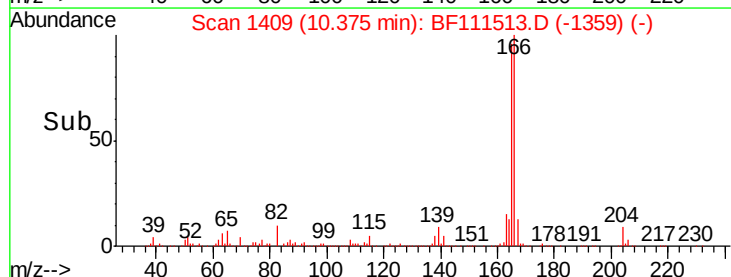
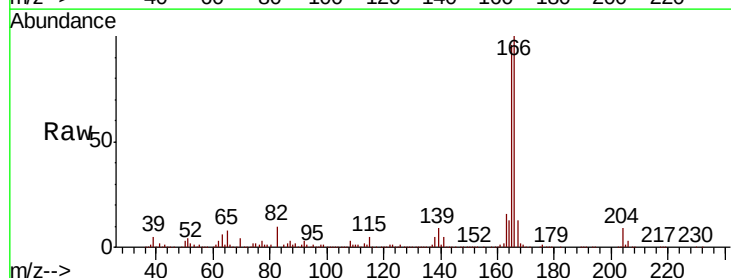
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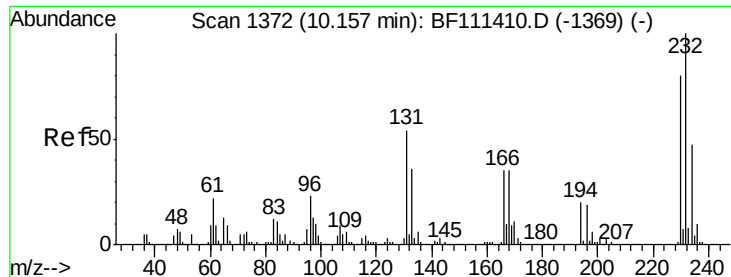
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#58
Fluorene
Concen: 33.888 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		508611		
165	96.3	78.4	117.6		
167	13.0	11.2	16.8		





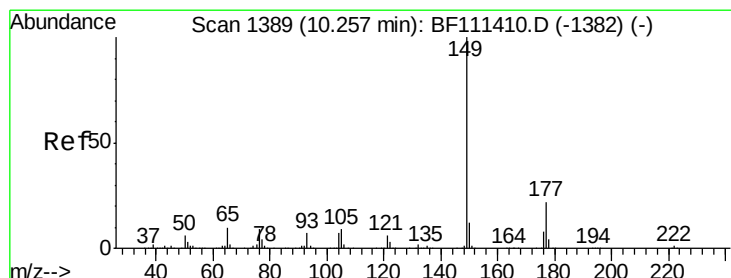
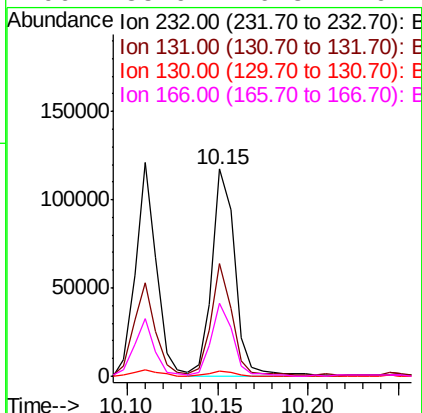
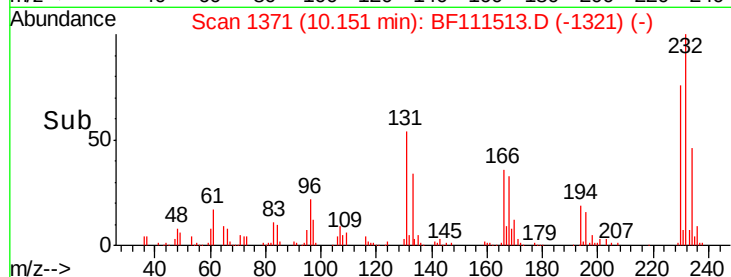
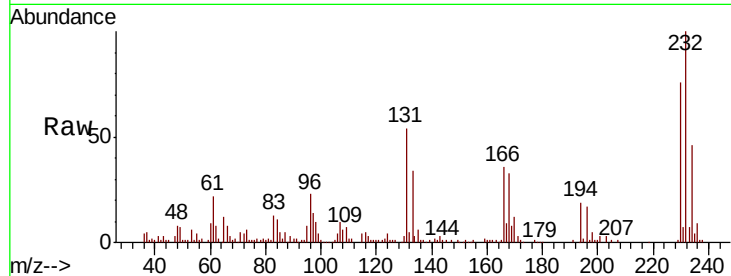
#59
2,3,4,6-Tetrachlorophenol
Concen: 27.144 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	103340		
131	49.3	40.9	61.3	
130	2.8	2.0	3.0	
166	33.9	26.8	40.2	

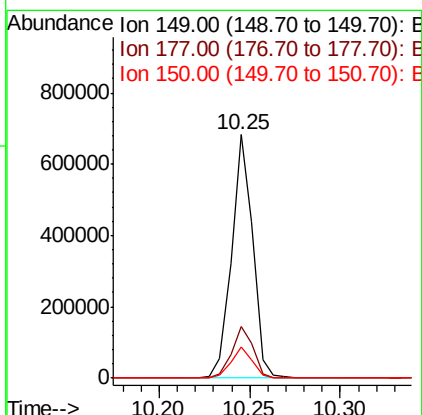
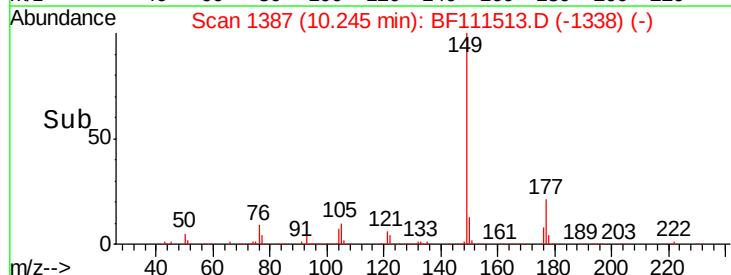
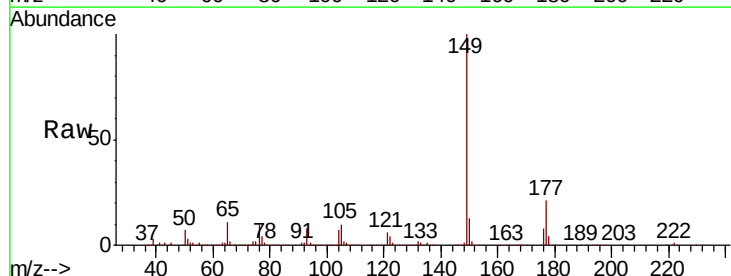
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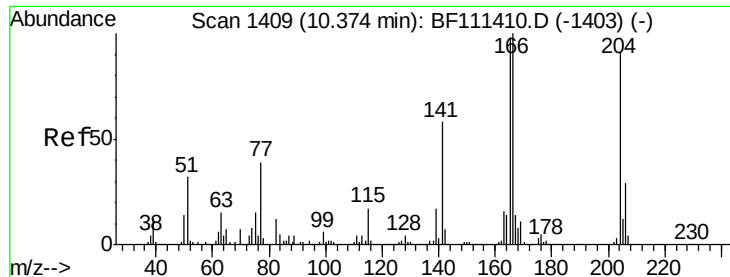
Sohil
12/17/2018 11:19:48 AM



#60
Diethylphthalate
Concen: 32.048 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	551563		
177	21.0	18.3	27.5	
150	12.8	10.6	15.8	





#61

4-Chlorophenyl-phenylether

Concen: 31.384 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

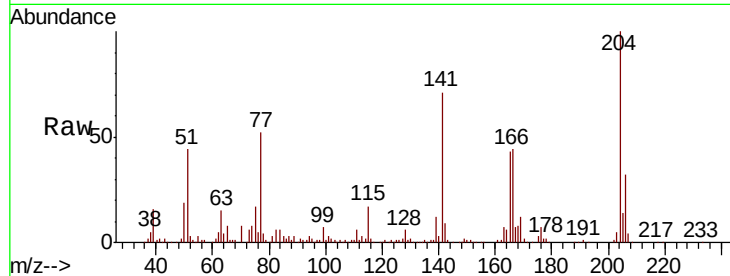
ClientSampleId :

P001-SS015-0612-01MS

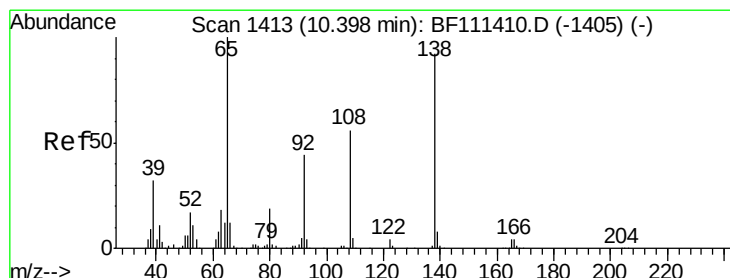
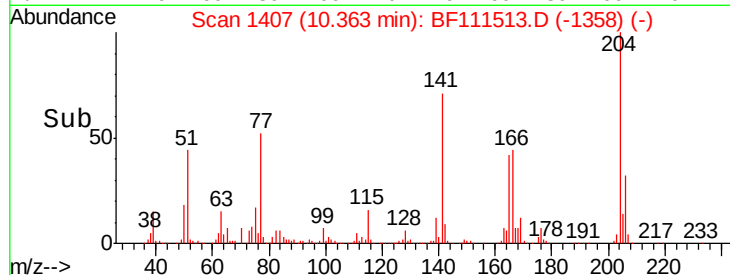
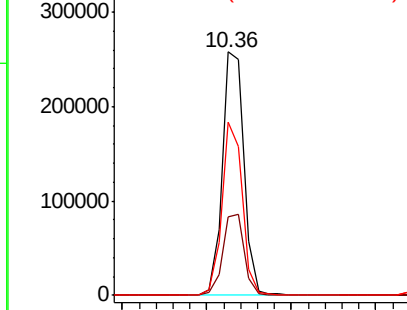
Tot Ion:	204	Resp:	230457
Ion Ratio	Lower	Upper	
204	100		
206	32.1	26.6	39.8
141	71.1	52.6	78.8

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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 18.327 ng

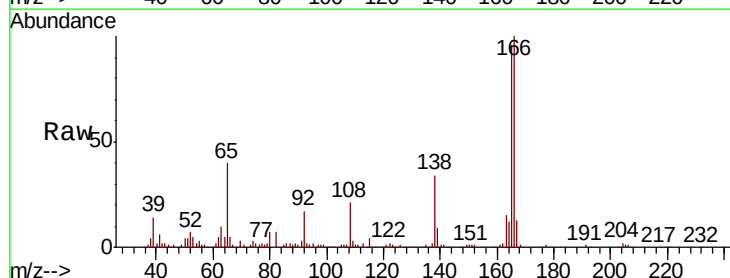
RT: 10.38 min Scan# 1410

Delta R.T. -0.02 min

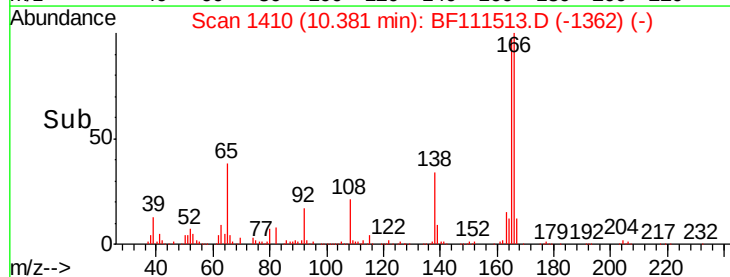
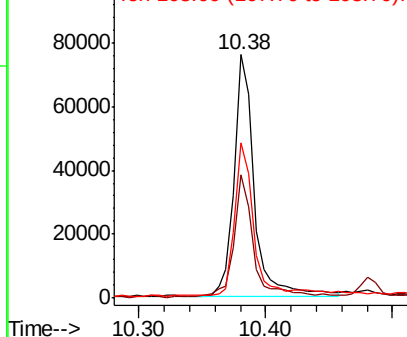
Lab File: BF111513.D

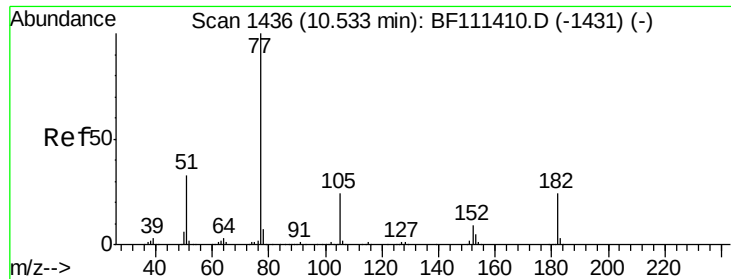
Acq: 16 Dec 2018 17:24

Tgt Ion:	138	Resp:	84278
Ion Ratio	Lower	Upper	
138	100		
92	50.7	29.9	69.9
108	63.9	43.2	83.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 28.895 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

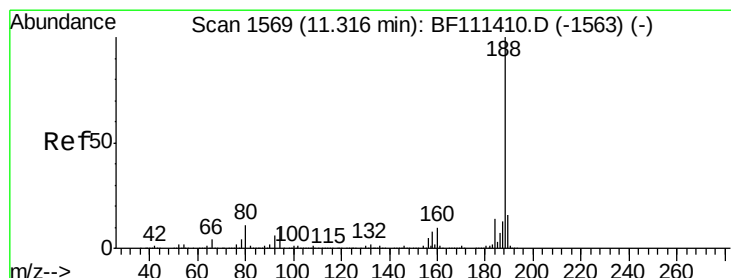
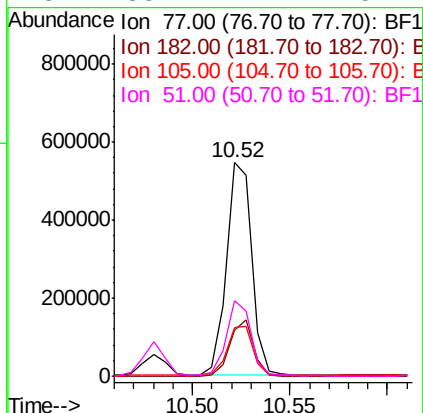
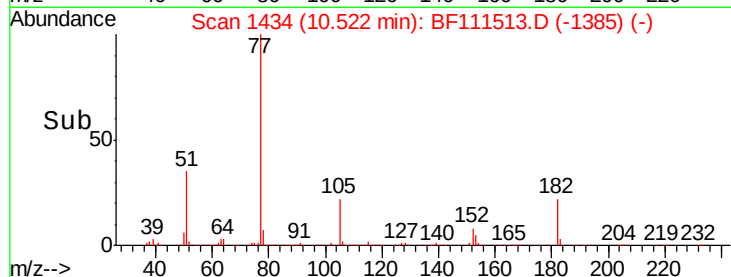
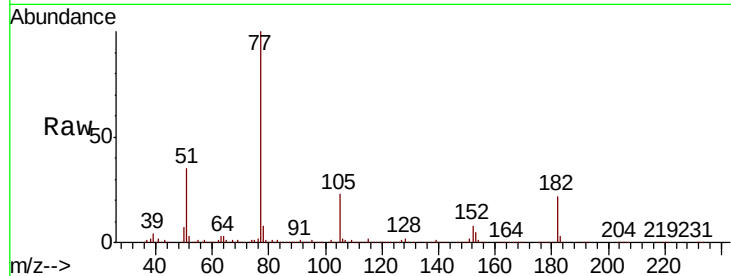
ClientSampleId :

P001-SS015-0612-01MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.9	4.9	44.9	
105	22.7	6.0	46.0	
51	35.1	14.7	54.7	

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#64

Phenanthrene-d10

Concen: 20.000 ng

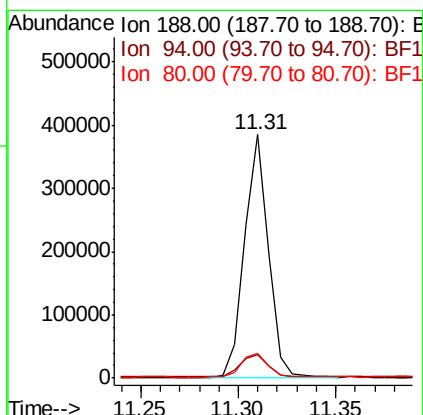
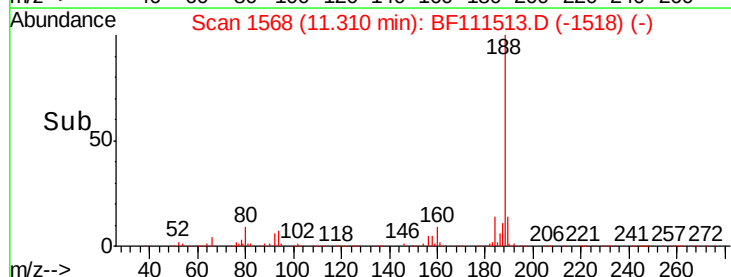
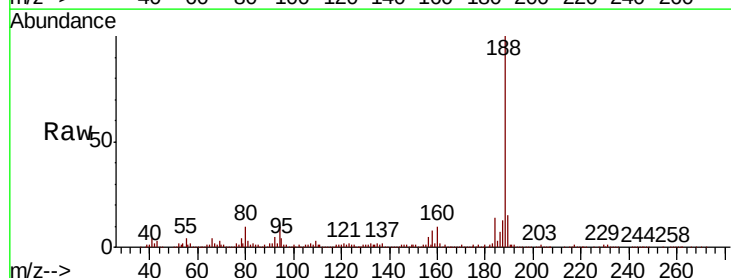
RT: 11.31 min Scan# 1568

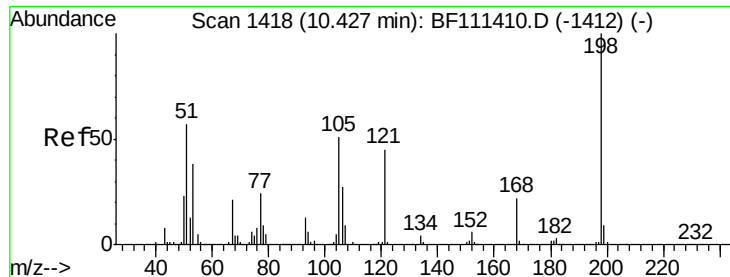
Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	9.6	14.4	
80	10.0	9.8	14.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 2.828 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

Tot Ion:198 Resp: 5206

Ion Ratio Lower Upper

198 100

51 92.6 48.0 88.0#

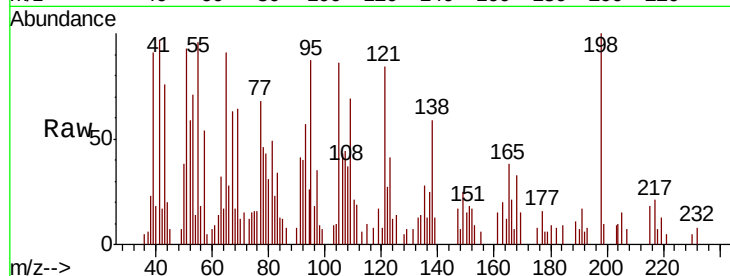
105 86.2 34.0 74.0#

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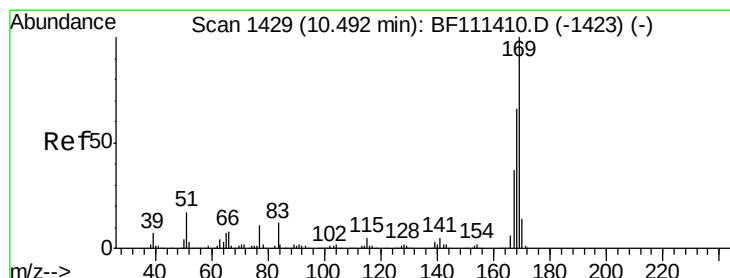
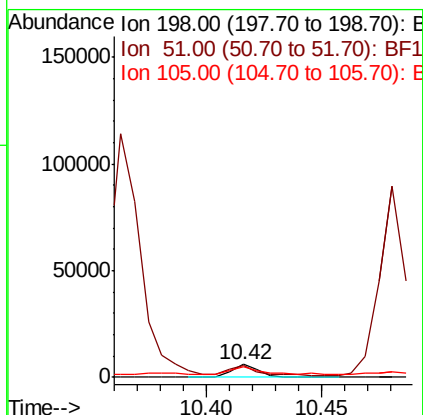
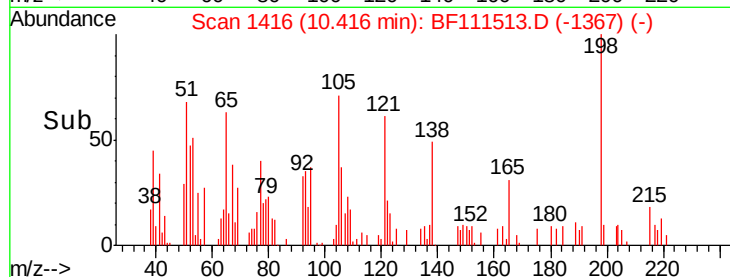
12/17/2018 11:19:48 AM



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: 37.947 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

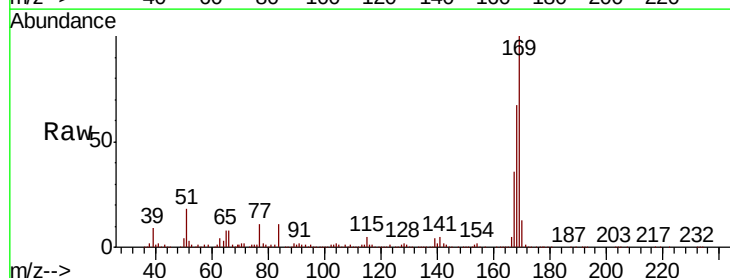
Tgt Ion:169 Resp: 426699

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

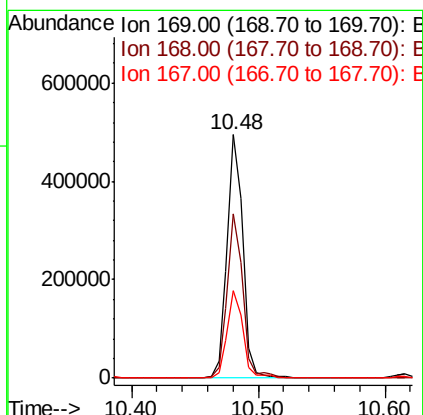
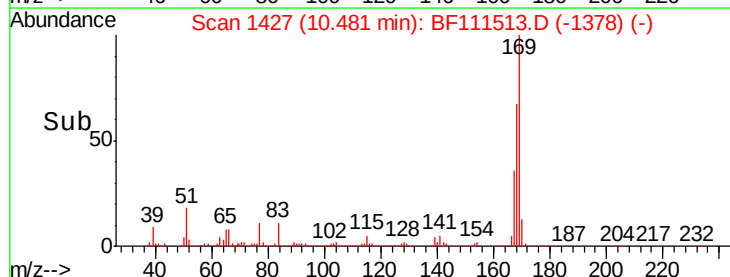
167 35.7 30.5 45.7

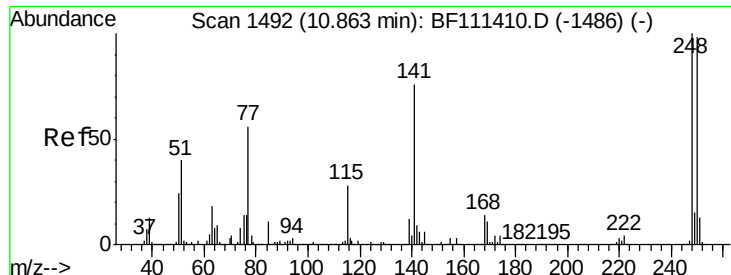


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





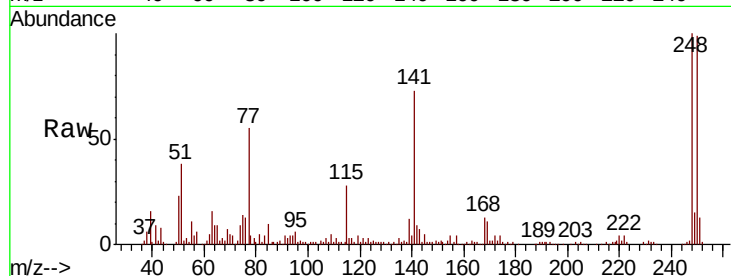
#67
4-Bromophenyl-phenylether
Concen: 35.907 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.0	115.4
141	73.4	63.0	94.6

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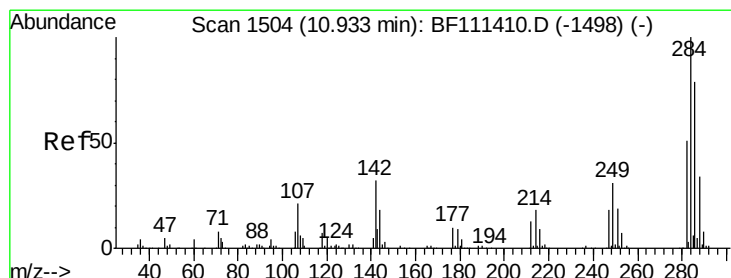
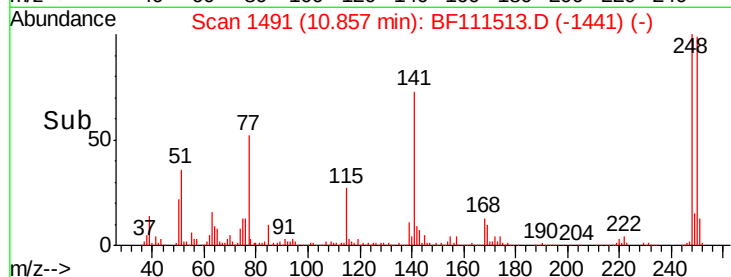
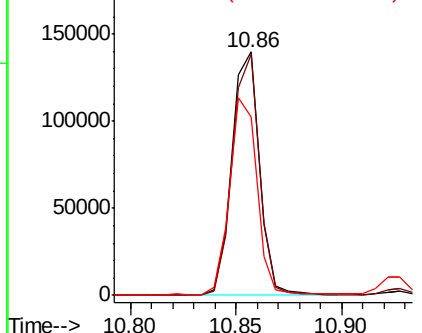


Abundance

Ion 248.00 (247.70 to 248.70): E

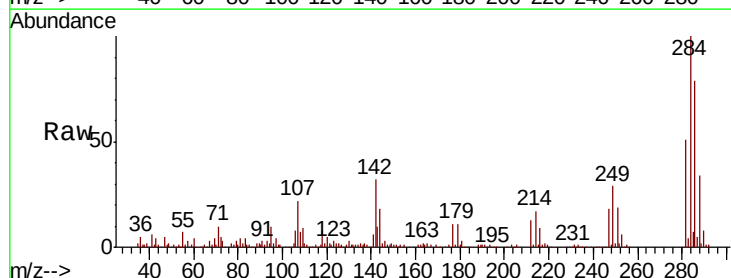
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.220 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	27.4	41.2
249	29.4	24.4	36.6

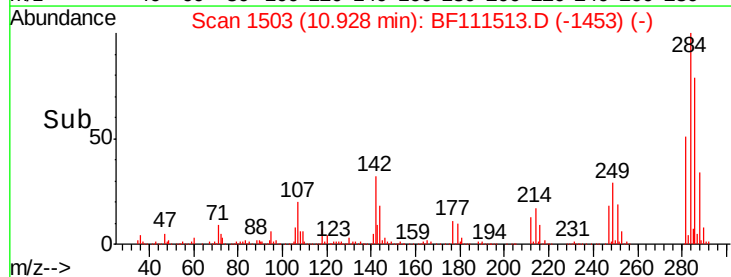
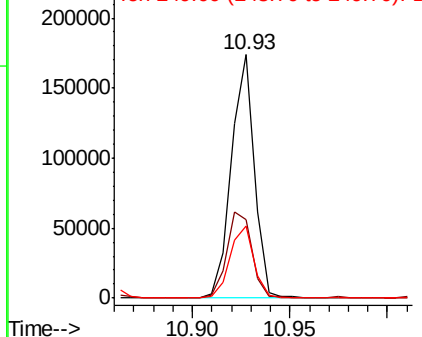


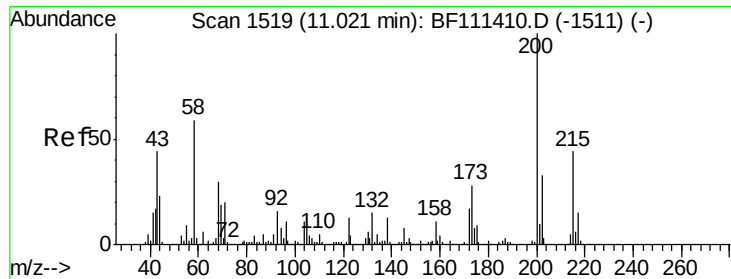
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





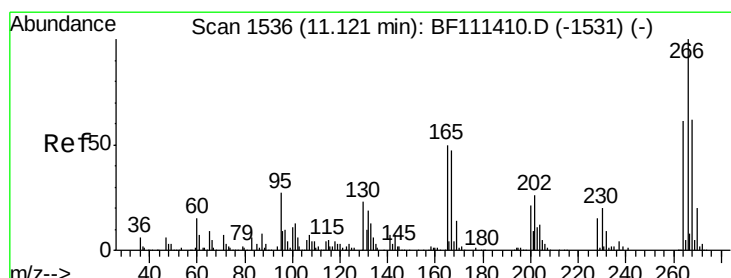
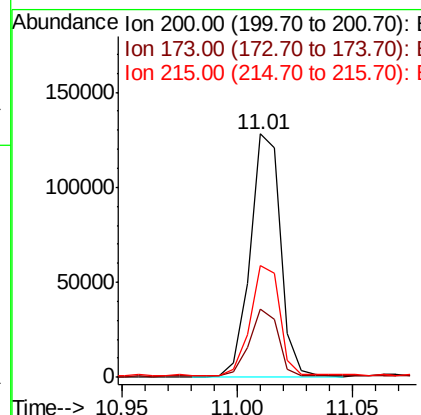
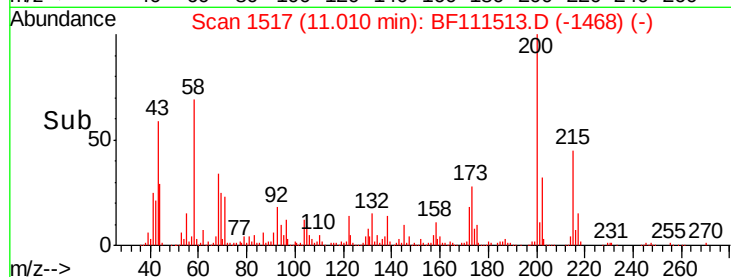
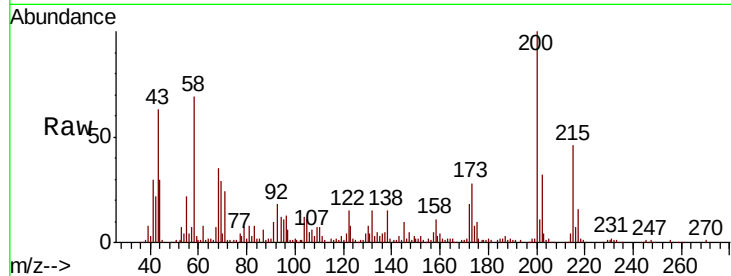
#69
 Atrazine
 Concen: 36.549 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Tot Ion:	200	Resp:	118772
Ion Ratio	Lower	Upper	
200	100		
173	28.1	10.1	50.1
215	45.8	26.9	66.9

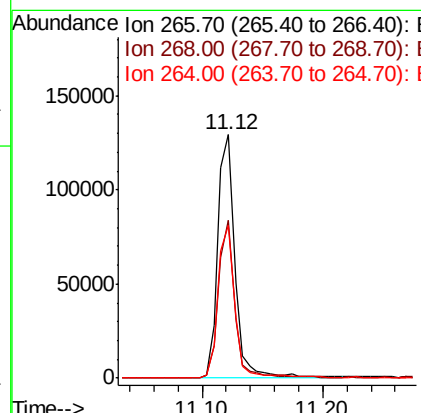
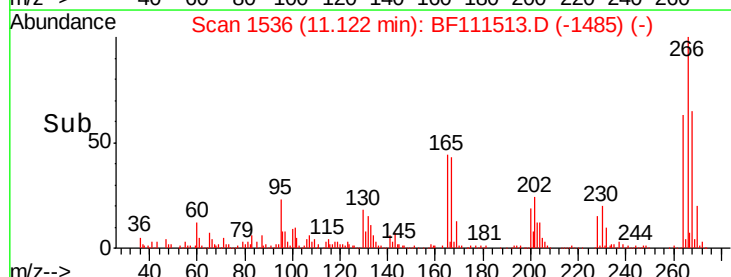
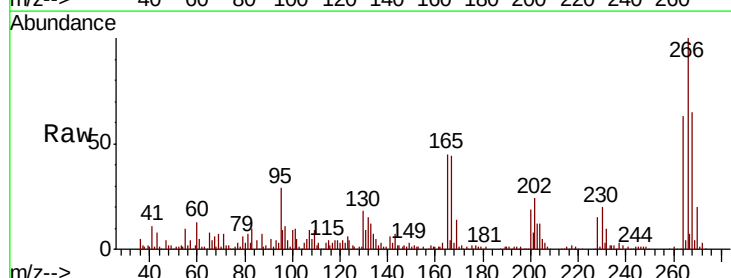
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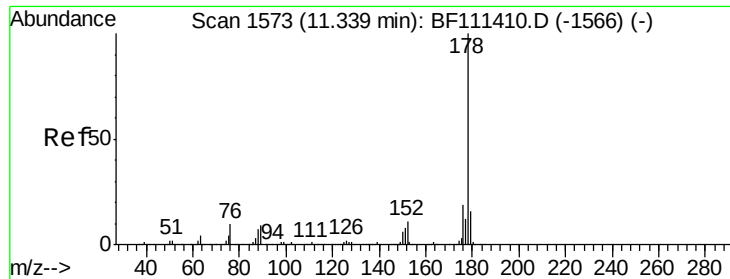
Sohil
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#70
 Pentachlorophenol
 Concen: 57.298 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion:	266	Resp:	127049
Ion Ratio	Lower	Upper	
266	100		
268	65.1	47.9	71.9
264	63.0	49.1	73.7





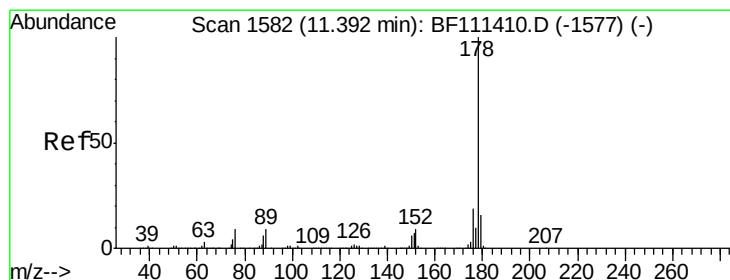
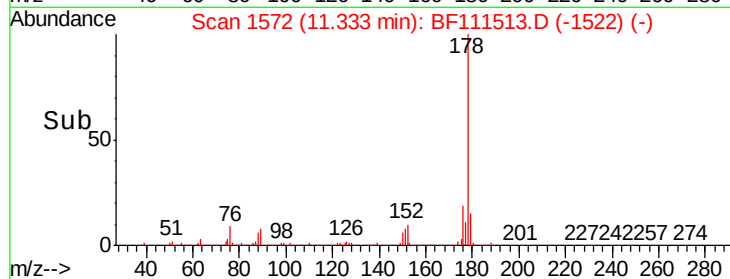
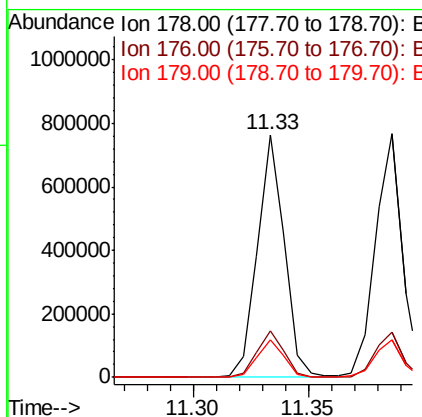
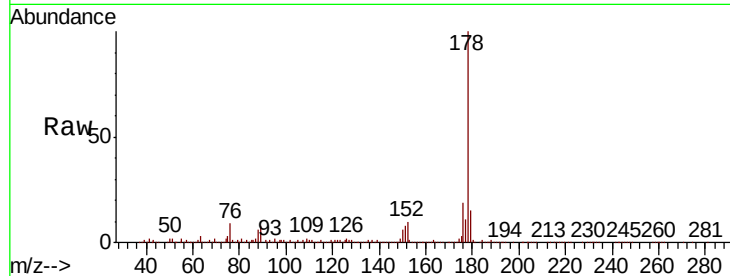
#71
Phenanthrene
Concen: 37.042 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	18.1	27.1
179	15.4	14.0	21.0

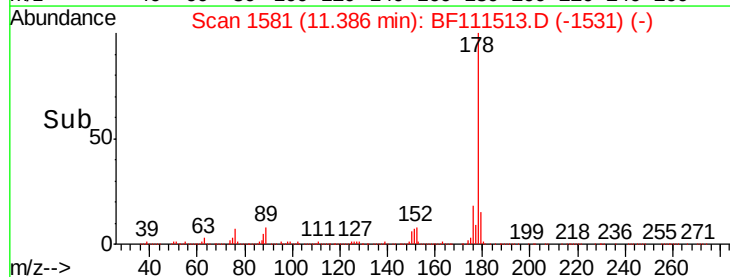
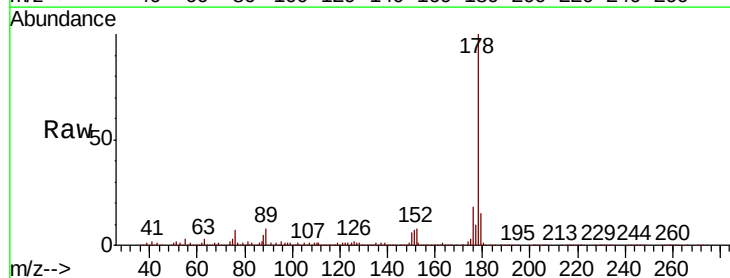
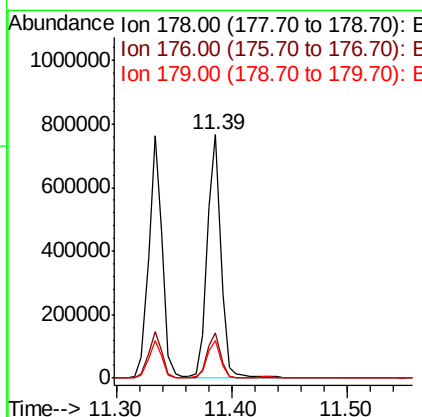
Manual Integrations
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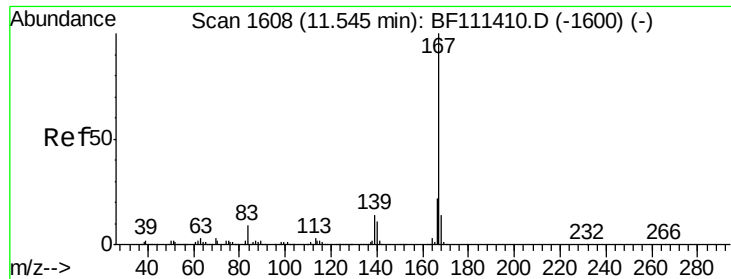
Sohil
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#72
Anthracene
Concen: 36.695 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	17.2	25.8
179	15.2	13.8	20.8





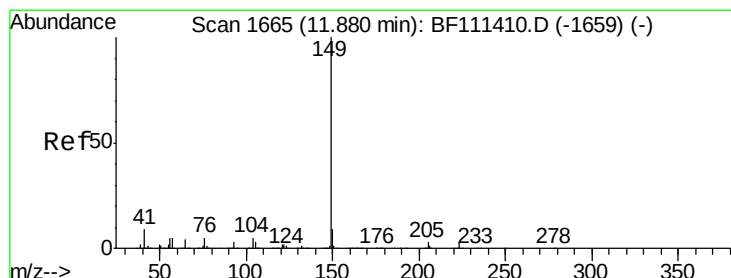
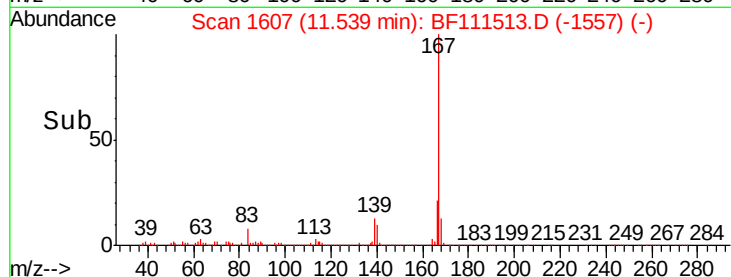
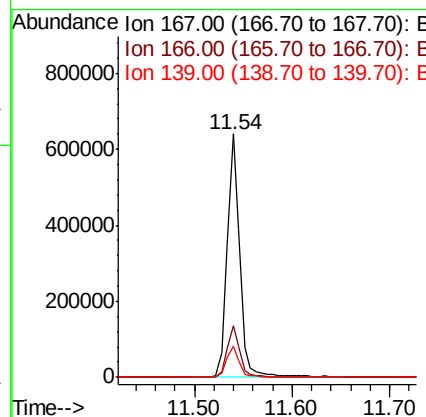
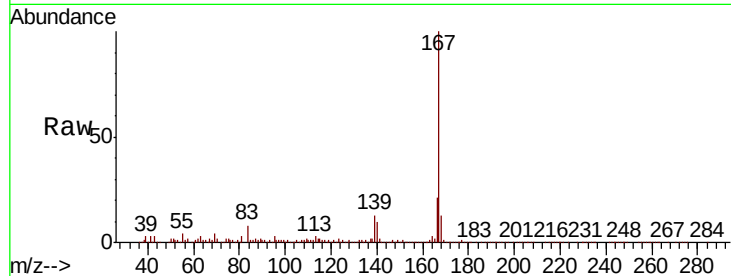
#73
 Carbazole
 Concen: 32.093 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	19.3	28.9
139	12.9	11.9	17.9

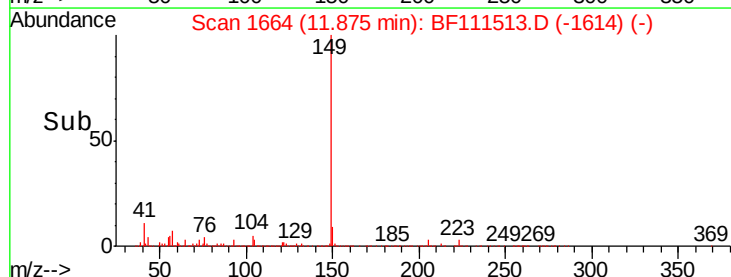
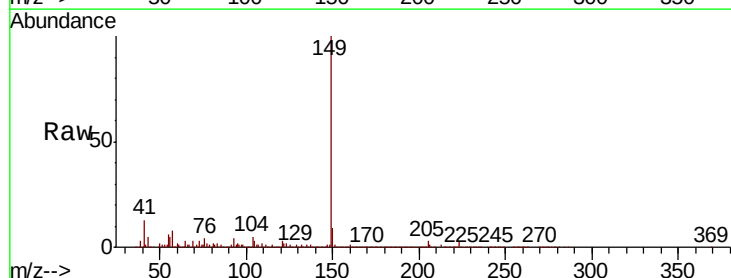
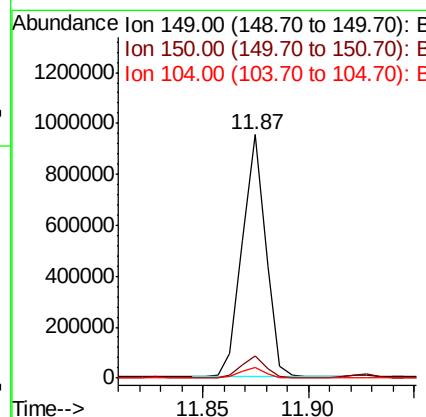
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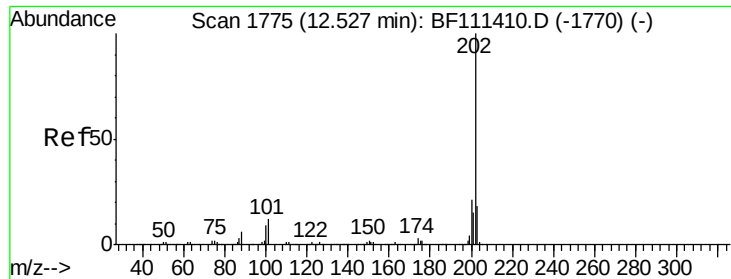
Sohil
 12/17/2018 11:19:48 AM



#74
 Di-n-butylphthalate
 Concen: 36.620 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.8	13.2
104	4.6	4.5	6.7





#75

Fluoranthene

Concen: 52.060 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

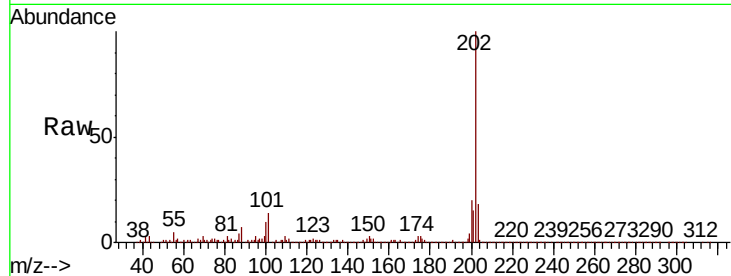
ClientSampleId :

P001-SS015-0612-01MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	855728		
101	14.0	0.0	33.8	
203	17.9	0.0	38.6	

Manual Integrations
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Sohil
12/17/2018 11:19:48 AM

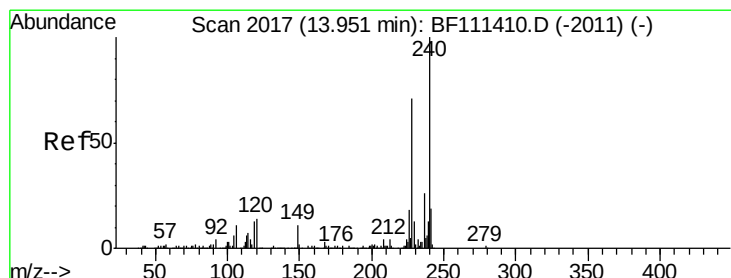
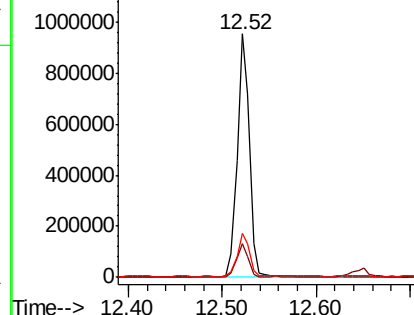
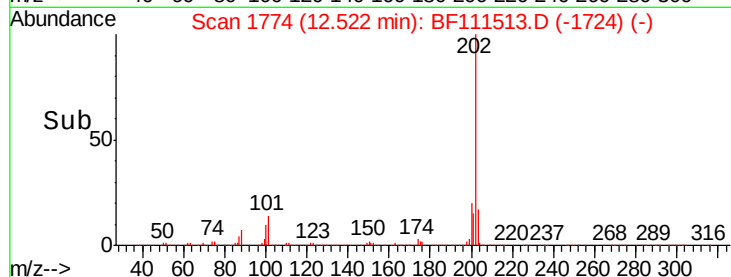


Abundance

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

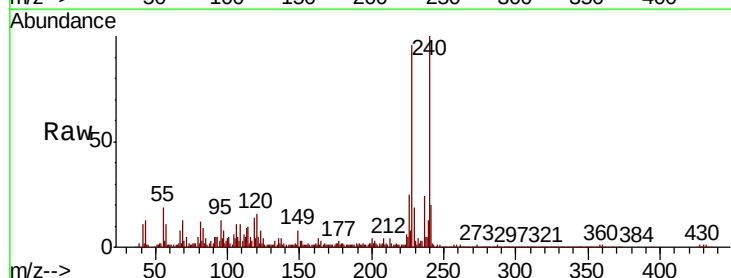
RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	397032		
120	16.1	12.2	18.2	
236	24.2	20.2	30.2	

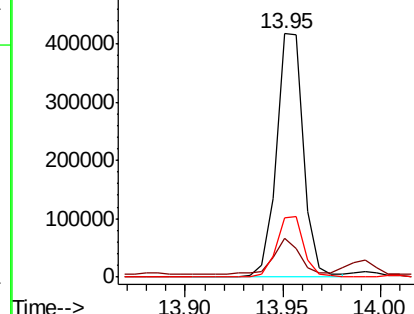
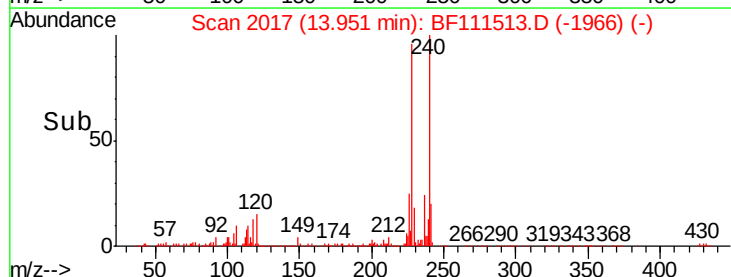


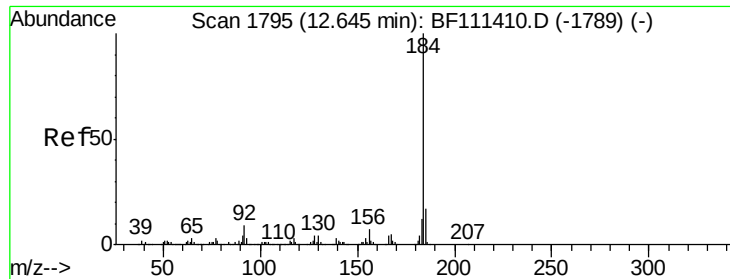
Abundance

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

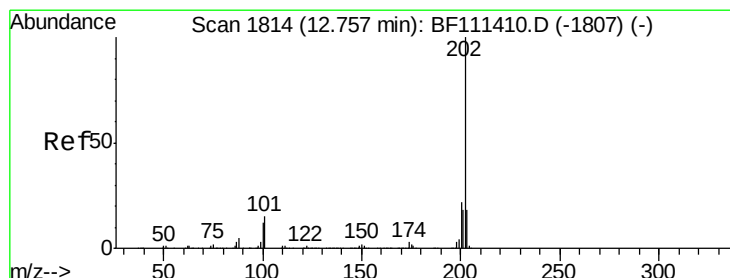
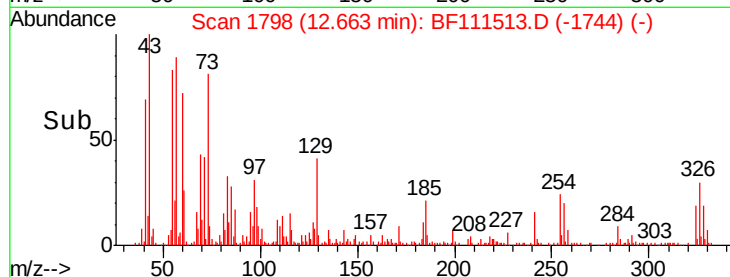
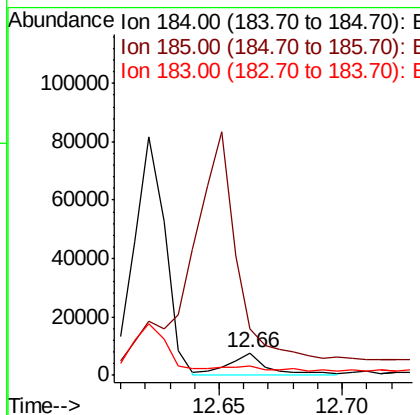
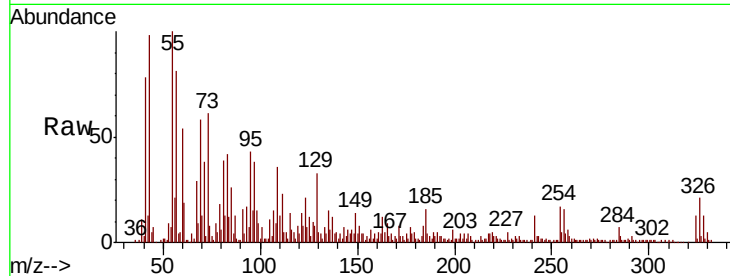
Concen: 0.593 ng/mL
 RT: 12.66 min Scan# 1798
 Delta R.T. 0.02 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	208.3	13.0	19.6#
183	41.9	9.3	13.9#

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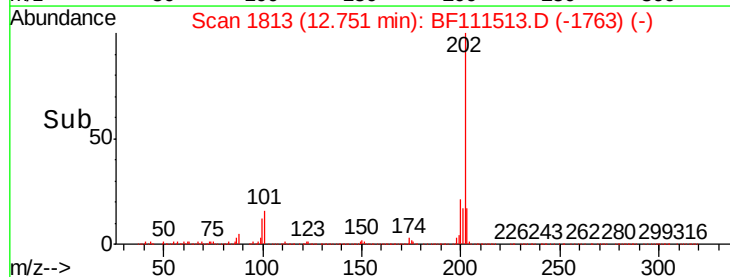
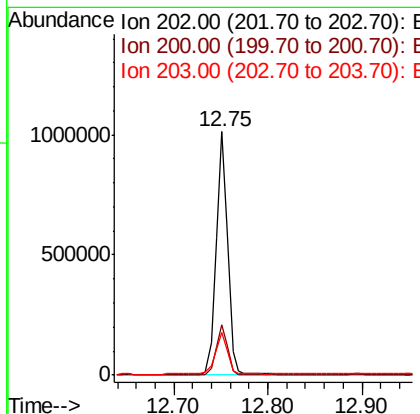
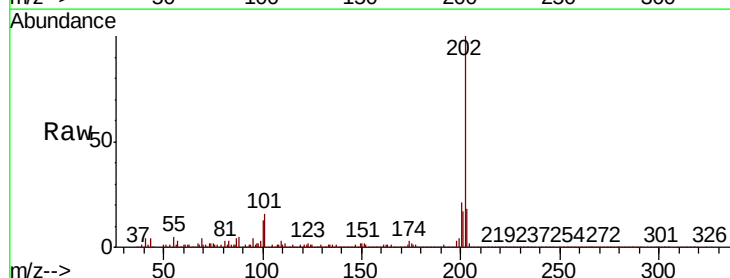


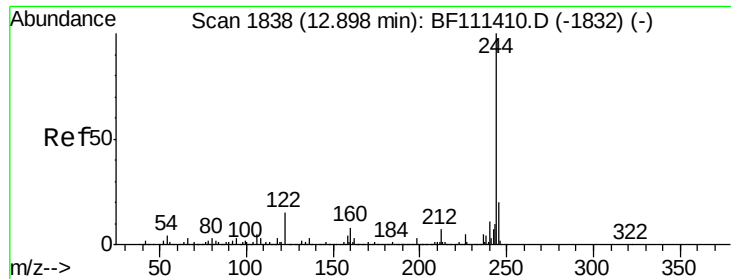
#78

Pyrene

Concen: 31.543 ng/mL
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	19.0	28.4
203	17.8	15.2	22.8





#79

Terphenyl-d14

Concen: 56.697 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

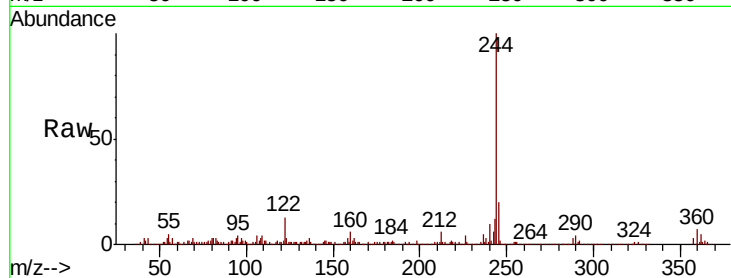
ClientSampleId :

P001-SS015-0612-01MS

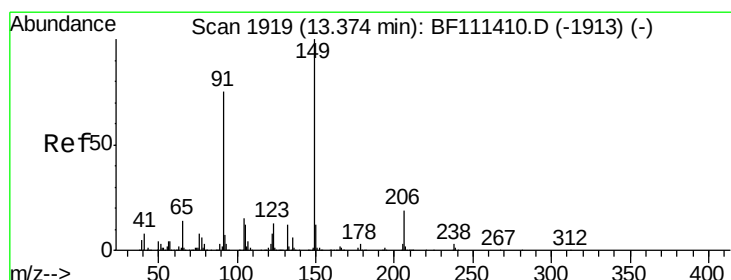
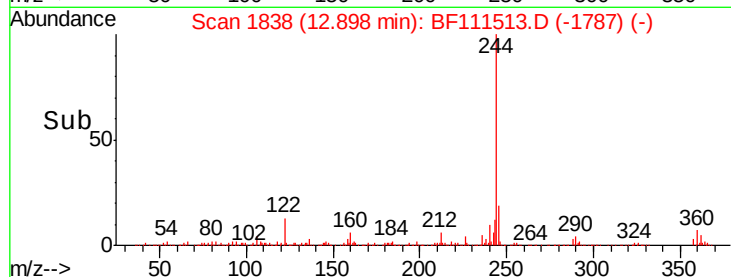
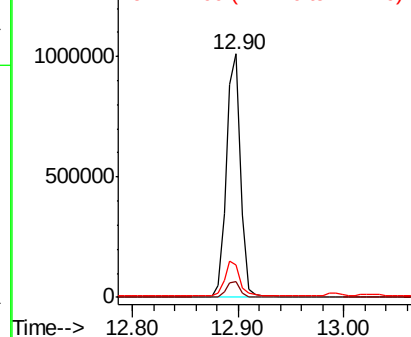
Tot Ion:	244	Resp:	958618
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.7	8.5
122	13.4	13.1	19.7

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 27.722 ng

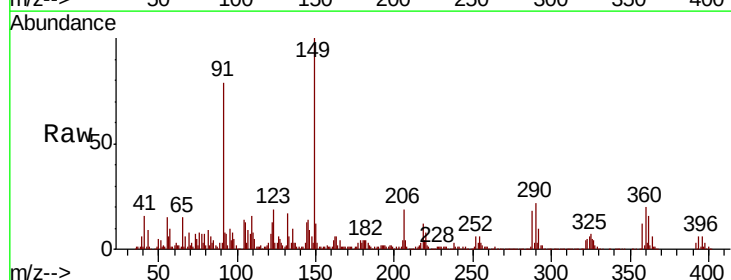
RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

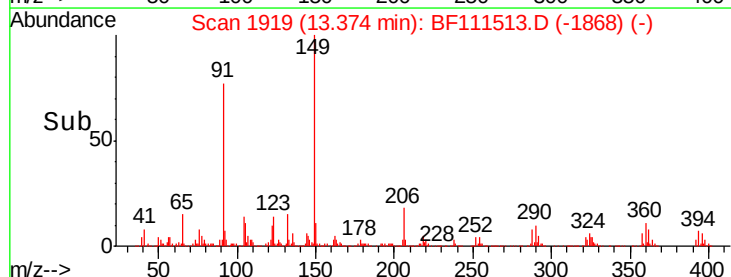
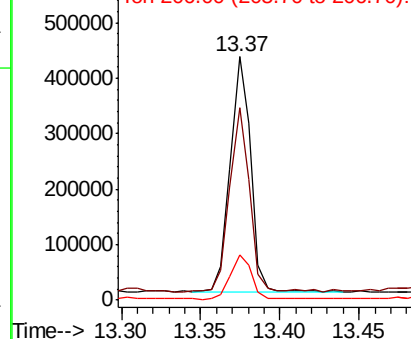
Lab File: BF111513.D

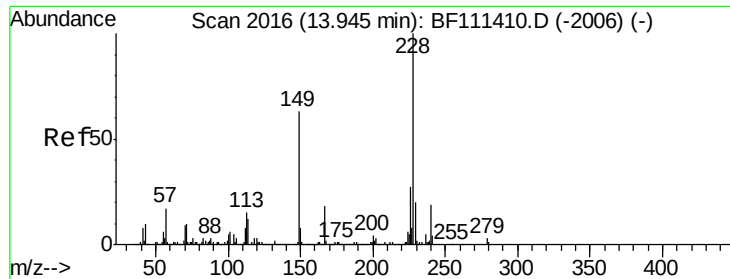
Acq: 16 Dec 2018 17:24

Tgt Ion:	149	Resp:	378240
Ion Ratio	Lower	Upper	
149	100		
91	79.2	63.8	95.6
206	18.6	15.1	22.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





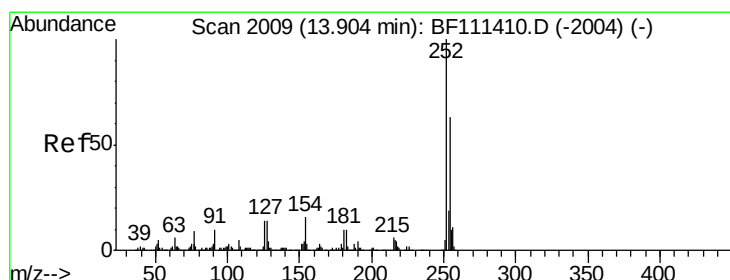
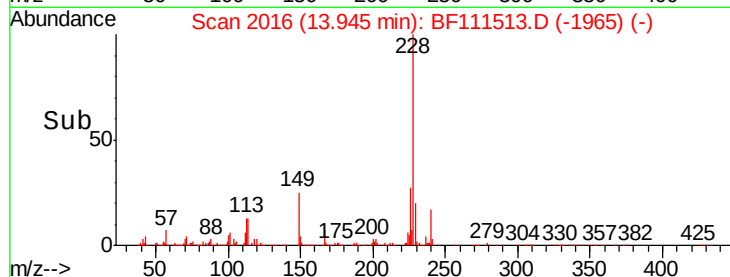
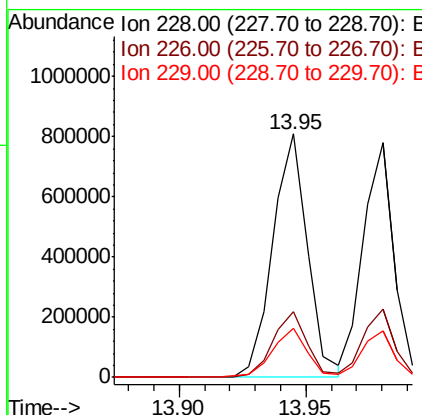
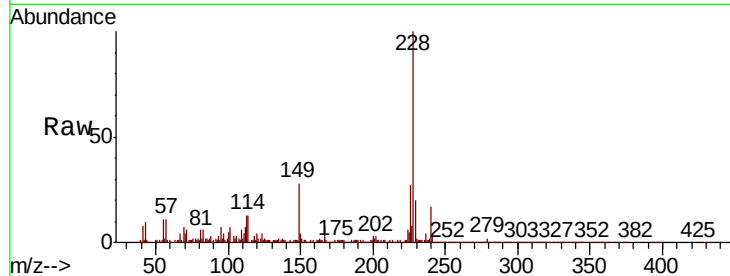
#81
Benzo(a)anthracene
Concen: 35.390 ng
RT: 13.95 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	34.0
229	20.1	16.3	24.5

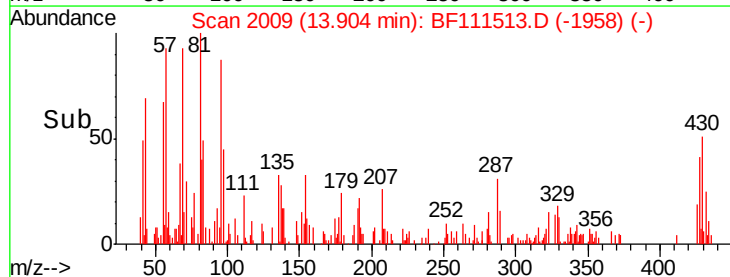
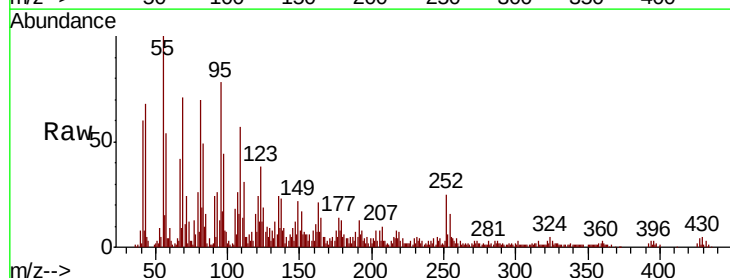
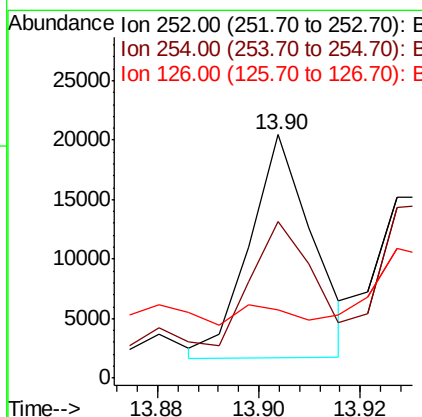
Manual Integrations
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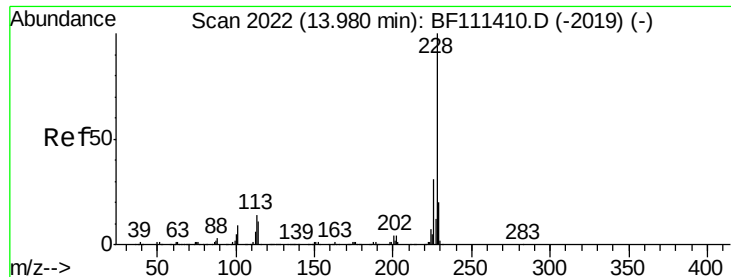
Sohil
12/17/2018 11:19:48 AM



#82
3,3'-Dichlorobenzidine
Concen: 1.836 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.7	79.1
126	27.8	11.1	16.7





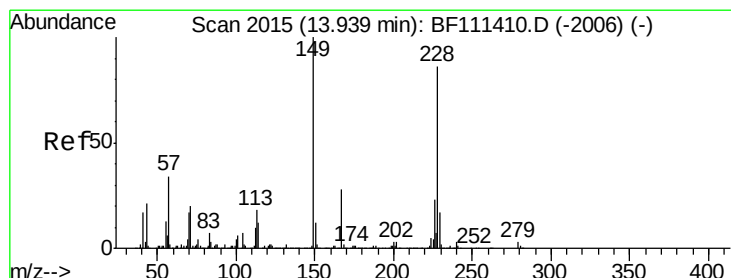
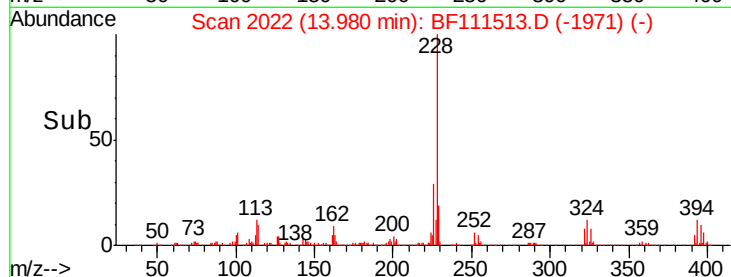
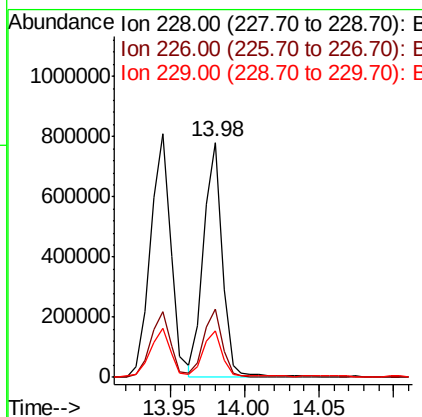
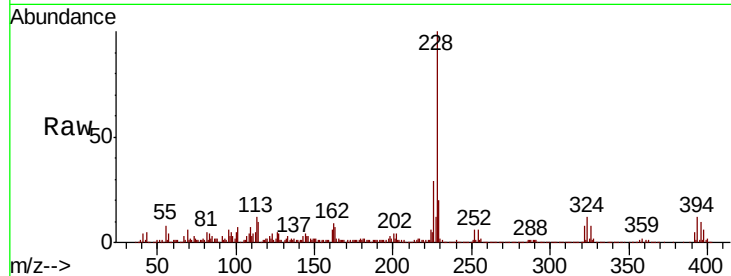
#83
Chrysene
Concen: 29.452 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.3	37.9
229	19.6	17.2	25.8

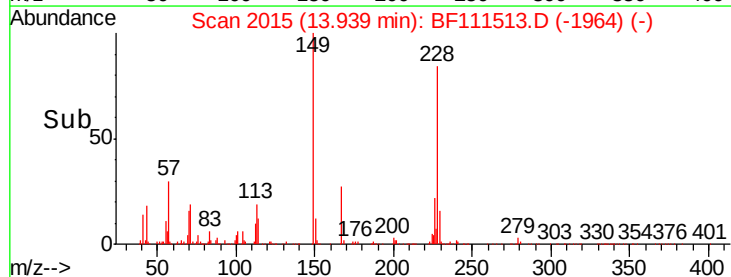
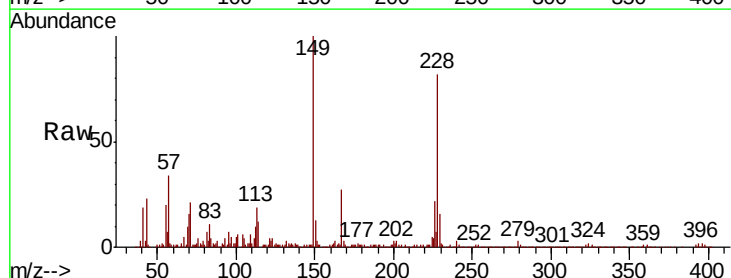
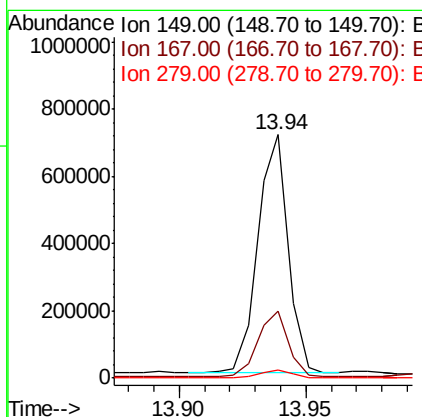
Manual Integrations
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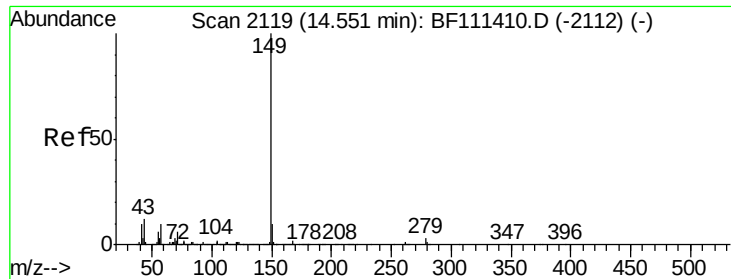
Sohil
12/17/2018 11:19:48 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 33.450 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.5	33.7
279	3.4	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 35.748 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

Tot Ion:149 Resp: 1050824

Ion Ratio Lower Upper

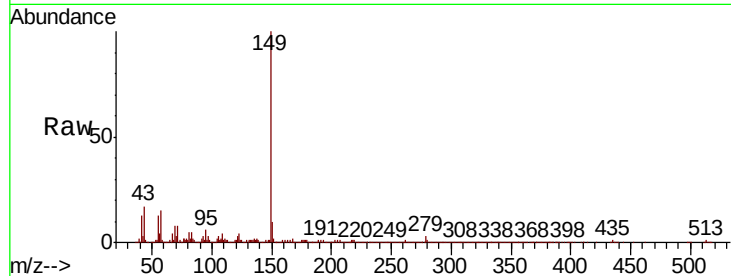
149 100

167 1.6 1.3 1.9

43 11.5 10.9 16.3

Manual Integrations
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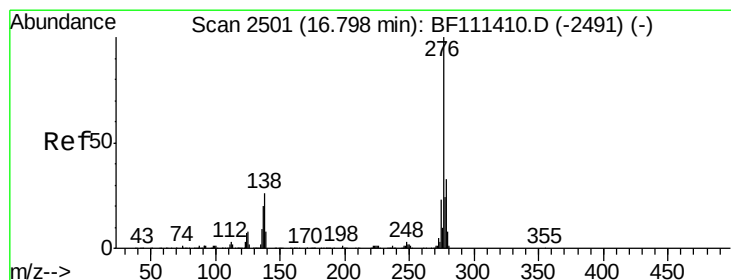
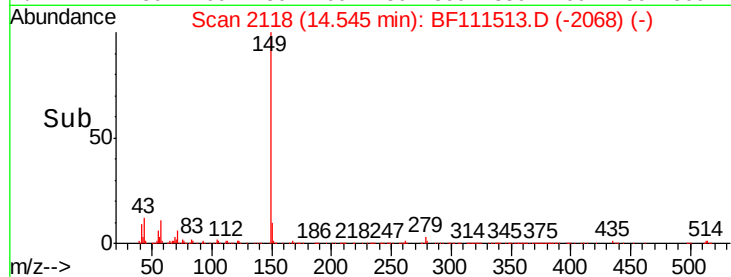
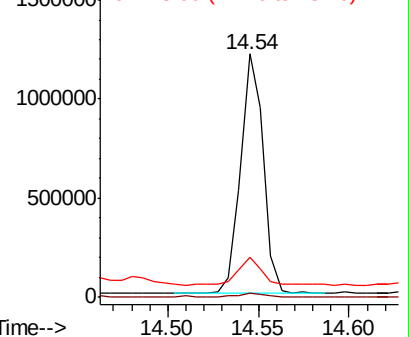
Sohil
12/17/2018 11:19:48 AM



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: 29.938 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

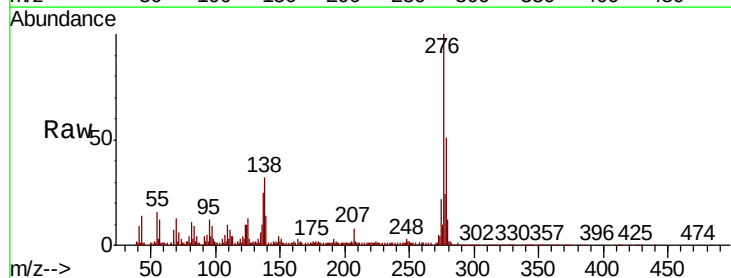
Tgt Ion:276 Resp: 491391

Ion Ratio Lower Upper

276 100

138 32.3 27.8 41.6

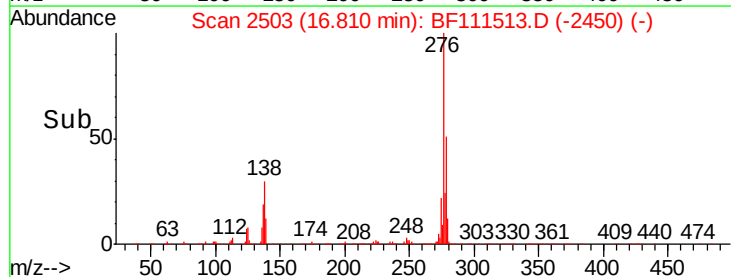
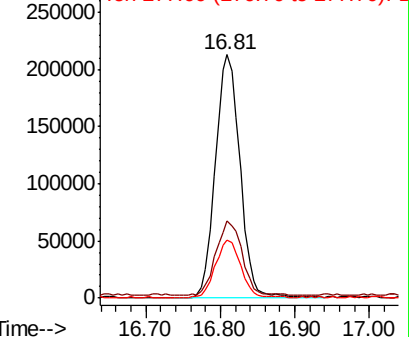
277 24.2 20.1 30.1

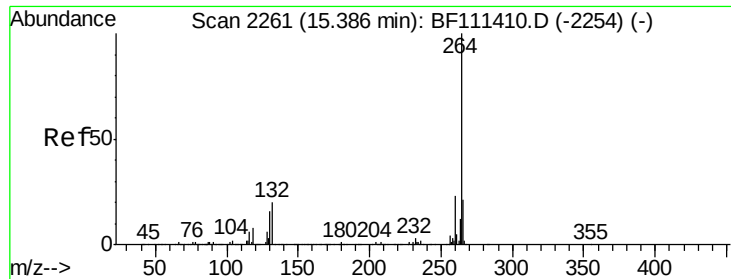


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





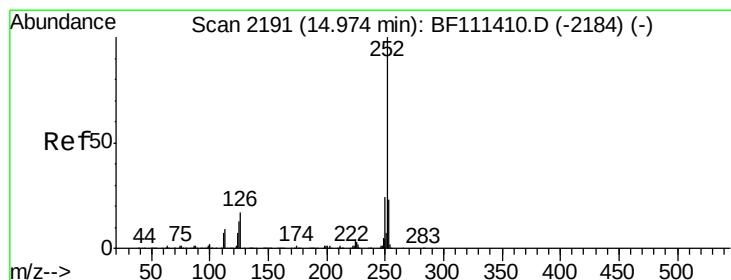
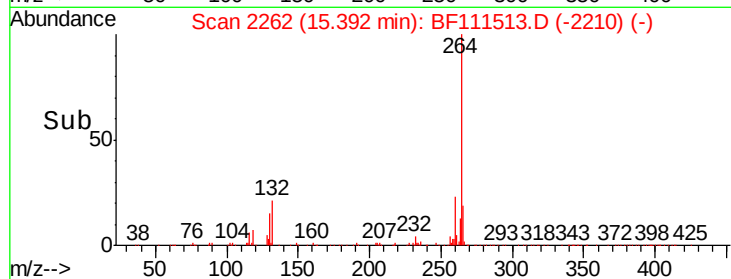
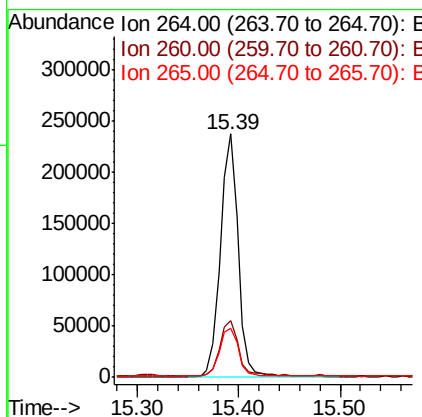
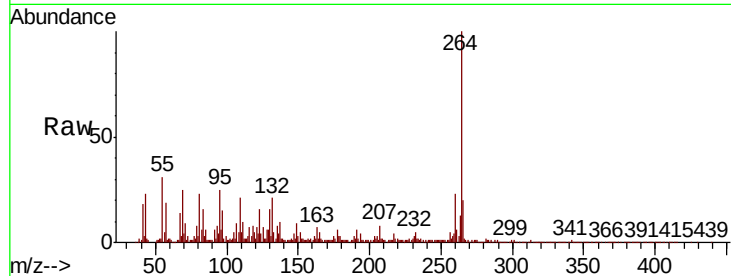
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	20.0	17.7	26.5

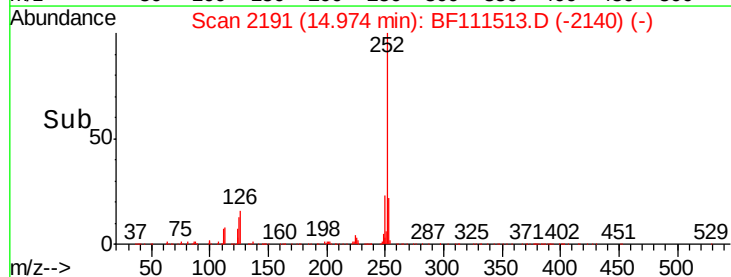
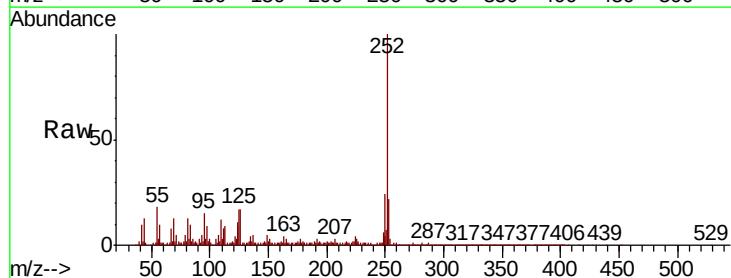
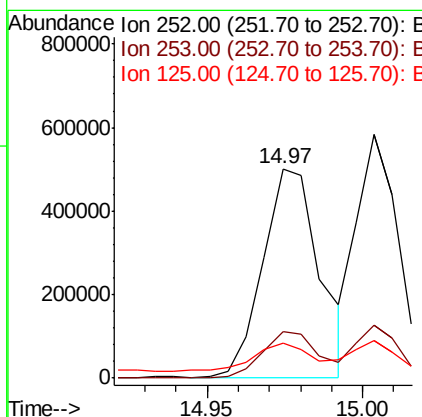
Manual Integrations
APPROVED

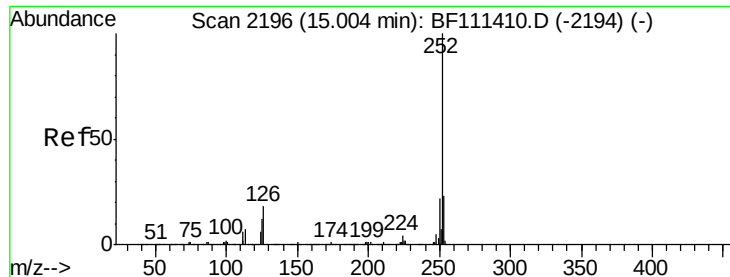
Sohil
12/17/2018 11:19:48 AM



#88
Benzo(b)fluoranthene
Concen: 38.189 ng m
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	16.8	10.4	15.6





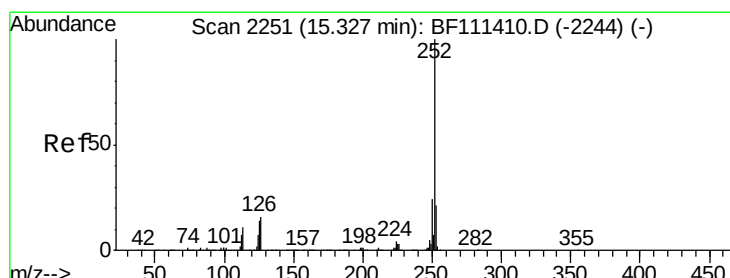
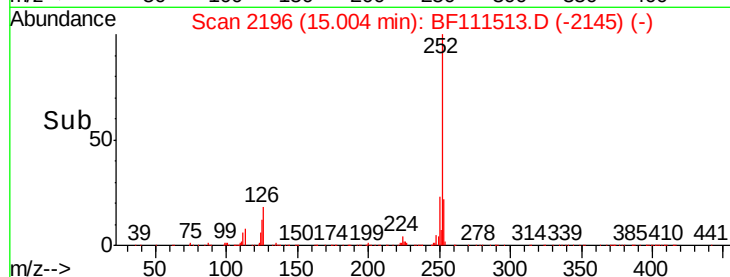
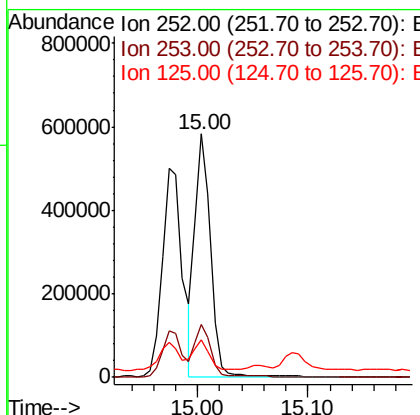
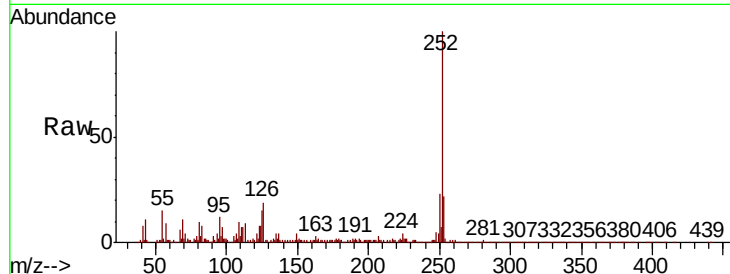
#89
Benzo(k)fluoranthene
Concen: 35.010 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	15.3	9.8	14.8

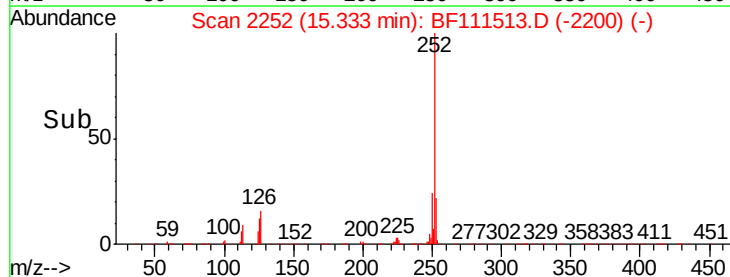
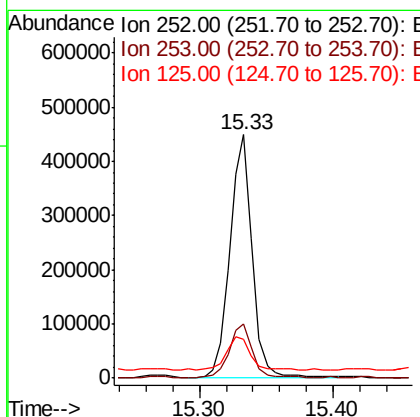
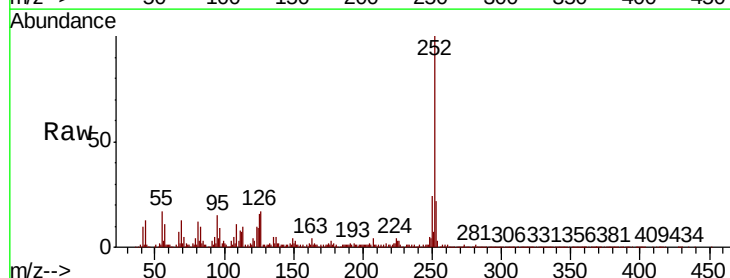
Manual Integrations
APPROVED

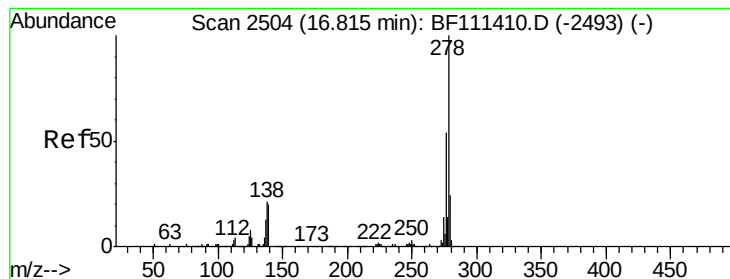
Sohil
12/17/2018 11:19:48 AM



#90
Benzo(a)pyrene
Concen: 34.504 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	15.8	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 34.929 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

Tot Ion:278 Resp: 415960

Ion Ratio Lower Upper

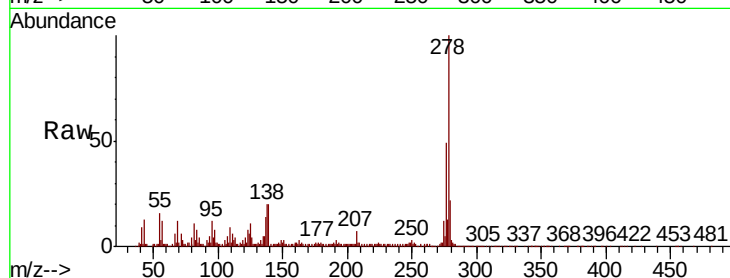
278 100

139 20.4 18.2 27.4

279 22.1 19.0 28.6

Manual Integrations
APPROVED

Sohil
12/17/2018 11:19:48 AM

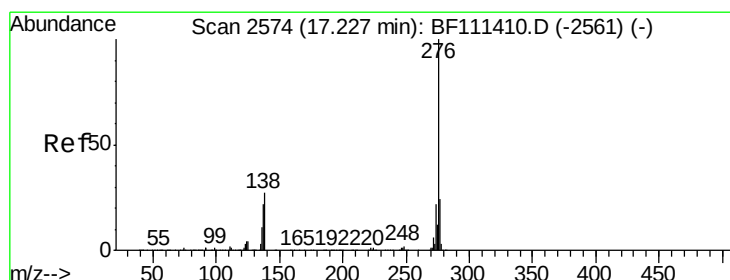
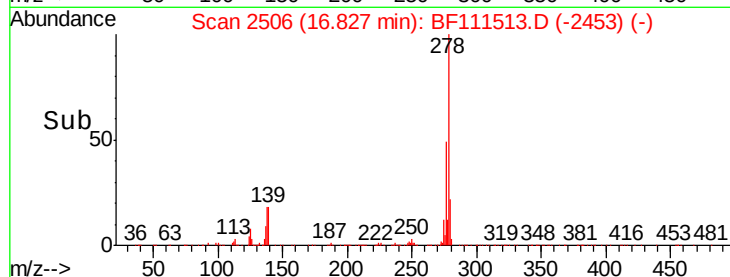
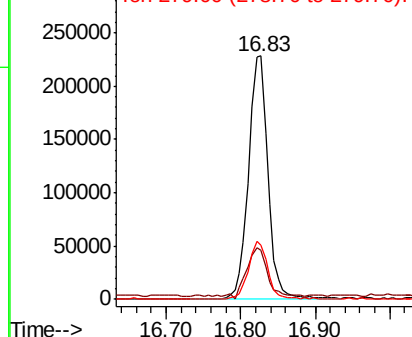


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 33.746 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

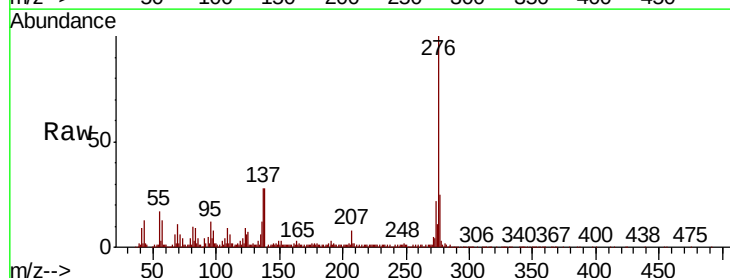
Tgt Ion:276 Resp: 394471

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 27.7 24.9 37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

