

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110404.D
 Acq On : 2 Nov 2018 11:41
 Operator : JU/SJ
 Sample : PB114382BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:29 AM

Quant Time: Nov 05 00:46:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	68642	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	289344	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	135269	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	244503	20.00	ng	0.00
76) Chrysene-d12	14.13	240	146561	20.00	ng	0.00
87) Perylene-d12	15.66	264	146398	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	643049	152.56	ng	0.02
7) Phenol-d6	6.59	99	794201	147.31	ng	0.00
23) Nitrobenzene-d5	7.52	82	399043	81.80	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	191130	142.64	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	773743	89.82	ng	0.00
79) Terphenyl-d14	13.07	244	638625	90.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	98435	44.572	ng	90
3) Pyridine	3.66	79	202866	41.242	ng	87
4) n-Nitrosodimethylamine	3.61	42	94536	45.873	ng	# 93
6) Aniline	6.62	93	232883	33.158	ng	# 53
8) 2-Chlorophenol	6.75	128	205510	42.288	ng	97
9) Benzaldehyde	6.51	77	147009	50.847	ng	98
10) Phenol	6.60	94	255892	44.401	ng	# 63
11) bis(2-Chloroethyl)ether	6.69	93	190885	40.259	ng	92
12) 1,3-Dichlorobenzene	6.90	146	221134	41.348	ng	97
13) 1,4-Dichlorobenzene	6.97	146	226198	41.820	ng	99
14) 1,2-Dichlorobenzene	7.13	146	209257	41.675	ng	97
15) Benzyl Alcohol	7.09	79	176128	42.474	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	310341	40.937	ng	69
17) 2-Methylphenol	7.20	107	166718	43.046	ng	# 82
18) Hexachloroethane	7.46	117	84865	42.855	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	140615	40.653	ng	93
20) 3+4-Methylphenols	7.35	107	208660	41.679	ng	92
22) Acetophenone	7.36	105	284666	42.697	ng	96
24) Nitrobenzene	7.54	77	209340	41.565	ng	94
25) Isophorone	7.77	82	384040	46.184	ng	95
26) 2-Nitrophenol	7.85	139	106879	44.595	ng	97
27) 2,4-Dimethylphenol	7.88	122	186618	46.965	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	239766	42.444	ng	99
29) 2,4-Dichlorophenol	8.09	162	167763	41.790	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	185965	41.357	ng	96
31) Naphthalene	8.26	128	599047	44.921	ng	99
32) Benzoic acid	7.98	122	46374	15.100	ng	93
33) 4-Chloroaniline	8.30	127	144004	23.994	ng	99
34) Hexachlorobutadiene	8.37	225	104675	41.925	ng	98
35) Caprolactam	8.67	113	50510m	36.099	ng	
36) 4-Chloro-3-methylphenol	8.79	107	178910	41.214	ng	95
37) 2-Methylnaphthalene	8.95	142	413187	46.830	ng	99
38) 1-Methylnaphthalene	9.05	142	384629	45.110	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	176412	41.856	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	142983	66.346	nq	98
43) 2,4,6-Trichlorophenol	9.23	196	114046	41.953	nq	97
44) 2,4,5-Trichlorophenol	9.27	196	118997	41.412	nq	94
46) 1,1'-Biphenyl	9.42	154	497861	40.701	nq	99
47) 2-Chloronaphthalene	9.45	162	378456	42.178	nq	99
48) 2-Nitroaniline	9.54	65	112609	41.415	nq	97
49) Acenaphthylene	9.86	152	580502	44.792	nq	99
50) Dimethylphthalate	9.71	163	427582	42.821	nq	99
51) 2,6-Dinitrotoluene	9.78	165	93435	43.441	nq	91
52) Acenaphthene	10.03	154	353785	41.265	nq	98
53) 3-Nitroaniline	9.95	138	71959	28.133	nq	95
54) 2,4-Dinitrophenol	10.06	184	29804m	37.831	nq	
55) Dibenzofuran	10.20	168	507915	42.313	nq	97
56) 4-Nitrophenol	10.12	139	163531	86.385	nq	95
57) 2,4-Dinitrotoluene	10.19	165	123354	45.152	nq	93
58) Fluorene	10.55	166	402608	45.066	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	92045m	39.299	nq	
60) Diethylphthalate	10.41	149	417640	42.847	nq	100
61) 4-Chlorophenyl-phenylether	10.53	204	193405	41.038	nq	99
62) 4-Nitroaniline	10.57	138	92577	36.391	nq	94
63) Azobenzene	10.70	77	405345	41.895	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	31390	28.100	nq	94
66) n-Nitrosodiphenylamine	10.66	169	349775	43.614	nq	98
67) 4-Bromophenyl-phenylether	11.03	248	111123	41.899	nq	96
68) Hexachlorobenzene	11.10	284	118888	42.249	nq	98
69) Atrazine	11.17	200	110394	43.558	nq	97
70) Pentachlorophenol	11.29	266	82546	50.306	nq	97
71) Phenanthrene	11.52	178	574774	44.927	nq	99
72) Anthracene	11.57	178	589459	45.967	nq	99
73) Carbazole	11.72	167	464528	37.101	nq	99
74) Di-n-butylphthalate	12.03	149	666927	47.163	nq	99
75) Fluoranthene	12.70	202	528742	40.723	nq	99
77) Benzdine	12.82	184	263662	Below	Cal	97
78) Pyrene	12.94	202	507485	48.299	nq	98
80) Butylbenzylphthalate	13.54	149	206554	45.291	nq	93
81) Benzo(a)anthracene	14.12	228	391184	45.008	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	94180	31.119	nq	99
83) Chrysene	14.16	228	362840	43.953	nq	97
84) Bis(2-ethylhexyl)phthalate	14.09	149	282361	45.801	nq	96
85) Di-n-octyl phthalate	14.70	149	455667	47.534	nq	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	422766	61.732	nq	97
88) Benzo(b)fluoranthene	15.20	252	361994	42.819	nq	99
89) Benzo(k)fluoranthene	15.23	252	360761	43.407	nq	98
90) Benzo(a)pyrene	15.59	252	361100	46.420	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	356035	53.043	nq	99
92) Benzo(g,h,i)perylene	17.70	276	351872	53.199	nq	98

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

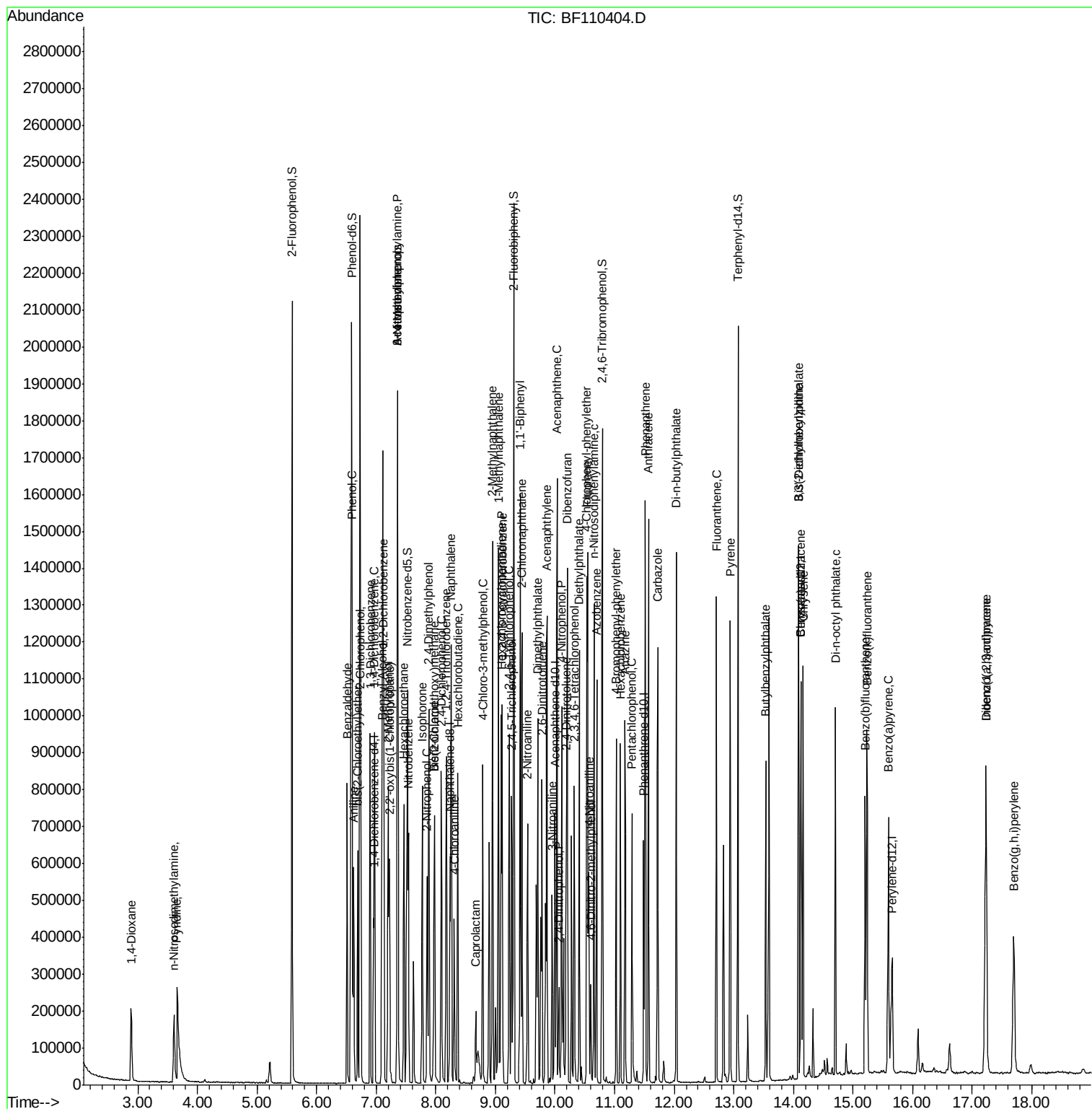
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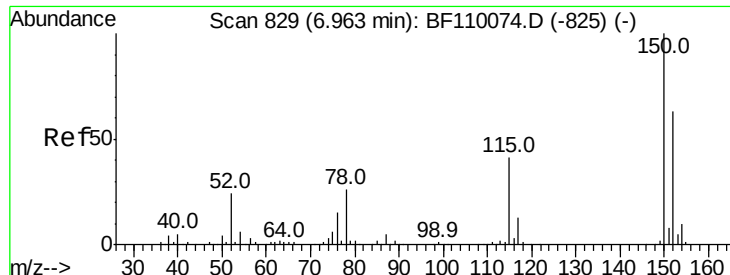
Instrument :
BNA_F
ClientSampled :
PB114382BS

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#1

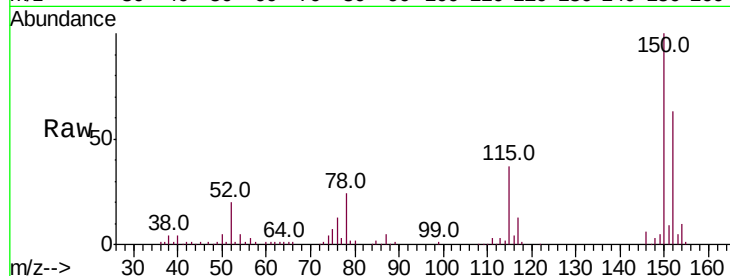
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.7	184.1
115	59.6	49.1	73.7

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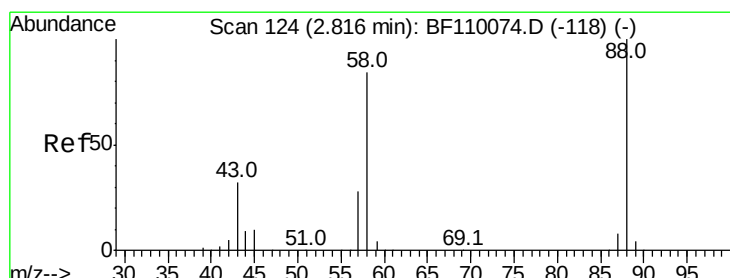
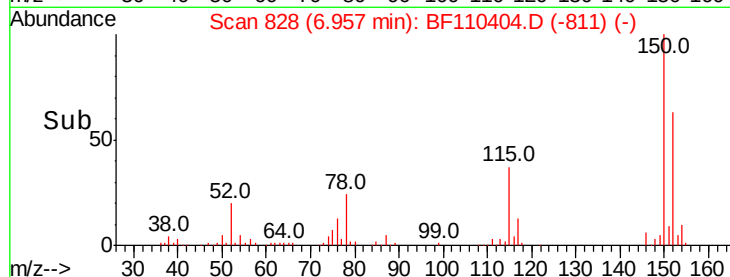
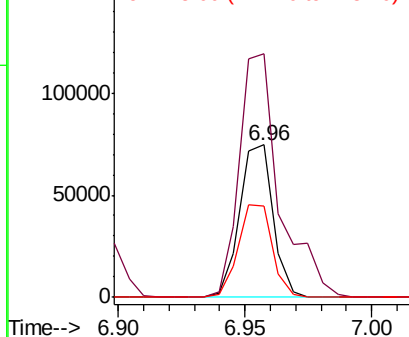


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

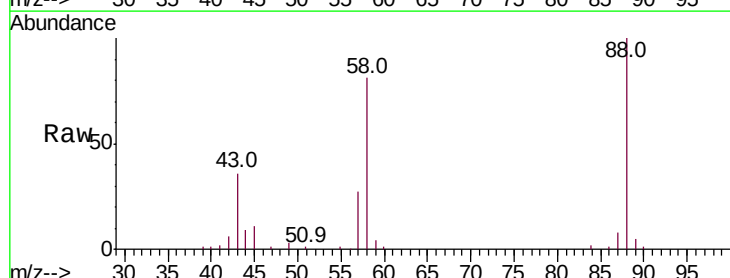
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.572 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.09 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	57.1	85.7
43	32.9	24.1	36.1

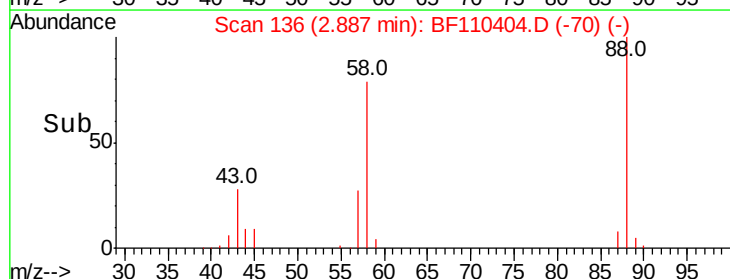
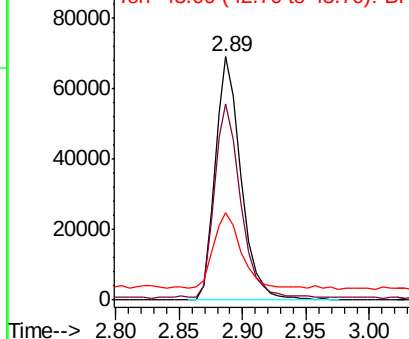


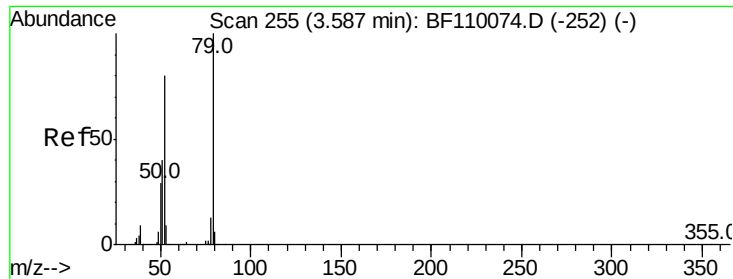
Abundance

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: 41.242 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

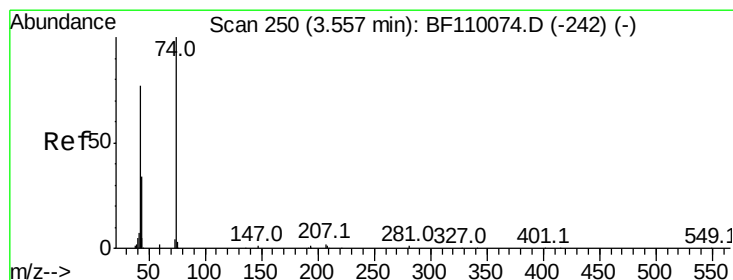
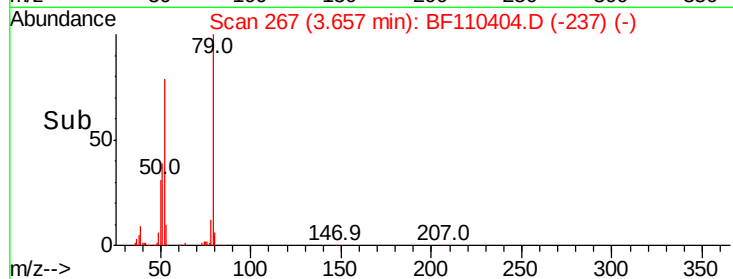
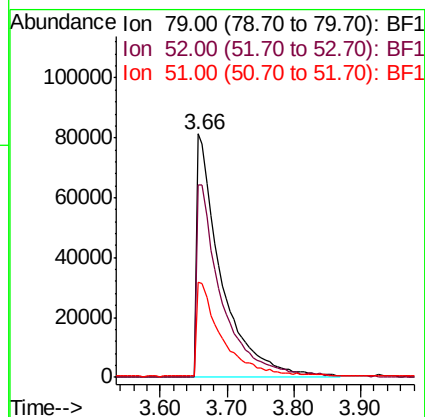
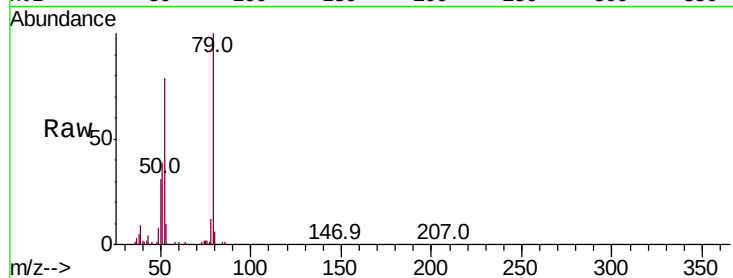
ClientSampled :

PB114382BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	78.9	53.1	79.7	
51	39.3	27.4	41.2	

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#4

n-Nitrosodimethylamine

Concen: 45.873 ng

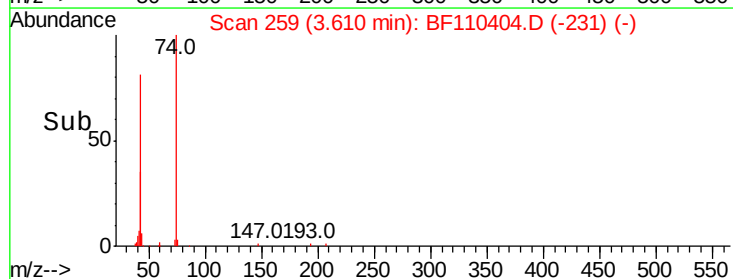
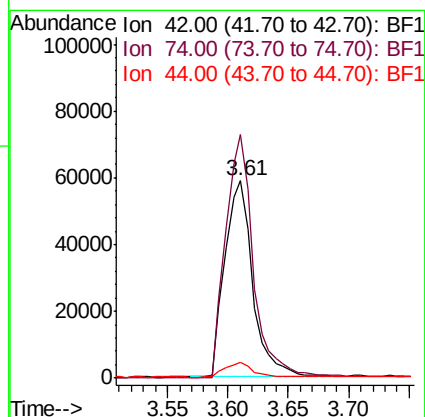
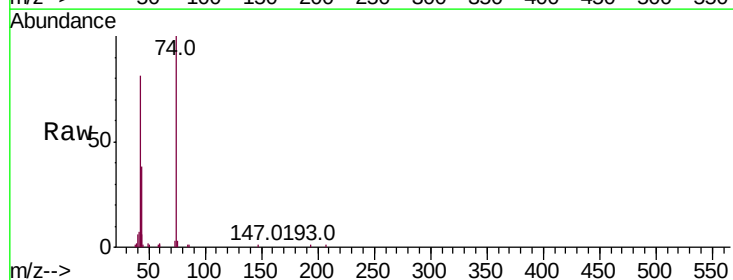
RT: 3.61 min Scan# 259

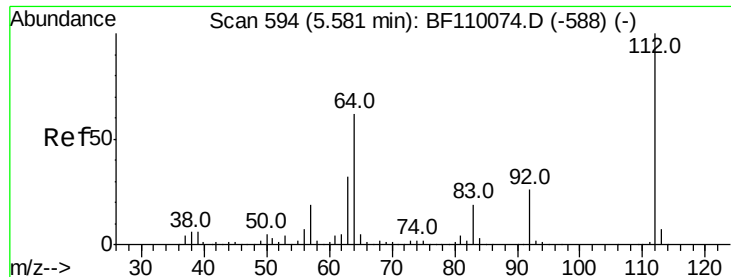
Delta R.T. 0.06 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	123.3	105.5	158.3	
44	7.8	4.9	7.3#	





#5

2-Fluorophenol

Concen: 152.556 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

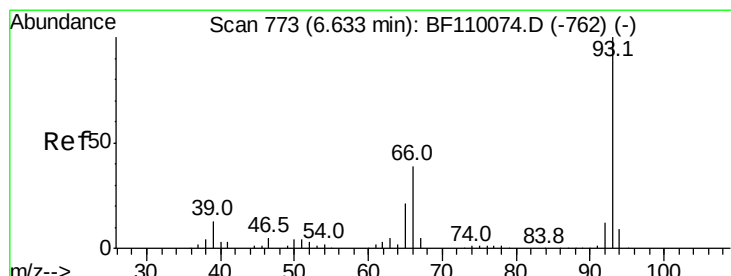
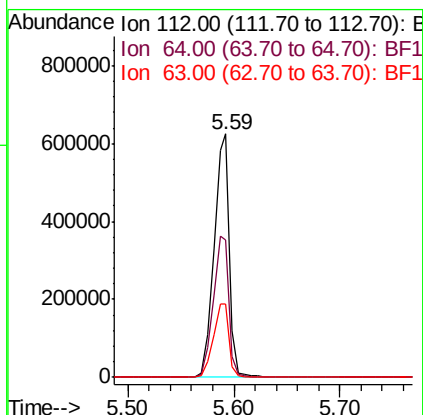
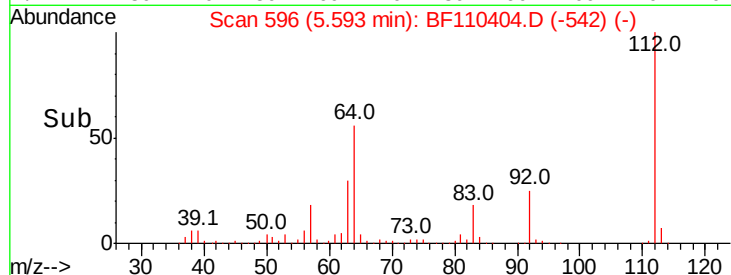
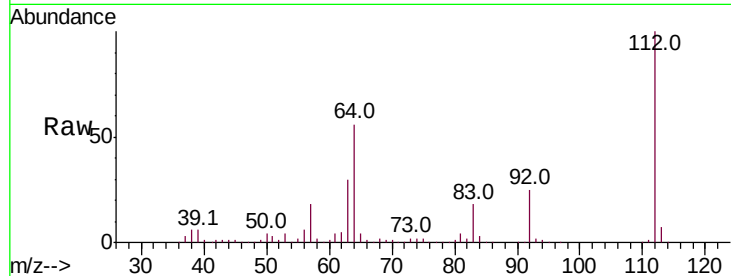
ClientSampleId :

PB114382BS

Tot Ion:	112	Resp:	643049
Ion Ratio	Lower	Upper	
112	100		
64	56.3	44.1	66.1
63	30.4	23.7	35.5

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#6

Aniline

Concen: 33.158 ng

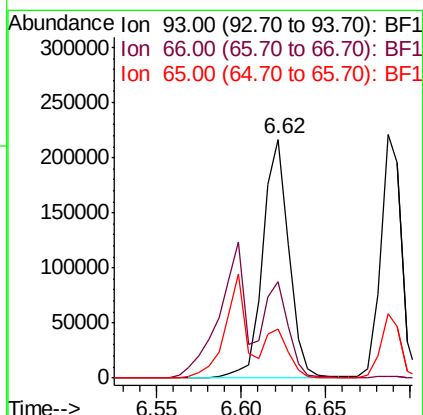
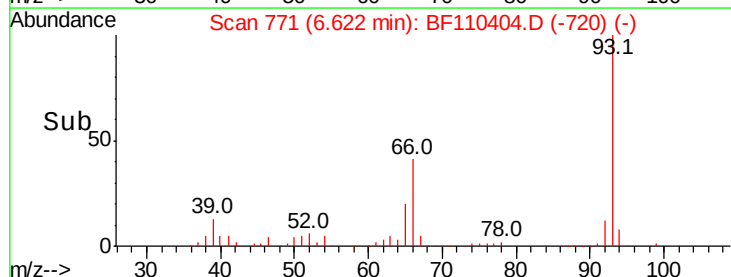
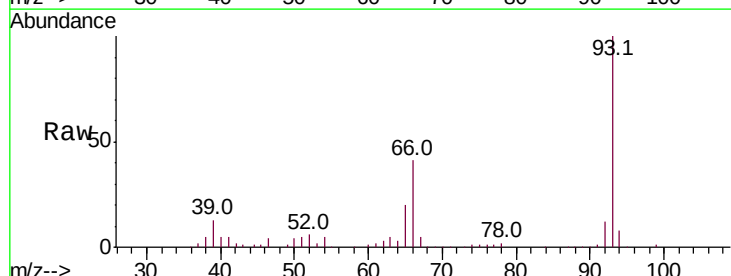
RT: 6.62 min Scan# 771

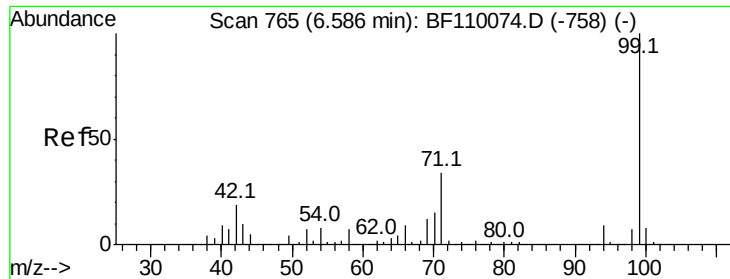
Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Tgt Ion:	93	Resp:	232883
Ion Ratio	Lower	Upper	
93	100		
66	40.7	67.4	101.0#
65	20.4	41.0	61.4#





#7

Phenol-d6

Concen: 147.305 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

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BNA_F

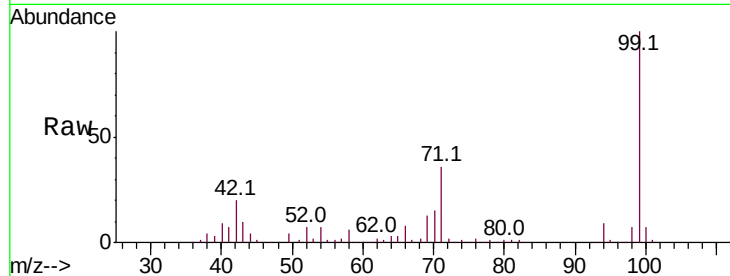
ClientSampleId :

PB114382BS

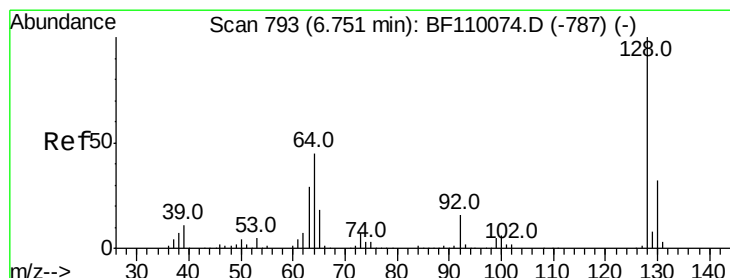
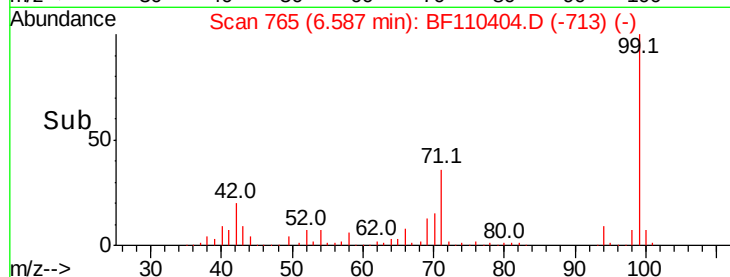
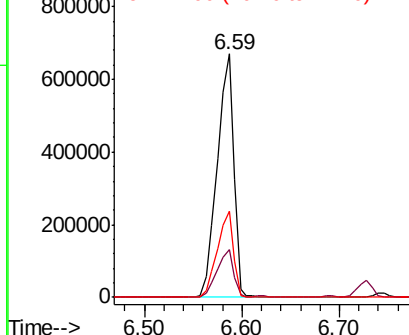
Tot Ion:	99	Resp:	794201
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.8	23.6
71	35.6	28.0	42.0

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



#8

2-Chlorophenol

Concen: 42.288 ng

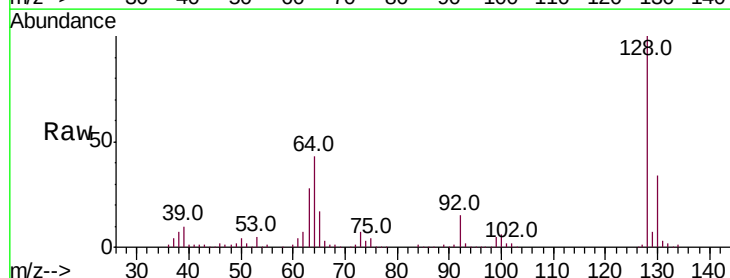
RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

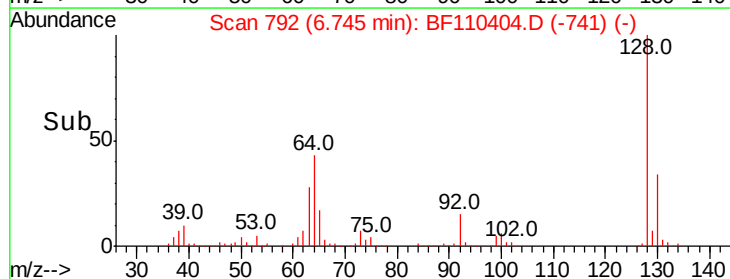
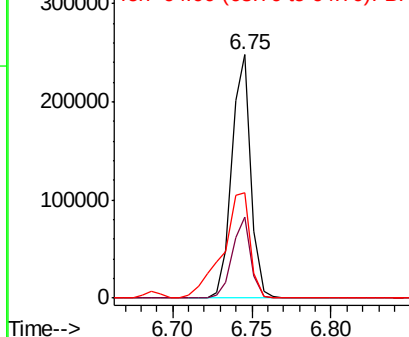
Lab File: BF110404.D

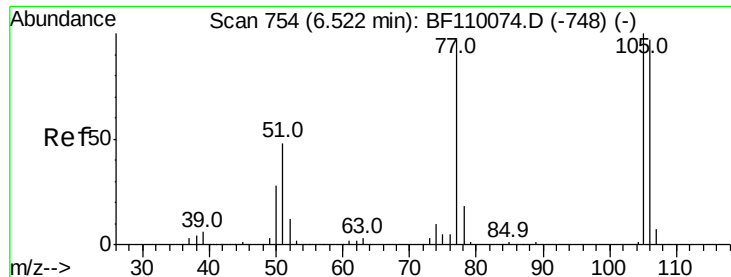
Acq: 2 Nov 2018 11:41

Tgt Ion:	128	Resp:	205510
Ion Ratio	Lower	Upper	
128	100		
130	33.5	13.1	53.1
64	43.2	26.0	66.0



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: 50.847 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

PB114382BS

Tot Ion: 77 Resp: 147009

Ion Ratio Lower Upper

77 100

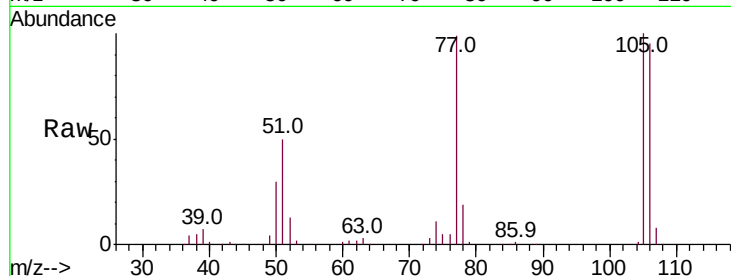
105 100.6 78.6 118.6

106 95.8 74.8 114.8

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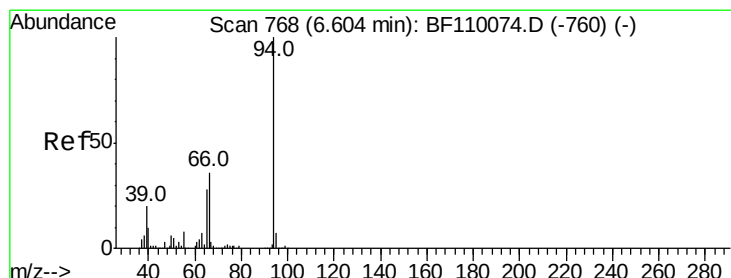
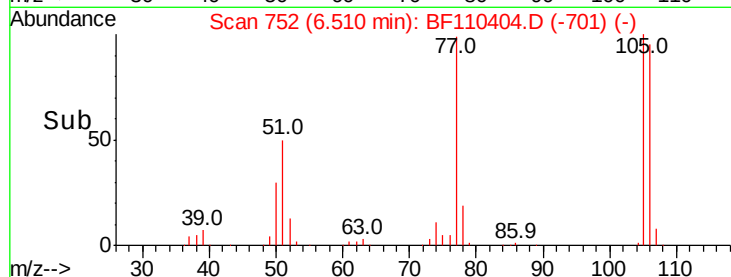
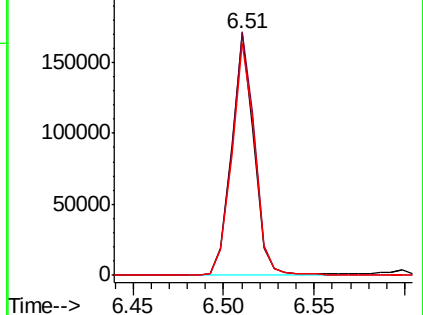
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.401 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

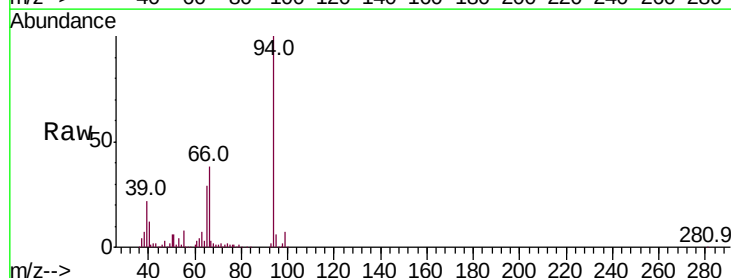
Tgt Ion: 94 Resp: 255892

Ion Ratio Lower Upper

94 100

65 28.7 25.3 65.3

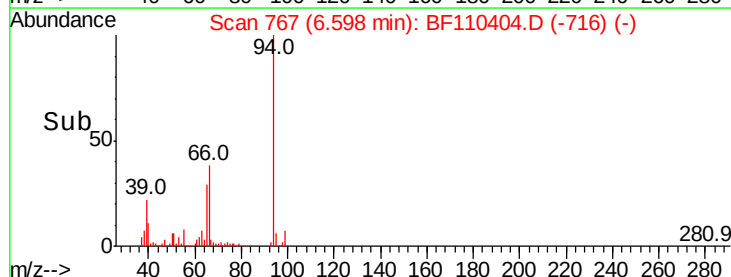
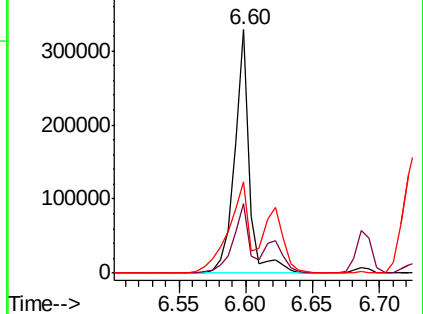
66 37.6 54.5 94.5#

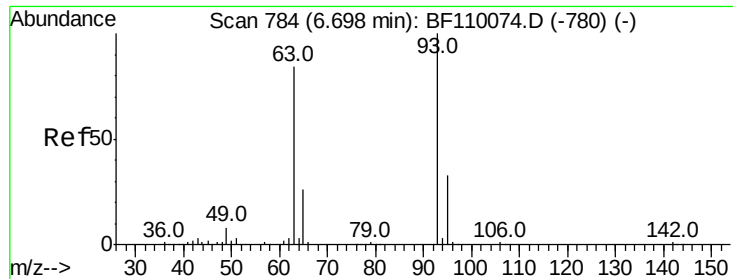


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.259 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

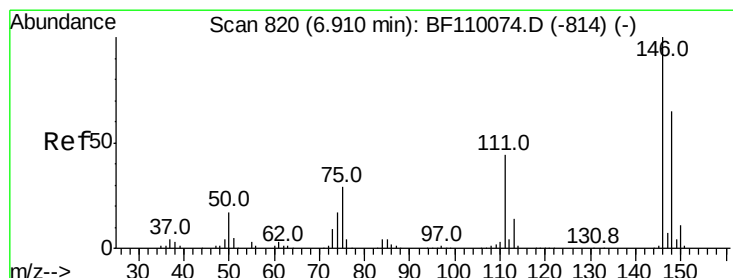
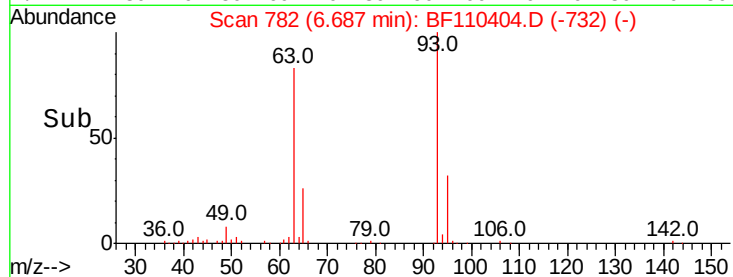
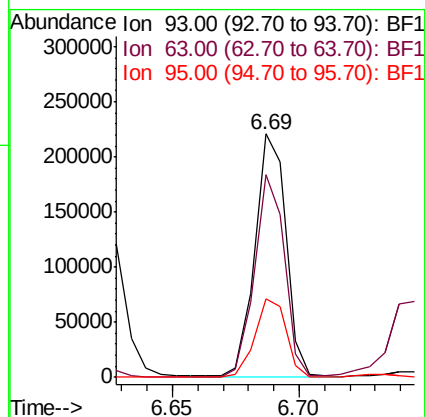
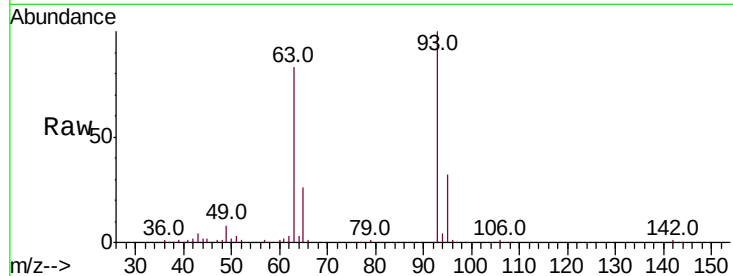
ClientSampleId :

PB114382BS

Tot Ion:	93	Resp:	190885
Ion Ratio	Lower	Upper	
93	100		
63	83.3	53.4	93.4
95	32.1	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 41.348 ng

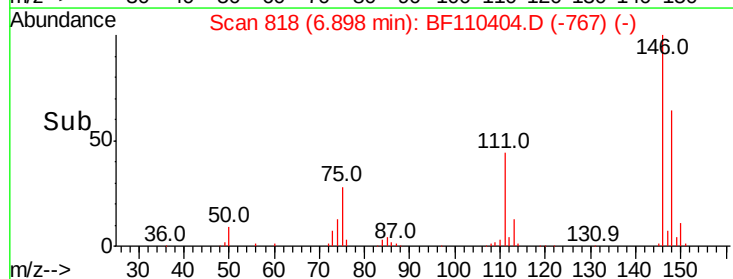
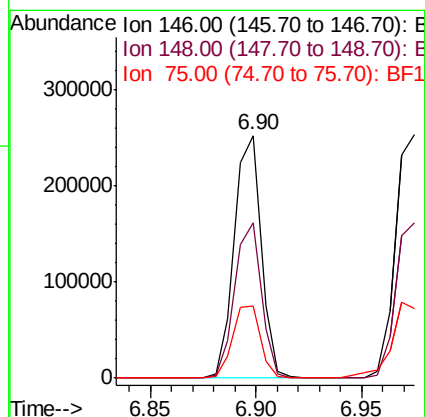
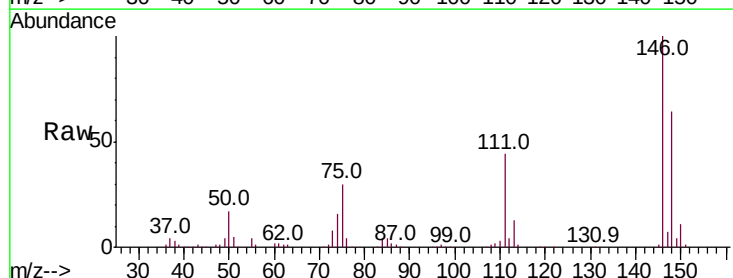
RT: 6.90 min Scan# 818

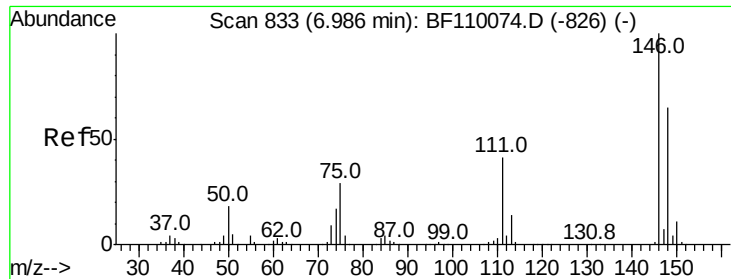
Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Tgt Ion:	146	Resp:	221134
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.4	75.6
75	29.6	25.8	38.6





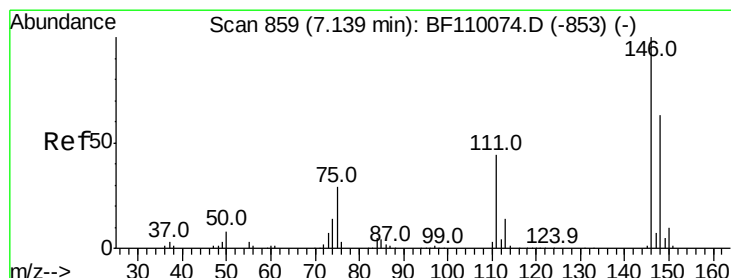
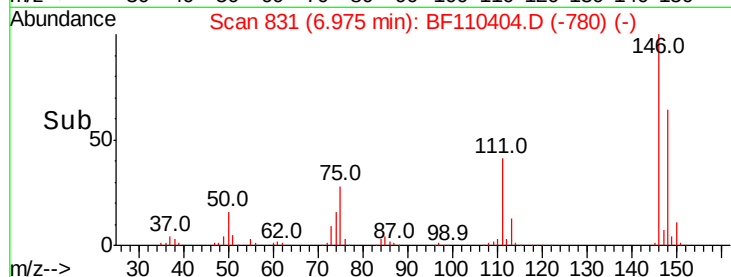
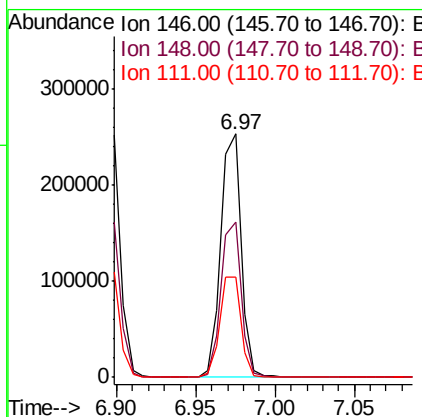
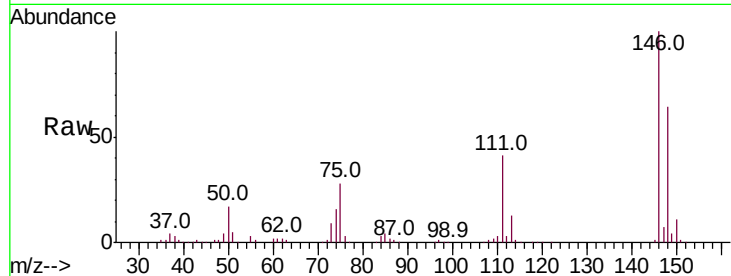
#13
 1,4-Dichlorobenzene
 Concen: 41.820 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	41.0	32.7	49.1

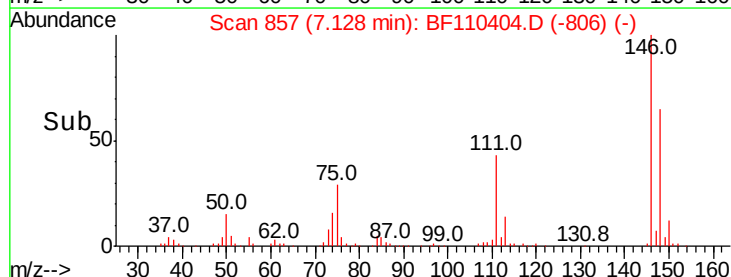
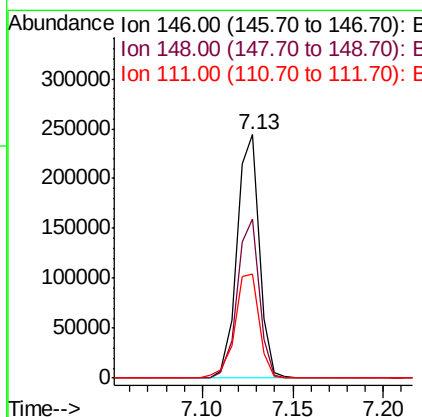
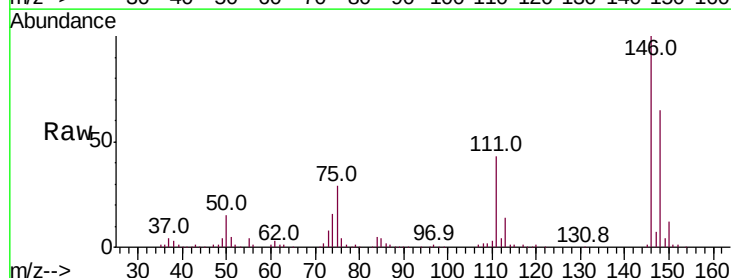
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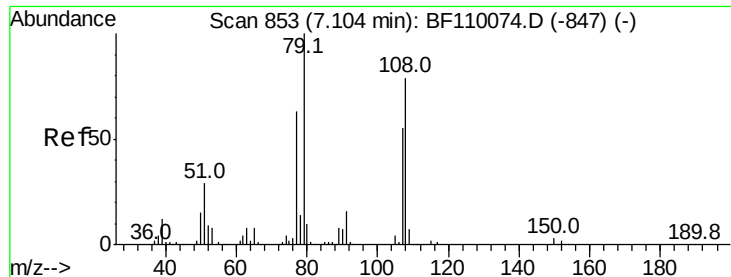
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#14
 1,2-Dichlorobenzene
 Concen: 41.675 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	42.5	35.8	53.6





#15

Benzyl Alcohol

Concen: 42.474 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

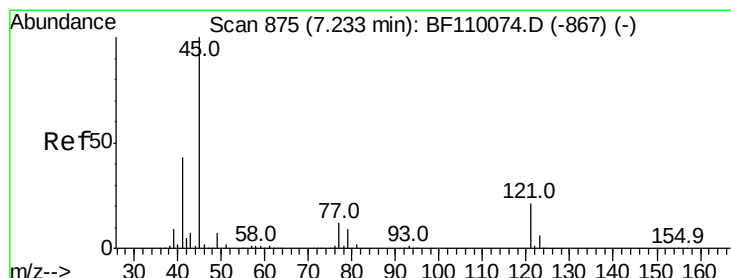
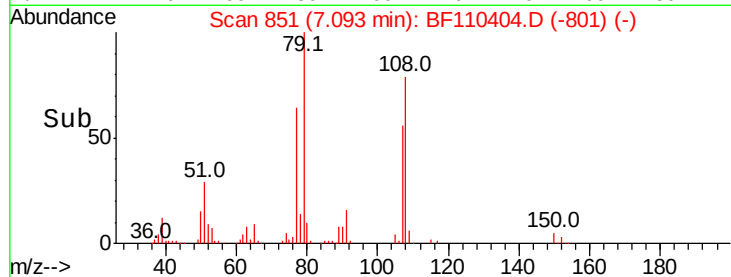
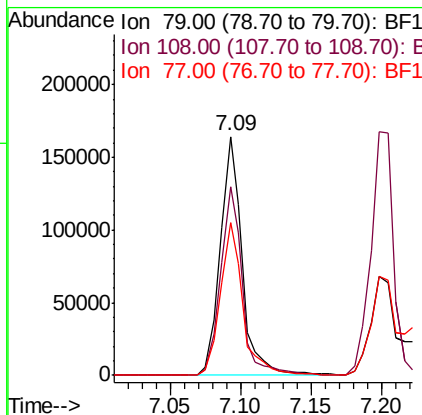
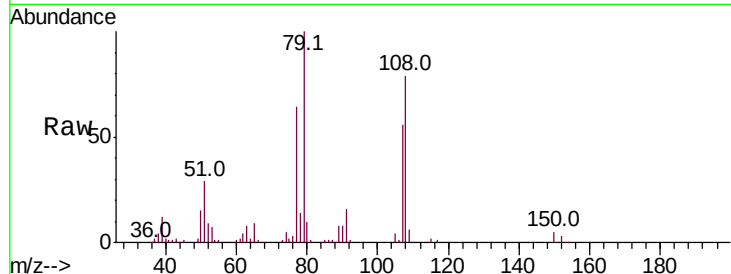
ClientSampleId :

PB114382BS

Tot Ion:	79	Resp:	176128
Ion Ratio	Lower	Upper	
79	100		
108	79.0	56.3	84.5
77	64.0	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.937 ng

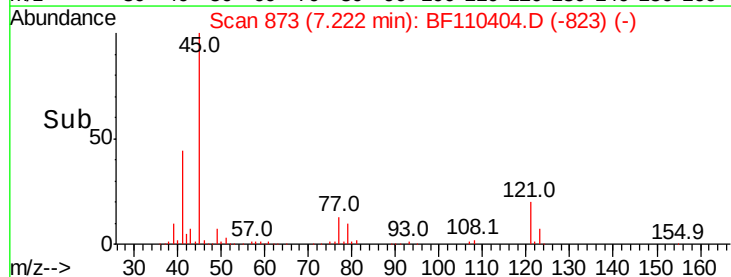
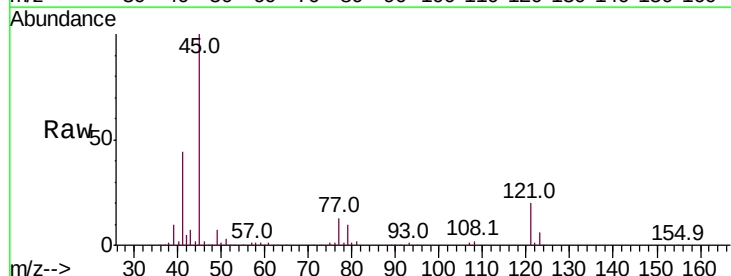
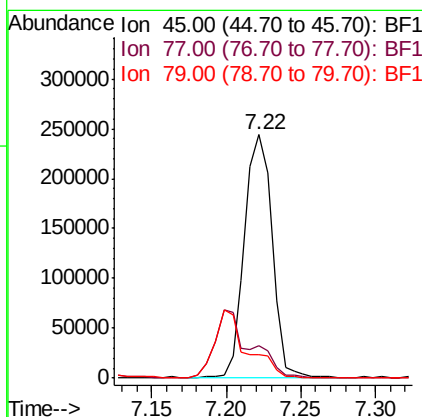
RT: 7.22 min Scan# 873

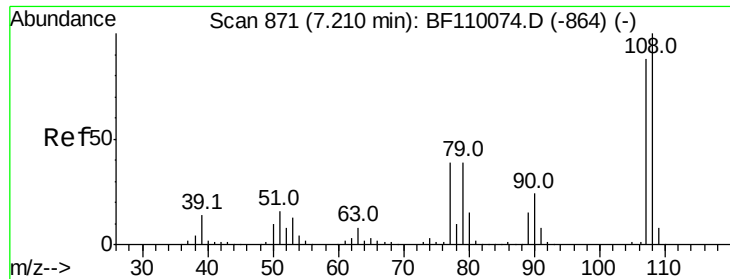
Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Tgt Ion:	45	Resp:	310341
Ion Ratio	Lower	Upper	
45	100		
77	13.4	10.0	50.0
79	9.6	6.1	46.1





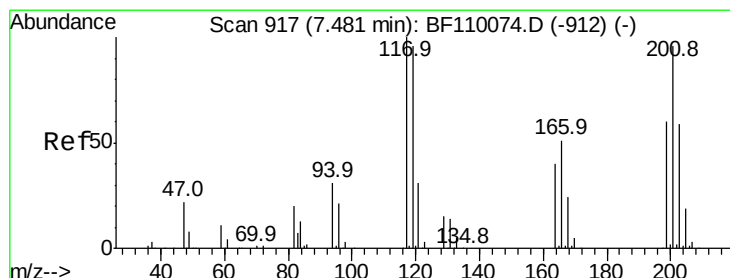
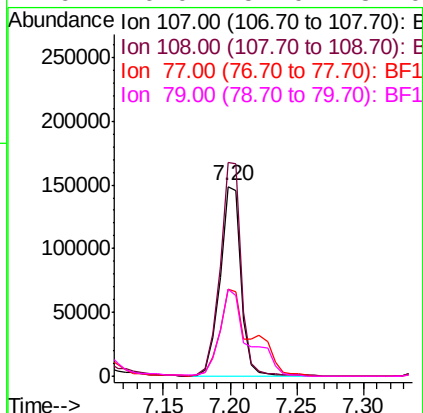
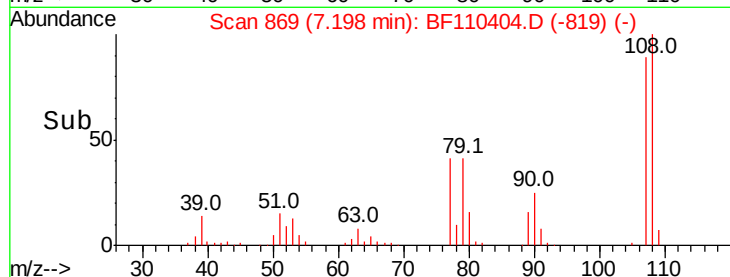
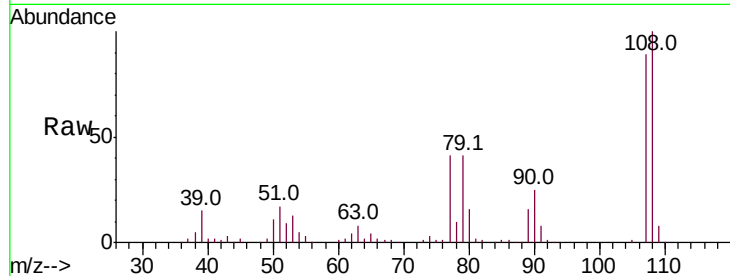
#17
2-Methylphenol
Concen: 43.046 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampled :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	92.6	138.8	
77	45.9	59.4	89.2#	
79	46.0	54.0	81.0#	

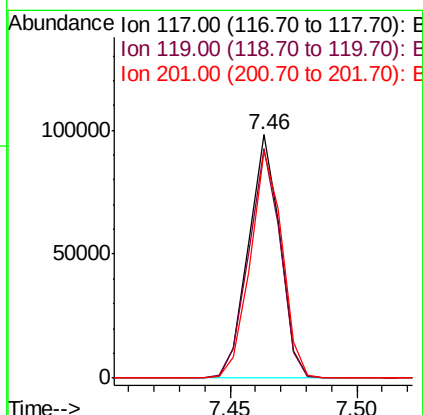
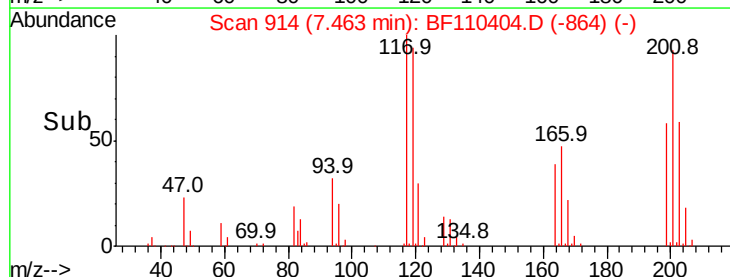
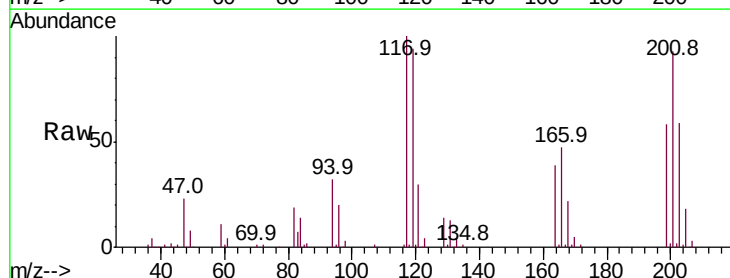
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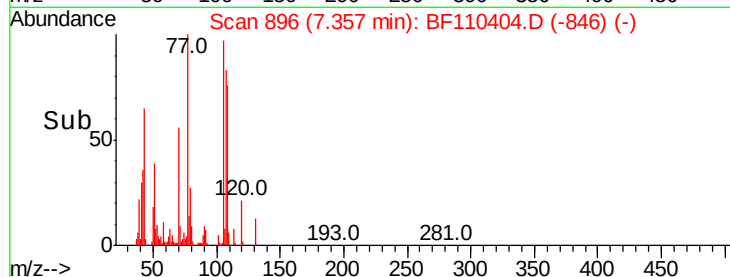
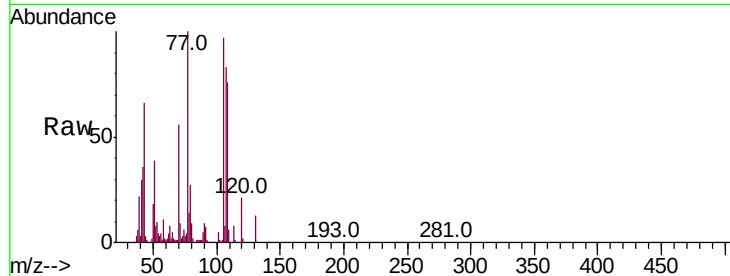
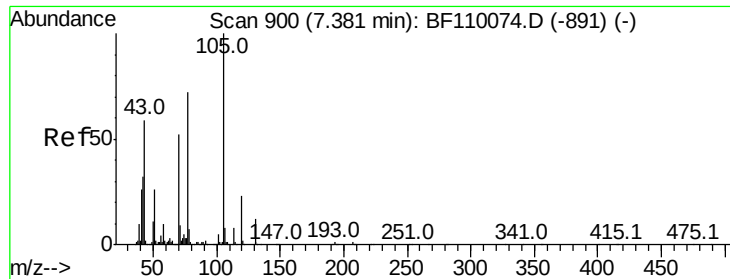
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#18
Hexachloroethane
Concen: 42.855 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	75.0	112.6	
201	93.1	79.2	118.8	





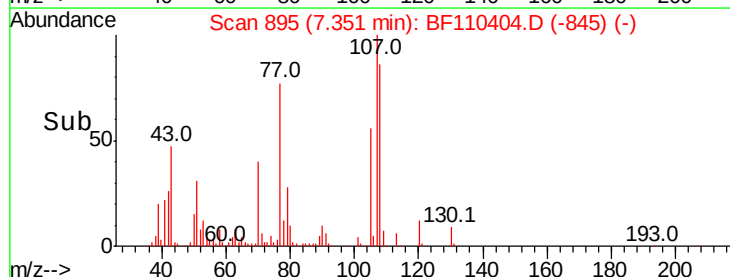
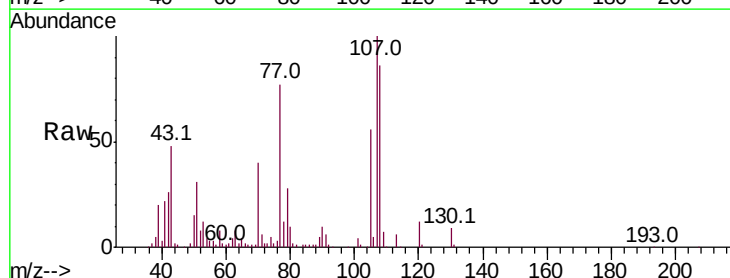
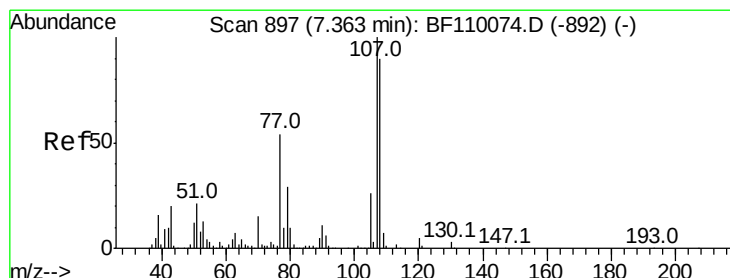
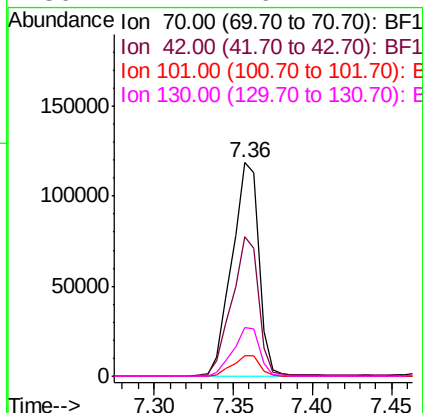
#19
n-Nitroso-di-n-propylamine
Concen: 40.653 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

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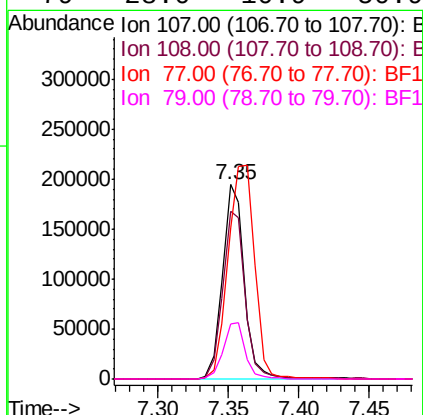
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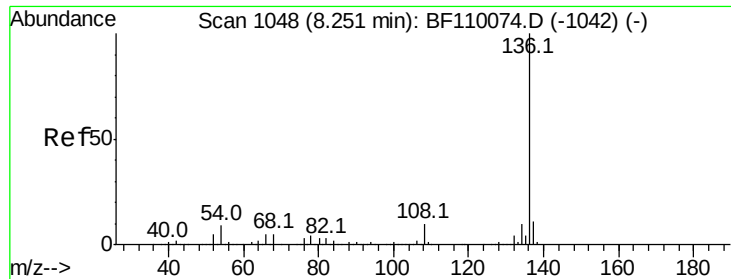
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.2	47.4	71.2
101	9.4	7.3	10.9
130	22.7	16.2	24.2



#20
3+4-Methylphenols
Concen: 41.679 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	71.4	111.4
77	77.4	47.3	87.3
79	28.0	10.9	50.9





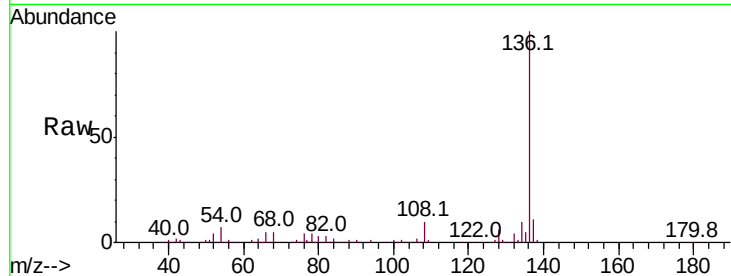
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	289344		
137	11.0		8.8	13.2
54	7.4		5.4	8.2
68	4.6		4.2	6.2

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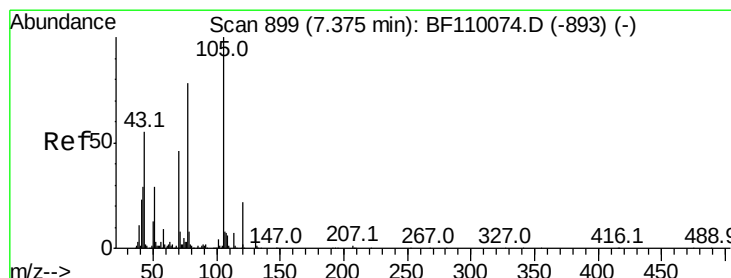
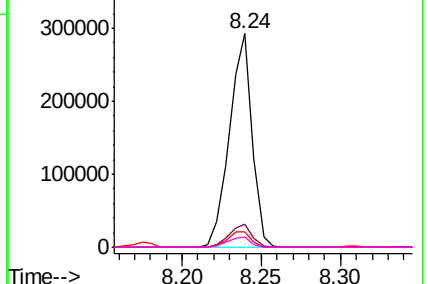
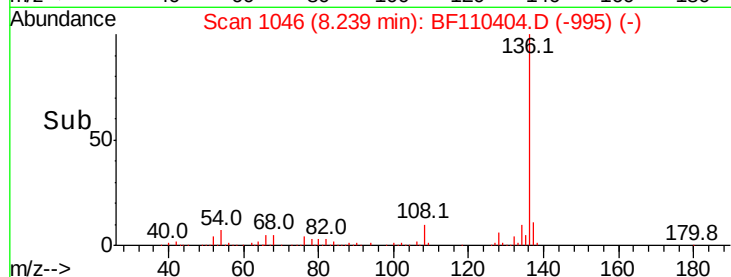
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

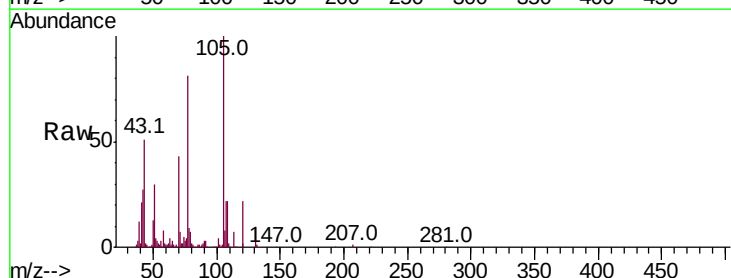
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.697 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	284666		
71	6.7		5.2	7.8
51	30.2		21.8	32.8
120	22.3		17.0	25.4



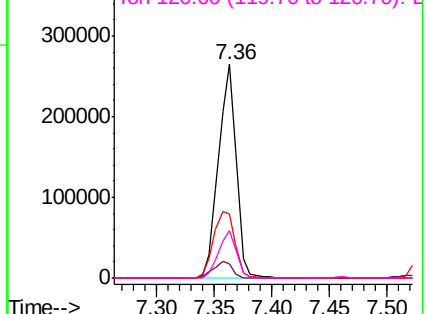
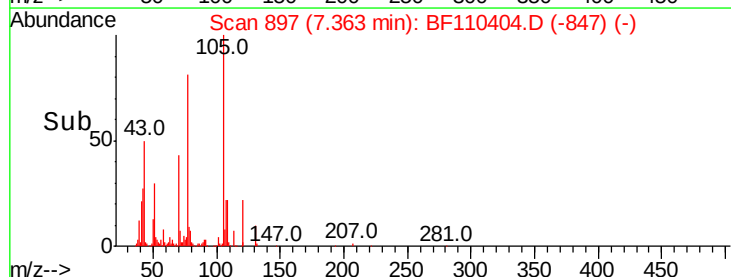
Abundance

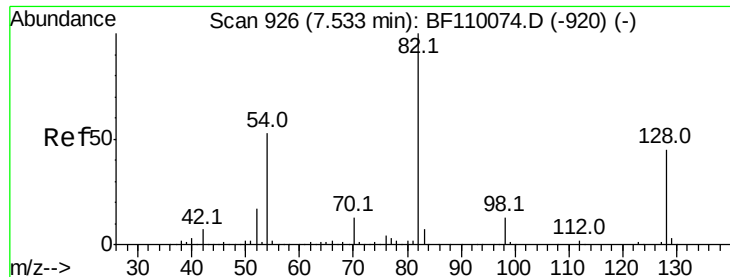
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





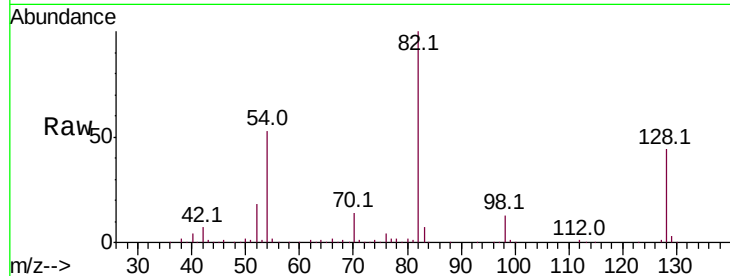
#23
 Nitrobenzene-d5
 Concen: 81.801 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

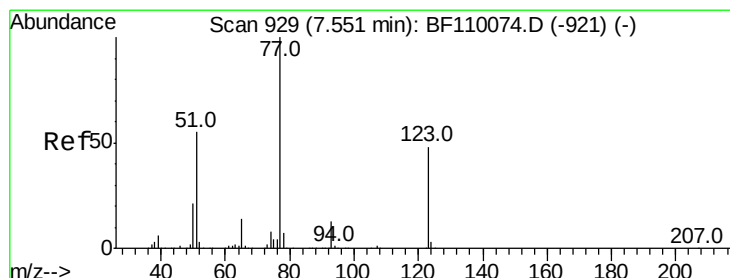
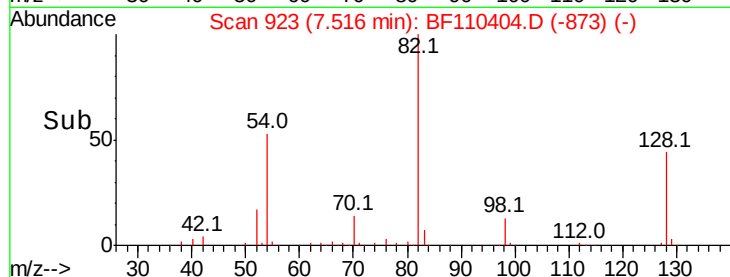
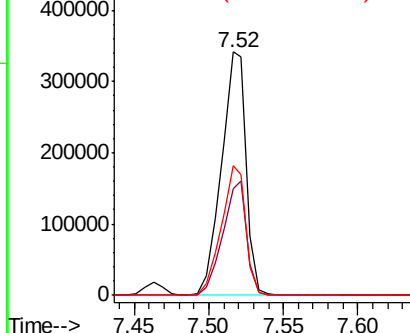
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	34.2	51.2	
54	53.4	38.6	58.0	

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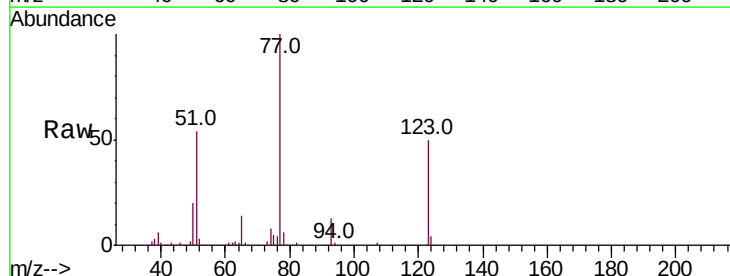


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

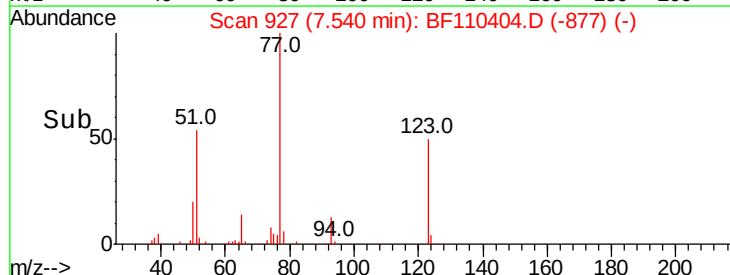
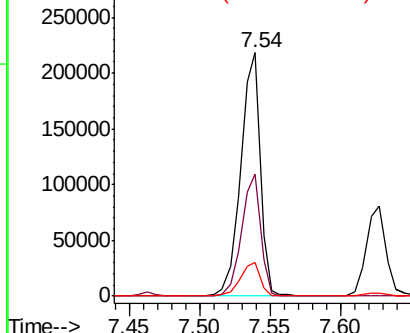


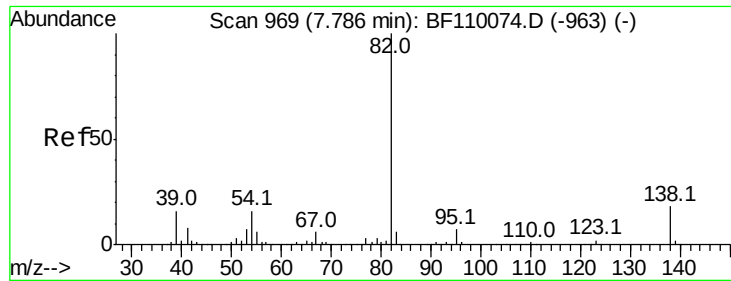
#24
 Nitrobenzene
 Concen: 41.565 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.9	35.7	53.5	
65	13.7	10.7	16.1	



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





#25

Isophorone

Concen: 46.184 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

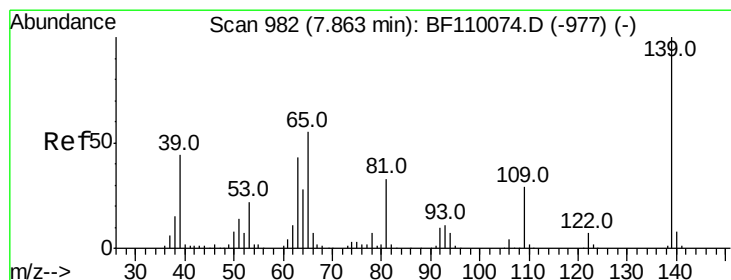
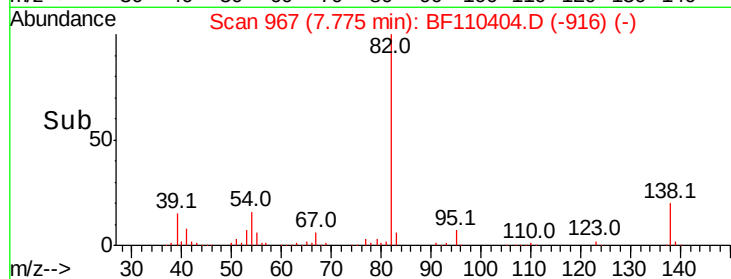
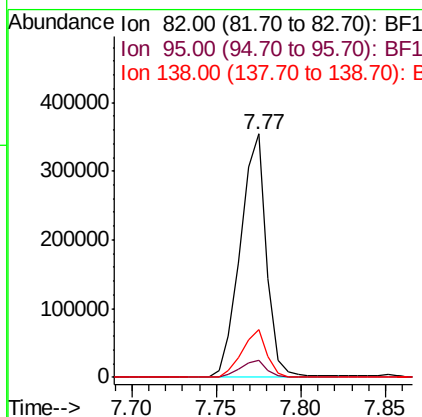
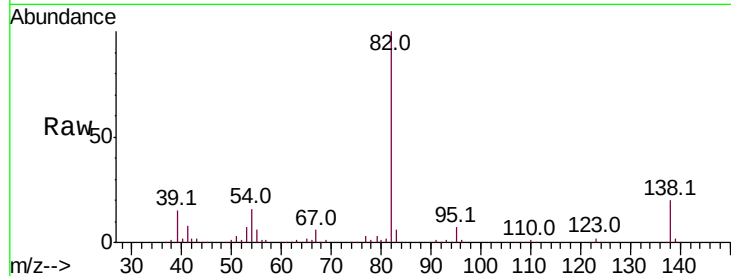
ClientSampleId :

PB114382BS

Tot Ion:	82	Resp:	384040
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	19.7	13.2	19.8

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#26

2-Nitrophenol

Concen: 44.595 ng

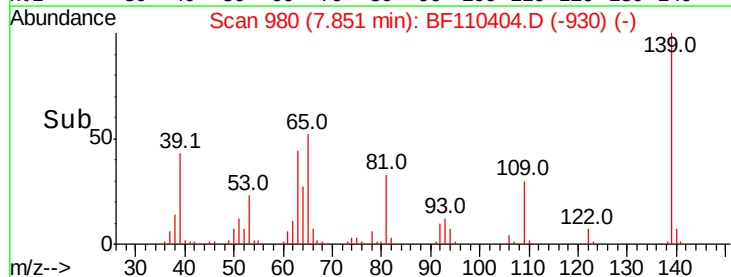
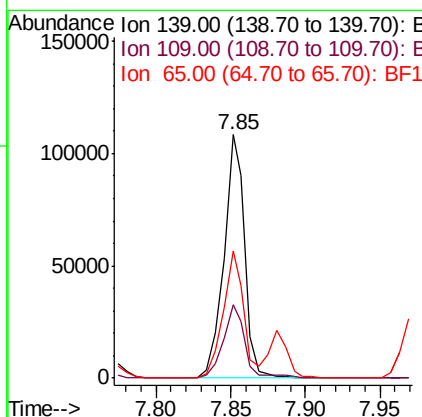
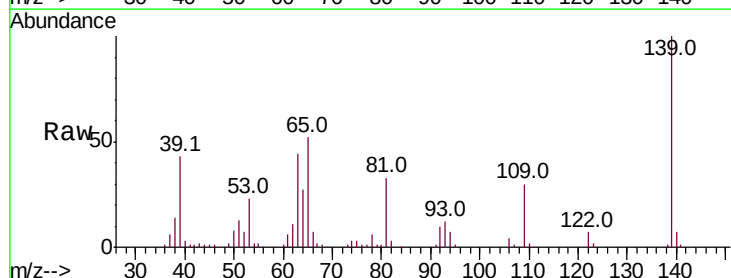
RT: 7.85 min Scan# 980

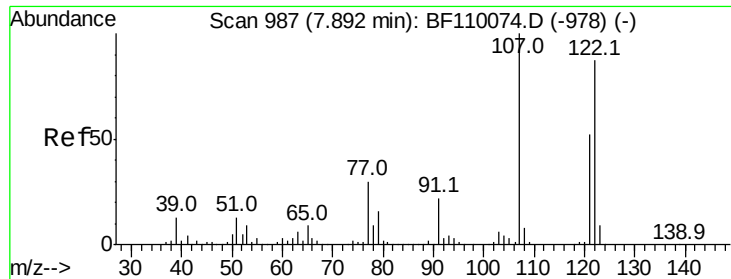
Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Tgt Ion:	139	Resp:	106879
Ion Ratio	Lower	Upper	
139	100		
109	30.0	25.0	37.6
65	52.3	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 46.965 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

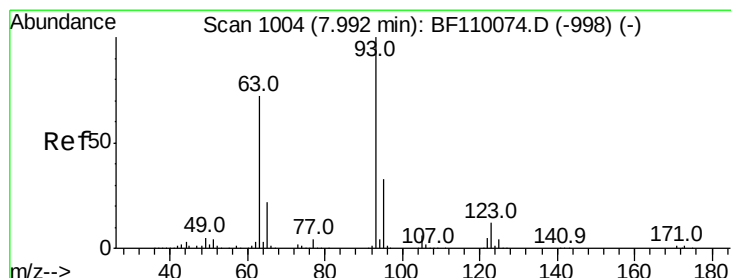
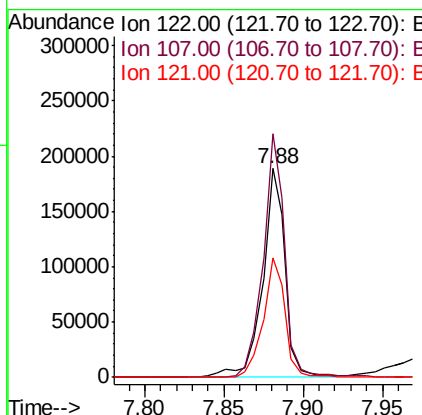
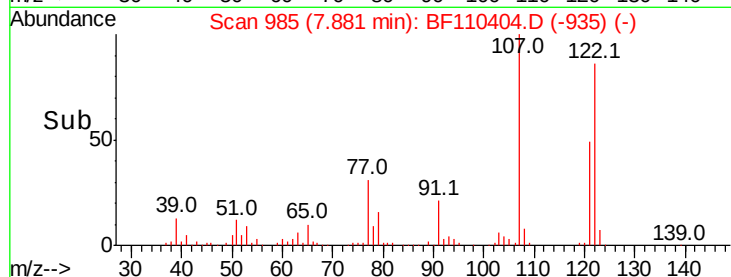
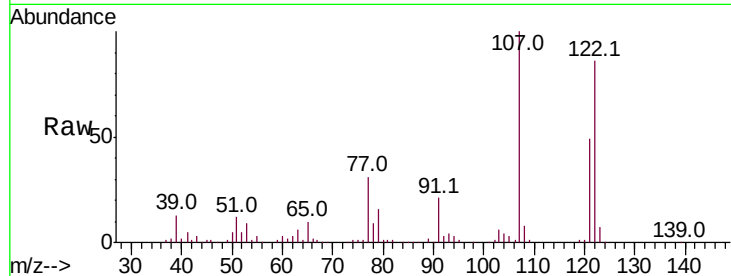
ClientSampleId :

PB114382BS

Tot Ion:	122	Resp:	186618
Ion Ratio	Lower	Upper	
122	100		
107	116.8	92.5	138.7
121	57.0	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.444 ng

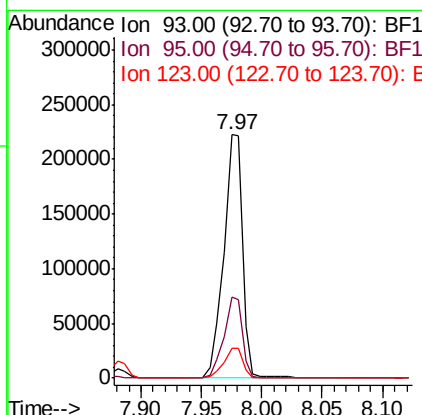
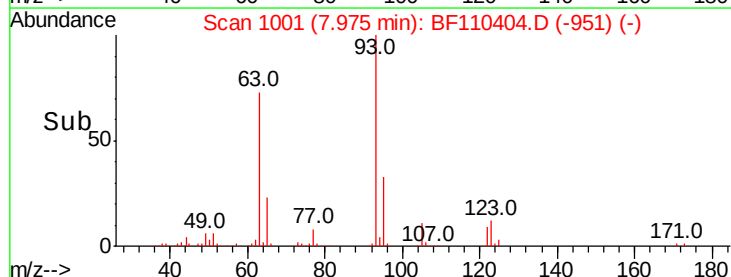
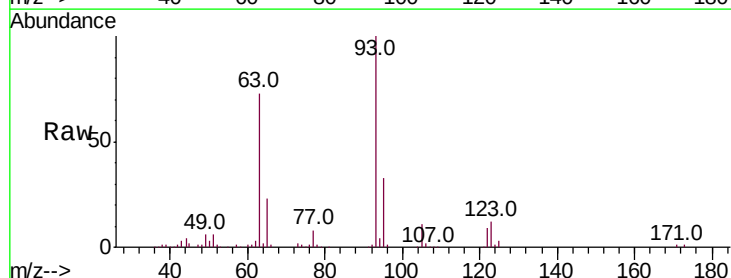
RT: 7.97 min Scan# 1001

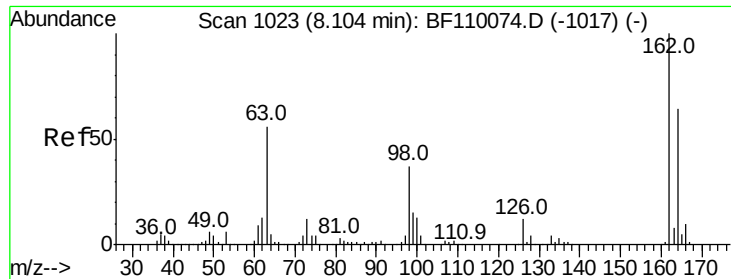
Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Tgt Ion:	93	Resp:	239766
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.4	39.6
123	12.2	9.0	13.6





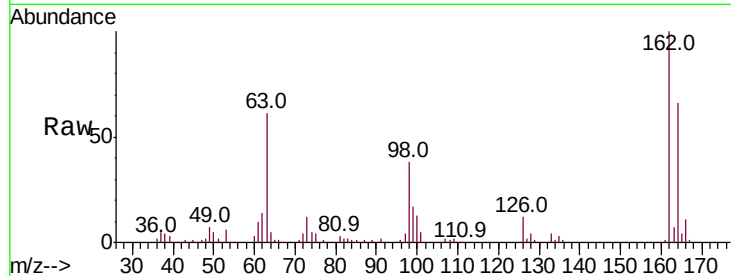
#29
2,4-Dichlorophenol
Concen: 41.790 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.5	44.6	84.6
98	38.4	17.4	57.4

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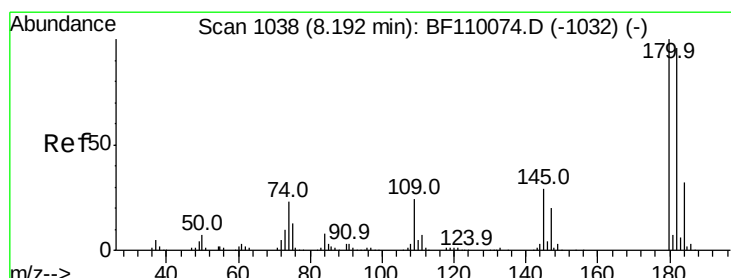
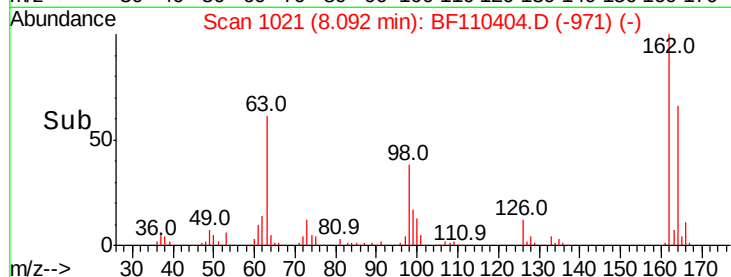
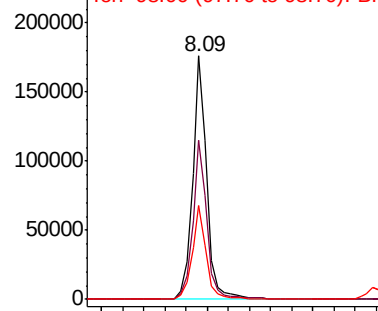


Abundance

Ion 162.00 (161.70 to 162.70): E

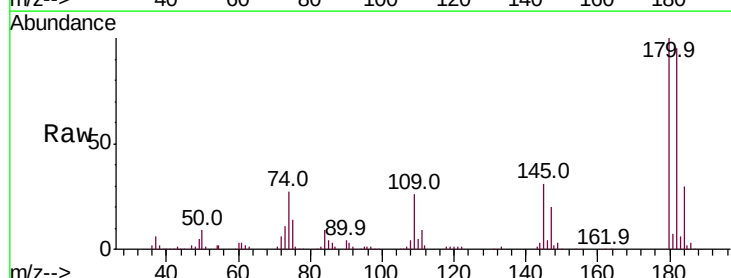
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.357 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	80.3	120.5
145	31.4	25.4	38.0

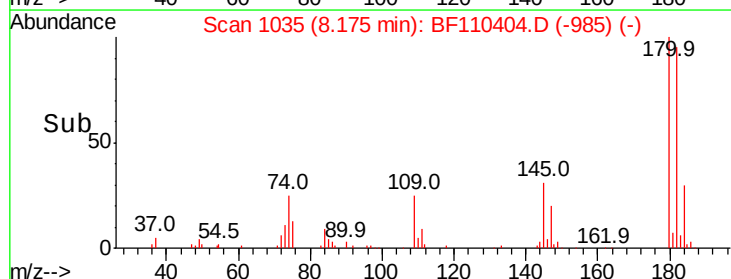
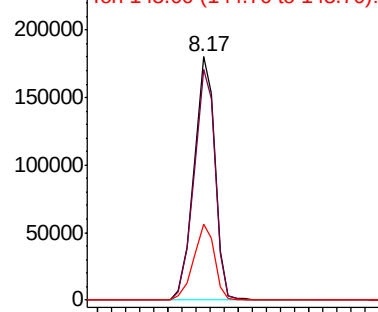


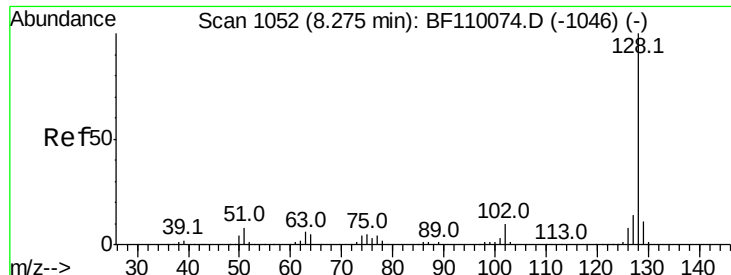
Abundance

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





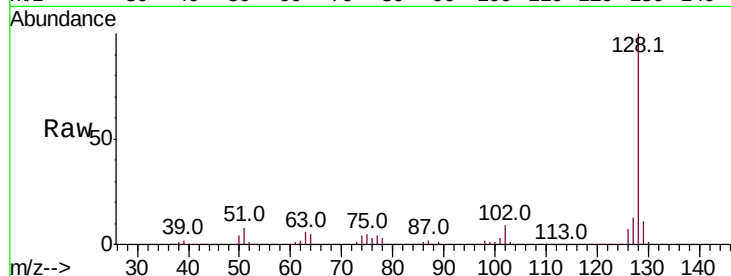
#31
Naphthalene
Concen: 44.921 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

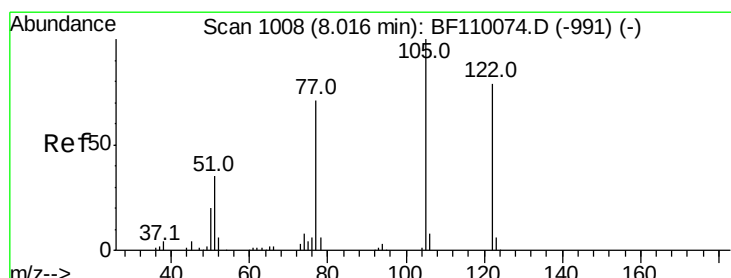
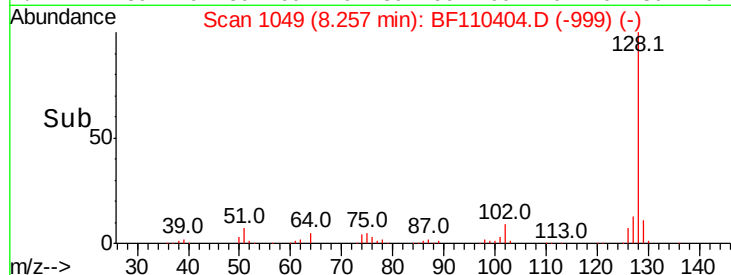
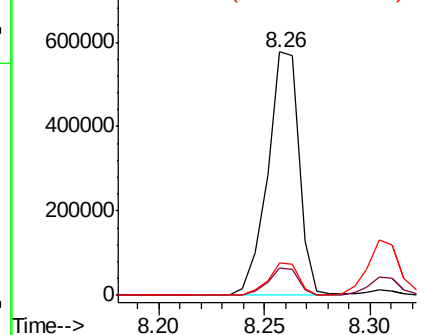
Tot Ion:	128	Resp:	599047
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.3	10.8	16.2

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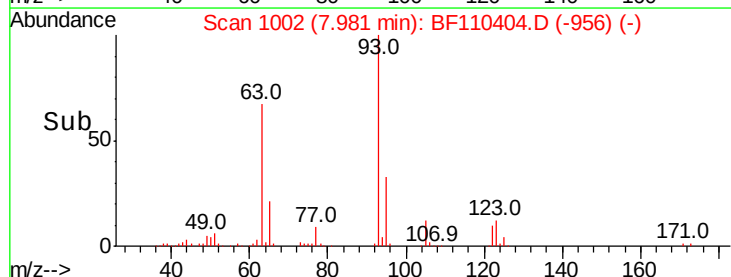
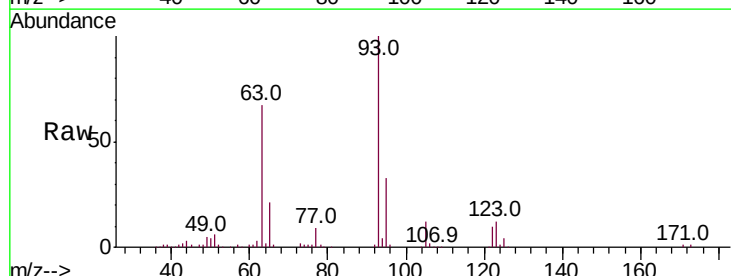
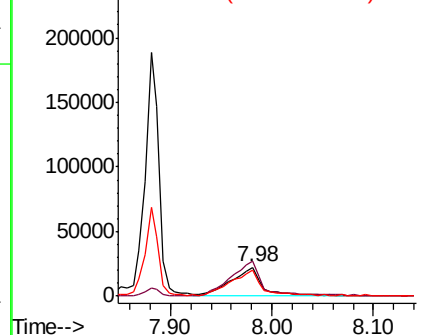
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

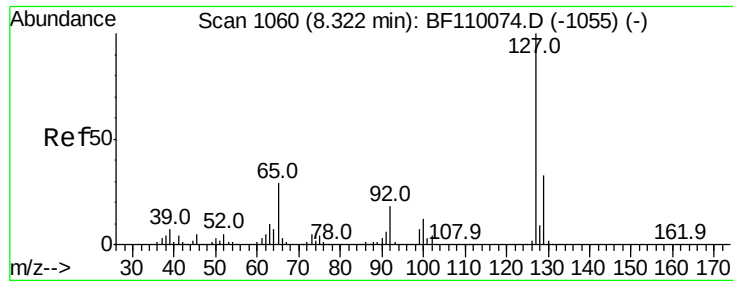


#32
Benzoic acid
Concen: 15.100 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:	122	Resp:	46374
Ion Ratio	Lower	Upper	
122	100		
105	122.1	109.0	149.0
77	91.7	79.0	119.0

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





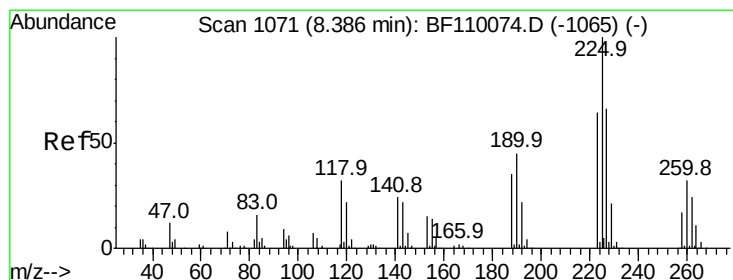
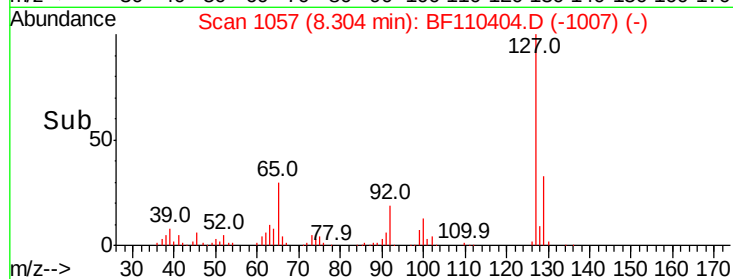
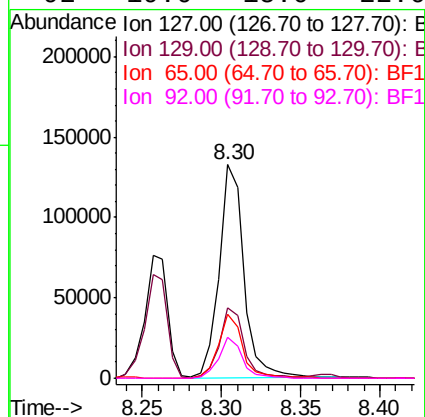
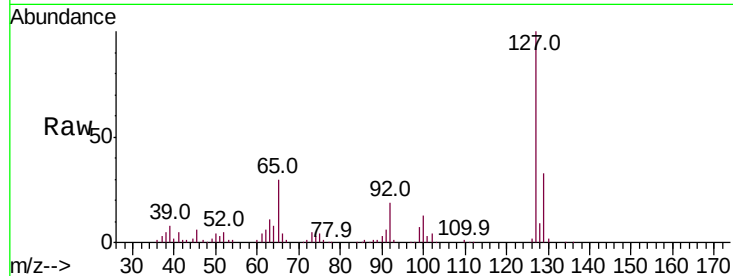
#33
4-Chloroaniline
Concen: 23.994 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.0	39.0		
65	30.1	25.1	37.7		
92	19.0	15.0	22.6		

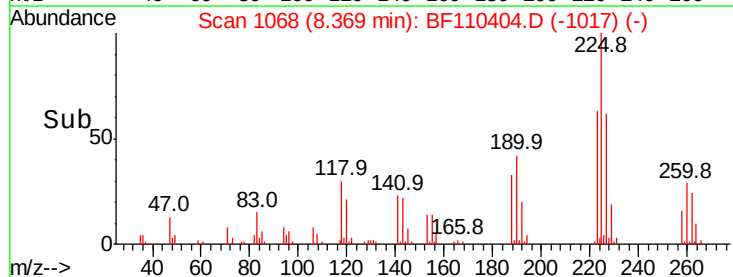
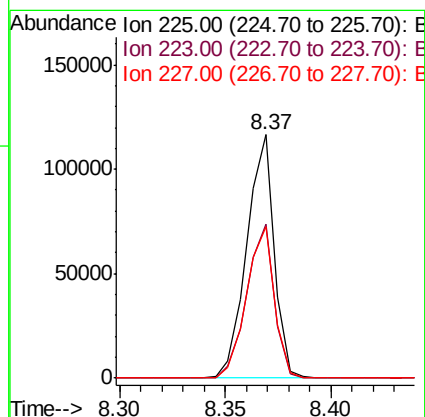
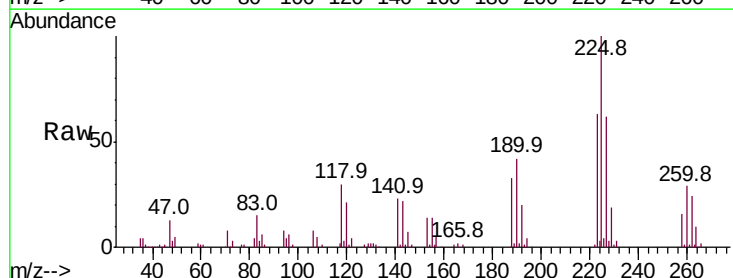
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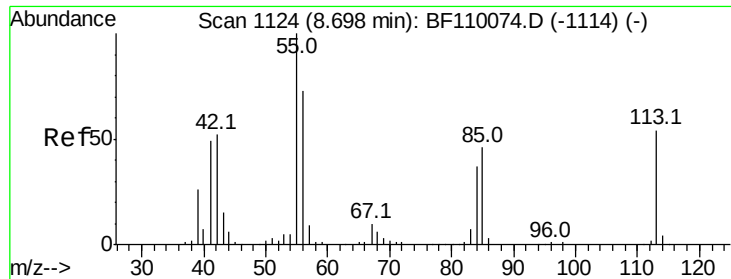
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#34
Hexachlorobutadiene
Concen: 41.925 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.4	77.2		
227	62.2	51.0	76.6		





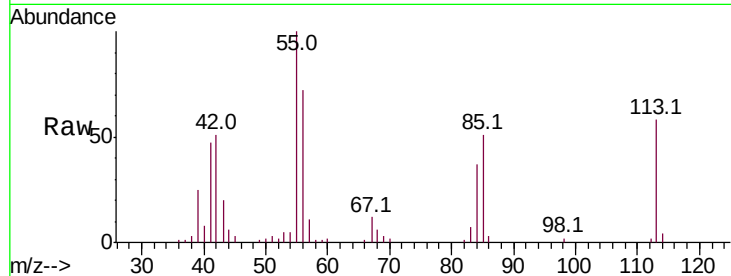
#35
 Caprolactam
 Concen: 36.099 ng/ml
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Instrument :
 BNA_F
 ClientSampleID :
 PB114382BS

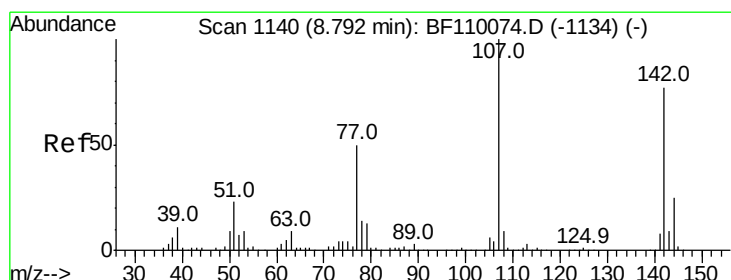
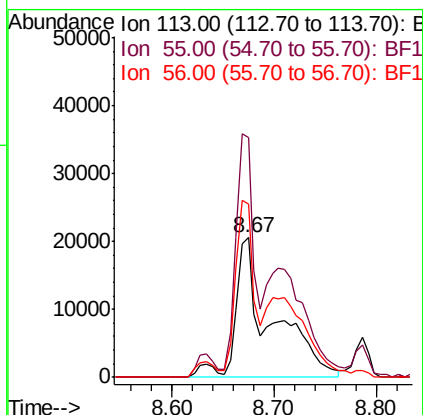
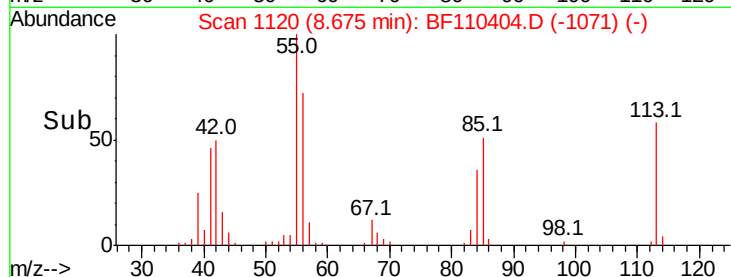
Tot Ion	Ratio	Lower	Upper
113	100		
55	171.9	142.8	182.8
56	124.5	105.0	145.0

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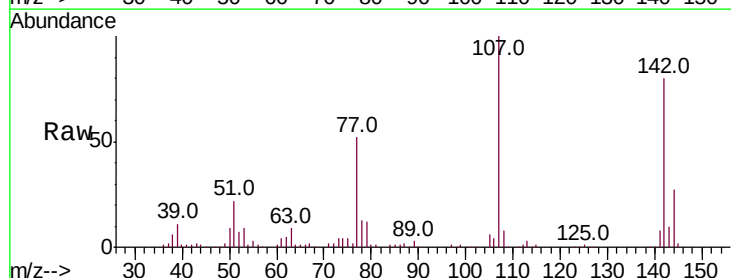


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

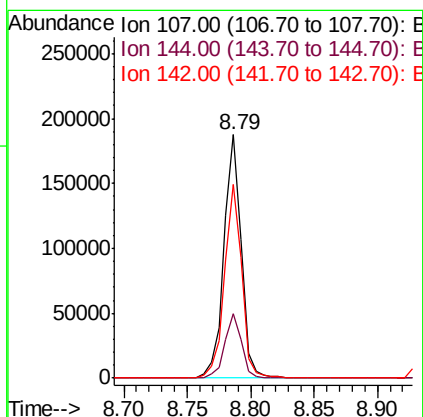
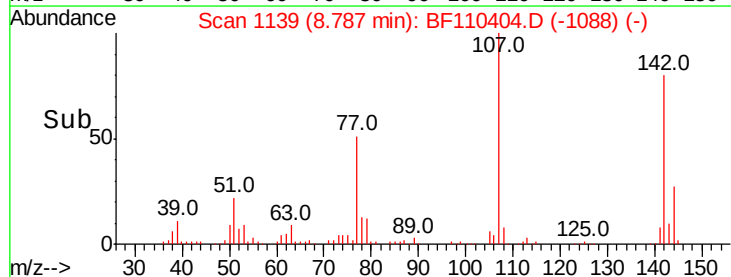


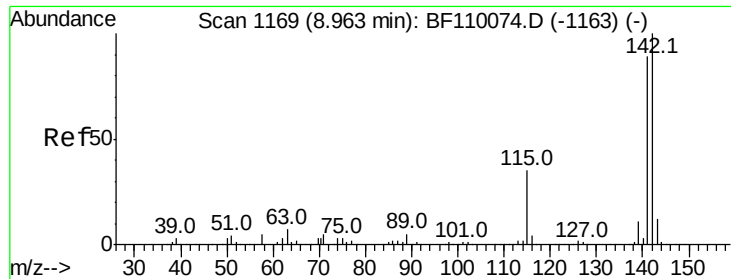
#36
 4-Chloro-3-methylphenol
 Concen: 41.214 ng/ml
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.0	30.0
142	79.5	59.7	89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





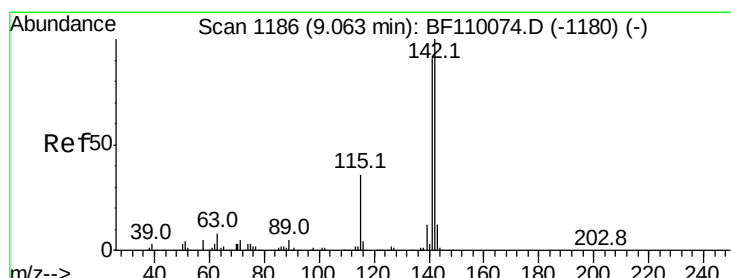
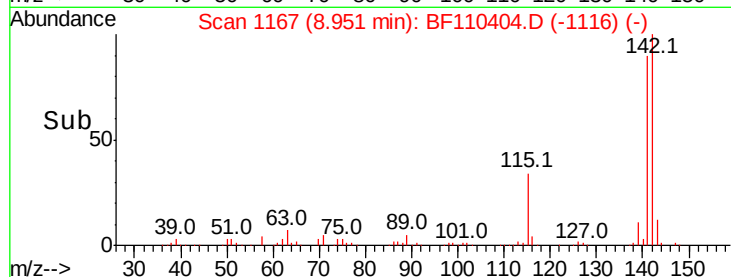
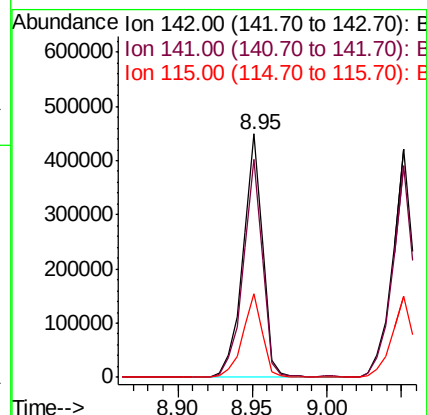
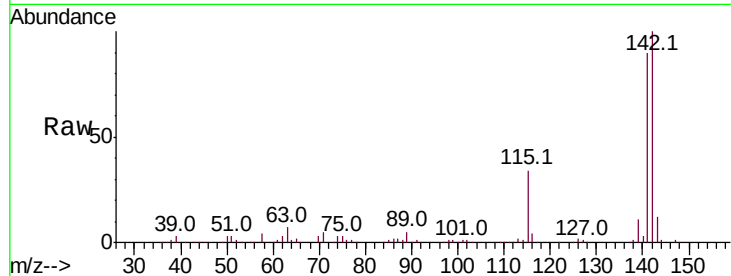
#37
2-Methylnaphthalene
Concen: 46.830 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	34.3	28.7	43.1

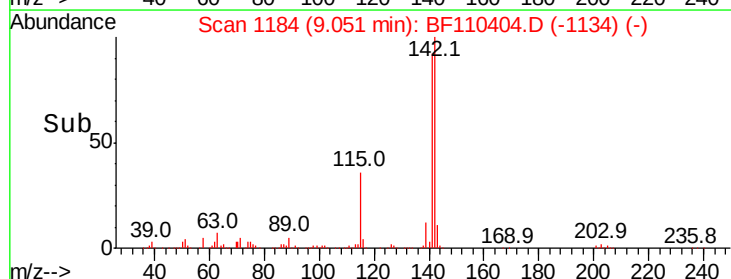
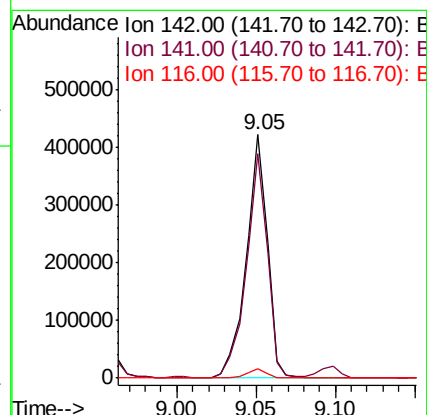
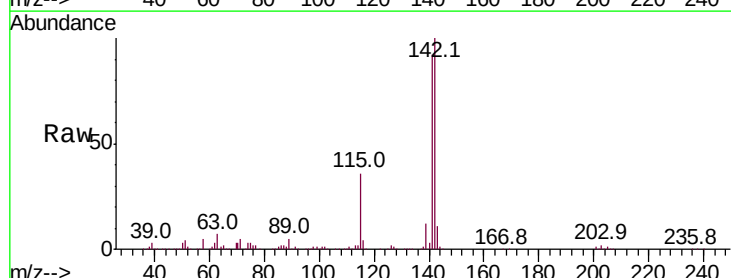
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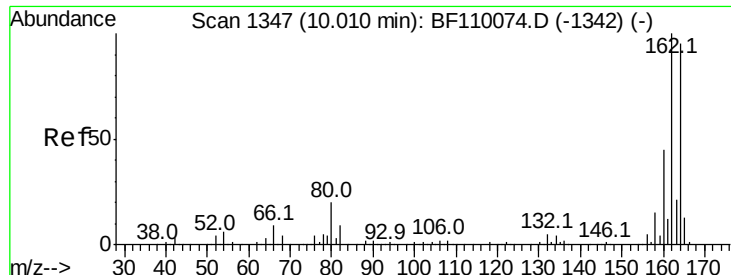
Sohil
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#38
1-Methylnaphthalene
Concen: 45.110 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	3.7	2.6	4.0





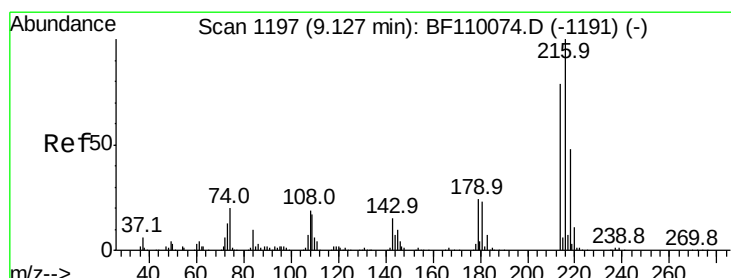
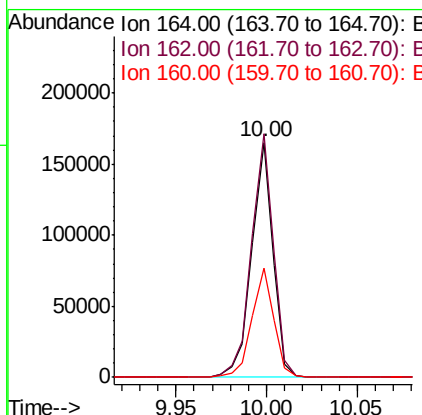
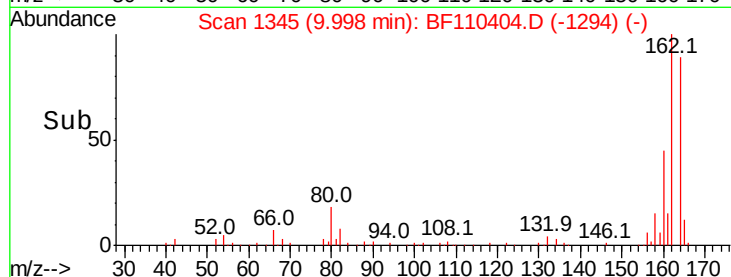
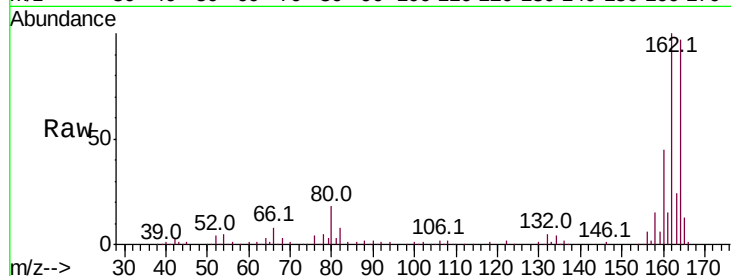
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	46.3	37.0	55.6

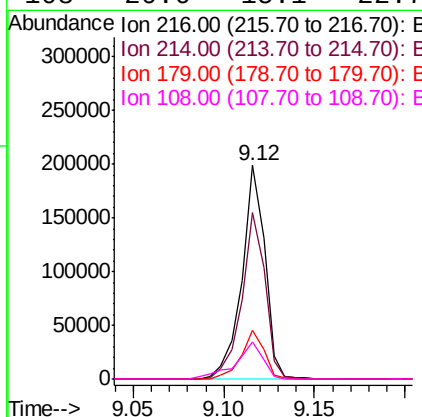
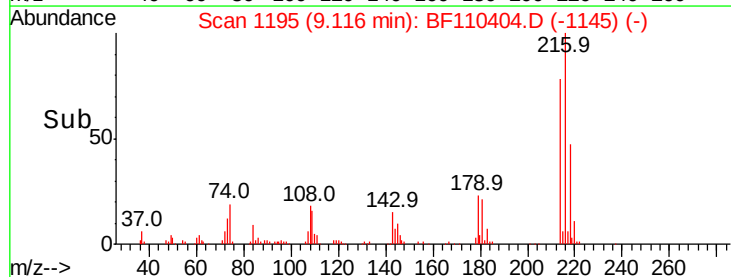
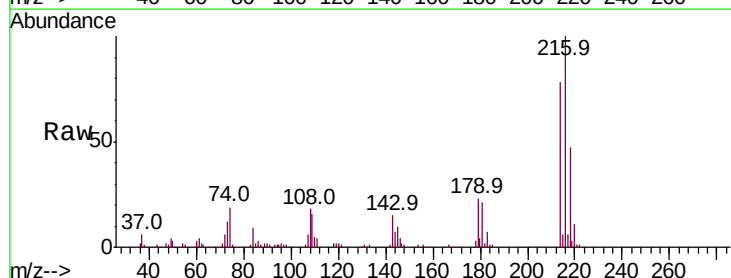
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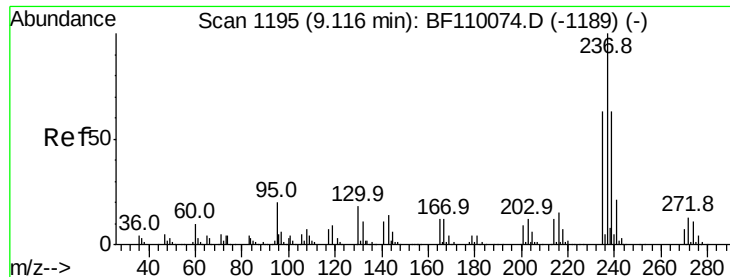
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.856 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	22.6	16.6	25.0
108	20.6	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 66.346 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

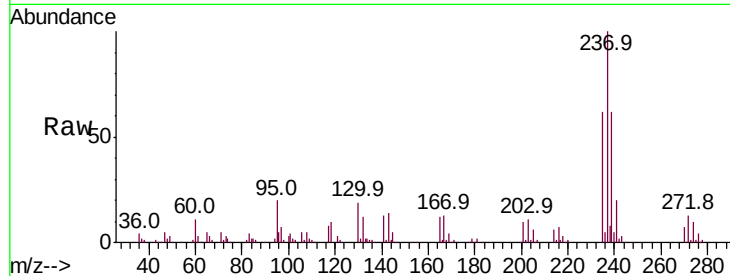
ClientSampleId :

PB114382BS

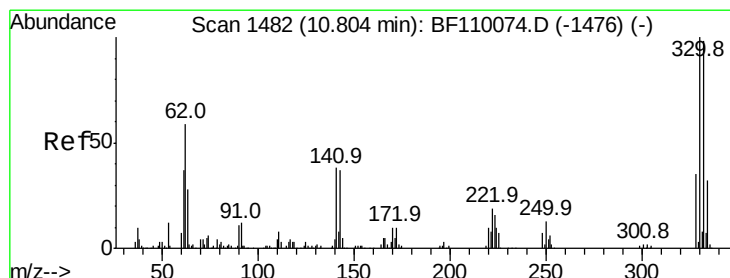
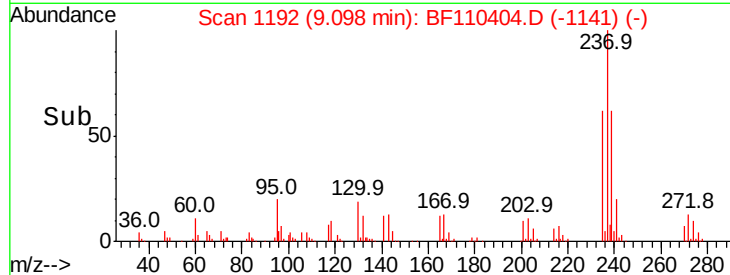
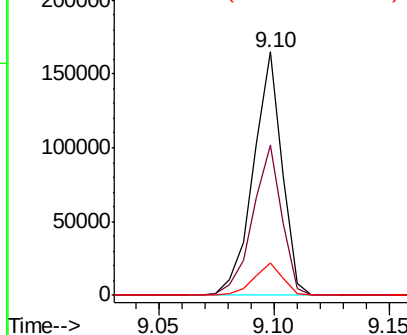
Tot Ion:	237	Resp:	142983
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.1	83.1
272	13.2	0.0	32.6

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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: 142.642 ng

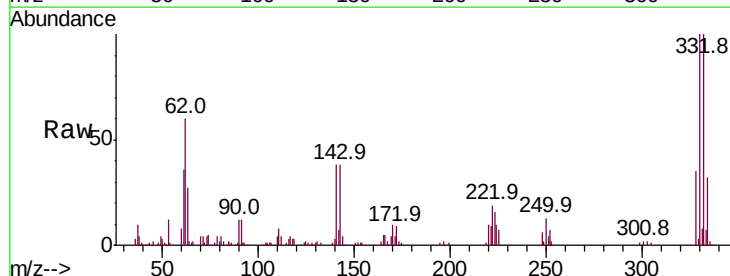
RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

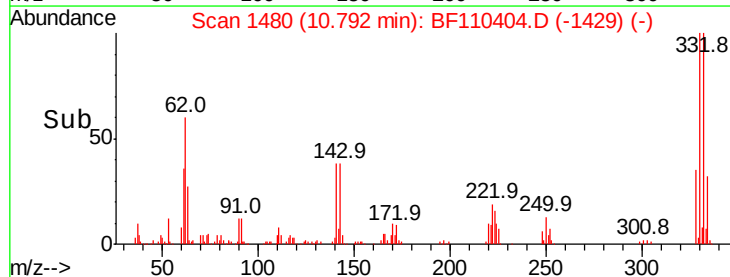
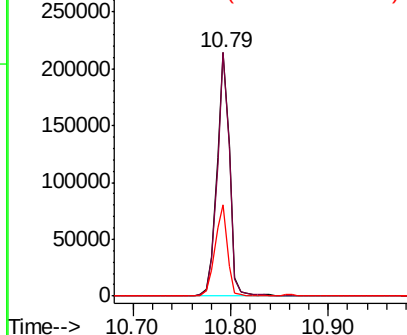
Lab File: BF110404.D

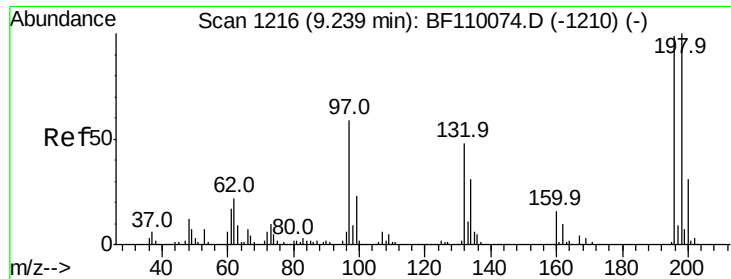
Acq: 2 Nov 2018 11:41

Tgt Ion:	330	Resp:	191130
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.1	115.7
141	37.4	27.0	40.4



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





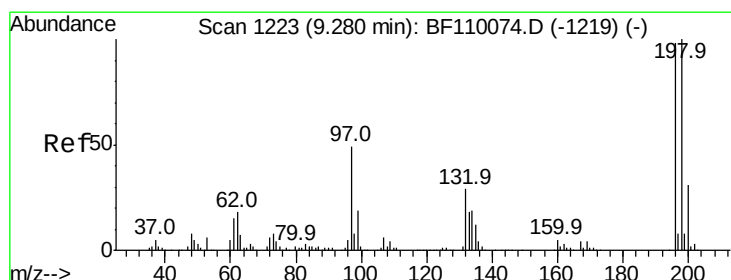
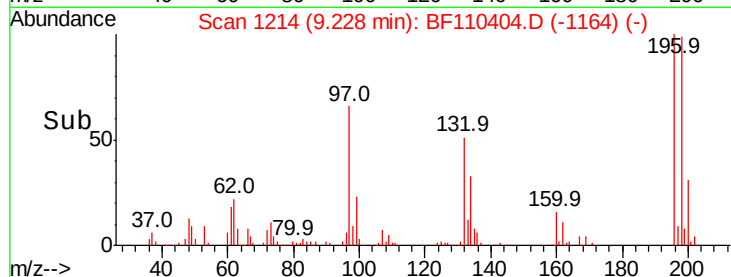
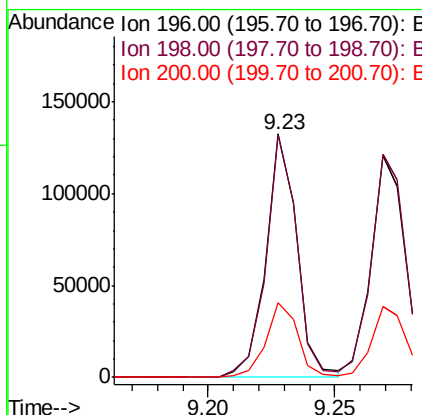
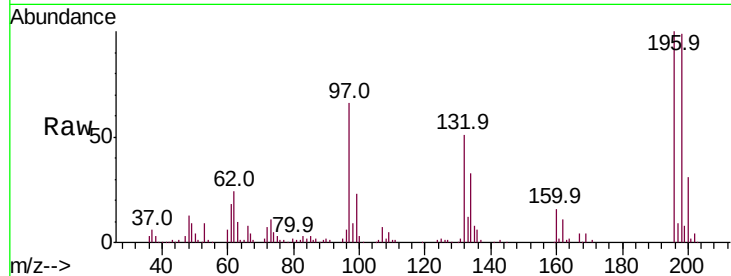
#43
 2,4,6-Trichlorophenol
 Concen: 41.953 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Instrument :
 BNA_F
 ClientSampled :
 PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	114046		
198	99.5	76.2	114.4	
200	30.6	24.4	36.6	

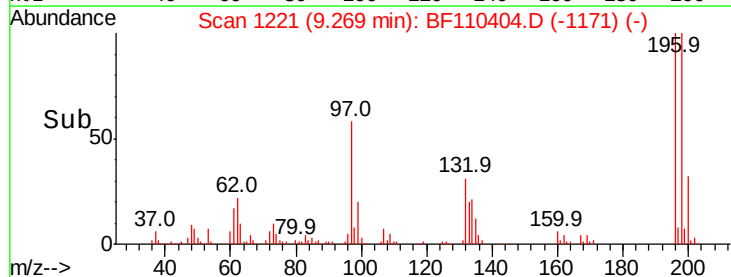
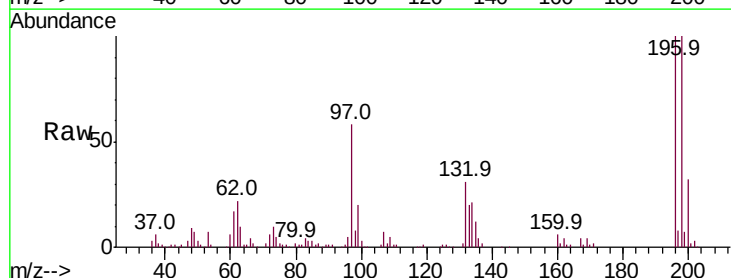
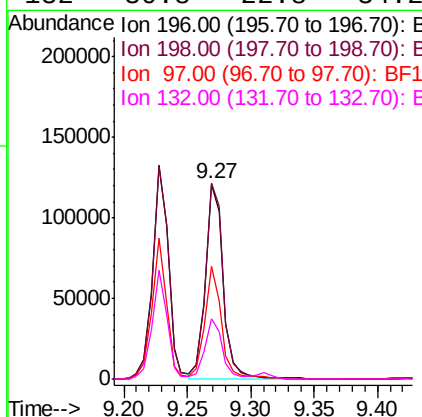
Manual Integrations
 APPROVED

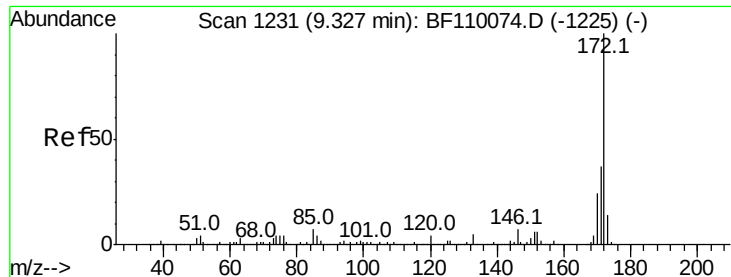
Sohil
 11/5/2018 10:32:29 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.412 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	118997		
198	100.3	75.8	113.6	
97	58.1	42.4	63.6	
132	30.8	22.8	34.2	





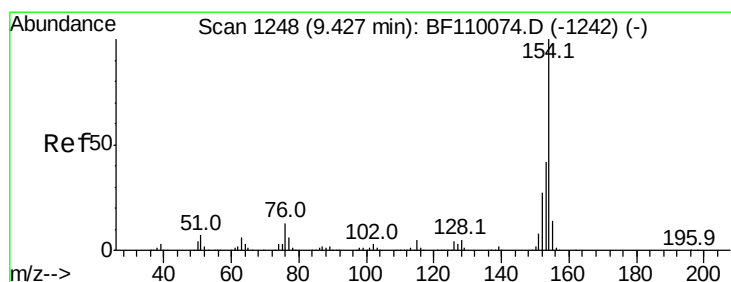
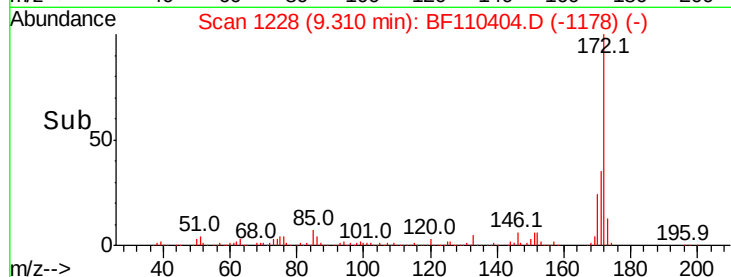
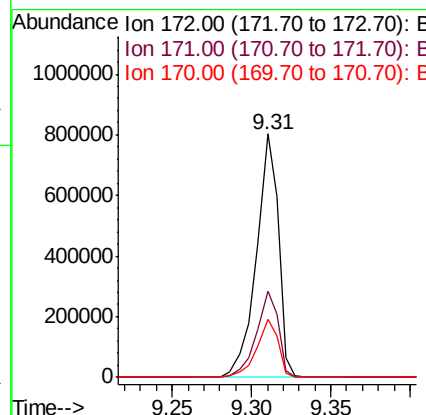
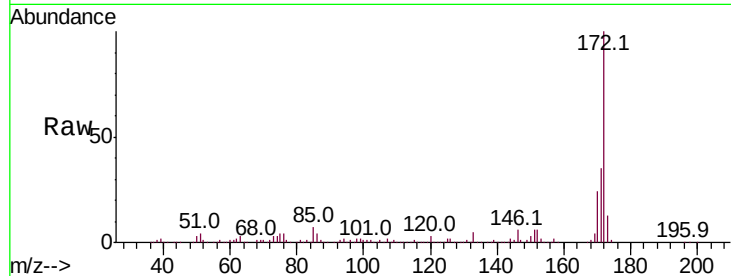
#45
2-Fluorobiphenyl
Concen: 89.819 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampled :
PB114382BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.7	19.7	29.5

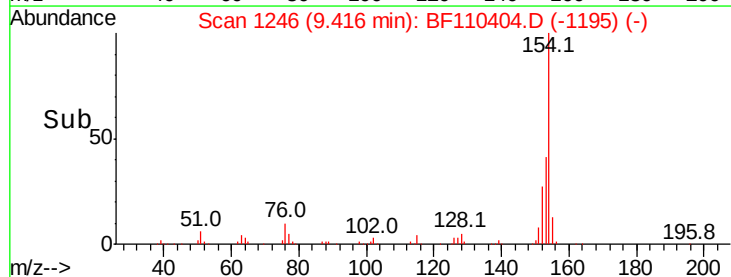
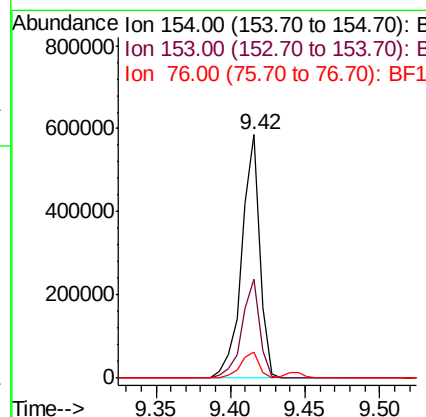
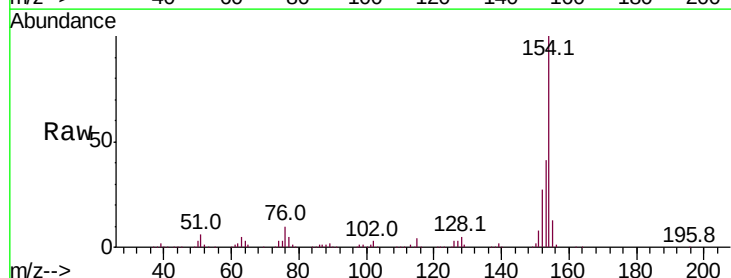
Manual Integrations
APPROVED

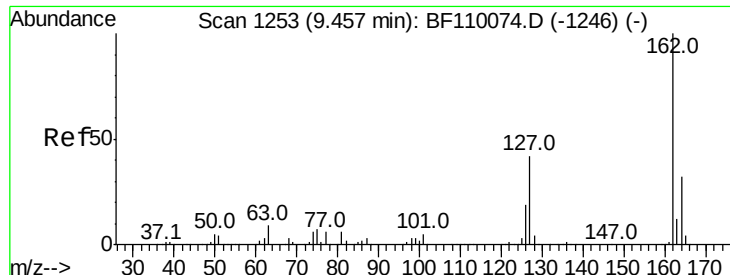
Sohil
11/5/2018 10:32:29 AM



#46
1,1'-Biphenyl
Concen: 40.701 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	10.4	0.0	31.9





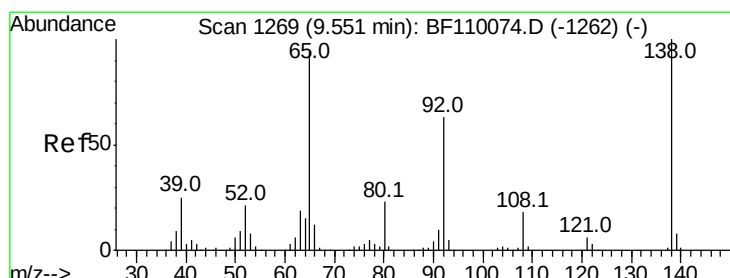
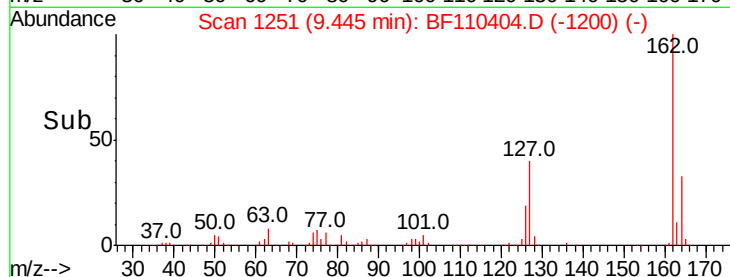
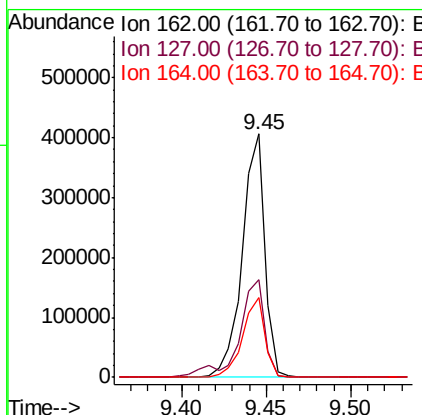
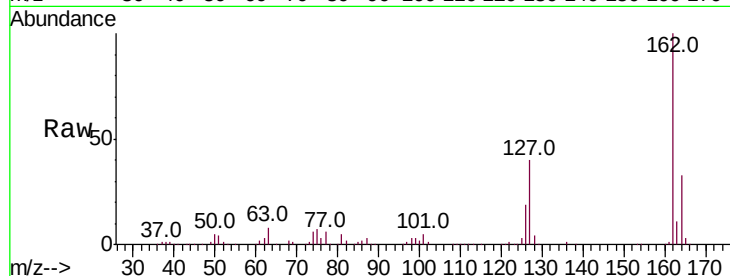
#47
 2-Chloronaphthalene
 Concen: 42.178 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Instrument :
 BNA_F
 ClientSampleID :
 PB114382BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.6	48.8
164	33.0	25.9	38.9

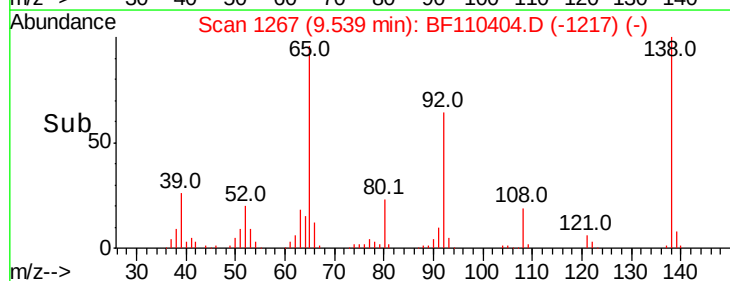
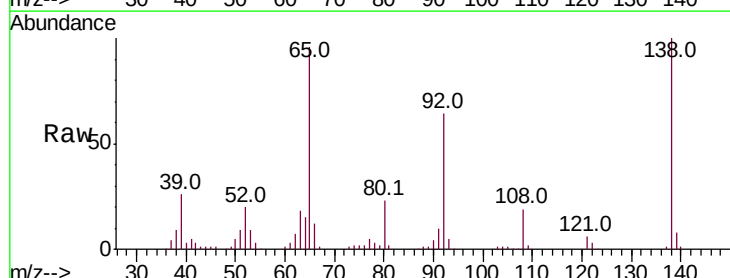
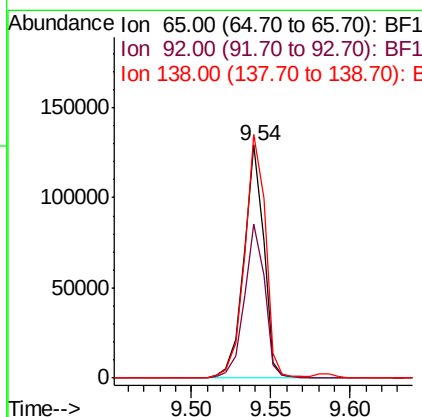
Manual Integrations
 APPROVED

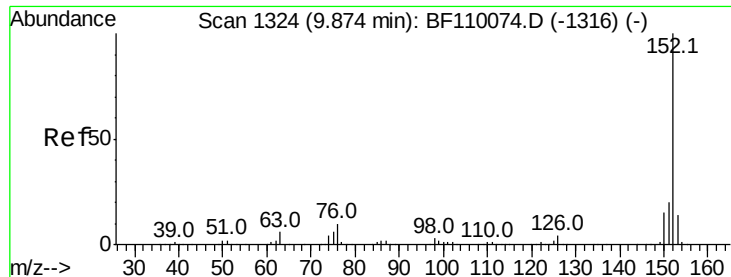
Sohil
 11/5/2018 10:32:29 AM



#48
 2-Nitroaniline
 Concen: 41.415 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	54.6	81.8
138	104.6	80.3	120.5





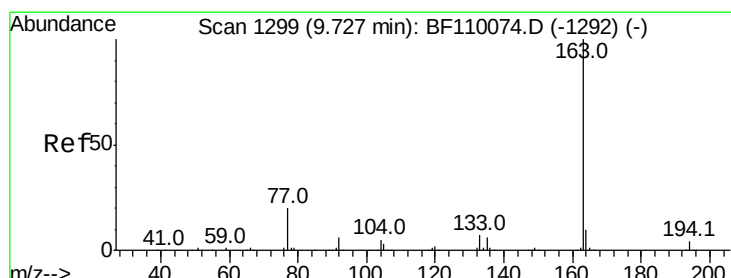
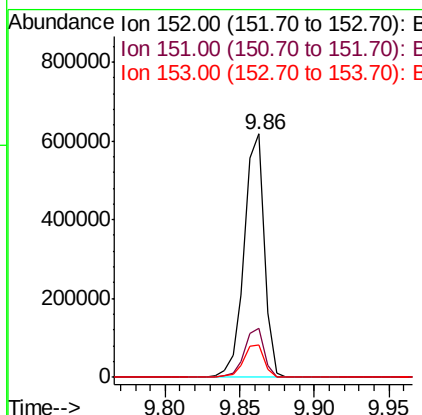
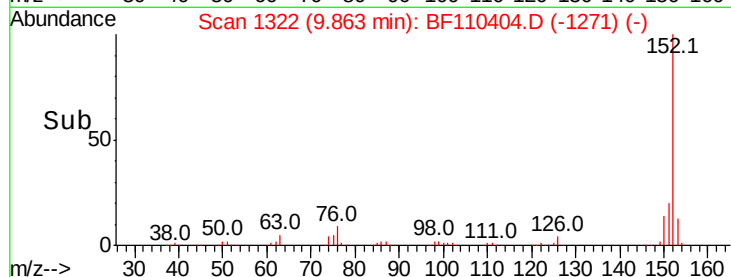
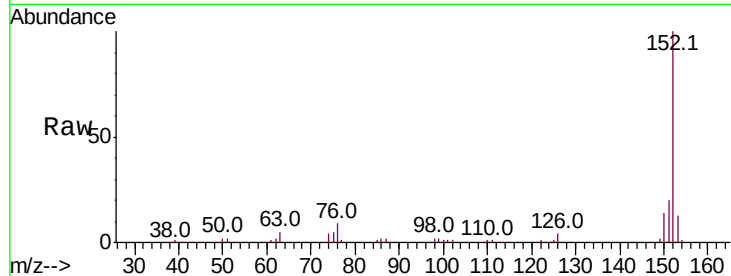
#49
Acenaphthylene
Concen: 44.792 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.4	15.8	23.8	
153	13.5	10.4	15.6	

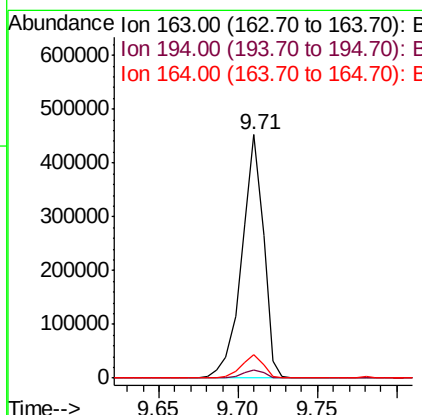
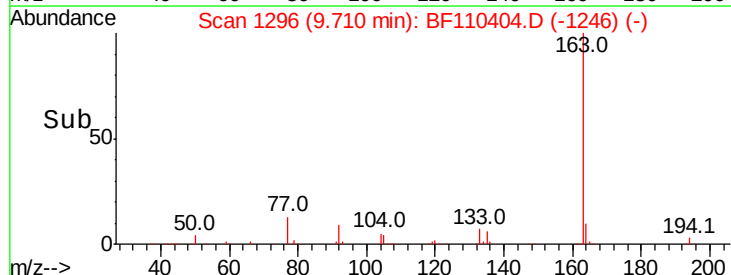
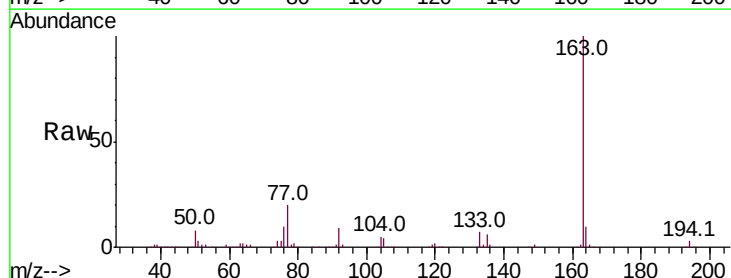
Manual Integrations
APPROVED

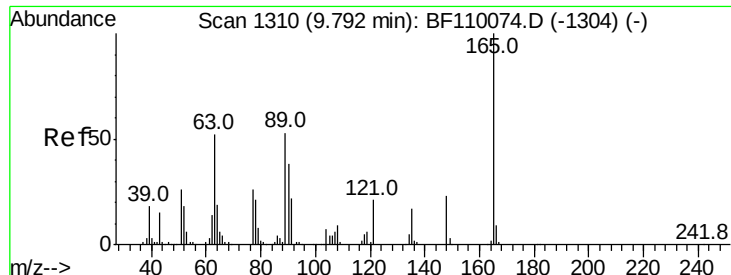
Sohil
11/5/2018 10:32:29 AM



#50
Dimethylphthalate
Concen: 42.821 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	3.2	4.8	
164	9.7	8.1	12.1	





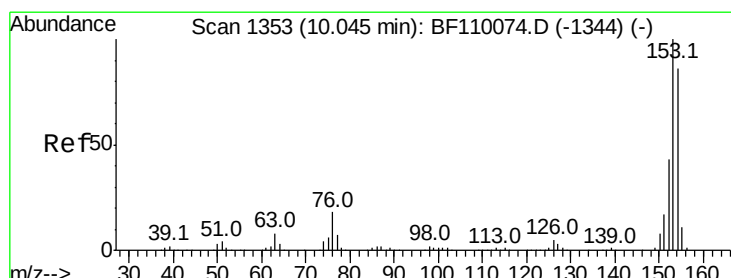
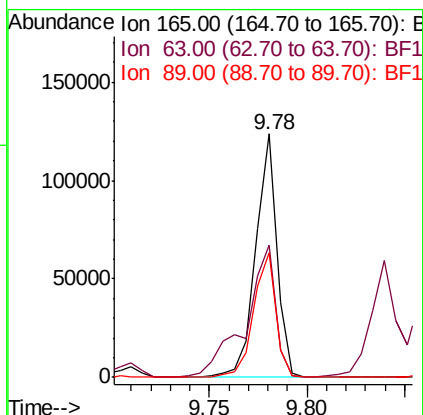
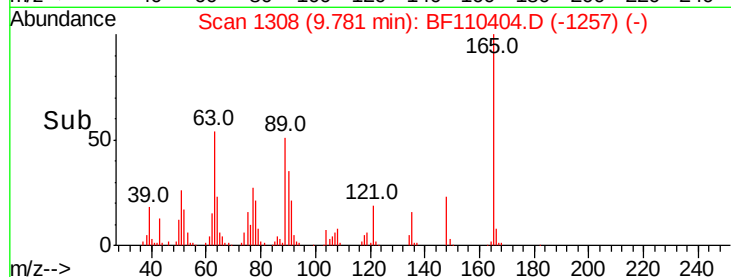
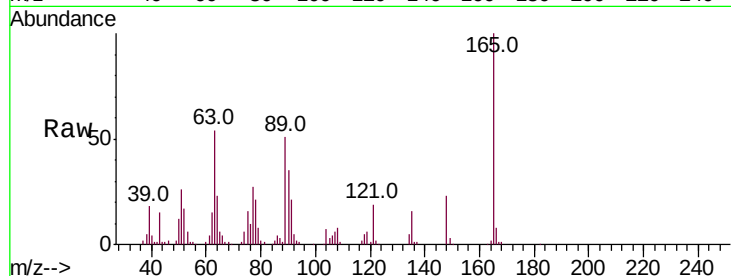
#51
2,6-Dinitrotoluene
Concen: 43.441 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.3	48.9	73.3
89	51.1	46.6	69.8

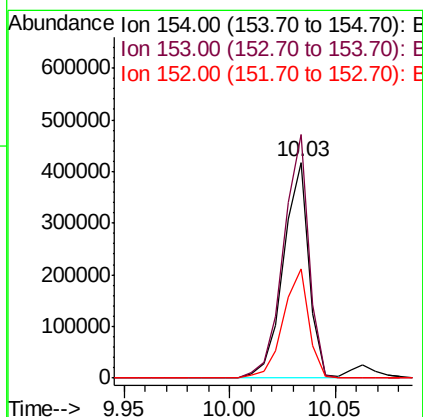
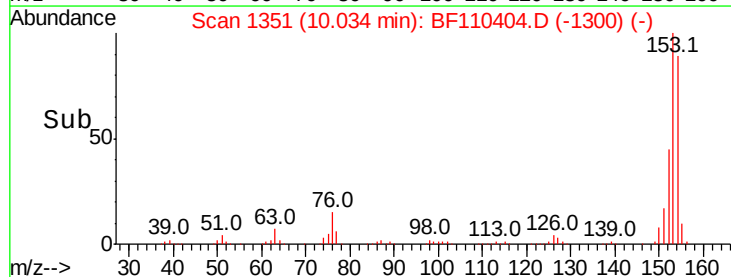
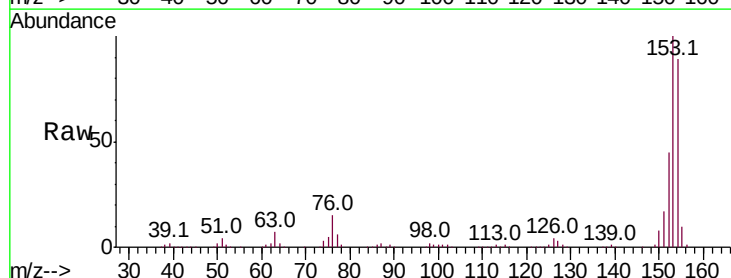
Manual Integrations
APPROVED

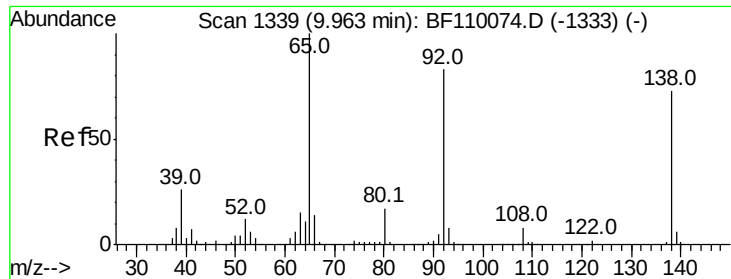
Sohil
11/5/2018 10:32:29 AM



#52
Acenaphthene
Concen: 41.265 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.1	135.1
152	50.6	43.4	65.2





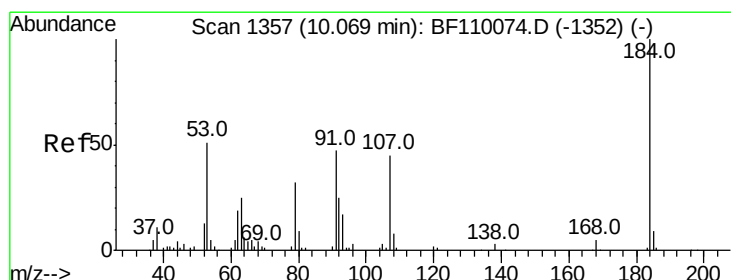
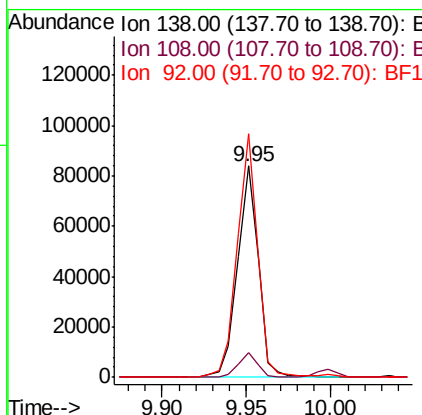
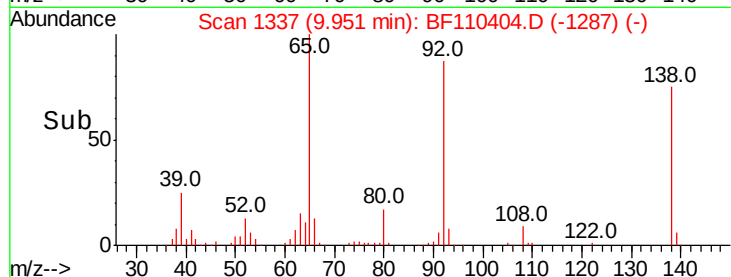
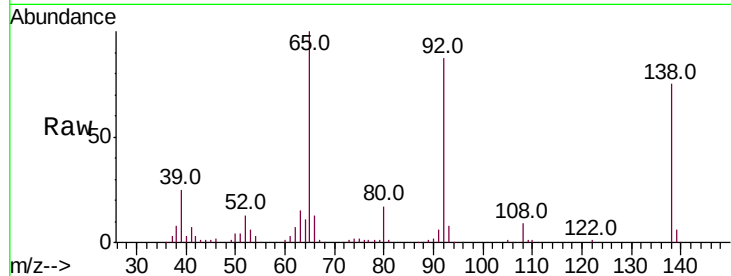
#53
3-Nitroaniline
Concen: 28.133 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion:138 Resp: 71959
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 115.1 97.0 145.4

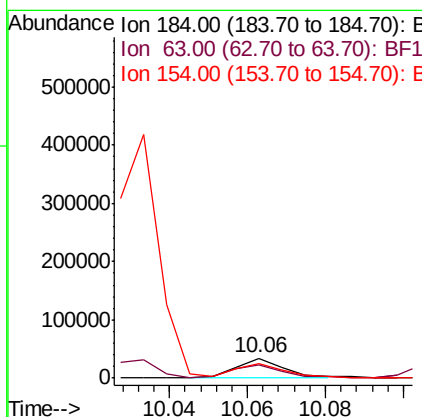
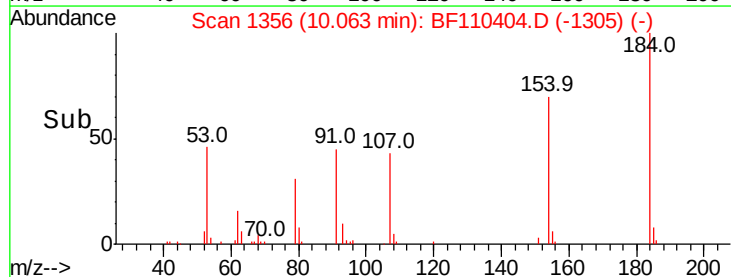
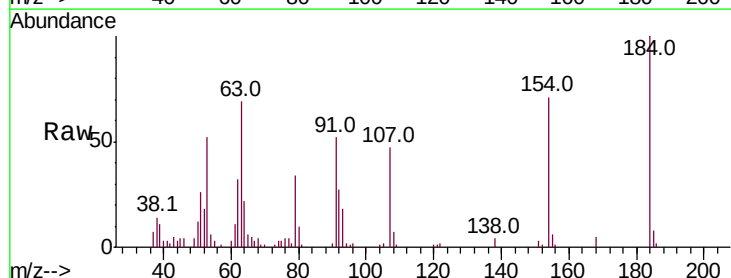
Manual Integrations
APPROVED

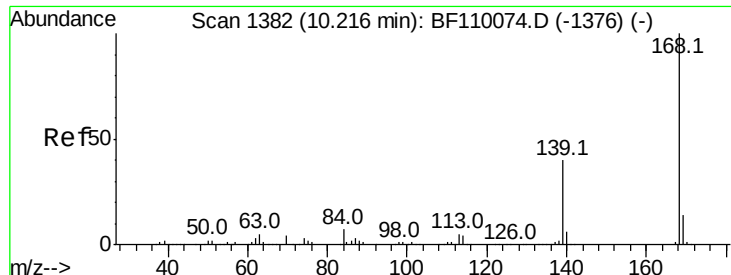
Sohil
11/5/2018 10:32:29 AM



#54
2,4-Dinitrophenol
Concen: 37.831 ng m
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:184 Resp: 29804
Ion Ratio Lower Upper
184 100
63 68.6 55.8 83.6
154 70.6 63.2 94.8





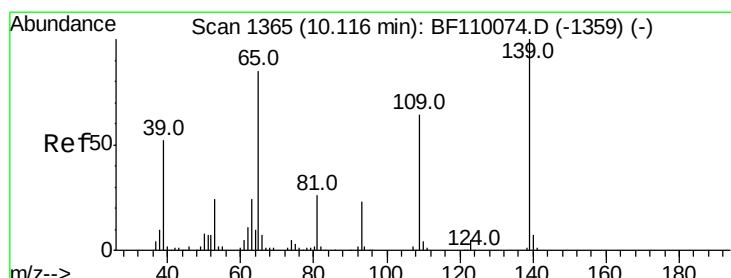
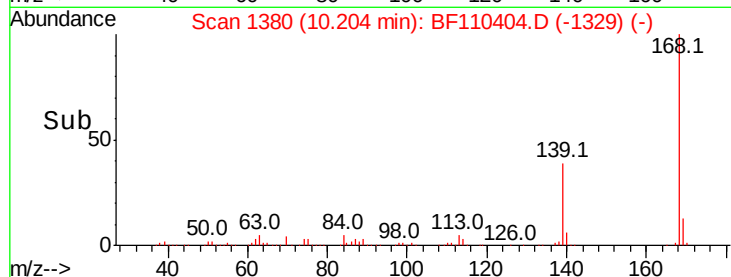
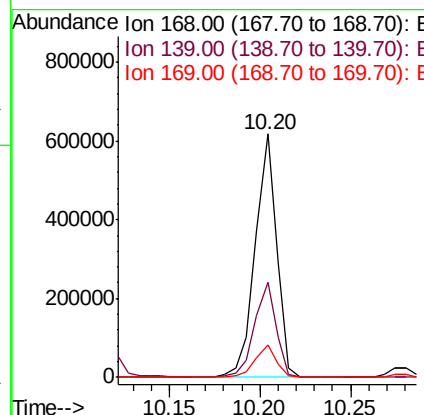
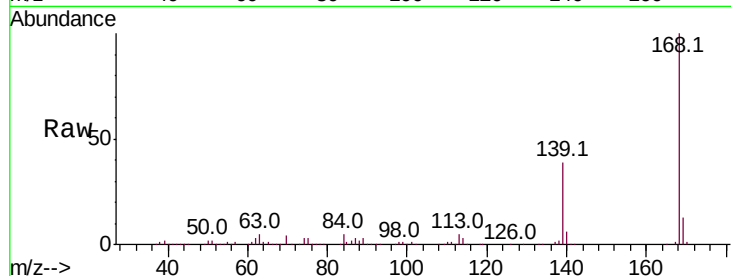
#55
Dibenzenofuran
Concen: 42.313 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.0	33.0	49.6	
169	13.1	11.3	16.9	

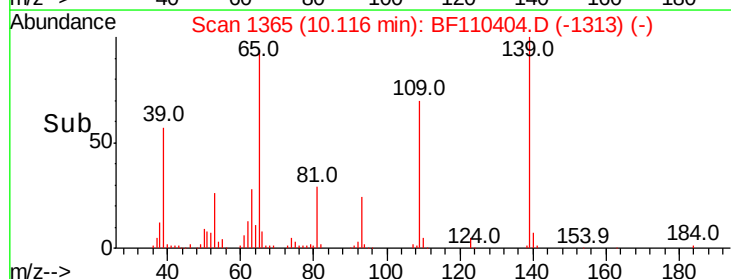
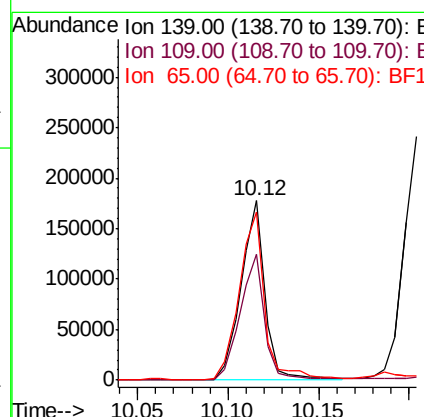
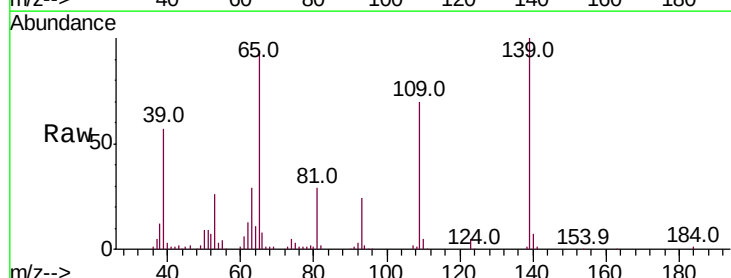
Manual Integrations
APPROVED

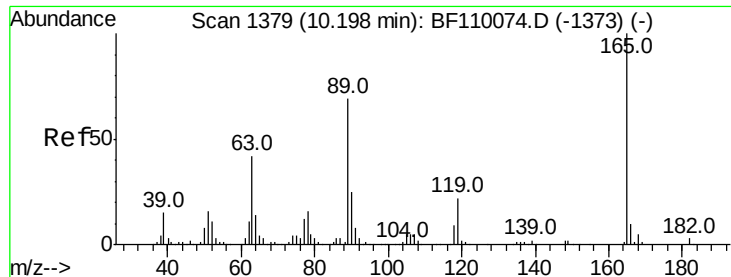
Sohil
11/5/2018 10:32:29 AM



#56
4-Nitrophenol
Concen: 86.385 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.5	55.8	95.8	
65	93.8	77.9	117.9	





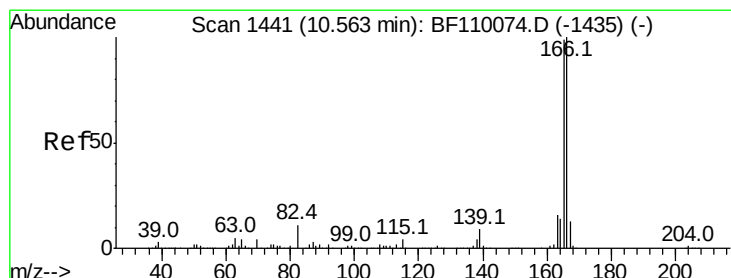
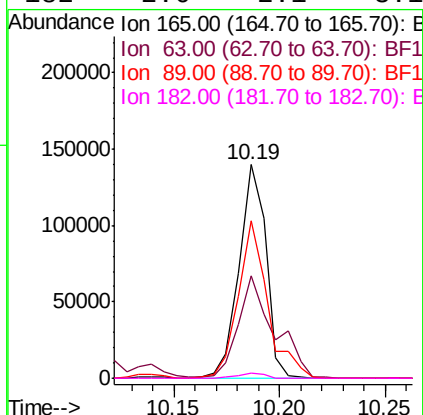
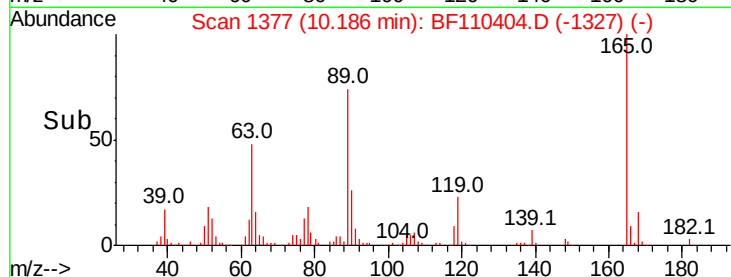
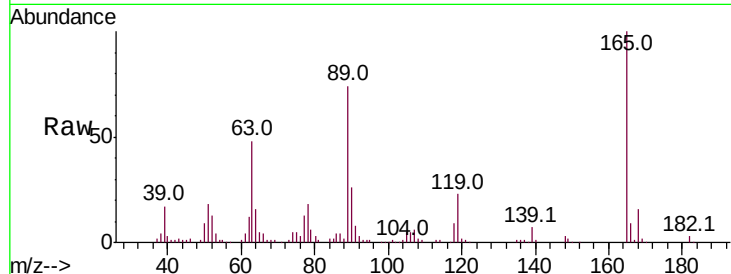
#57
2,4-Dinitrotoluene
Concen: 45.152 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	44.8	67.2
89	73.9	62.2	93.4
182	2.6	2.1	3.1

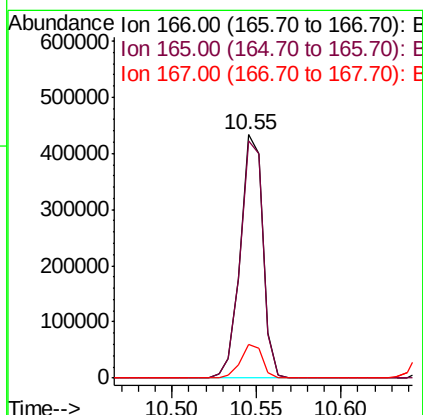
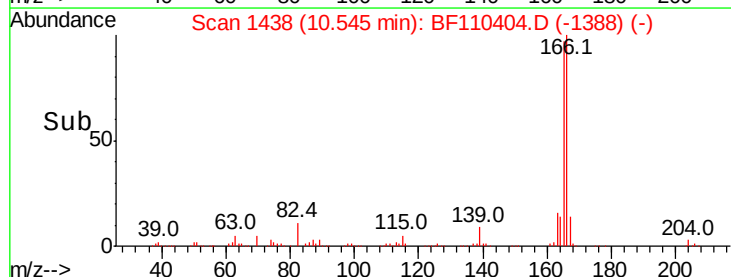
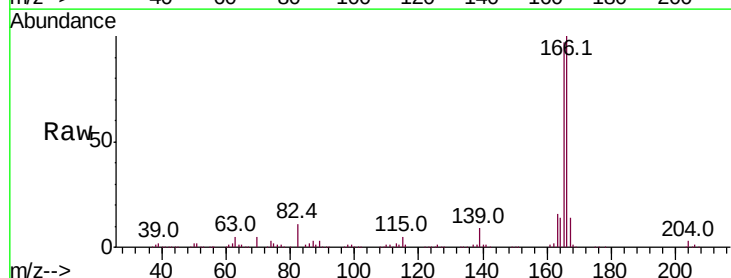
Manual Integrations
APPROVED

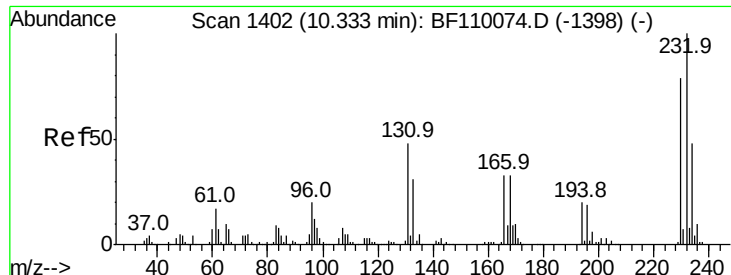
Sohil
11/5/2018 10:32:29 AM



#58
Fluorene
Concen: 45.066 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	117.8
167	13.7	10.8	16.2





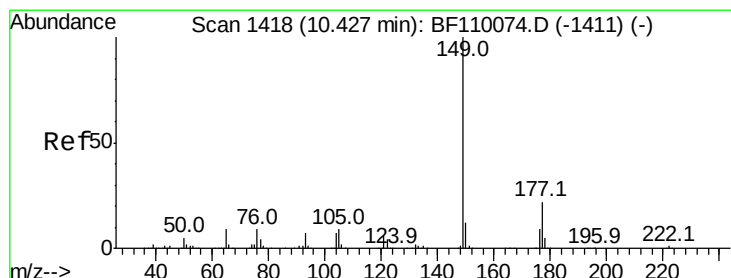
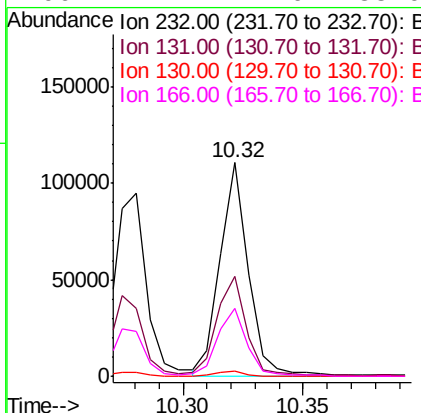
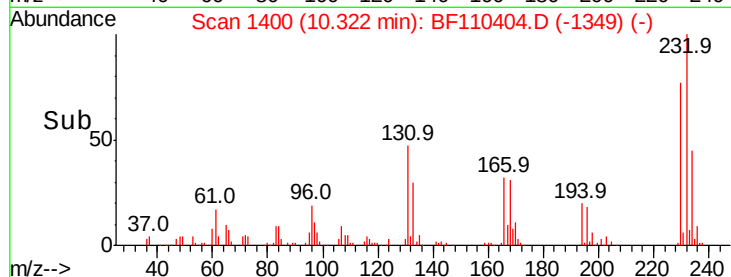
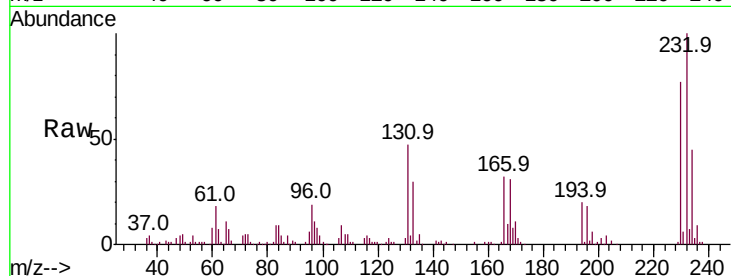
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.299 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.2	37.0	55.4
130	2.1	1.8	2.6
166	24.7	22.0	33.0

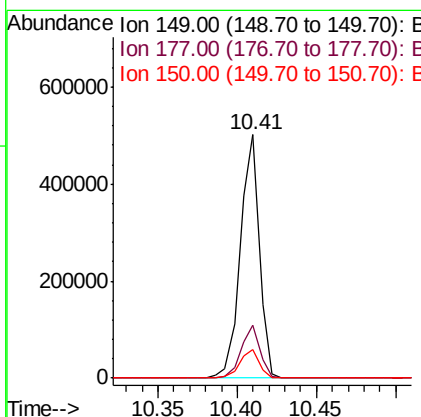
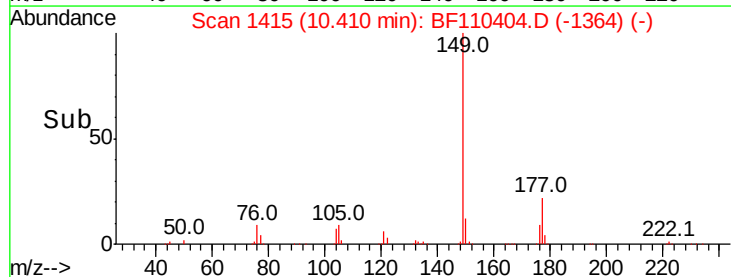
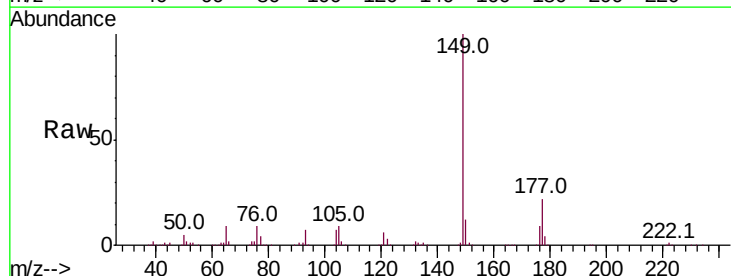
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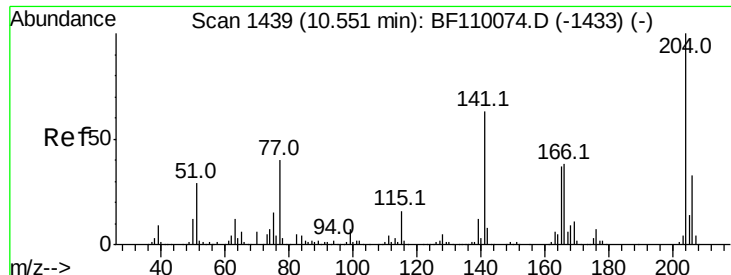
Sohil
11/5/2018 10:32:29 AM



#60
Diethylphthalate
Concen: 42.847 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.2
150	12.0	9.8	14.8





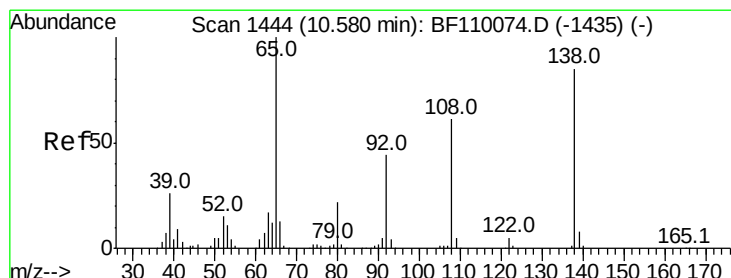
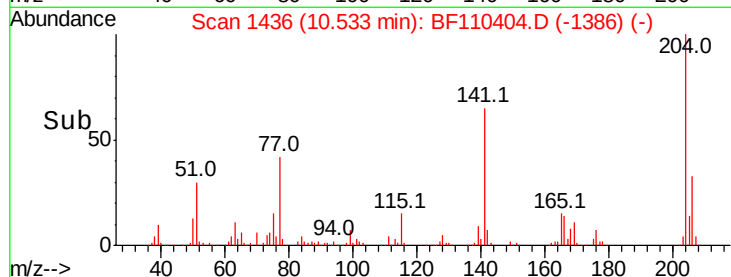
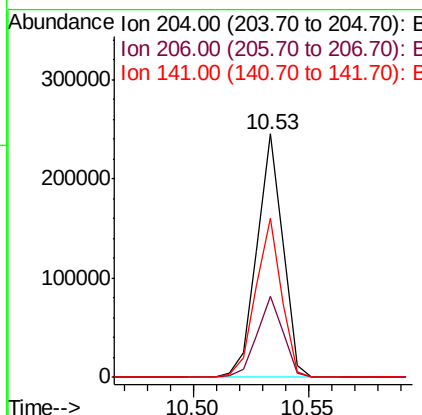
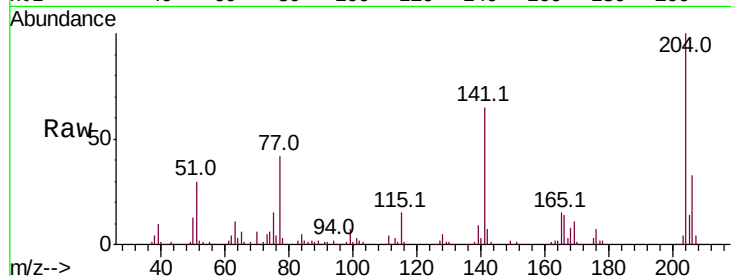
#61
4-Chlorophenyl-phenylether
Concen: 41.038 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.5	26.5	39.7
141	65.4	51.8	77.8

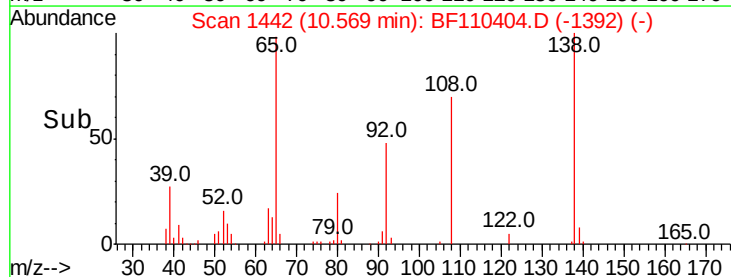
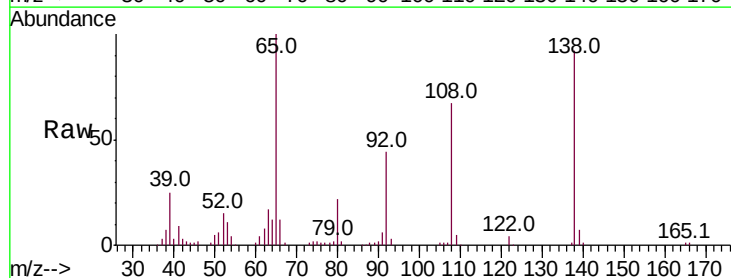
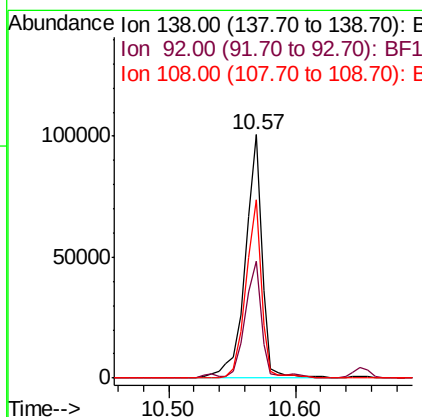
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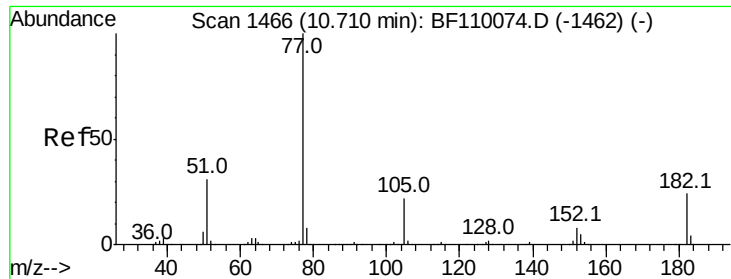
Sohil
11/5/2018 10:32:29 AM



#62
4-Nitroaniline
Concen: 36.391 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	47.9	31.7	71.7
108	73.3	59.3	99.3





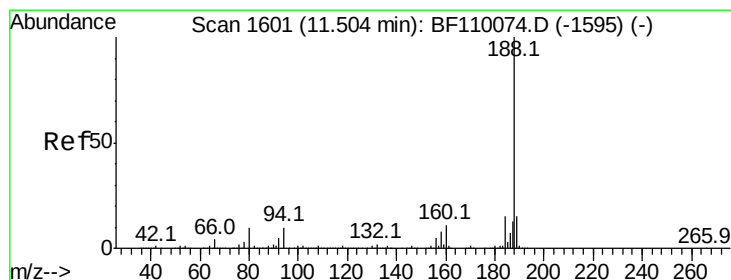
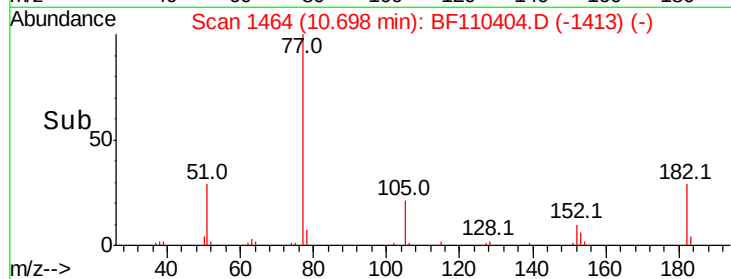
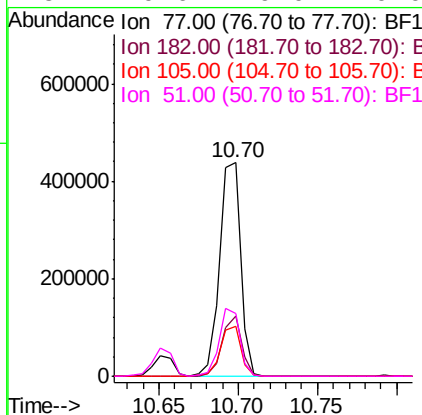
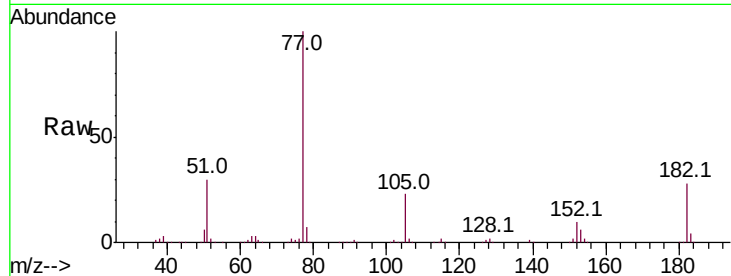
#63
Azobenzene
Concen: 41.895 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.2	4.3	44.3	
105	23.4	1.3	41.3	
51	29.6	9.0	49.0	

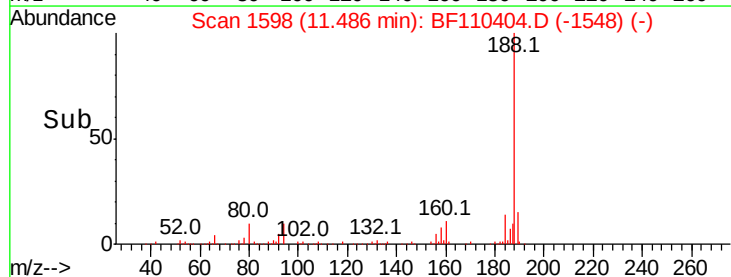
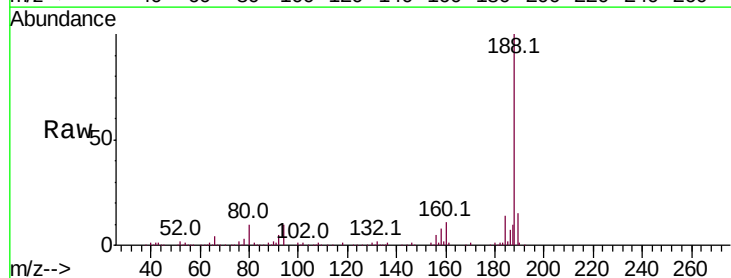
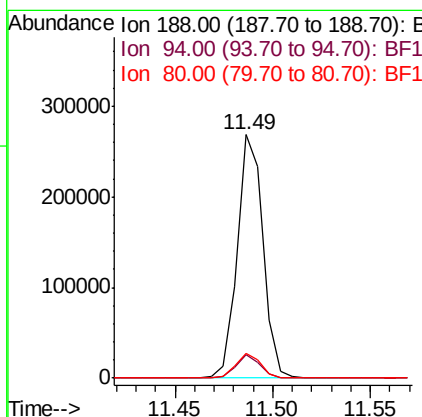
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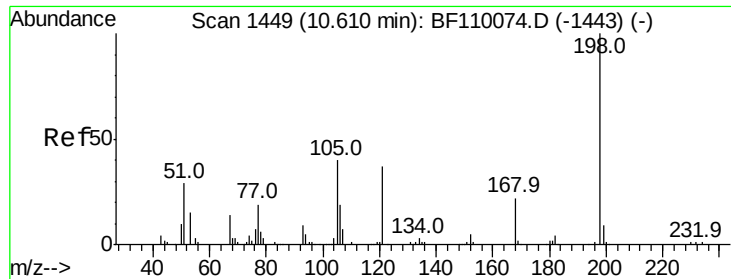
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.6	7.2	10.8	
80	10.1	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 28.100 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampled :

PB114382BS

Tot Ion:198 Resp: 31390

Ion Ratio Lower Upper

198 100

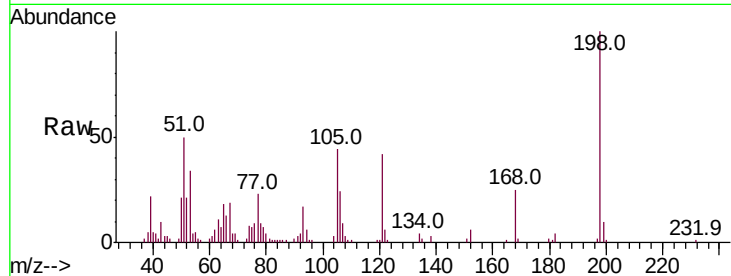
51 50.4 22.8 62.8

105 44.0 23.6 63.6

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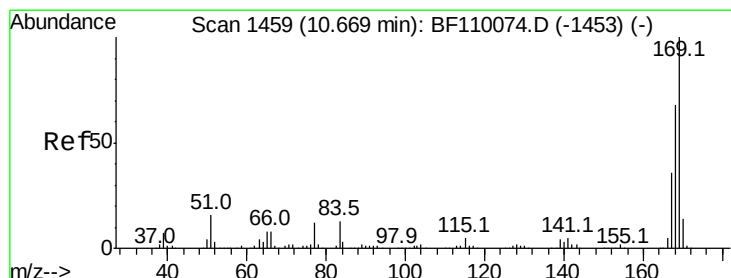
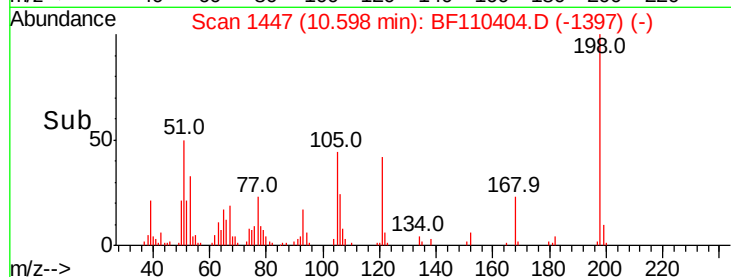
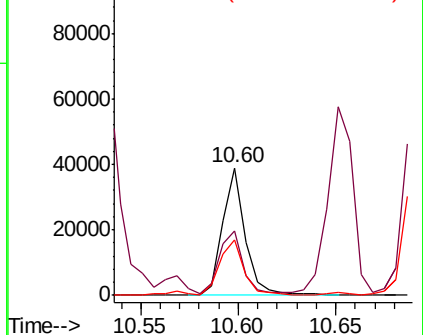
11/5/2018 10:32:29 AM



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: 43.614 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

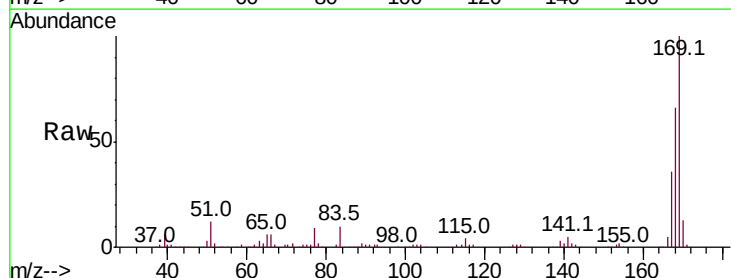
Tgt Ion:169 Resp: 349775

Ion Ratio Lower Upper

169 100

168 65.6 51.2 76.8

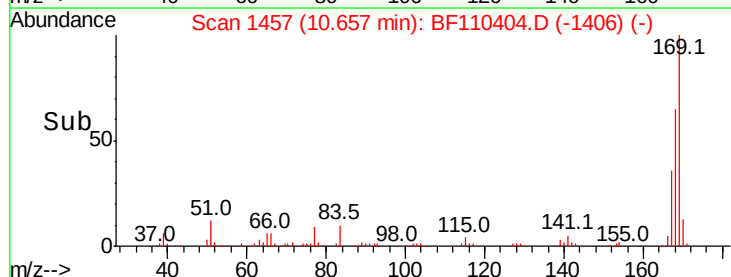
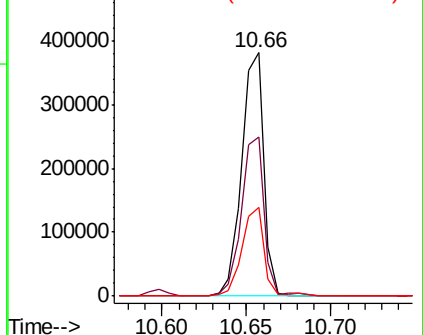
167 36.2 27.8 41.6

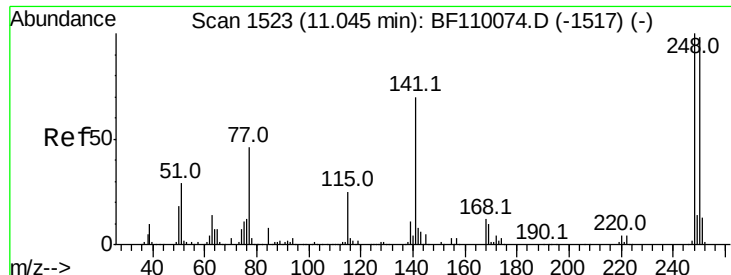


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





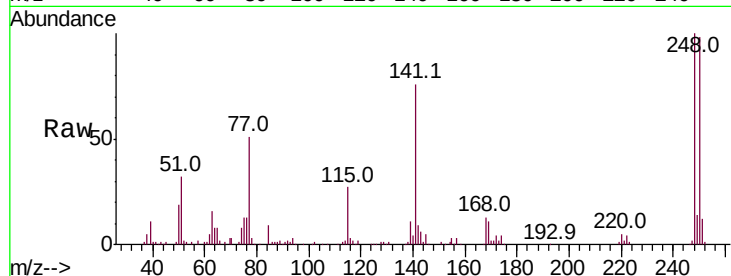
#67
 4-Bromophenyl-phenylether
 Concen: 41.899 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tot Ion:	248	Resp:	111123
Ion Ratio	Lower	Upper	
248	100		
250	97.8	79.4	119.2
141	75.5	55.9	83.9

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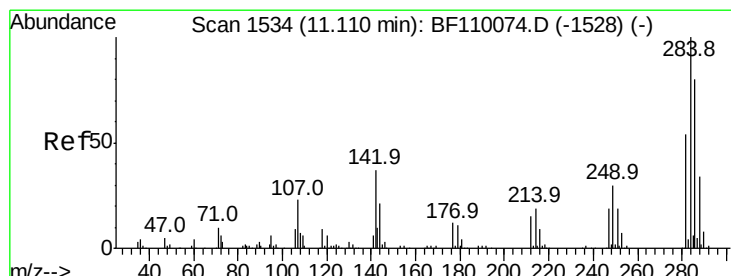
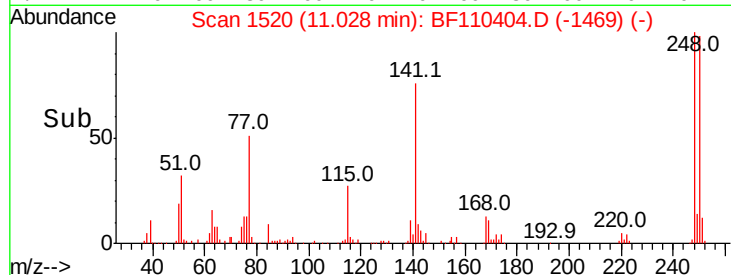
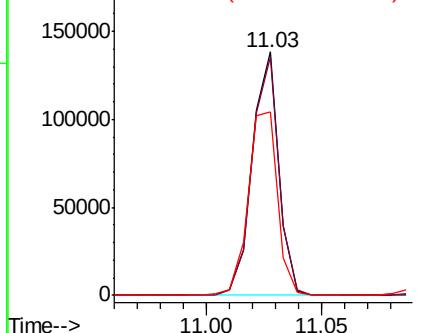


Abundance

Ion 248.00 (247.70 to 248.70): E

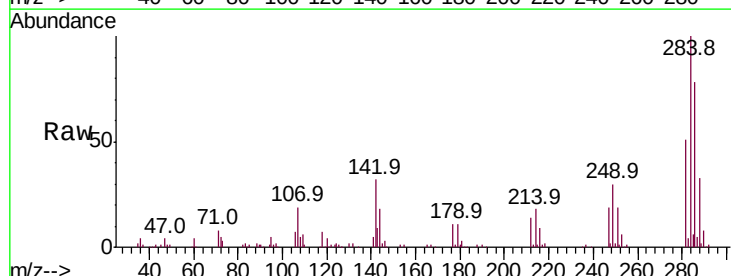
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.249 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion:	284	Resp:	118888
Ion Ratio	Lower	Upper	
284	100		
142	32.3	23.9	35.9
249	29.9	24.2	36.2

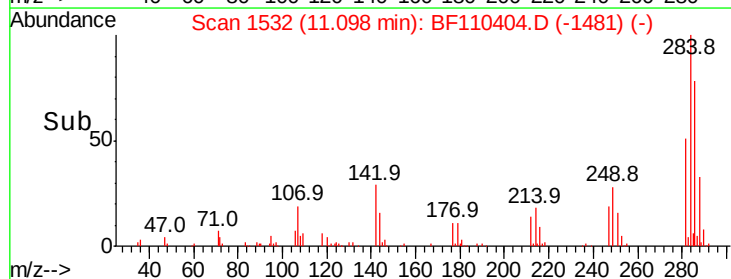
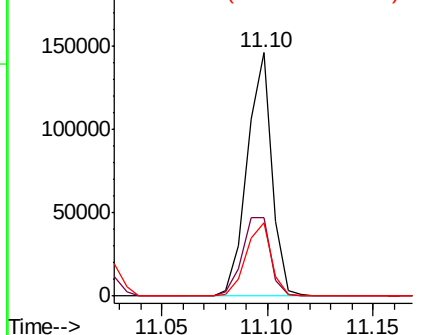


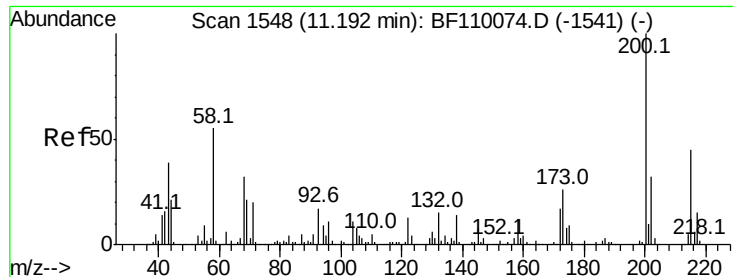
Abundance

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





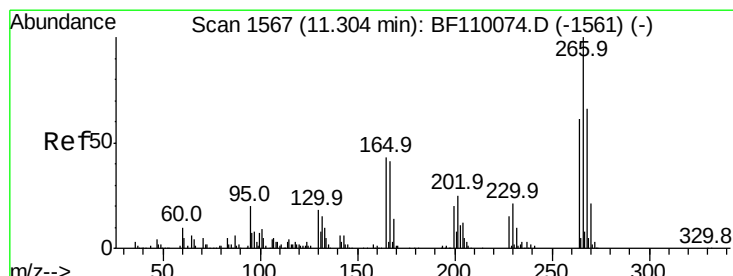
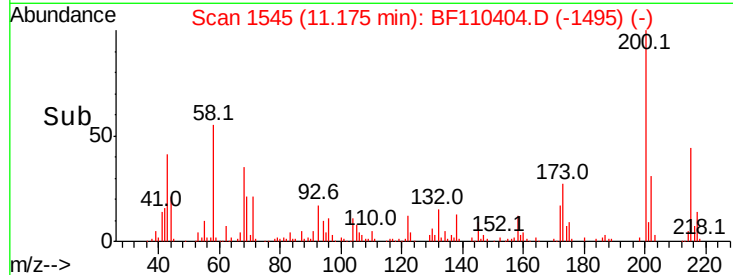
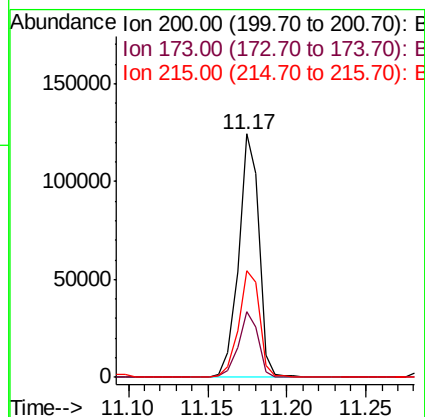
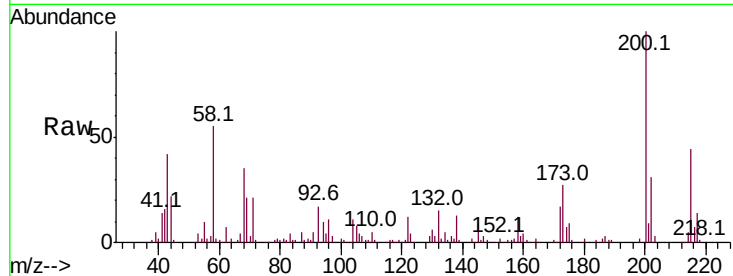
#69
Atrazine
Concen: 43.558 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.6	46.6
215	43.8	26.3	66.3

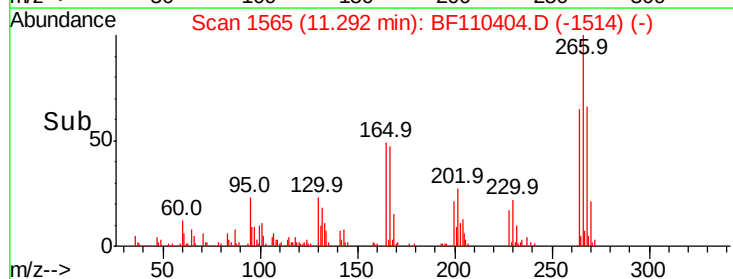
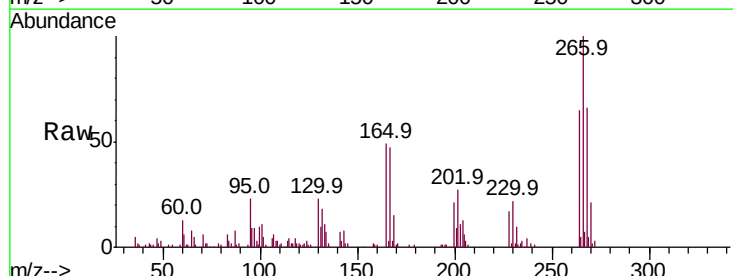
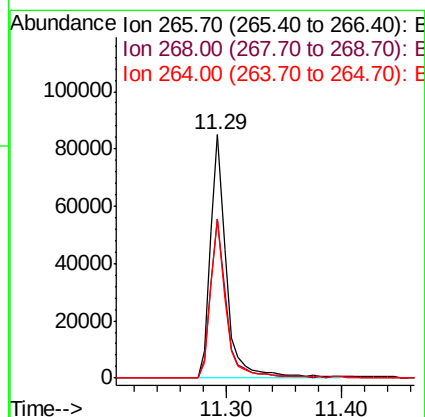
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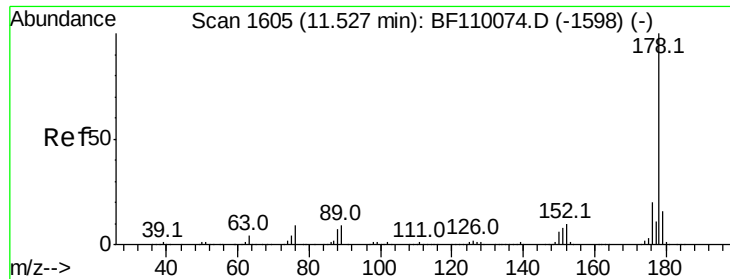
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#70
Pentachlorophenol
Concen: 50.306 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.6	75.8
264	65.5	50.6	75.8





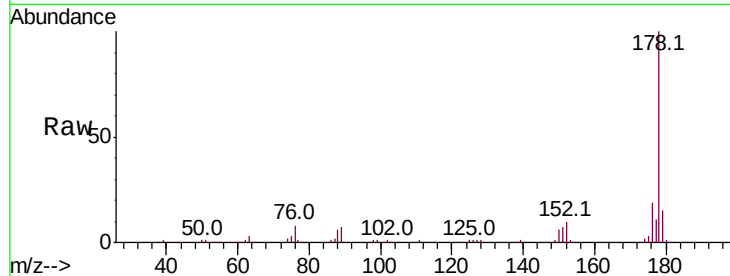
#71
Phenanthrene
Concen: 44.927 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

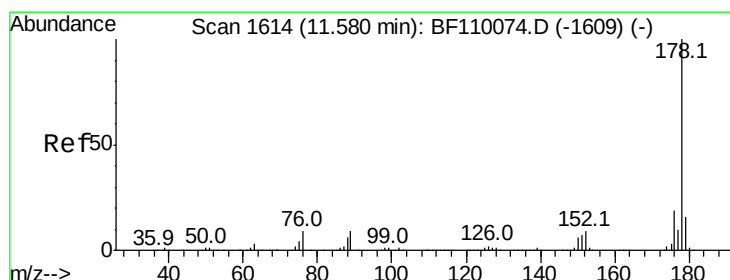
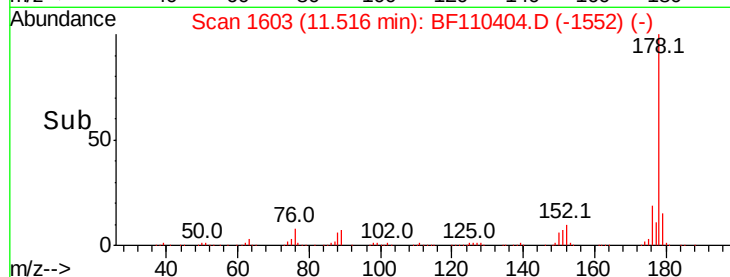
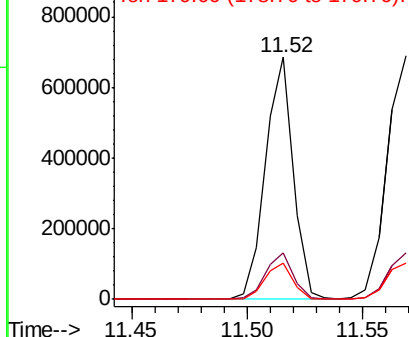
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.1	12.5	18.7

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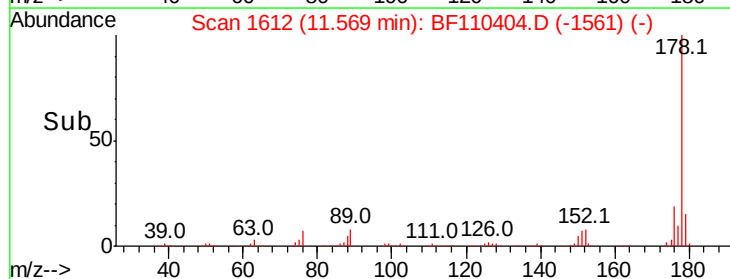
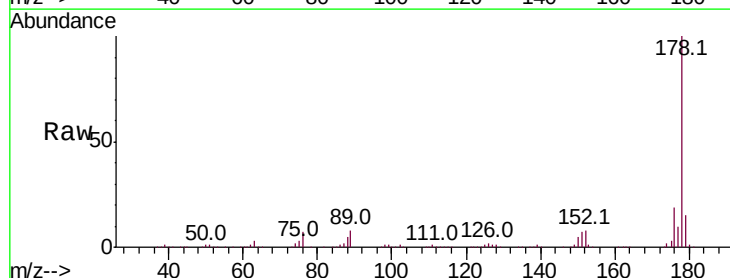
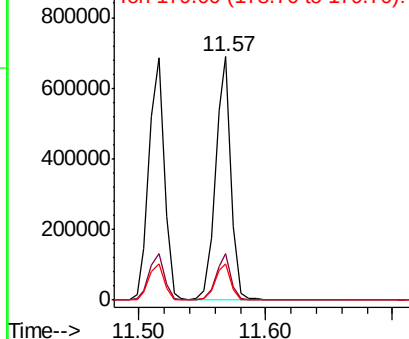
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

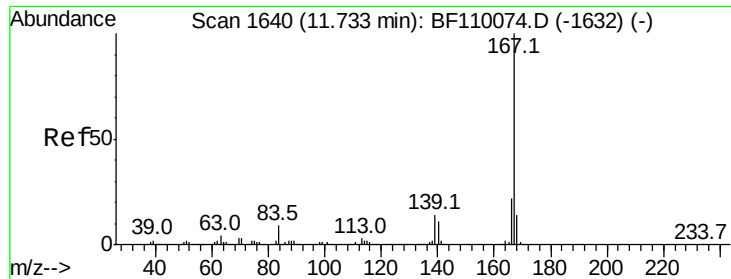


#72
Anthracene
Concen: 45.967 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	14.9	12.6	18.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.101 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

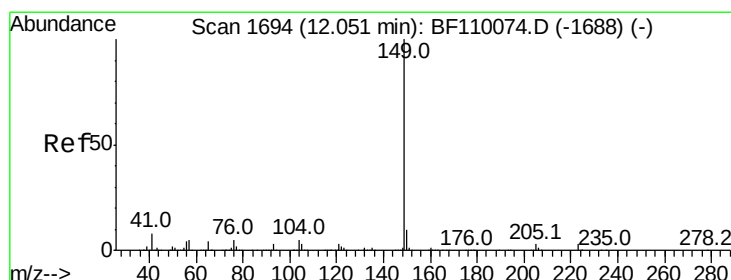
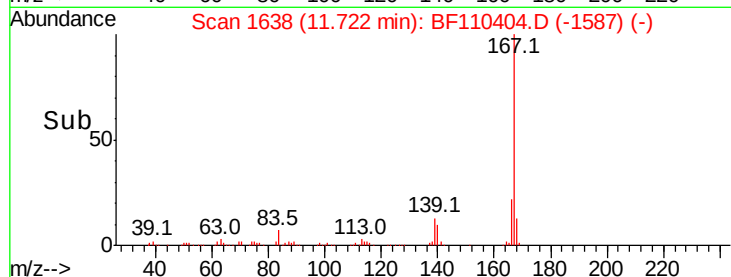
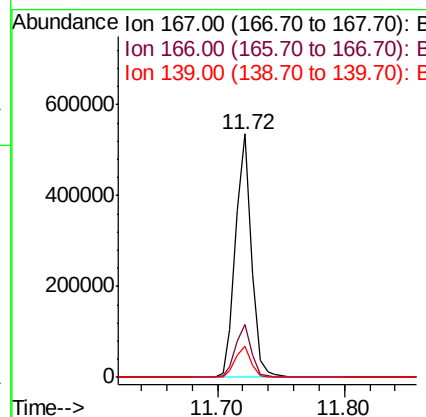
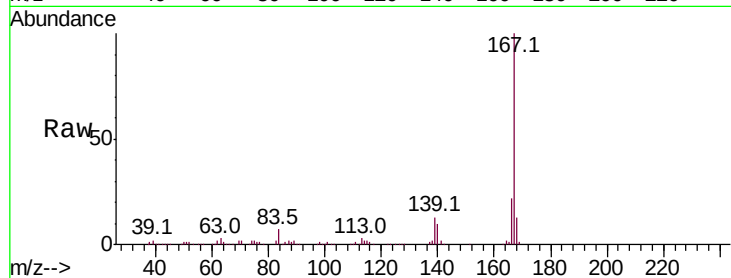
ClientSampleId :

PB114382BS

Tot Ion:	167	Resp:	464528
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.4	26.0
139	12.7	10.9	16.3

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#74

Di-n-butylphthalate

Concen: 47.163 ng

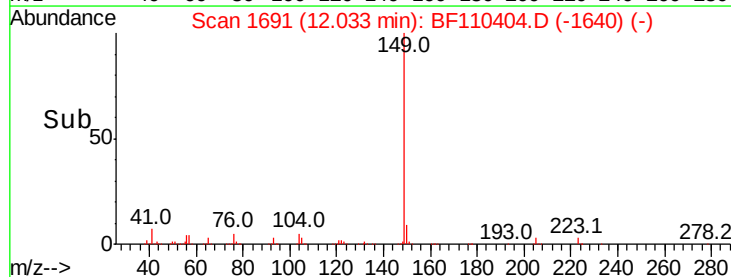
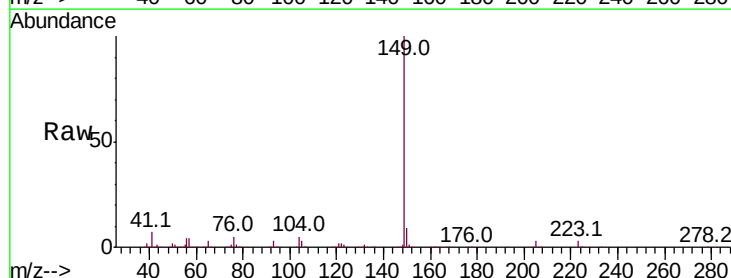
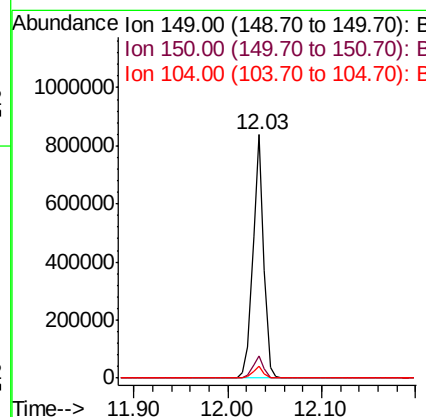
RT: 12.03 min Scan# 1691

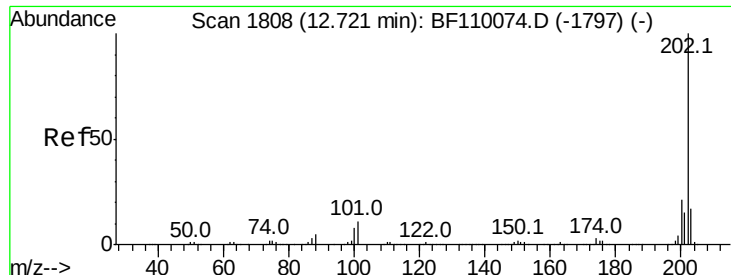
Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Tgt Ion:	149	Resp:	666927
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.7	4.2	6.4





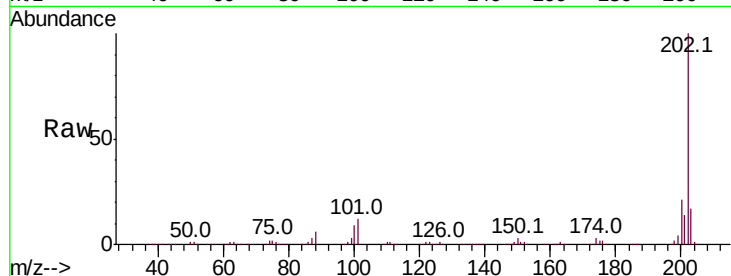
#75
Fluoranthene
Concen: 40.723 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.4	0.0	37.7

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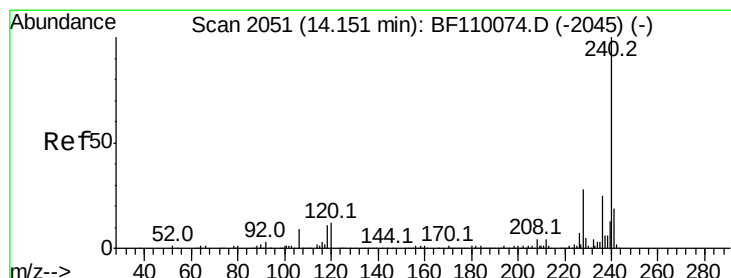
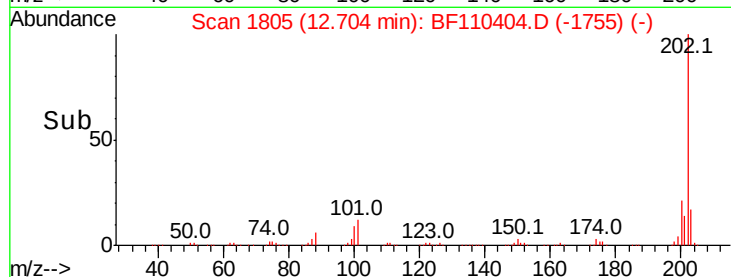
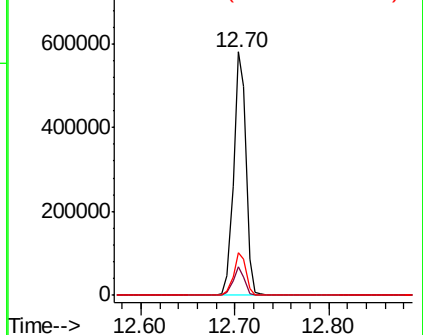


Abundance

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: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

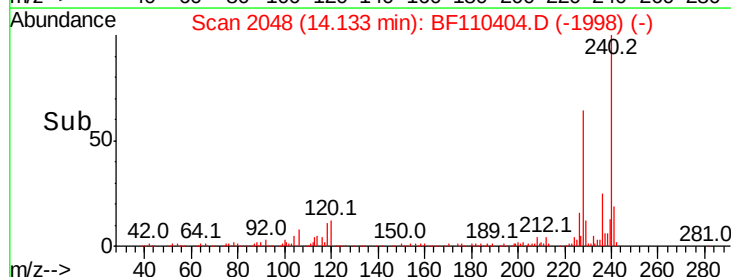
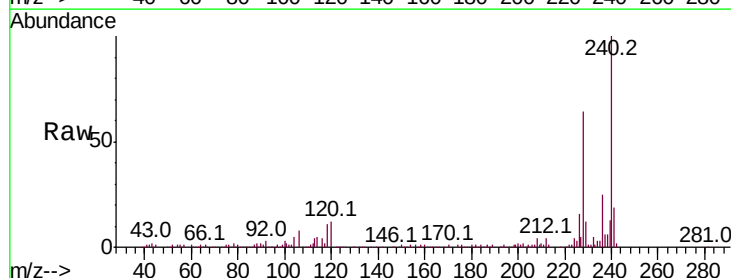
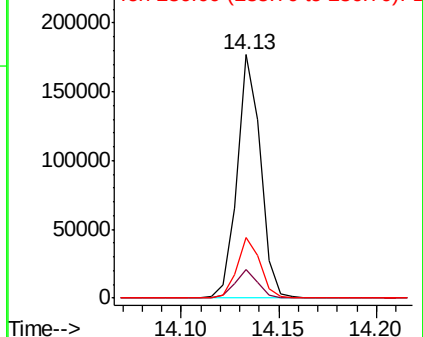
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.0	8.3	12.5
236	24.9	21.2	31.8

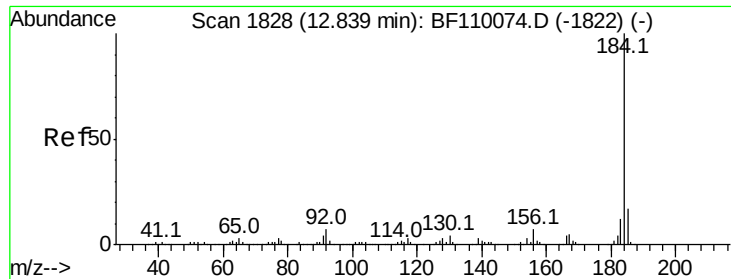
Abundance

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: Below Cal

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

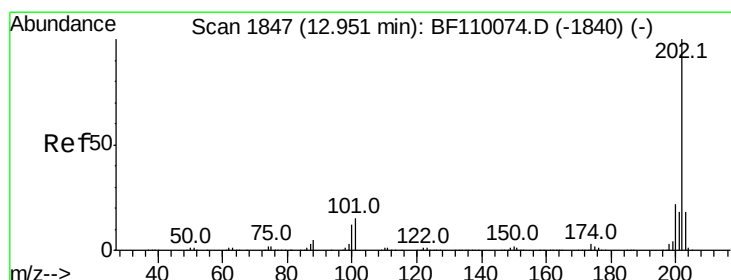
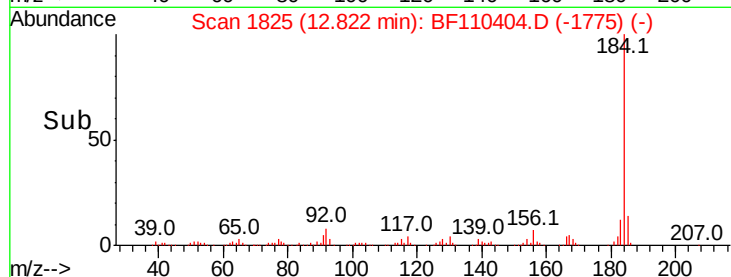
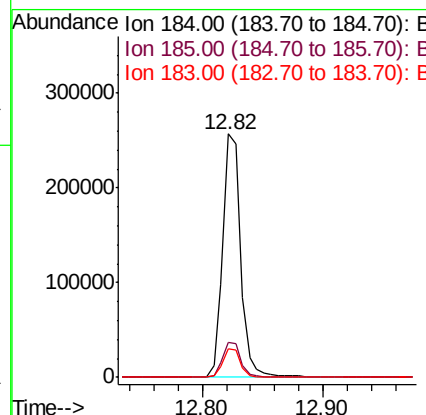
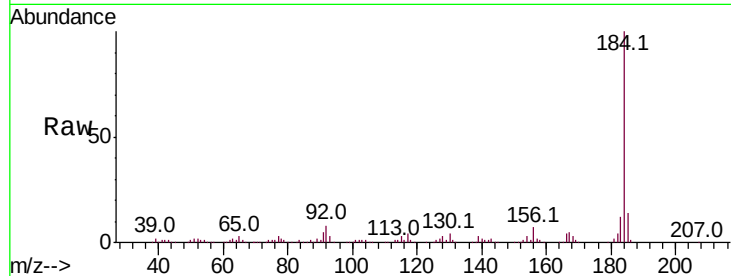
ClientSampleId :

PB114382BS

Tot Ion:	184	Resp:	263662
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.4	20.2
183	11.8	9.4	14.2

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#78

Pyrene

Concen: 48.299 ng

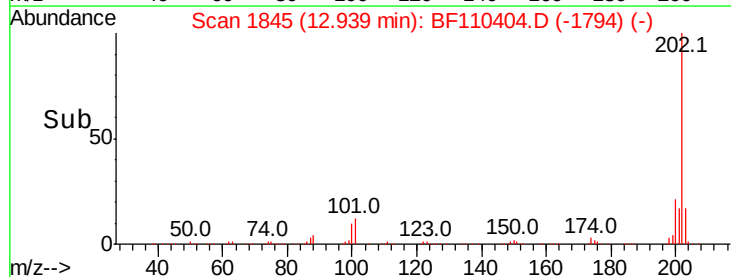
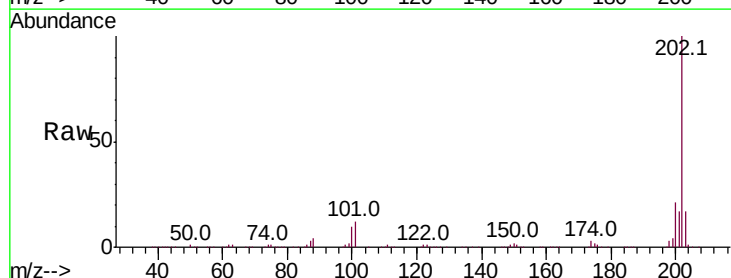
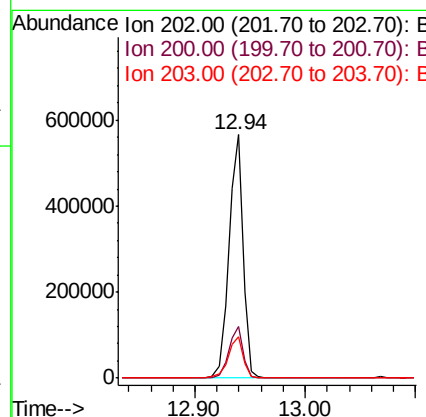
RT: 12.94 min Scan# 1845

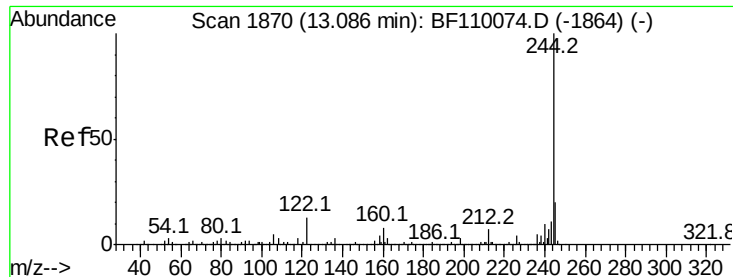
Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Tgt Ion:	202	Resp:	507485
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.8	26.6
203	17.2	14.2	21.4





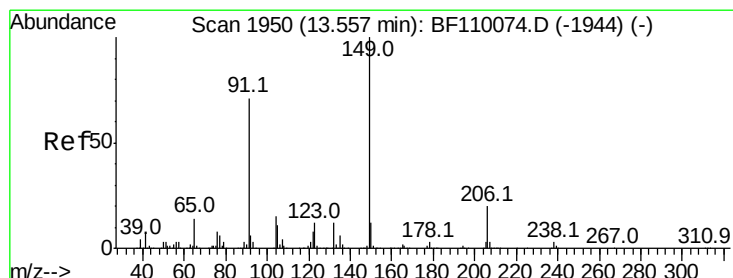
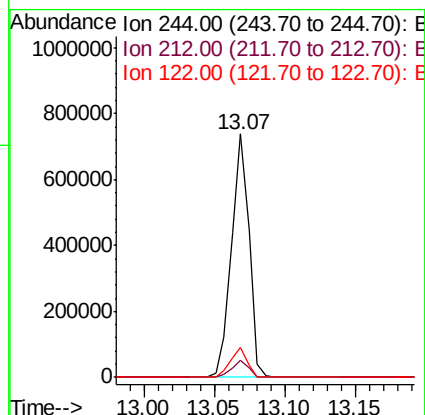
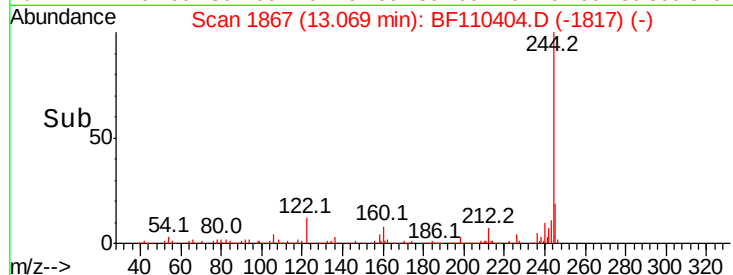
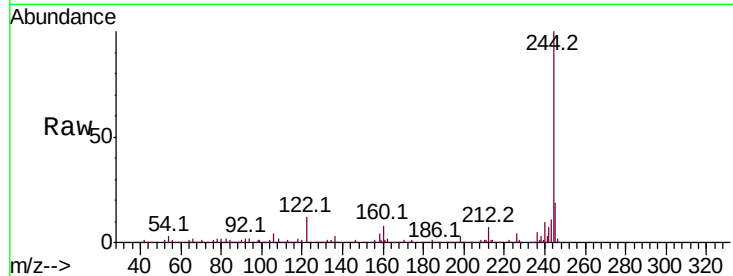
#79
 Terphenyl-d14
 Concen: 90.621 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.8	8.8
122	12.0	8.7	13.1

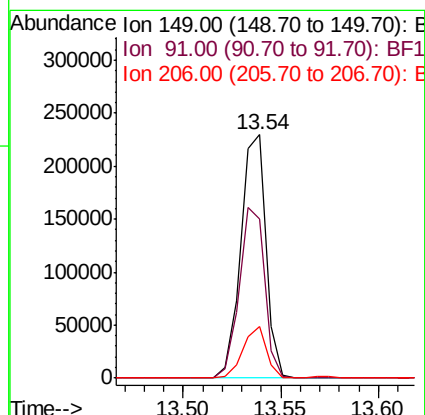
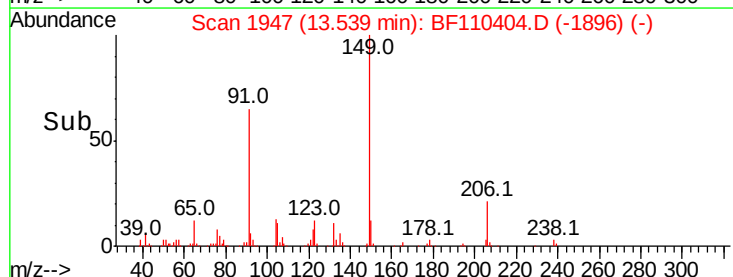
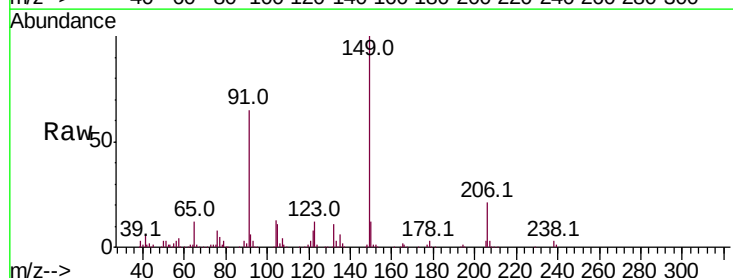
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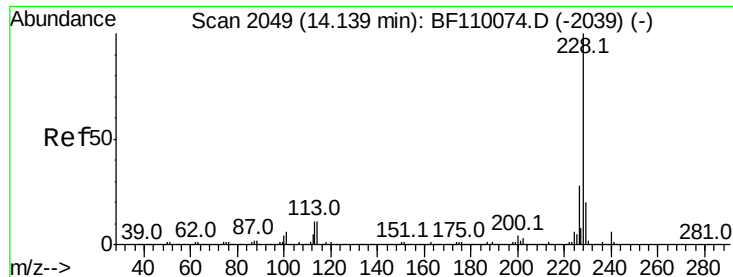
Sohil
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#80
 Butylbenzylphthalate
 Concen: 45.291 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	65.3	57.2	85.8
206	21.2	15.7	23.5





#81

Benzo(a)anthracene

Concen: 45.008 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

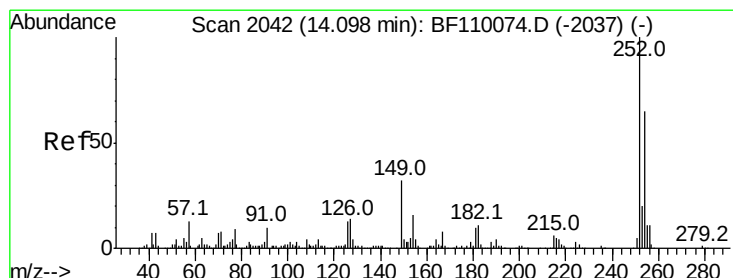
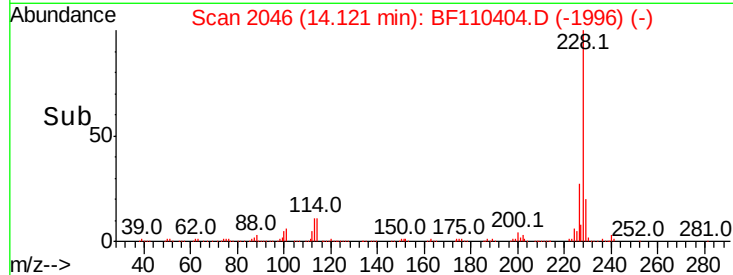
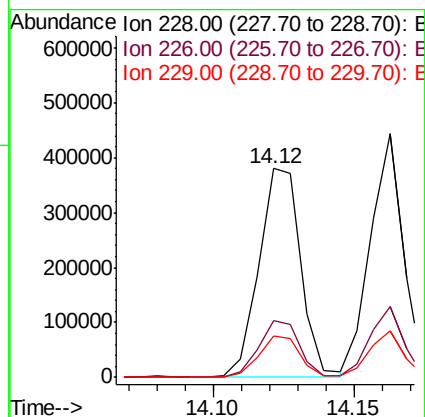
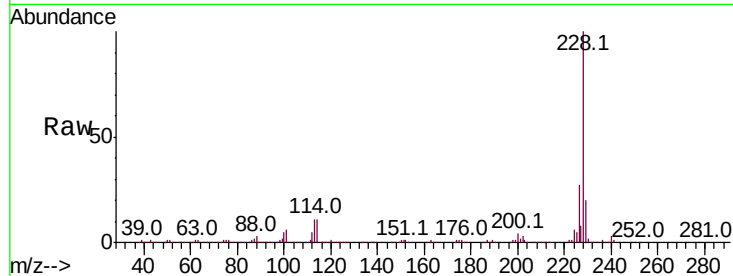
ClientSampleId :

PB114382BS

Tot Ion:	228	Resp:	391184
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.1	33.1
229	20.0	15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 31.119 ng

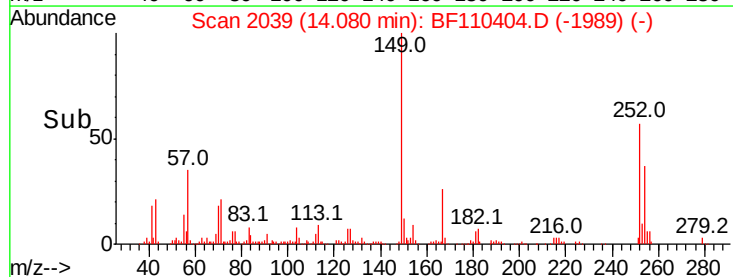
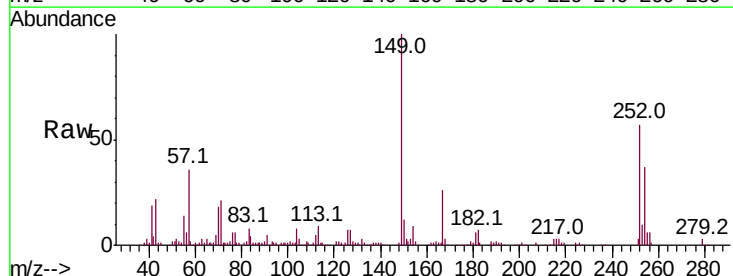
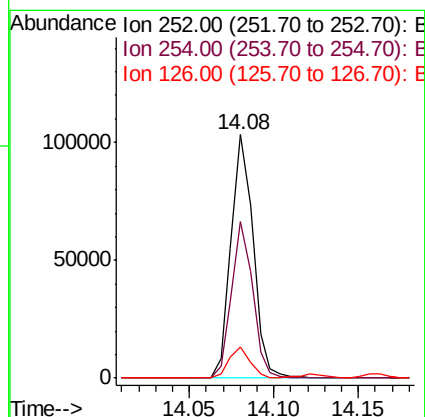
RT: 14.08 min Scan# 2039

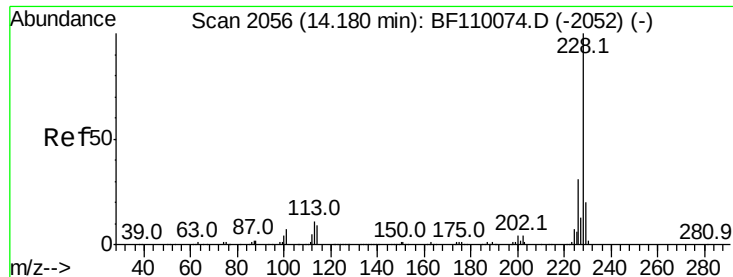
Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Tgt Ion:	252	Resp:	94180
Ion Ratio	Lower	Upper	
252	100		
254	64.4	51.3	76.9
126	12.7	9.4	14.2





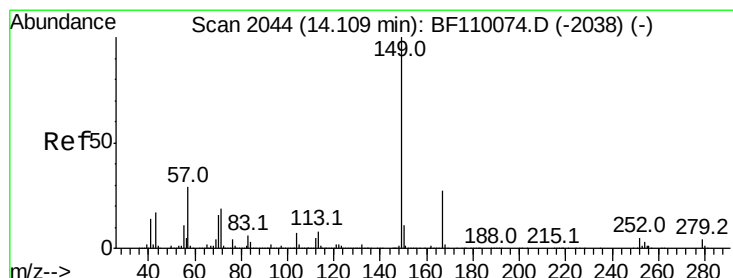
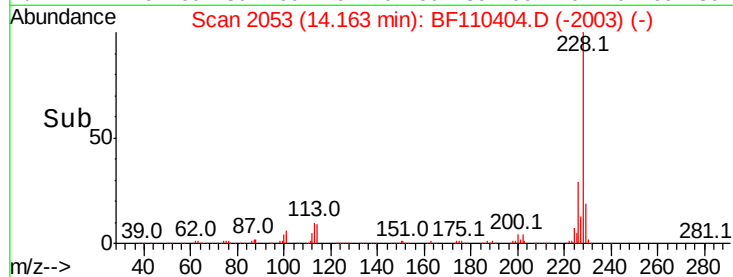
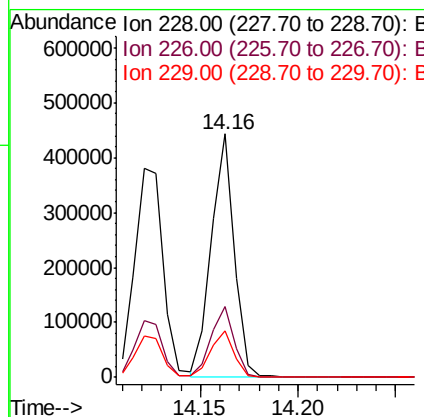
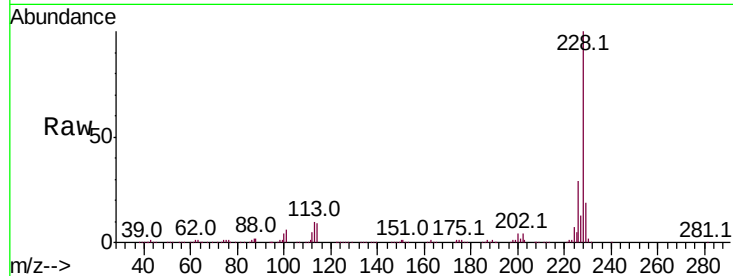
#83
 Chrysene
 Concen: 43.953 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Instrument :
 BNA_F
 ClientSampleId :
 PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.9	24.7	37.1	
229	19.3	15.9	23.9	

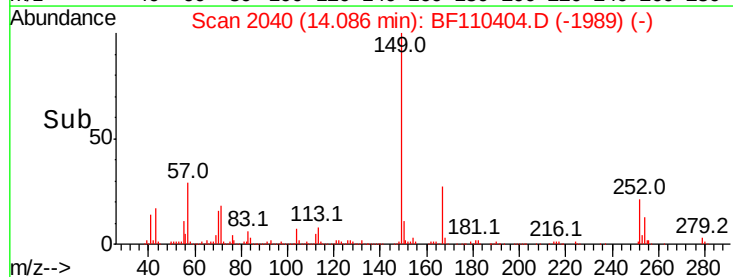
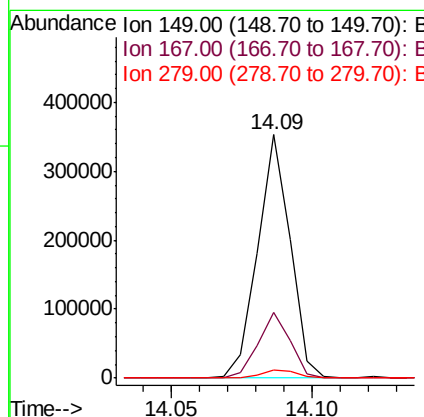
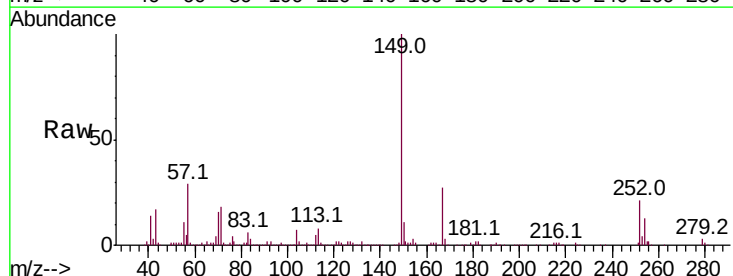
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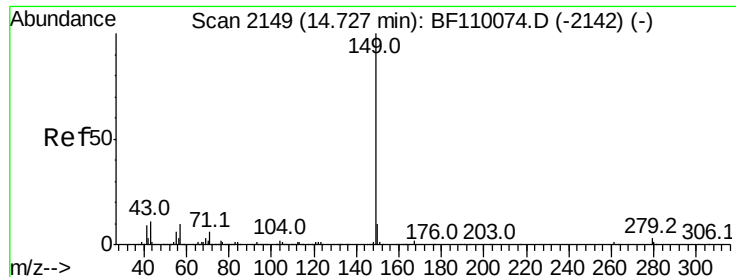
Sohil
 11/5/2018 10:32:29 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.801 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.1	19.8	29.8	
279	3.4	2.7	4.1	





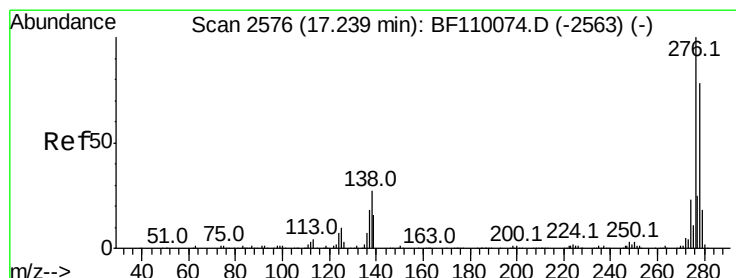
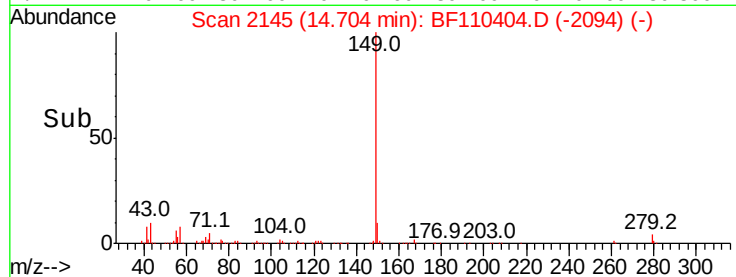
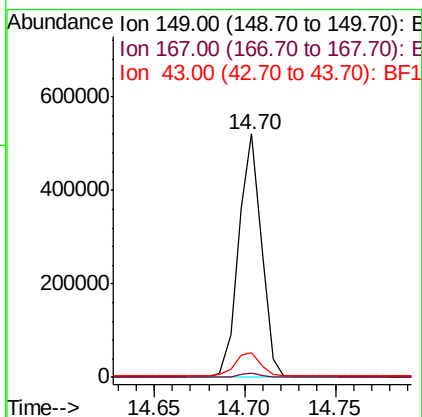
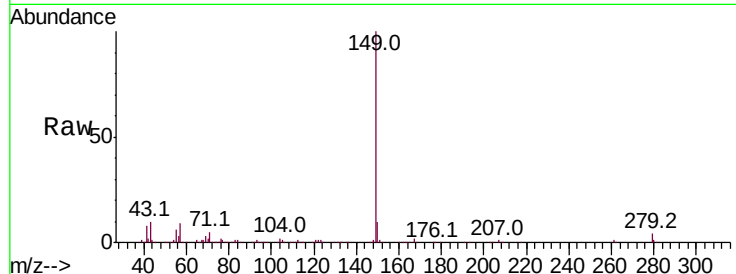
#85
Di-n-octyl phthalate
Concen: 47.534 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	455667		
167	1.6		1.1	1.7
43	10.5		7.8	11.8

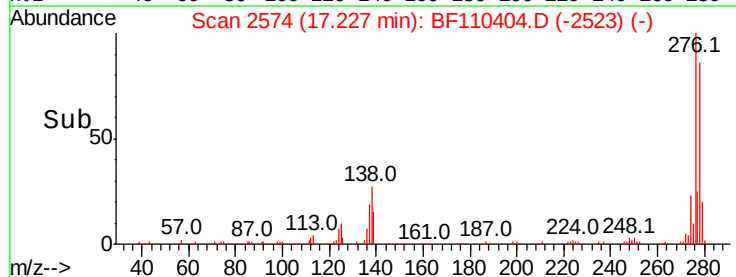
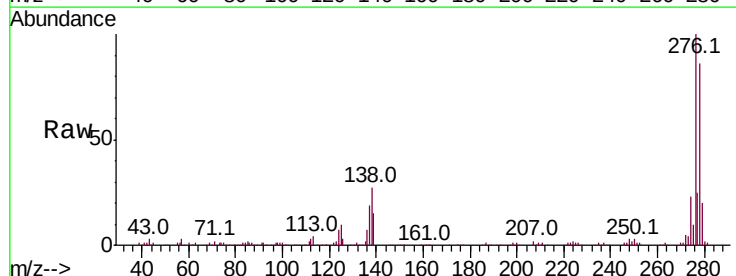
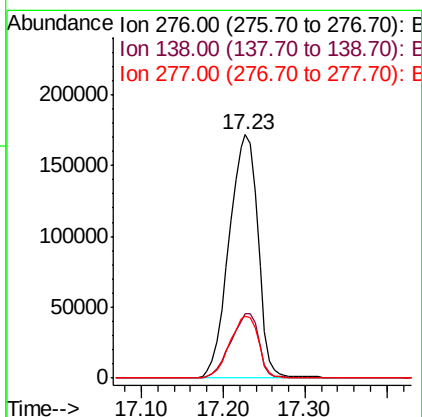
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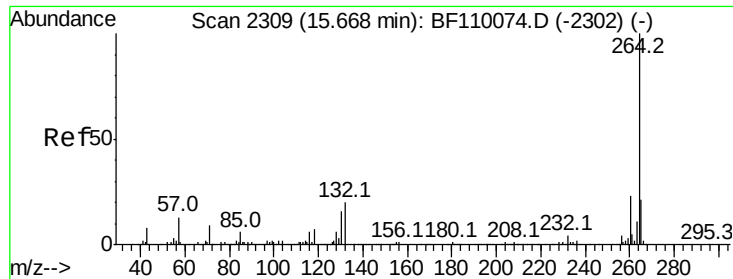
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 61.732 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	422766		
138	25.9		18.5	27.7
277	25.3		20.0	30.0





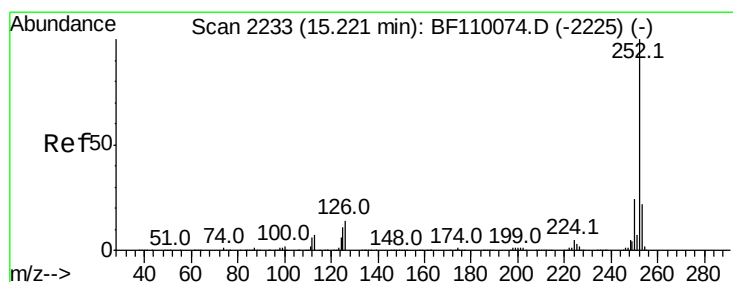
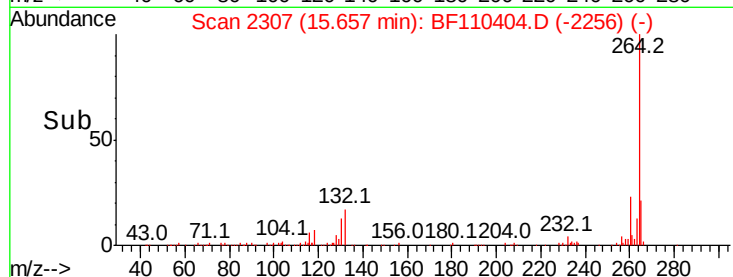
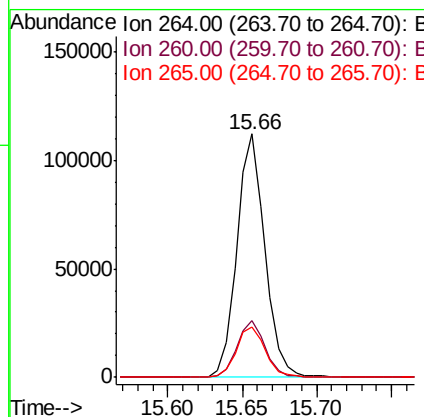
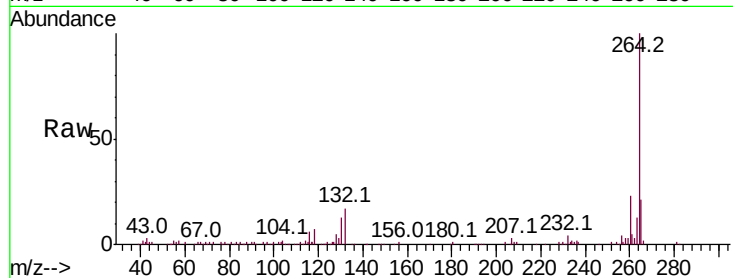
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.7	16.7	25.1

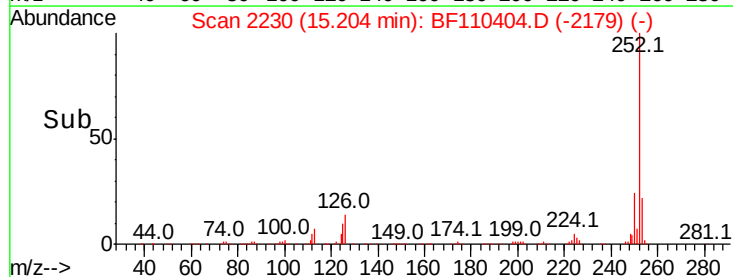
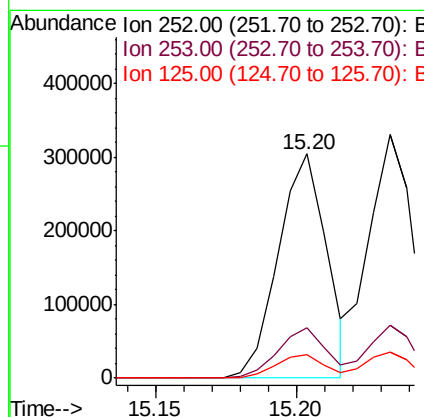
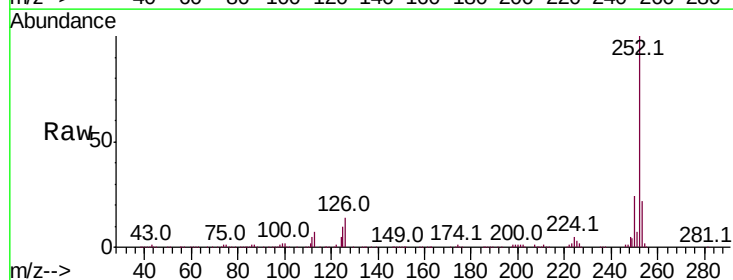
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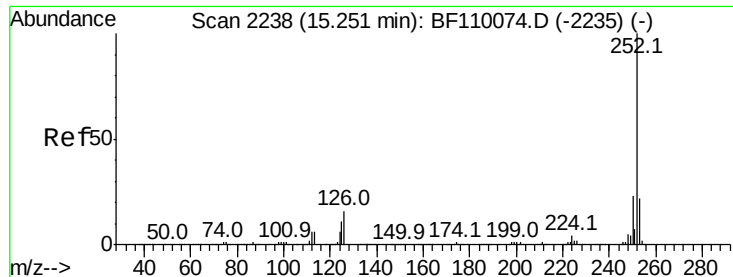
Sohil
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#88
Benzo(b)fluoranthene
Concen: 42.819 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.2	8.2	12.4





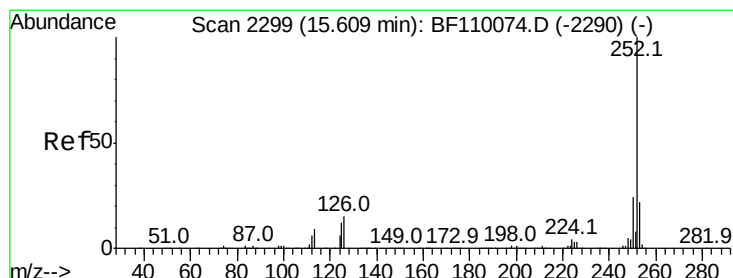
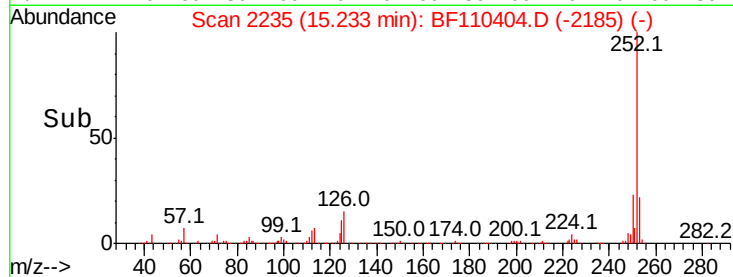
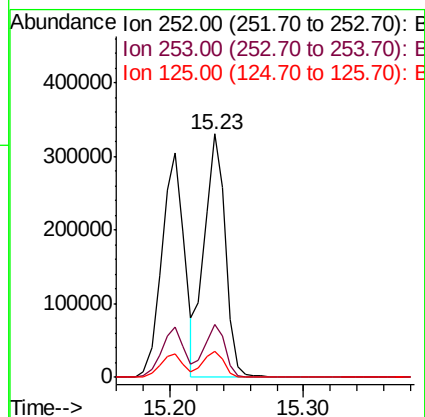
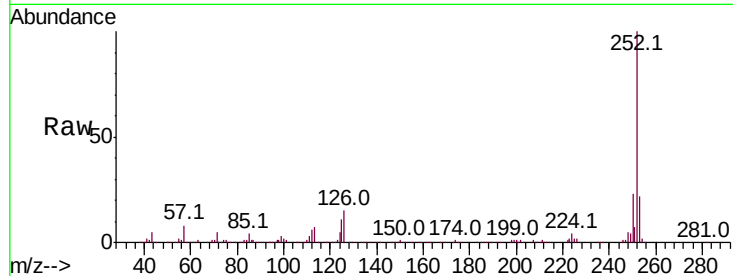
#89
Benzo(k)fluoranthene
Concen: 43.407 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	360761		
253	21.7		17.2	25.8
125	10.9		7.4	11.0

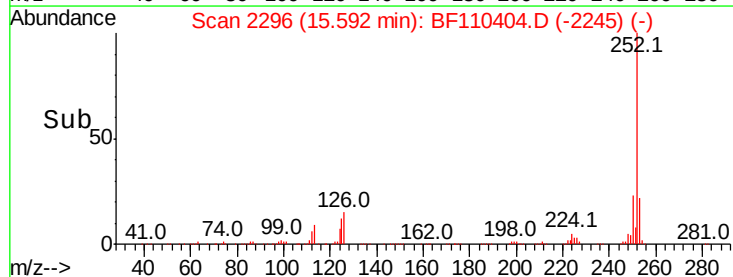
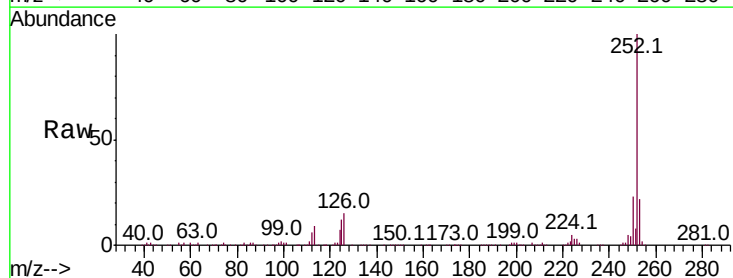
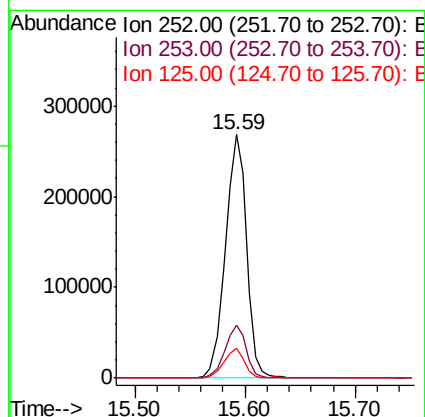
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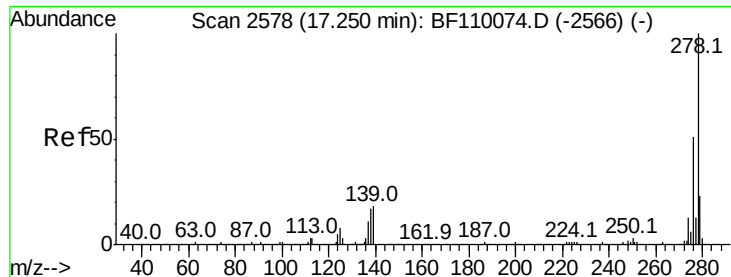
Sohil
11/5/2018 10:32:29 AM



#90
Benzo(a)pyrene
Concen: 46.420 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	361100		
253	21.8		18.2	27.4
125	12.4		9.0	13.6





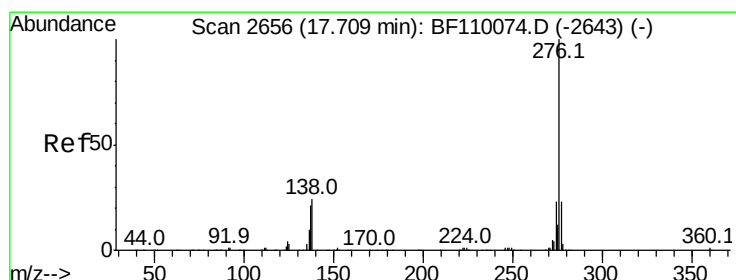
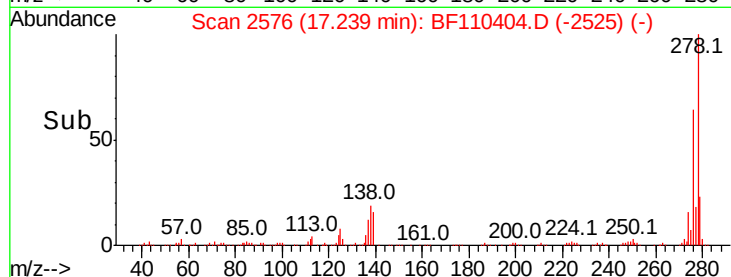
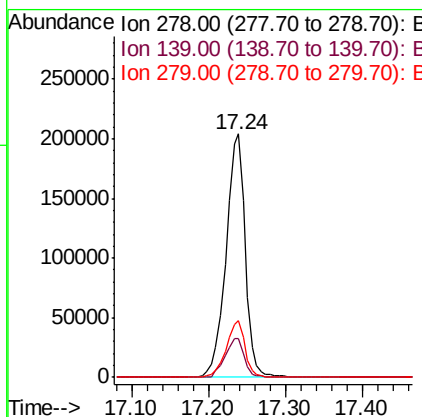
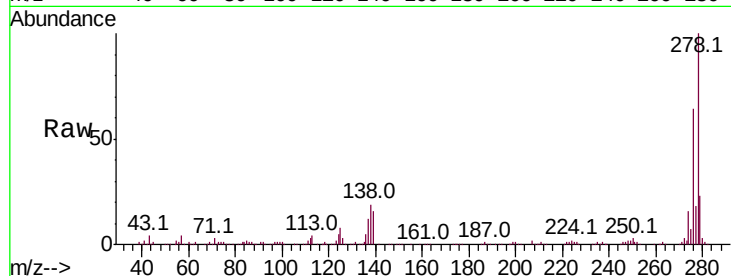
#91
Dibenzo(a,h)anthracene
Concen: 53.043 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :
PB114382BS

Tot Ion:	278	Resp:	356035
Ion Ratio	Lower	Upper	
278	100		
139	15.9	12.7	19.1
279	23.1	19.0	28.4

Manual Integrations
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Sohil
11/5/2018 10:32:29 AM



#92
Benzo(g,h,i)perylene
Concen: 53.199 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:	276	Resp:	351872
Ion Ratio	Lower	Upper	
276	100		
277	22.3	18.8	28.2
138	21.0	16.0	24.0

