

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111814.D
 Acq On : 2 Jan 2019 17:31
 Operator : JU/SJ
 Sample : PB116085BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116085BS

Manual Integrations
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Sohil
 1/3/2019 10:59:37 AM

Quant Time: Jan 03 06:14:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139750	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	544867	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	287426	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	564567	20.00	ng	0.00
76) Chrysene-d12	14.06	240	417991	20.00	ng	0.01
87) Perylene-d12	15.55	264	381747	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	108609	13.25	ng	0.01
7) Phenol-d6	6.53	99	138461	13.27	ng	0.01
23) Nitrobenzene-d5	7.45	82	68919	7.36	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	45768	13.48	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	156989	7.96	ng	0.00
79) Terphenyl-d14	13.00	244	200476	9.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	14980	3.883	ng	# 94
3) Pyridine	3.46	79	36415	3.624	ng	96
4) n-Nitrosodimethylamine	3.37	42	20782	4.225	ng	81
6) Aniline	6.56	93	27677	2.081	ng	# 81
8) 2-Chlorophenol	6.69	128	42409	4.670	ng	98
9) Benzaldehyde	6.45	77	17566	2.448	ng	94
10) Phenol	6.55	94	52395	4.450	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	39038	4.425	ng	99
12) 1,3-Dichlorobenzene	6.85	146	50102	4.760	ng	94
13) 1,4-Dichlorobenzene	6.92	146	50687	4.748	ng	96
14) 1,2-Dichlorobenzene	7.07	146	46671	4.686	ng	94
15) Benzyl Alcohol	7.03	79	36264	4.376	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.17	45	66345	4.083	ng	95
17) 2-Methylphenol	7.16	107	33619	4.623	ng	97
18) Hexachloroethane	7.42	117	17913	4.980	ng	# 89
19) n-Nitroso-di-n-propylamine	7.30	70	29683	4.284	ng	99
20) 3+4-Methylphenols	7.31	107	44295	4.820	ng	# 70
22) Acetophenone	7.30	105	60160	4.358	ng	# 87
24) Nitrobenzene	7.47	77	44929	4.580	ng	96
25) Isophorone	7.71	82	77791	4.681	ng	98
26) 2-Nitrophenol	7.79	139	19826	4.983	ng	92
27) 2,4-Dimethylphenol	7.83	122	36141	4.608	ng	92
28) bis(2-Chloroethoxy)methane	7.92	93	48287	4.367	ng	99
29) 2,4-Dichlorophenol	8.05	162	36673	4.347	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	40007	4.255	ng	98
31) Naphthalene	8.20	128	128020	4.890	ng	96
32) Benzoic acid	7.90	122	11477m	2.213	ng	
33) 4-Chloroaniline	8.25	127	27746	2.452	ng	93
34) Hexachlorobutadiene	8.33	225	25293	4.414	ng	96
35) Caprolactam	8.57	113	10687	3.738	ng	94
36) 4-Chloro-3-methylphenol	8.73	107	37863	4.566	ng	99
37) 2-Methylnaphthalene	8.90	142	88006	5.167	ng	99
38) 1-Methylnaphthalene	8.99	142	82867	5.066	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	42083	4.456	ng	97

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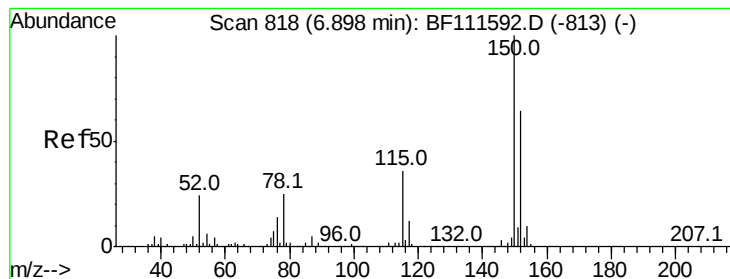
Manual Integrations
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 1/3/2019 10:59:37 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	43180	9.421	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	26149	4.147	ng	99
44) 2,4,5-Trichlorophenol	9.22	196	28433	4.395	ng	94
46) 1,1'-Biphenyl	9.36	154	110416	4.551	ng	91
47) 2-Chloronaphthalene	9.38	162	85642	4.455	ng	92
48) 2-Nitroaniline	9.47	65	23723	4.744	ng	99
49) Acenaphthylene	9.80	152	136222	4.853	ng	94
50) Dimethylphthalate	9.65	163	98564	4.689	ng	96
51) 2,6-Dinitrotoluene	9.71	165	21530	5.137	ng	99
52) Acenaphthene	9.97	154	81970	4.735	ng	99
53) 3-Nitroaniline	9.88	138	17799	3.982	ng	94
54) 2,4-Dinitrophenol	9.99	184	5907	11.298	ng	# 90
55) Dibenzofuran	10.14	168	123189	4.710	ng	97
56) 4-Nitrophenol	10.06	139	25474	7.468	ng	96
57) 2,4-Dinitrotoluene	10.11	165	27045	5.369	ng	# 95
58) Fluorene	10.49	166	98376	5.220	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	22915	4.209	ng	89
60) Diethylphthalate	10.35	149	100882	4.893	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	48094	4.619	ng	95
62) 4-Nitroaniline	10.49	138	19484	4.485	ng	92
63) Azobenzene	10.63	77	92131	4.451	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	6707	9.167	ng	79
66) n-Nitrosodiphenylamine	10.59	169	84613	4.465	ng	96
67) 4-Bromophenyl-phenylether	10.96	248	30022	4.287	ng	97
68) Hexachlorobenzene	11.04	284	34041	4.360	ng	# 92
69) Atrazine	11.11	200	28303	4.299	ng	94
70) Pentachlorophenol	11.23	266	17411	3.607	ng	94
71) Phenanthrene	11.44	178	149457	4.992	ng	93
72) Anthracene	11.50	178	152007	5.058	ng	94
73) Carbazole	11.65	167	120614	4.134	ng	94
74) Di-n-butylphthalate	11.98	149	159159	4.865	ng	# 94
75) Fluoranthene	12.64	202	145716	4.806	ng	93
77) Benzidine	12.75	184	31293	1.990	ng	# 94
78) Pyrene	12.86	202	145681	4.935	ng	95
80) Butylbenzylphthalate	13.47	149	58732	4.881	ng	90
81) Benzo(a)anthracene	14.05	228	116772	4.895	ng	93
82) 3,3'-Dichlorobenzidine	14.01	252	25192	2.673	ng	# 96
83) Chrysene	14.09	228	107395	4.581	ng	96
84) Bis(2-ethylhexyl)phthalate	14.04	149	81283	5.363	ng	# 99
85) Di-n-octyl phthalate	14.65	149	119290	5.080	ng	# 98
86) Indeno(1,2,3-cd)pyrene	17.04	276	111698	5.604	ng	# 88
88) Benzo(b)fluoranthene	15.11	252	96201	4.312	ng	# 94
89) Benzo(k)fluoranthene	15.14	252	95787	4.510	ng	95
90) Benzo(a)pyrene	15.48	252	94844	4.679	ng	# 92
91) Dibenzo(a,h)anthracene	17.06	278	93709	5.280	ng	# 91
92) Benzo(g,h,i)perylene	17.49	276	92263	5.323	ng	# 84

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



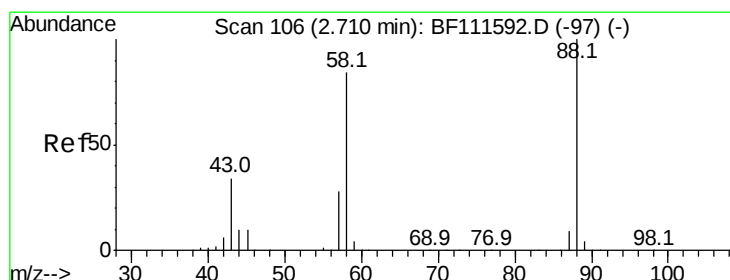
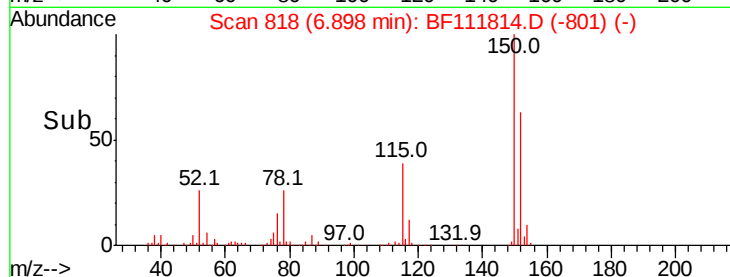
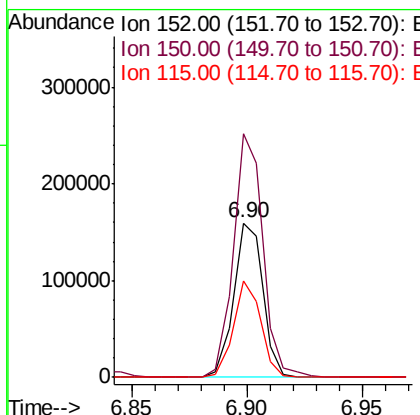
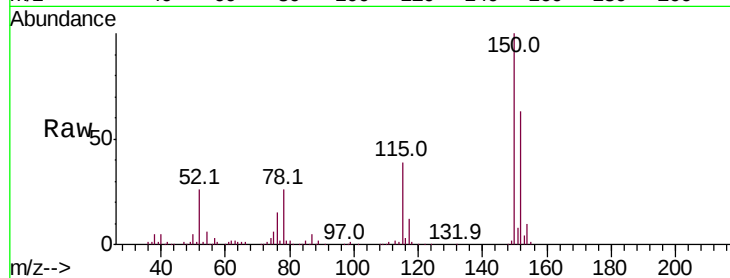
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB116085BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.6	189.8
115	62.4	50.7	76.1

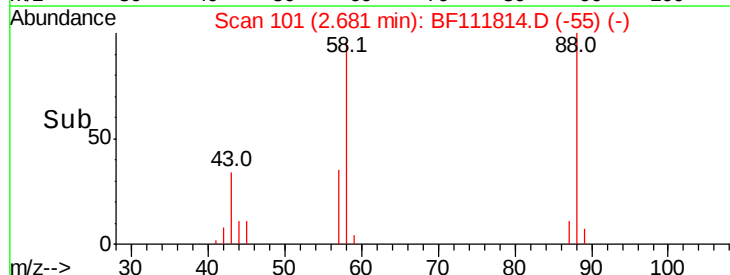
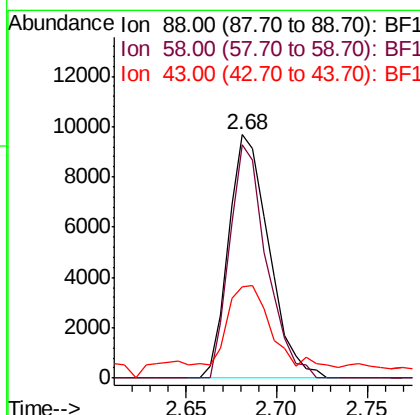
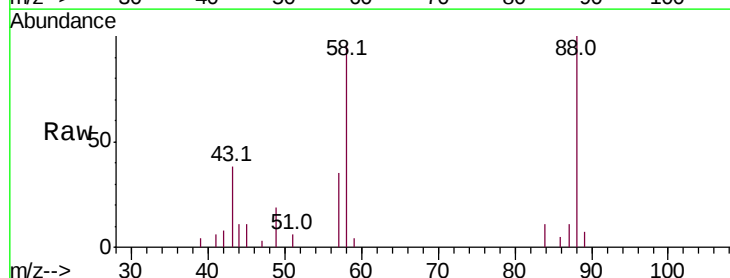
Manual Integrations
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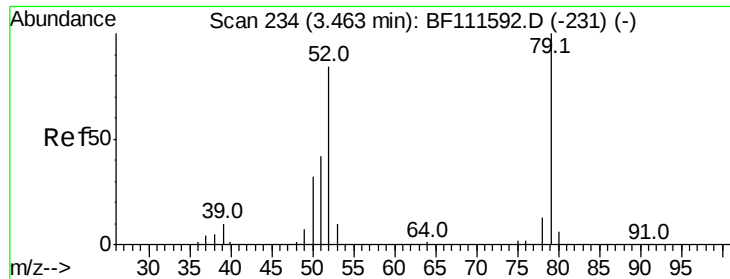
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#2
 1,4-Dioxane
 Concen: 3.883 ng
 RT: 2.68 min Scan# 101
 Delta R.T. -0.03 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	68.9	103.3
43	40.4	25.8	38.6





#3

Pvridine

Concen: 3.624 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

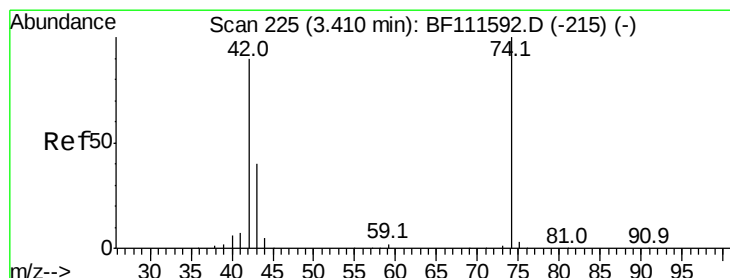
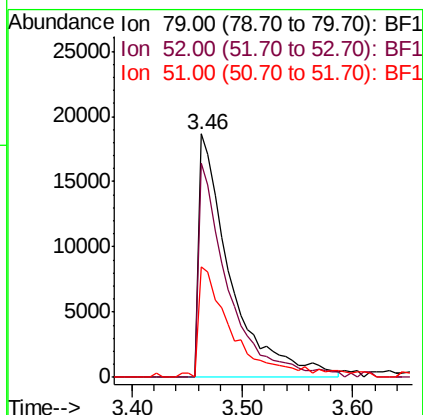
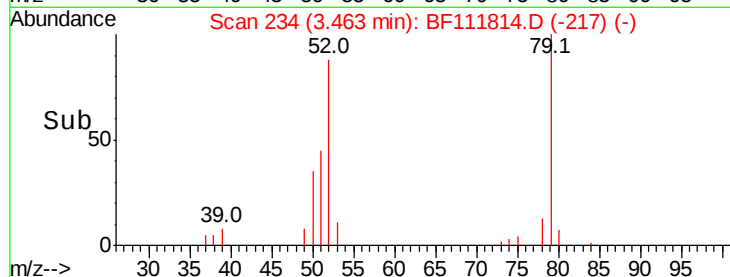
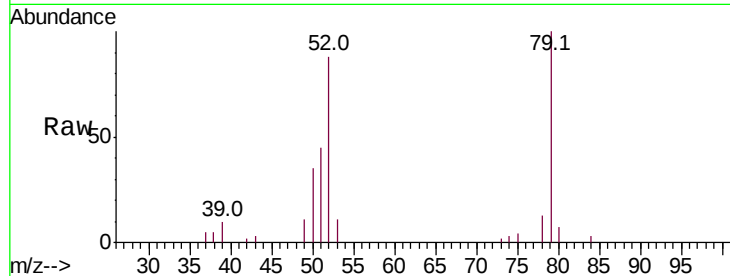
ClientSampleId :

PB116085BS

Tot Ion:	79	Resp:	36415
Ion	Ratio	Lower	Upper
79	100		
52	87.8	68.3	102.5
51	45.4	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 4.225 ng

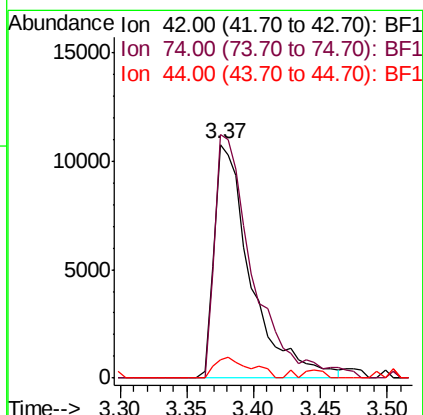
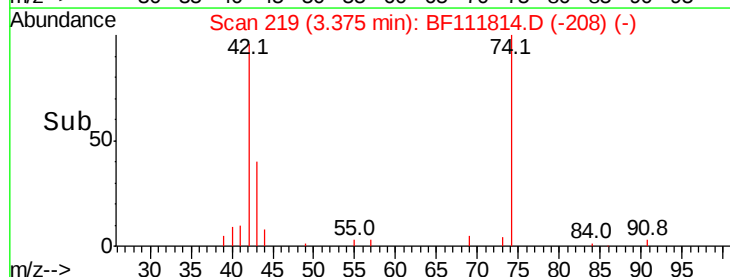
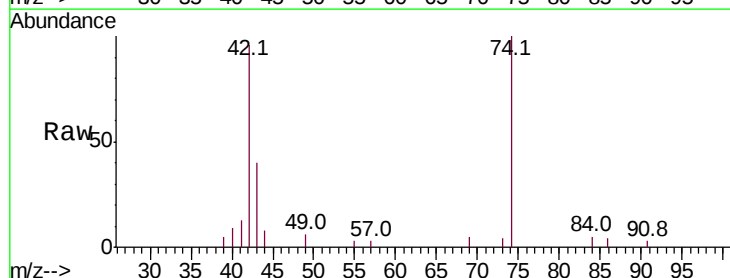
RT: 3.37 min Scan# 219

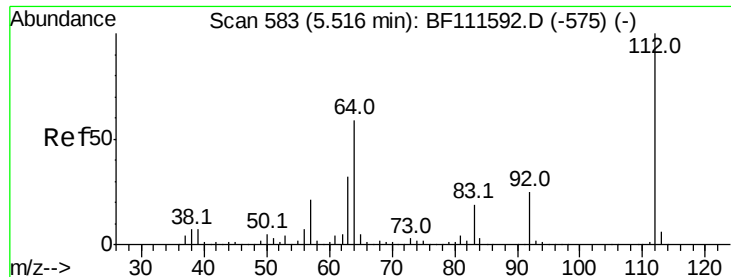
Delta R.T. -0.04 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion:	42	Resp:	20782
Ion	Ratio	Lower	Upper
42	100		
74	104.3	101.5	152.3
44	8.0	6.0	9.0





#5

2-Fluorophenol

Concen: 13.247 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

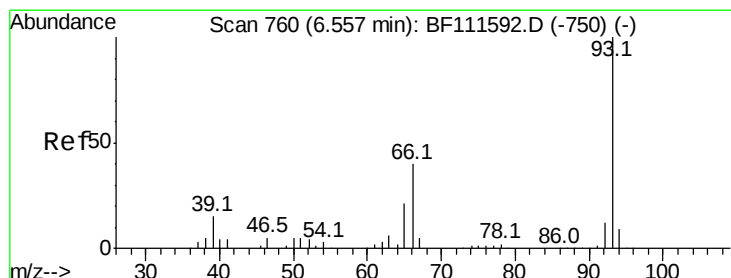
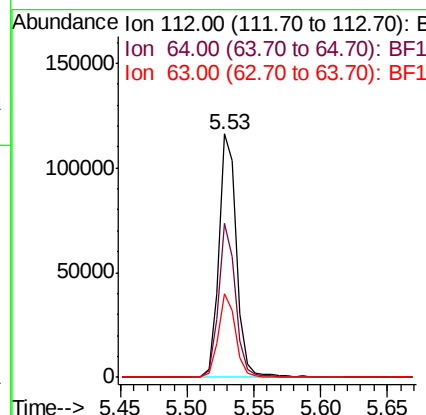
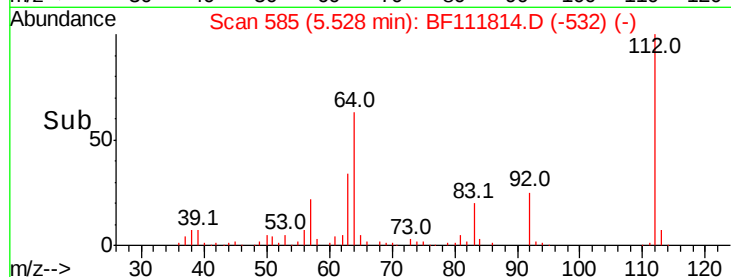
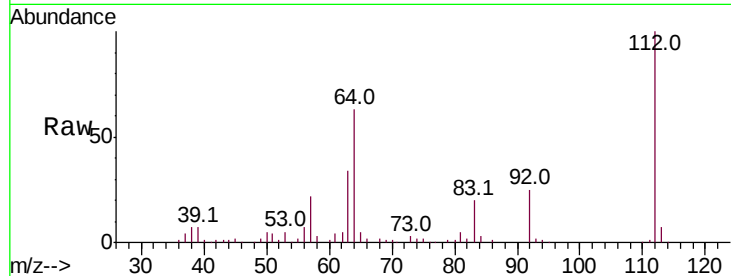
ClientSampleId :

PB116085BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	108609		
64	63.4	51.8	77.6	
63	34.4	26.8	40.2	

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#6

Aniline

Concen: 2.081 ng

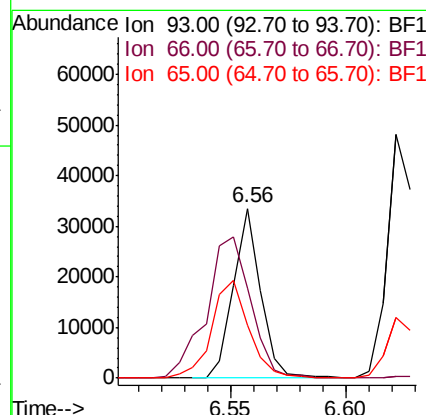
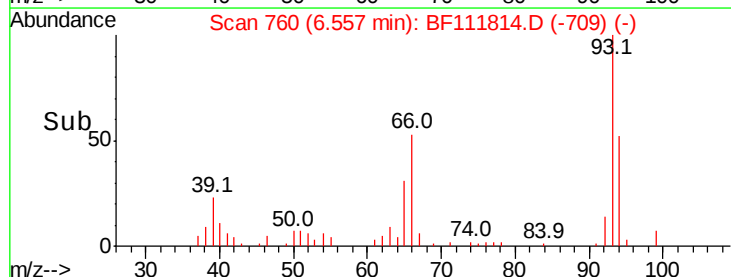
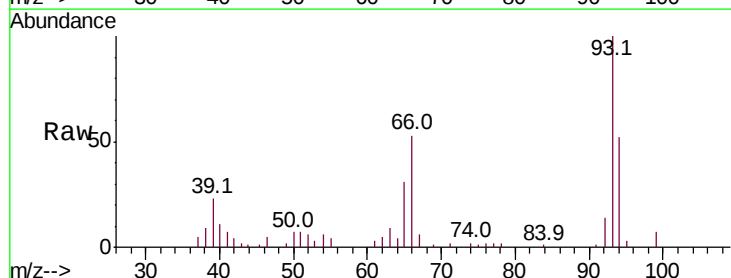
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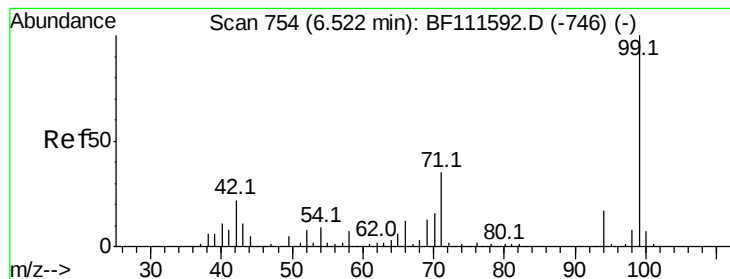
Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	27677		
66	53.0	33.2	49.8#	
65	31.3	17.0	25.4#	





#7

Phenol-d6

Concen: 13.270 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

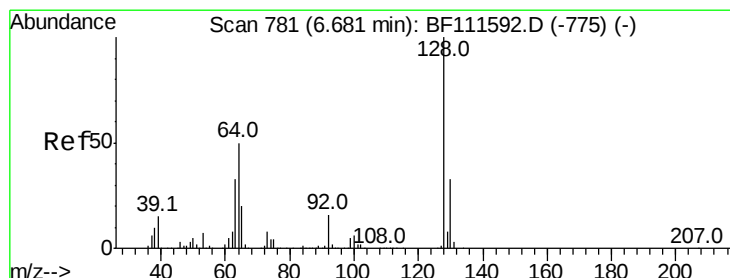
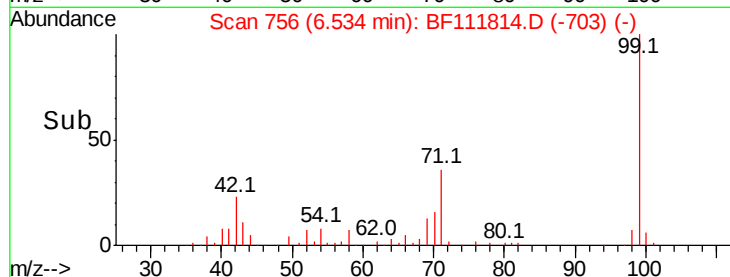
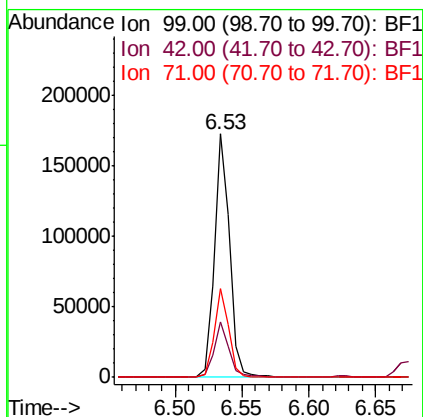
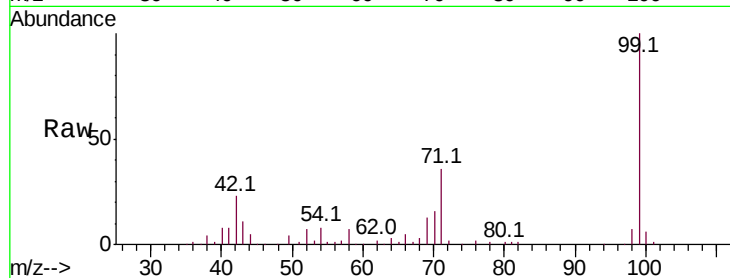
ClientSampleId :

PB116085BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		138461		
42	22.9	17.4	26.0		
71	36.3	26.1	39.1		

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#8

2-Chlorophenol

Concen: 4.670 ng

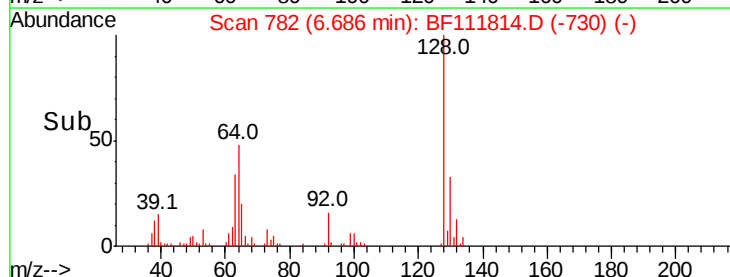
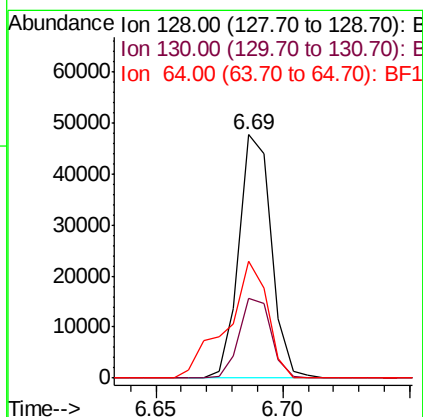
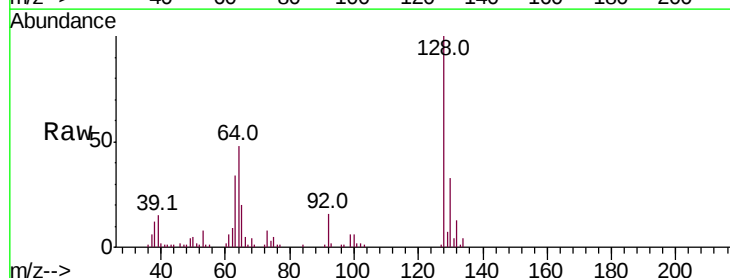
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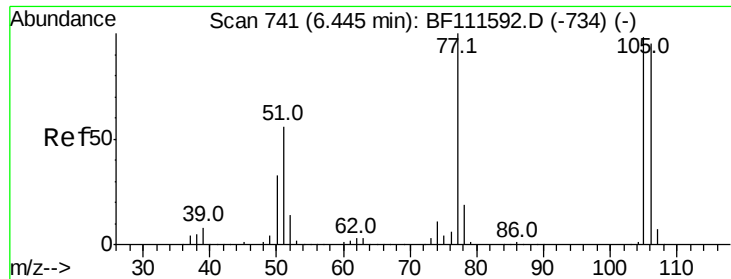
Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		42409		
130	32.6	12.7	52.7		
64	48.3	30.0	70.0		





#9

Benzaldehyde

Concen: 2.448 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

PB116085BS

Tot Ion: 77 Resp: 17566

Ion Ratio Lower Upper

77 100

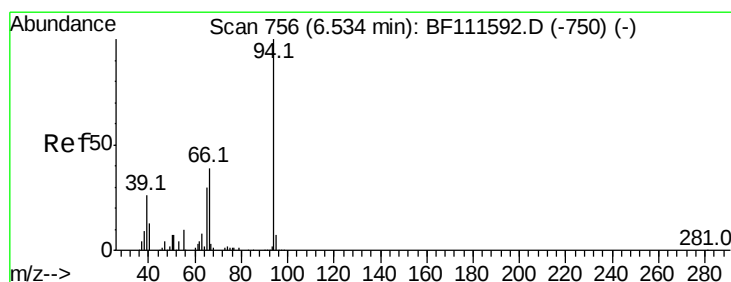
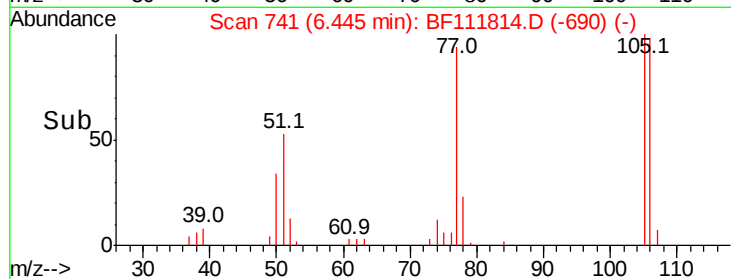
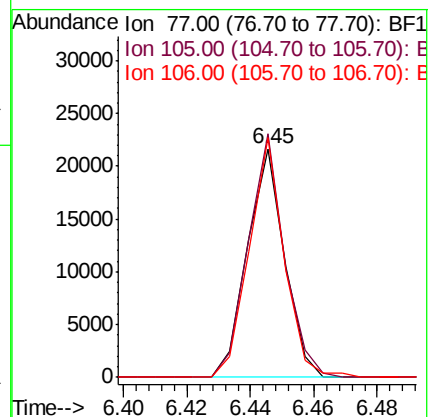
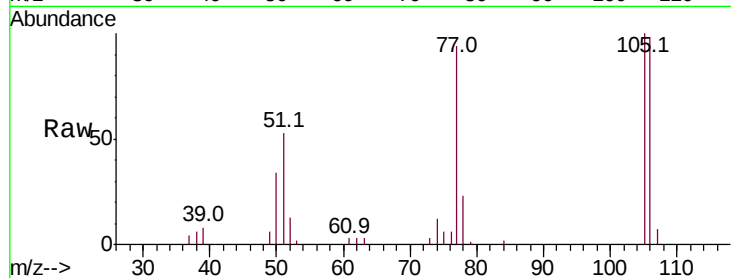
105 106.5 81.4 121.4

106 104.6 77.9 117.9

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#10

Phenol

Concen: 4.450 ng

RT: 6.55 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

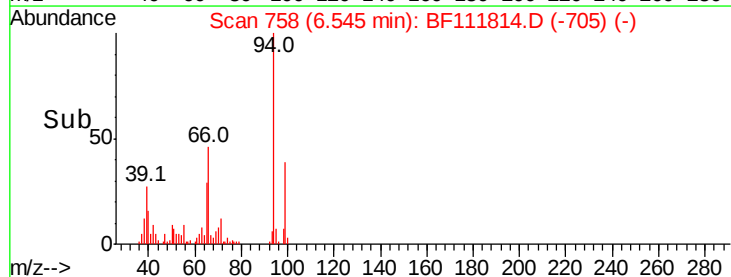
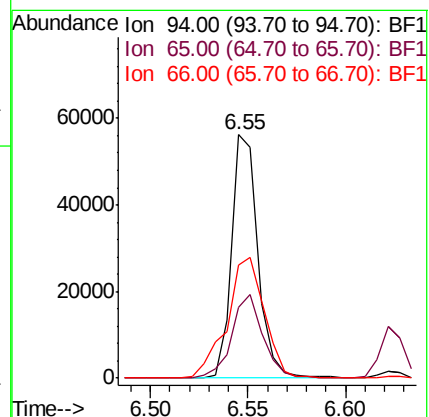
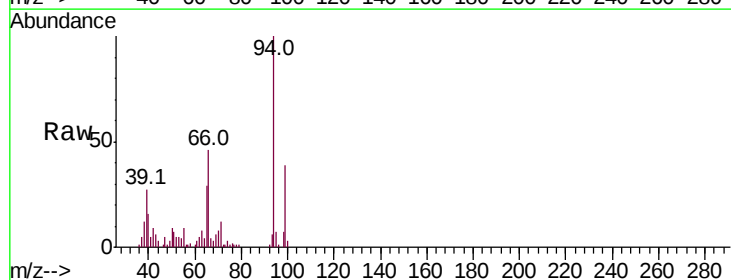
Tgt Ion: 94 Resp: 52395

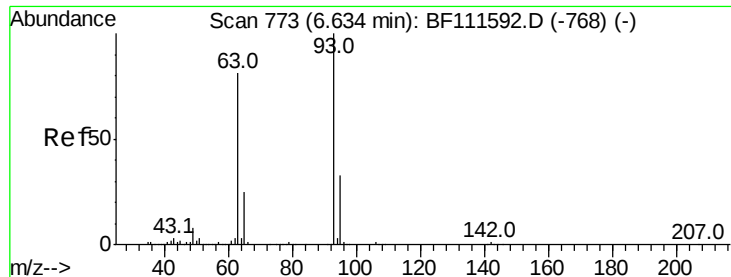
Ion Ratio Lower Upper

94 100

65 29.3 11.7 51.7

66 46.3 21.0 61.0





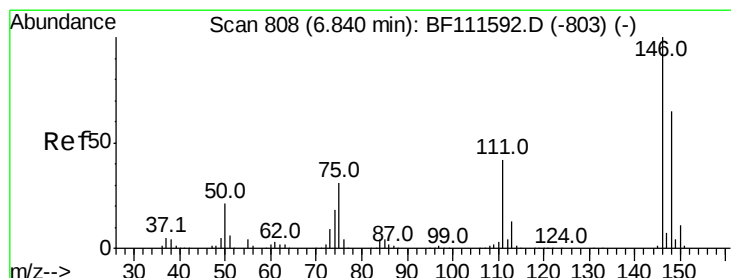
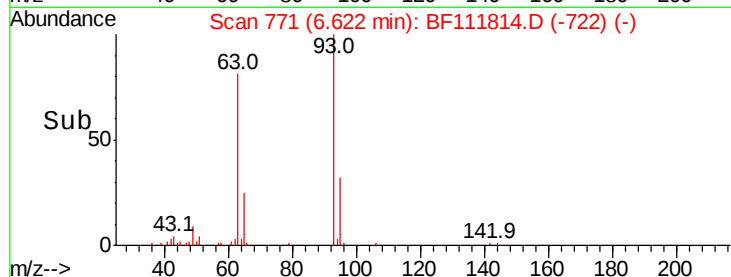
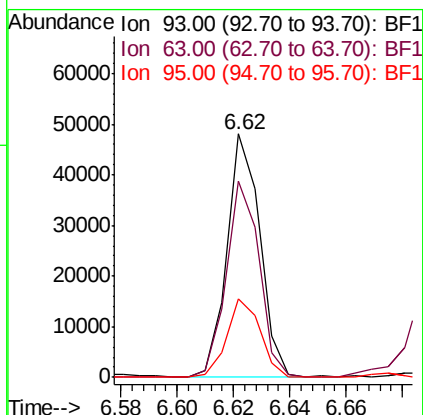
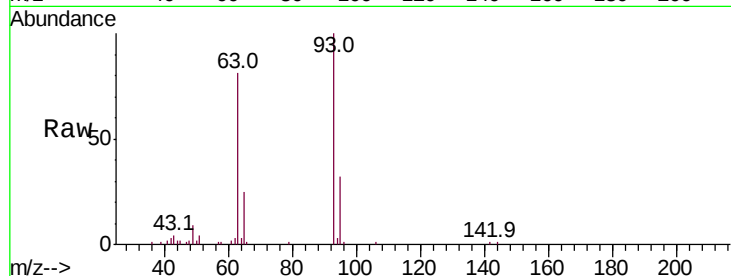
#11
bis(2-Chloroethyl)ether
Concen: 4.425 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.7	60.0	100.0
95	32.3	13.4	53.4

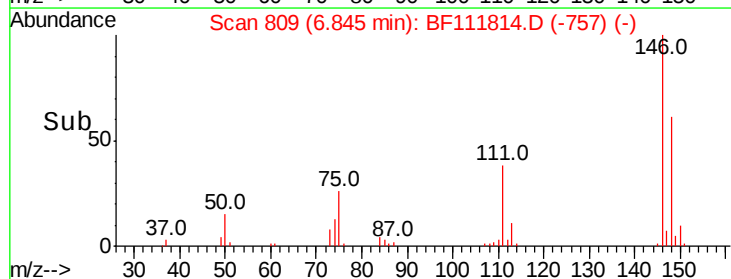
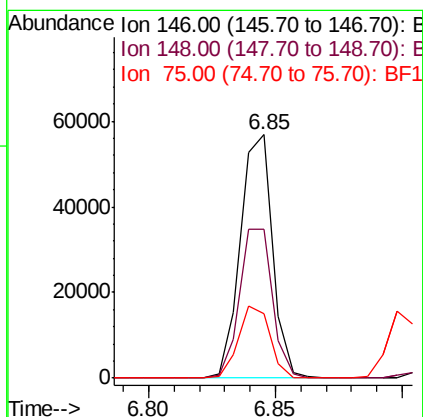
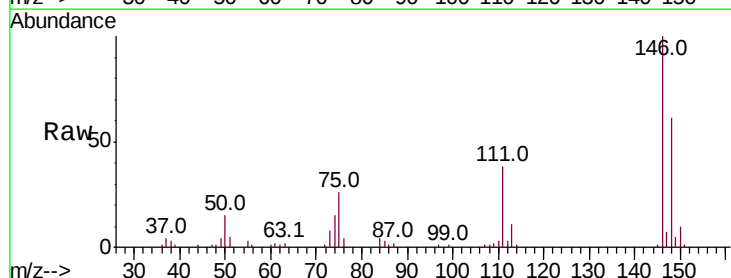
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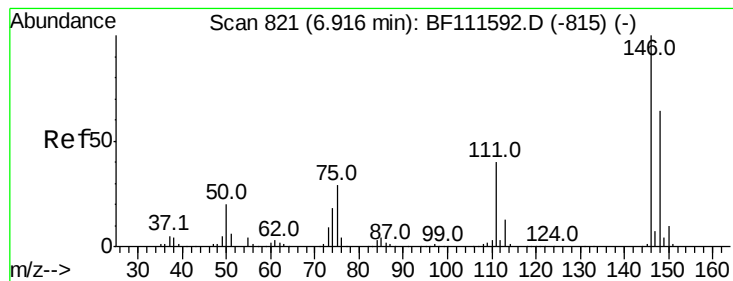
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#12
1,3-Dichlorobenzene
Concen: 4.760 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	52.1	78.1
75	26.3	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 4.748 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

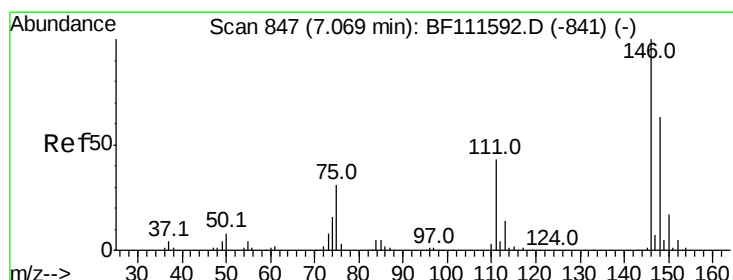
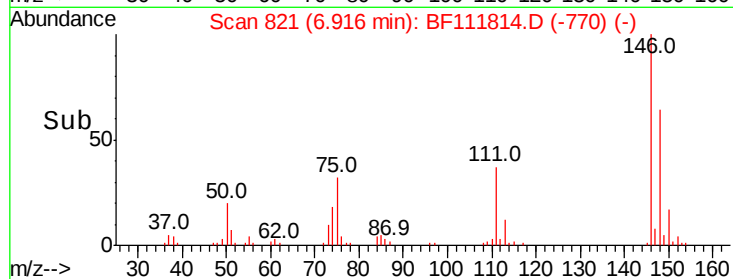
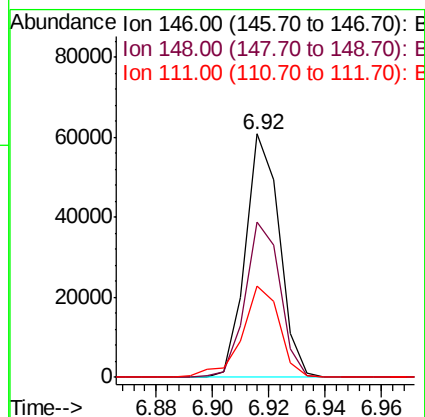
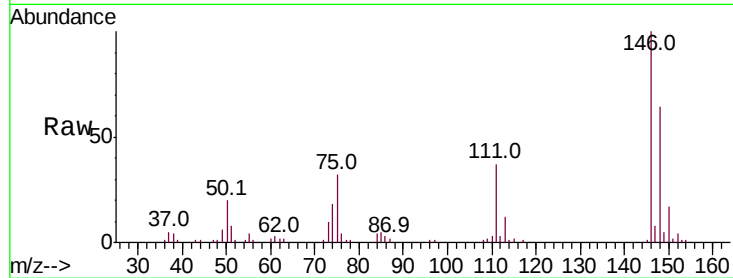
ClientSampleId :

PB116085BS

Tot Ion:	146	Resp:	50687
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.8	79.2
111	37.4	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 4.686 ng

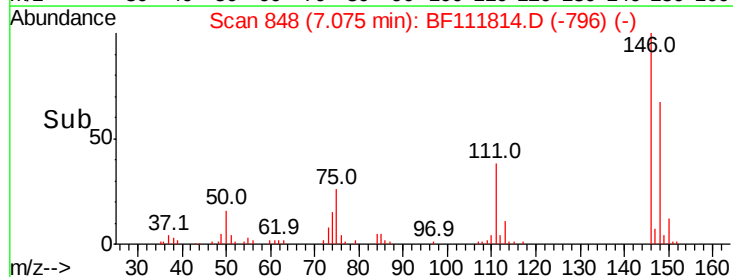
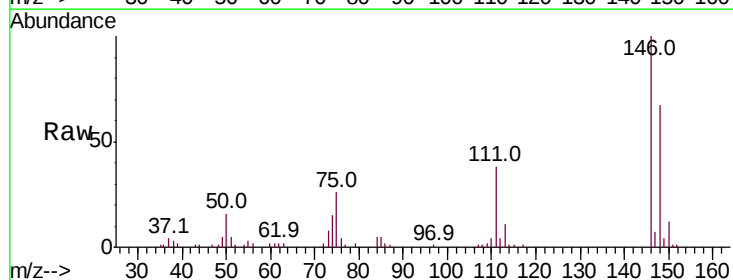
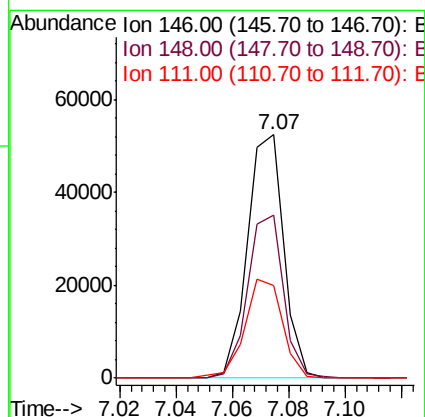
RT: 7.07 min Scan# 848

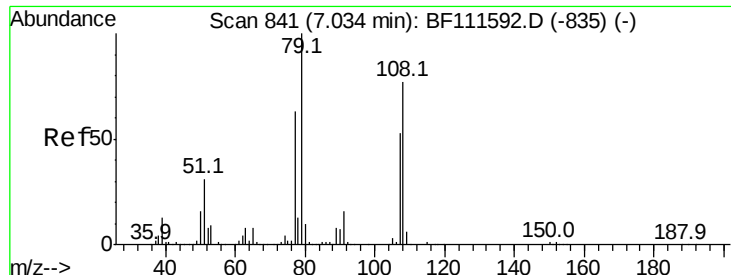
Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion:	146	Resp:	46671
Ion Ratio	Lower	Upper	
146	100		
148	67.0	51.9	77.9
111	38.1	36.2	54.4





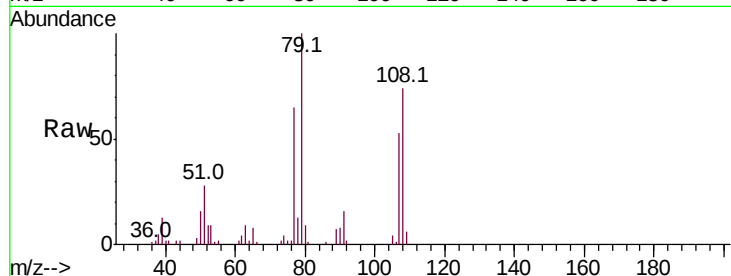
#15
Benzyl Alcohol
Concen: 4.376 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

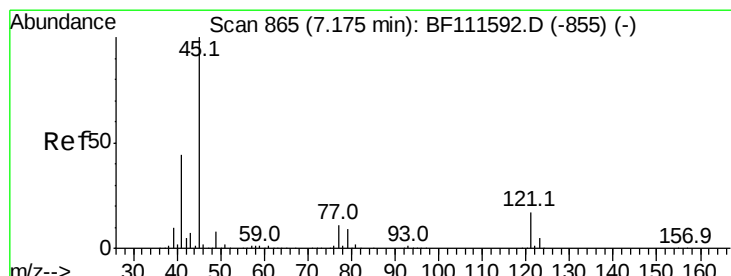
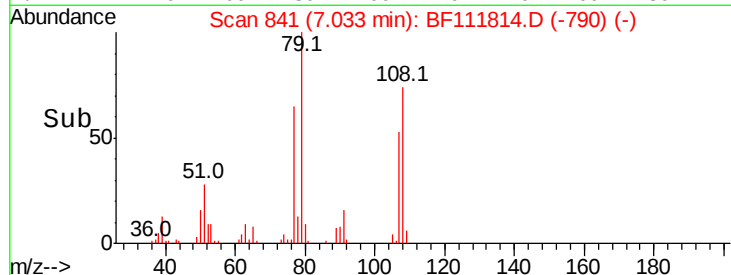
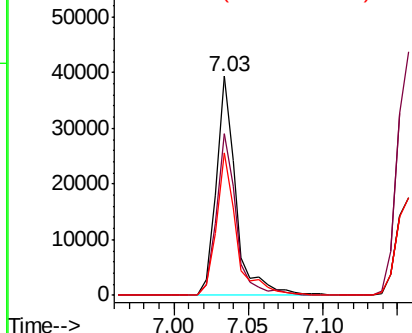
Tot Ion	Ratio	Lower	Upper
79	100		
108	73.6	69.4	104.2
77	65.2	49.7	74.5

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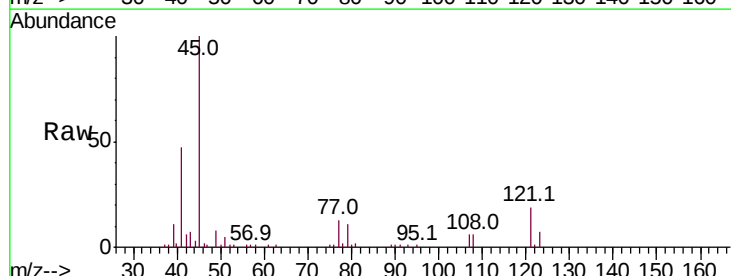


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

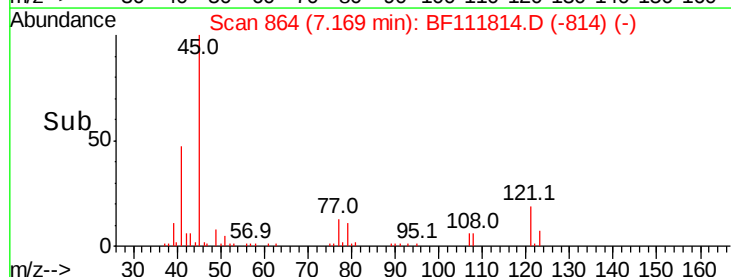
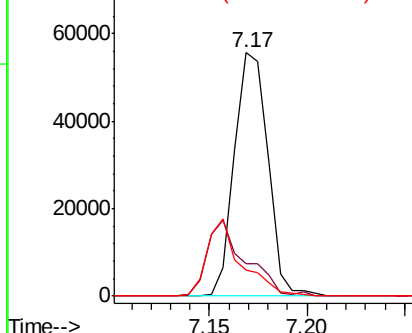


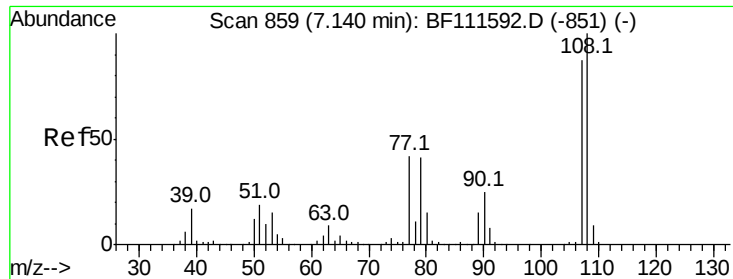
#16
2,2'-oxybis(1-chloropropane)
Concen: 4.083 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	31.5
79	10.8	0.0	28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





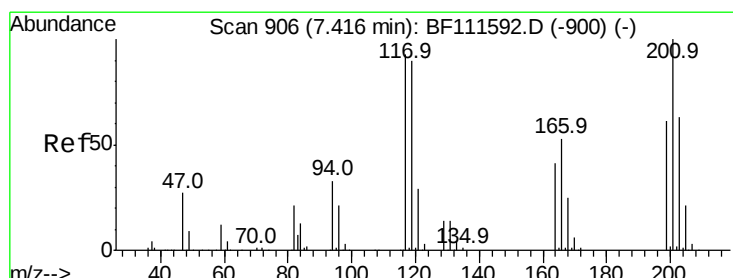
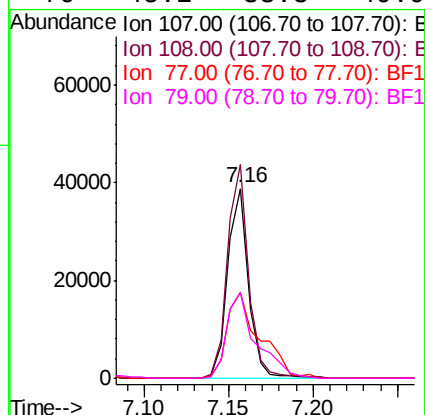
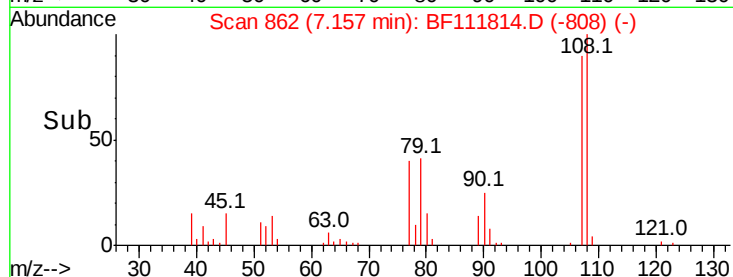
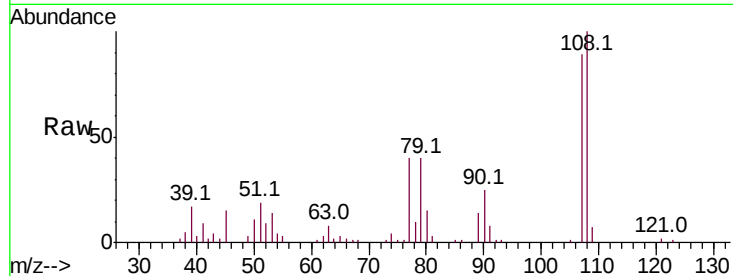
#17
2-Methylphenol
Concen: 4.623 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.0	136.4
77	44.9	33.5	50.3
79	45.2	33.3	49.9

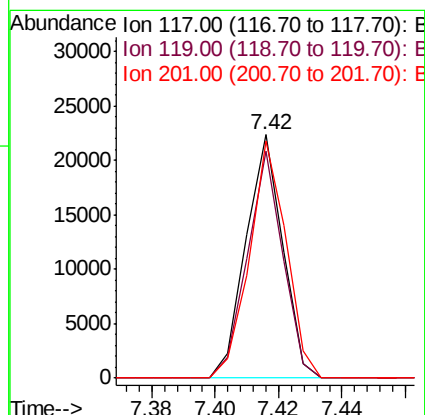
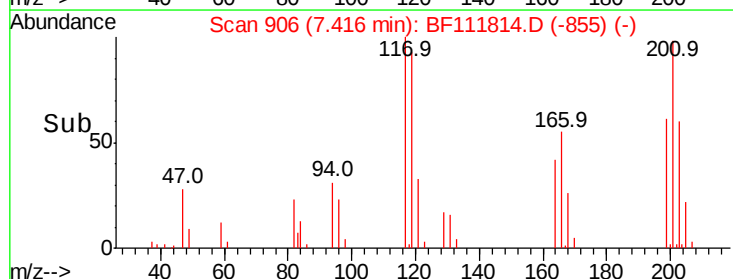
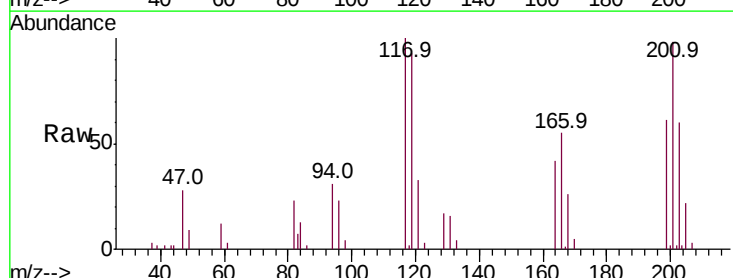
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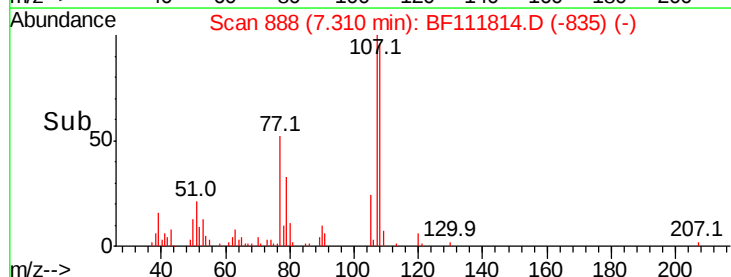
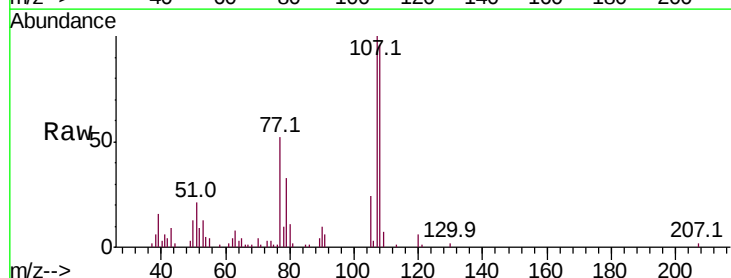
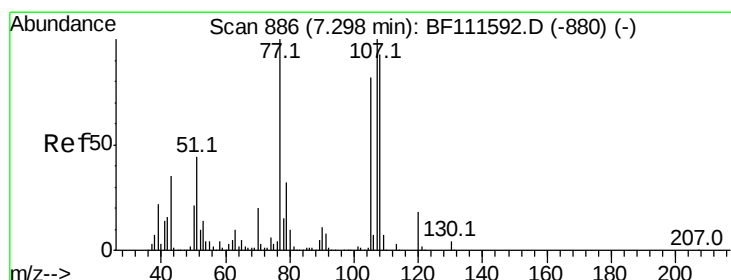
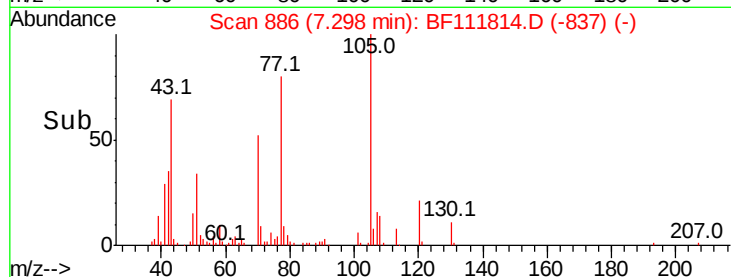
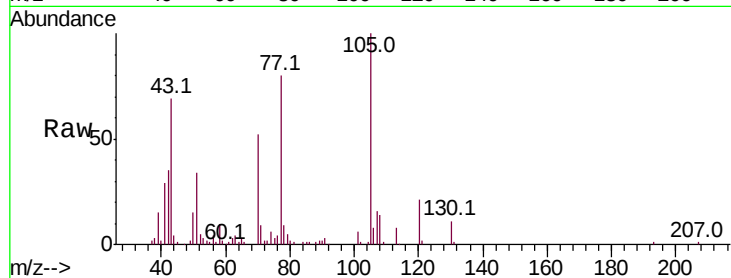
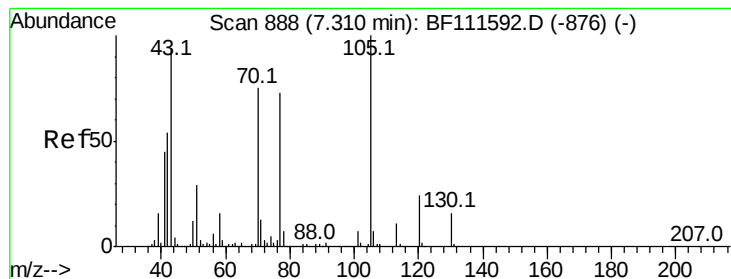
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#18
Hexachloroethane
Concen: 4.980 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.4	113.0
201	97.6	62.4	93.6#





#19

n-Nitroso-di-n-propylamine

Concen: 4.284 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

PB116085BS

Tot Ion: 70 Resp: 29683

Ion Ratio Lower Upper

70 100

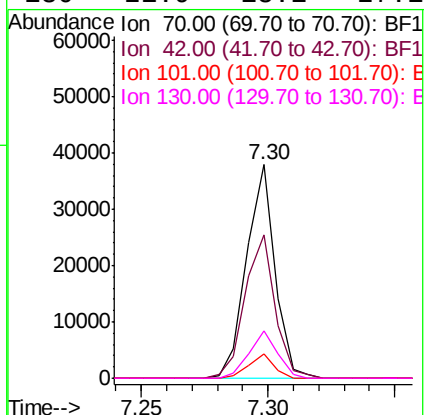
42 67.3 53.2 79.8

101 11.2 8.2 12.4

130 21.9 18.1 27.1

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#20

3+4-Methylphenols

Concen: 4.820 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion:107 Resp: 44295

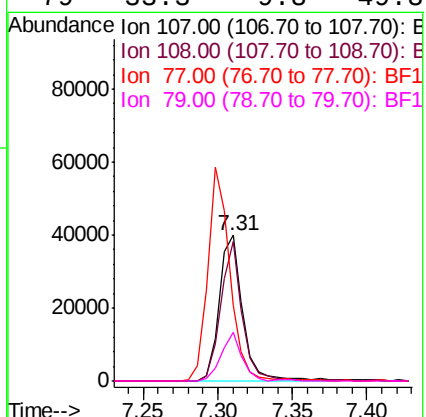
Ion Ratio Lower Upper

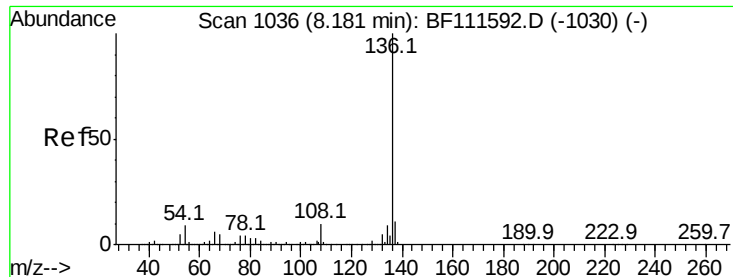
107 100

108 95.6 72.1 112.1

77 51.8 94.1 134.1#

79 33.3 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

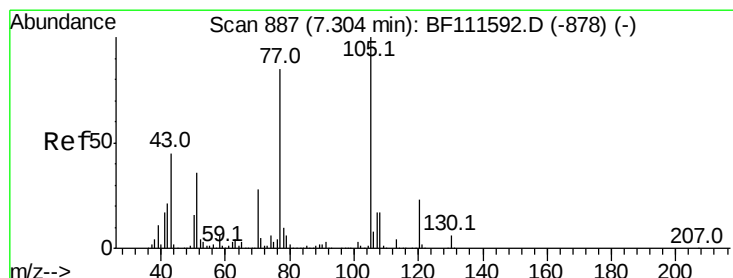
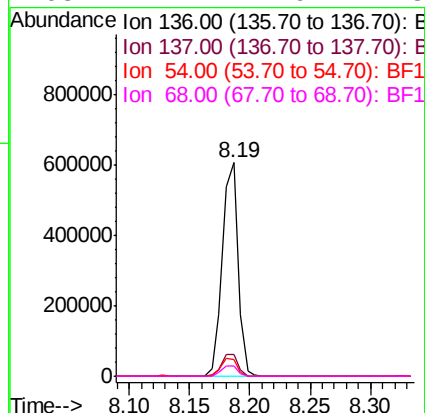
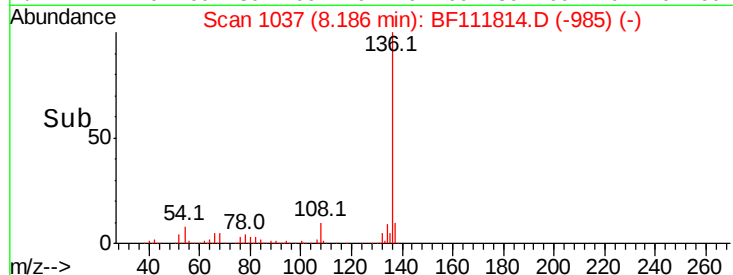
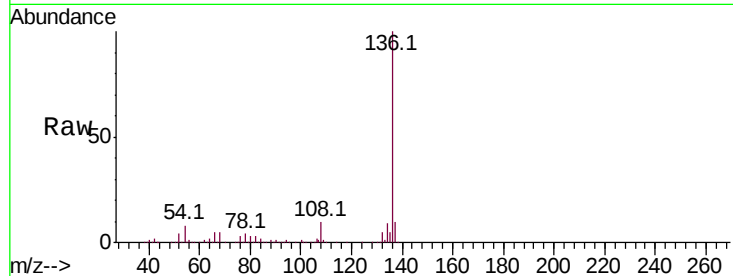
ClientSampleId :

PB116085BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.1	13.7	
54	7.7	7.7	11.5#	
68	4.7	4.9	7.3#	

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#22

Acetophenone

Concen: 4.358 ng

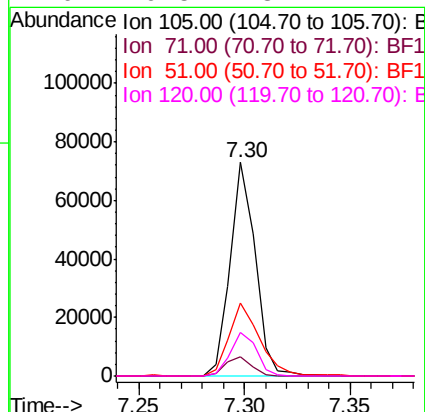
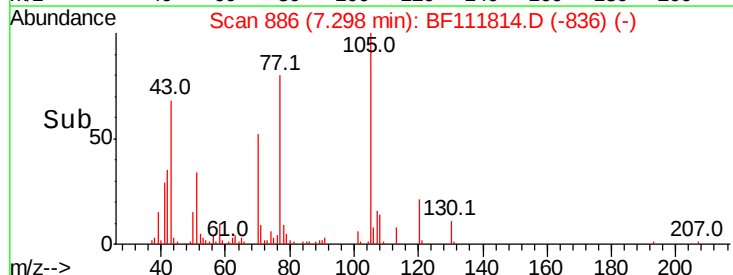
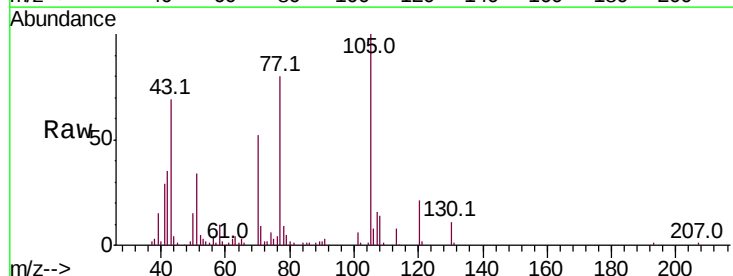
RT: 7.30 min Scan# 886

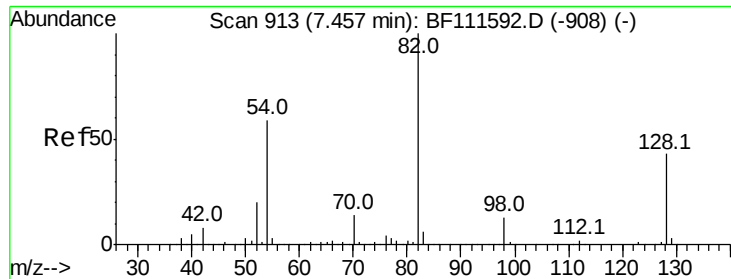
Delta R.T. -0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.8	3.1	4.7#	
51	34.2	36.6	54.8#	
120	20.5	18.2	27.4	





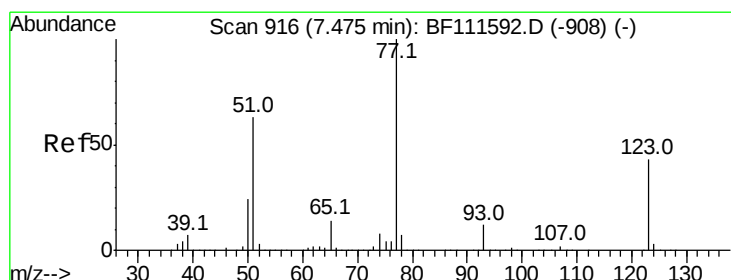
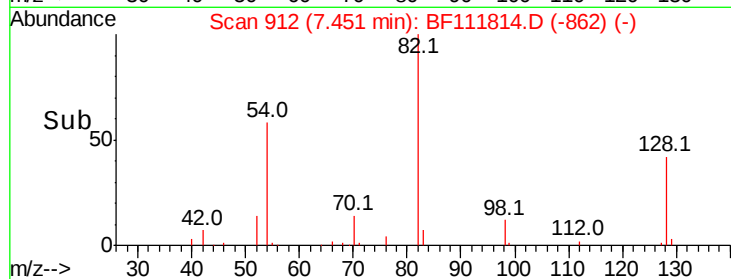
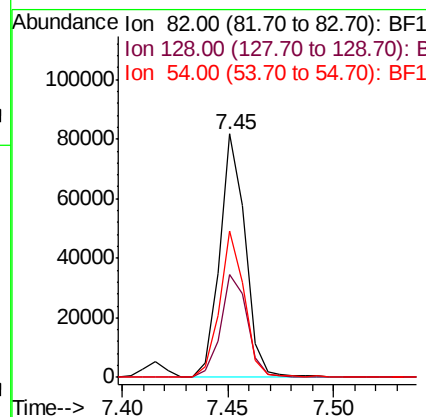
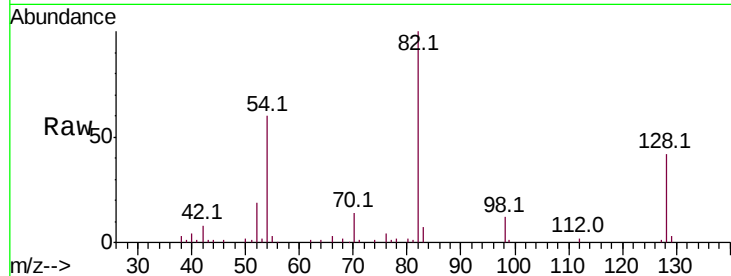
#23
Nitrobenzene-d5
Concen: 7.363 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampled :
PB116085BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	37.4	56.2
54	59.9	47.6	71.4

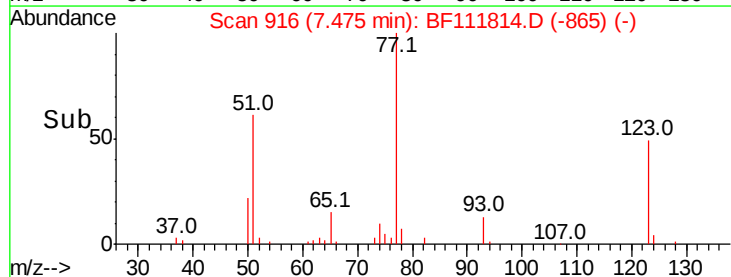
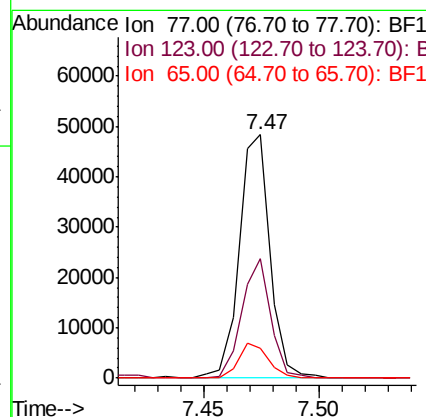
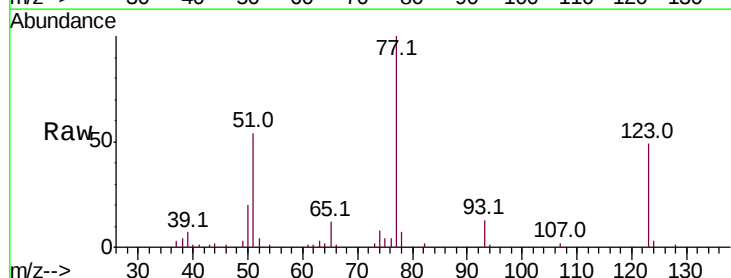
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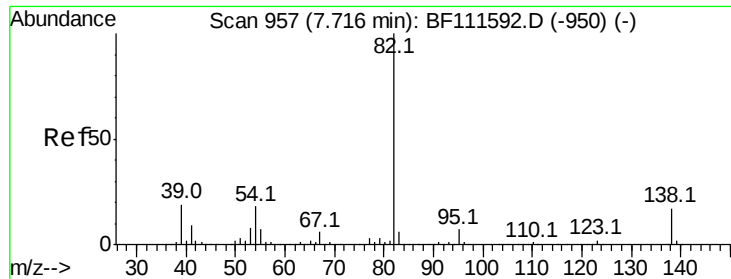
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#24
Nitrobenzene
Concen: 4.580 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.2	55.8
65	12.3	11.5	17.3





#25

Isophorone

Concen: 4.681 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

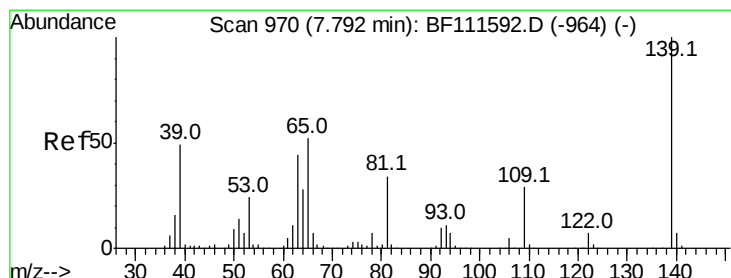
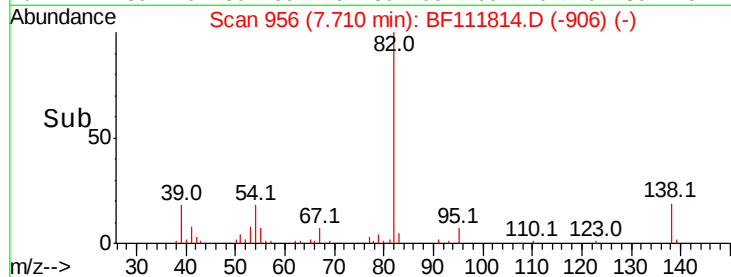
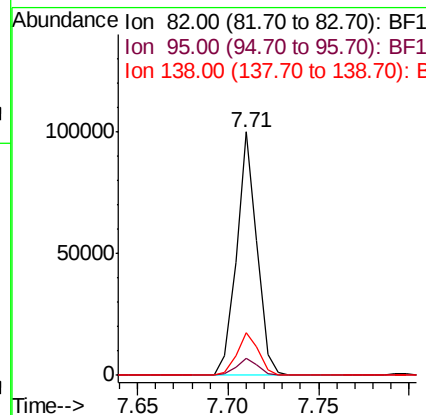
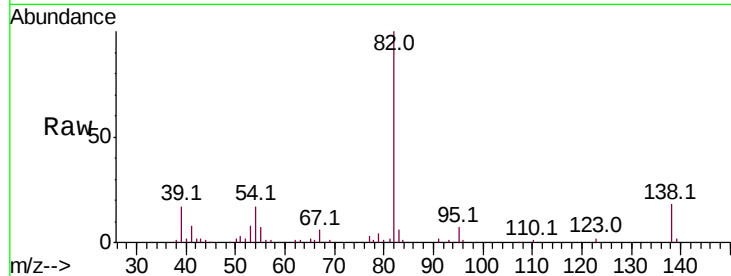
ClientSampleId :

PB116085BS

Tot Ion:	82	Resp:	77791
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.6	15.1	22.7

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#26

2-Nitrophenol

Concen: 4.983 ng

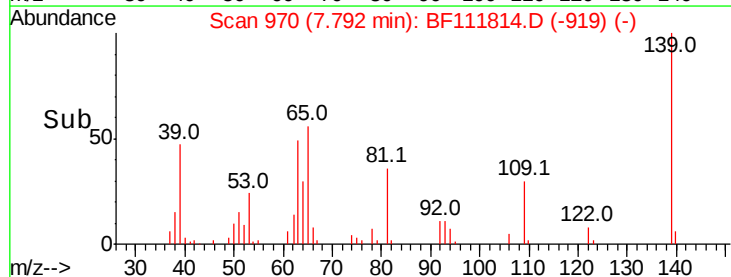
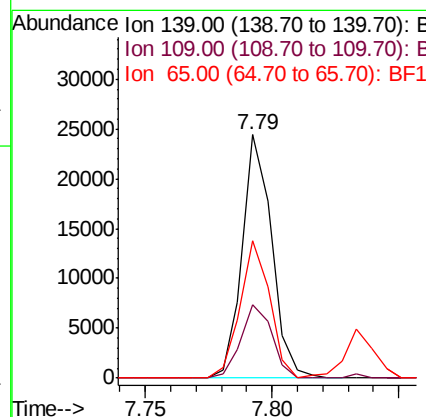
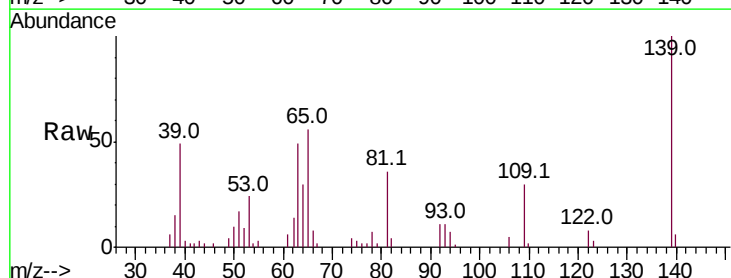
RT: 7.79 min Scan# 970

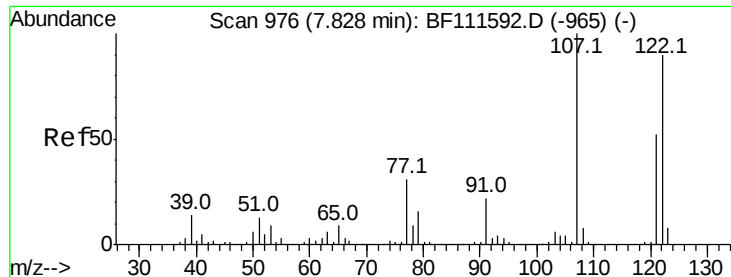
Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion:	139	Resp:	19826
Ion Ratio	Lower	Upper	
139	100		
109	30.0	20.2	30.4
65	56.3	40.7	61.1





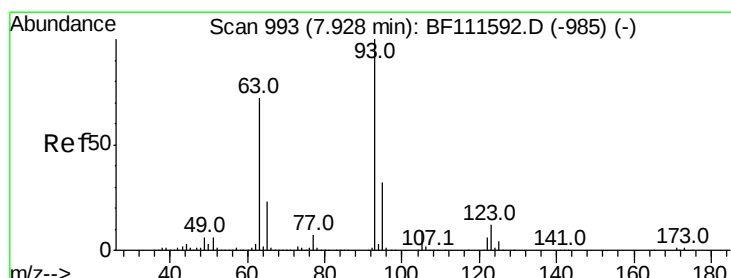
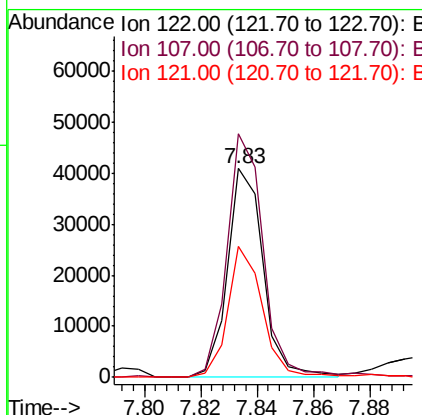
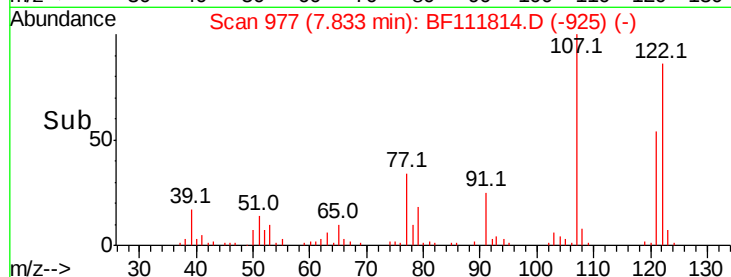
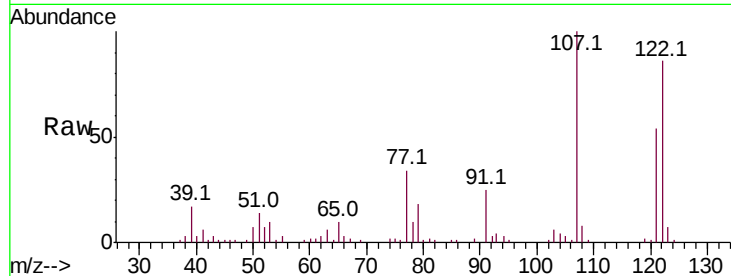
#27
 2,4-Dimethylphenol
 Concen: 4.608 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB116085BS

Tot Ion:	122	Resp:	36141
Ion Ratio	Lower	Upper	
122	100		
107	116.7	85.5	128.3
121	62.8	46.6	70.0

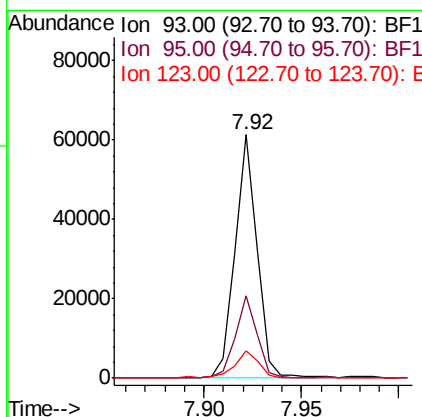
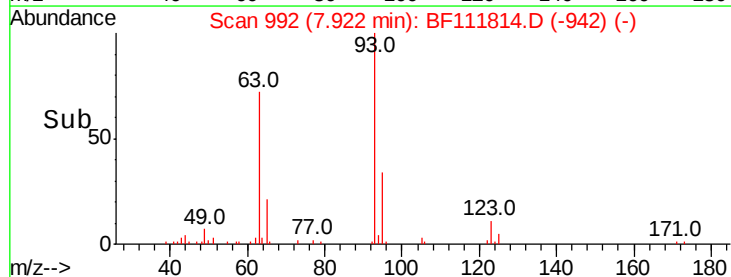
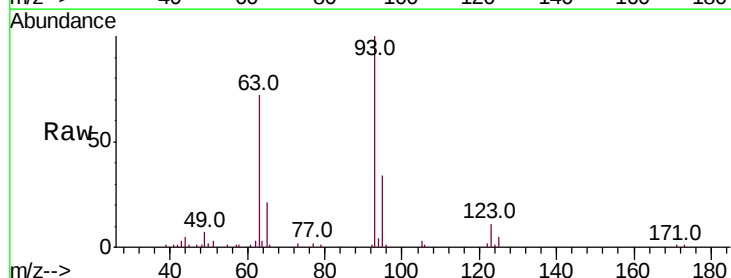
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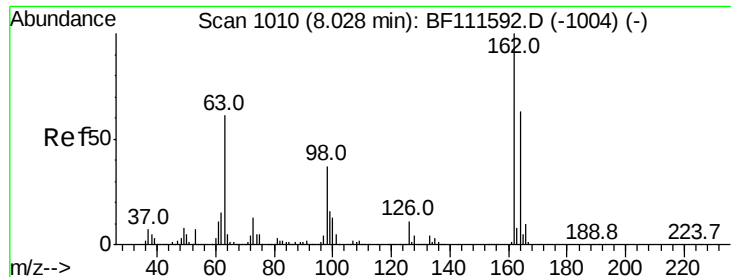
Sohil
 1/3/2019 10:59:37 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.367 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion:	93	Resp:	48287
Ion Ratio	Lower	Upper	
93	100		
95	33.8	27.1	40.7
123	11.3	9.9	14.9





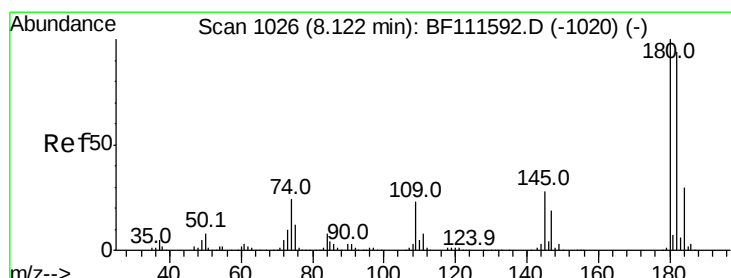
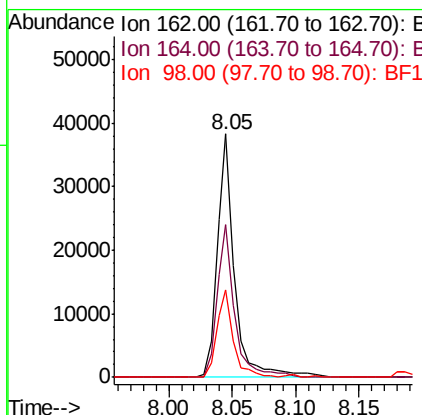
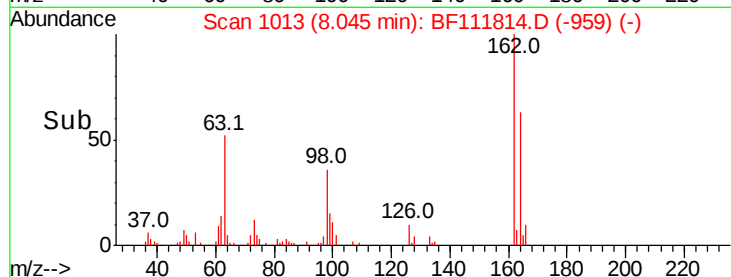
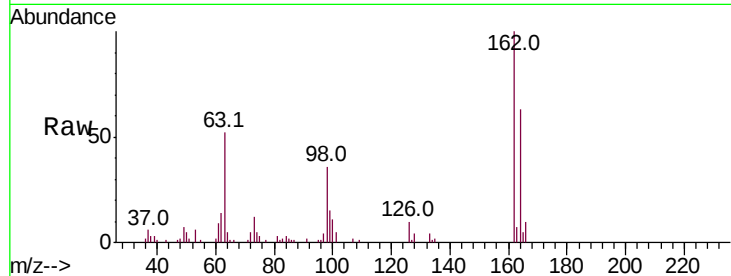
#29
 2,4-Dichlorophenol
 Concen: 4.347 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.02 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB116085BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.4	84.4
98	36.2	20.3	60.3

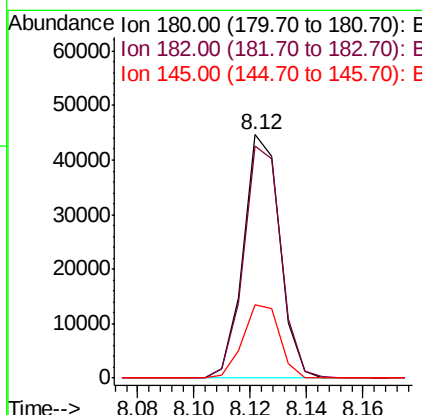
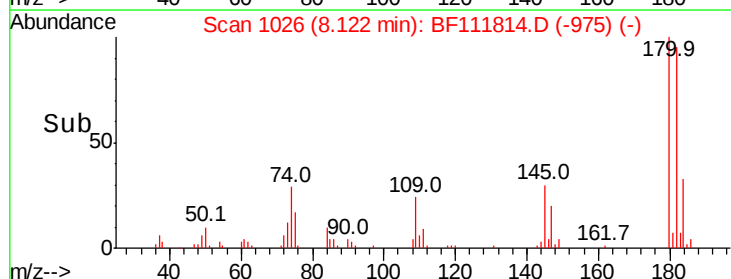
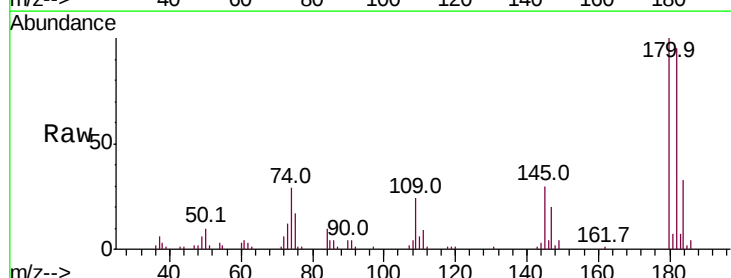
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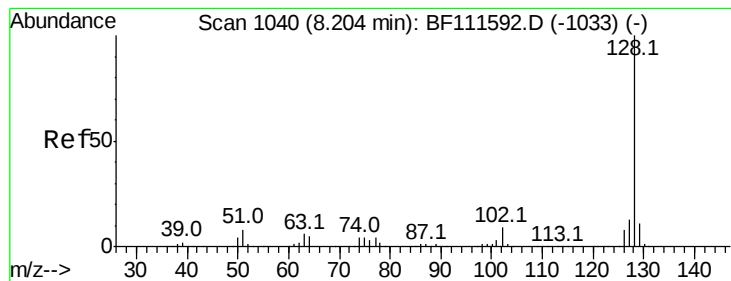
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#30
 1,2,4-Trichlorobenzene
 Concen: 4.255 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.6	113.4
145	29.9	26.7	40.1





#31

Naphthalene

Concen: 4.890 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

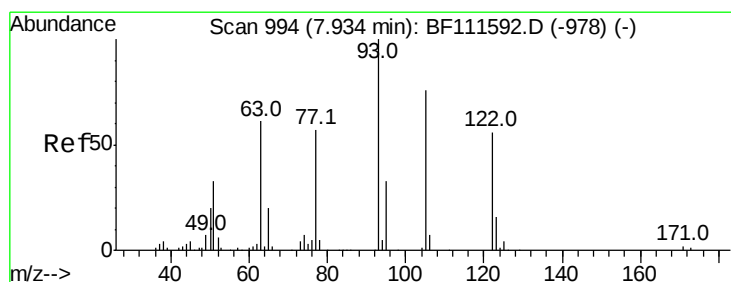
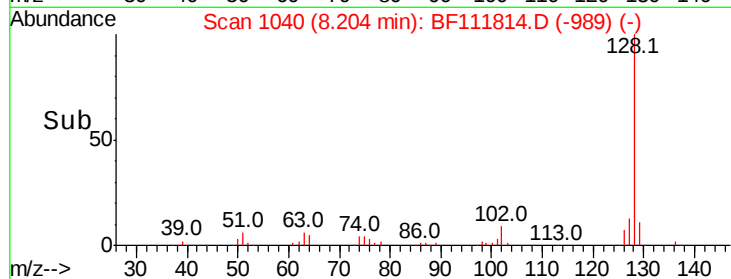
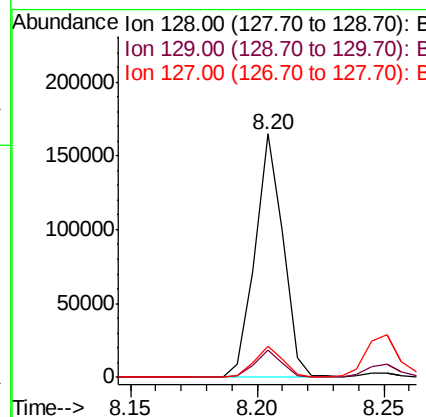
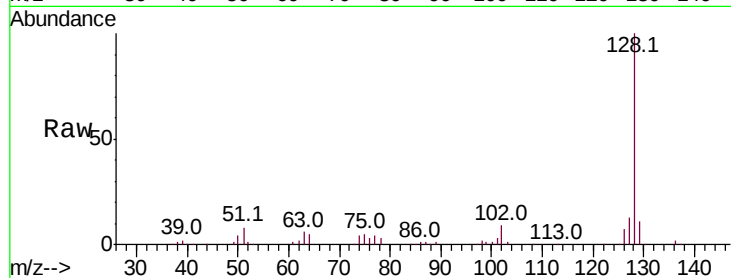
ClientSampleId :

PB116085BS

Tot Ion:128	Resp:	128020
Ion Ratio	Lower	Upper
128	100	
129	11.3	9.8 14.8
127	12.7	12.0 18.0

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#32

Benzoic acid

Concen: 2.213 ng m

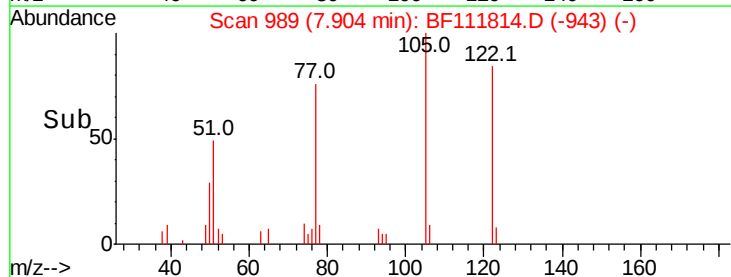
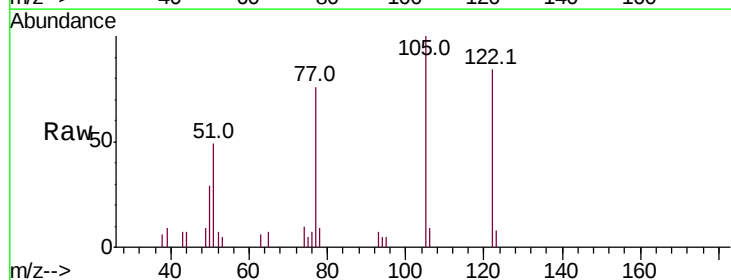
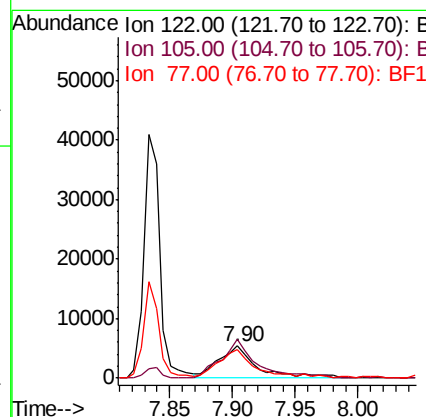
RT: 7.90 min Scan# 989

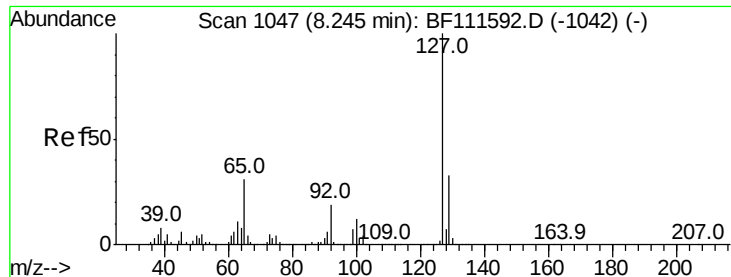
Delta R.T. -0.03 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion:122	Resp:	11477
Ion Ratio	Lower	Upper
122	100	
105	119.5	97.0 137.0
77	90.7	65.7 105.7





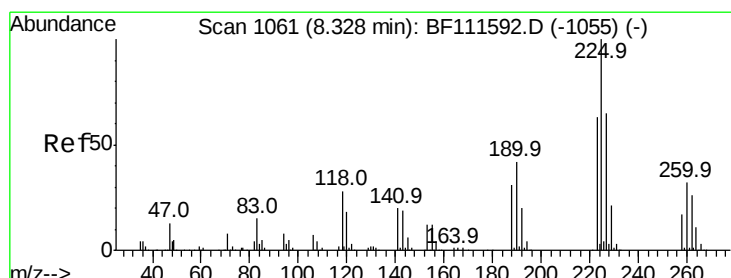
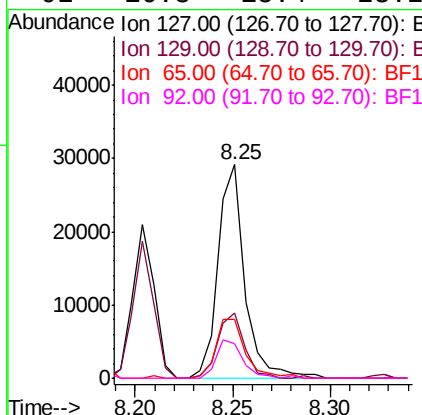
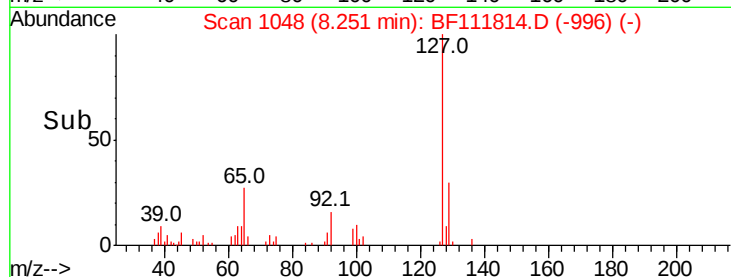
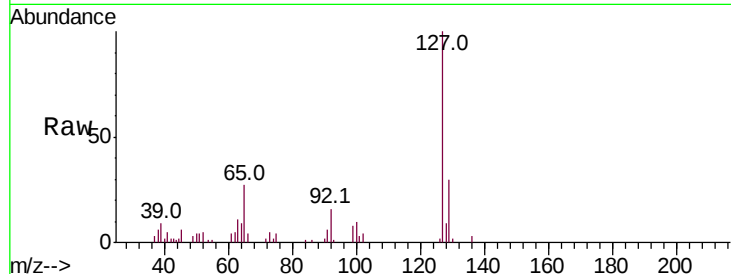
#33
4-Chloroaniline
Concen: 2.452 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		27746		
129	30.5	26.6	39.8		
65	27.4	25.7	38.5		
92	16.3	15.4	23.2		

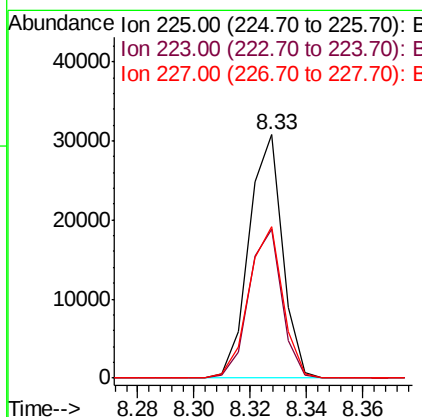
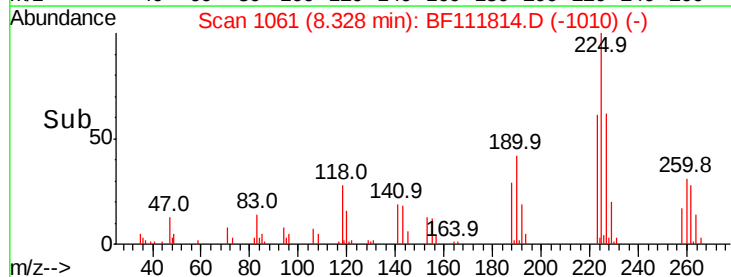
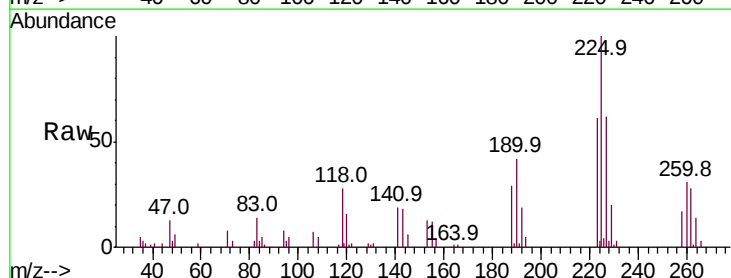
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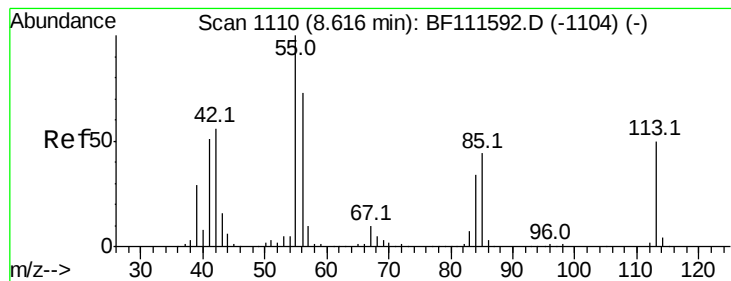
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#34
Hexachlorobutadiene
Concen: 4.414 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		25293		
223	61.2	50.7	76.1		
227	62.3	52.6	78.8		





#35

Caprolactam

Concen: 3.738 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.05 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampled :

PB116085BS

Tot Ion:113 Resp: 10687

Ion Ratio Lower Upper

113 100

55 193.5 184.1 224.1

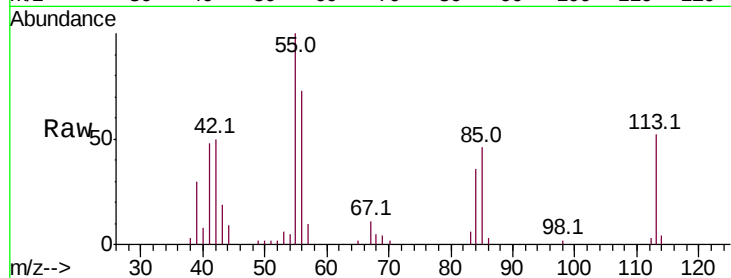
56 141.4 126.0 166.0

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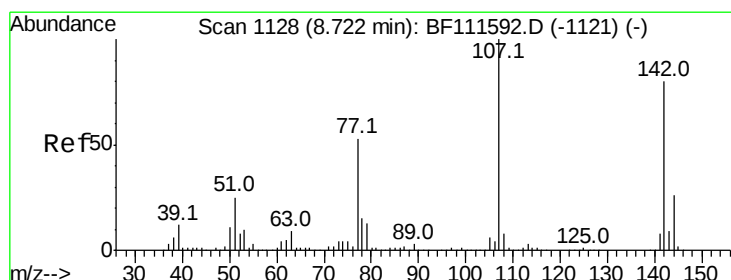
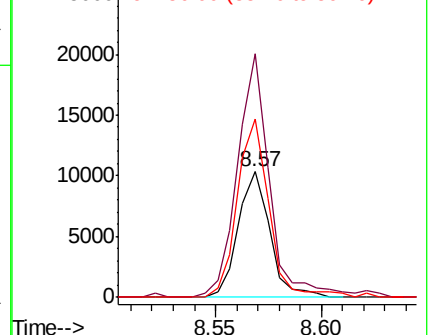
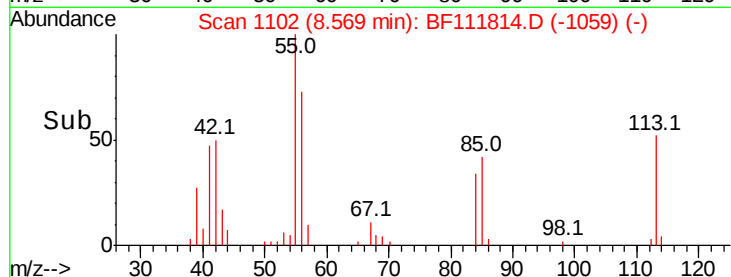
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 4.566 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

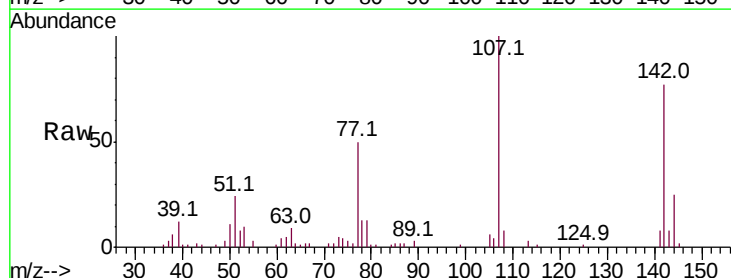
Tgt Ion:107 Resp: 37863

Ion Ratio Lower Upper

107 100

144 24.9 19.8 29.6

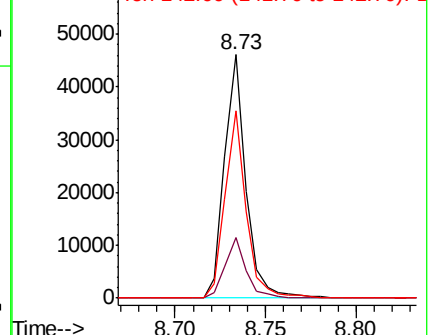
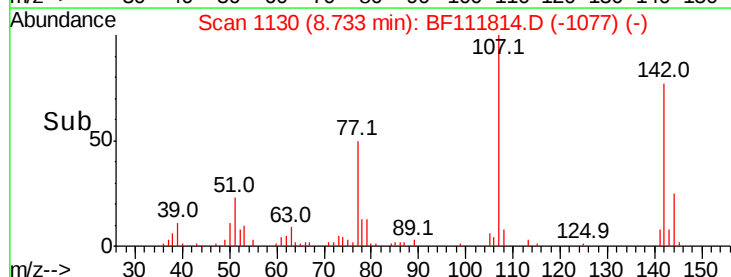
142 76.8 62.3 93.5

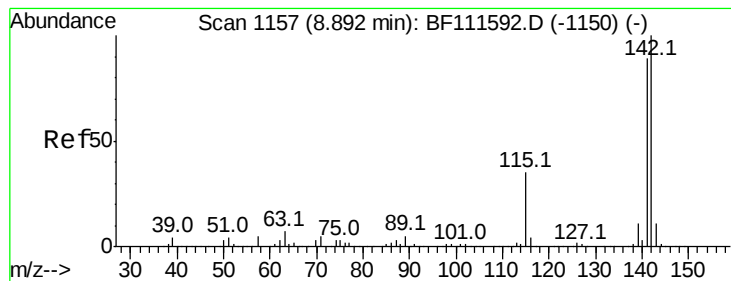


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





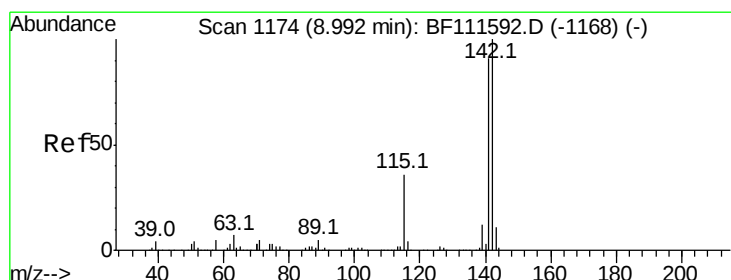
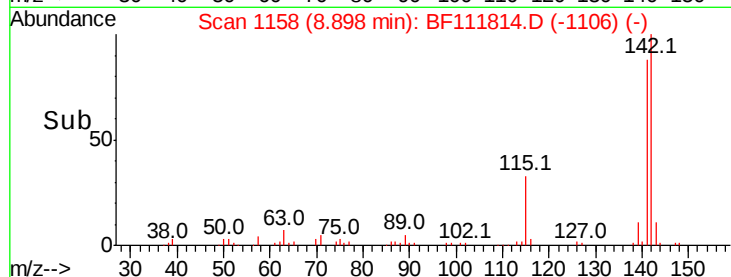
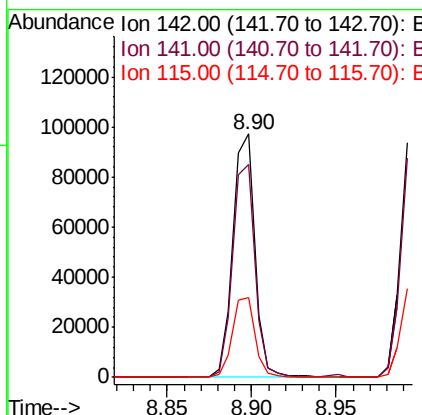
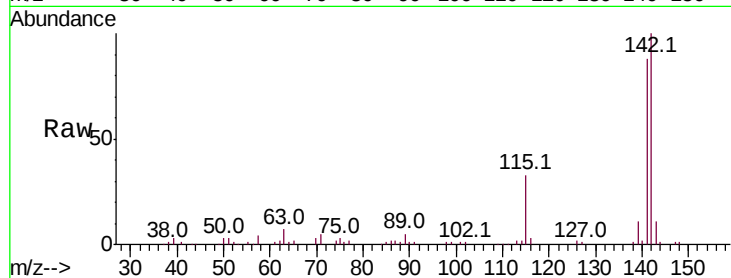
#37
2-Methylnaphthalene
Concen: 5.167 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.6	105.8
115	32.9	27.0	40.6

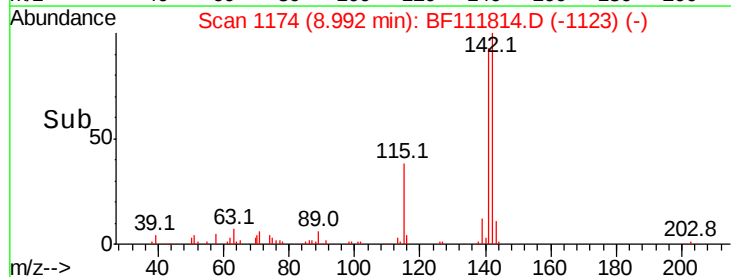
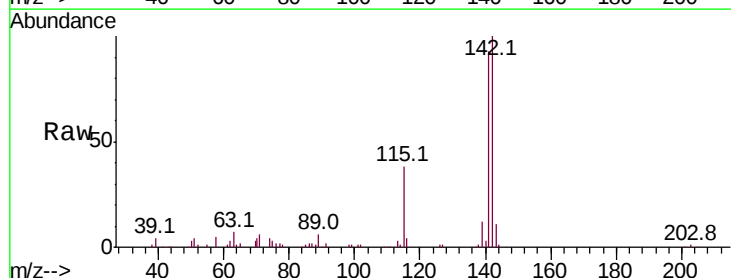
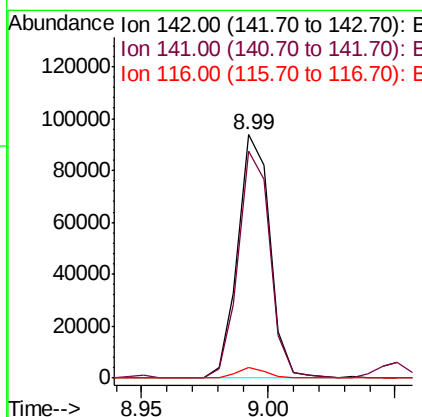
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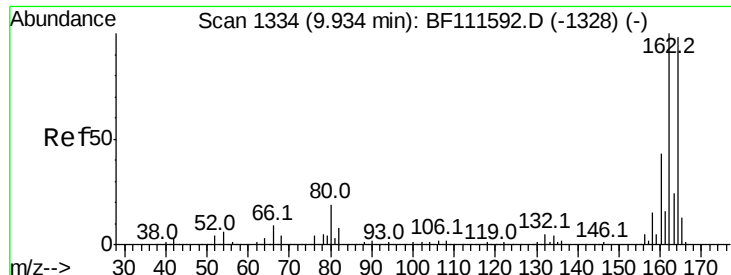
Sohil
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#38
1-Methylnaphthalene
Concen: 5.066 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.2	111.4
116	4.2	2.9	4.3





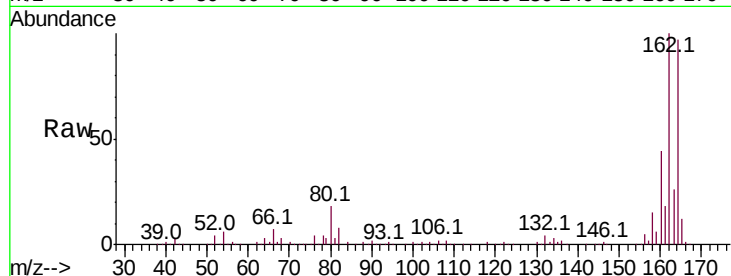
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	287426		
162	102.8	81.4	122.0	
160	45.0	35.7	53.5	

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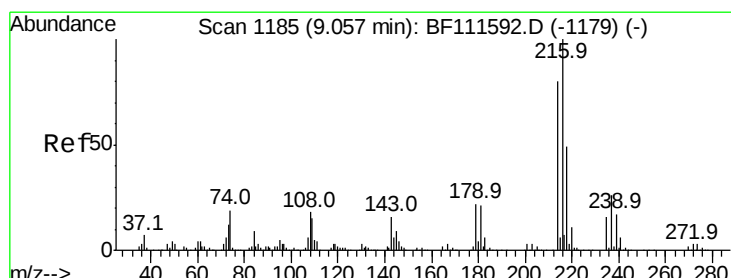
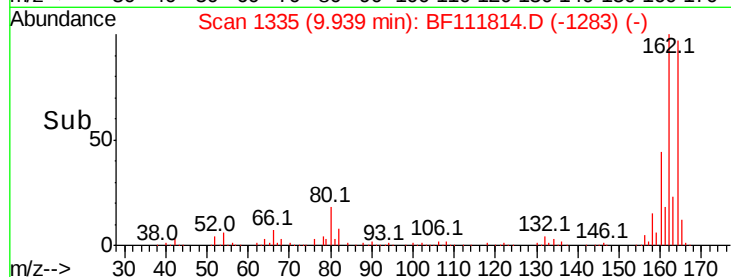
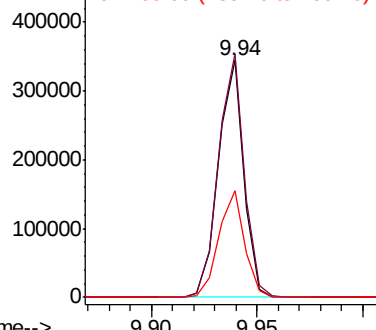


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.456 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	42083		
214	78.8	63.8	95.8	
179	20.5	17.9	26.9	
108	19.9	18.4	27.6	

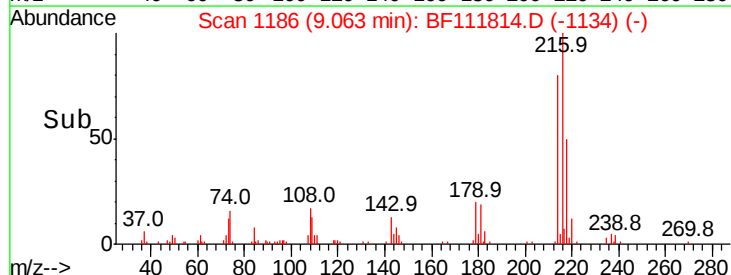
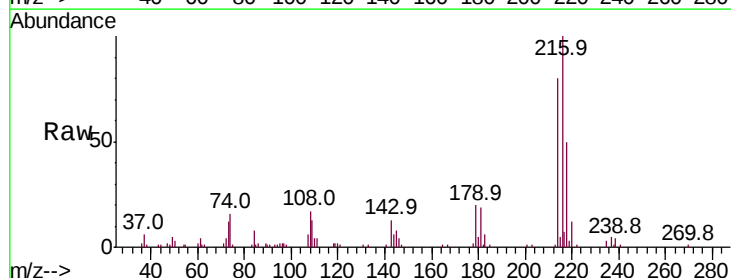
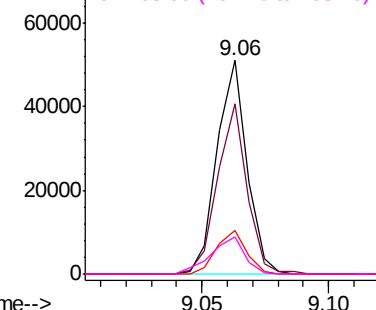
Abundance

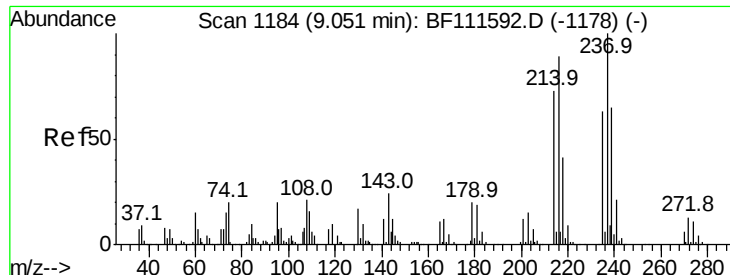
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 9.421 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

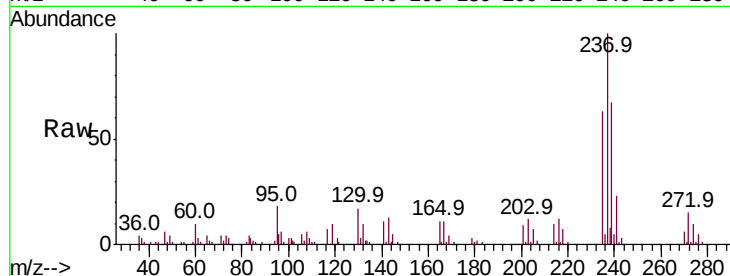
ClientSampleId :

PB116085BS

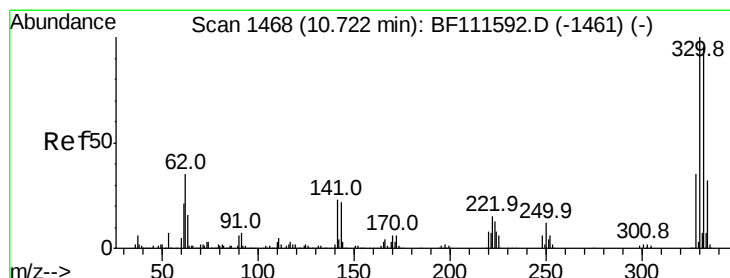
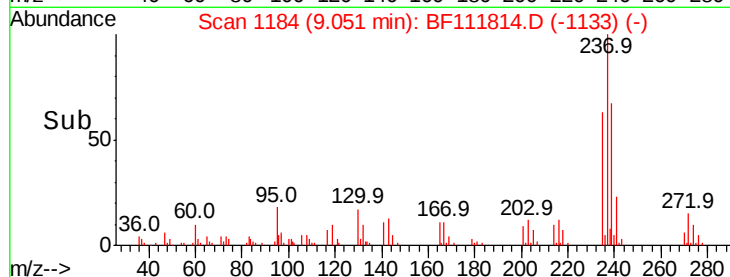
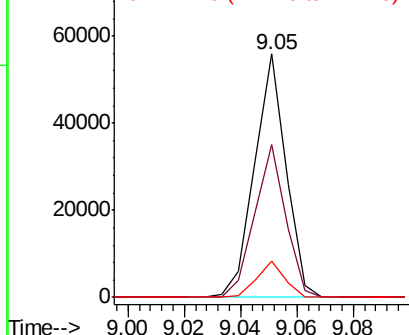
Tot Ion:	237	Resp:	43180
Ion Ratio		Lower	Upper
237	100		
235	63.0	43.1	83.1
272	15.1	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 13.476 ng

RT: 10.73 min Scan# 1469

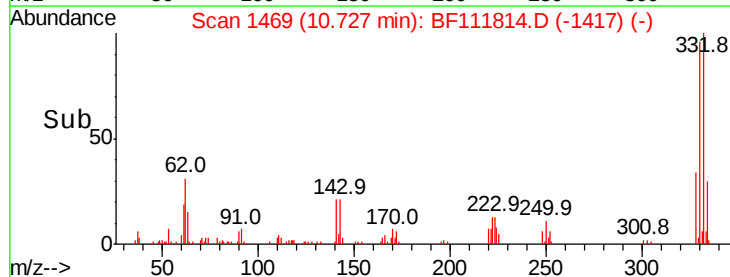
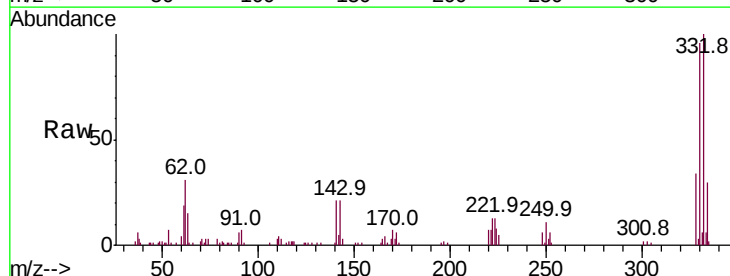
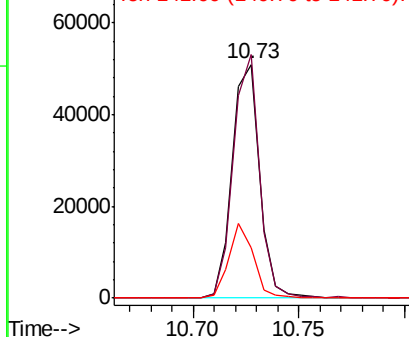
Delta R.T. 0.01 min

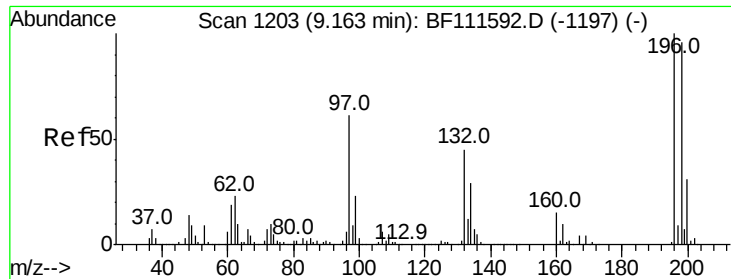
Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion:	330	Resp:	45768
Ion Ratio		Lower	Upper
330	100		
332	98.8	76.0	114.0
141	28.5	31.0	46.6#

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





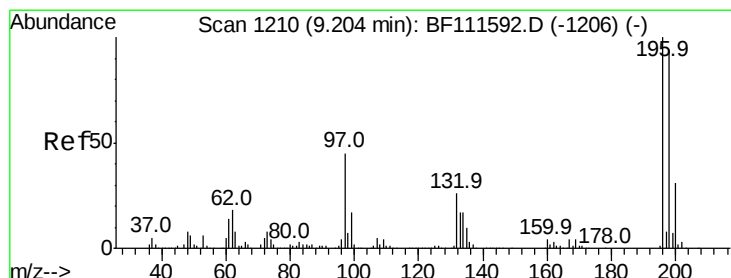
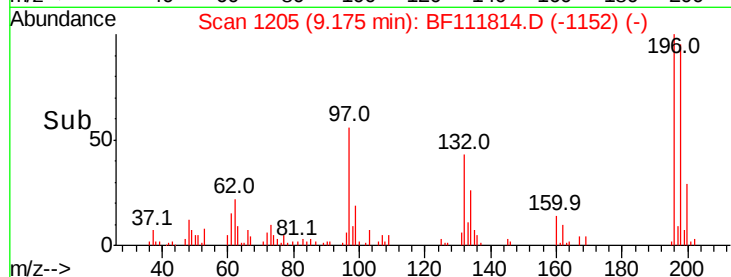
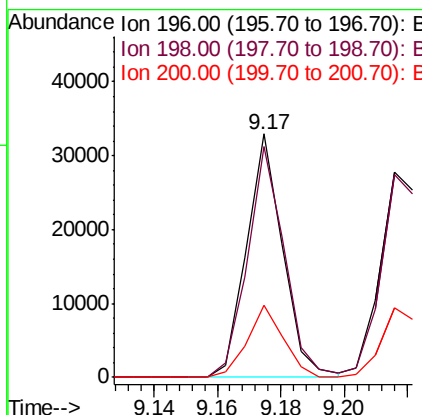
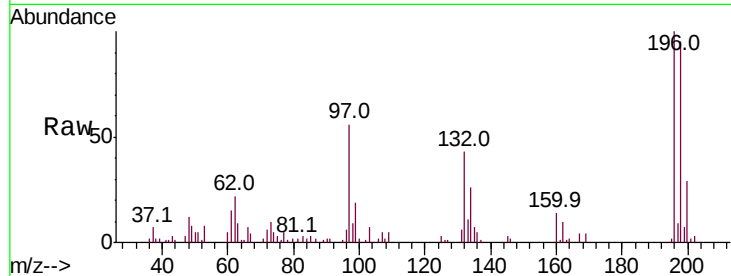
#43
 2,4,6-Trichlorophenol
 Concen: 4.147 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampled :
 PB116085BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	26149		
198	95.0	76.3	114.5	
200	29.4	24.9	37.3	

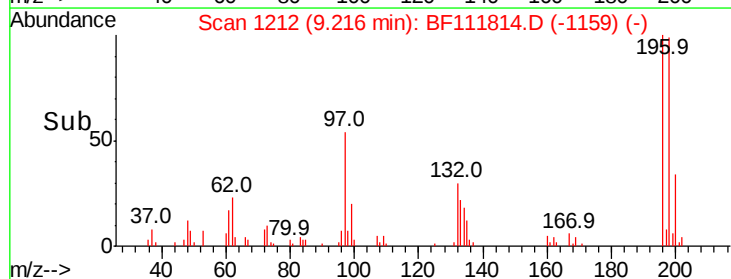
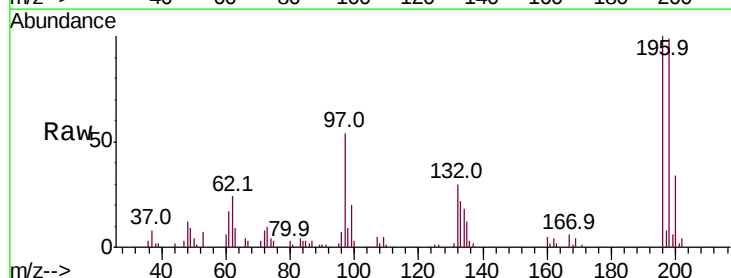
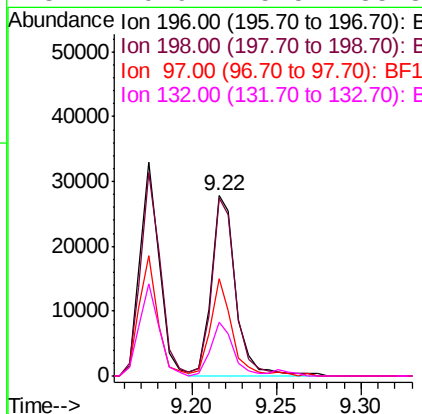
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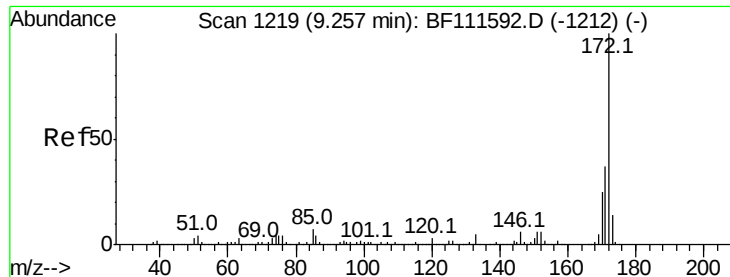
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 4.395 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	28433		
198	98.7	72.9	109.3	
97	54.1	45.3	67.9	
132	29.9	25.5	38.3	





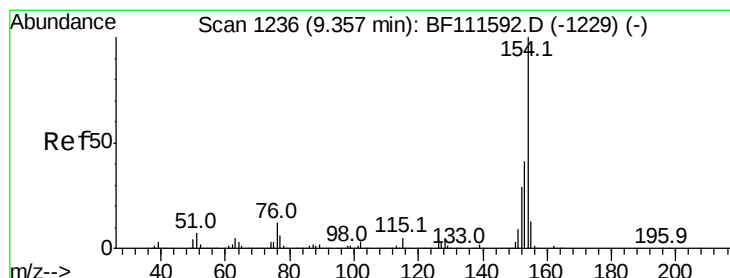
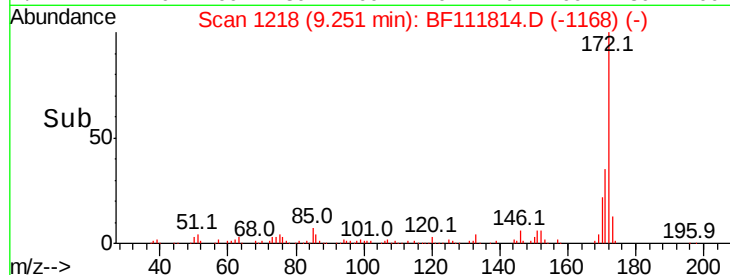
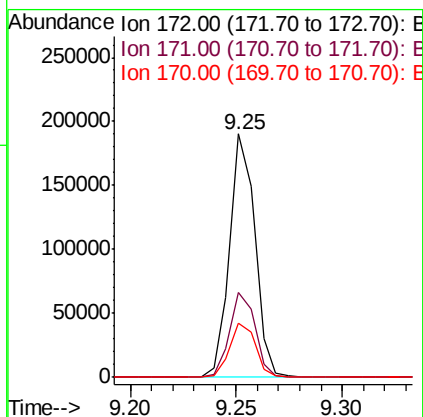
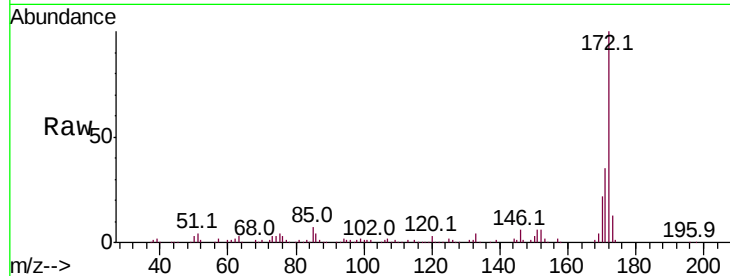
#45
2-Fluorobiphenyl
Concen: 7.961 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	156989		
171	34.7		33.0	49.4
170	22.5		22.3	33.5

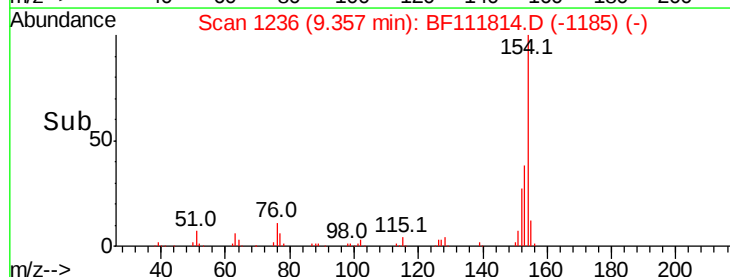
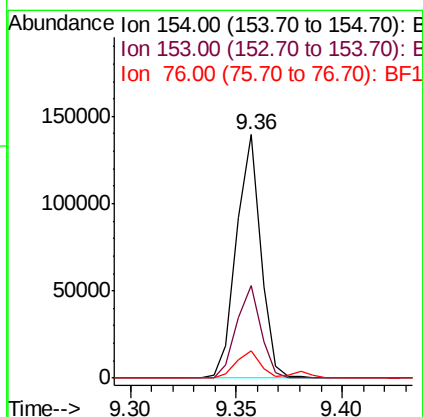
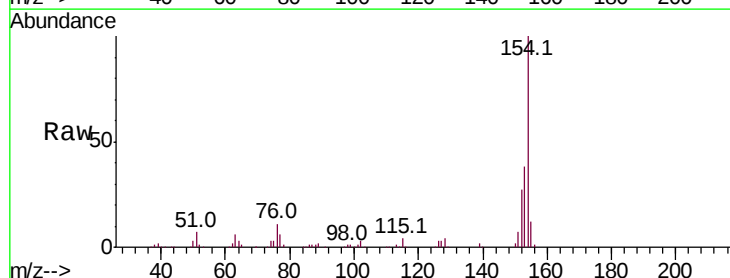
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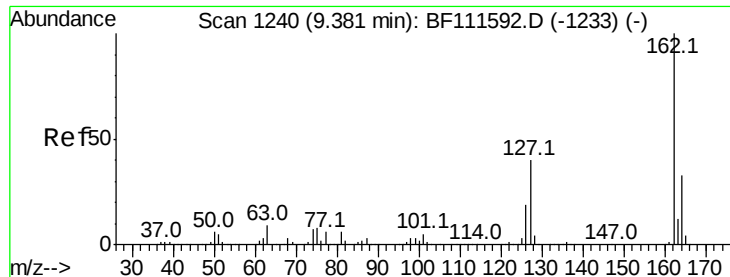
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#46
1,1'-Biphenyl
Concen: 4.551 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	110416		
153	37.9		23.7	63.7
76	11.0		0.0	35.0





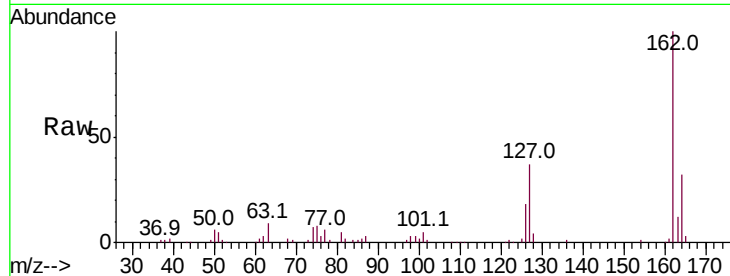
#47
 2-Chloronaphthalene
 Concen: 4.455 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB116085BS

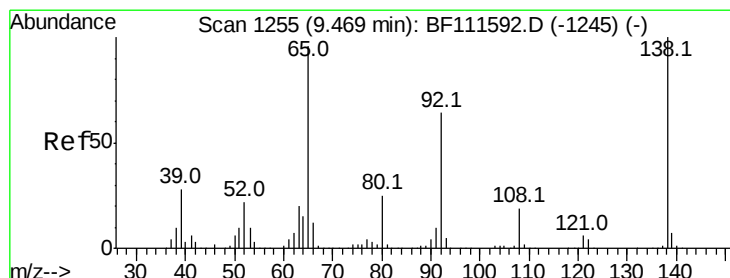
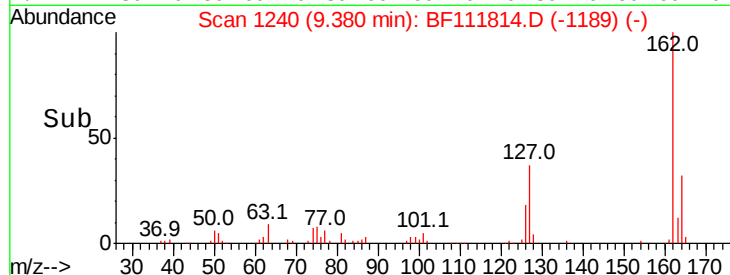
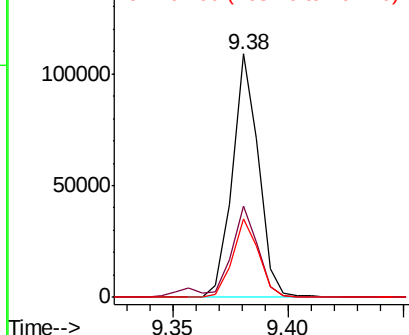
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.5	35.0	52.4	
164	32.1	28.4	42.6	

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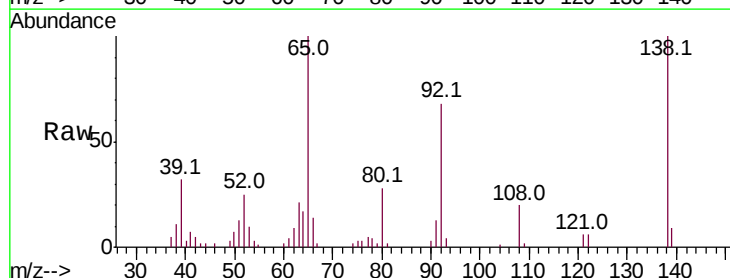


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

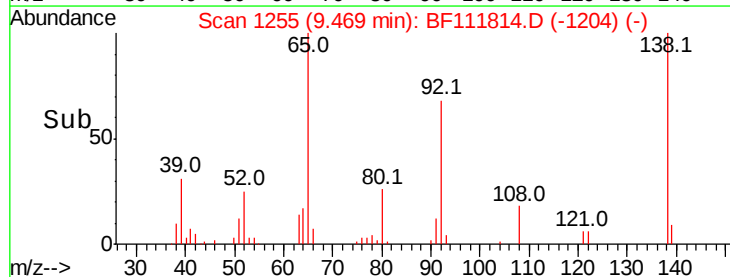
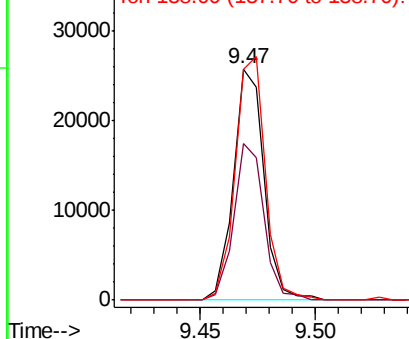


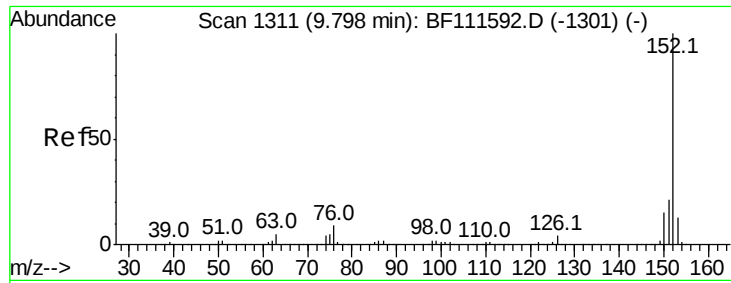
#48
 2-Nitroaniline
 Concen: 4.744 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	67.6	53.5	80.3	
138	99.9	80.9	121.3	



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





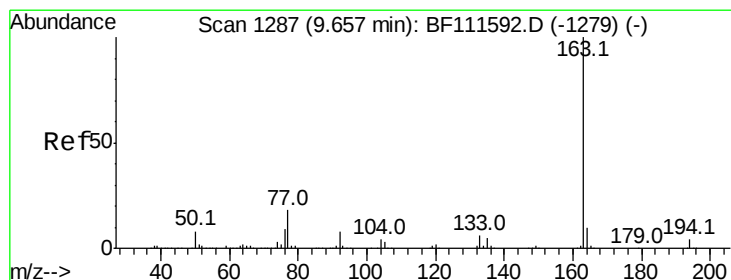
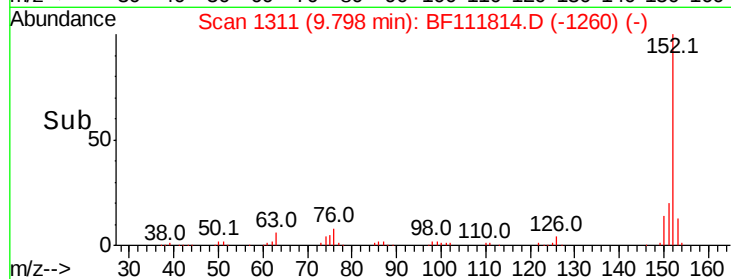
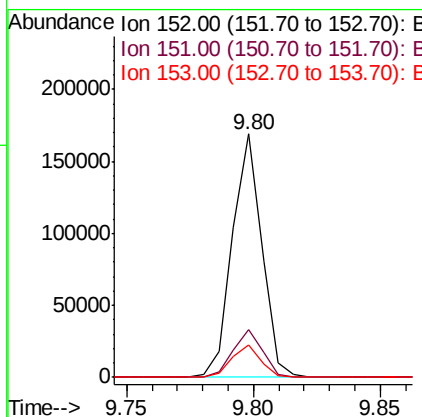
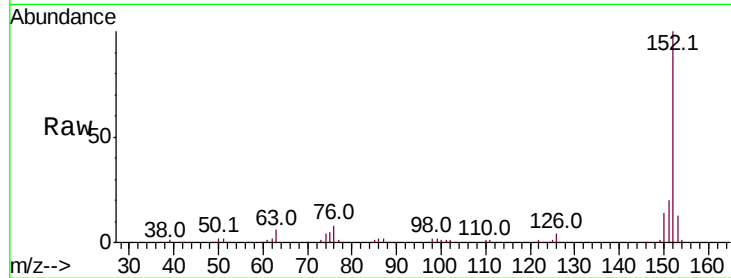
#49
Acenaphthylene
Concen: 4.853 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	19.5	18.0	27.0
153	13.3	12.3	18.5

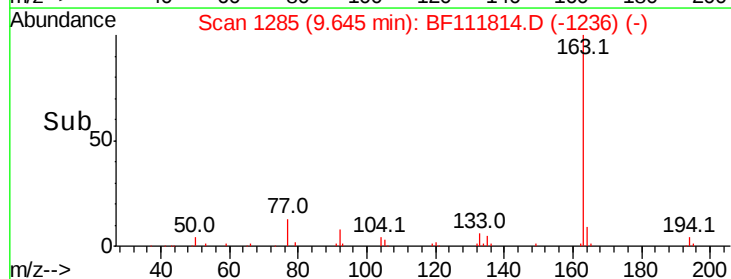
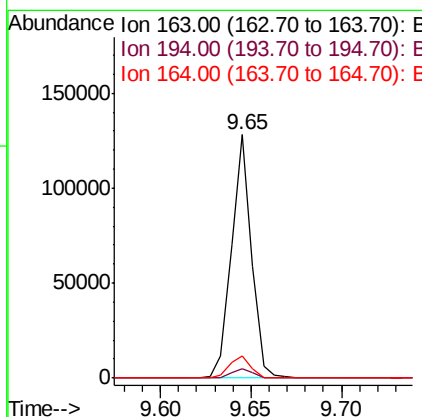
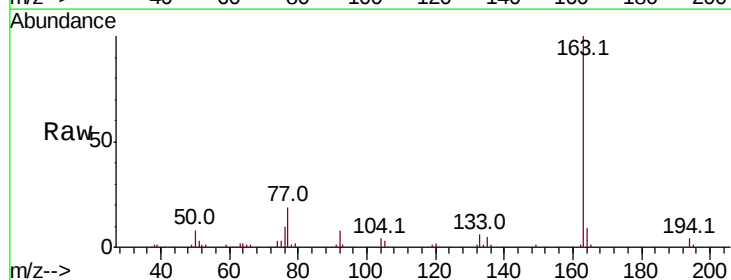
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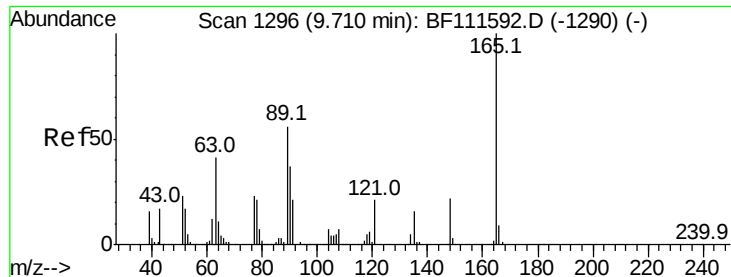
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#50
Dimethylphthalate
Concen: 4.689 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.4	8.9	13.3





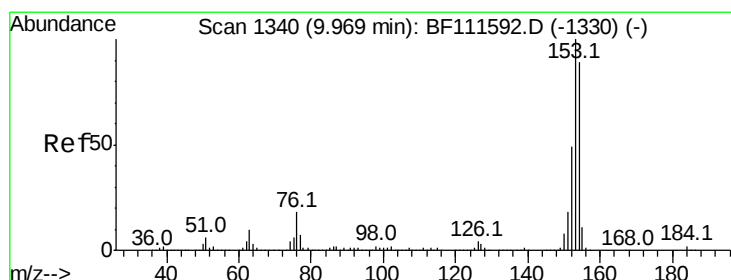
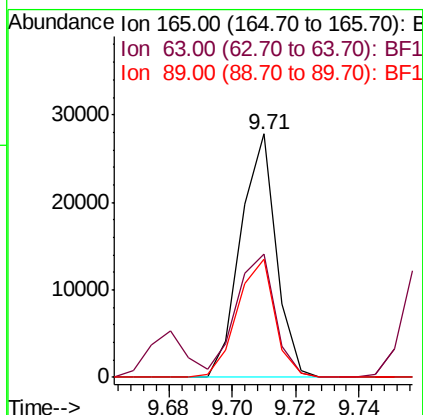
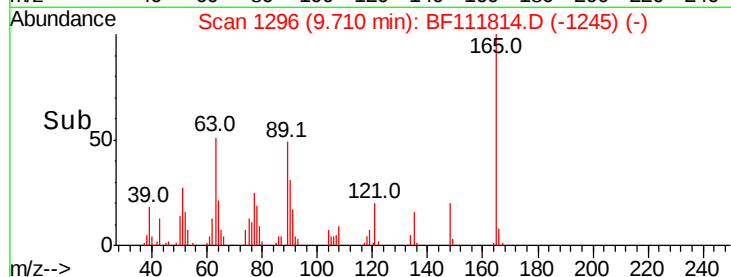
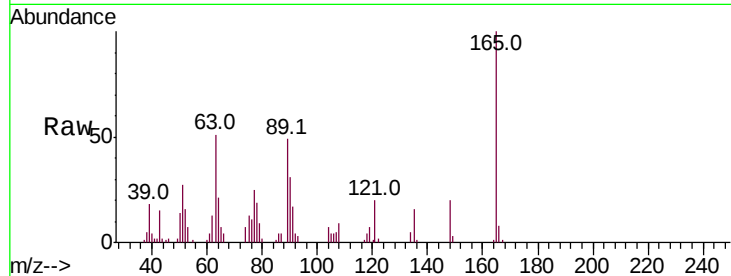
#51
2,6-Dinitrotoluene
Concen: 5.137 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	21530		
63	50.7		40.5	60.7
89	48.6		40.0	60.0

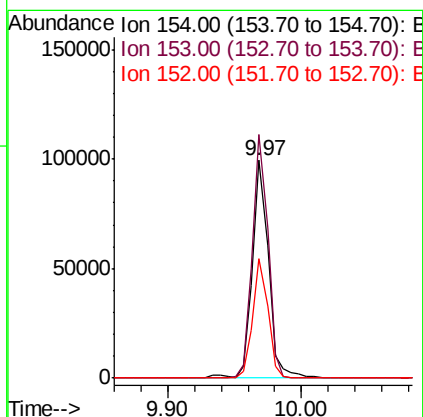
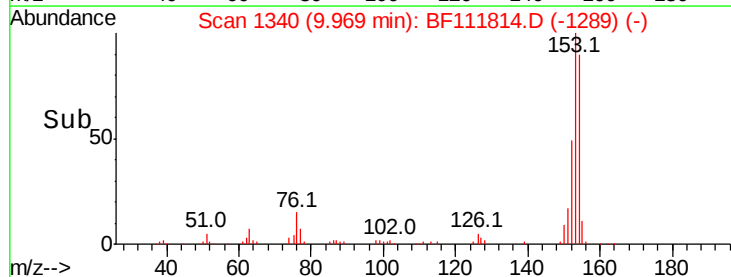
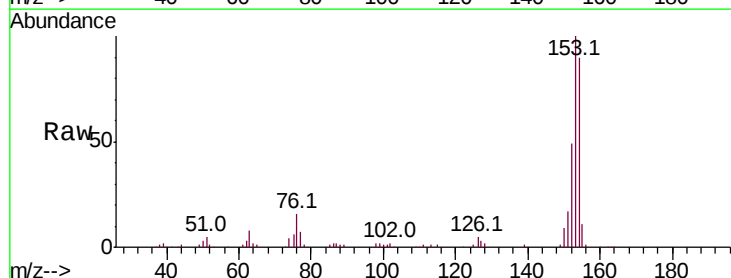
Manual Integrations
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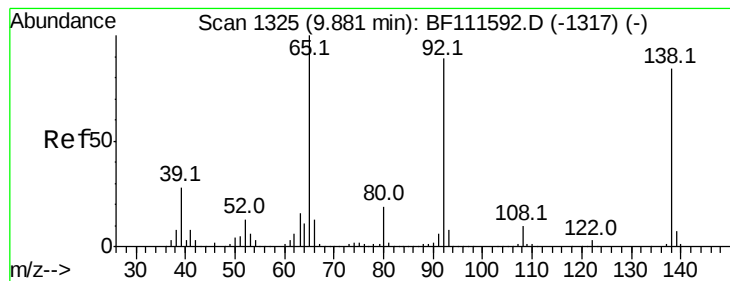
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#52
Acenaphthene
Concen: 4.735 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	81970		
153	111.7		87.8	131.8
152	54.8		43.4	65.2





#53

3-Nitroaniline

Concen: 3.982 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

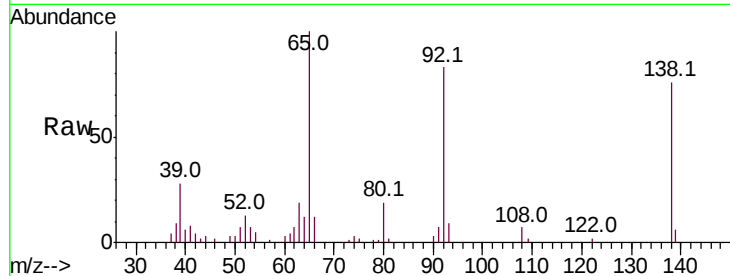
ClientSampleId :

PB116085BS

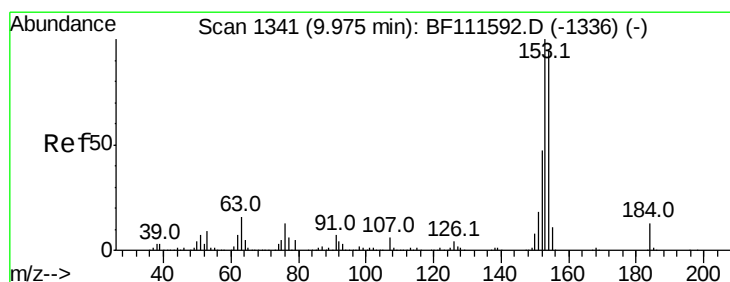
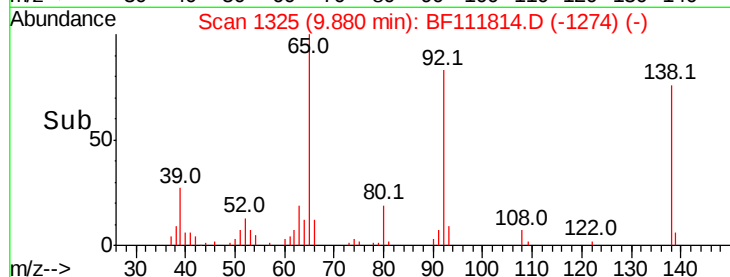
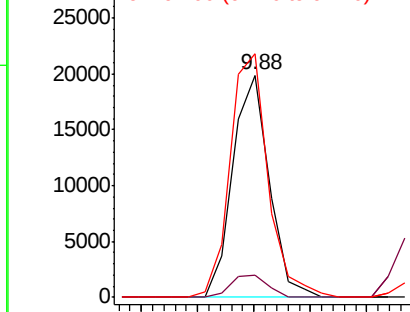
Tot Ion:	138	Resp:	17799
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.2	12.4
92	109.7	93.4	140.2

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



#54

2,4-Dinitrophenol

Concen: 11.298 ng

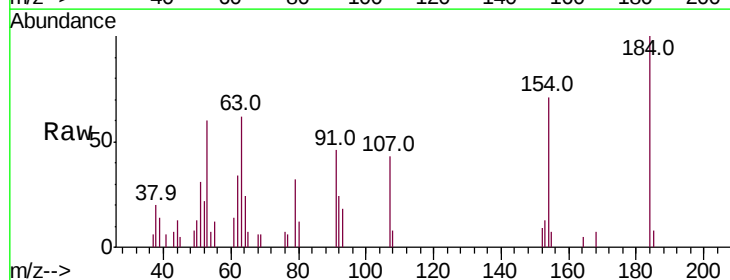
RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

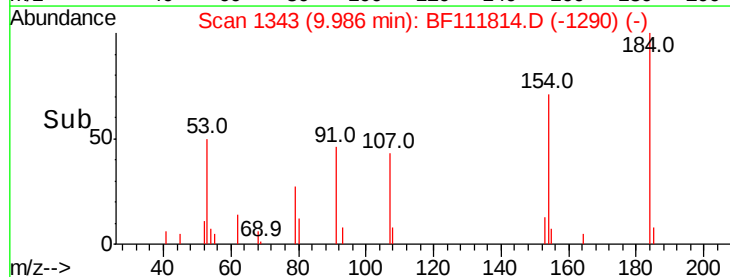
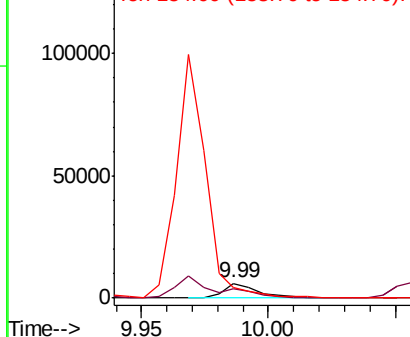
Lab File: BF111814.D

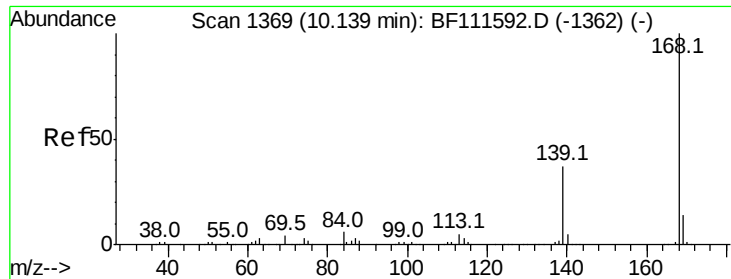
Acq: 2 Jan 2019 17:31

Tgt Ion:	184	Resp:	5907
Ion Ratio	Lower	Upper	
184	100		
63	61.8	62.3	93.5#
154	71.0	56.2	84.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





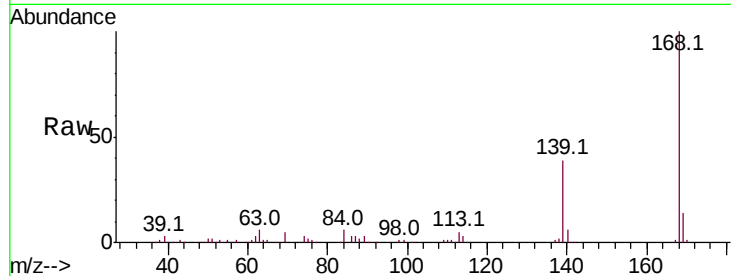
#55
Dibenzofuran
Concen: 4.710 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampled :
PB116085BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	32.6	49.0	
169	13.6	11.8	17.6	

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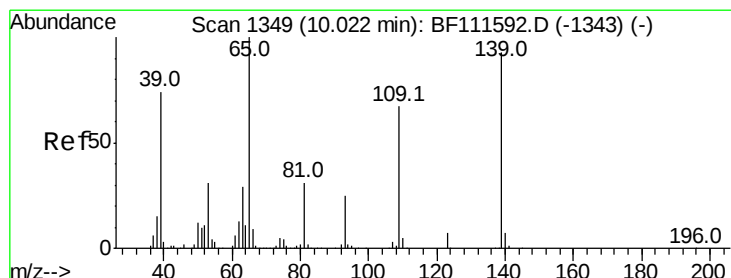
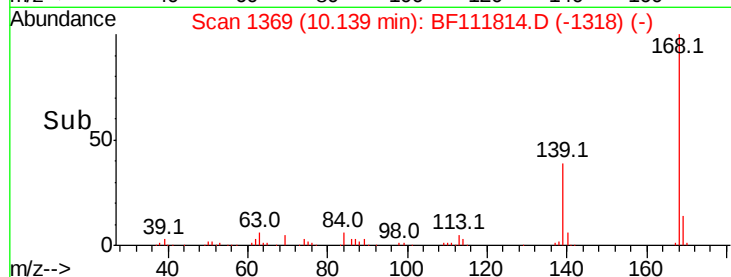
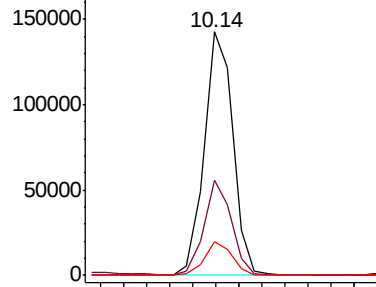


Abundance

Ion 168.00 (167.70 to 168.70): E

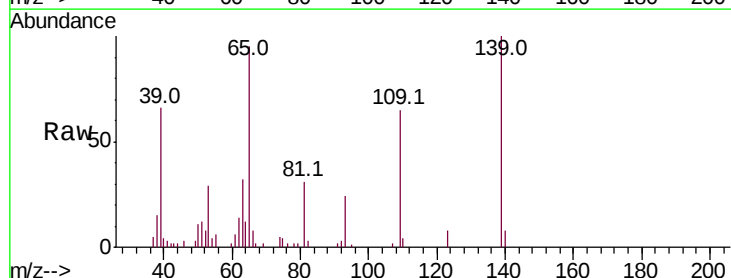
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 7.468 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.04 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.0	41.8	81.8	
65	95.0	79.6	119.6	

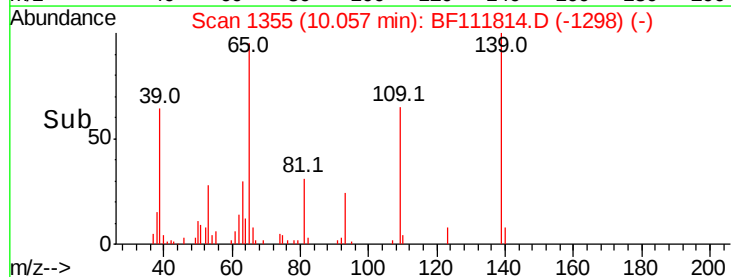
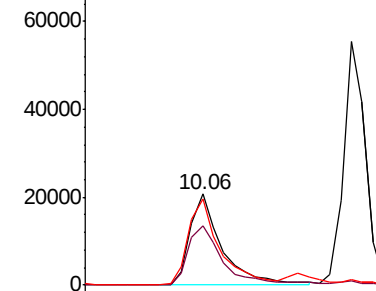


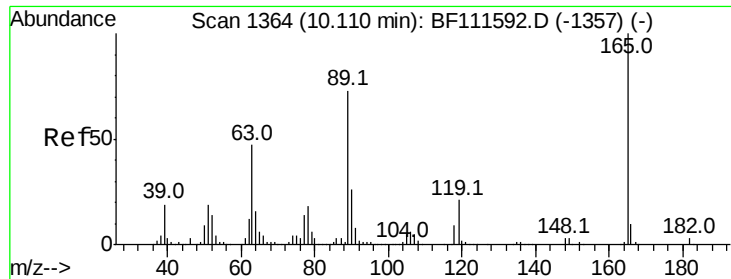
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





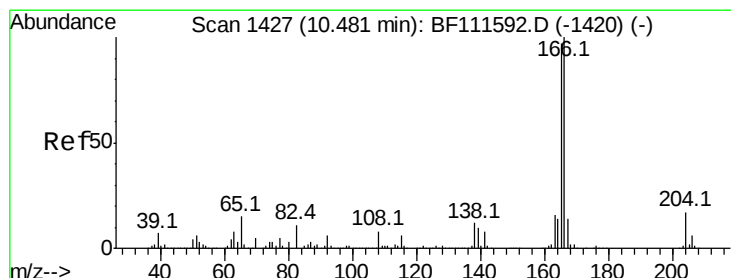
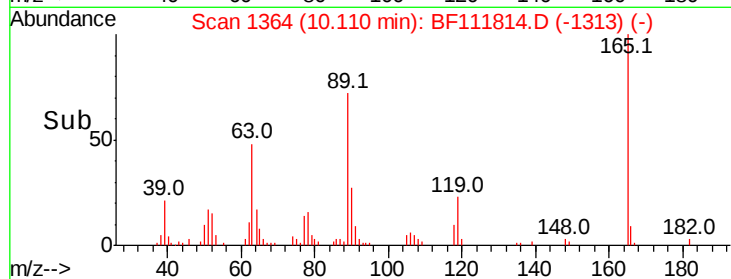
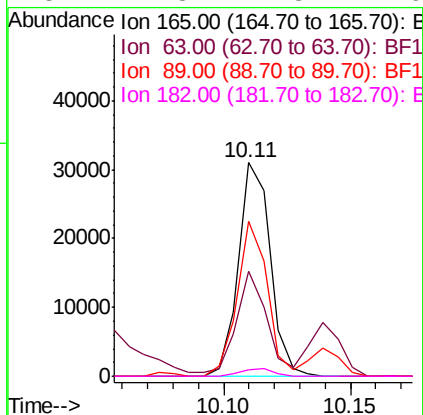
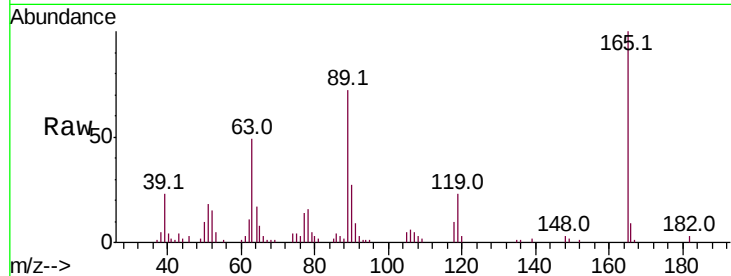
#57
2,4-Dinitrotoluene
Concen: 5.369 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.0	34.6	52.0
89	72.3	56.2	84.4
182	2.8	1.8	2.6

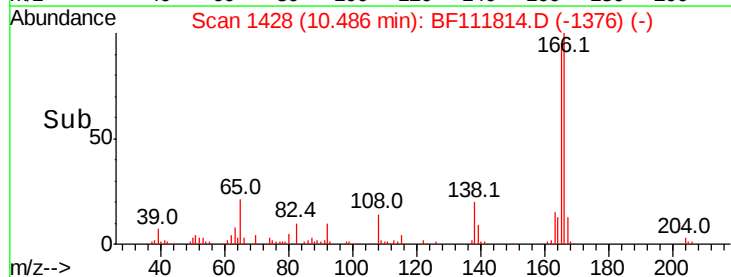
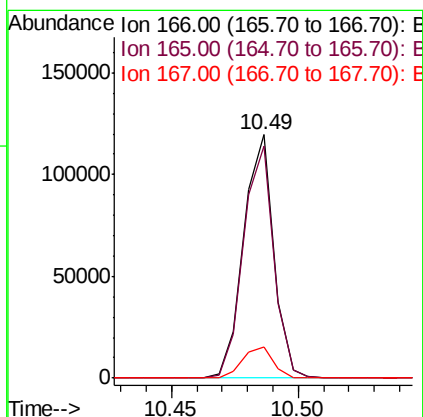
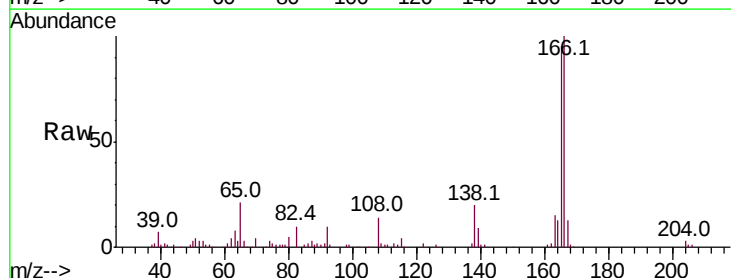
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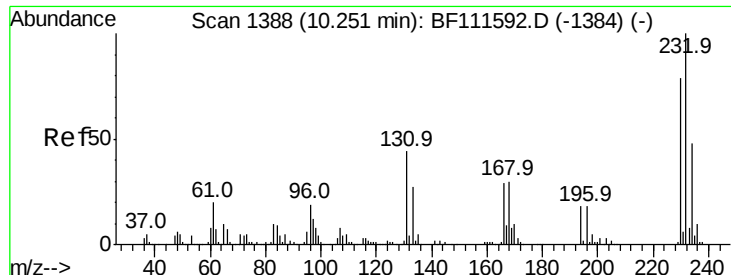
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#58
Fluorene
Concen: 5.220 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	78.4	117.6
167	12.6	11.2	16.8





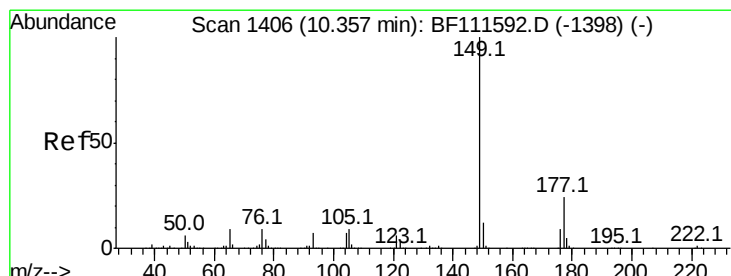
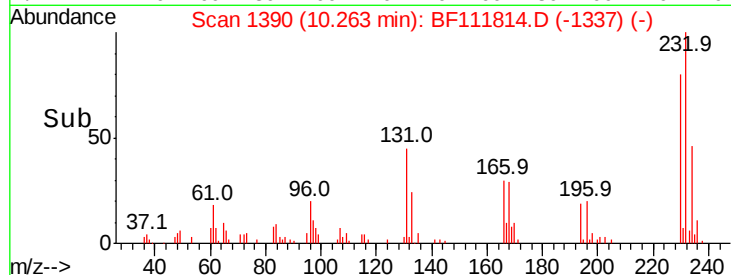
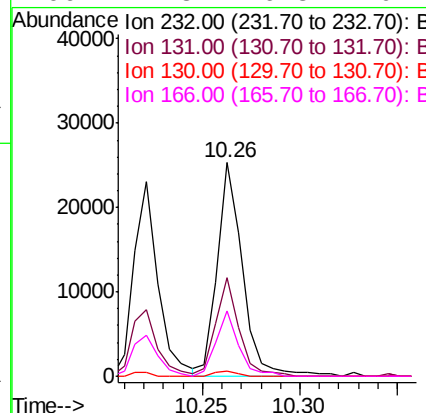
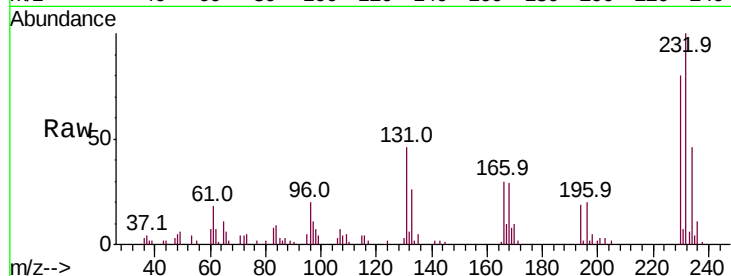
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.209 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB116085BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	22915		
131	42.6		40.9	61.3
130	2.2		2.0	3.0
166	27.3		26.8	40.2

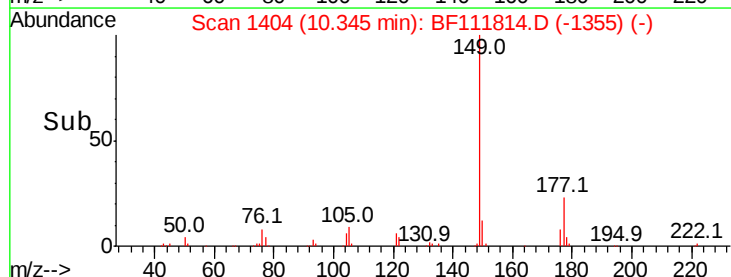
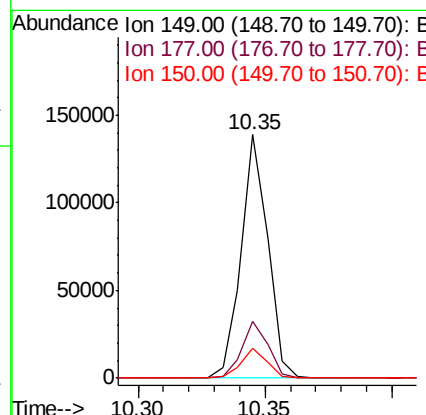
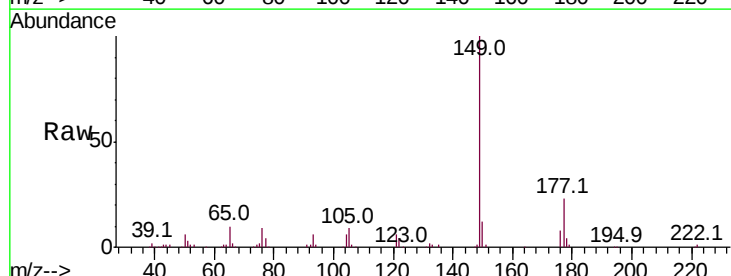
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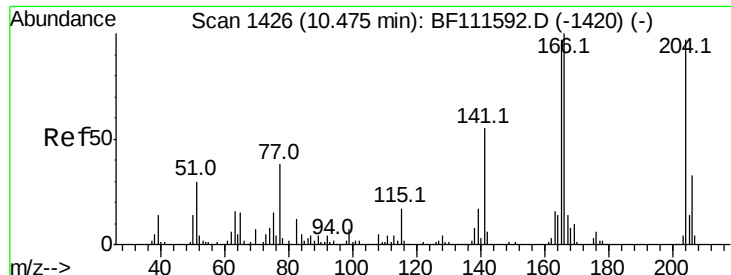
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#60
 Diethylphthalate
 Concen: 4.893 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	100882		
177	23.1		18.3	27.5
150	12.1		10.6	15.8





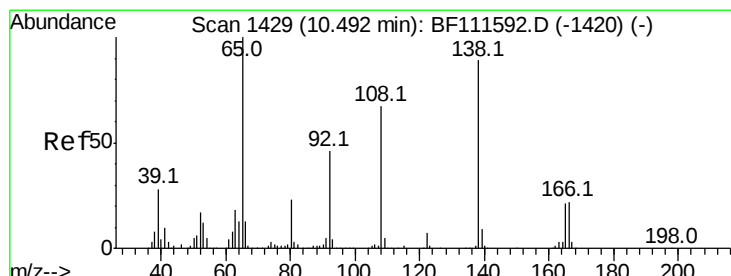
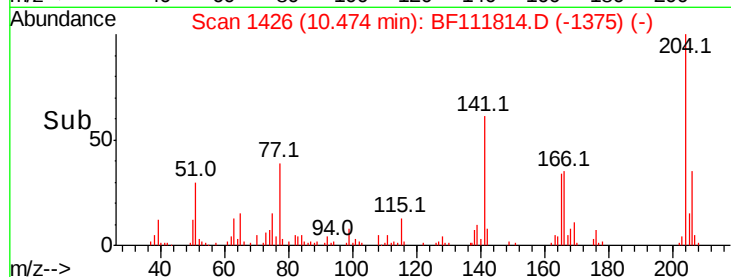
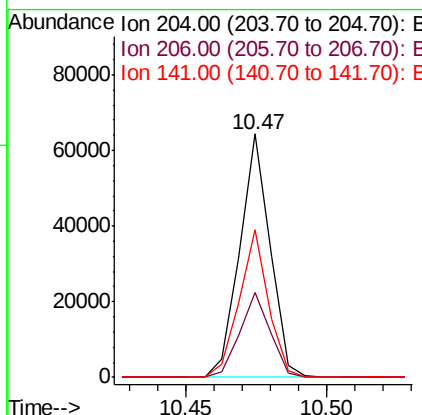
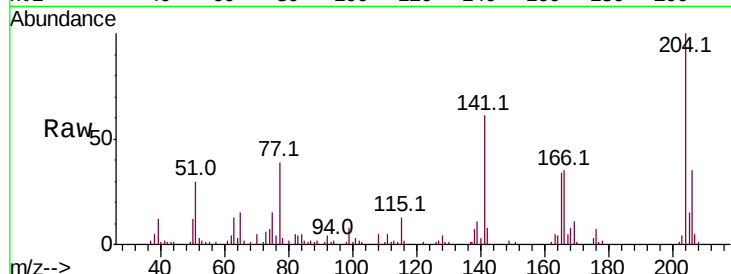
#61
 4-Chlorophenyl-phenylether
 Concen: 4.619 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB116085BS

Tot Ion:	204	Resp:	48094
Ion Ratio	Lower	Upper	
204	100		
206	34.6	26.6	39.8
141	60.5	52.6	78.8

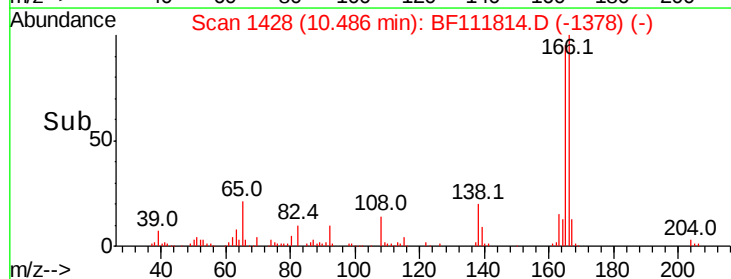
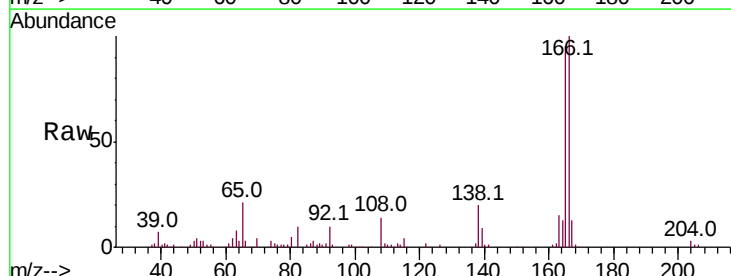
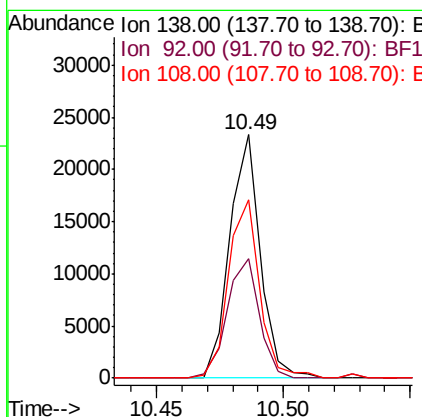
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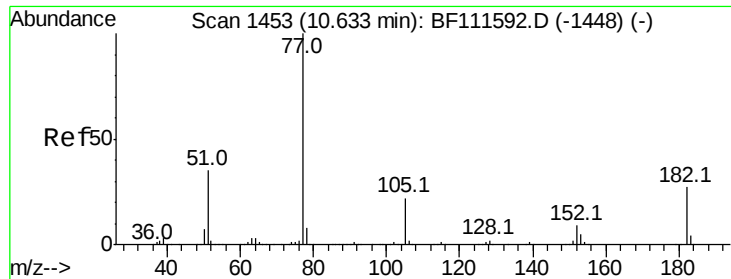
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#62
 4-Nitroaniline
 Concen: 4.485 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion:	138	Resp:	19484
Ion Ratio	Lower	Upper	
138	100		
92	49.2	29.9	69.9
108	73.2	43.2	83.2





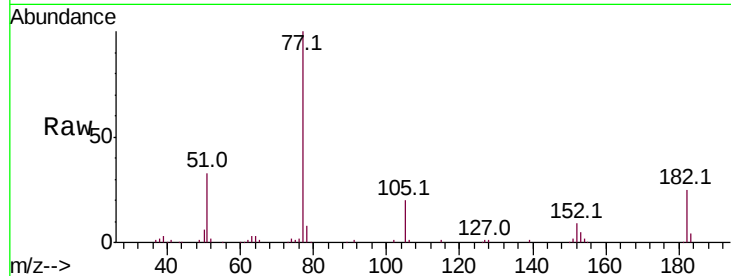
#63
Azobenzene
Concen: 4.451 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

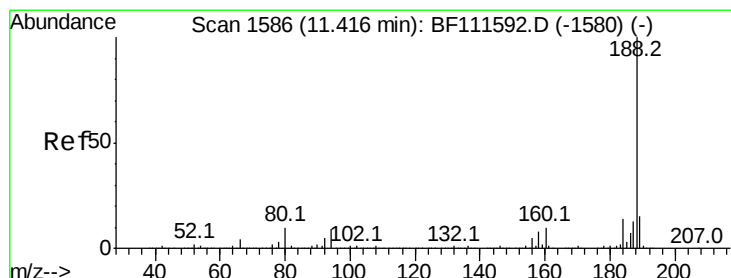
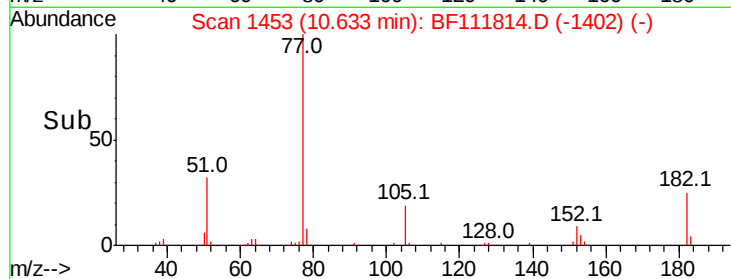
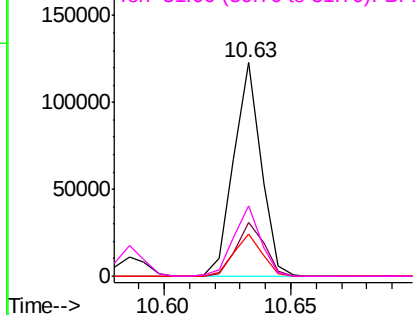
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	4.9	44.9
105	19.9	6.0	46.0
51	32.7	14.7	54.7

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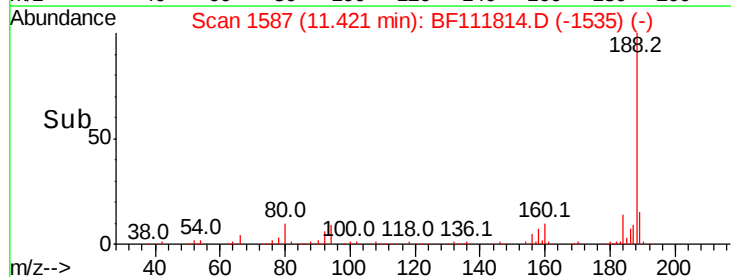
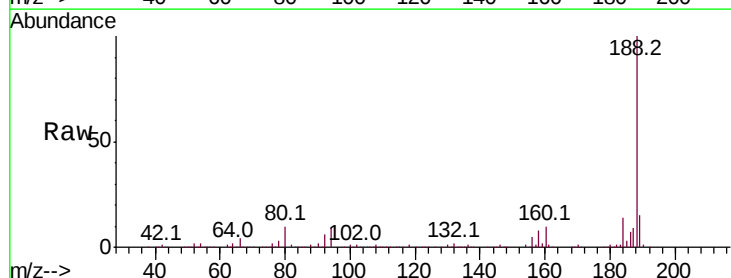
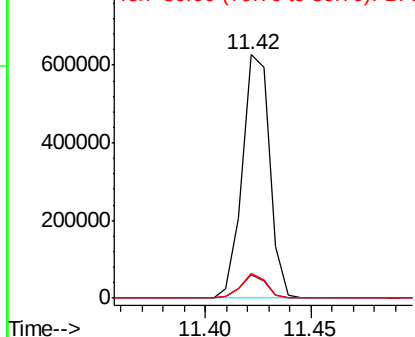
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

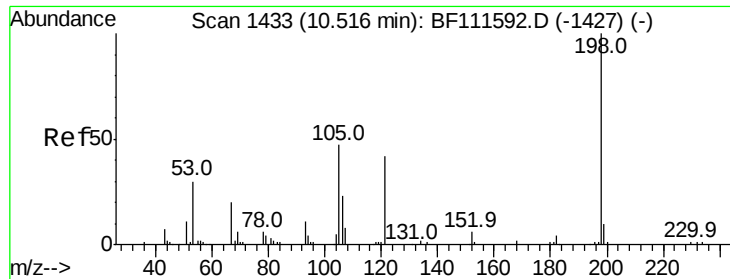


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.6	14.4#
80	10.4	9.8	14.6

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 9.167 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

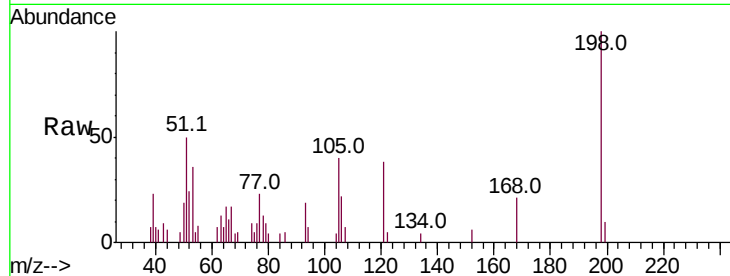
ClientSampled :

PB116085BS

Tot Ion:	198	Resp:	6707
Ion	Ratio	Lower	Upper
198	100		
51	50.2	48.0	88.0
105	39.9	34.0	74.0

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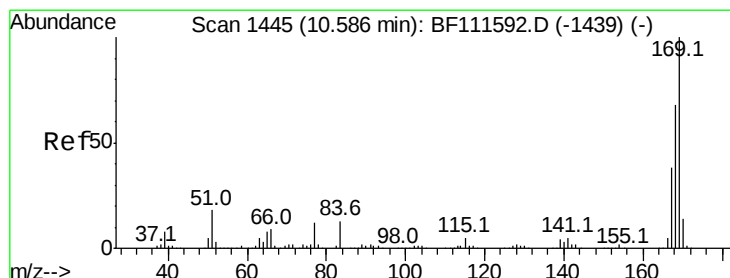
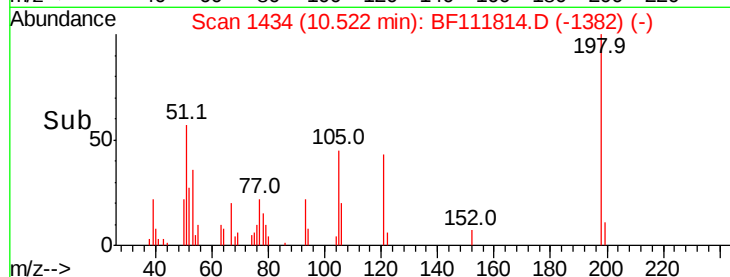
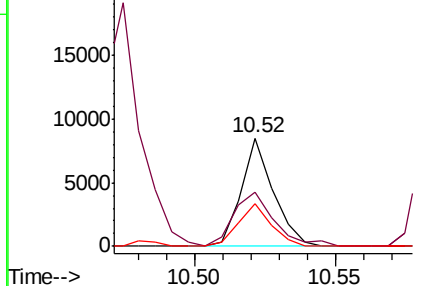
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 4.465 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF111814.D

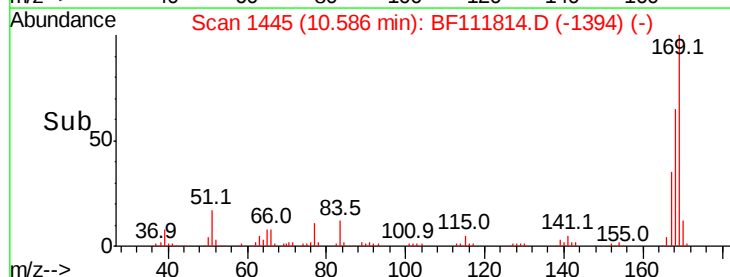
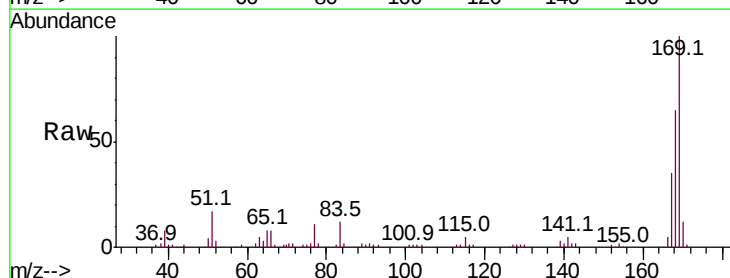
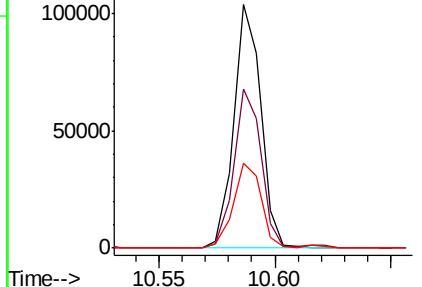
Acq: 2 Jan 2019 17:31

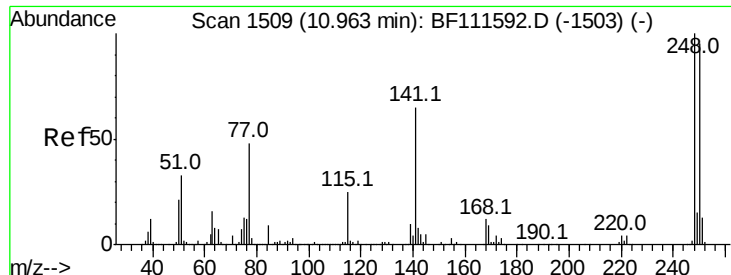
Tgt Ion:	169	Resp:	84613
Ion	Ratio	Lower	Upper
169	100		
168	65.3	54.4	81.6
167	34.9	30.5	45.7

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 4.287 ng

RT: 10.96 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

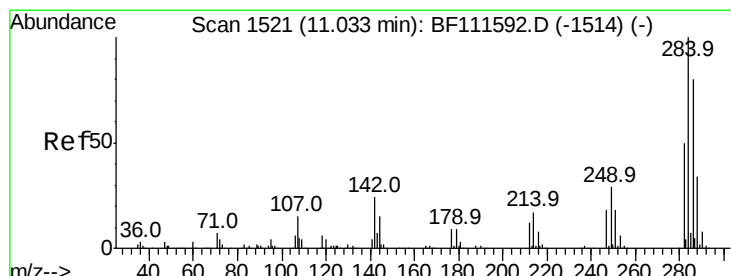
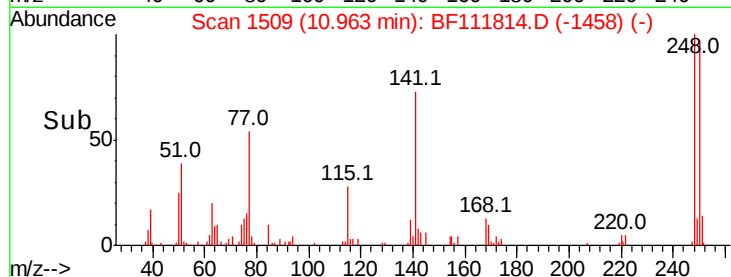
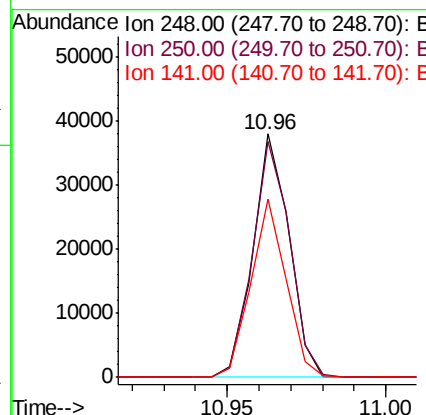
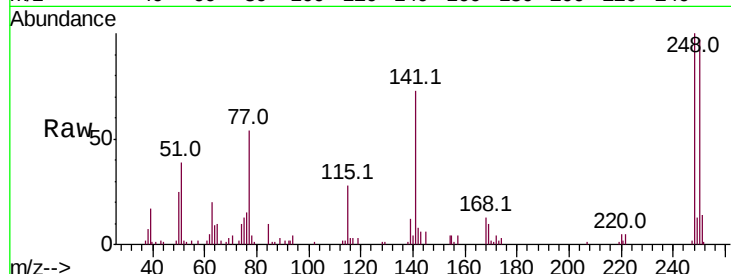
ClientSampleId :

PB116085BS

Tot Ion:	248	Resp:	30022
Ion Ratio	Lower	Upper	
248	100		
250	97.0	77.0	115.4
141	73.1	63.0	94.6

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#68

Hexachlorobenzene

Concen: 4.360 ng

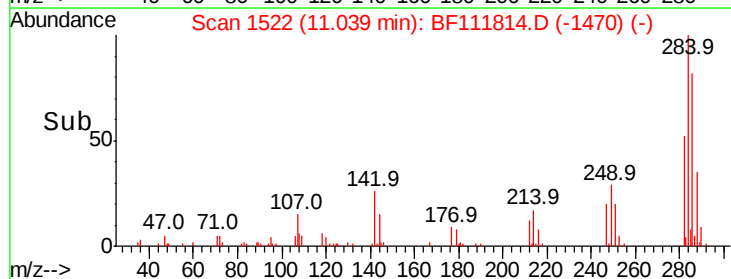
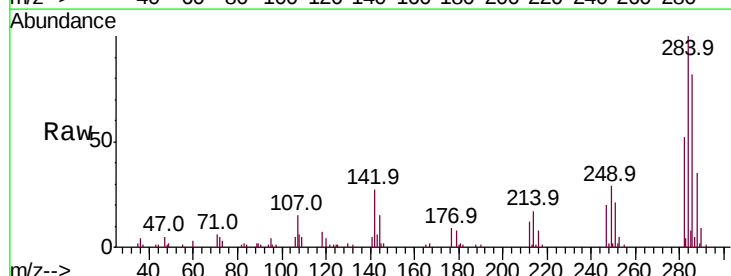
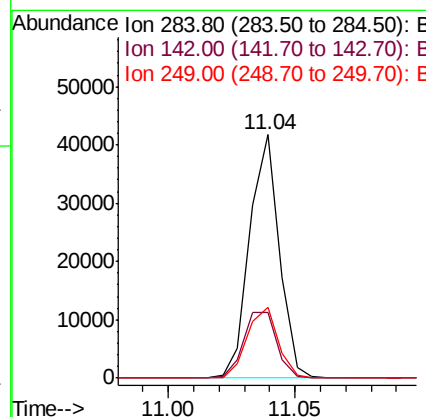
RT: 11.04 min Scan# 1522

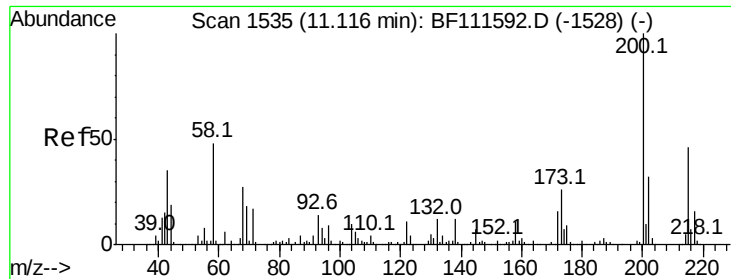
Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion:	284	Resp:	34041
Ion Ratio	Lower	Upper	
284	100		
142	26.8	27.4	41.2#
249	29.3	24.4	36.6





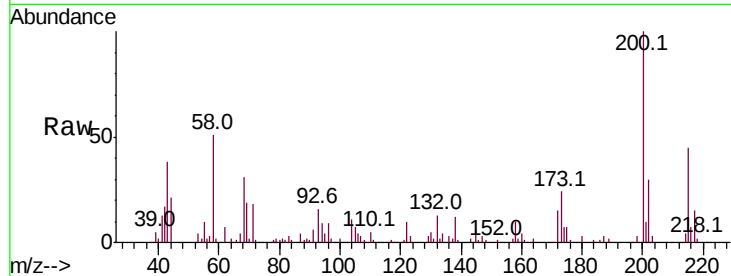
#69
Atrazine
Concen: 4.299 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	10.1	50.1
215	44.9	26.9	66.9

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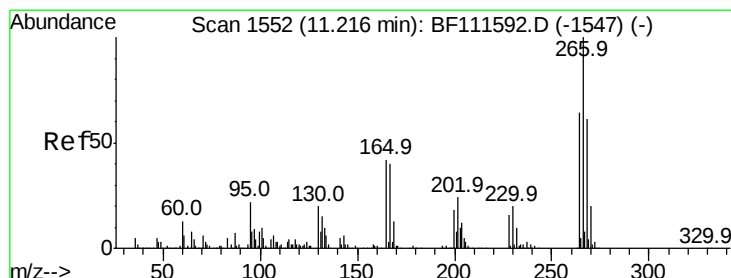
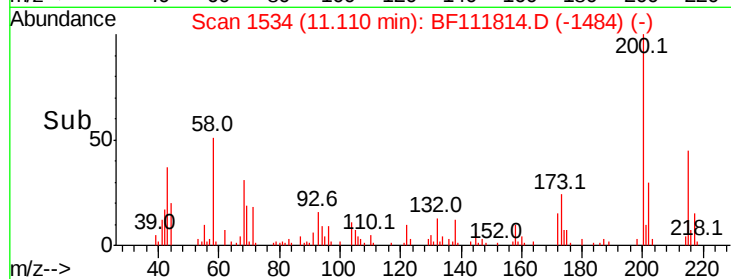
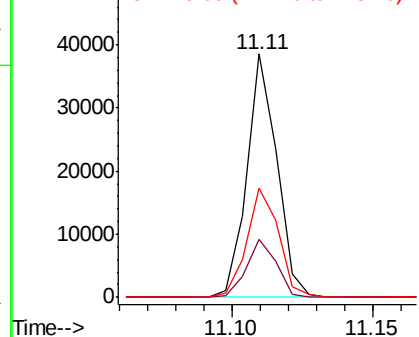


Abundance

Ion 200.00 (199.70 to 200.70): E

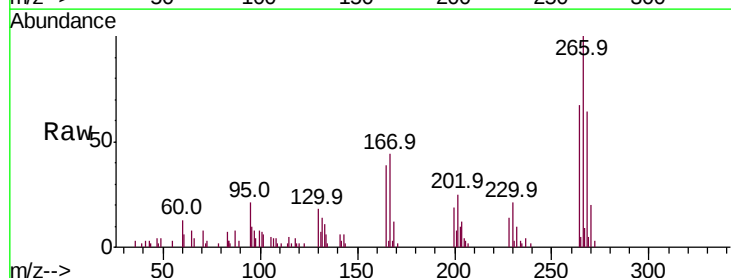
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 3.607 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	47.9	71.9
264	66.6	49.1	73.7

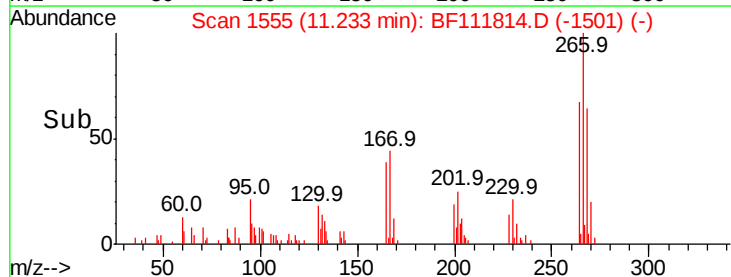
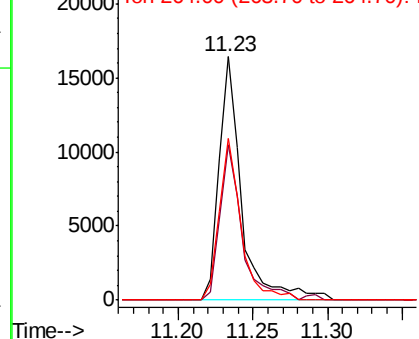


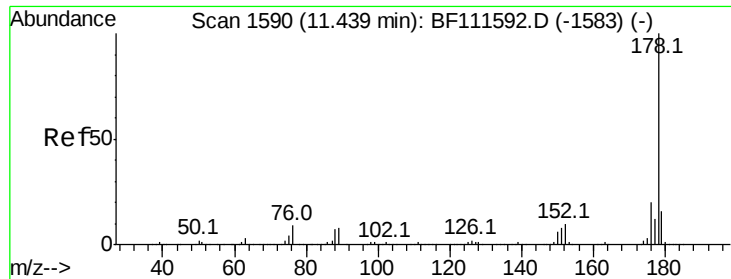
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 4.992 ng

RT: 11.44 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

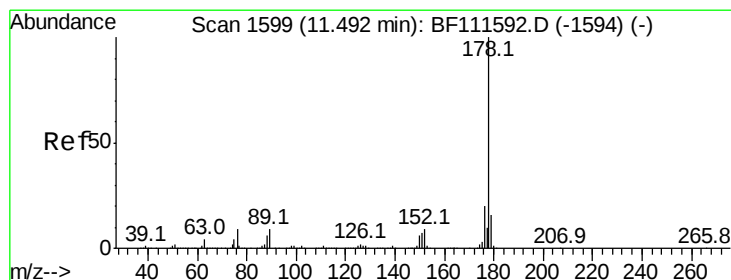
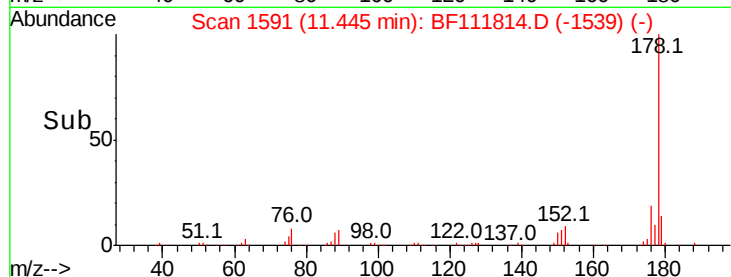
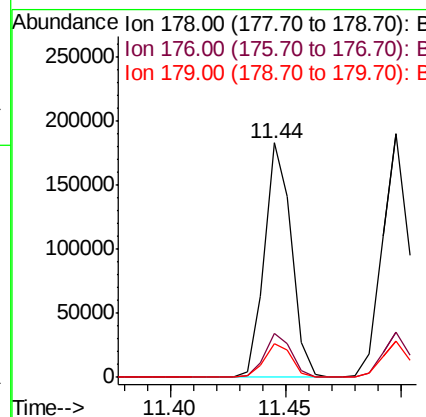
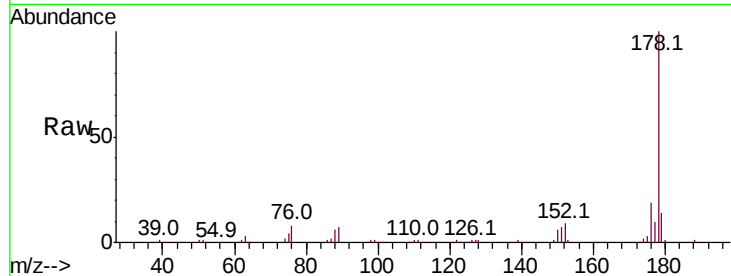
ClientSampleId :

PB116085BS

Tot Ion:178	Resp:	149457
Ion Ratio	Lower	Upper
178	100	
176	18.8	18.1 27.1
179	14.5	14.0 21.0

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#72

Anthracene

Concen: 5.058 ng

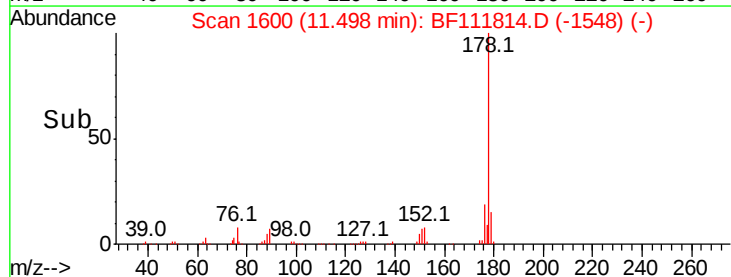
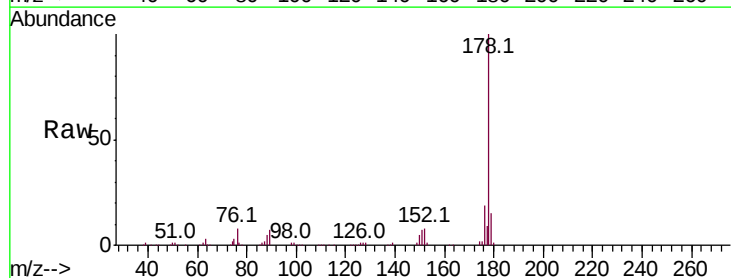
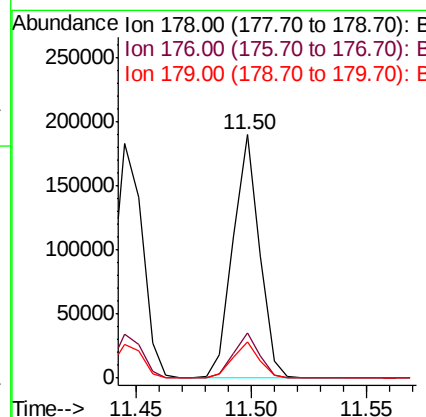
RT: 11.50 min Scan# 1600

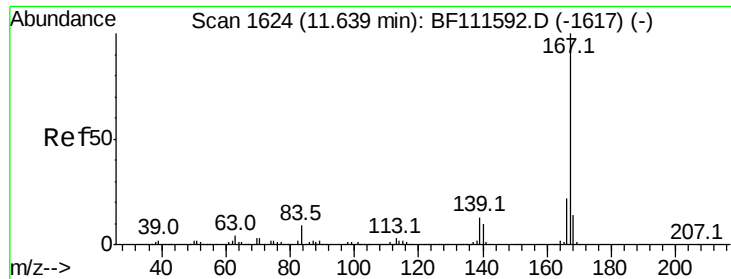
Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion:178	Resp:	152007
Ion Ratio	Lower	Upper
178	100	
176	18.7	17.2 25.8
179	14.8	13.8 20.8





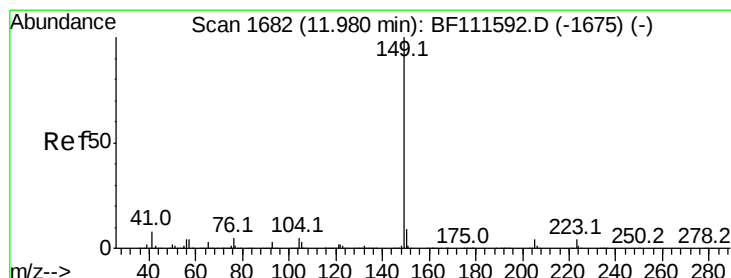
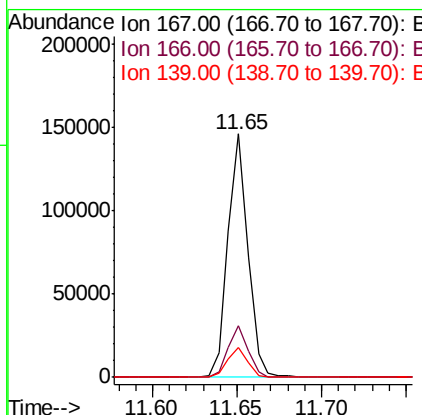
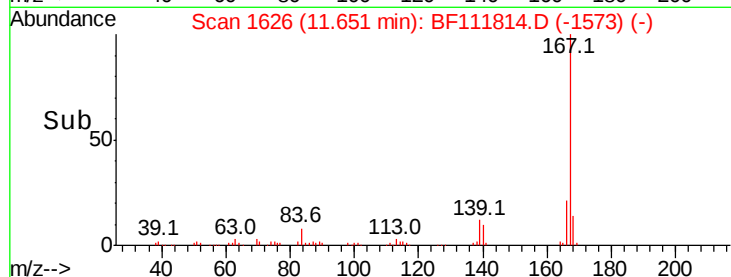
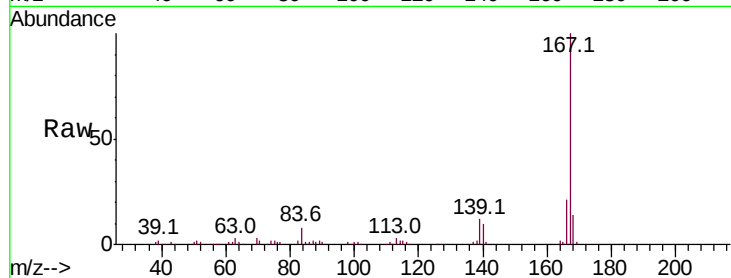
#73
 Carbazole
 Concen: 4.134 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB116085BS

Tot Ion:	167	Resp:	120614
Ion Ratio	Lower	Upper	
167	100		
166	21.2	19.3	28.9
139	12.2	11.9	17.9

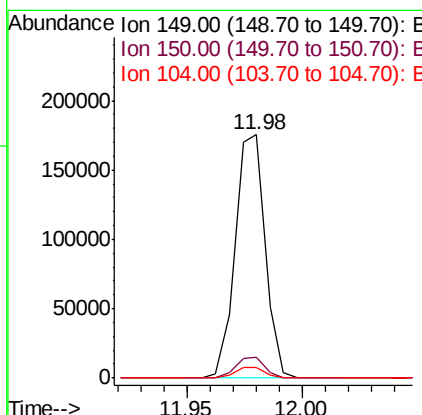
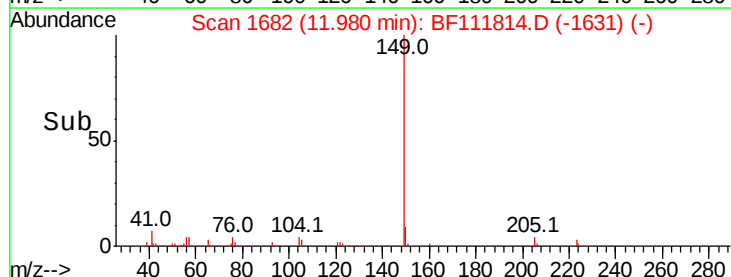
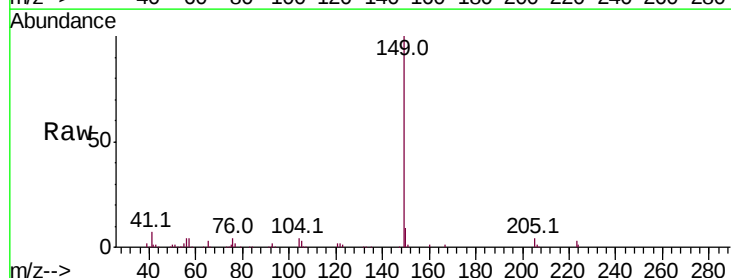
Manual Integrations
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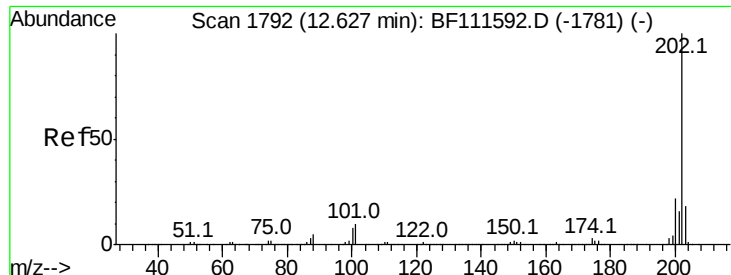
Sohil
 1/3/2019 10:59:37 AM



#74
 Di-n-butylphthalate
 Concen: 4.865 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion:	149	Resp:	159159
Ion Ratio	Lower	Upper	
149	100		
150	8.5	8.8	13.2#
104	4.2	4.5	6.7#





#75

Fluoranthene

Concen: 4.806 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

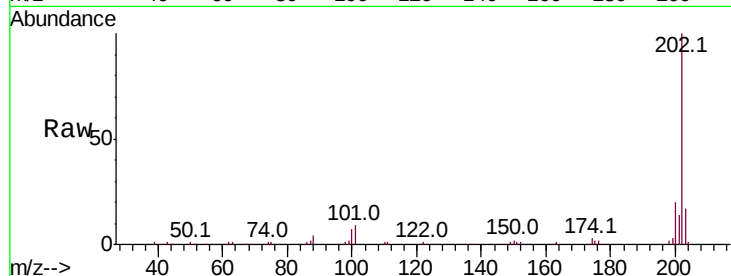
ClientSampleId :

PB116085BS

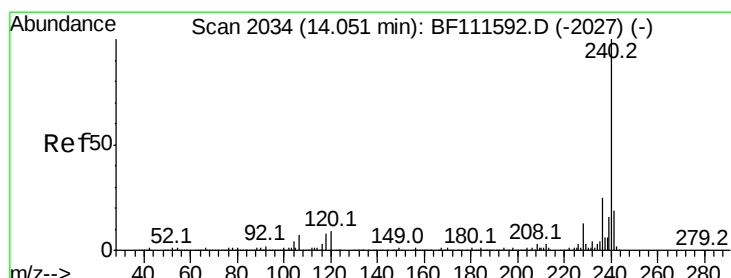
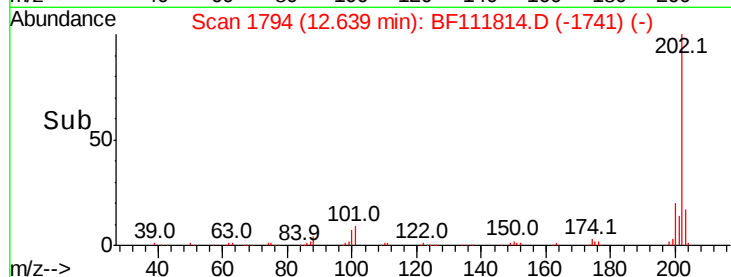
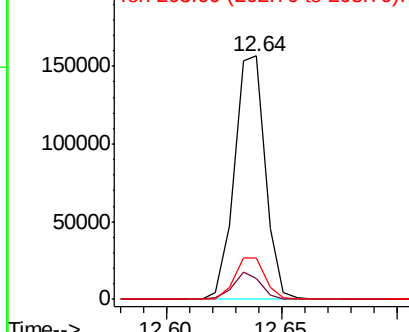
Tot Ion	Ratio	Resp	Lower	Upper
202	100	145716		
101	8.7	0.0	33.8	
203	17.0	0.0	38.6	

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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

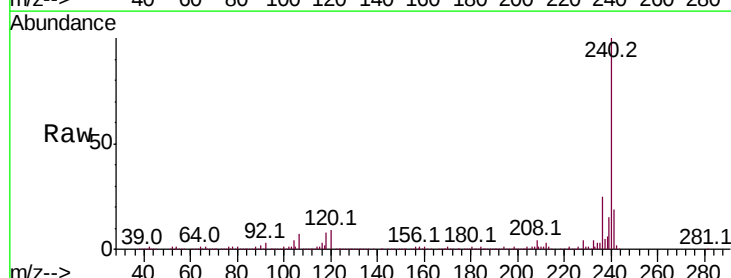
RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

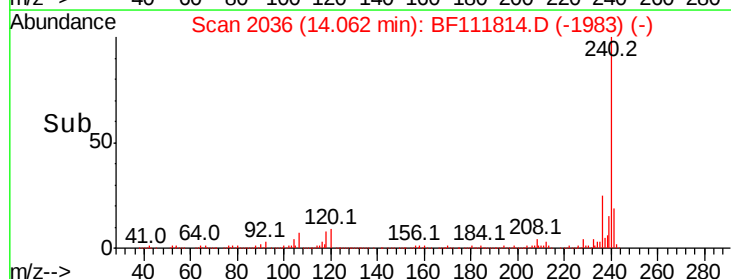
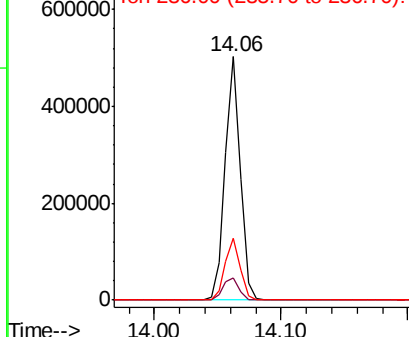
Lab File: BF111814.D

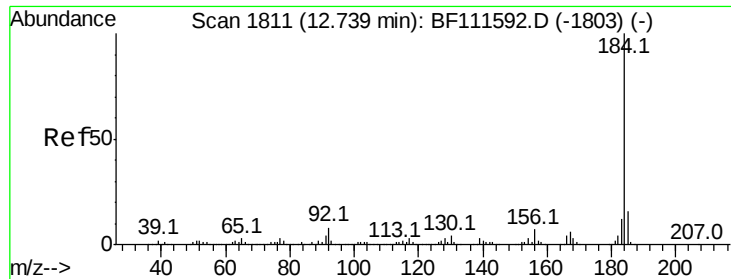
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	417991		
120	9.2	12.2	18.2#	
236	25.2	20.2	30.2	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





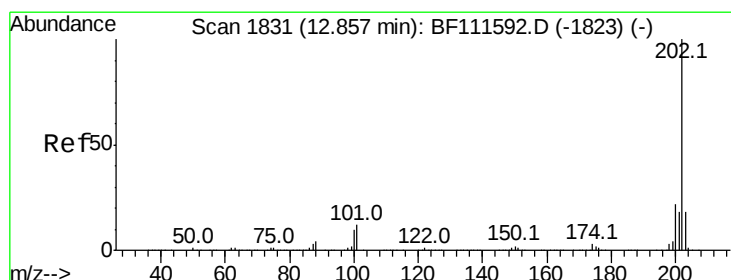
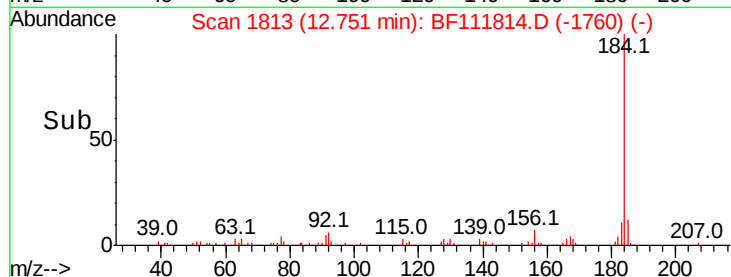
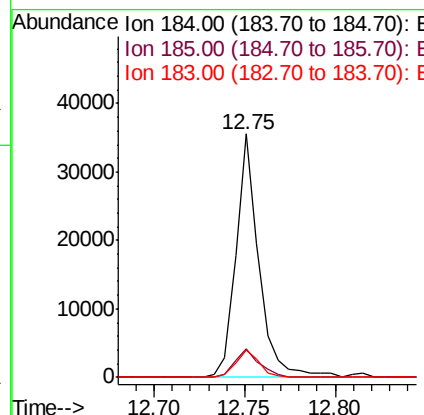
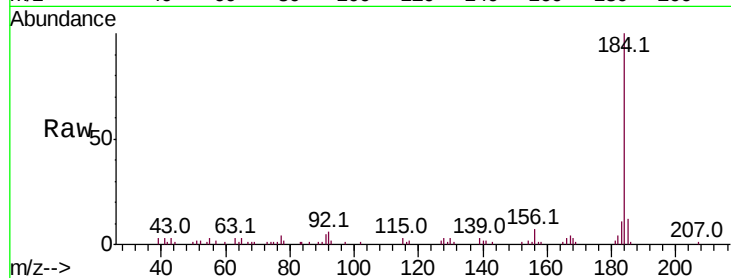
#77
Benzidine
Concen: 1.990 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	12.0	13.0	19.6#
183	11.4	9.3	13.9

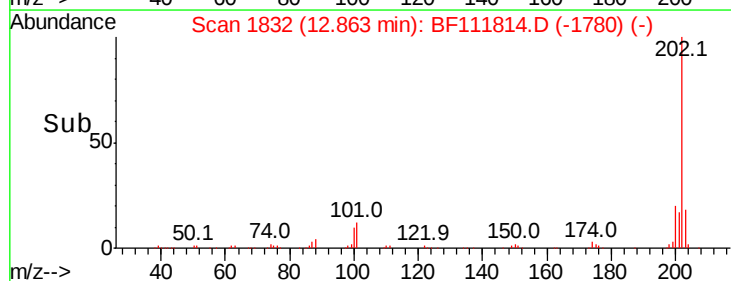
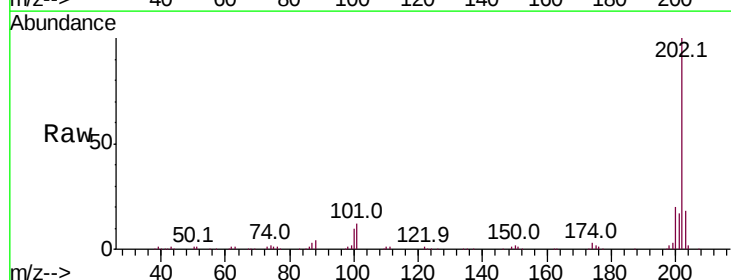
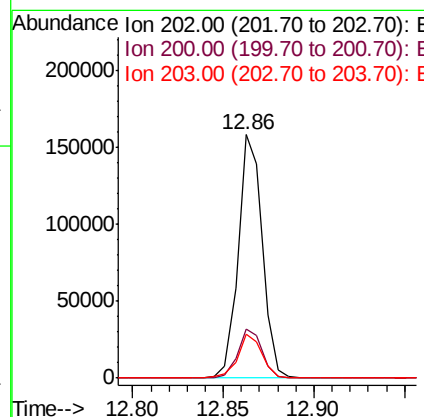
Manual Integrations
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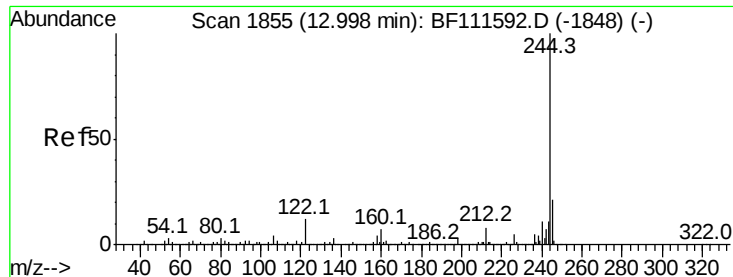
Sohil
1/3/2019 10:59:37 AM



#78
Pyrene
Concen: 4.935 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	19.0	28.4
203	18.0	15.2	22.8





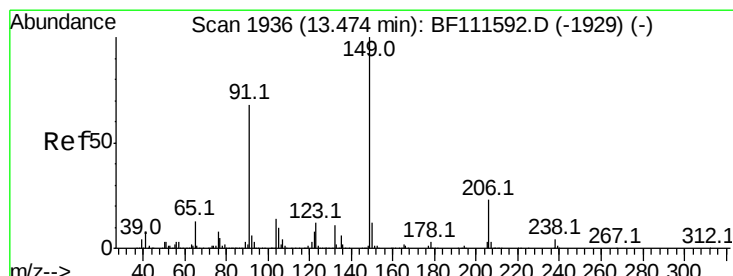
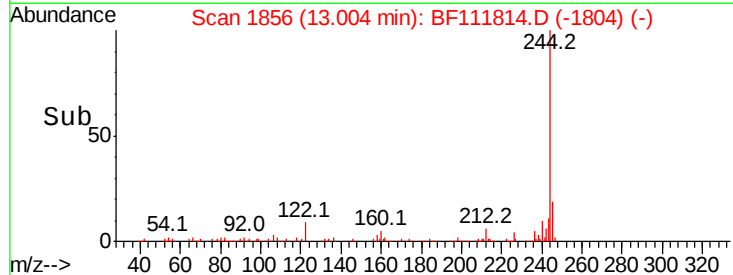
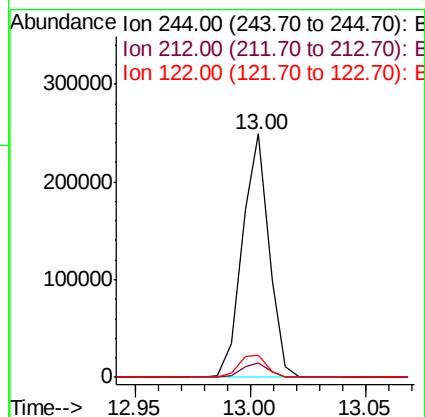
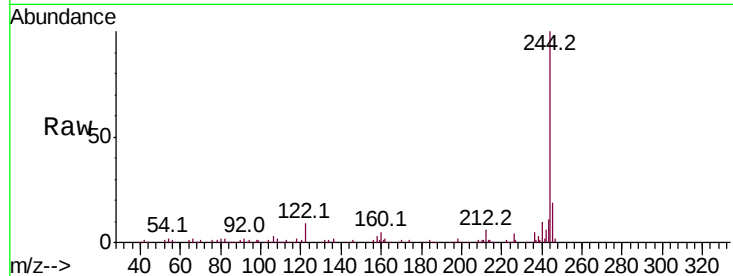
#79
 Terphenyl-d14
 Concen: 9.096 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB116085BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.7	8.5
122	9.2	13.1	19.7

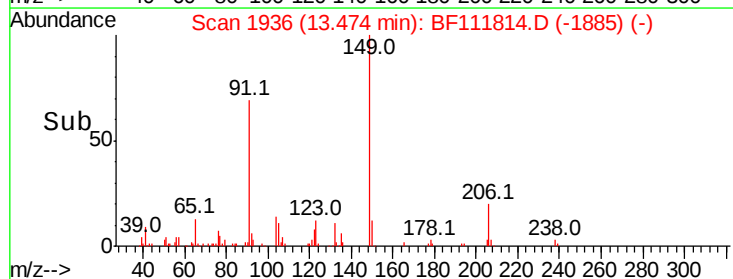
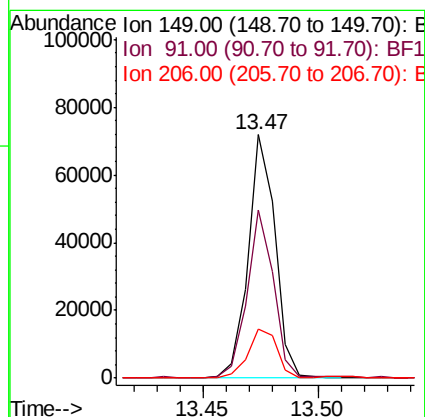
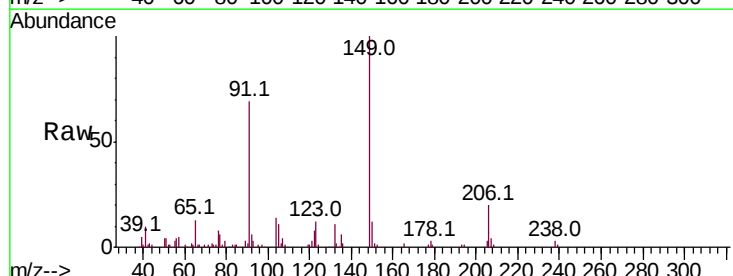
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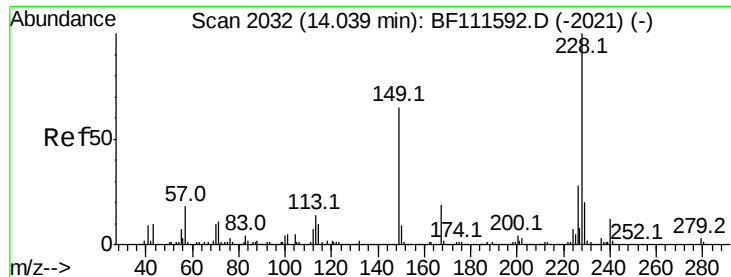
Sohil
 1/3/2019 10:59:37 AM



#80
 Butylbenzylphthalate
 Concen: 4.881 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	63.8	95.6
206	20.1	15.1	22.7





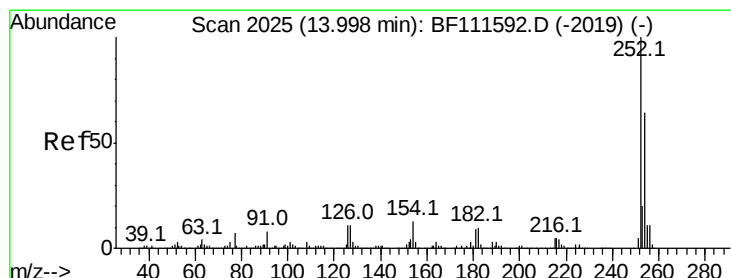
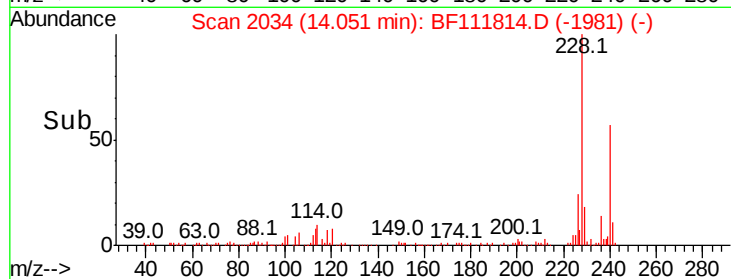
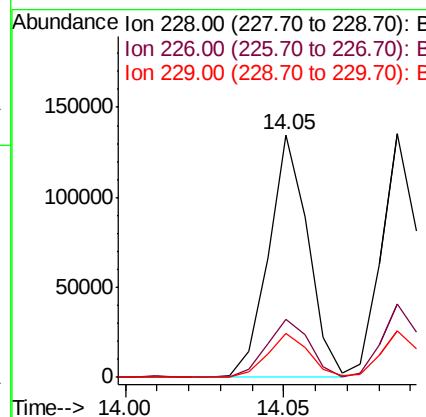
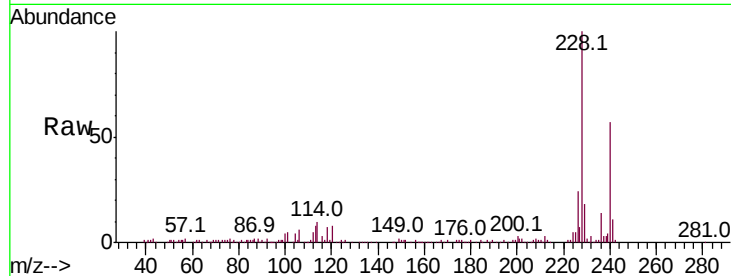
#81
Benzo(a)anthracene
Concen: 4.895 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	23.7	22.6	34.0
229	18.2	16.3	24.5

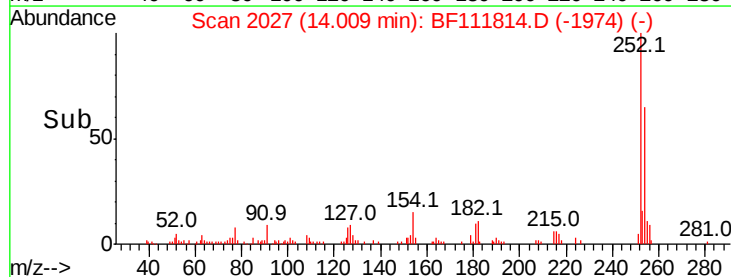
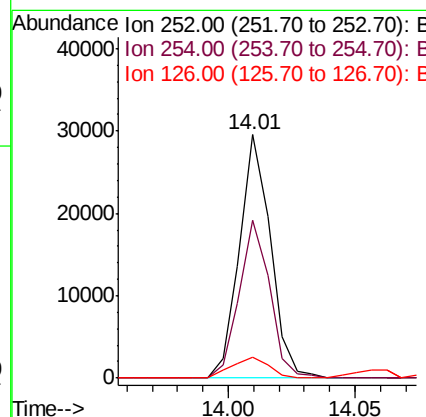
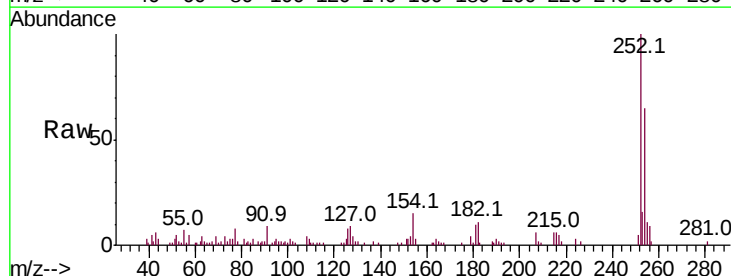
Manual Integrations
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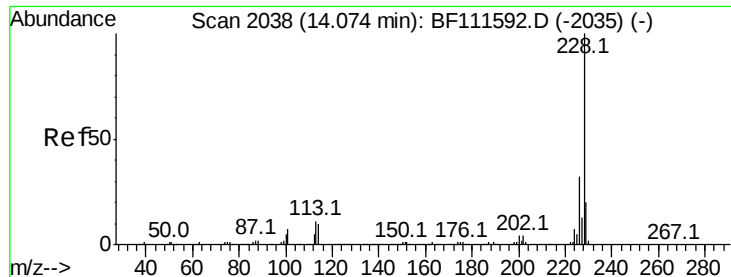
Sohil
1/3/2019 10:59:37 AM



#82
3,3'-Dichlorobenzidine
Concen: 2.673 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.7	79.1
126	8.4	11.1	16.7#





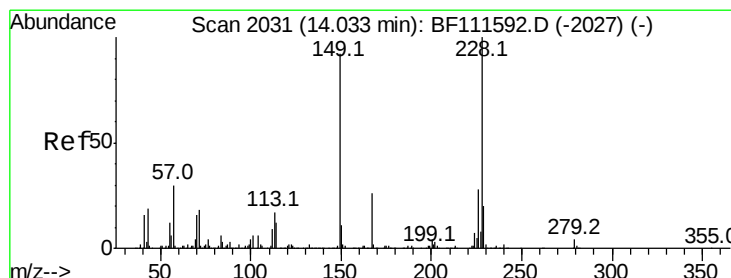
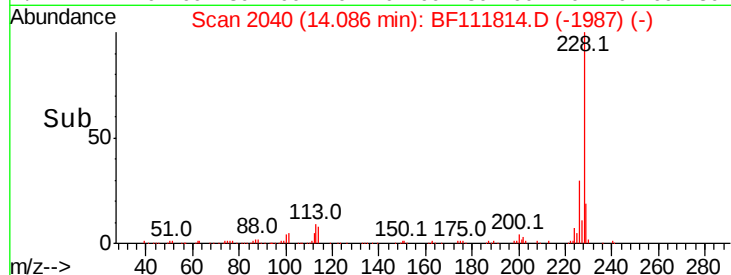
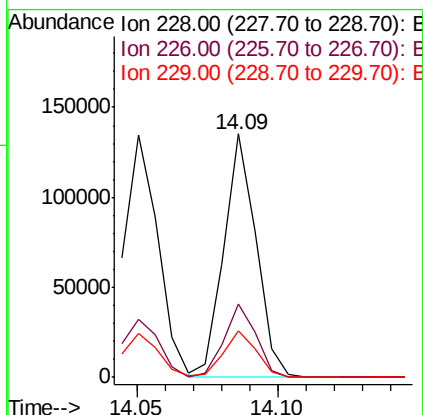
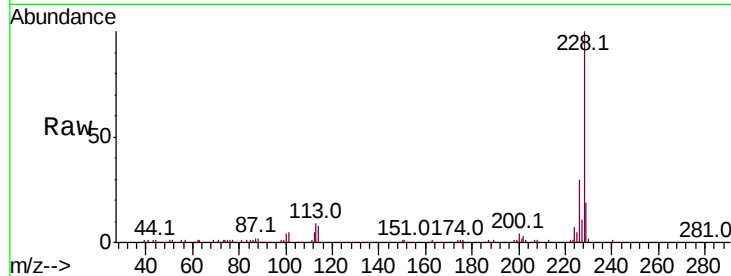
#83
Chrysene
Concen: 4.581 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.3	37.9
229	19.0	17.2	25.8

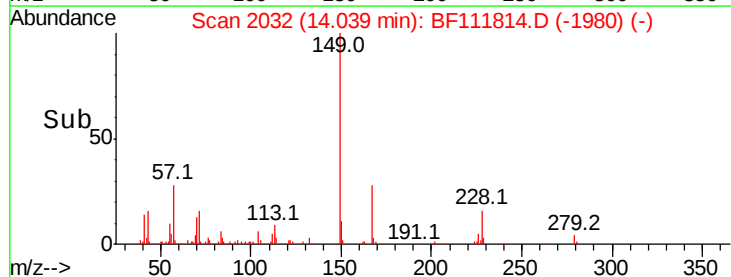
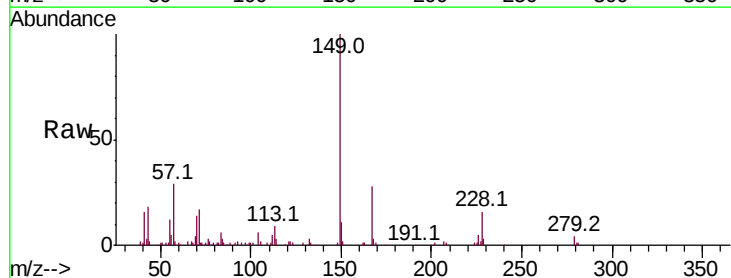
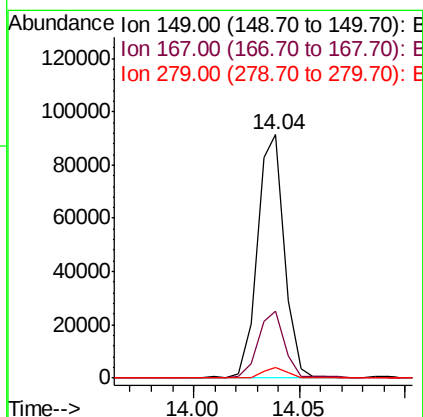
Manual Integrations
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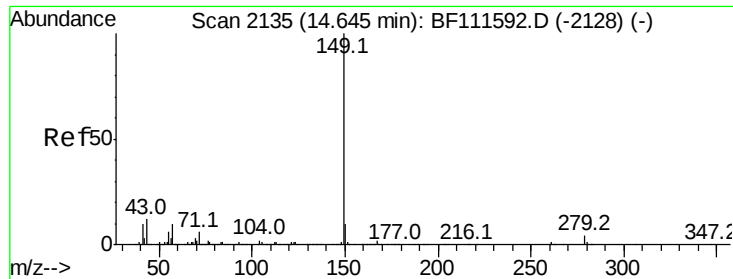
Sohil
1/3/2019 10:59:37 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.363 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.5	33.7
279	4.4	2.6	4.0





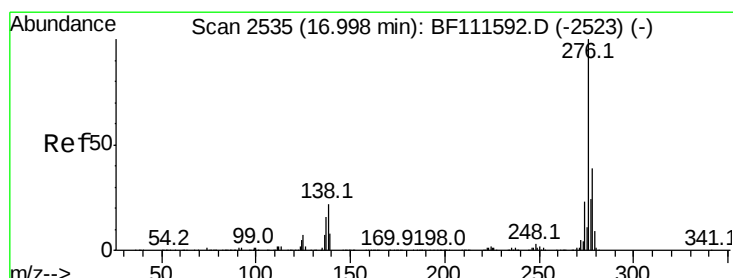
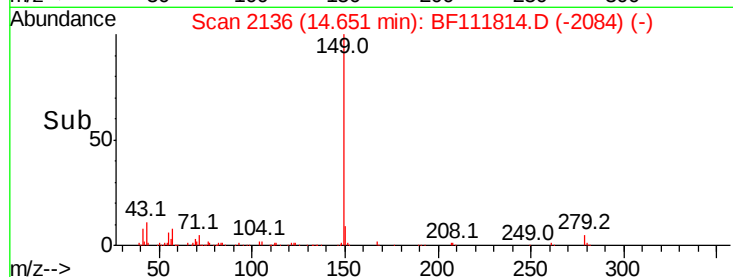
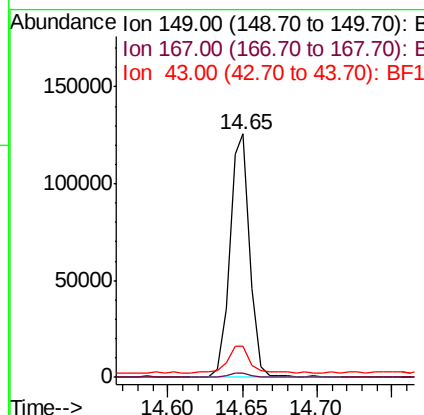
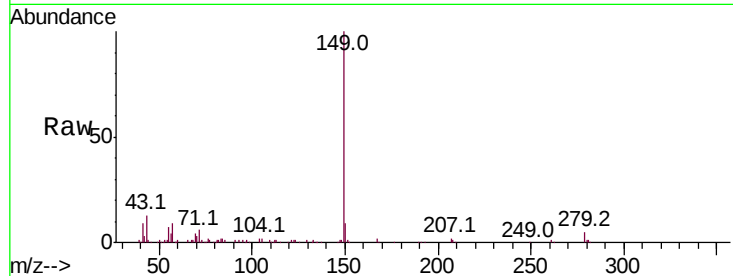
#85
Di-n-octyl phthalate
Concen: 5.080 ng
RT: 14.65 min Scan# 2136
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	119290		
167	2.4	1.3	1.9#	
43	13.0	10.9	16.3	

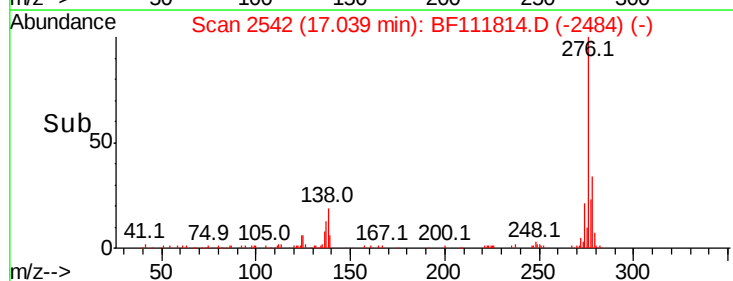
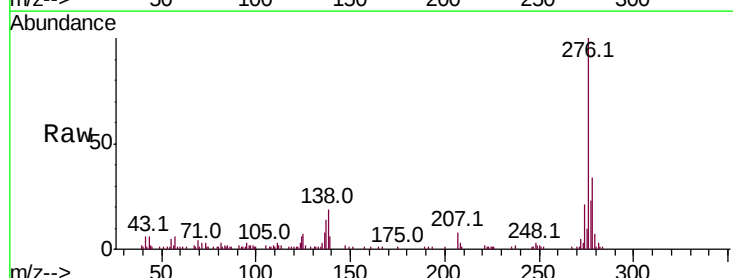
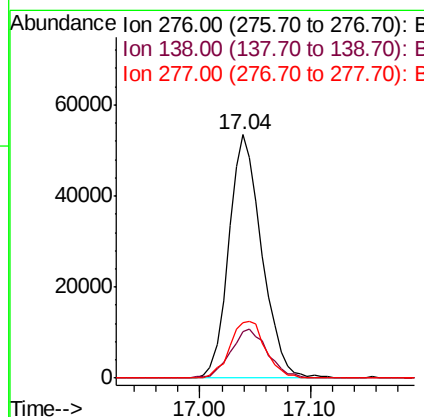
Manual Integrations
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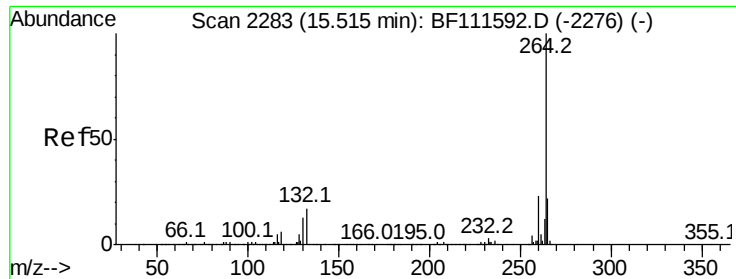
Sohil
1/3/2019 10:59:37 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 5.604 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.04 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	111698		
138	22.5	27.8	41.6#	
277	25.1	20.1	30.1	





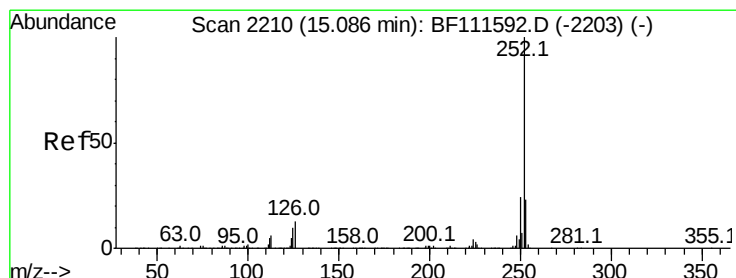
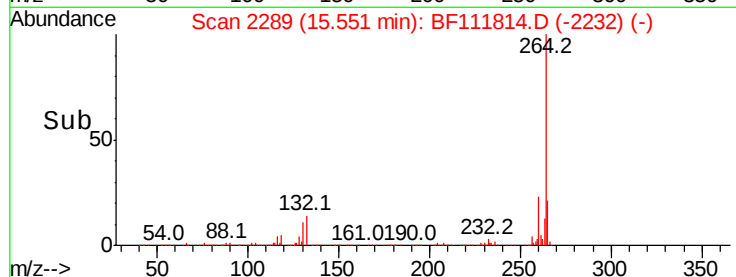
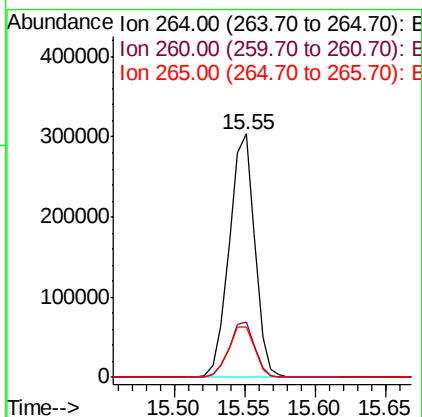
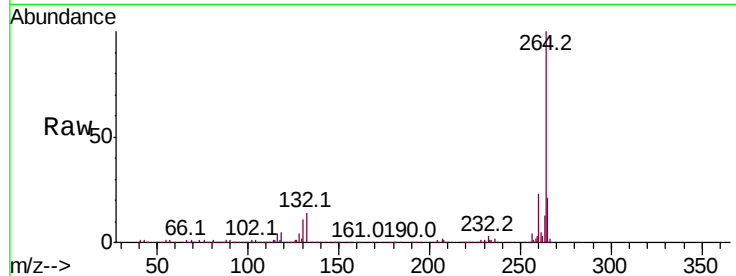
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.6	17.7	26.5

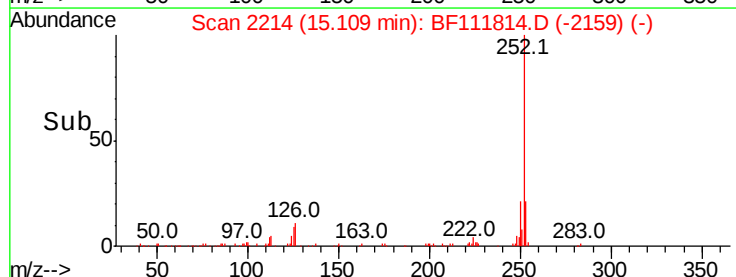
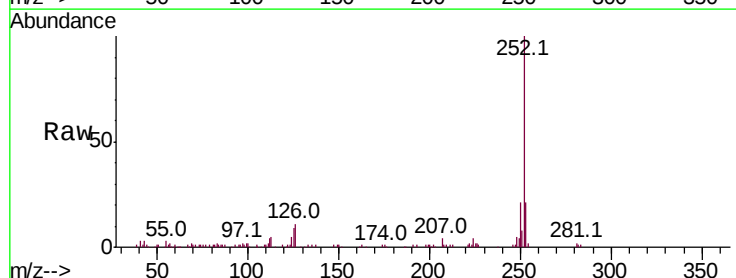
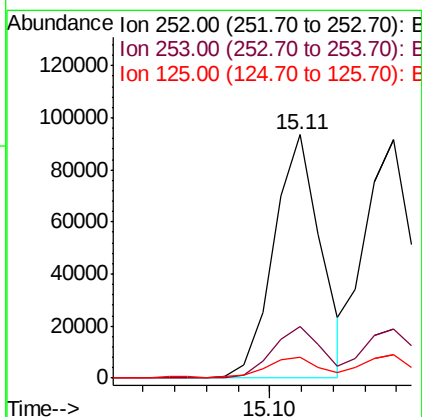
Manual Integrations
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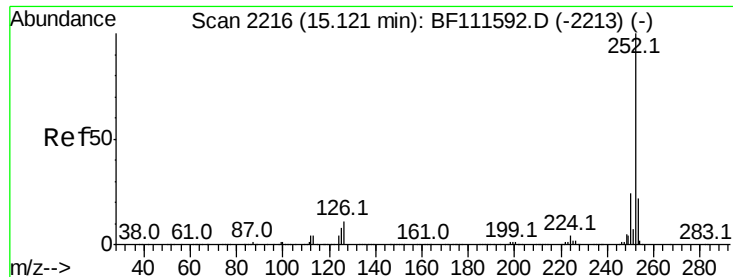
Sohil
1/3/2019 10:59:37 AM



#88
Benzo(b)fluoranthene
Concen: 4.312 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.2
125	8.6	10.4	15.6#





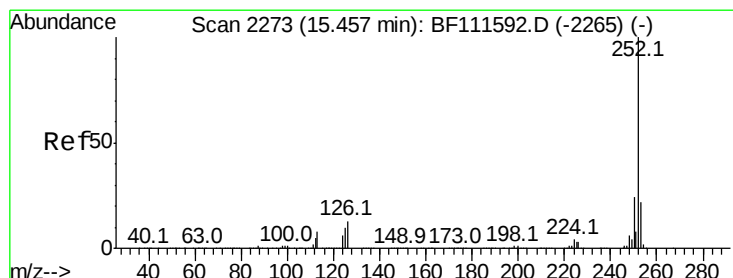
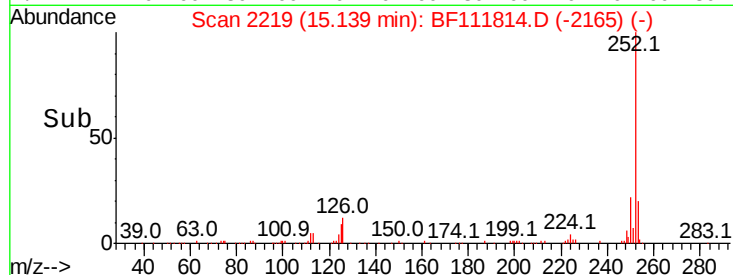
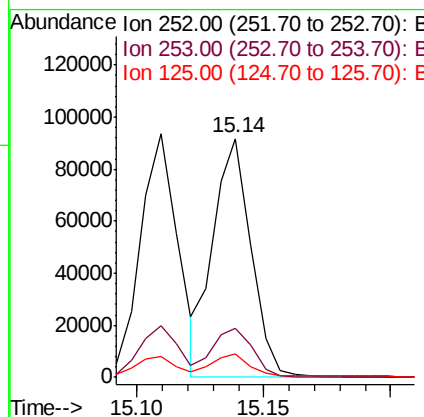
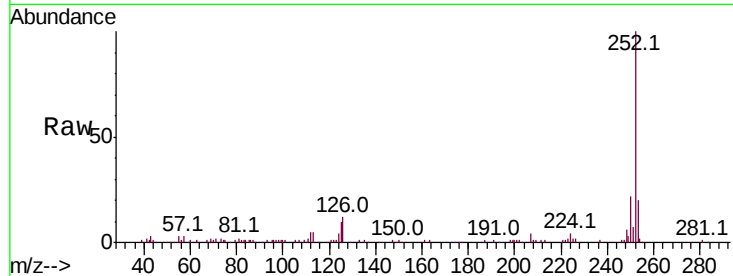
#89
Benzo(k)fluoranthene
Concen: 4.510 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.1	27.1
125	9.9	9.8	14.8

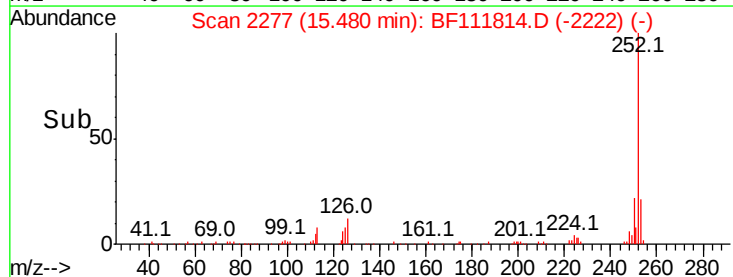
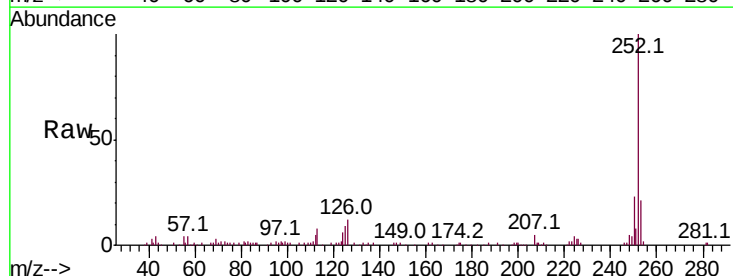
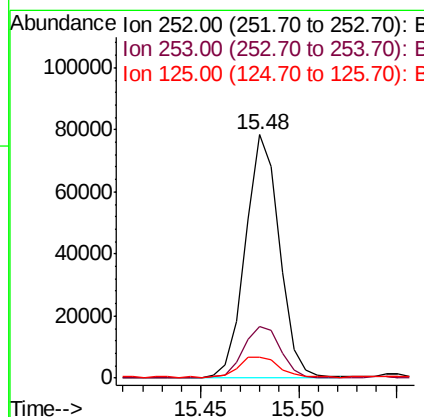
Manual Integrations
APPROVED

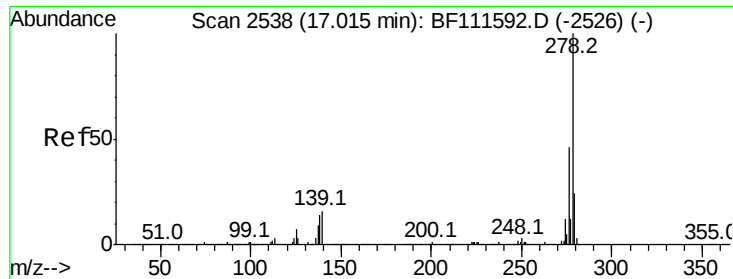
Sohil
1/3/2019 10:59:37 AM



#90
Benzo(a)pyrene
Concen: 4.679 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.8
125	8.6	12.3	18.5





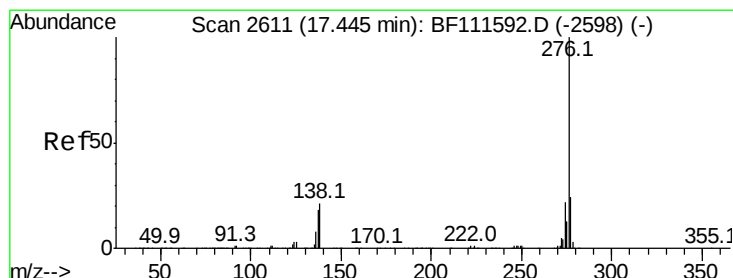
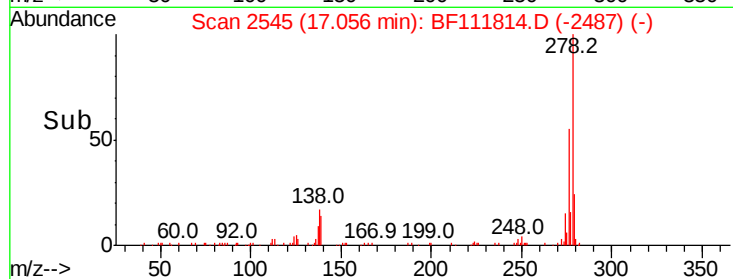
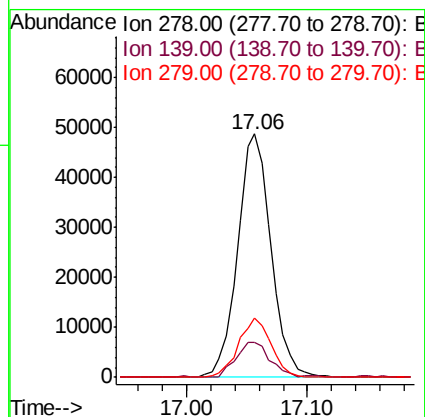
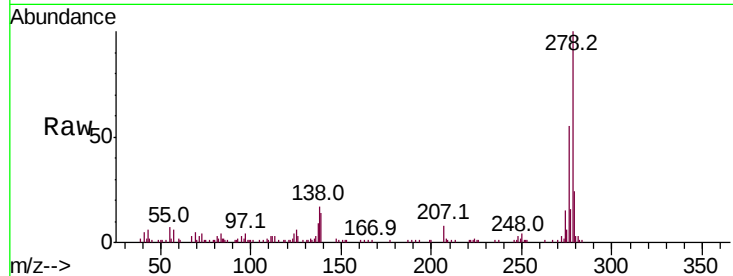
#91
Dibenzo(a,h)anthracene
Concen: 5.280 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.04 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :
PB116085BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	18.2	27.4#
279	24.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/3/2019 10:59:37 AM



#92
Benzo(g,h,i)perylene
Concen: 5.323 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.05 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	16.5	24.9	37.3#

