

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107264.D
 Acq On : 10 Jul 2018 11:27
 Operator : JU/SJ
 Sample : PB110879BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Manual Integrations
 APPROVED

Sohil
 7/11/2018 11:22:22 AM

Quant Time: Jul 10 14:07:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	32654	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	124807	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	63445	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	119645	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	81875	20.00	ng	-0.03
86) Perylene-d12	15.67	264	86582	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	235641	122.19	ng	-0.01
7) Phenol-d6	6.59	99	287644	119.44	ng	-0.02
23) Nitrobenzene-d5	7.51	82	186295	82.95	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	88538	120.40	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	362238	99.08	ng	-0.03
78) Terphenyl-d14	13.06	244	365938	108.26	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	33541	33.831	ng	98
3) Pyridine	3.63	79	94531	35.158	ng	96
4) n-Nitrosodimethylamine	3.59	42	38716	33.902	ng	90
6) Aniline	6.61	93	78575	24.053	ng	# 53
8) 2-Chlorophenol	6.74	128	86486	40.890	ng	96
9) Benzaldehyde	6.50	77	45890	25.330	ng	97
10) Phenol	6.60	94	105540	38.401	ng	79
11) bis(2-Chloroethyl)ether	6.67	93	86261	38.019	ng	98
12) 1,3-Dichlorobenzene	6.88	146	102823	41.507	ng	97
13) 1,4-Dichlorobenzene	6.95	146	103549	41.345	ng	99
14) 1,2-Dichlorobenzene	7.11	146	95172	41.464	ng	97
15) Benzyl Alcohol	7.08	79	72417	37.450	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	125420	42.132	ng	# 41
17) 2-Methylphenol	7.20	107	72787	40.213	ng	# 90
18) Hexachloroethane	7.44	117	35234	40.005	ng	# 89
19) n-Nitroso-di-n-propylamine	7.35	70	60796	38.299	ng	93
20) 3+4-Methylphenols	7.35	107	94586	49.939	ng	# 83
22) Acetophenone	7.35	105	120996	43.333	ng	# 99
24) Nitrobenzene	7.52	77	94638	41.275	ng	98
25) Isophorone	7.76	82	172229	43.520	ng	98
26) 2-Nitrophenol	7.84	139	48518	44.825	ng	93
27) 2,4-Dimethylphenol	7.88	122	78664	47.020	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	109178	41.089	ng	98
29) 2,4-Dichlorophenol	8.09	162	78489	44.812	ng	94
30) 1,2,4-Trichlorobenzene	8.16	180	88226	45.725	ng	98
31) Naphthalene	8.24	128	254925	43.688	ng	99
32) Benzoic acid	8.01	122	35077	31.114	ng	95
33) 4-Chloroaniline	8.30	127	39750	16.235	ng	99
34) Hexachlorobutadiene	8.35	225	58201	46.292	ng	98
35) Caprolactam	8.67	113	22602m	39.587	ng	
36) 4-Chloro-3-methylphenol	8.79	107	76889	41.706	ng	98
37) 2-Methylnaphthalene	8.94	142	188434	48.721	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	98259	45.988	ng	# 96
40) Hexachlorocyclopentadiene	9.08	237	33315	30.306	ng	100

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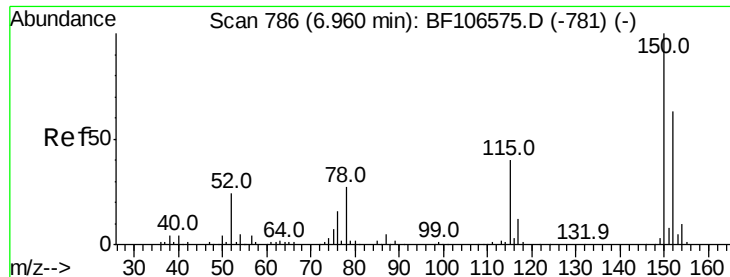
Manual Integrations
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 7/11/2018 11:22:22 AM

Quant Time: Jul 10 14:07:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	51951	36.579	nq	91
43) 2,4,5-Trichlorophenol	9.27	196	50167	33.851	nq	89
45) 1,1'-Biphenyl	9.40	154	225595	44.617	nq	96
46) 2-Chloronaphthalene	9.43	162	162284	40.775	nq	95
47) 2-Nitroaniline	9.53	65	47875	35.772	nq	93
48) Acenaphthylene	9.85	152	256115	40.759	nq	99
49) Dimethylphthalate	9.70	163	177565	37.316	nq	99
50) 2,6-Dinitrotoluene	9.77	165	41887	41.570	nq	88
51) Acenaphthene	10.02	154	155006	39.174	nq	98
52) 3-Nitroaniline	9.94	138	21860	18.853	nq	98
53) 2,4-Dinitrophenol	10.07	184	23344	46.930	nq #	17
54) Dibenzofuran	10.19	168	232558	42.922	nq	95
55) 4-Nitrophenol	10.13	139	21350	26.379	nq	92
56) 2,4-Dinitrotoluene	10.18	165	51638	39.262	nq	95
57) Fluorene	10.54	166	186763	43.438	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	38021	32.274	nq #	75
59) Diethylphthalate	10.40	149	167628	36.499	nq #	93
60) 4-Chlorophenyl-phenylether	10.52	204	96257	42.788	nq #	85
61) 4-Nitroaniline	10.57	138	38007	33.028	nq	95
62) Azobenzene	10.68	77	168872	37.339	nq	91
64) 4,6-Dinitro-2-methylphenol	10.60	198	23233	31.414	nq #	73
65) n-Nitrosodiphenylamine	10.64	169	155221	38.571	nq	100
66) 4-Bromophenyl-phenylether	11.01	248	62417	43.713	nq #	78
67) Hexachlorobenzene	11.09	284	66197	44.294	nq #	80
68) Atrazine	11.17	200	51466	40.229	nq	95
69) Pentachlorophenol	11.29	266	18622m	24.973	nq	
70) Phenanthrene	11.51	178	256861	44.511	nq	99
71) Anthracene	11.56	178	265889	45.141	nq	98
72) Carbazole	11.71	167	216890	39.330	nq	98
73) Di-n-butylphthalate	12.02	149	242128	37.269	nq	99
74) Fluoranthene	12.70	202	256544	40.334	nq	94
76) Benzidine	12.82	184	73598	31.563	nq	97
77) Pyrene	12.93	202	253756	47.000	nq	99
79) Butylbenzylphthalate	13.52	149	84416	38.028	nq #	96
80) Benzo(a)anthracene	14.12	228	211924	42.469	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	42962	24.497	nq #	97
82) Chrysene	14.16	228	196792	42.867	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	106663	37.584	nq #	98
84) Di-n-octyl phthalate	14.69	149	180131	38.939	nq	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	266812	68.485	nq #	90
87) Benzo(b)fluoranthene	15.21	252	206116	38.323	nq #	96
88) Benzo(k)fluoranthene	15.24	252	204037	39.837	nq #	95
89) Benzo(a)pyrene	15.61	252	211035	44.138	nq #	96
90) Dibenzo(a,h)anthracene	17.27	278	219614	54.198	nq #	94
91) Benzo(g,h,i)perylene	17.74	276	233170	58.872	nq #	89

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



#1

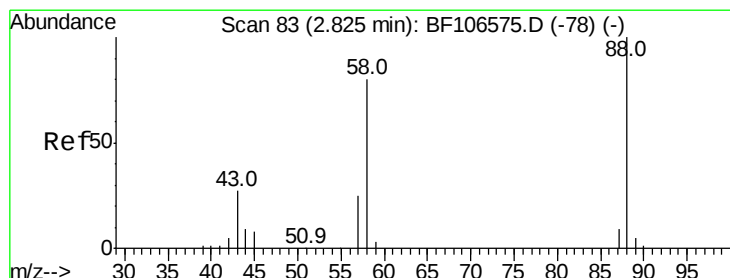
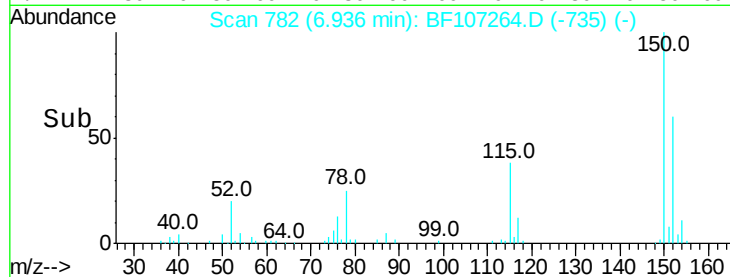
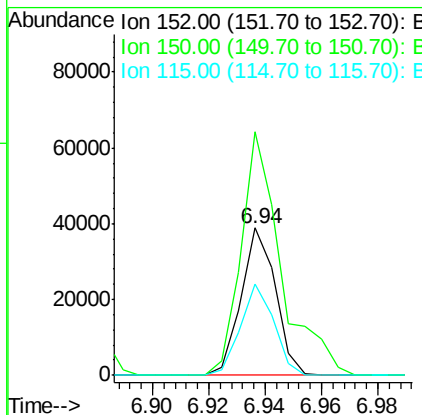
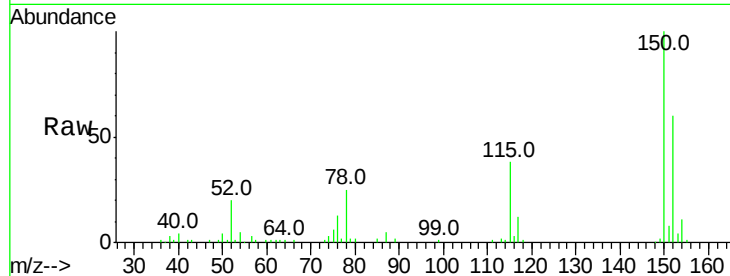
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.5	124.6	186.8
115	62.3	50.1	75.1

Manual Integrations
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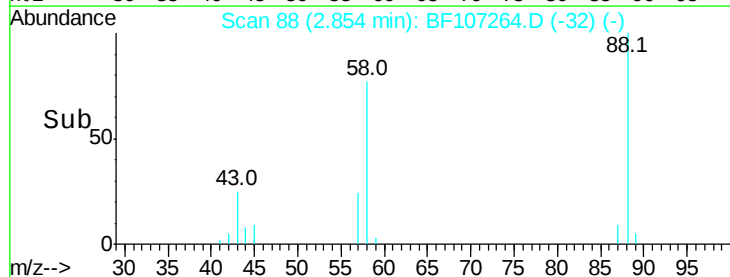
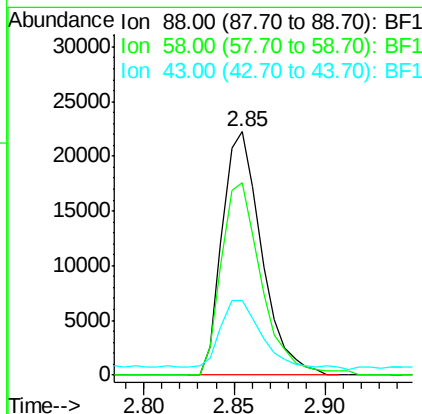
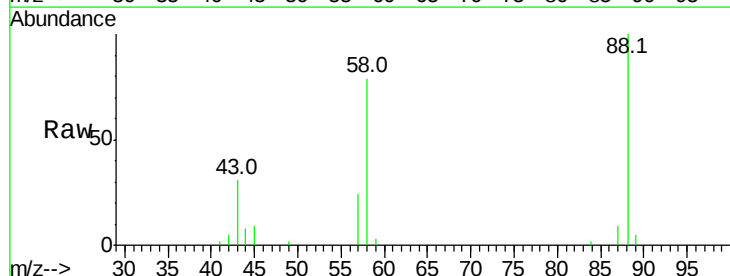
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7/11/2018 11:22:22 AM



#2

1,4-Dioxane
Concen: 33.831 ng
RT: 2.85 min Scan# 88
Delta R.T. 0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	62.6	93.8
43	30.4	24.6	37.0





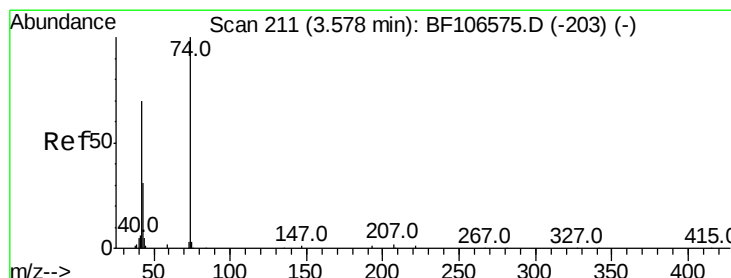
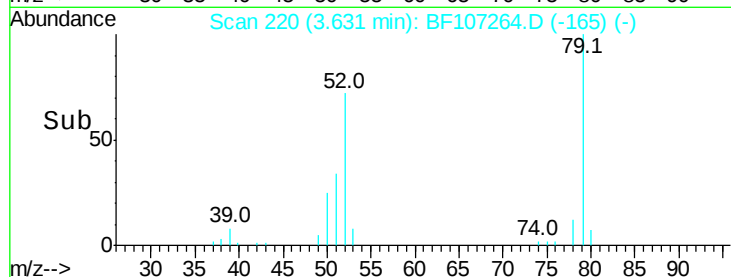
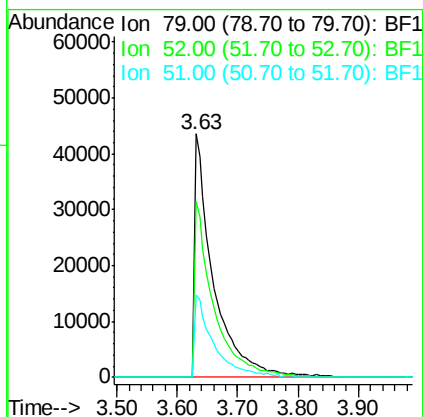
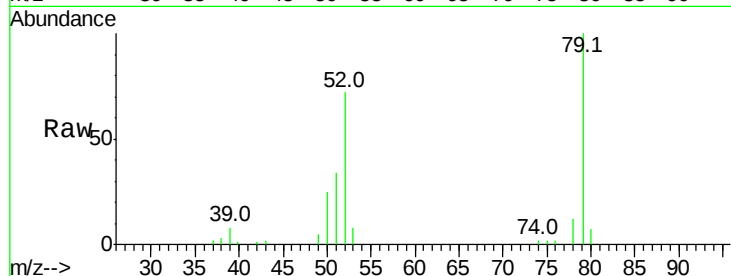
#3
 Pvridine
 Concen: 35.158 ng
 RT: 3.63 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	72.2	59.8	89.6
51	51	33.7	29.8	44.8

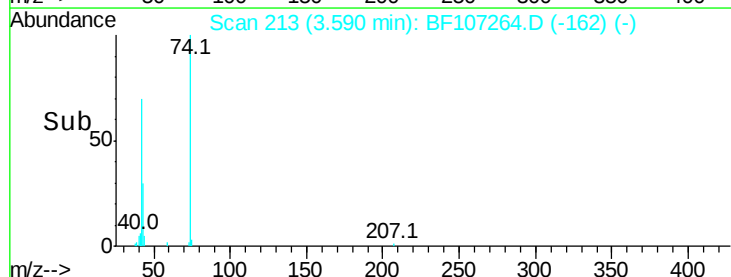
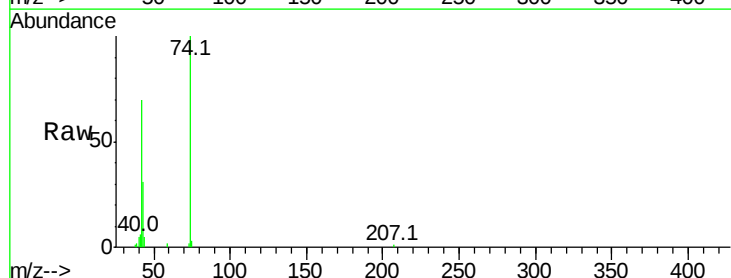
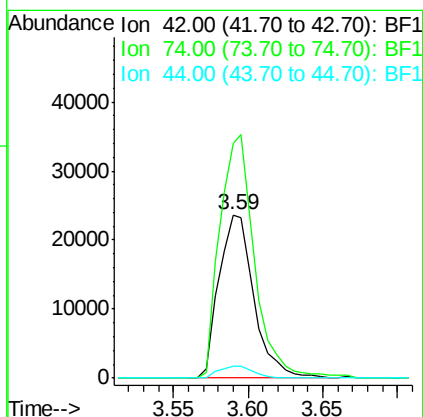
Manual Integrations
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 7/11/2018 11:22:22 AM



#4
 n-Nitrosodimethylamine
 Concen: 33.902 ng
 RT: 3.59 min Scan# 213
 Delta R.T. -0.00 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	143.8	104.9	157.3
44	44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 122.195 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

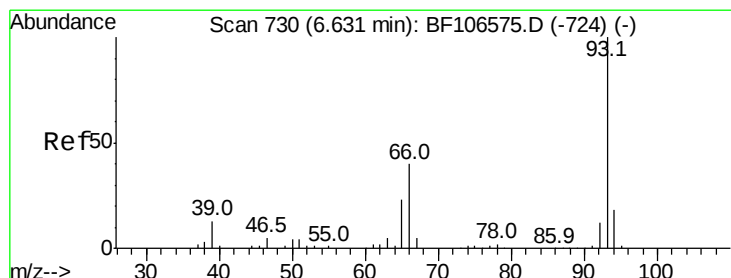
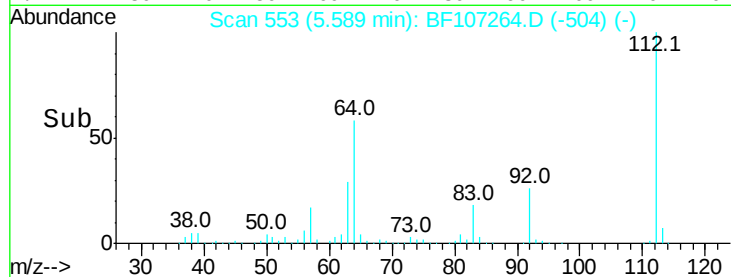
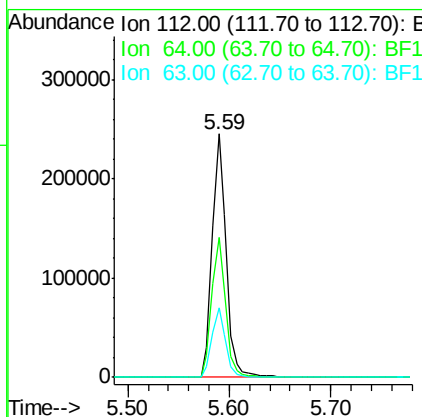
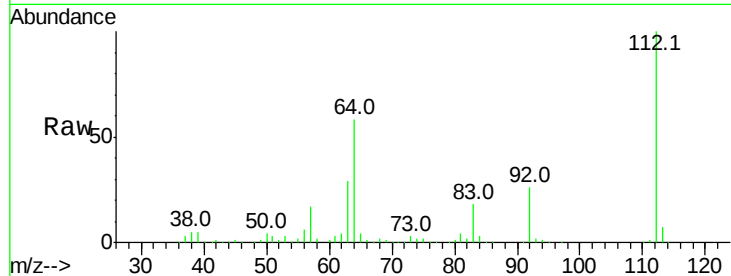
ClientSampleId :

PB110879BS

Tot Ion:	112	Resp:	235641
Ion Ratio	Lower	Upper	
112	100		
64	57.7	47.9	71.9
63	28.7	23.7	35.5

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#6

Aniline

Concen: 24.053 ng

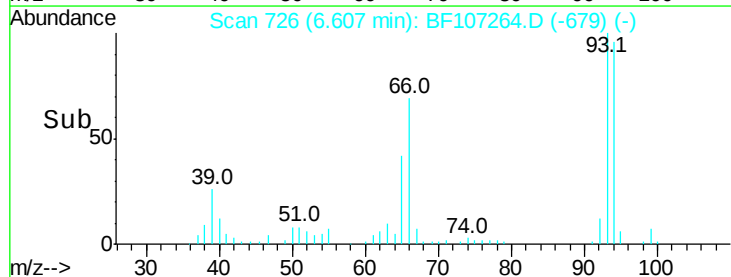
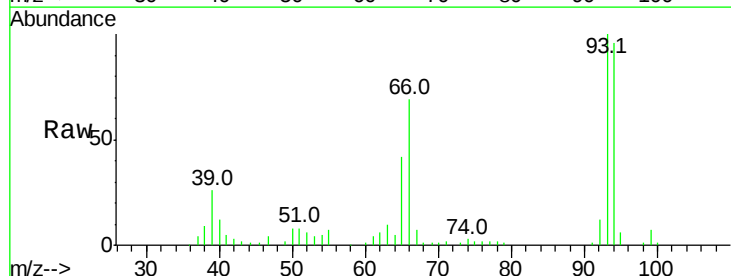
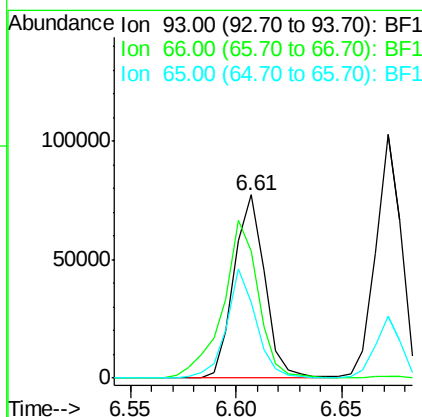
RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Tgt Ion:	93	Resp:	78575
Ion Ratio	Lower	Upper	
93	100		
66	69.3	32.2	48.2#
65	41.7	16.4	24.6#





#7

Phenol-d6

Concen: 119.444 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

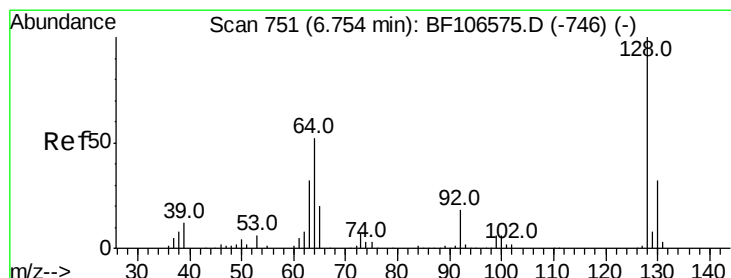
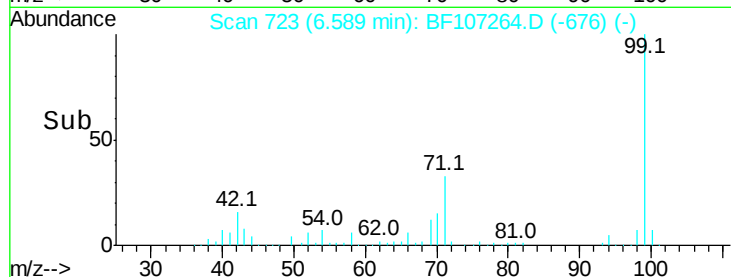
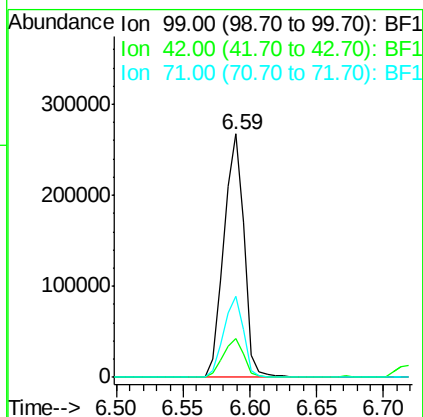
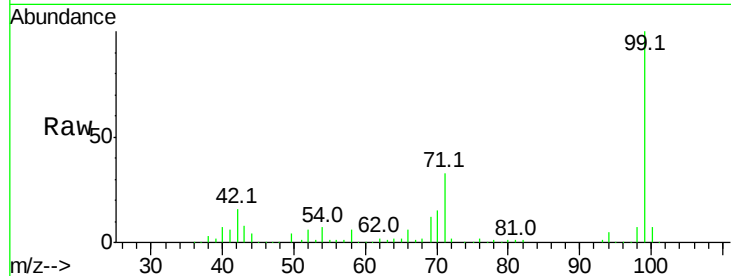
ClientSampleId :

PB110879BS

Tot Ion:	99	Resp:	287644
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	33.4	25.4	38.0

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#8

2-Chlorophenol

Concen: 40.890 ng

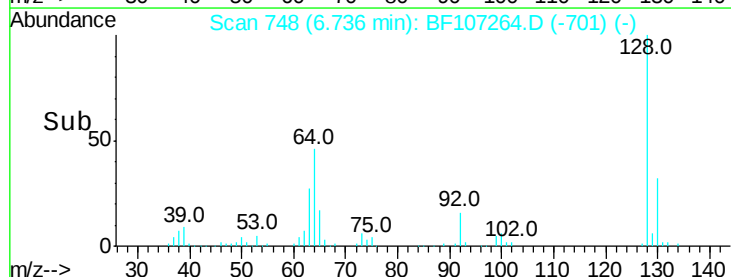
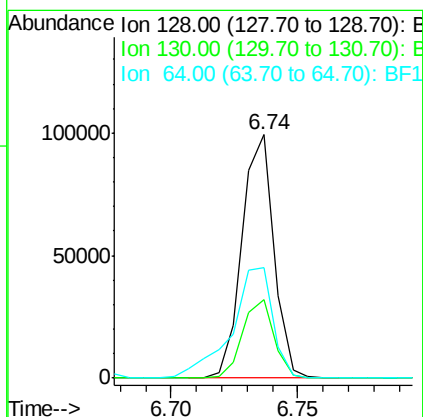
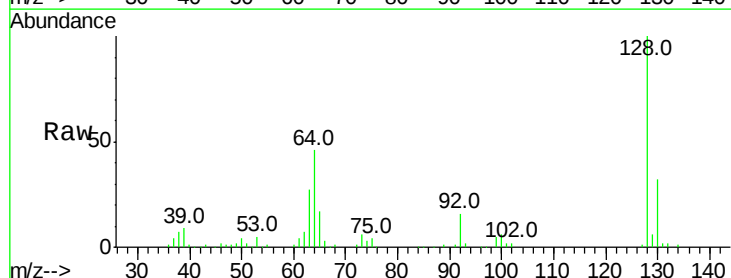
RT: 6.74 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Tgt Ion:	128	Resp:	86486
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.0	53.0
64	45.5	29.4	69.4





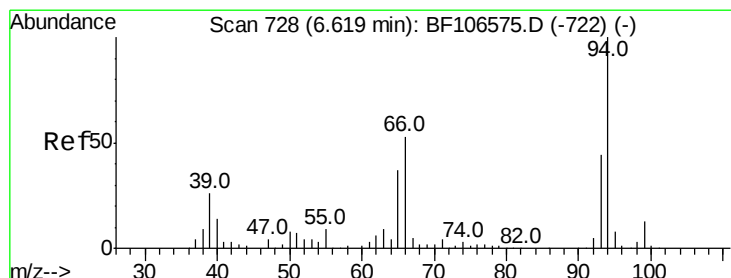
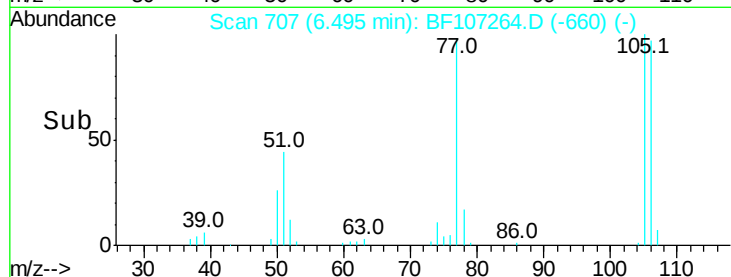
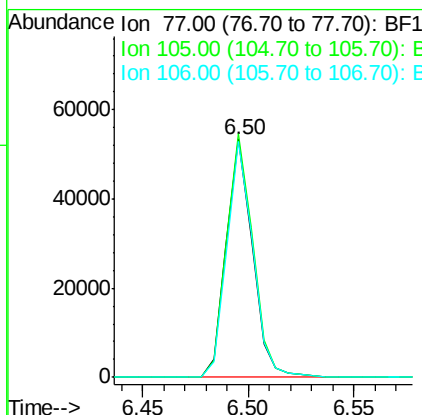
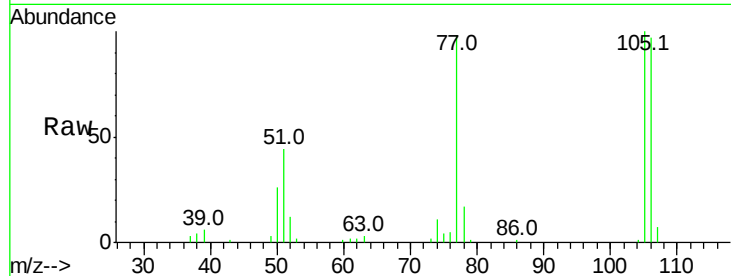
#9
Benzaldehyde
Concen: 25.330 ng
RT: 6.50 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion: 77 Resp: 45890
Ion Ratio Lower Upper
77 100
105 102.2 81.1 121.1
106 99.3 74.5 114.5

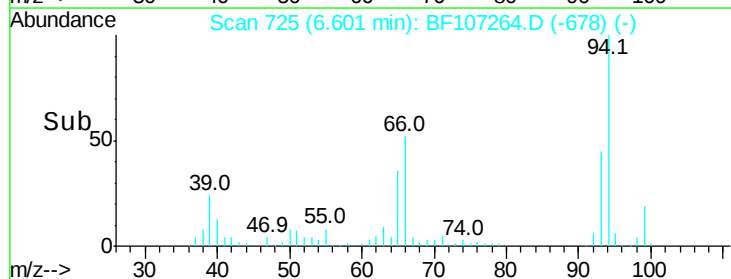
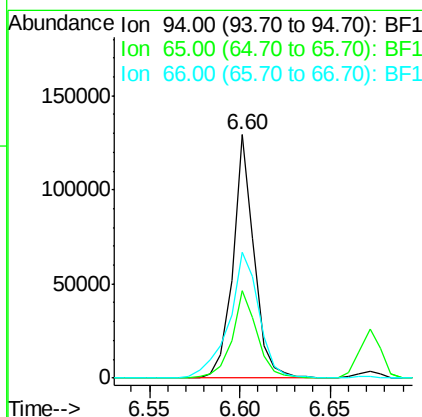
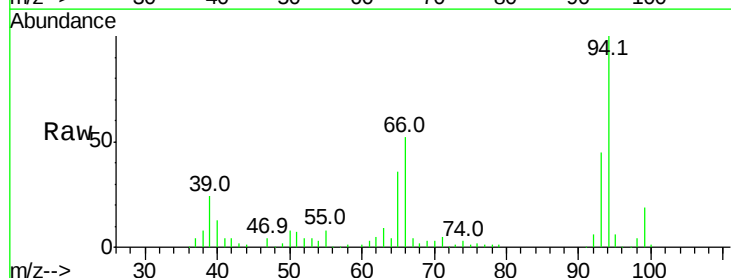
Manual Integrations
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#10
Phenol
Concen: 38.401 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion: 94 Resp: 105540
Ion Ratio Lower Upper
94 100
65 35.7 7.9 47.9
66 51.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.019 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

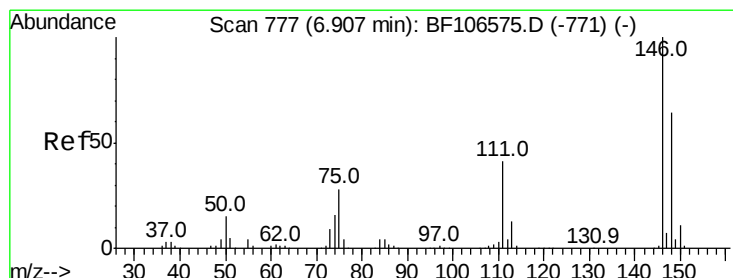
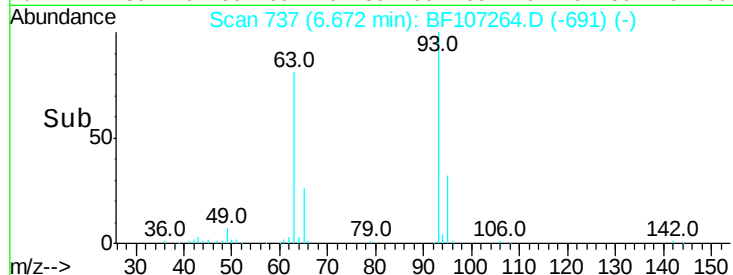
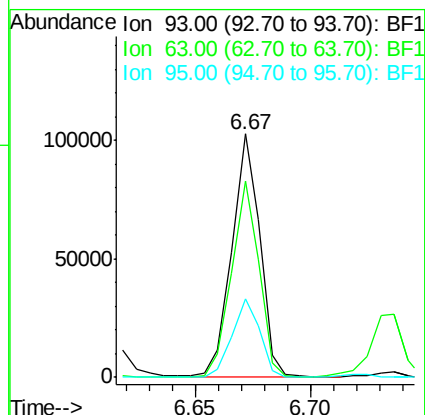
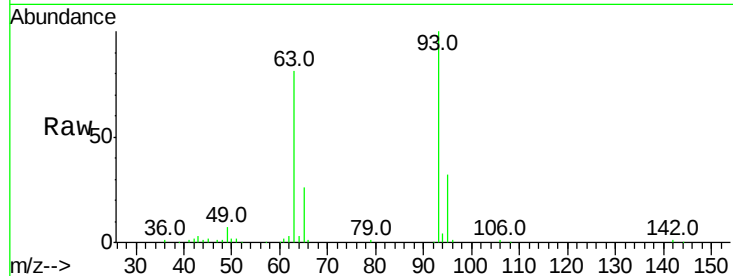
ClientSampleId :

PB110879BS

Tot Ion:	93	Resp:	86261
Ion Ratio	Lower	Upper	
93	100		
63	80.5	58.6	98.6
95	32.3	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 41.507 ng

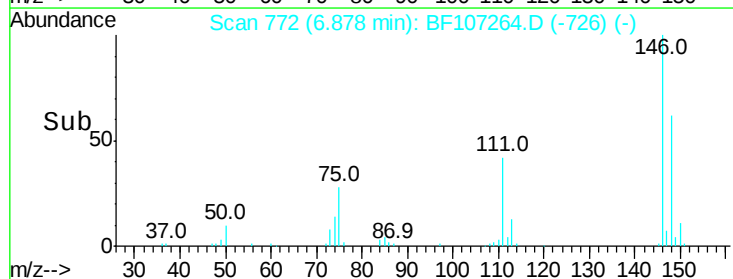
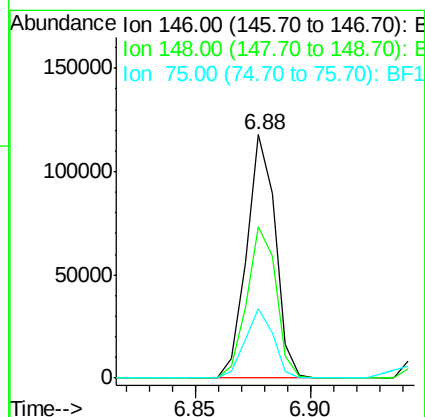
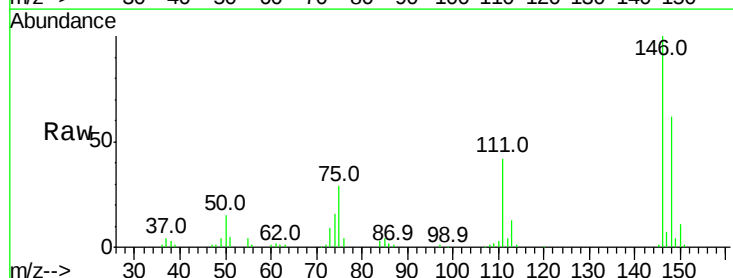
RT: 6.88 min Scan# 772

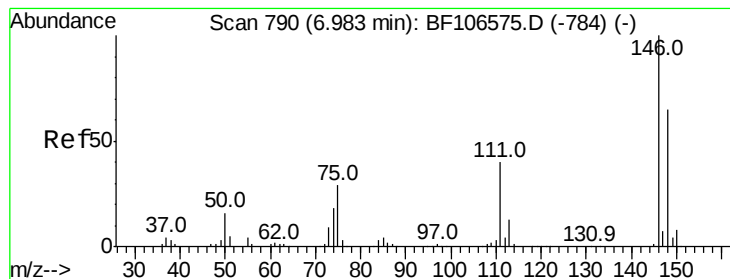
Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Tgt Ion:	146	Resp:	102823
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.8	77.8
75	28.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.345 ng

RT: 6.95 min Scan# 785

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

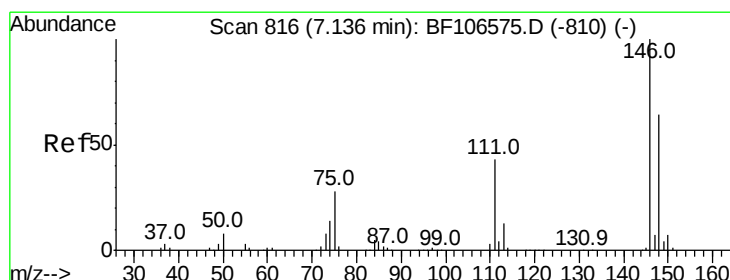
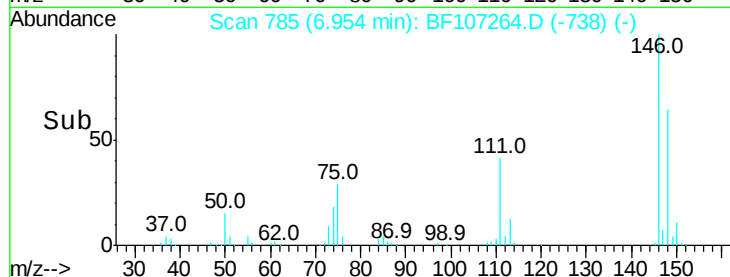
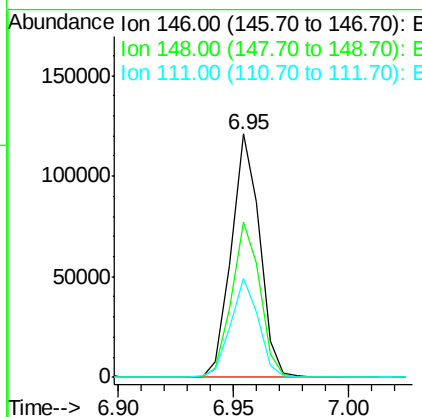
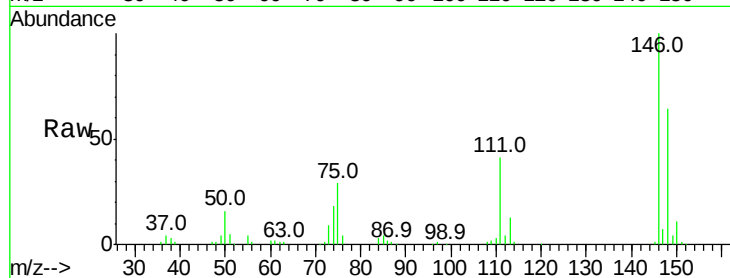
ClientSampleId :

PB110879BS

Tot Ion:	146	Resp:	103549
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	40.9	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 41.464 ng

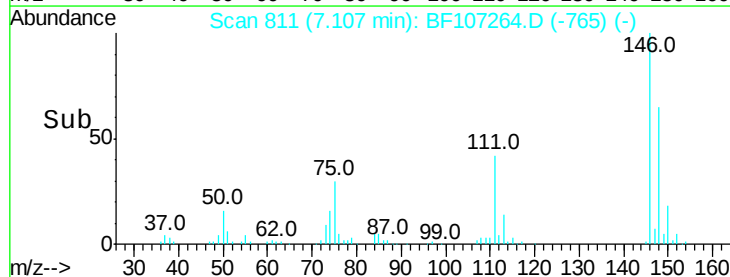
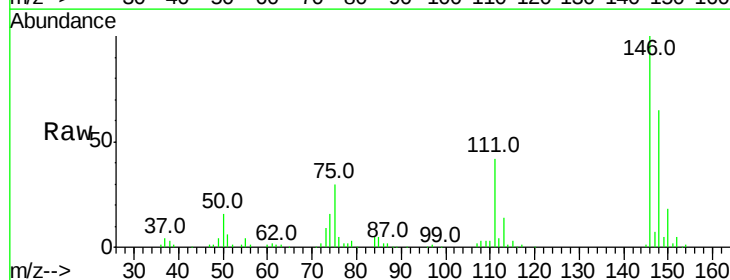
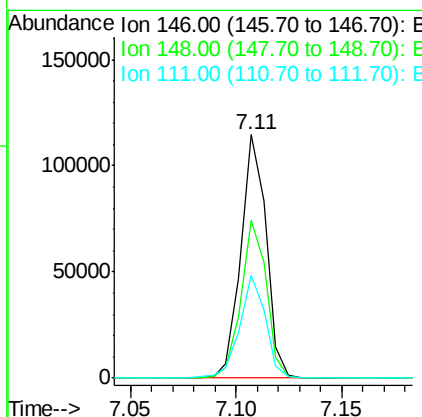
RT: 7.11 min Scan# 811

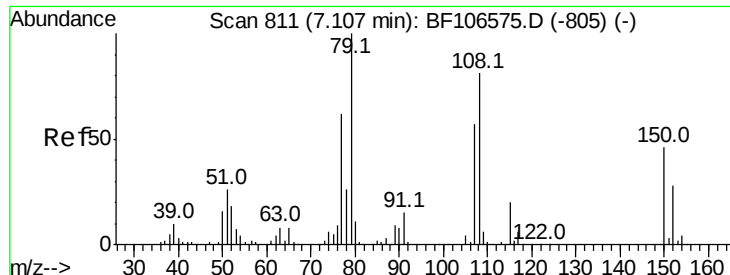
Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Tgt Ion:	146	Resp:	95172
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.6	75.8
111	42.2	36.0	54.0





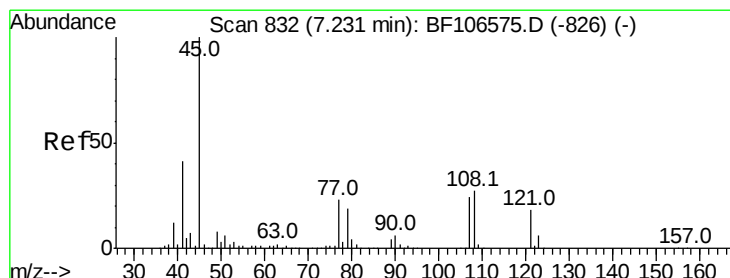
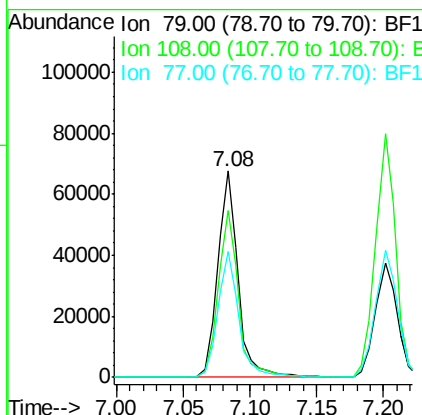
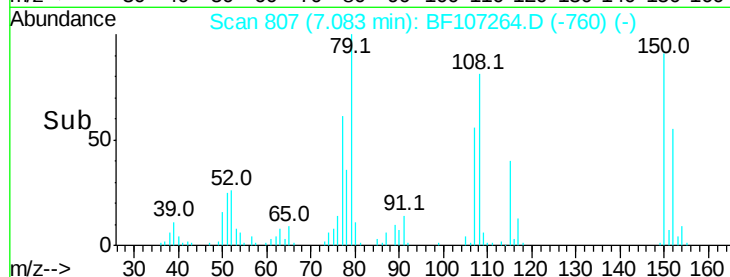
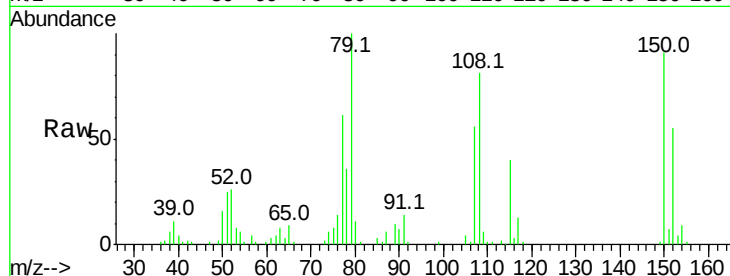
#15
Benzyl Alcohol
Concen: 37.450 ng
RT: 7.08 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampled :
PB110879BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	65.1	97.7
77	61.1	50.6	75.8

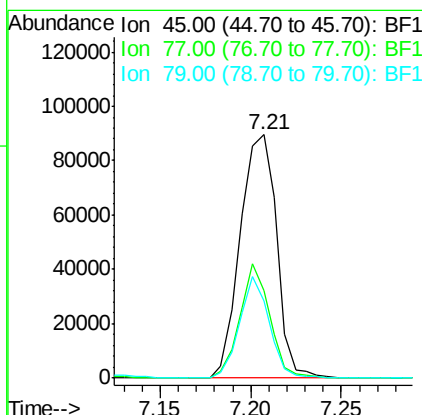
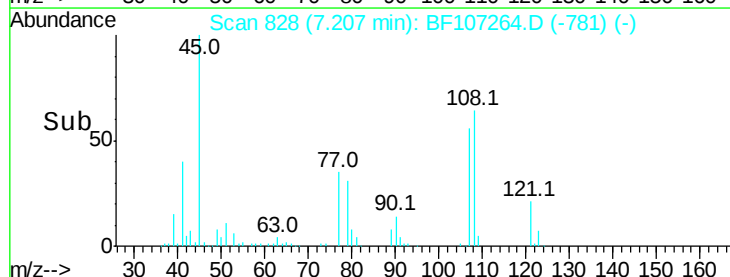
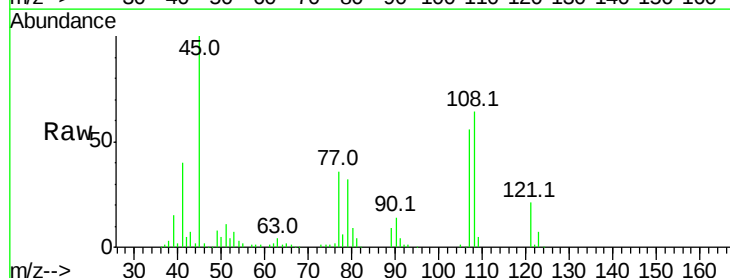
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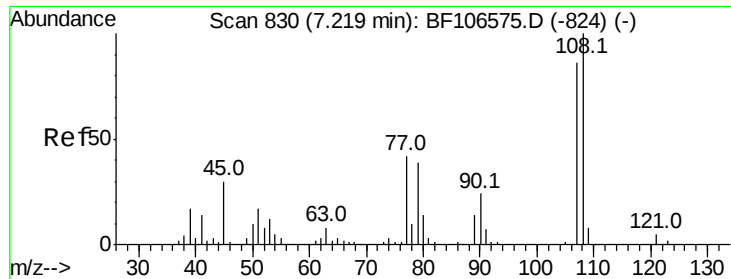
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.132 ng
RT: 7.21 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.9	0.0	32.9#
79	31.8	0.0	29.6#





#17

2-Methylphenol

Concen: 40.213 ng

RT: 7.20 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tot Ion:107 Resp: 72787
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

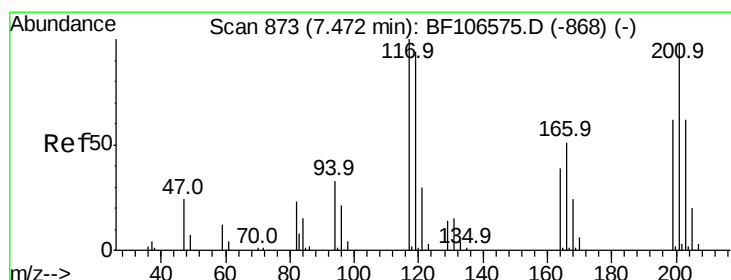
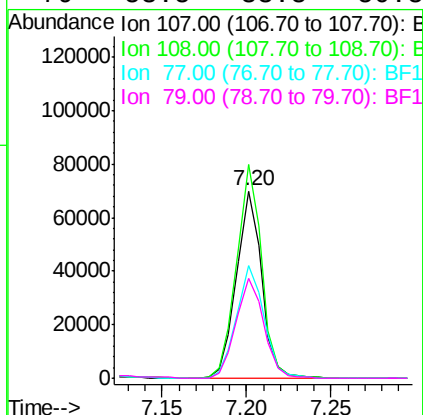
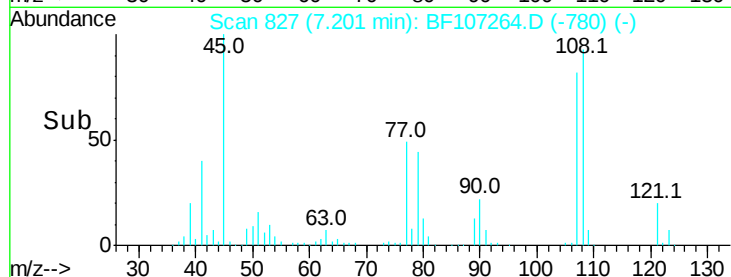
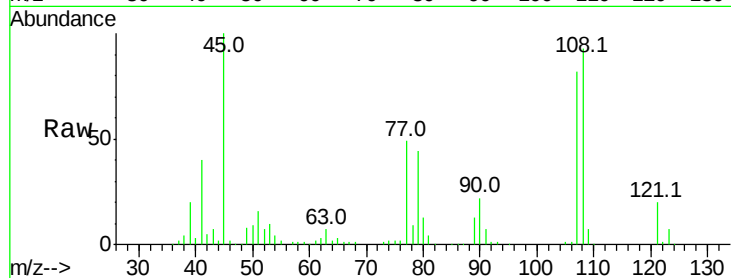
77 59.9 33.8 50.8#

79 53.5 33.8 50.8#

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#18

Hexachloroethane

Concen: 40.005 ng

RT: 7.44 min Scan# 868

Delta R.T. -0.03 min

Lab File: BF107264.D

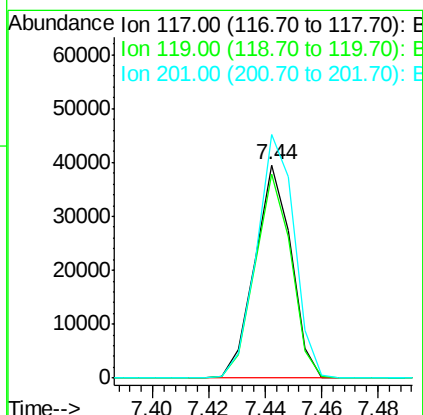
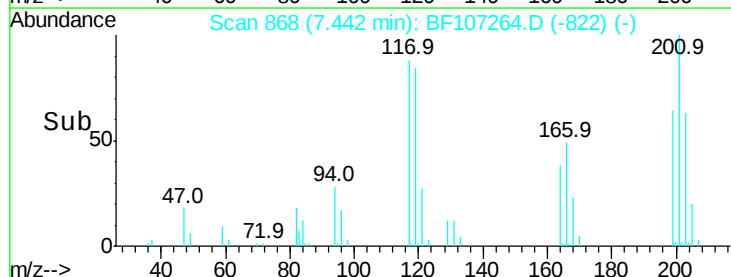
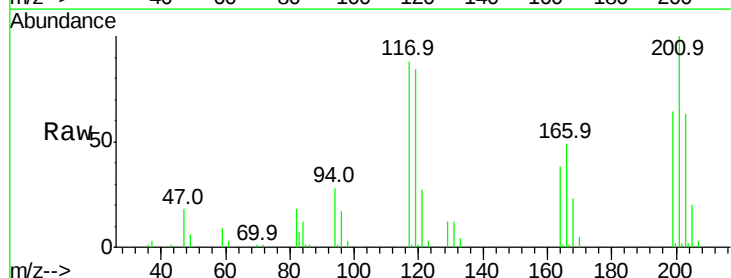
Acq: 10 Jul 2018 11:27

Tgt Ion:117 Resp: 35234
Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.8

201 114.2 75.7 113.5#





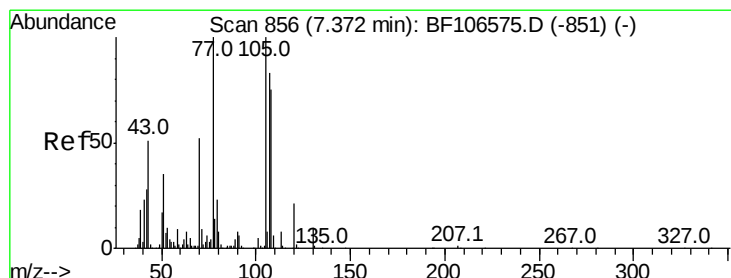
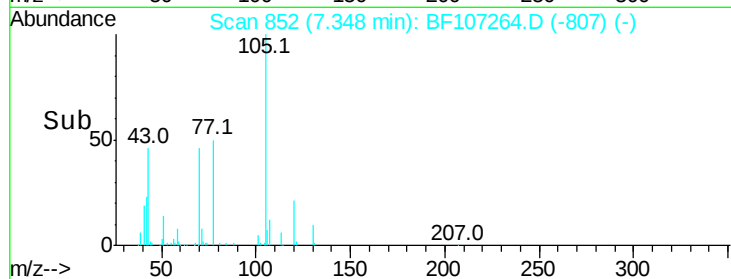
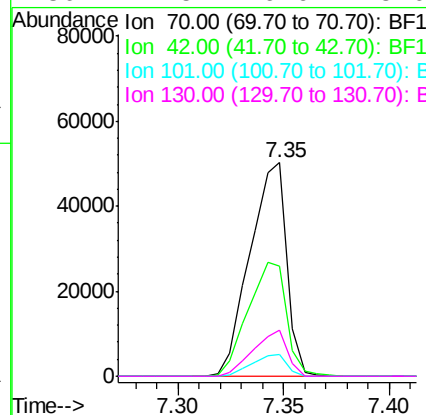
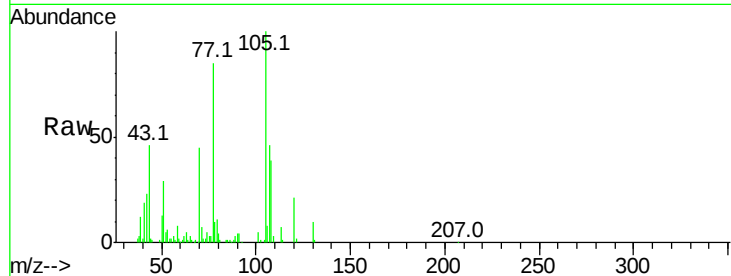
#19
n-Nitroso-di-n-propylamine
Concen: 38.299 ng
RT: 7.35 min Scan# 852
Delta R.T. -0.04 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	10.2	7.4	11.2
130	21.5	16.6	25.0

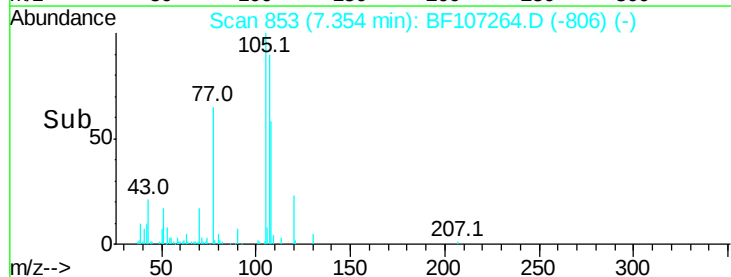
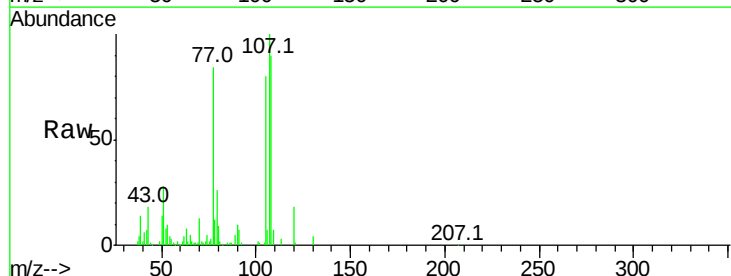
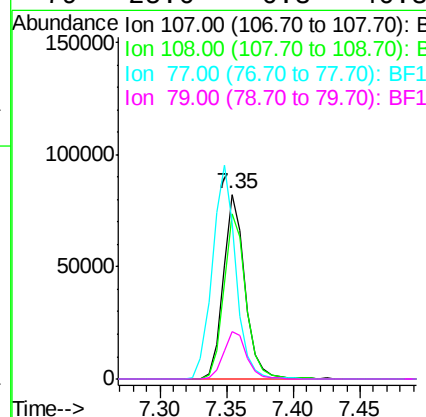
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#20
3+4-Methylphenols
Concen: 49.939 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	84.5	26.7	66.7#
79	25.6	6.3	46.3





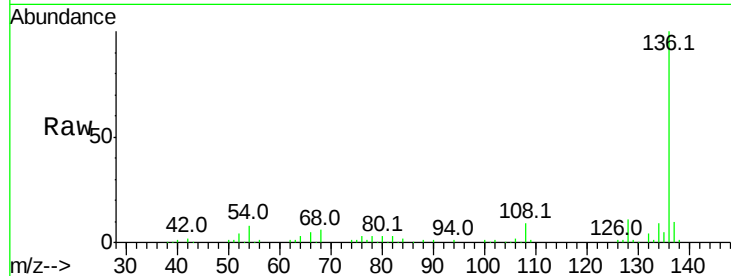
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	7.6	6.6	9.8	
68	5.9	5.0	7.4	

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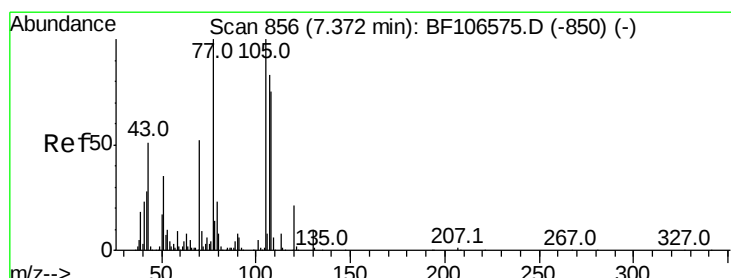
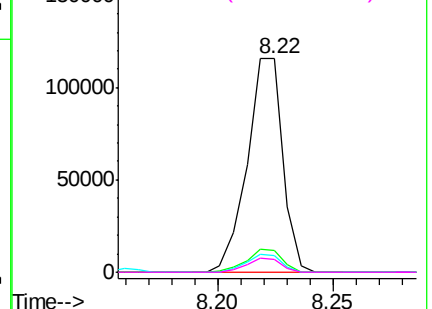
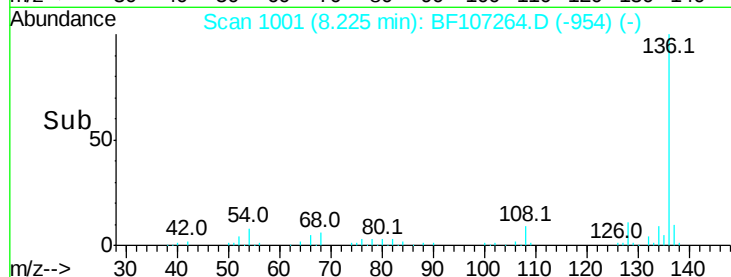


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

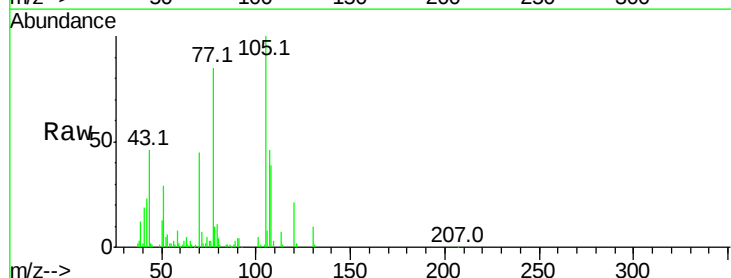
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 43.333 ng
RT: 7.35 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.4	4.4	6.6#	
51	28.6	22.3	33.5	
120	20.9	16.9	25.3	

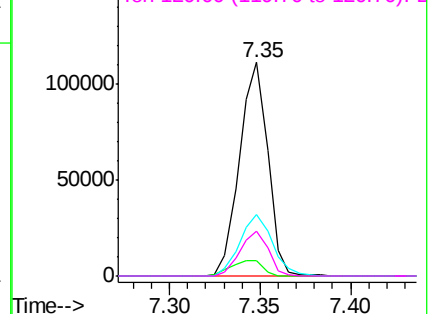
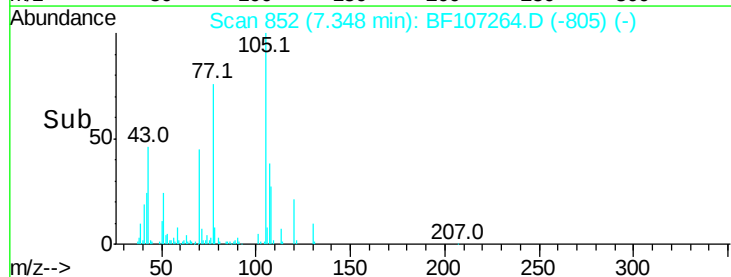


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





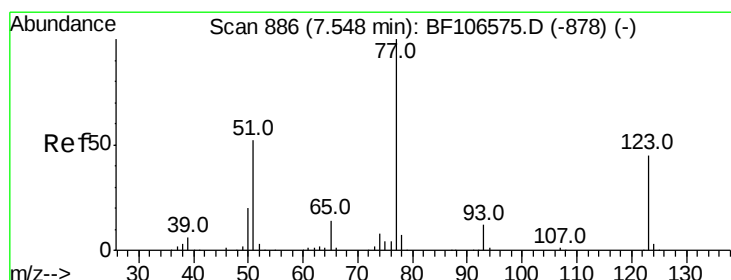
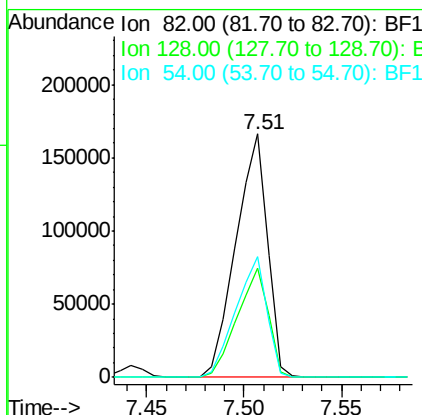
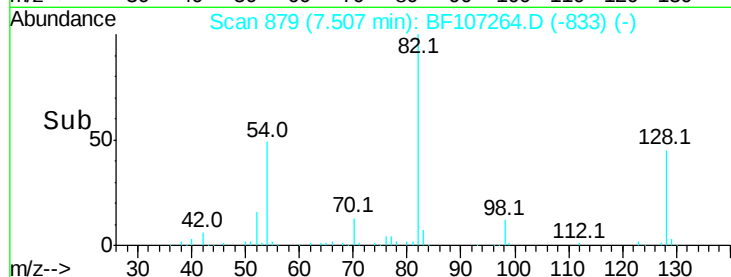
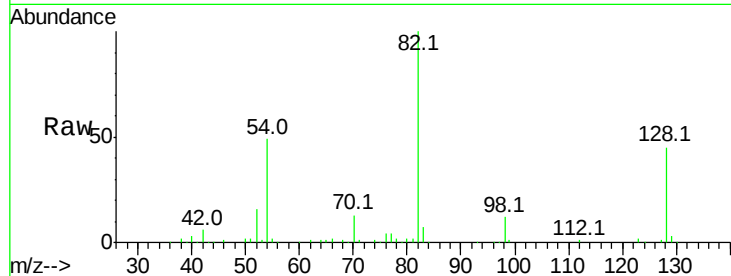
#23
Nitrobenzene-d5
Concen: 82.953 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	44.9	36.1	54.1
54	49.4	41.4	62.2

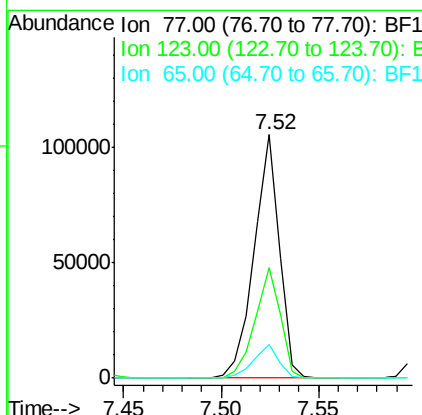
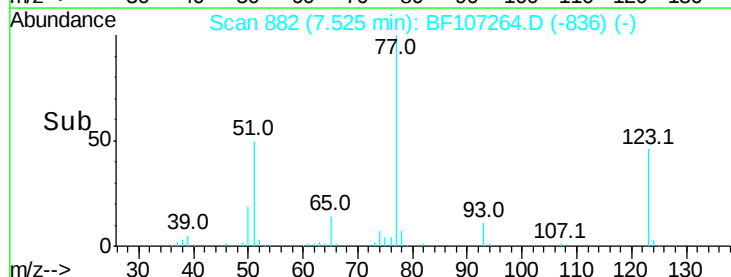
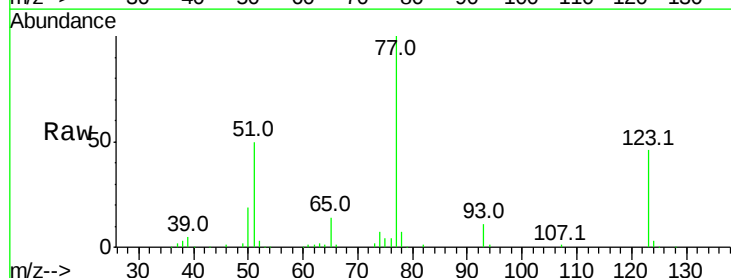
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#24
Nitrobenzene
Concen: 41.275 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	45.6	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 43.520 ng

RT: 7.76 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tot Ion: 82 Resp: 172229

Ion Ratio Lower Upper

82 100

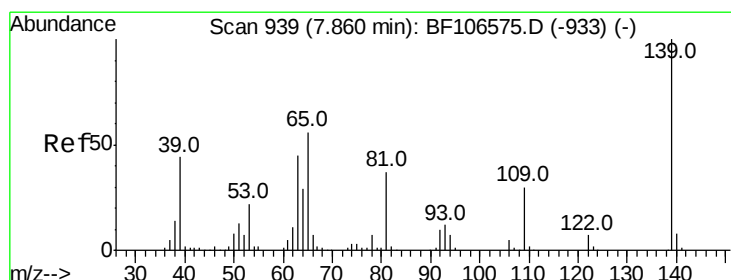
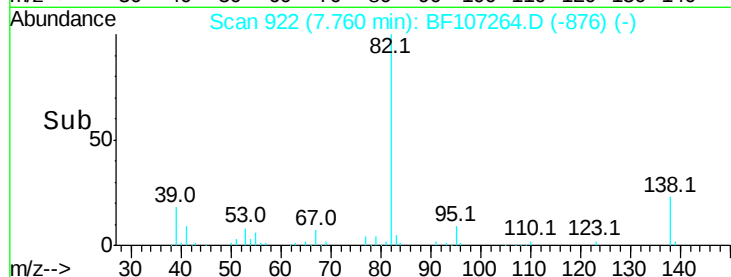
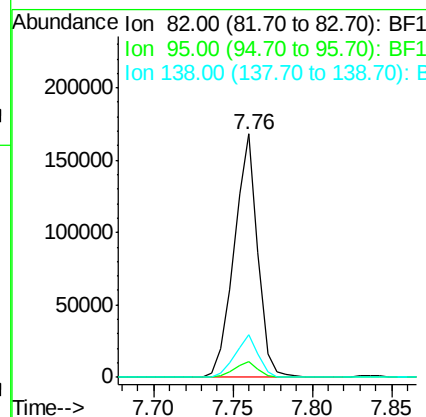
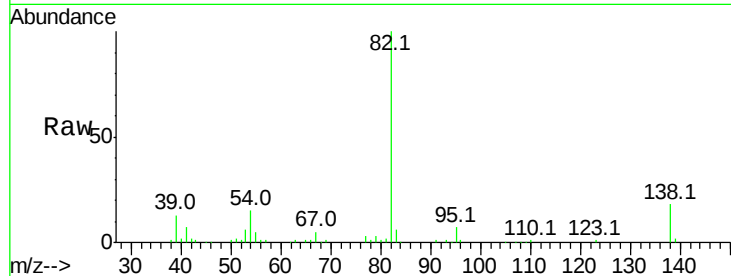
95 6.7 5.2 7.8

138 17.5 14.9 22.3

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#26

2-Nitrophenol

Concen: 44.825 ng

RT: 7.84 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

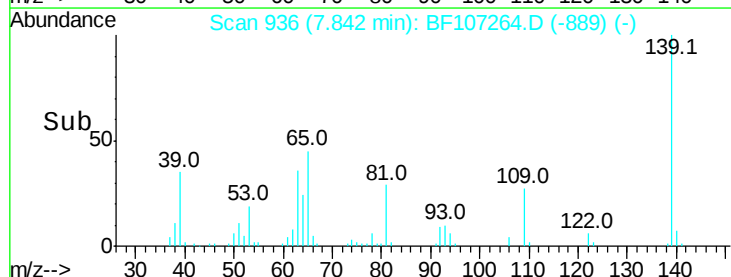
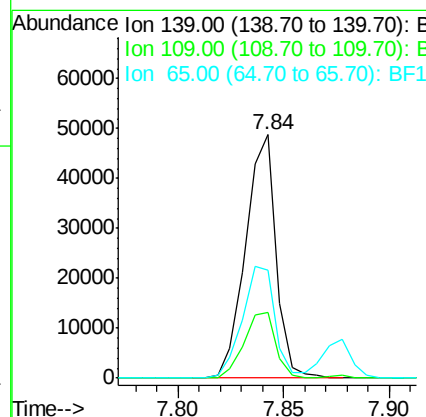
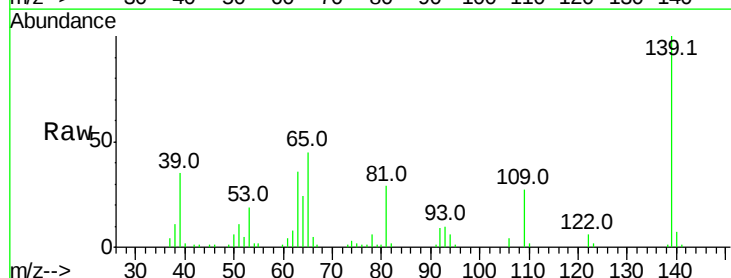
Tgt Ion: 139 Resp: 48518

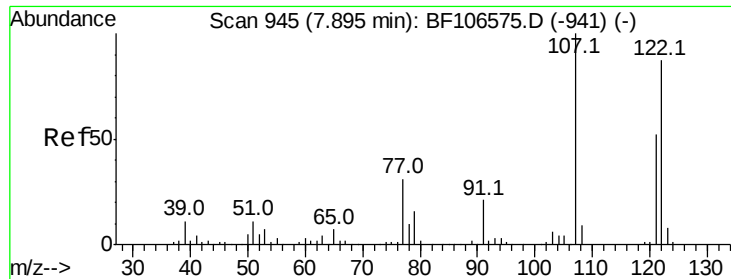
Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

65 44.5 40.5 60.7





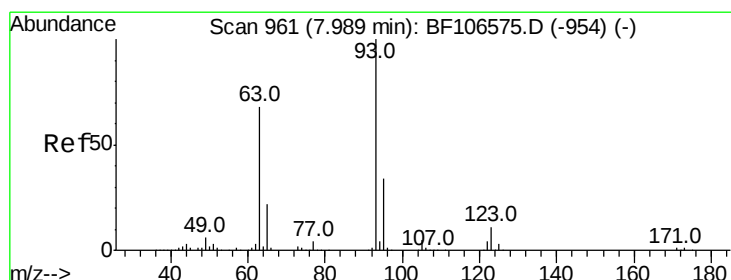
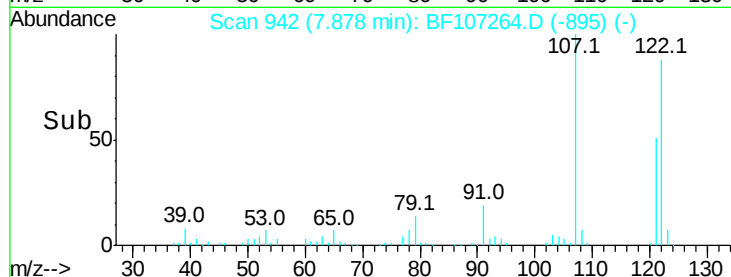
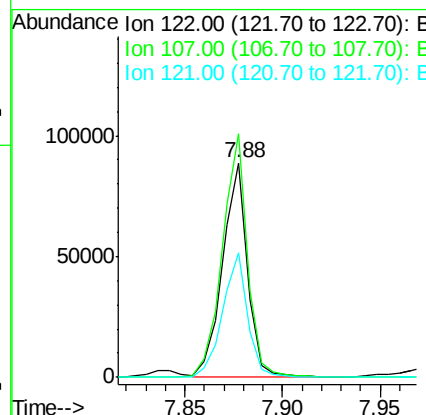
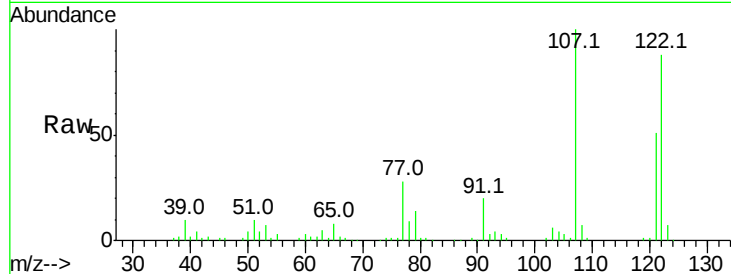
#27
2,4-Dimethylphenol
Concen: 47.020 ng
RT: 7.88 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	78664		
107	113.7	91.2	136.8	
121	58.2	47.2	70.8	

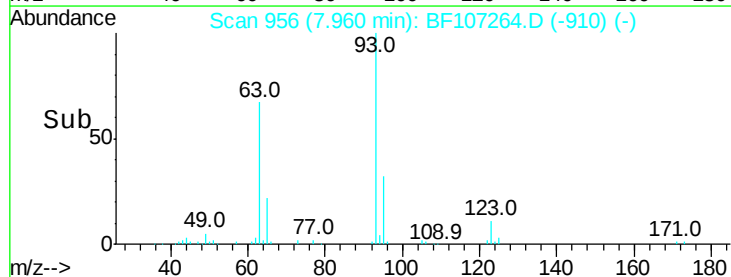
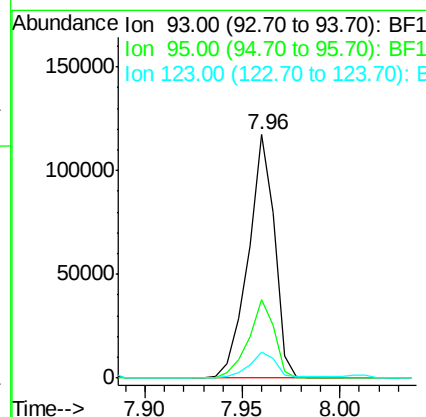
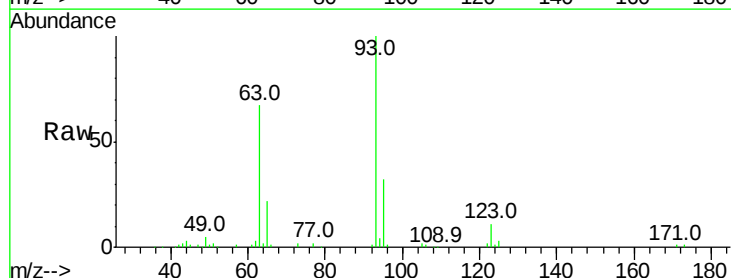
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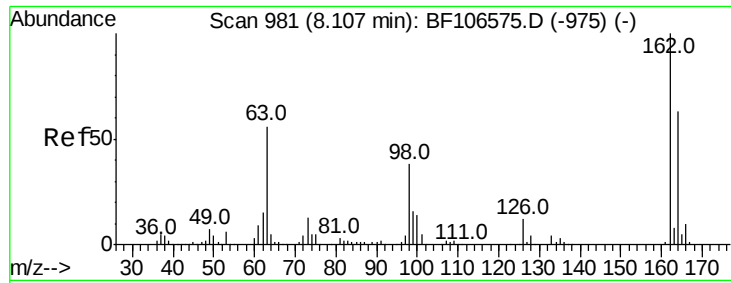
Sohil
7/11/2018 11:22:22 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.089 ng
RT: 7.96 min Scan# 956
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	109178		
95	32.0	26.3	39.5	
123	10.5	9.8	14.6	





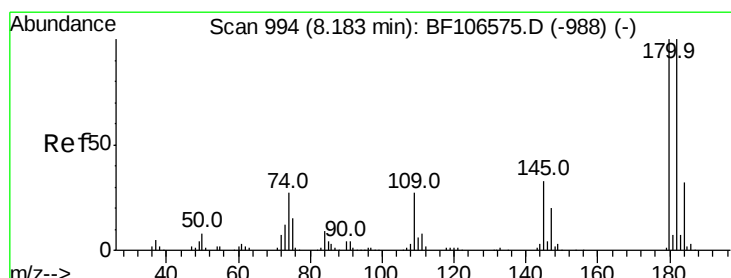
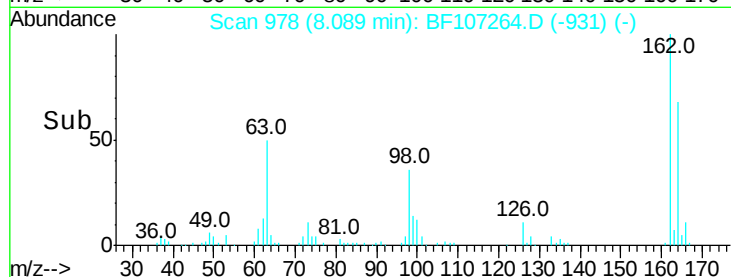
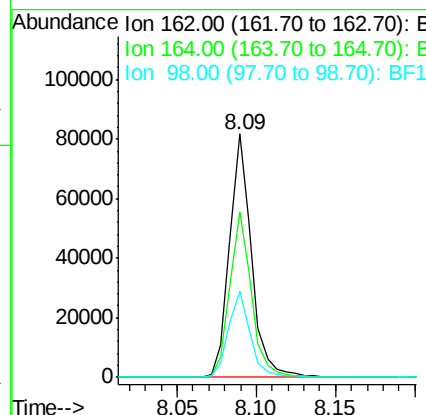
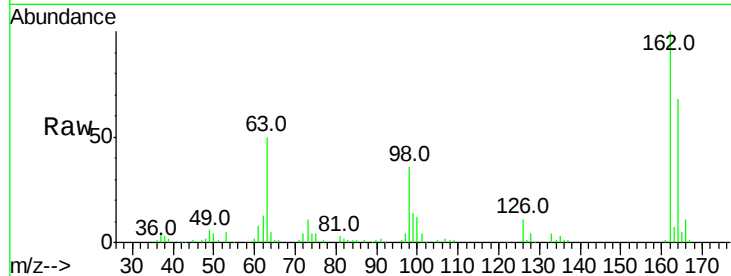
#29
 2,4-Dichlorophenol
 Concen: 44.812 ng
 RT: 8.09 min Scan# 978
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.7	42.7	82.7
98	35.6	18.1	58.1

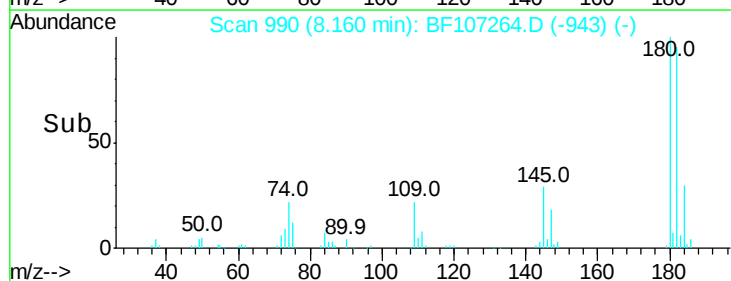
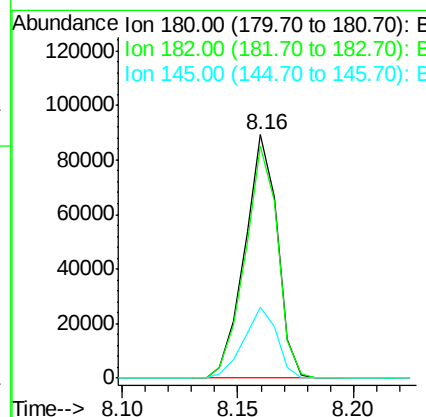
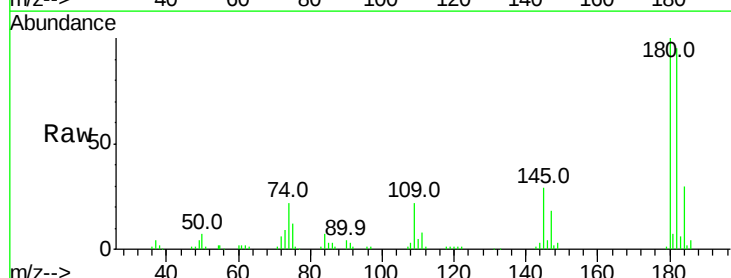
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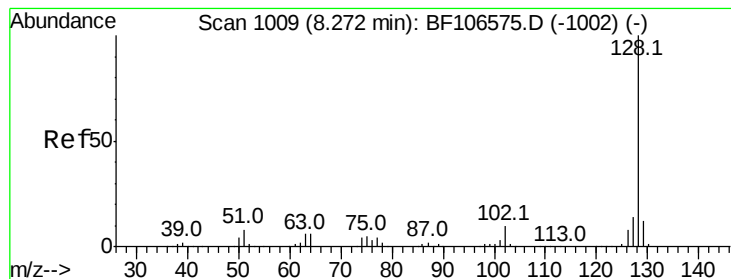
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.725 ng
 RT: 8.16 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.8	115.2
145	29.0	26.5	39.7





#31

Naphthalene

Concen: 43.688 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

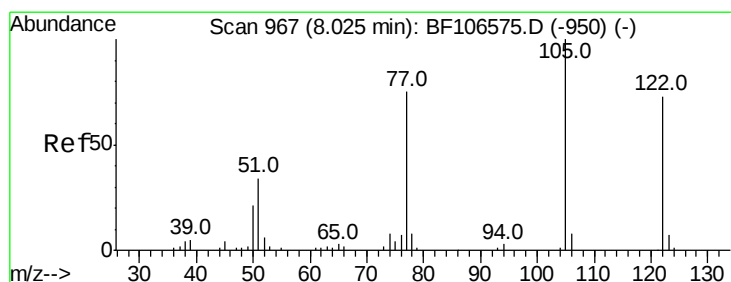
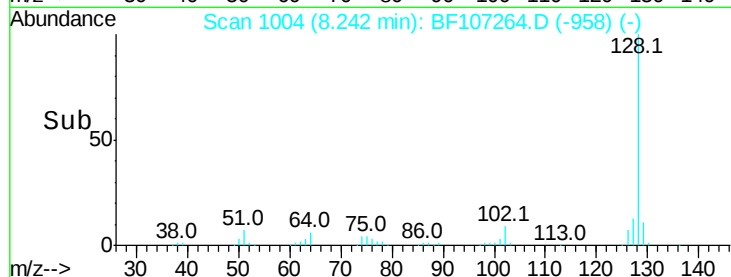
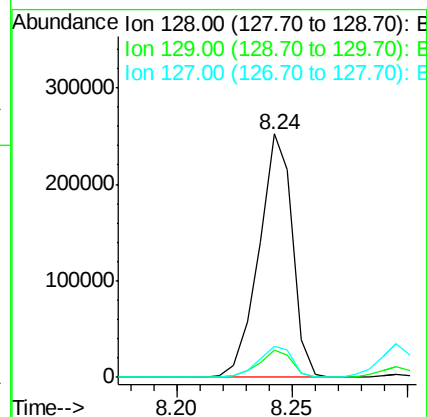
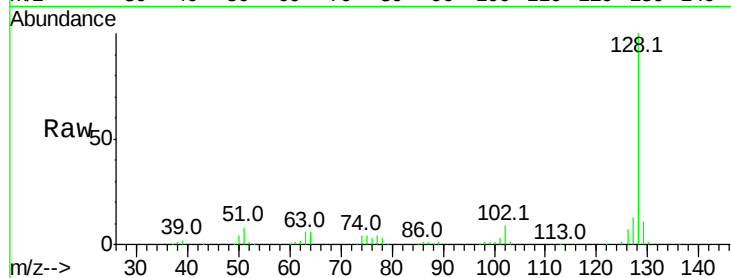
ClientSampleId :

PB110879BS

Tot Ion:	128	Resp:	254925
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	12.8	10.9	16.3

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#32

Benzoic acid

Concen: 31.114 ng

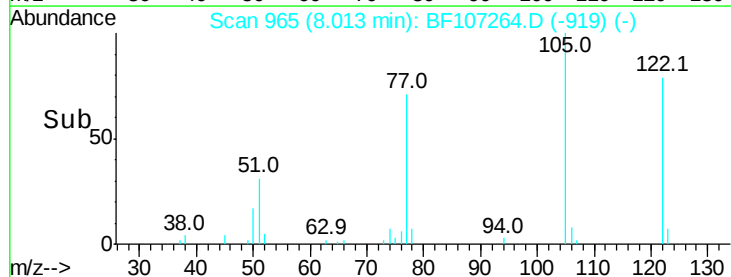
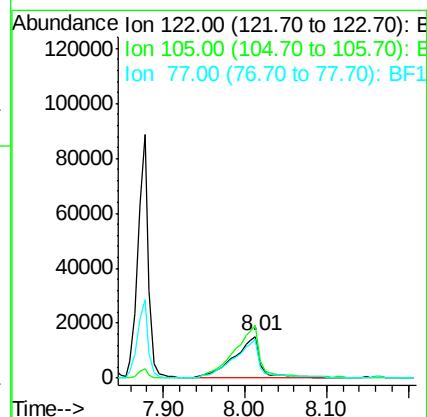
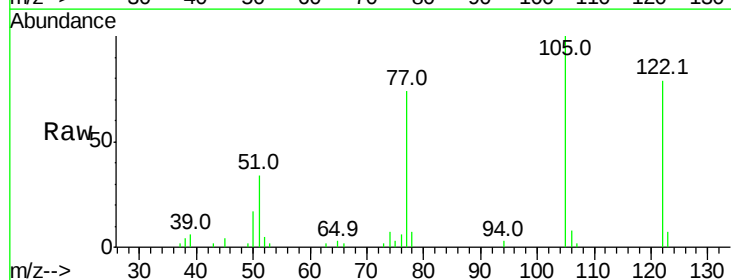
RT: 8.01 min Scan# 965

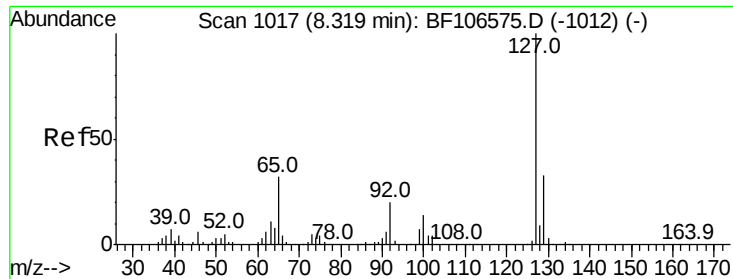
Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Tgt Ion:	122	Resp:	35077
Ion Ratio	Lower	Upper	
122	100		
105	127.3	101.1	141.1
77	94.2	70.7	110.7





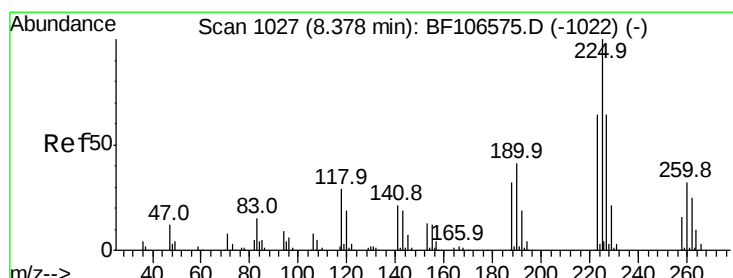
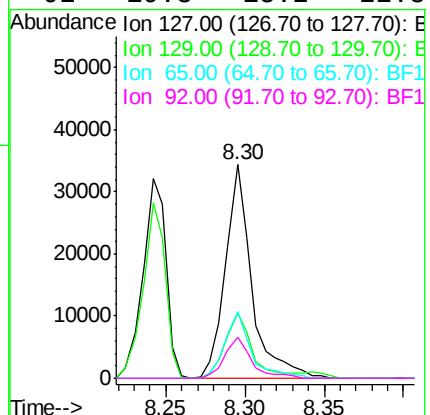
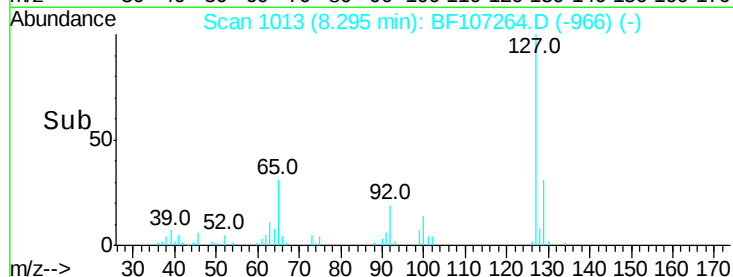
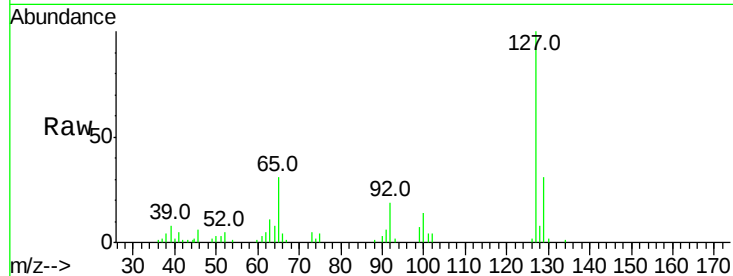
#33
4-Chloroaniline
Concen: 16.235 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampled :
PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.5	25.9	38.9	
65	31.2	25.0	37.4	
92	19.3	15.2	22.8	

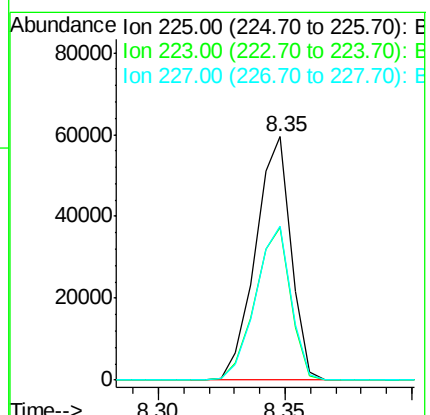
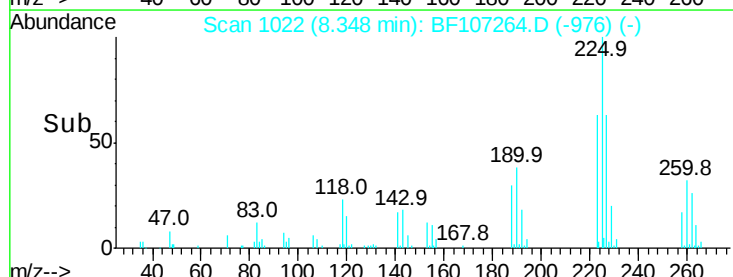
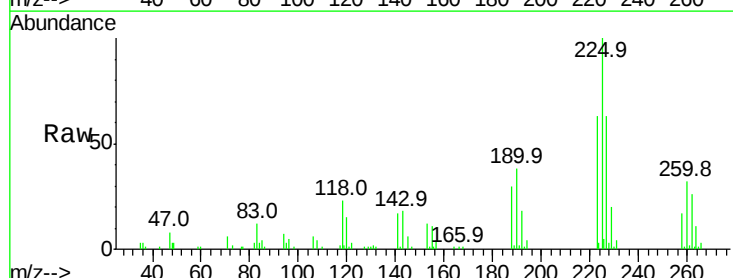
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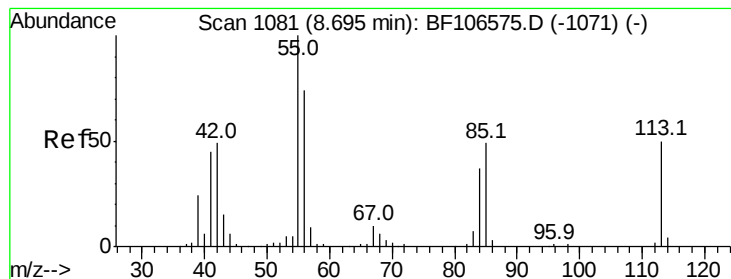
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#34
Hexachlorobutadiene
Concen: 46.292 ng
RT: 8.35 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.6	76.0	
227	63.2	51.9	77.9	





#35

Caprolactam

Concen: 39.587 ng/mL

RT: 8.67 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleID :

PB110879BS

Tot Ion:113 Resp: 22602

Ion Ratio Lower Upper

113 100

55 175.4 163.3 203.3

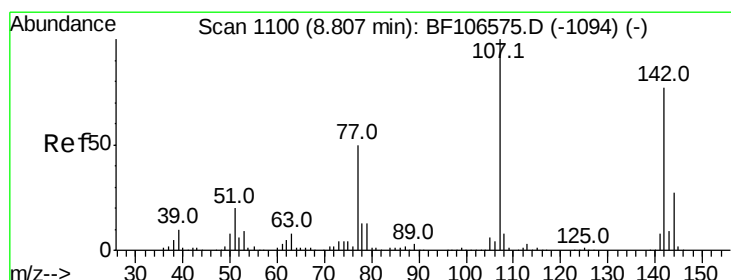
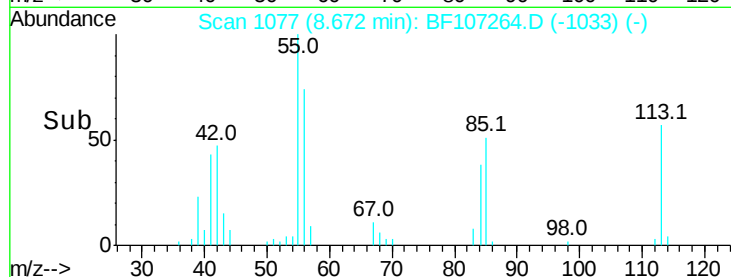
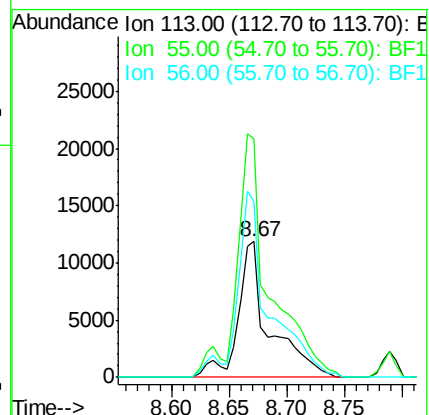
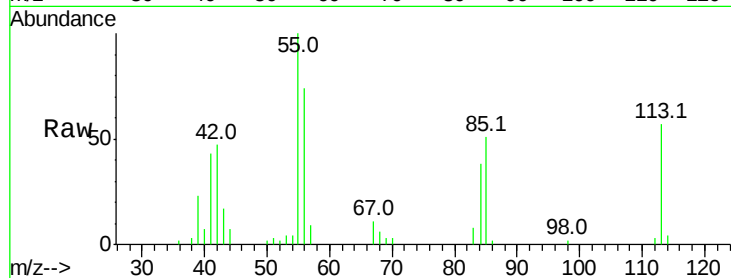
56 129.2 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 41.706 ng/mL

RT: 8.79 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

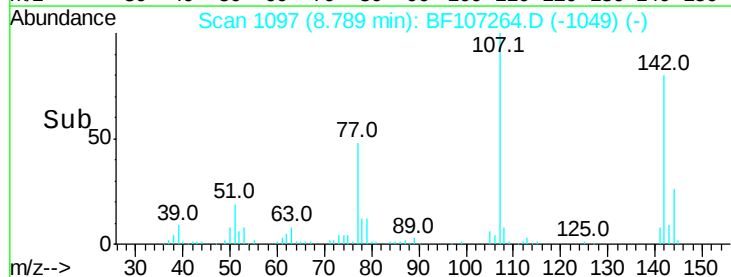
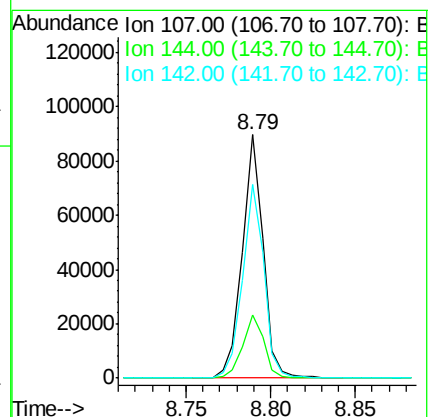
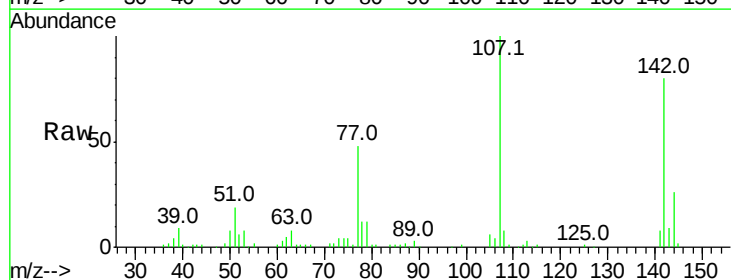
Tgt Ion:107 Resp: 76889

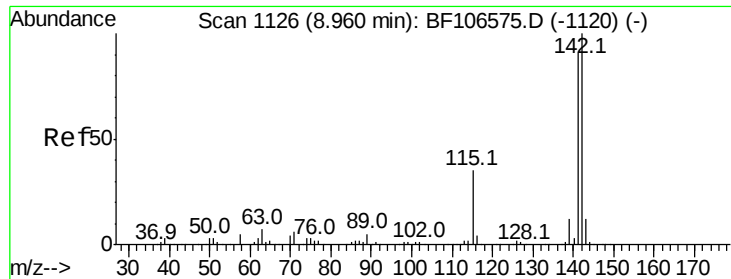
Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

142 79.6 62.0 93.0





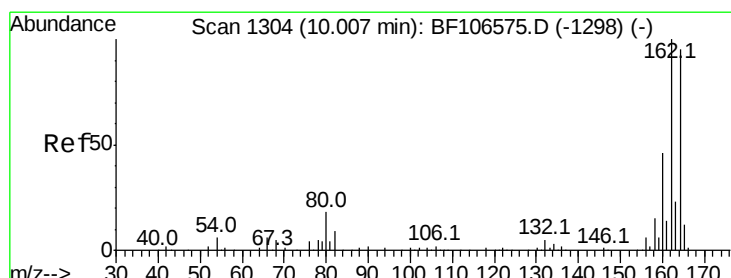
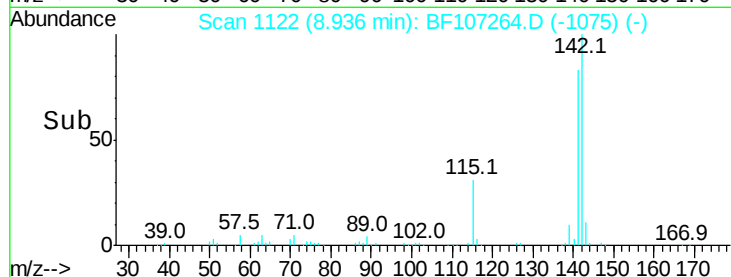
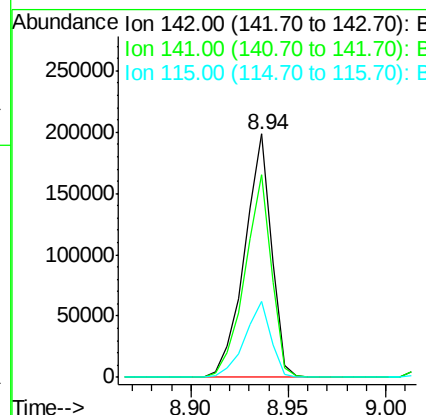
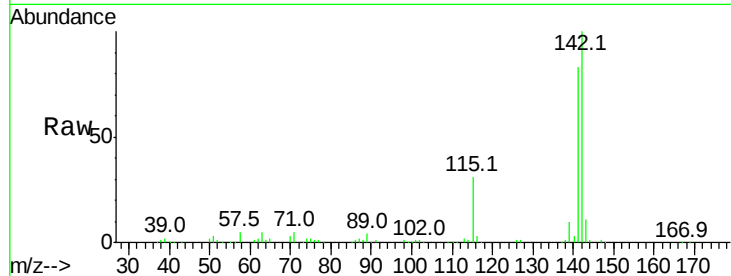
#37
2-Methylnaphthalene
Concen: 48.721 ng
RT: 8.94 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleID :
PB110879BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.2	70.8	106.2
115	31.3	26.1	39.1

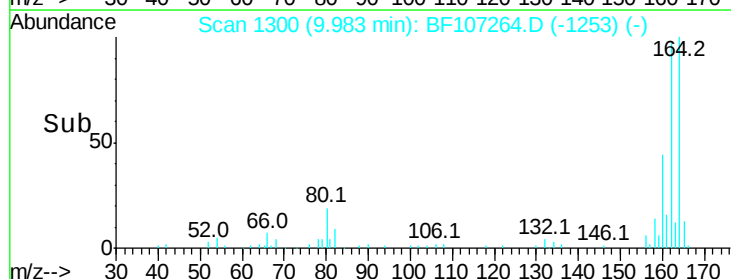
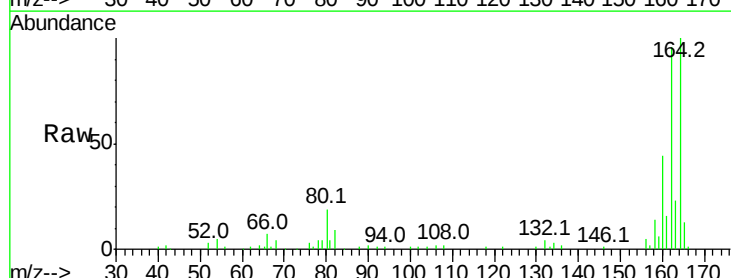
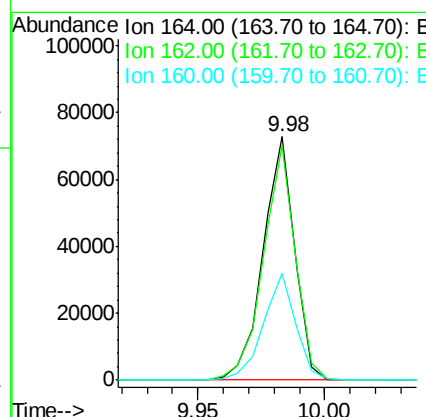
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	86.1	129.1
160	44.0	38.3	57.5





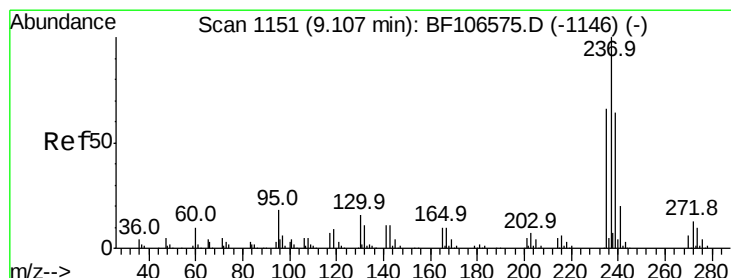
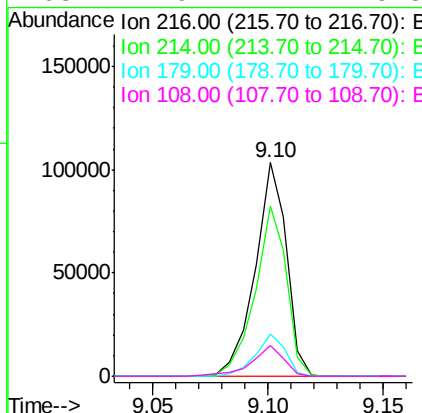
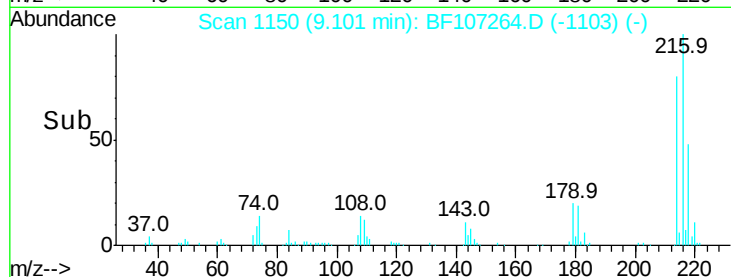
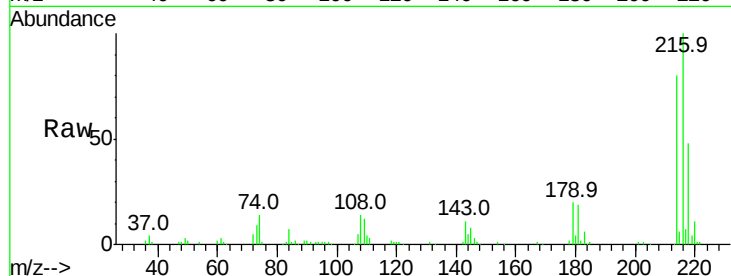
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.988 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	63.0	94.4	
179	19.0	18.1	27.1	
108	14.9	17.2	25.8	

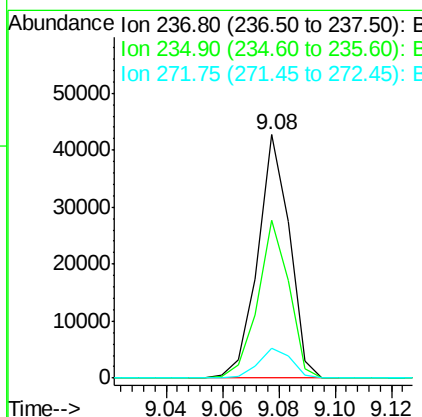
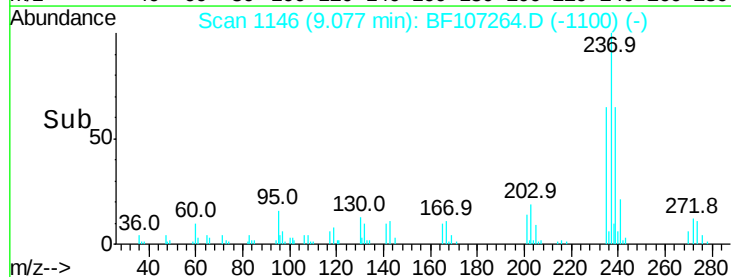
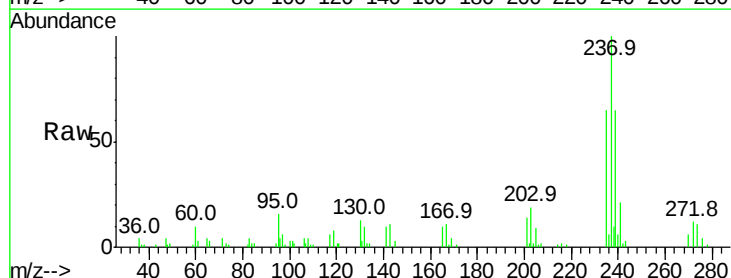
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#40
 Hexachlorocyclopentadiene
 Concen: 30.306 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.7	44.8	84.8	
272	12.4	0.0	33.3	





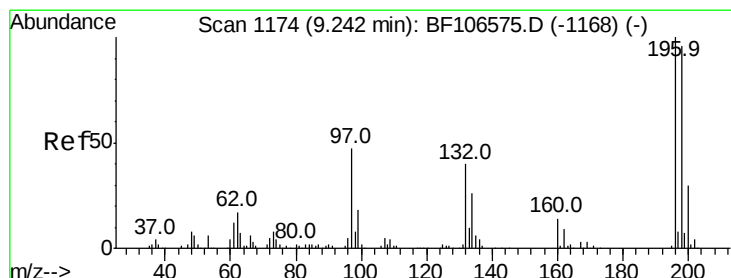
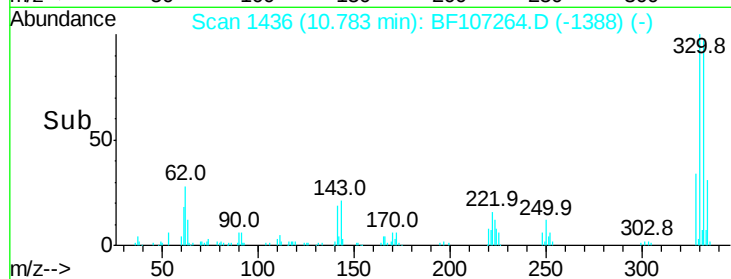
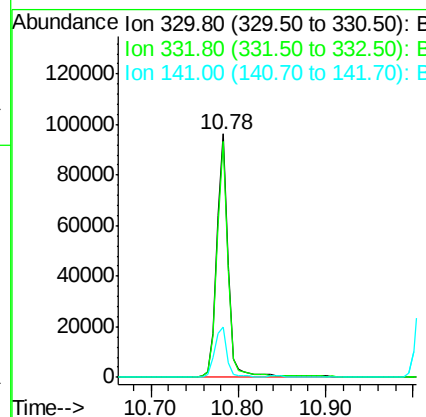
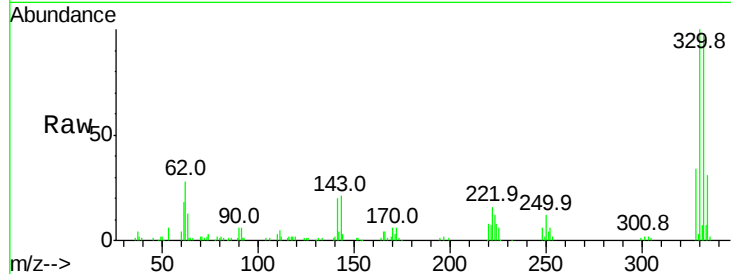
#41
 2,4,6-Tribromophenol
 Concen: 120.403 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.4	77.0	115.6	
141	22.2	29.9	44.9	

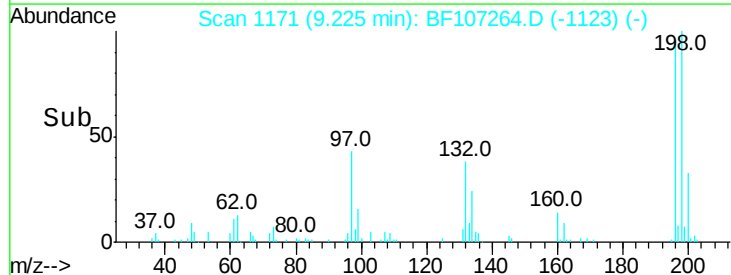
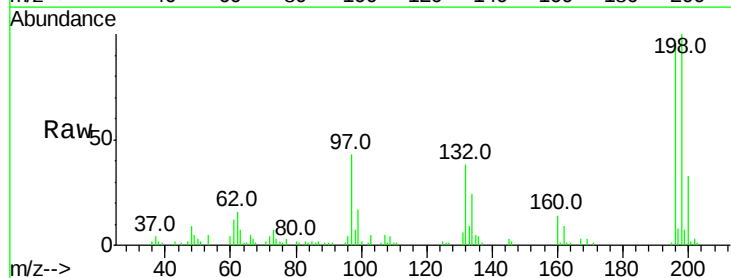
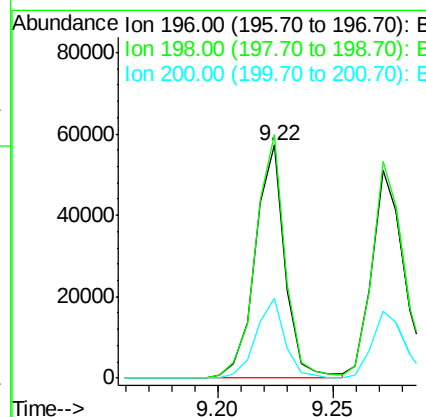
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#42
 2,4,6-Trichlorophenol
 Concen: 36.579 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	104.5	75.7	113.5	
200	34.2	24.5	36.7	





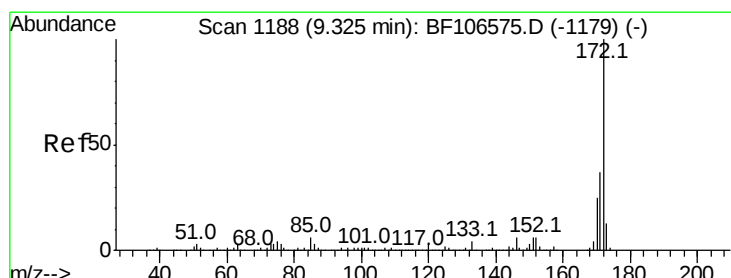
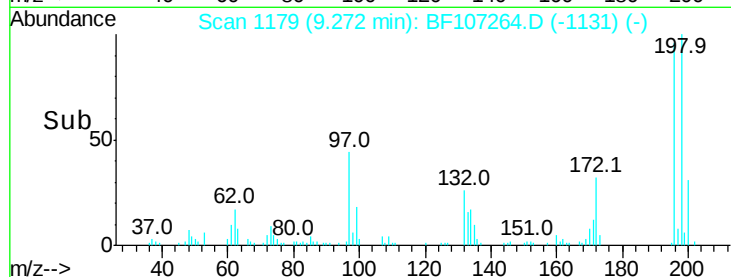
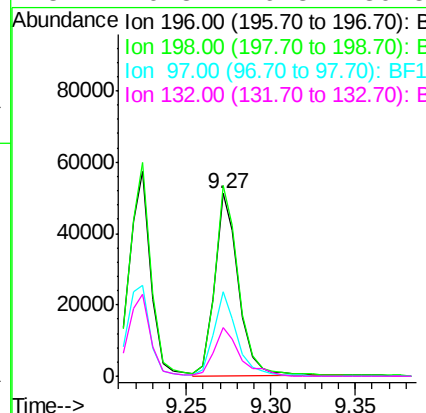
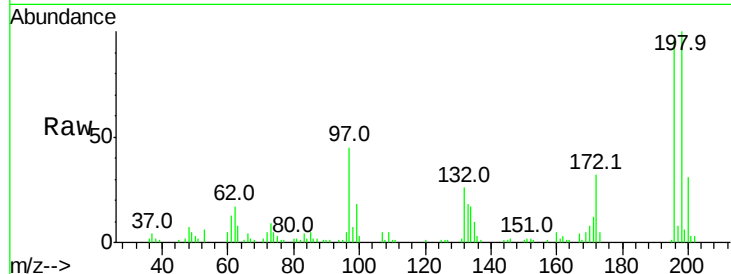
#43
 2,4,5-Trichlorophenol
 Concen: 33.851 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	50167		
198	104.2	74.6	112.0	
97	46.4	42.9	64.3	
132	26.8	26.3	39.5	

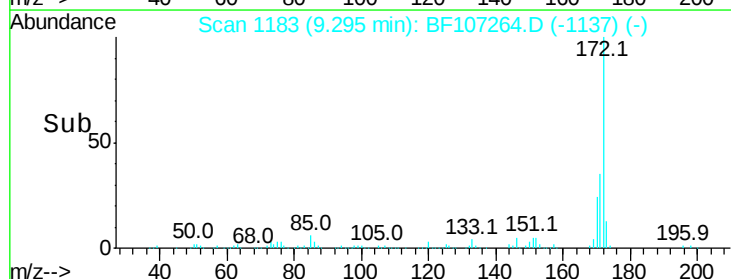
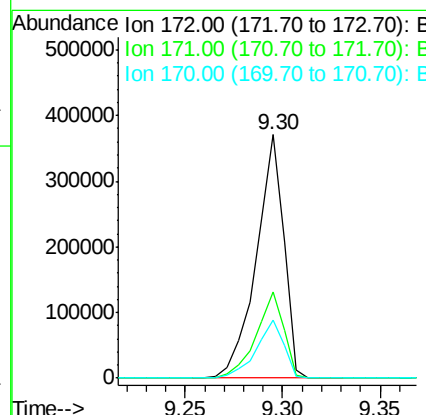
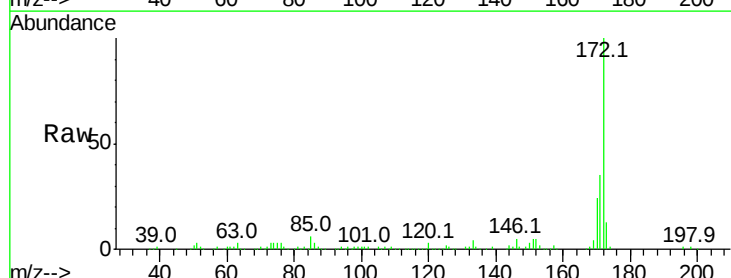
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#44
 2-Fluorobiphenyl
 Concen: 99.084 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	362238		
171	35.2	29.7	44.5	
170	23.7	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 44.617 ng

RT: 9.40 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

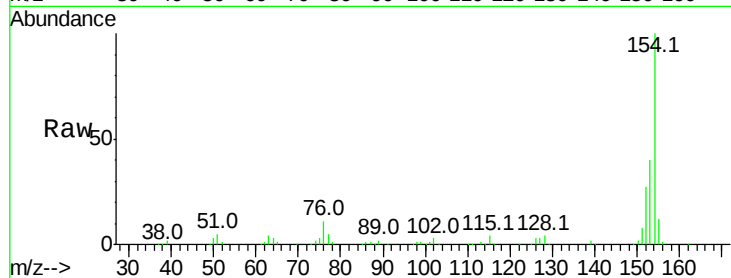
ClientSampleId :

PB110879BS

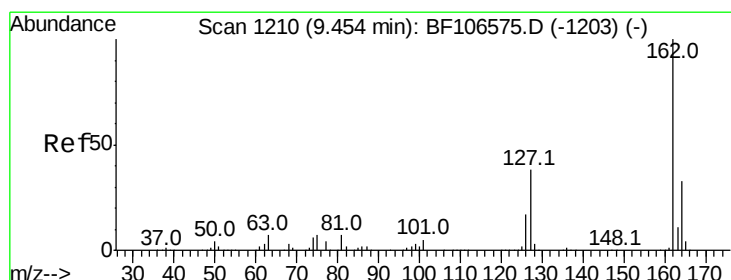
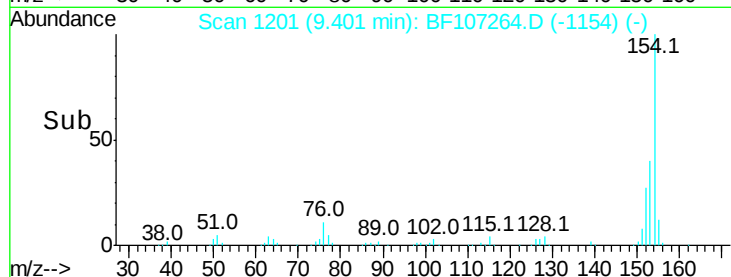
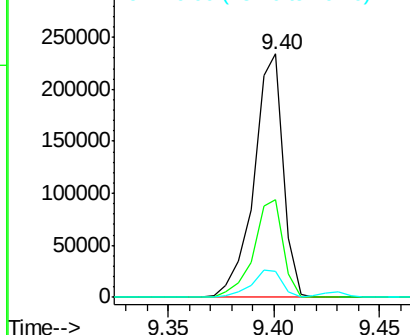
Tot Ion:	154	Resp:	22595
Ion Ratio	Lower	Upper	
154	100		
153	40.0	21.3	61.3
76	10.7	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.775 ng

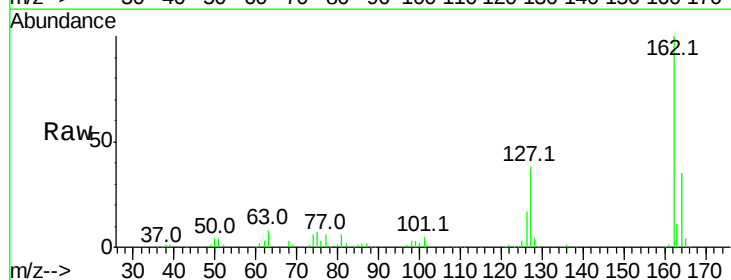
RT: 9.43 min Scan# 1206

Delta R.T. -0.02 min

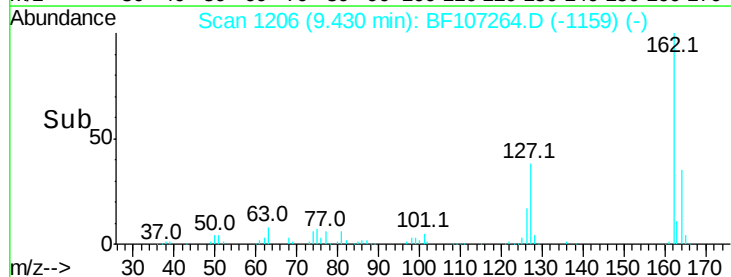
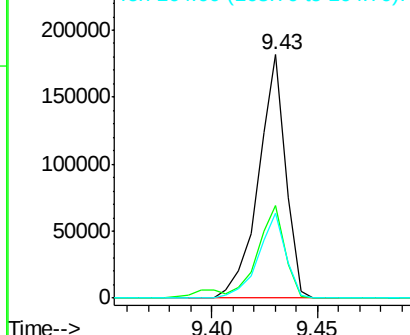
Lab File: BF107264.D

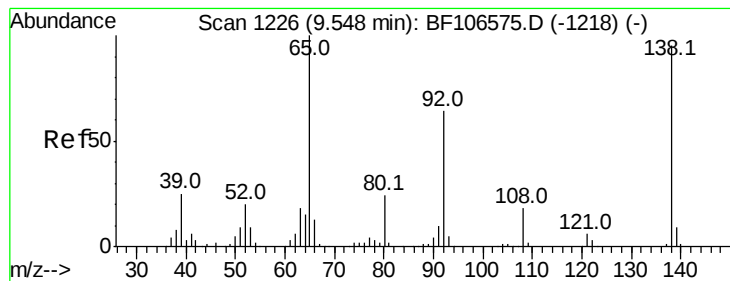
Acq: 10 Jul 2018 11:27

Tgt Ion:	162	Resp:	162284
Ion Ratio	Lower	Upper	
162	100		
127	37.8	33.9	50.9
164	34.8	26.5	39.7



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





#47

2-Nitroaniline

Concen: 35.772 ng

RT: 9.53 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tot Ion: 65 Resp: 47875

Ion Ratio Lower Upper

65 100

92 65.8 55.8 83.6

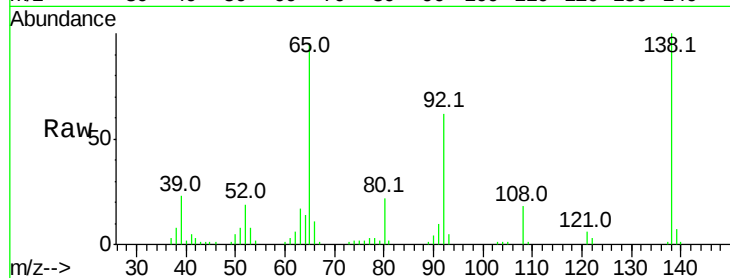
138 105.4 91.2 136.8

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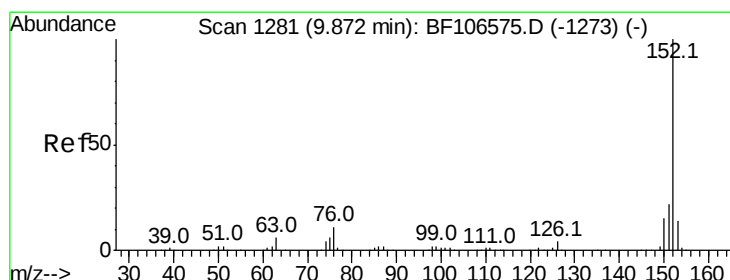
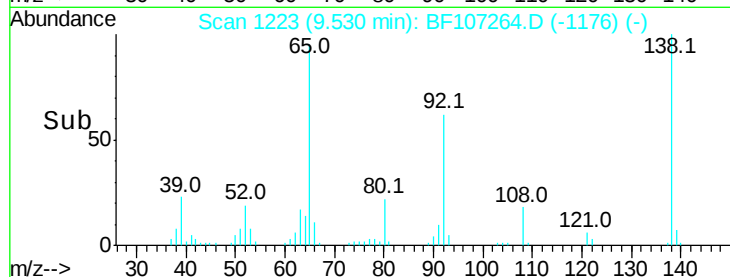
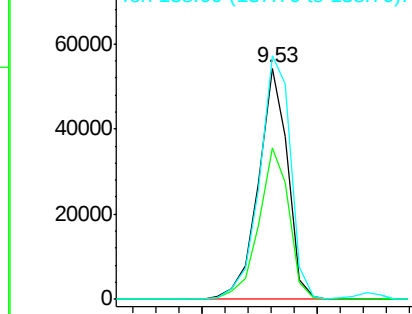
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Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 40.759 ng

RT: 9.85 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

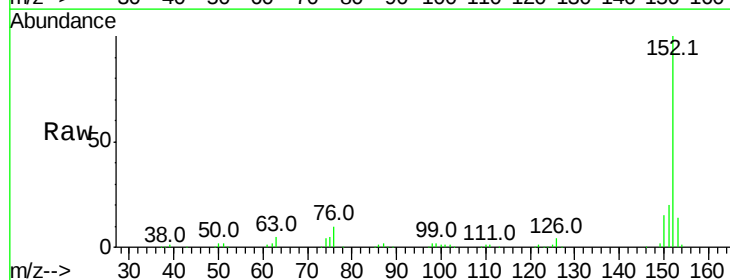
Tgt Ion: 152 Resp: 256115

Ion Ratio Lower Upper

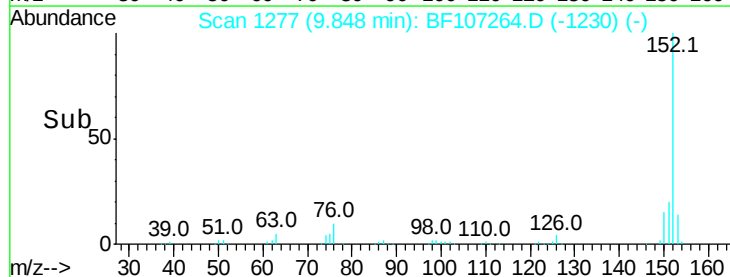
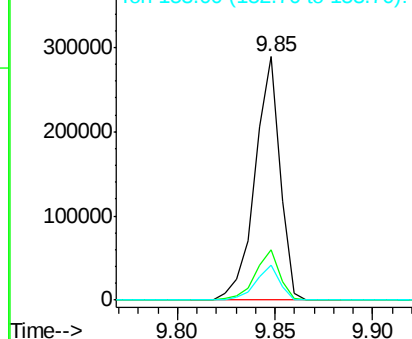
152 100

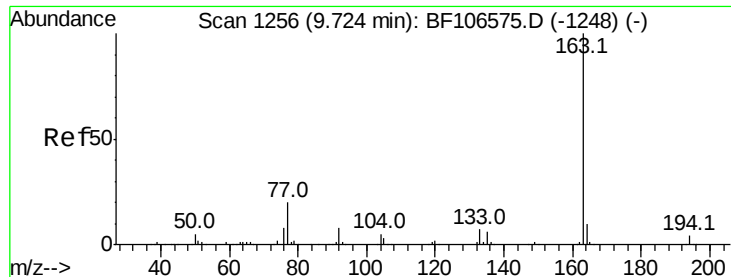
151 20.4 16.3 24.5

153 14.2 10.7 16.1



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





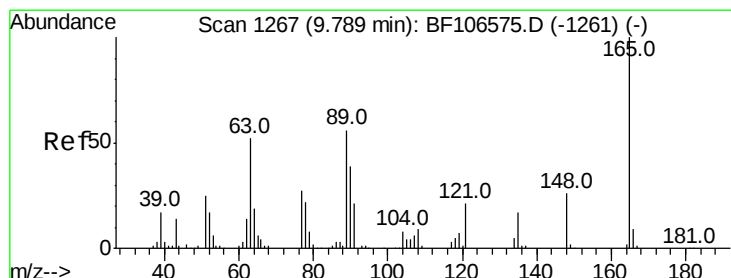
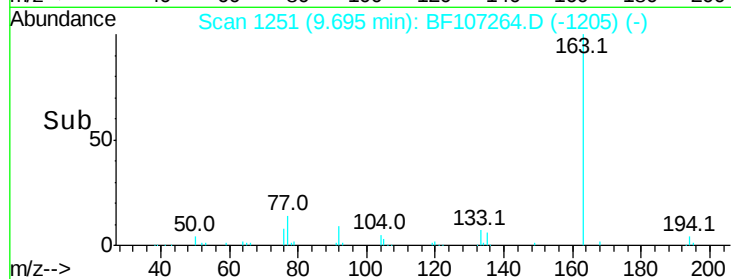
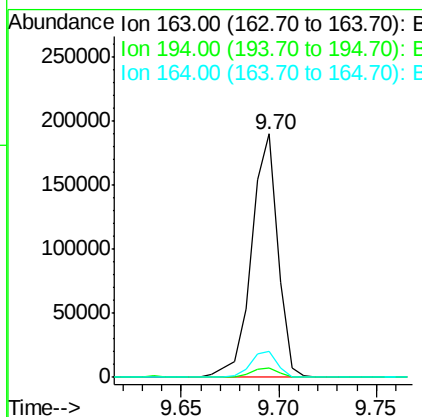
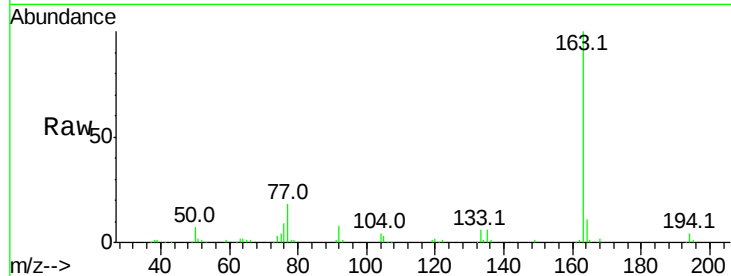
#49
Dimethylphthalate
Concen: 37.316 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.7	8.2	12.2	

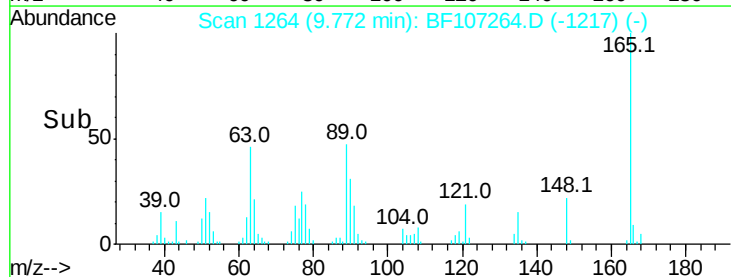
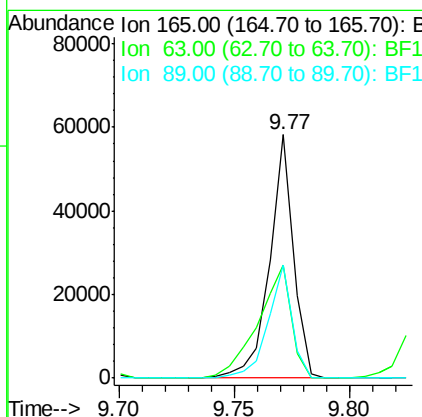
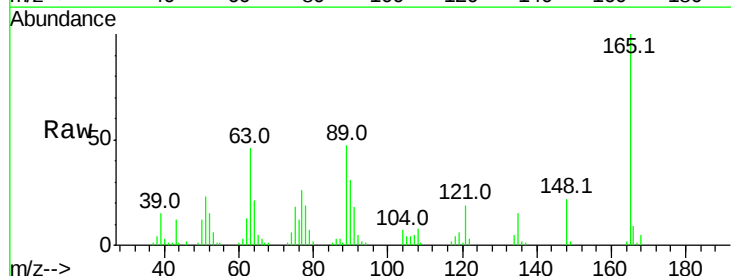
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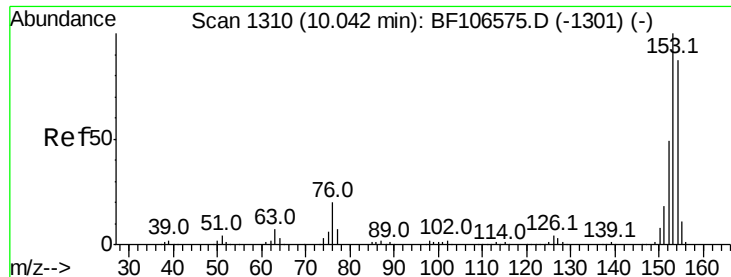
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#50
2,6-Dinitrotoluene
Concen: 41.570 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.3	44.7	67.1	
89	46.6	44.0	66.0	





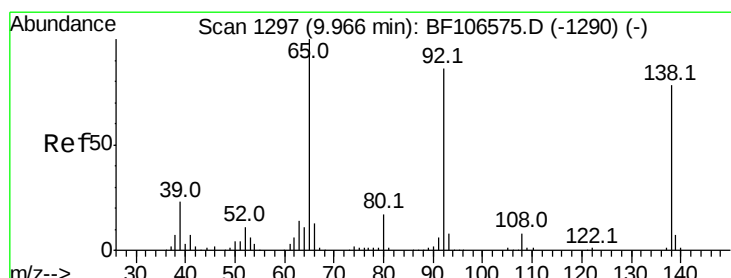
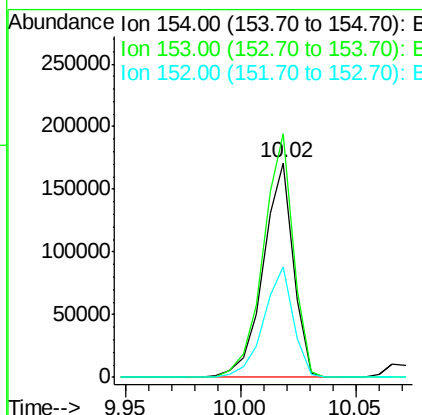
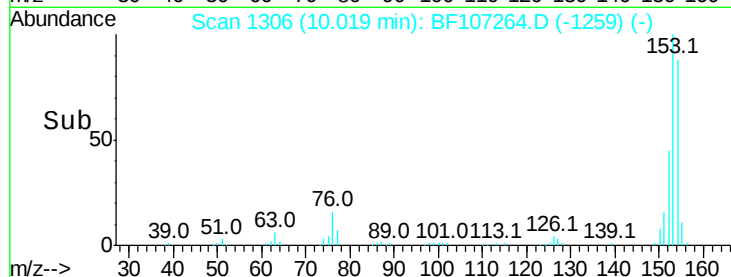
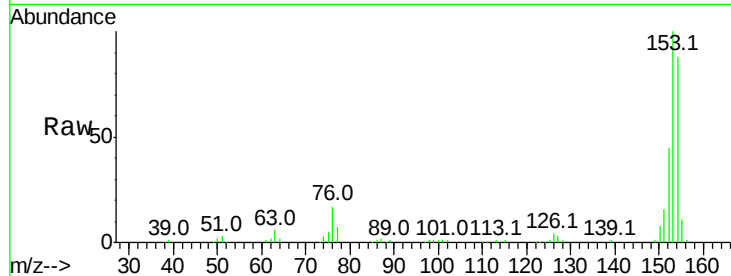
#51
Acenaphthene
Concen: 39.174 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampled :
PB110879BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.2	136.8
152	51.3	43.8	65.8

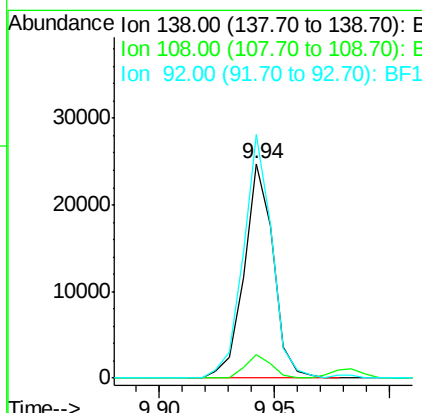
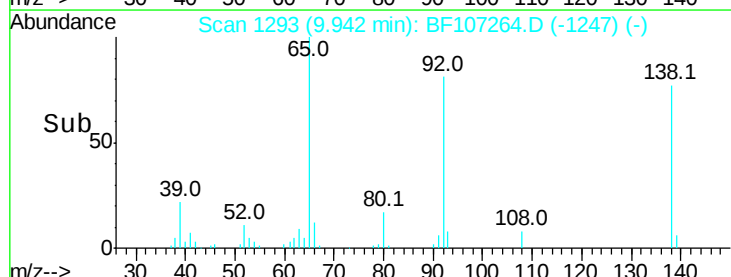
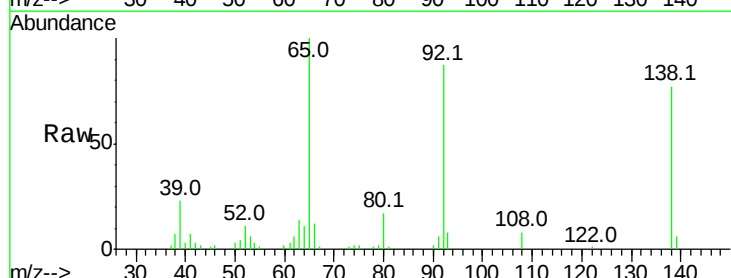
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#52
3-Nitroaniline
Concen: 18.853 ng
RT: 9.94 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	113.6	89.4	134.2





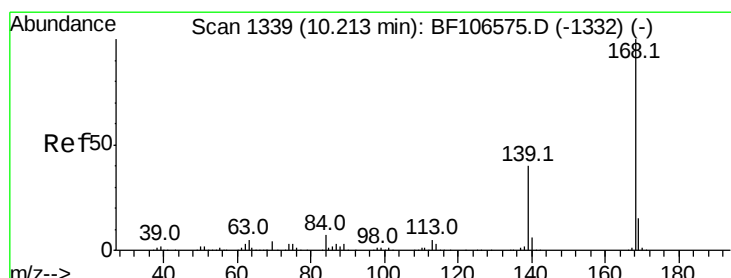
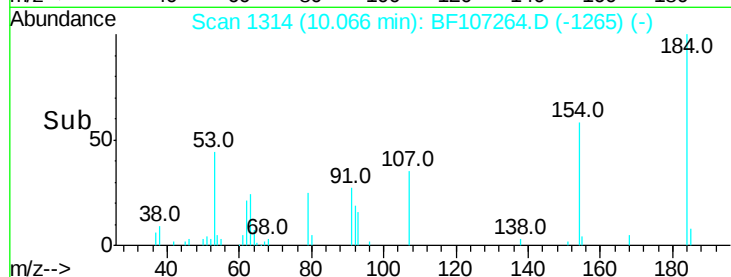
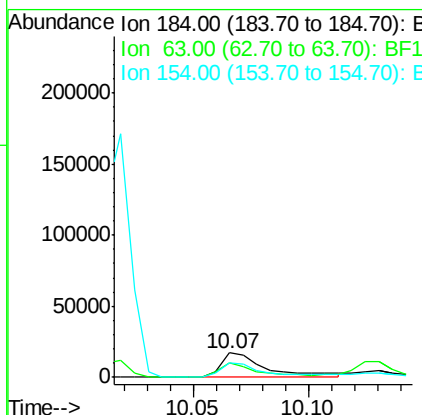
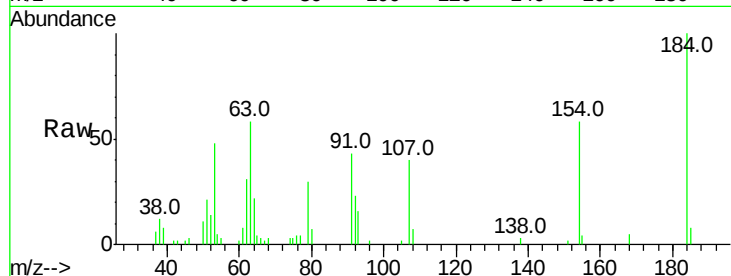
#53
2,4-Dinitrophenol
Concen: 46.930 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.4	54.2	81.2
154	58.2	184.0	276.0#

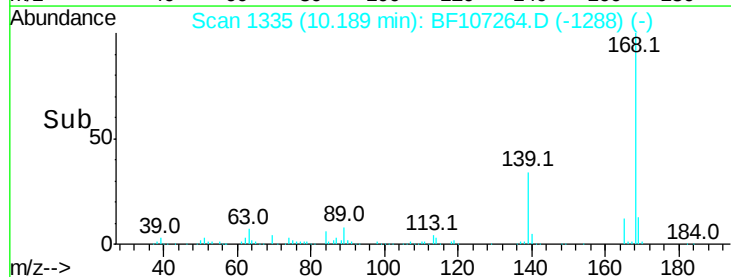
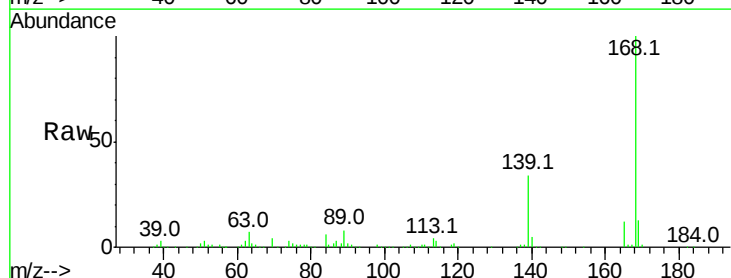
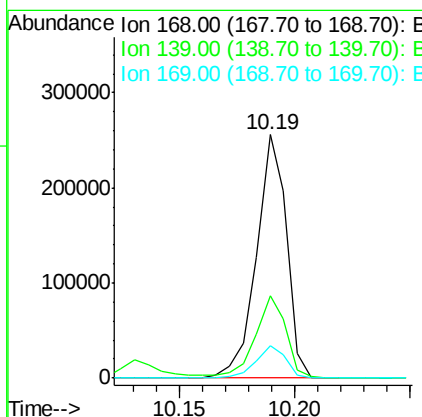
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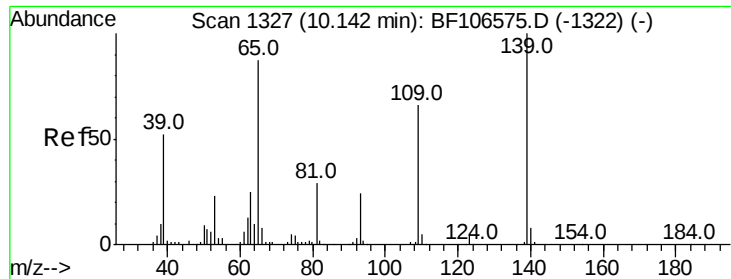
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#54
Dibenzofuran
Concen: 42.922 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.9	30.1	45.1
169	13.2	10.9	16.3





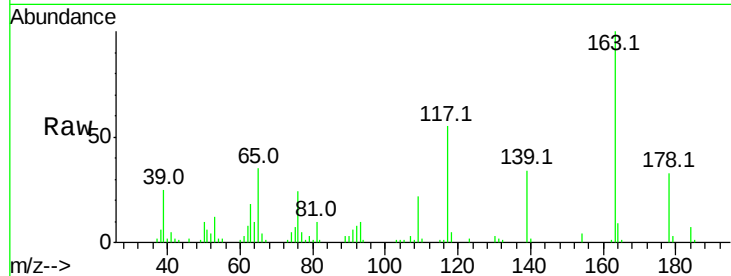
#55
4-Nitrophenol
Concen: 26.379 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	21350		
109	65.3	48.4	88.4	
65	103.9	72.6	112.6	

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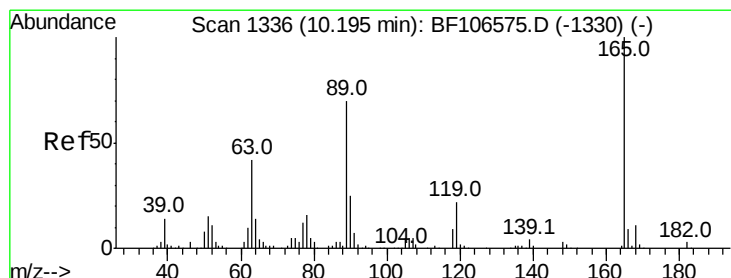
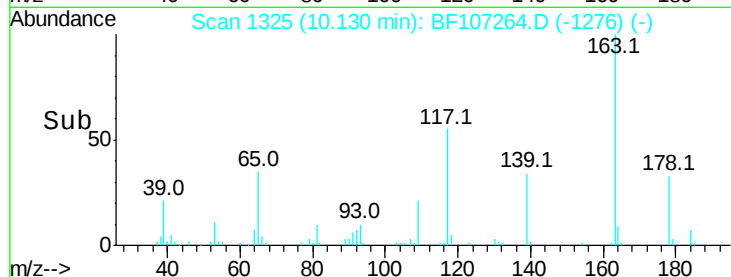
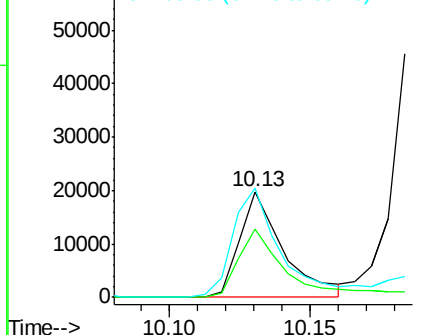


Abundance

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



#56
2,4-Dinitrotoluene
Concen: 39.262 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	51638		
63	45.8	36.4	54.6	
89	65.5	57.8	86.6	
182	2.2	1.6	2.4	

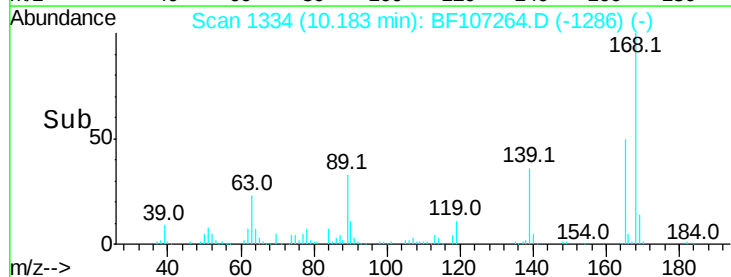
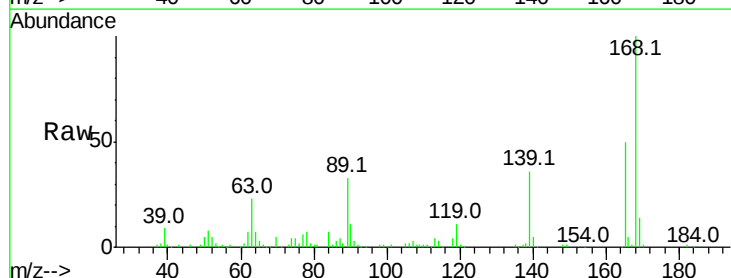
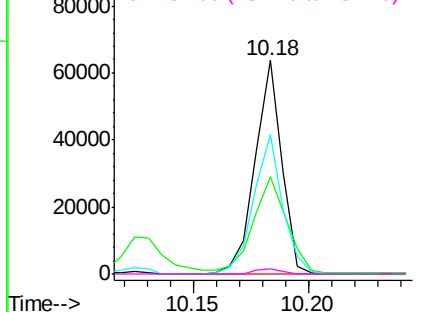
Abundance

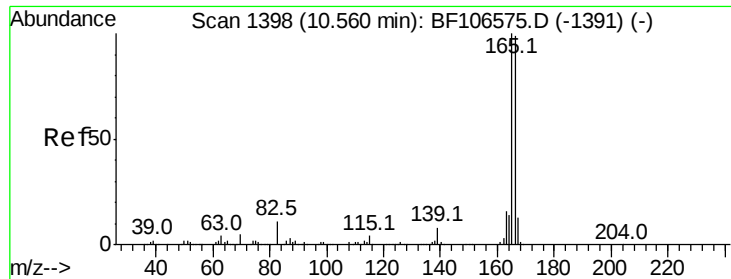
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





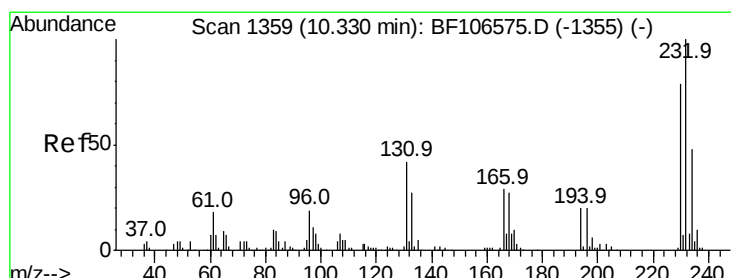
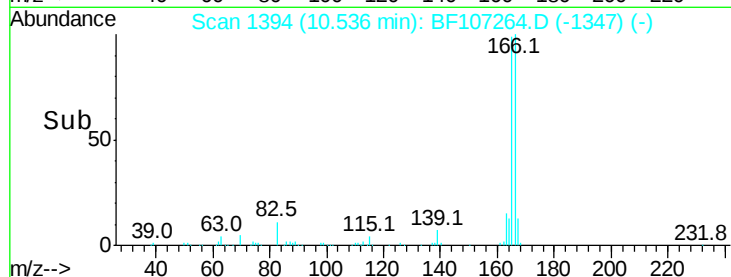
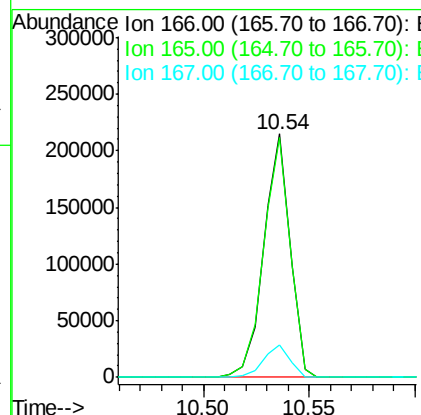
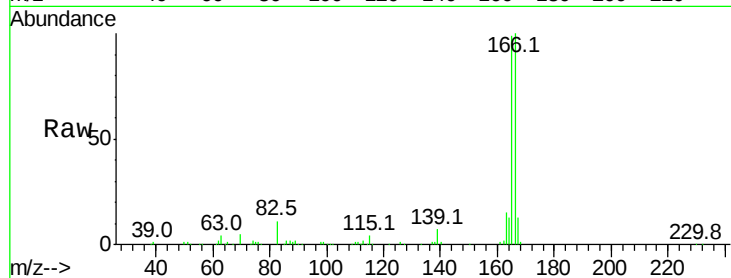
#57
 Fluorene
 Concen: 43.438 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	186763		
165	98.6	79.8	119.8	
167	13.1	10.6	16.0	

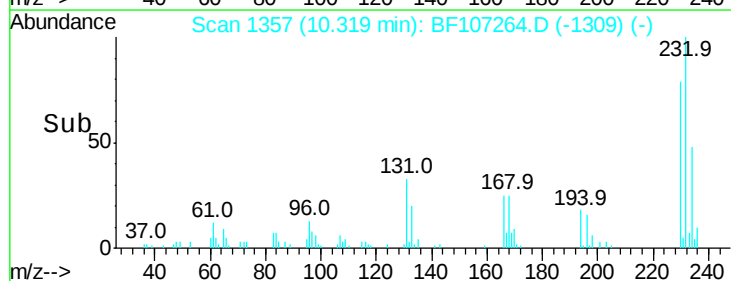
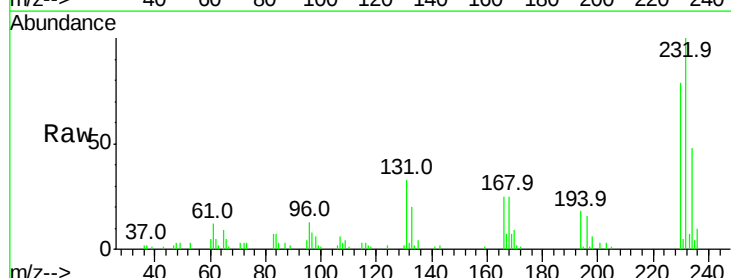
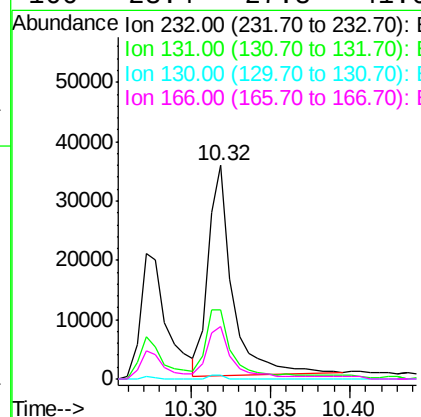
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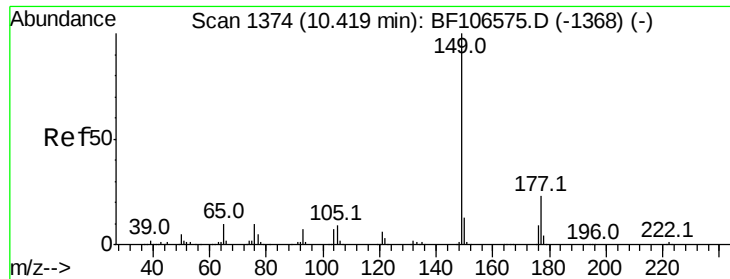
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.274 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	38021		
131	33.3	43.8	65.8#	
130	1.1	2.1	3.1#	
166	23.4	27.8	41.6#	





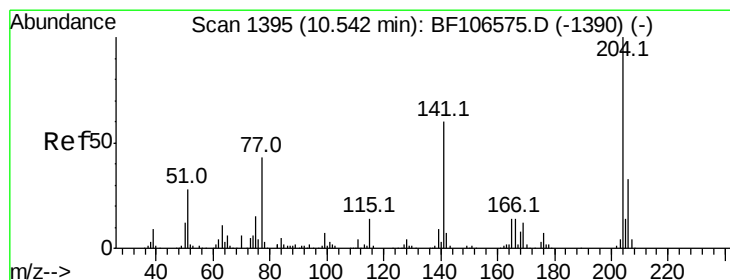
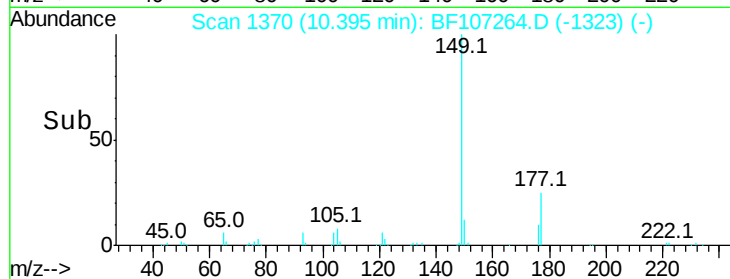
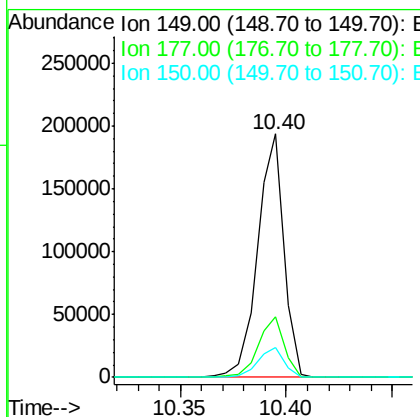
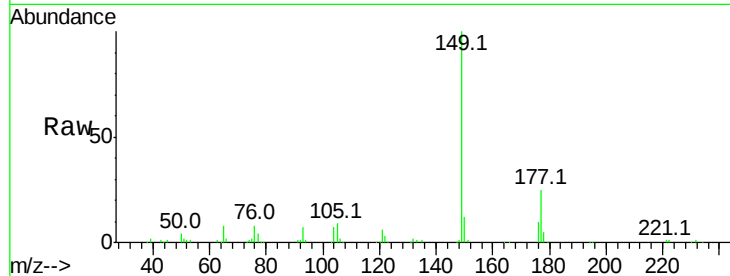
#59
Diethylphthalate
Concen: 36.499 ng
RT: 10.40 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampled :
PB110879BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.7	16.1	24.1#
150	12.0	10.1	15.1

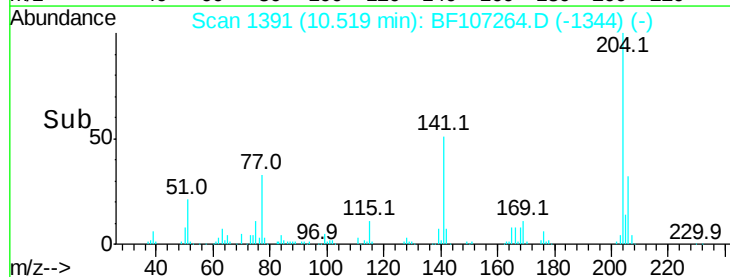
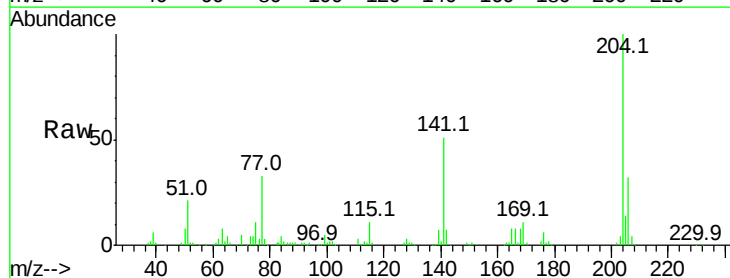
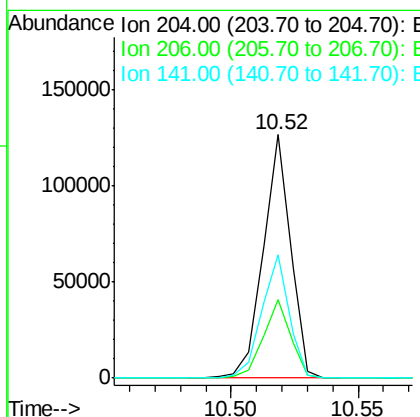
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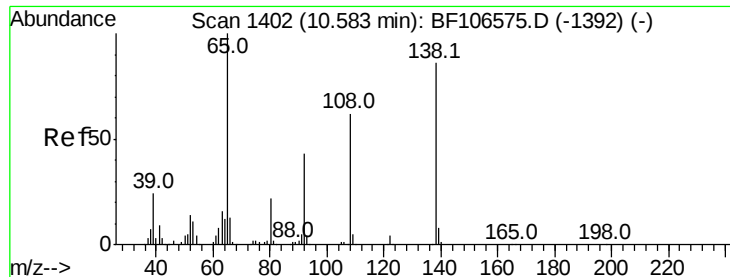
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#60
4-Chlorophenyl-phenylether
Concen: 42.788 ng
RT: 10.52 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	50.6	54.6	81.8#





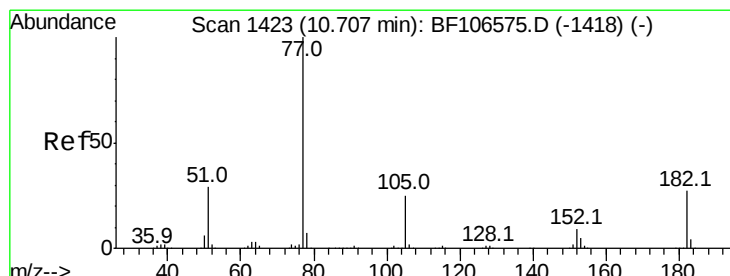
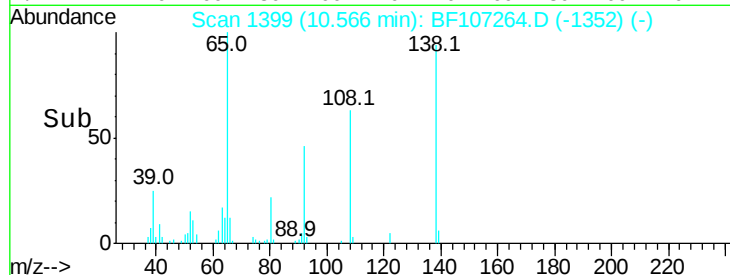
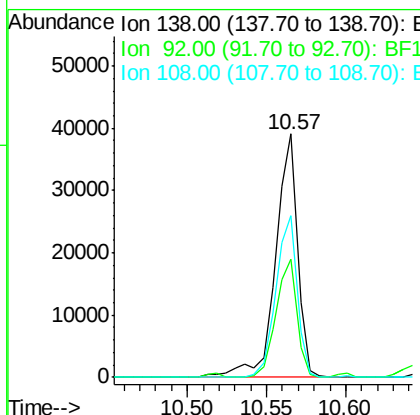
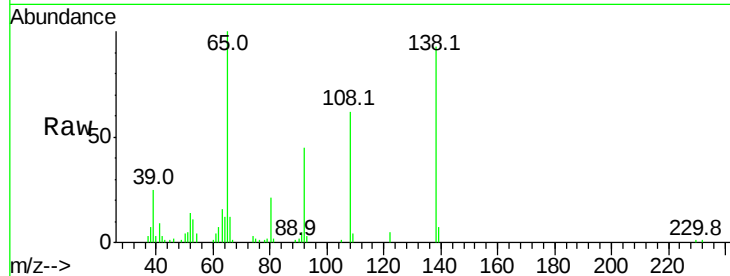
#61
4-Nitroaniline
Concen: 33.028 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.4	30.2	70.2
108	66.4	52.5	92.5

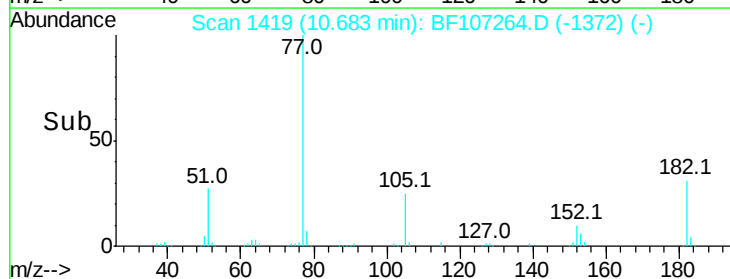
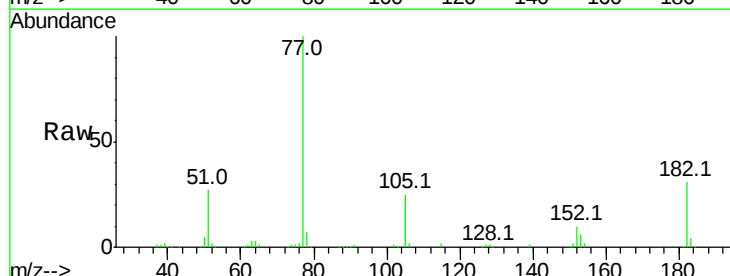
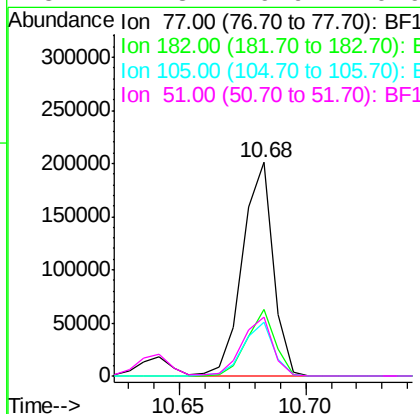
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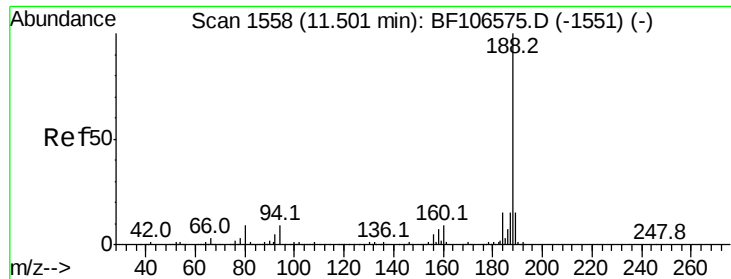
Sohil
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#62
Azobenzene
Concen: 37.339 ng
RT: 10.68 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.9	1.7	41.7
105	25.0	3.0	43.0
51	27.3	9.9	49.9





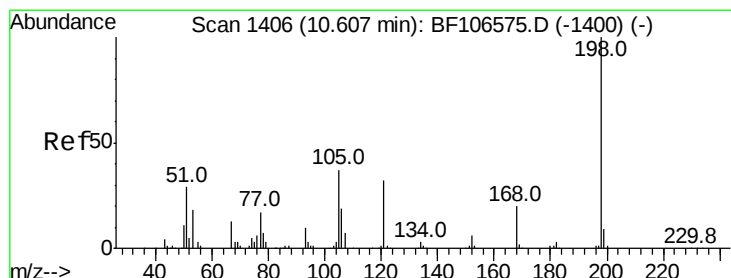
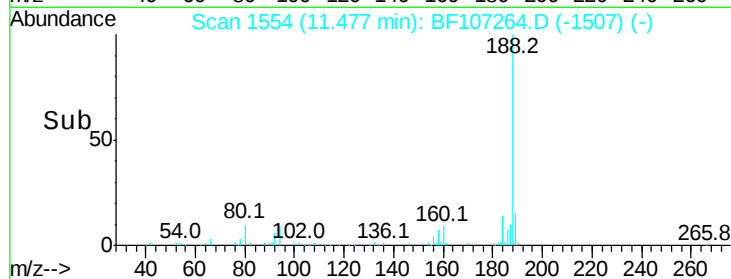
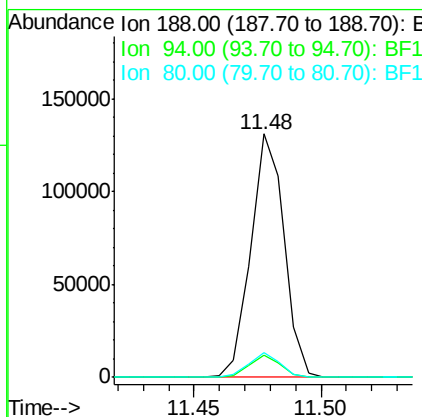
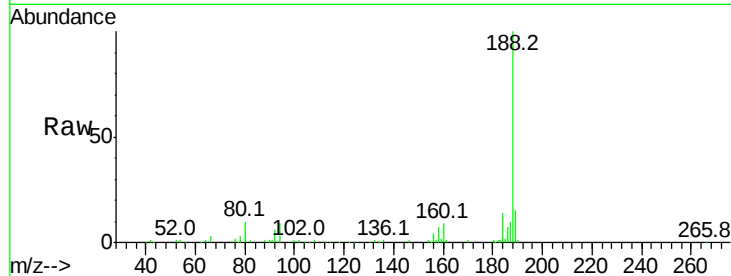
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	119645		
94	9.4		8.5	12.7
80	10.3		9.2	13.8

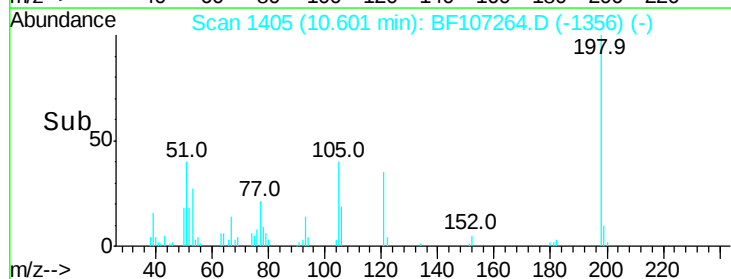
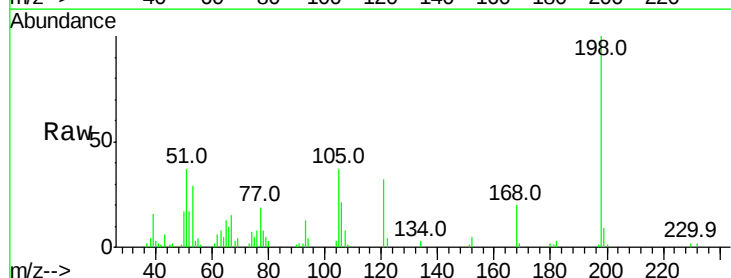
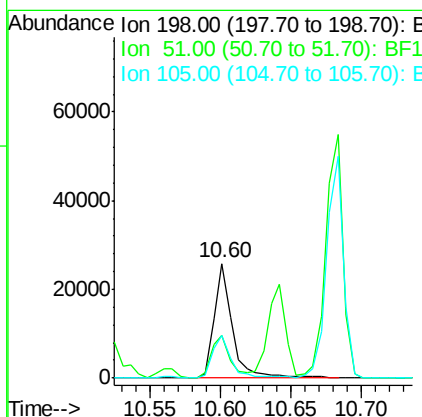
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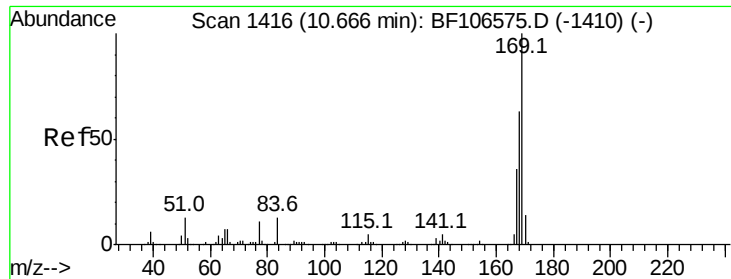
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.414 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	23233		
51	36.8		37.7	77.7#
105	37.4		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 38.571 ng

RT: 10.64 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

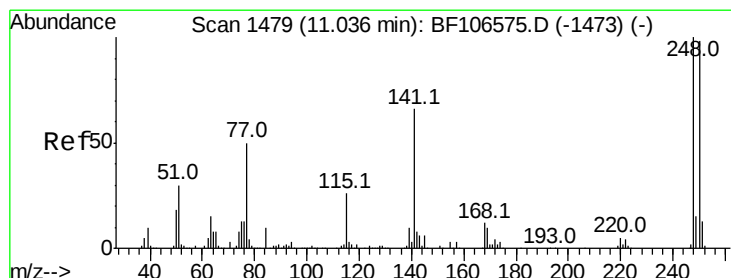
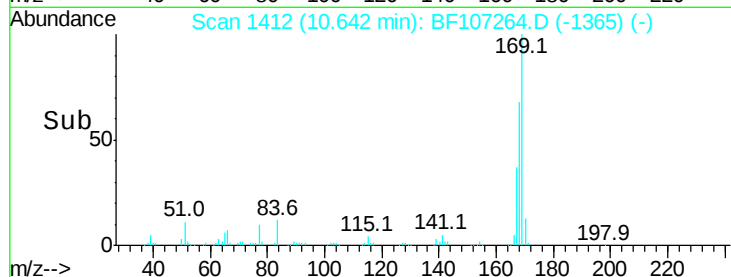
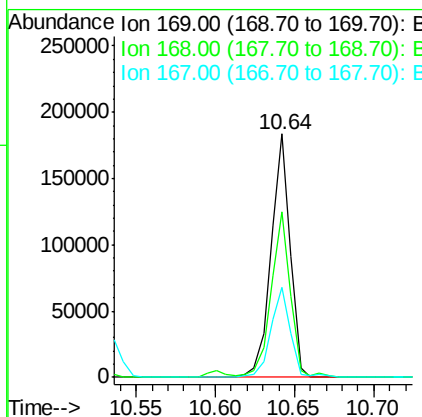
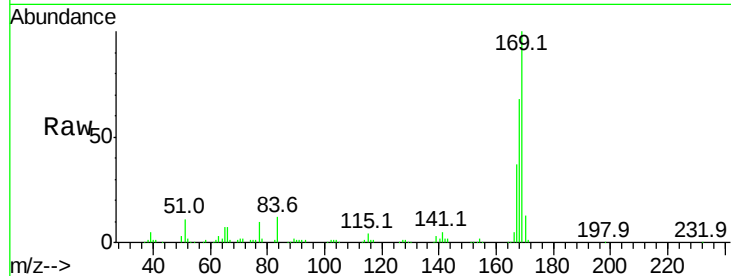
ClientSampleId :

PB110879BS

Tot Ion:	169	Resp:	155221
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.4	81.6
167	37.1	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 43.713 ng

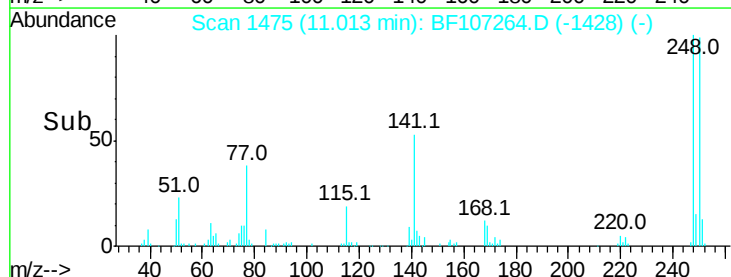
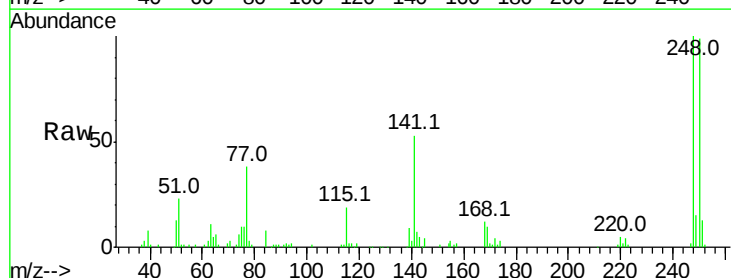
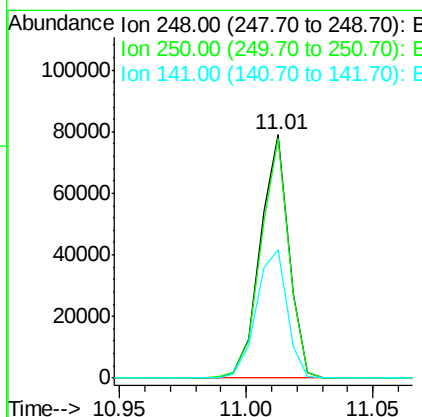
RT: 11.01 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Tgt Ion:	248	Resp:	62417
Ion Ratio	Lower	Upper	
248	100		
250	98.7	76.9	115.3
141	52.8	74.4	111.6#





#67

Hexachlorobenzene

Concen: 44.294 ng

RT: 11.09 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

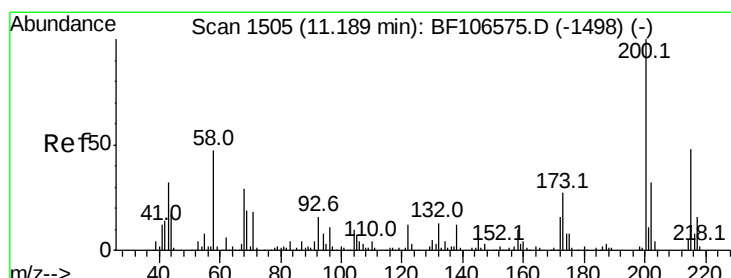
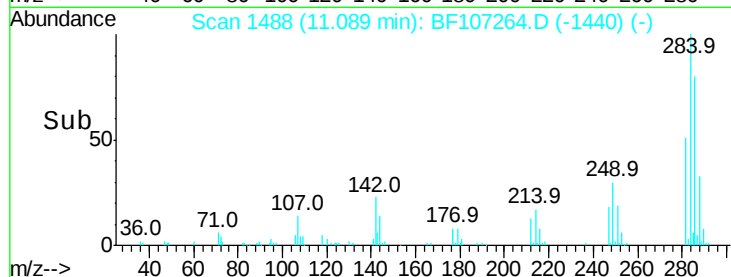
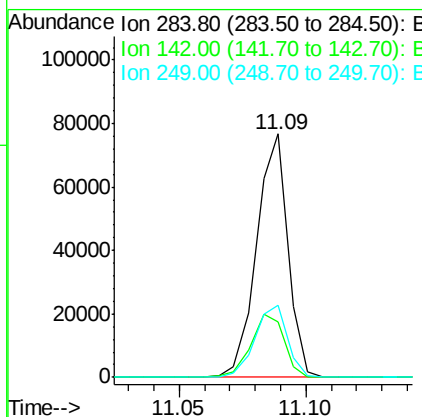
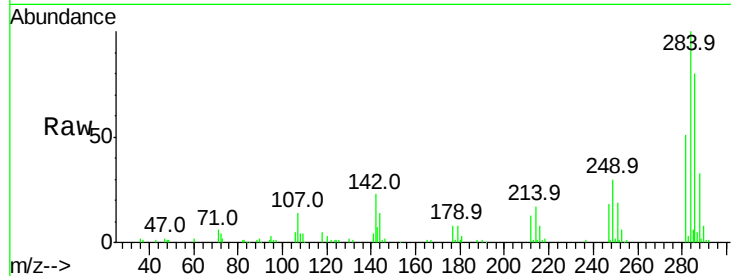
ClientSampleId :

PB110879BS

Tot Ion:	284	Resp:	66197
Ion Ratio	Lower	Upper	
284	100		
142	22.8	34.6	52.0#
249	29.7	24.8	37.2

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#68

Atrazine

Concen: 40.229 ng

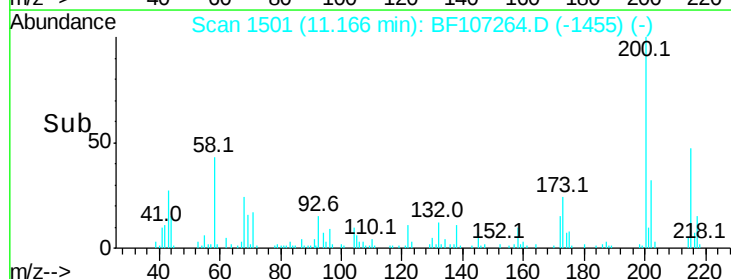
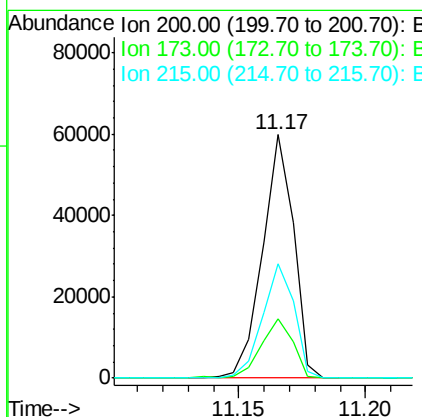
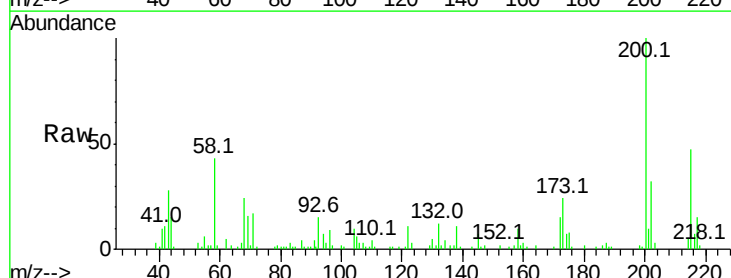
RT: 11.17 min Scan# 1501

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Tgt Ion:	200	Resp:	51466
Ion Ratio	Lower	Upper	
200	100		
173	24.1	8.6	48.6
215	46.9	25.1	65.1





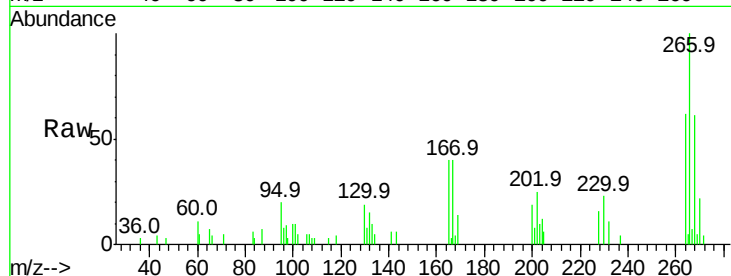
#69
 Pentachlorophenol
 Concen: 24.973 ng/mL
 RT: 11.29 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleID :
 PB110879BS

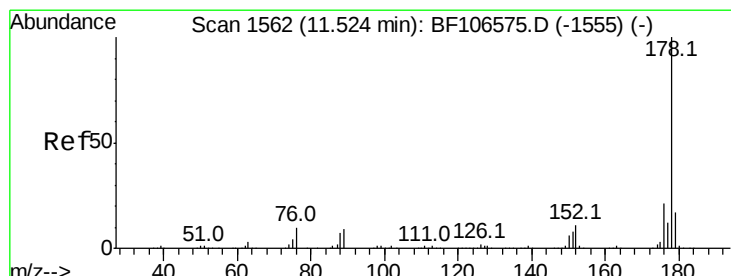
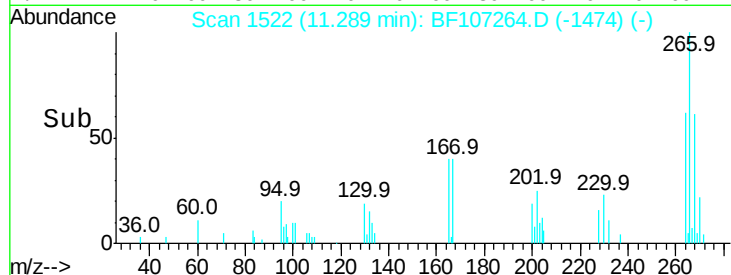
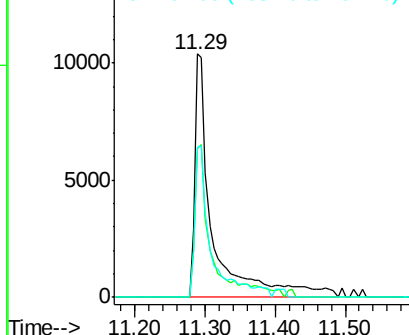
Tot Ion:	266	Resp:	18622
Ion Ratio	Lower	Upper	
266	100		
268	61.0	51.1	76.7
264	61.8	49.5	74.3

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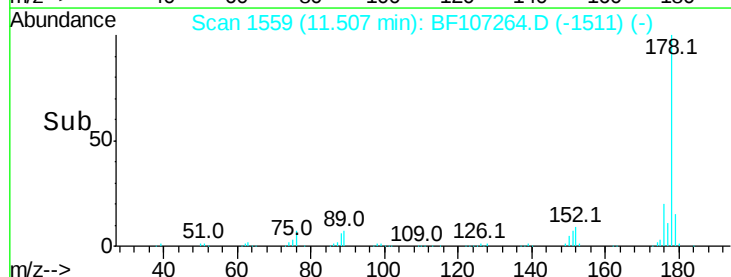
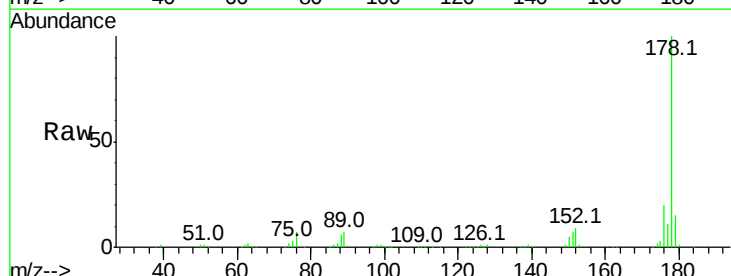
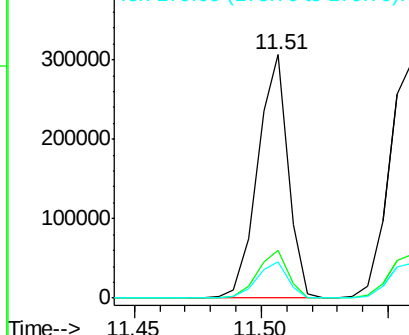
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

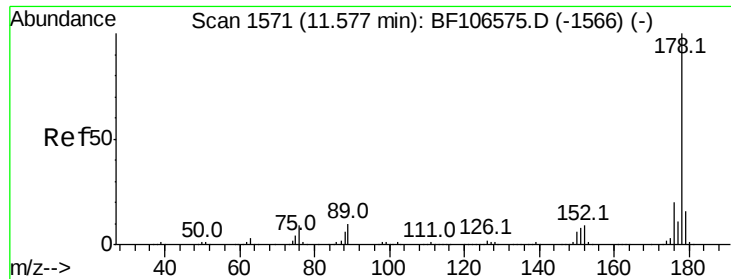


#70
 Phenanthrene
 Concen: 44.511 ng/mL
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion:	178	Resp:	256861
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	15.0	13.0	19.6

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





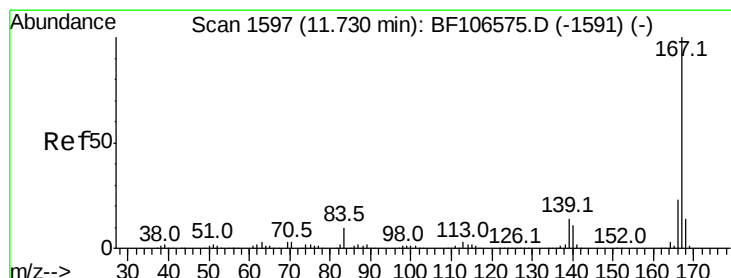
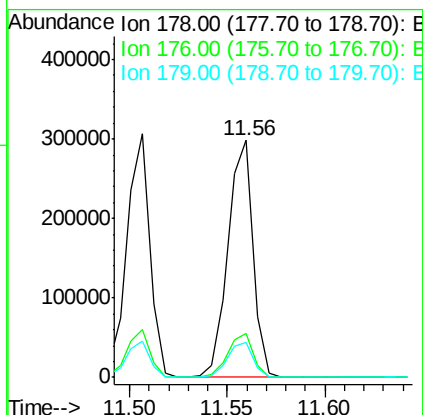
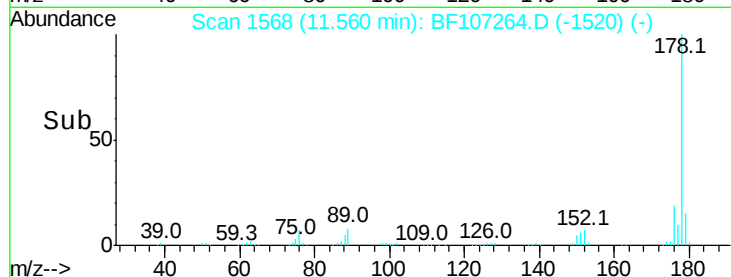
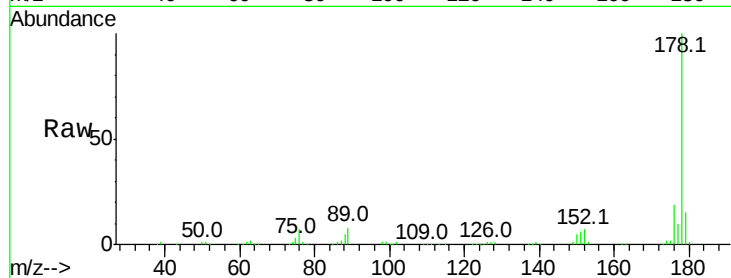
#71
 Anthracene
 Concen: 45.141 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.6	12.6	19.0

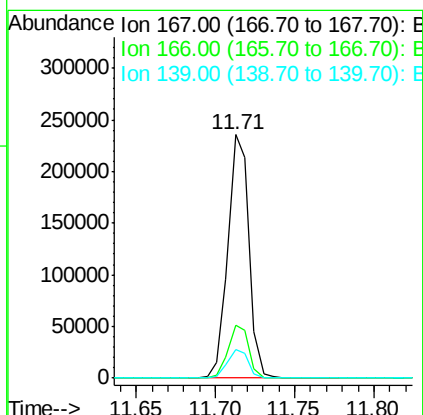
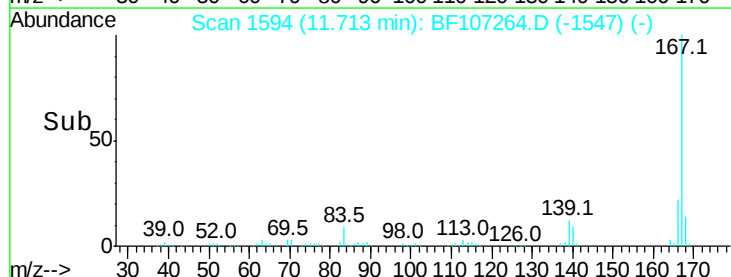
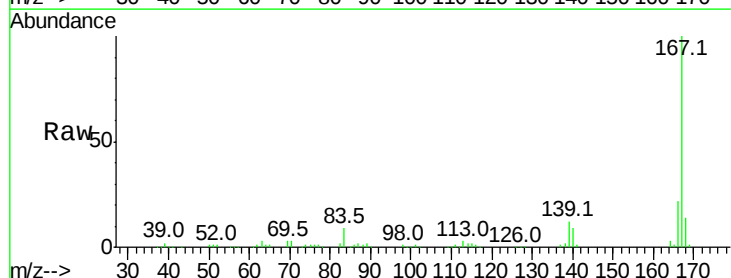
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#72
 Carbazole
 Concen: 39.330 ng
 RT: 11.71 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	11.7	10.9	16.3





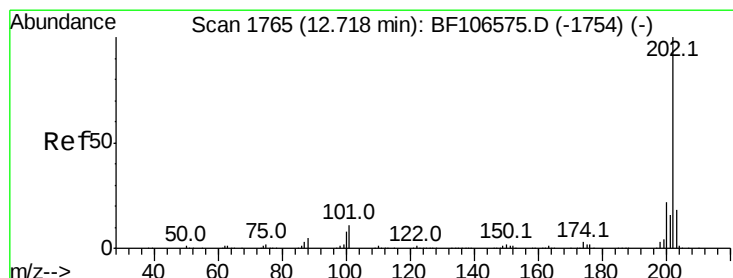
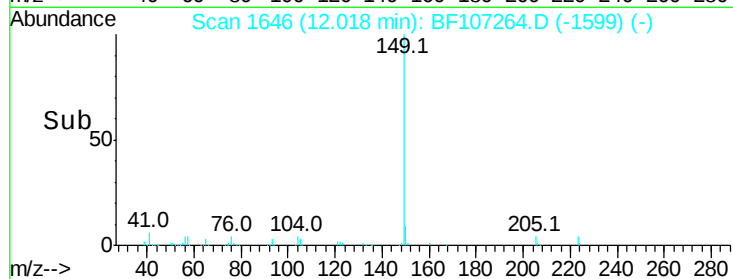
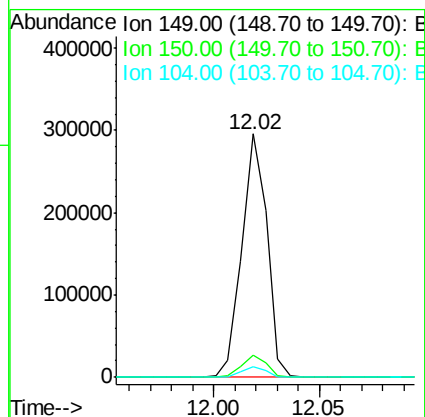
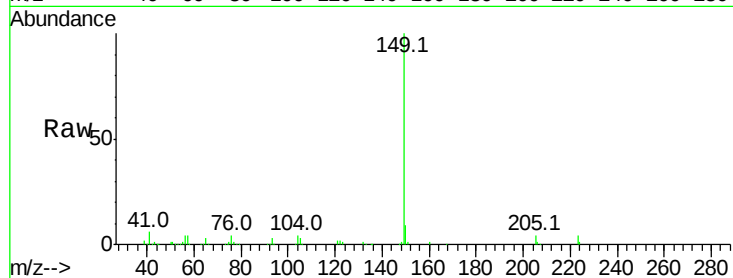
#73
Di-n-butylphthalate
Concen: 37.269 ng
RT: 12.02 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion:	149	Resp:	242128
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.4	3.8	5.8

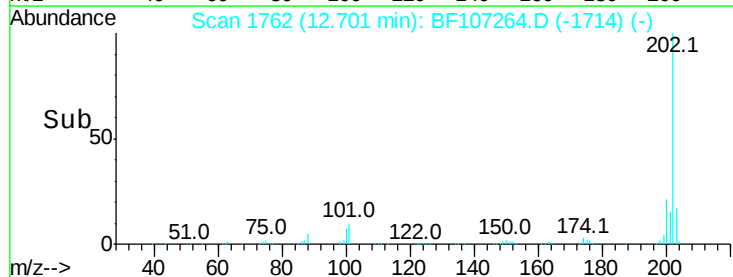
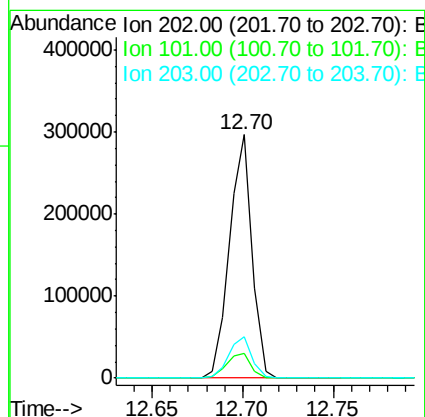
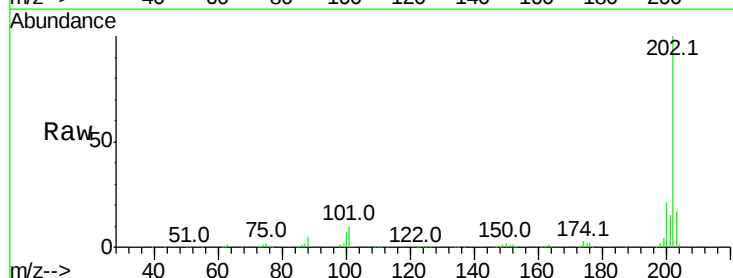
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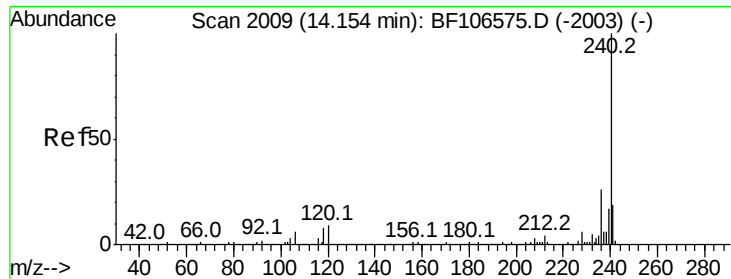
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#74
Fluoranthene
Concen: 40.334 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion:	202	Resp:	256544
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tot Ion:240 Resp: 81875

Ion Ratio Lower Upper

240 100

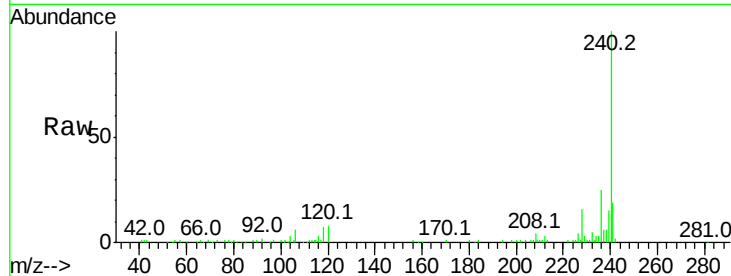
120 8.3 9.5 14.3#

236 25.2 20.7 31.1

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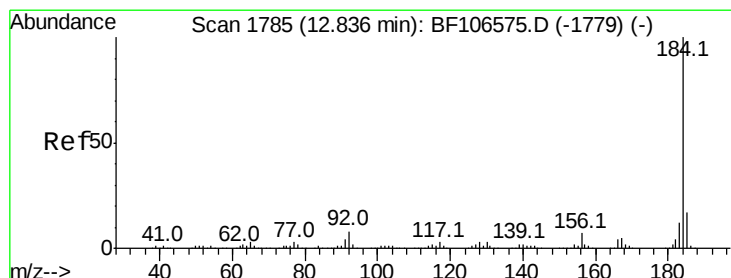
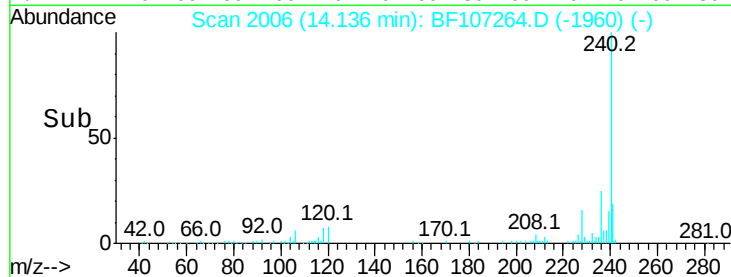
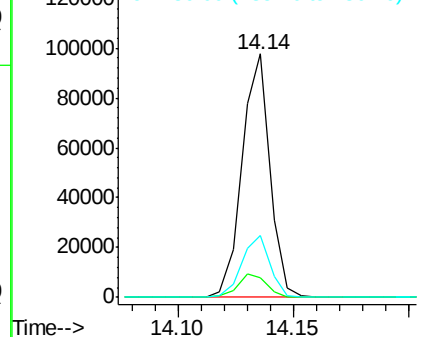
7/11/2018 11:22:22 AM



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



#76

Benzidine

Concen: 31.563 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

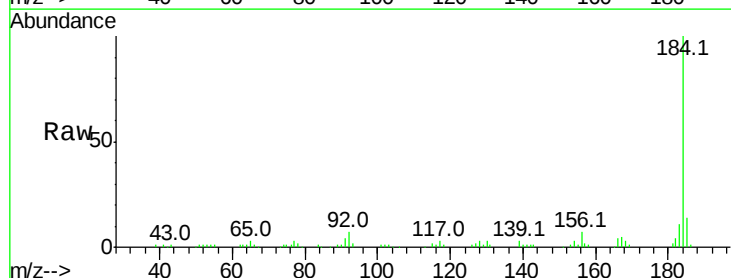
Tgt Ion:184 Resp: 73598

Ion Ratio Lower Upper

184 100

185 13.6 12.6 18.8

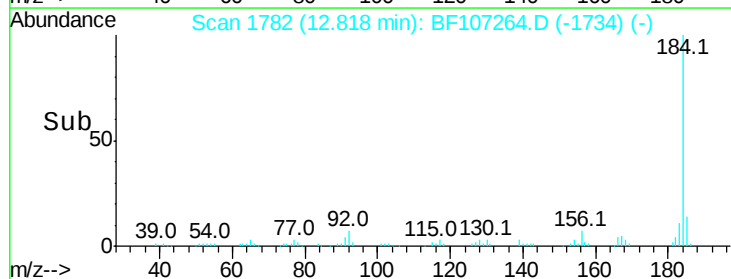
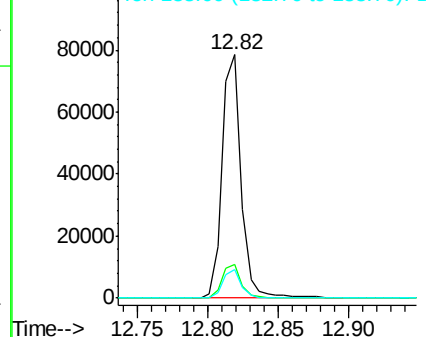
183 11.5 9.3 13.9

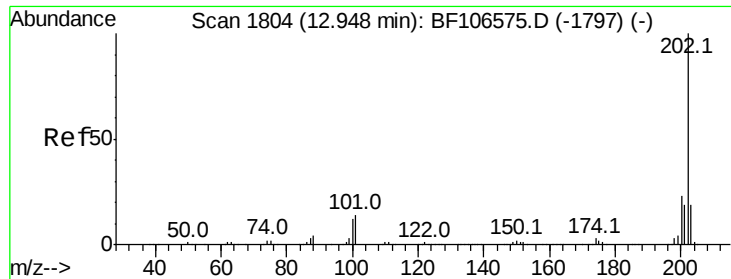


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





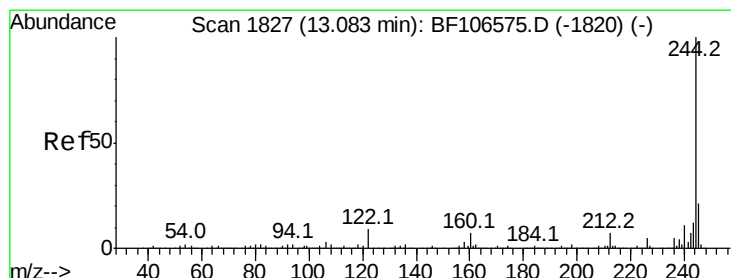
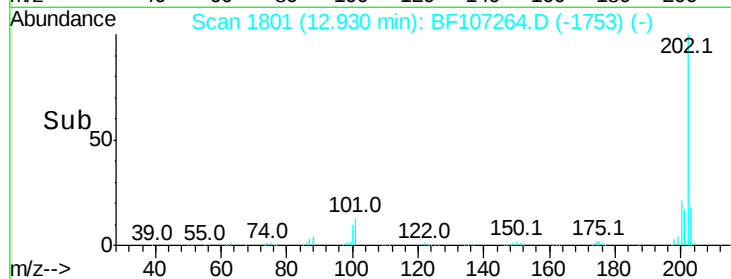
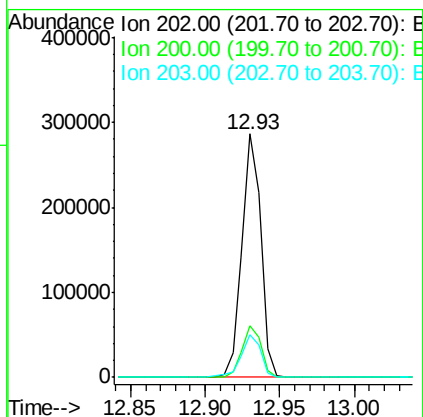
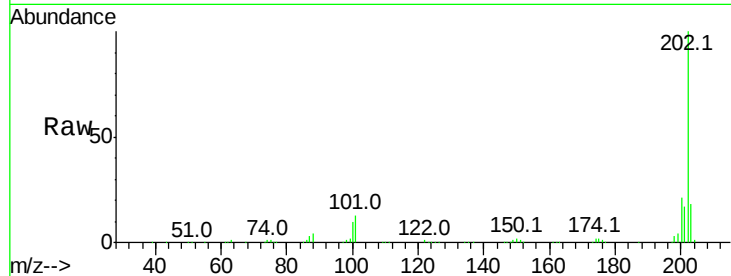
#77
Pvrene
Concen: 47.000 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.6	14.3	21.5

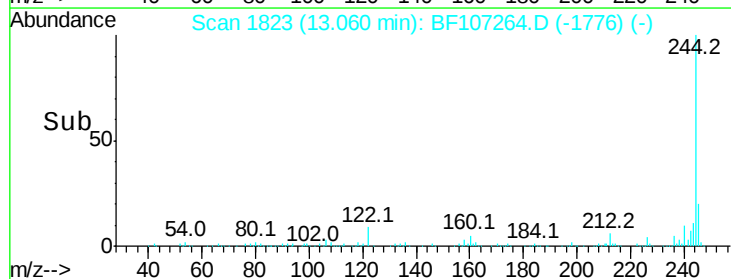
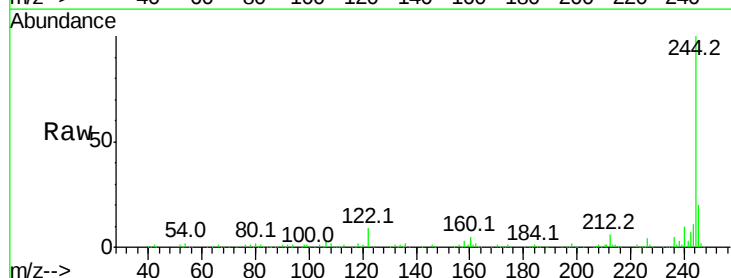
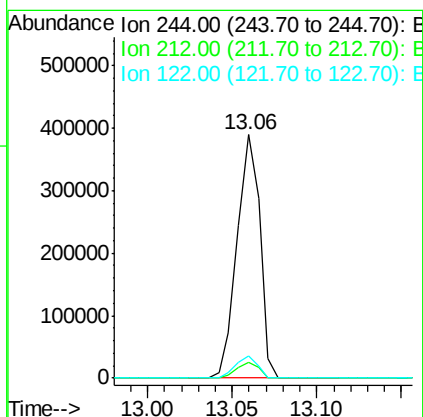
Manual Integrations
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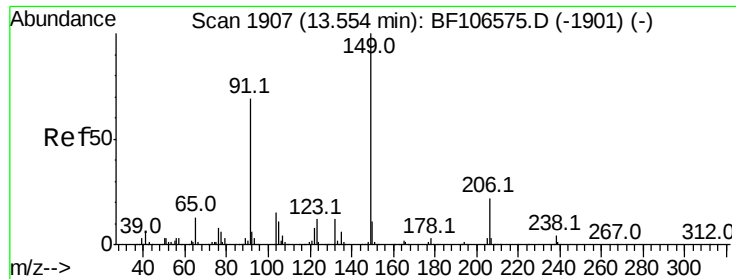
Sohil
7/11/2018 11:22:22 AM



#78
Terphenyl-d14
Concen: 108.264 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.9	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 38.028 ng

RT: 13.52 min Scan# 1902

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

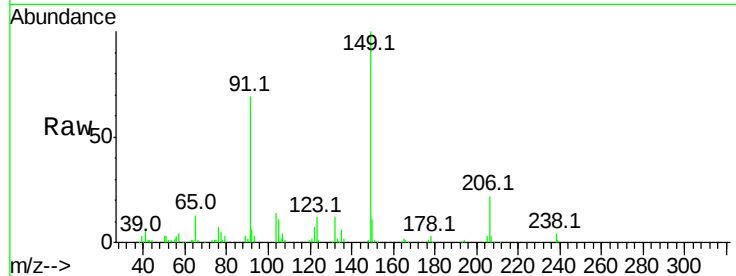
ClientSampleId :

PB110879BS

Tot Ion:	149	Resp:	84416
Ion Ratio	Lower	Upper	
149	100		
91	69.0	56.8	85.2
206	21.8	14.1	21.1

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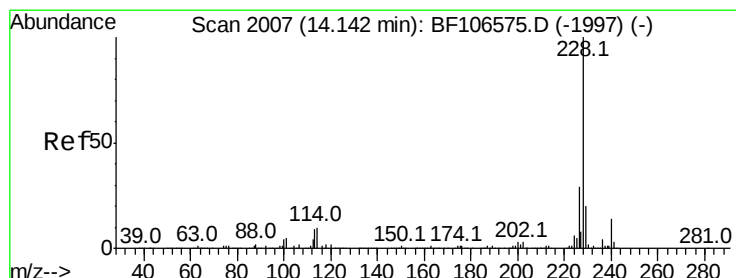
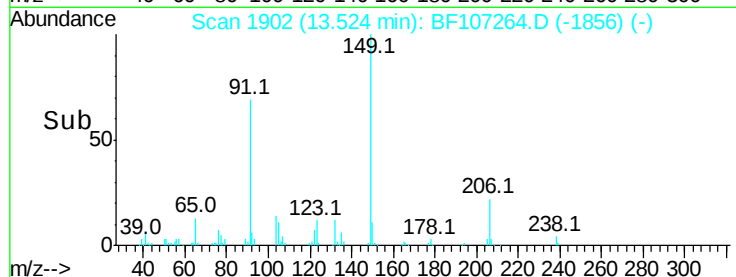
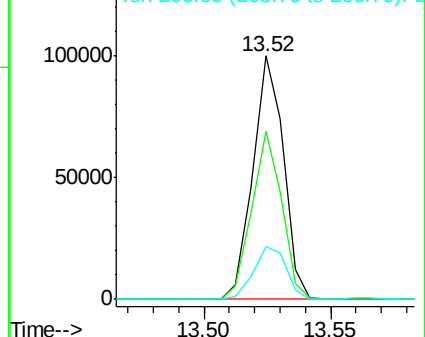
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.469 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.03 min

Lab File: BF107264.D

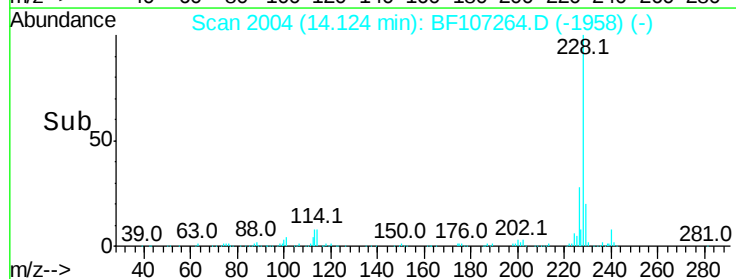
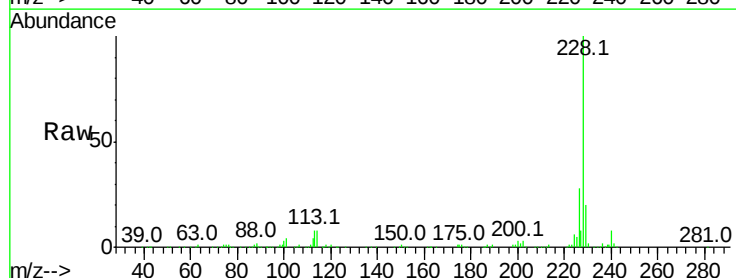
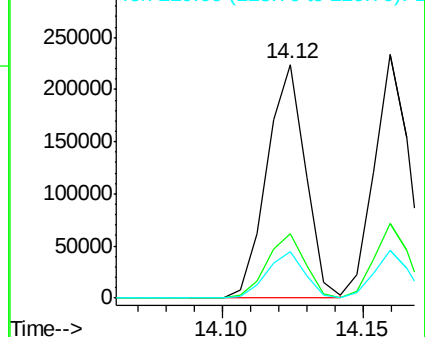
Acq: 10 Jul 2018 11:27

Tgt Ion:	228	Resp:	211924
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	19.7	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





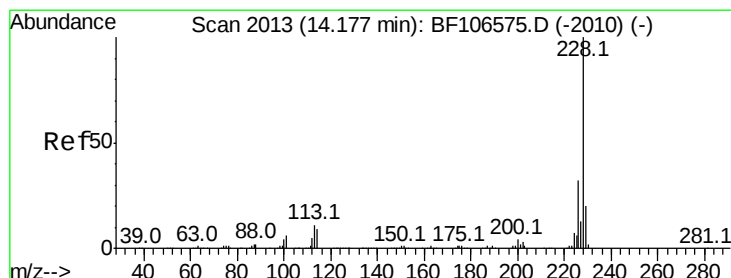
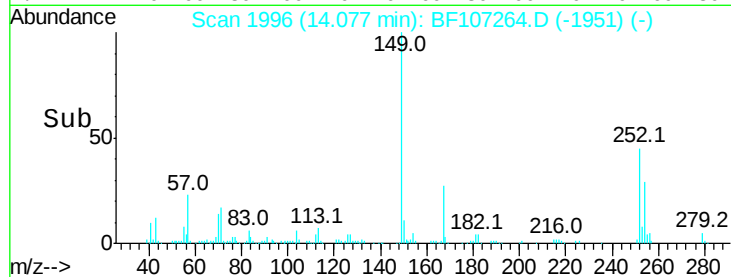
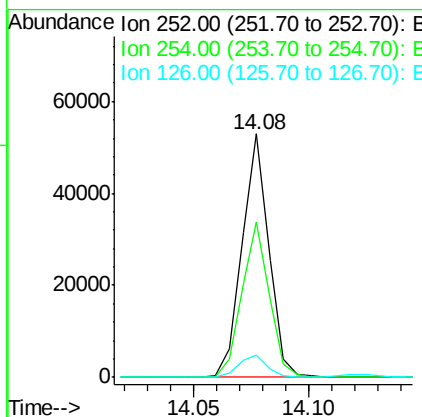
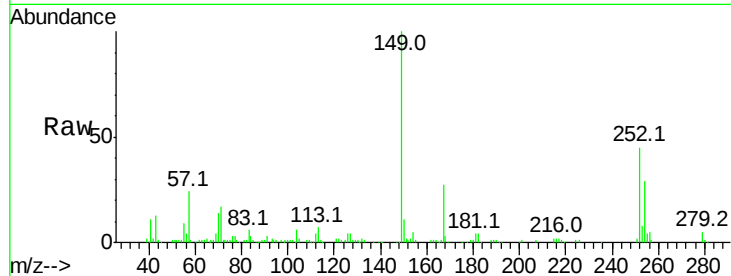
#81
 3,3'-Dichlorobenzidine
 Concen: 24.497 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.04 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	9.0	11.3	16.9

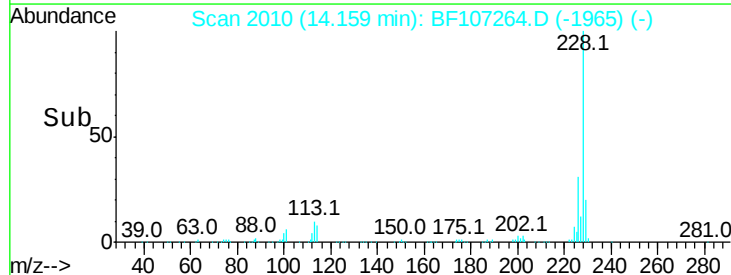
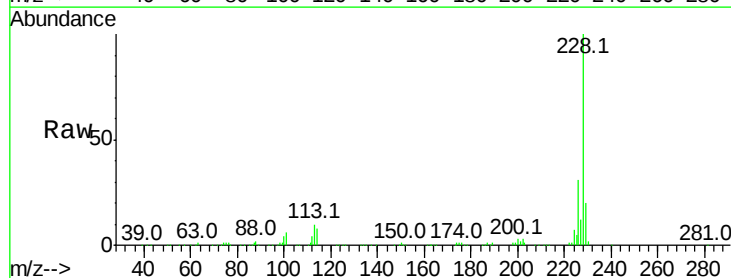
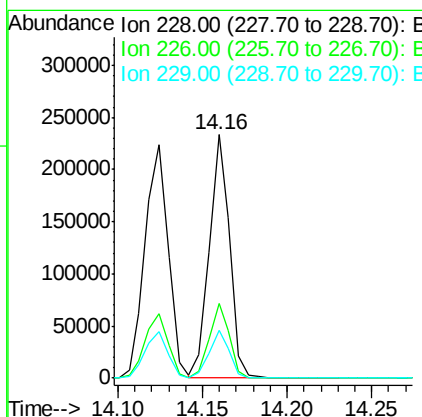
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#82
 Chrysene
 Concen: 42.867 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.04 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.584 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tot Ion:149 Resp: 106663

Ion Ratio Lower Upper

149 100

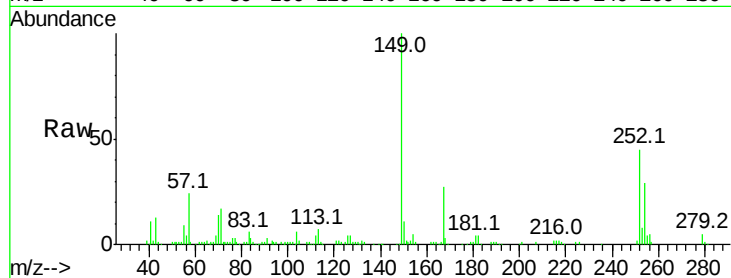
167 27.5 21.3 31.9

279 5.0 3.0 4.4#

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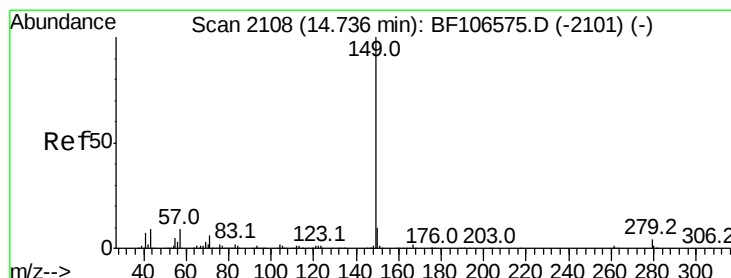
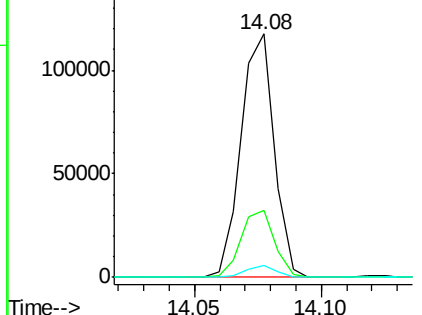
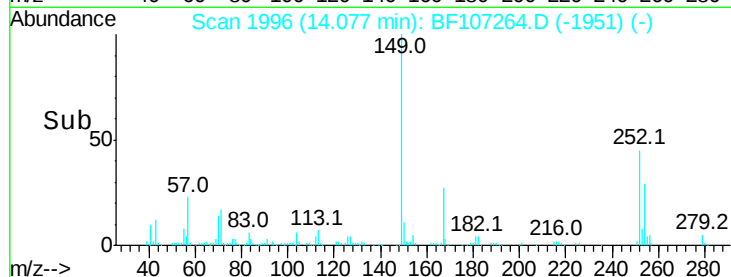
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.939 ng

RT: 14.69 min Scan# 2101

Delta R.T. -0.07 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

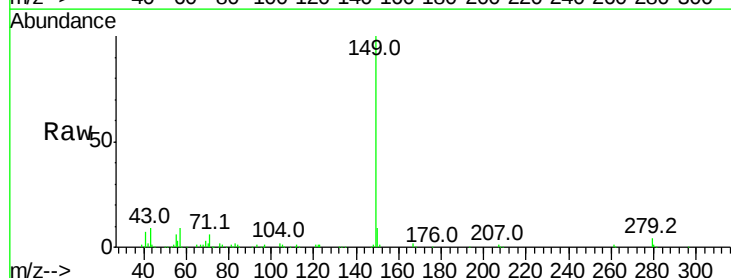
Tgt Ion:149 Resp: 180131

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

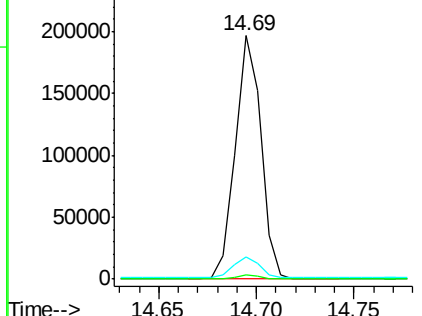
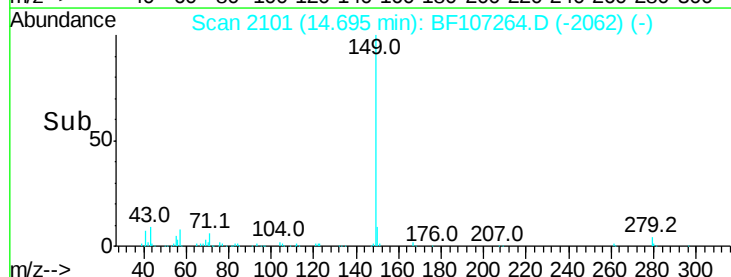
43 8.6 8.4 12.6

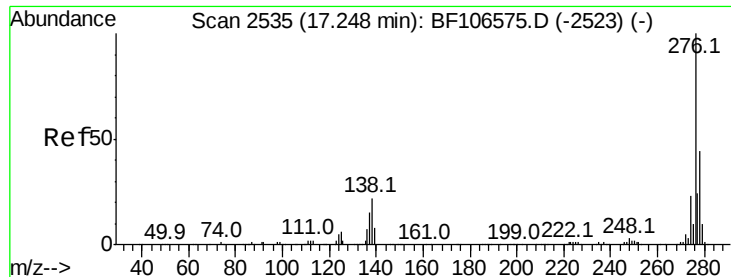


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





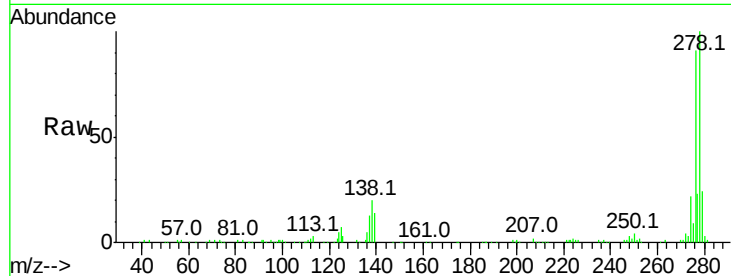
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 68.485 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.04 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	266812		
138	21.1	25.0	37.6	#
277	24.9	20.1	30.1	

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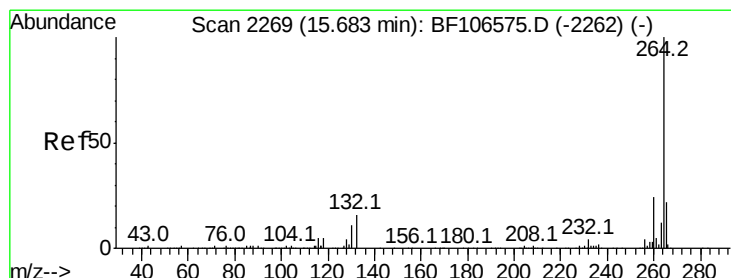
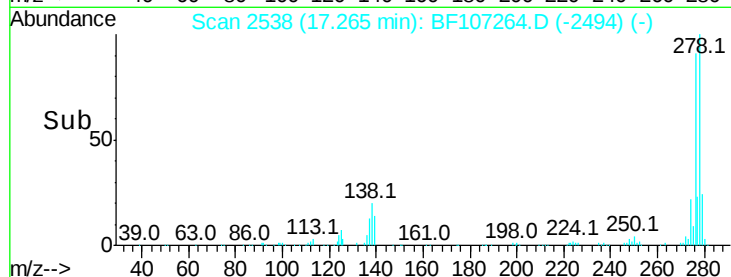
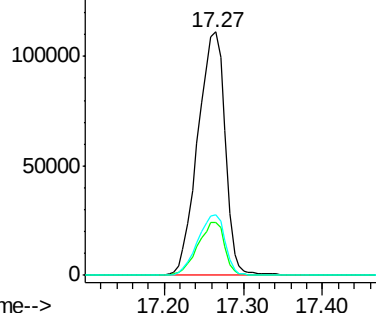


Abundance

Ion 276.00 (275.70 to 276.70): E

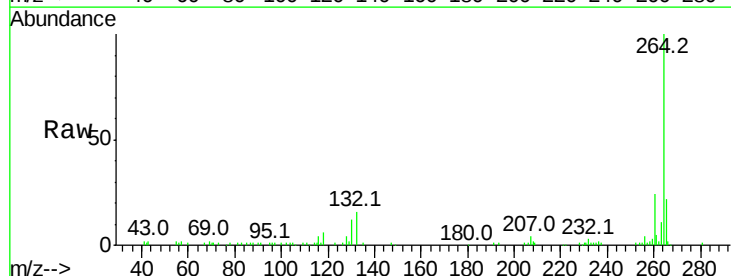
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	86582		
260	23.6	19.2	28.8	
265	21.6	17.5	26.3	

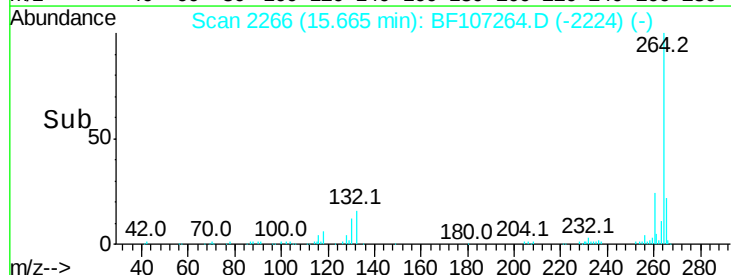
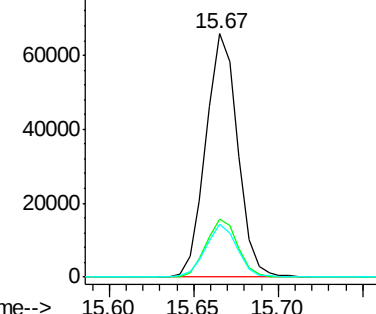


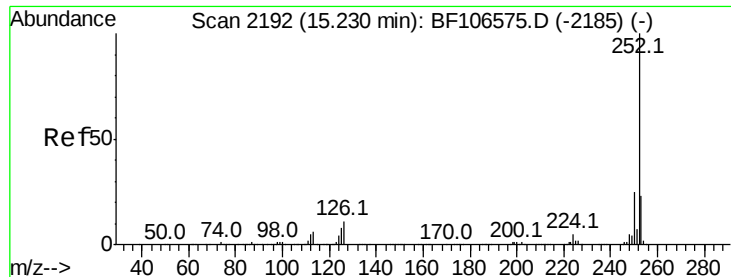
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





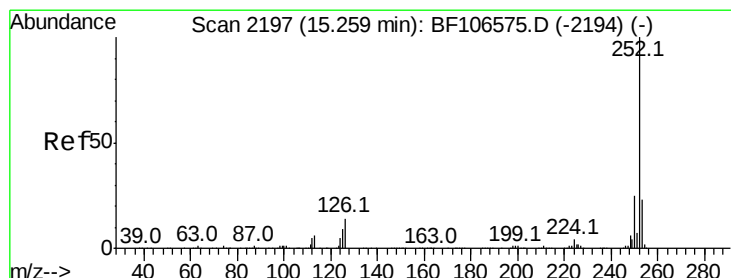
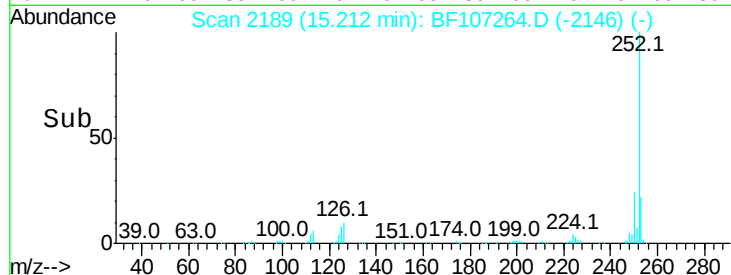
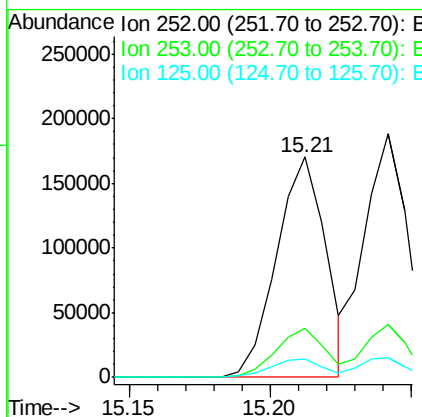
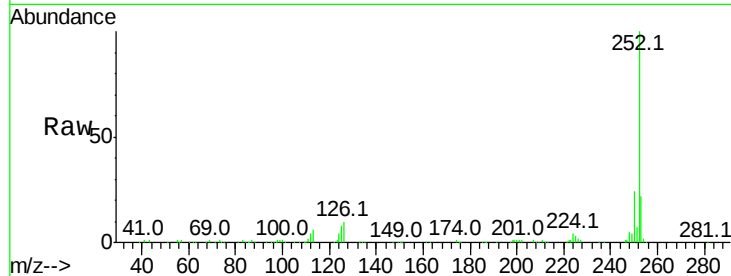
#87
Benzo(b)fluoranthene
Concen: 38.323 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.2	9.0	13.6

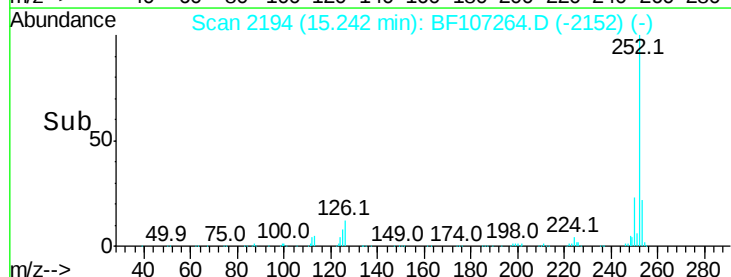
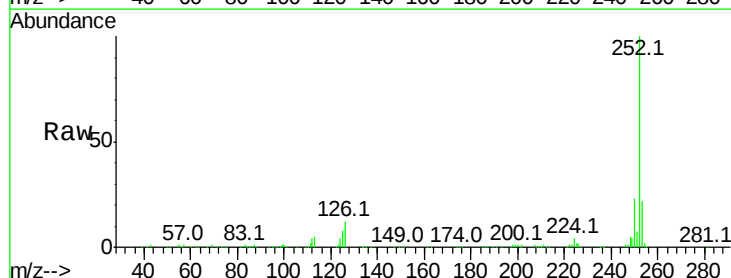
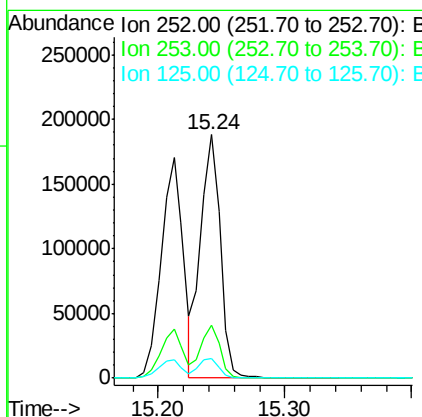
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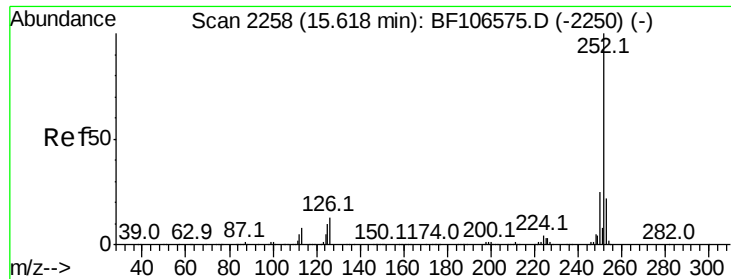
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#88
Benzo(k)fluoranthene
Concen: 39.837 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	7.8	10.2	15.2





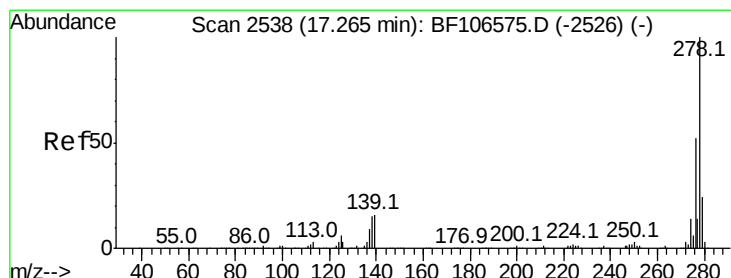
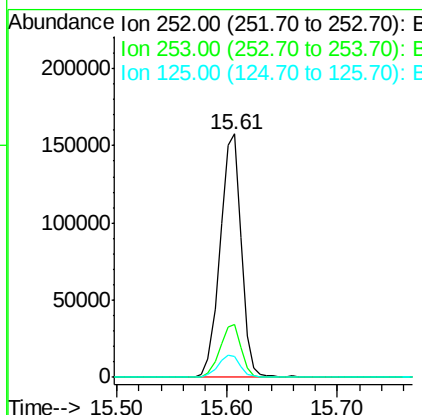
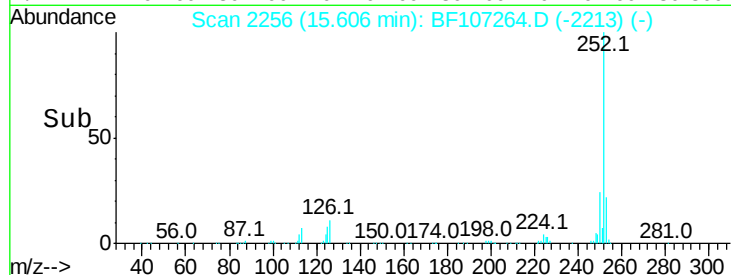
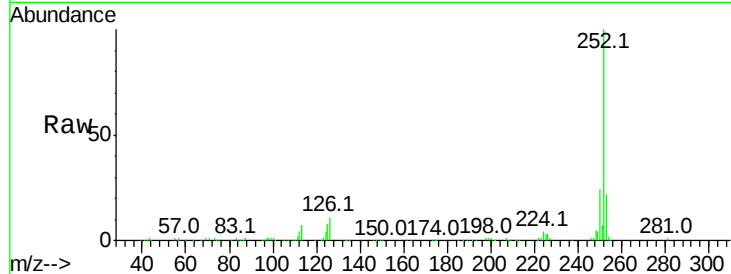
#89
Benzo(a)pyrene
Concen: 44.138 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	8.4	9.8	14.6

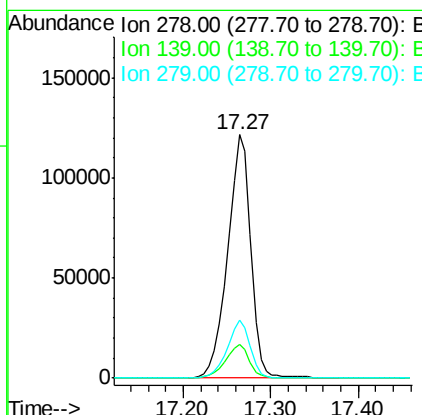
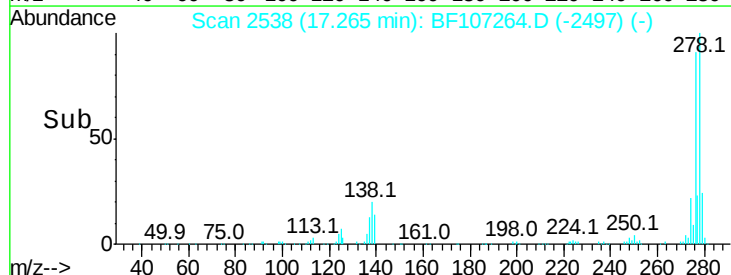
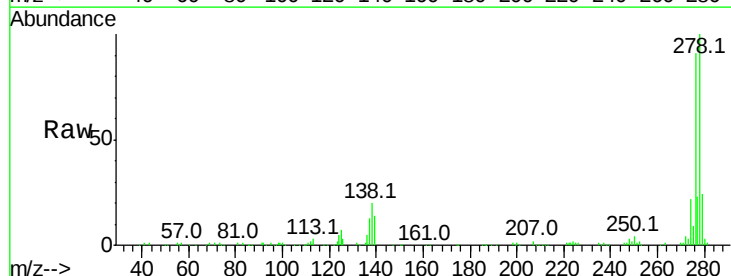
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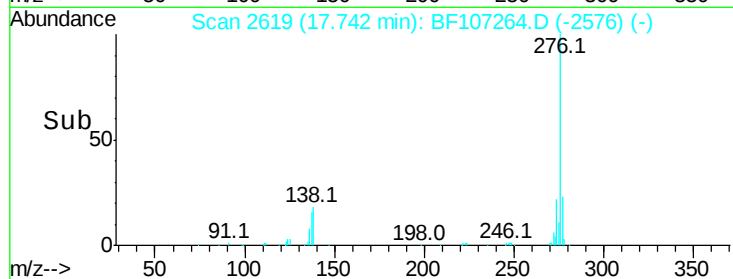
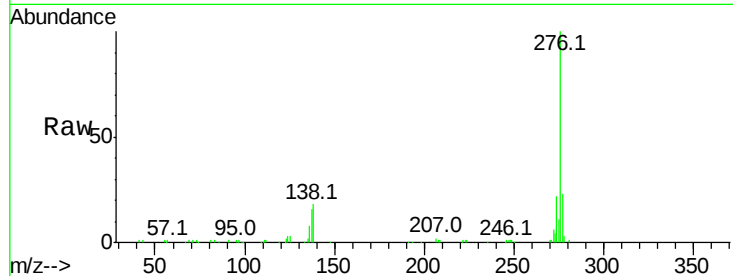
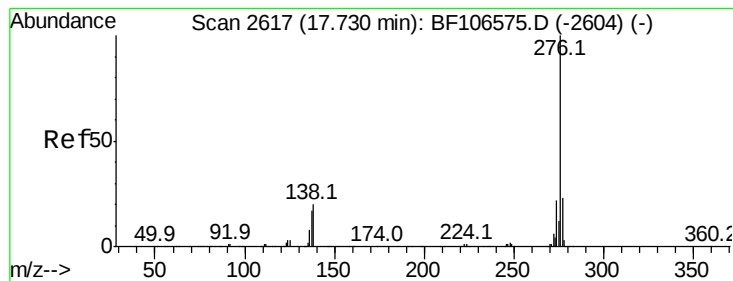
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#90
Dibenzo(a,h)anthracene
Concen: 54.198 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.06 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	15.9	23.9
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 58.872 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.05 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.3	17.9	26.9	
138	18.0	21.8	32.8	

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