

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110167.D
 Acq On : 25 Oct 2018 18:22
 Operator : JU/SJ
 Sample : J5636-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-GRID-BMSD

Manual Integrations
 APPROVED

Sohil
 10/26/2018 3:49:19 PM

Quant Time: Oct 26 04:24:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140121	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	572947	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	275104	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	499735	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	284396	20.00	ng	-0.01
87) Perylene-d12	15.67	264	257140	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1052023	122.26	ng	0.00
7) Phenol-d6	6.60	99	1352641	122.90	ng	0.00
23) Nitrobenzene-d5	7.53	82	852489	88.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	332085	121.86	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1451458	82.85	ng	-0.01
79) Terphenyl-d14	13.09	244	1253894	91.69	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.89	88	115438	25.607	ng	92
3) Pyridine	3.66	79	332405	33.105	ng	88
4) n-Nitrosodimethylamine	3.61	42	170651	40.566	ng	93
6) Aniline	6.63	93	337600	23.548	ng	# 53
8) 2-Chlorophenol	6.76	128	360368	36.326	ng	98
9) Benzaldehyde	6.52	77	183053	25.894	ng	94
10) Phenol	6.61	94	511591	43.486	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	333609	34.468	ng	96
12) 1,3-Dichlorobenzene	6.91	146	369038	33.803	ng	96
13) 1,4-Dichlorobenzene	6.99	146	376049	34.058	ng	99
14) 1,2-Dichlorobenzene	7.14	146	349019	34.051	ng	99
15) Benzyl Alcohol	7.10	79	323365	38.201	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	548204	35.424	ng	68
17) 2-Methylphenol	7.21	107	298954	37.813	ng	# 80
18) Hexachloroethane	7.48	117	137287	33.962	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	246706	34.940	ng	95
20) 3+4-Methylphenols	7.36	107	378124	37.000	ng	96
22) Acetophenone	7.37	105	497025	37.648	ng	# 98
24) Nitrobenzene	7.55	77	372652	37.366	ng	94
25) Isophorone	7.79	82	688368	41.805	ng	96
26) 2-Nitrophenol	7.86	139	189331	39.895	ng	97
27) 2,4-Dimethylphenol	7.89	122	332739	42.289	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	432161	38.634	ng	100
29) 2,4-Dichlorophenol	8.10	162	304668	38.327	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	314615	35.334	ng	94
31) Naphthalene	8.27	128	1042839	39.492	ng	100
32) Benzoic acid	7.89	122	332739	54.715	ng	# 11
33) 4-Chloroaniline	8.32	127	185282	15.590	ng	98
34) Hexachlorobutadiene	8.38	225	169358	34.256	ng	99
35) Caprolactam	8.69	113	46008	16.606	ng	89
36) 4-Chloro-3-methylphenol	8.80	107	327051	38.047	ng	93
37) 2-Methylnaphthalene	8.96	142	707683	40.505	ng	99
38) 1-Methylnaphthalene	9.06	142	668189	39.576	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	296280	34.565	ng	98

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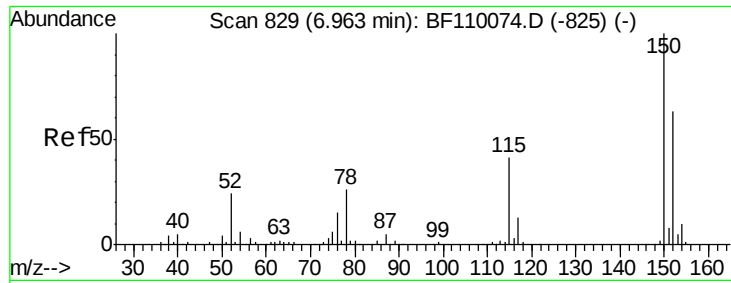
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	236441	53.945	nq	98
43) 2,4,6-Trichlorophenol	9.24	196	206424	37.337	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	219857	37.621	nq	96
46) 1,1'-Biphenyl	9.43	154	854481	34.348	nq	100
47) 2-Chloronaphthalene	9.46	162	642521	35.210	nq	99
48) 2-Nitroaniline	9.55	65	212707	38.465	nq	95
49) Acenaphthylene	9.87	152	1025863	38.922	nq	98
50) Dimethylphthalate	9.73	163	922935	45.448	nq	99
51) 2,6-Dinitrotoluene	9.79	165	171235	39.146	nq	96
52) Acenaphthene	10.05	154	625024	35.846	nq	98
53) 3-Nitroaniline	9.96	138	130318	25.052	nq	89
54) 2,4-Dinitrophenol	10.07	184	23774	17.983	nq	87
55) Dibenzofuran	10.22	168	889031	36.417	nq	97
56) 4-Nitrophenol	10.13	139	366988	95.321	nq	91
57) 2,4-Dinitrotoluene	10.20	165	229616	41.326	nq	# 88
58) Fluorene	10.56	166	699526	38.501	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	177414m	37.246	nq	
60) Diethylphthalate	10.43	149	741626	37.412	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	329115	34.338	nq	97
62) 4-Nitroaniline	10.58	138	174164	33.663	nq	93
63) Azobenzene	10.71	77	707913	35.977	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	53197	23.300	nq	87
66) n-Nitrosodiphenylamine	10.67	169	621252	37.901	nq	96
67) 4-Bromophenyl-phenylether	11.04	248	197305	36.399	nq	# 89
68) Hexachlorobenzene	11.11	284	197977	34.422	nq	# 93
69) Atrazine	11.19	200	200669	38.739	nq	100
70) Pentachlorophenol	11.30	266	173141	51.626	nq	95
71) Phenanthrene	11.53	178	1070189	40.927	nq	100
72) Anthracene	11.58	178	1047846	39.979	nq	99
73) Carbazole	11.73	167	870512	34.017	nq	99
74) Di-n-butylphthalate	12.05	149	1089220	37.686	nq	99
75) Fluoranthene	12.72	202	959758	36.166	nq	98
77) Benzidine	12.84	184	300103	33.116	nq	96
78) Pyrene	12.95	202	956985	46.937	nq	98
80) Butylbenzylphthalate	13.56	149	380947	43.047	nq	97
81) Benzo(a)anthracene	14.14	228	663399	39.335	nq	100
82) 3,3'-Dichlorobenzidine	14.10	252	156136	26.586	nq	100
83) Chrysene	14.17	228	607103	37.900	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	519945	43.463	nq	96
85) Di-n-octyl phthalate	14.73	149	753065	40.484	nq	# 99
86) Indeno(1,2,3-cd)pyrene	17.24	276	532969	40.106	nq	95
88) Benzo(b)fluoranthene	15.22	252	562216	37.862	nq	99
89) Benzo(k)fluoranthene	15.25	252	528556m	36.208	nq	
90) Benzo(a)pyrene	15.61	252	523430	38.309	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	454328	38.537	nq	99
92) Benzo(g,h,i)perylene	17.71	276	415124	35.733	nq	97

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



#1

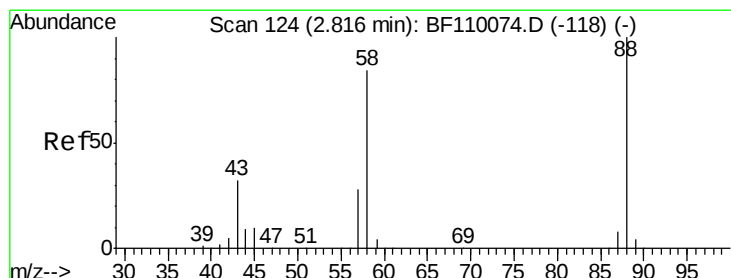
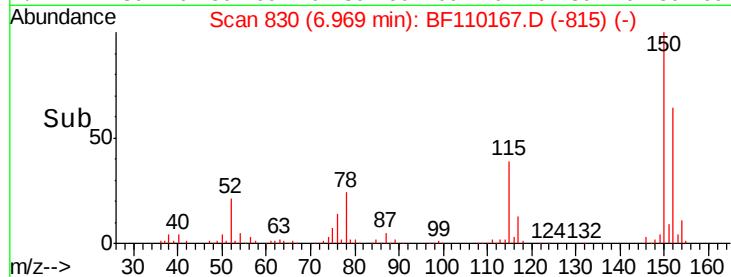
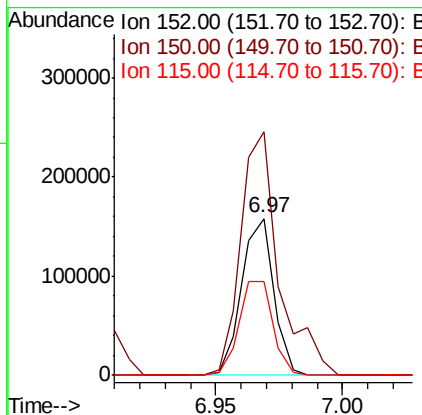
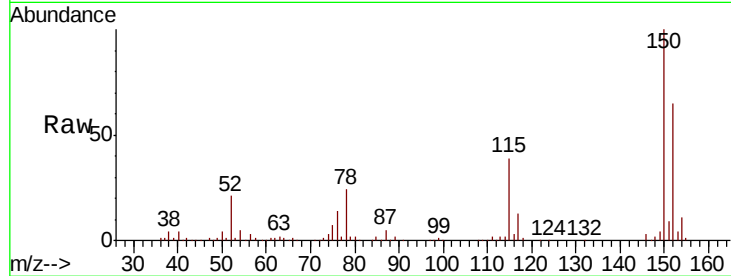
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	60.2	49.1	73.7

Manual Integrations
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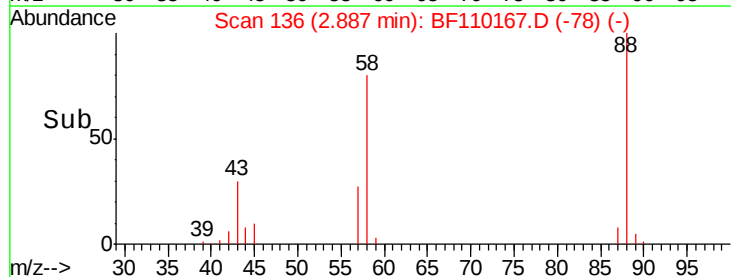
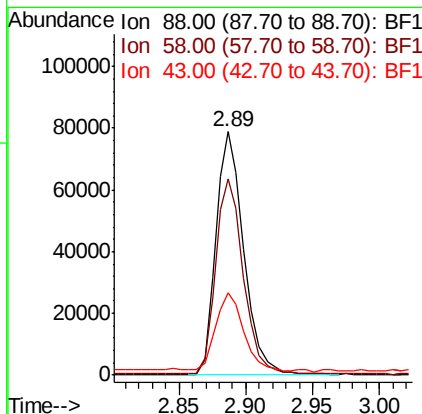
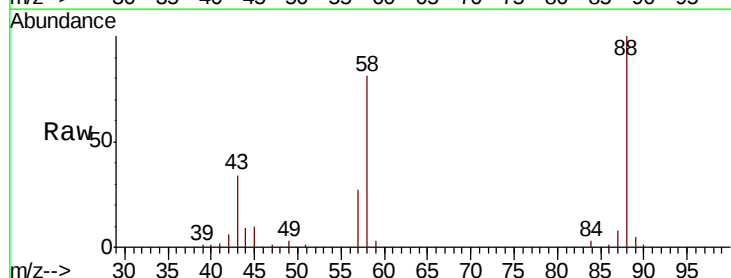
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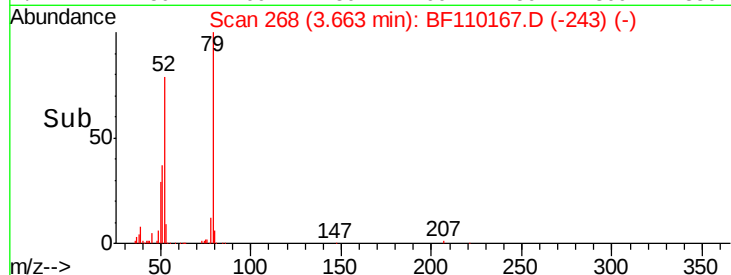
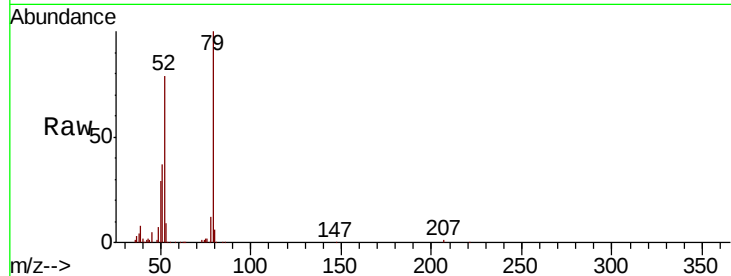


#2

1,4-Dioxane
Concen: 25.607 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.04 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	57.1	85.7
43	31.3	24.1	36.1





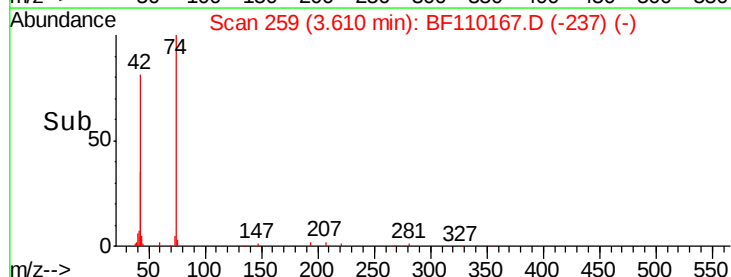
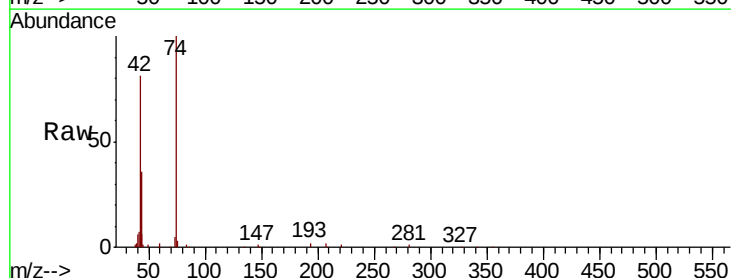
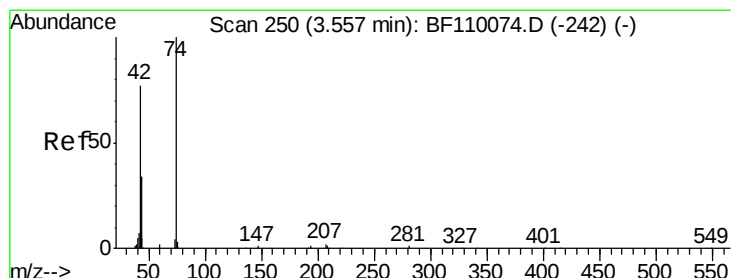
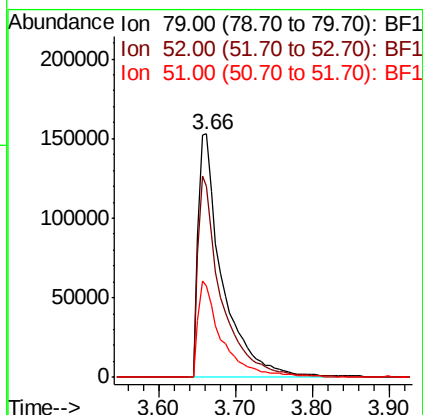
#3
 Pvridine
 Concen: 33.105 ng
 RT: 3.66 min Scan# 268
 Delta R.T. 0.05 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.6	53.1	79.7
51	37.3	27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 HP-GRID-BMSD

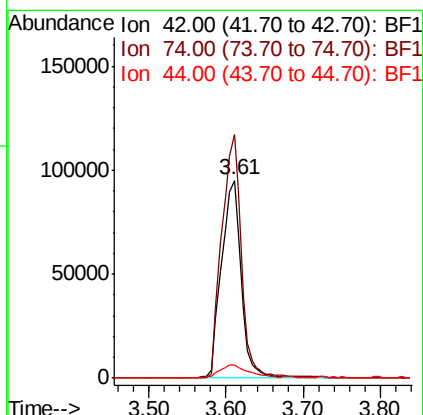
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 40.566 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.03 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.0	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 122.264 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

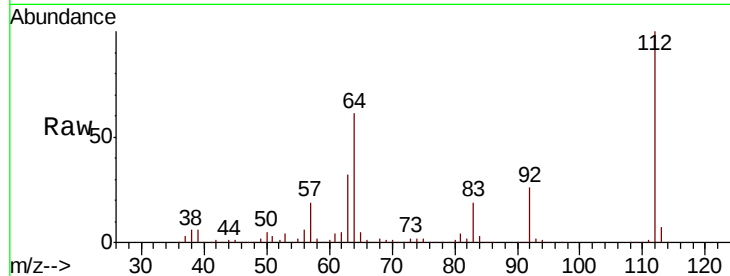
ClientSampleId :

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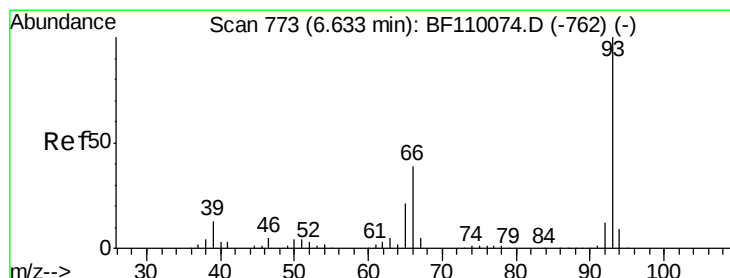
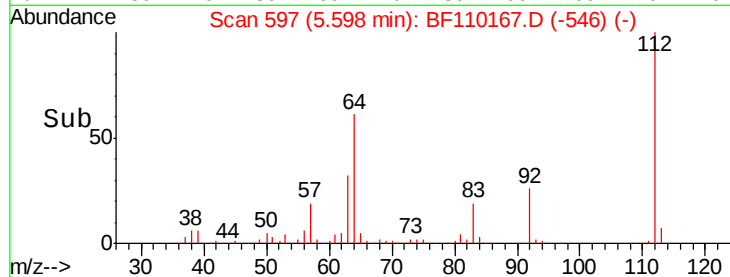
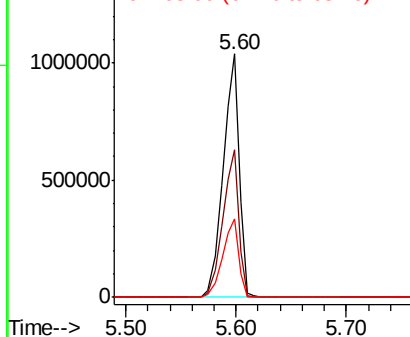
Tot Ion:	112	Resp:	1052023
Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	32.2	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.548 ng

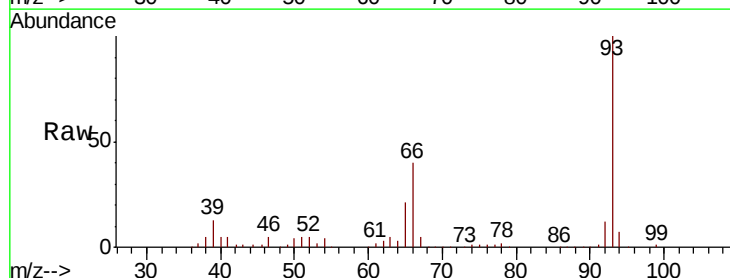
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

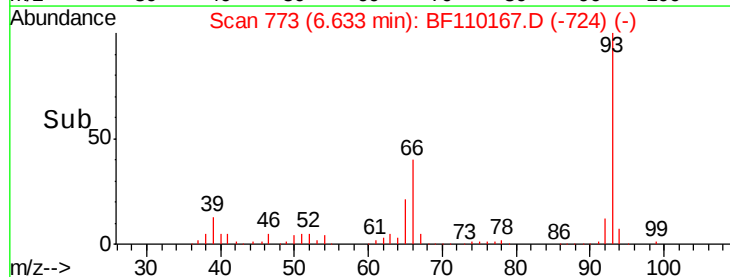
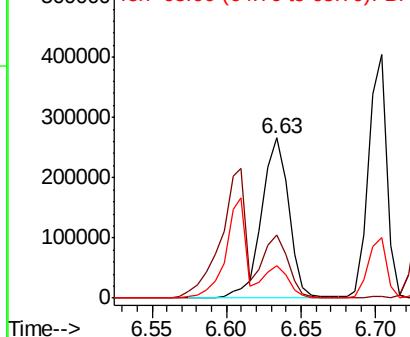
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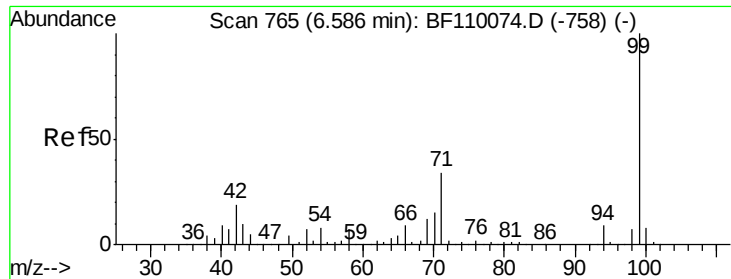
Acq: 25 Oct 2018 18:22

Tgt Ion:	93	Resp:	337600
Ion	Ratio	Lower	Upper
93	100		
66	39.6	67.4	101.0#
65	20.6	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.902 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

HP-GRID-BMSD

Tot Ion: 99 Resp: 1352641

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

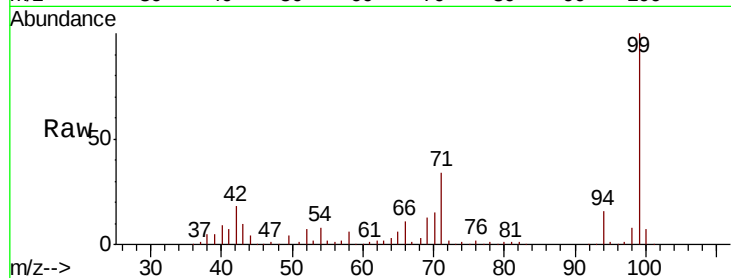
71 34.4 28.0 42.0

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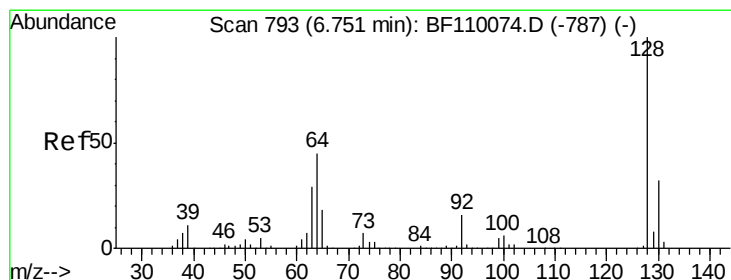
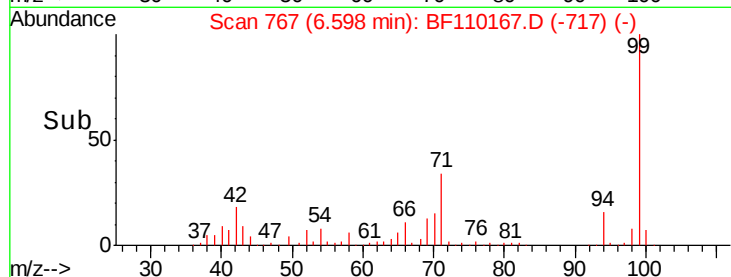
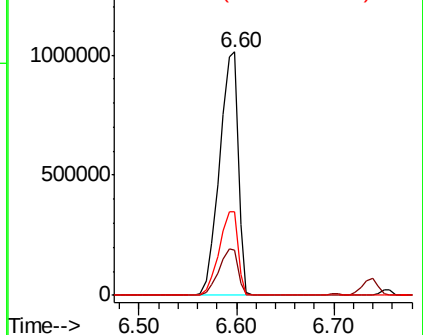
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.326 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

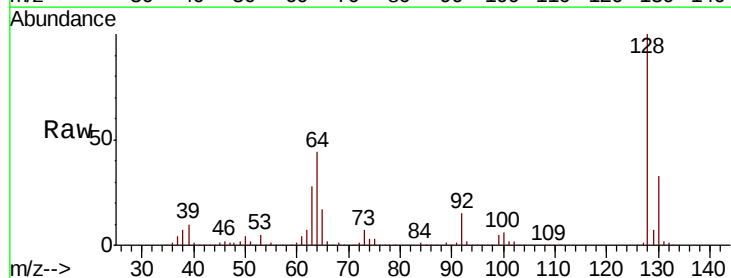
Tgt Ion:128 Resp: 360368

Ion Ratio Lower Upper

128 100

130 33.2 13.1 53.1

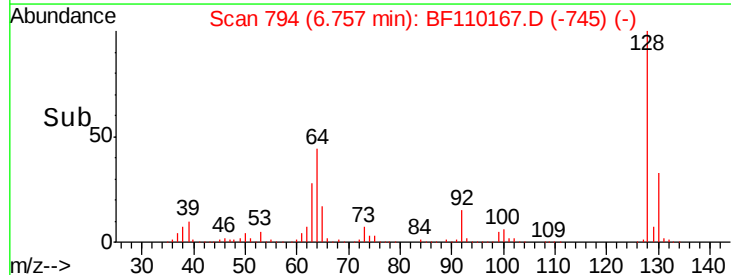
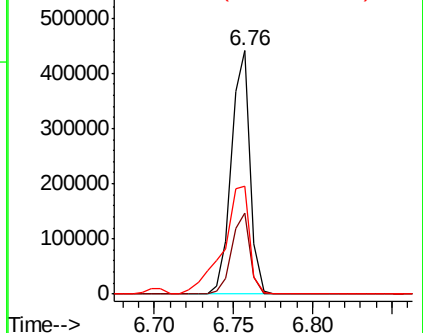
64 44.4 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.894 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

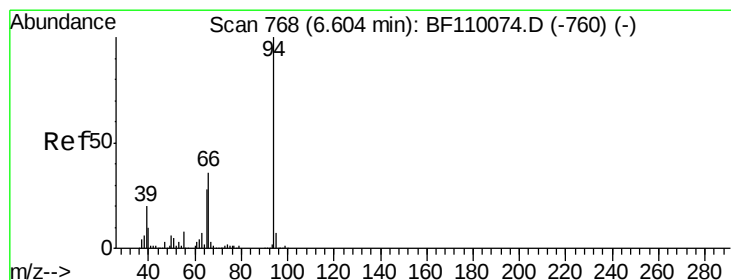
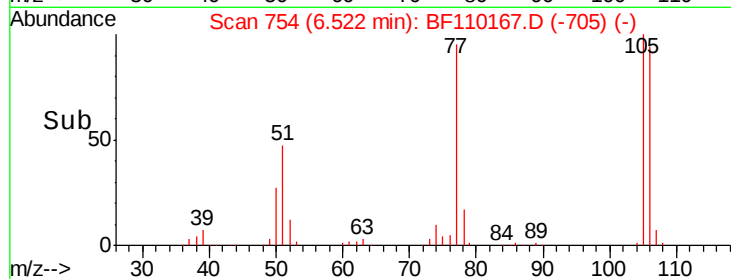
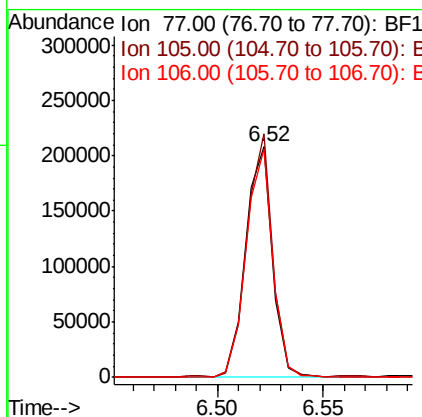
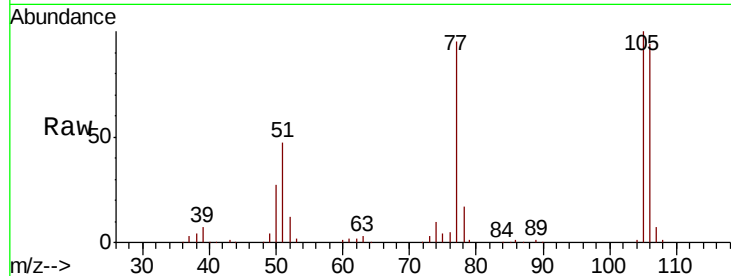
ClientSampleId :

HP-GRID-BMSD

Tot Ion:	77	Resp:	183053
Ion	Ratio	Lower	Upper
77	100		
105	105.5	78.6	118.6
106	99.1	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 43.486 ng

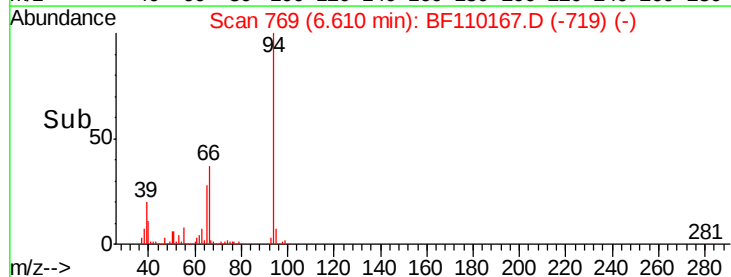
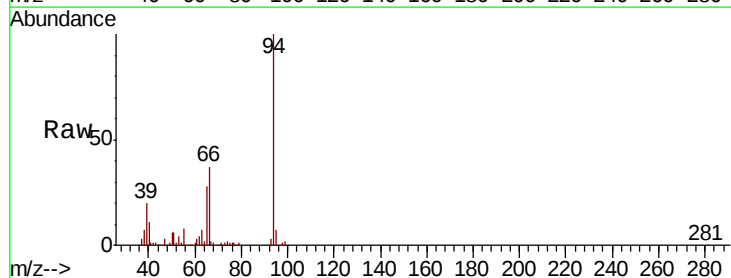
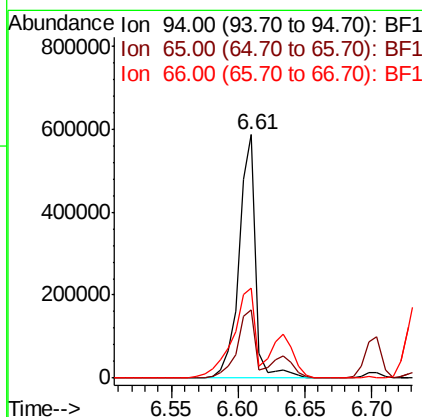
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:	94	Resp:	511591
Ion	Ratio	Lower	Upper
94	100		
65	28.2	25.3	65.3
66	36.8	54.5	94.5#





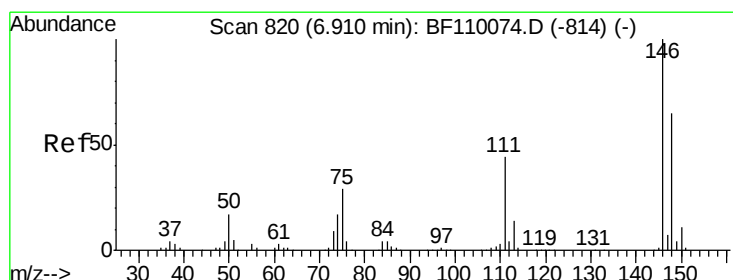
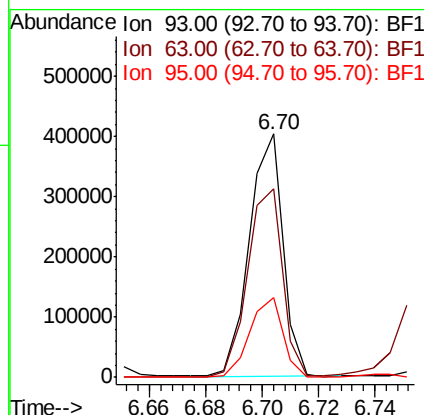
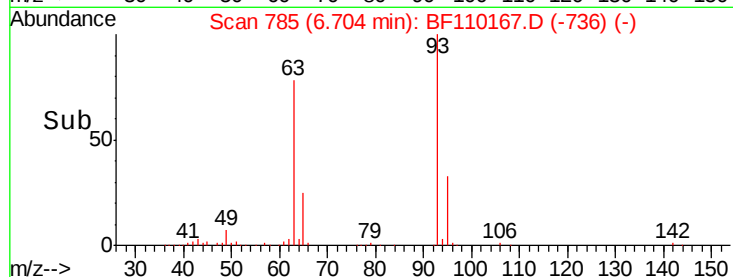
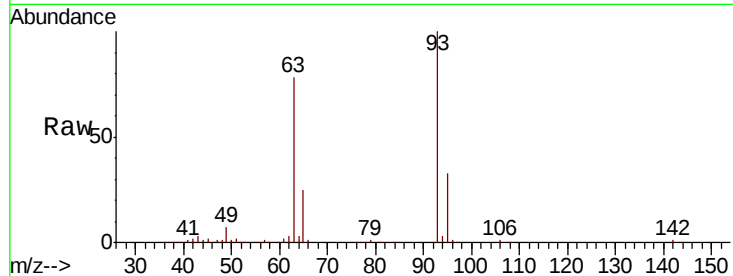
#11
bis(2-Chloroethyl)ether
Concen: 34.468 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.5	53.4	93.4
95	32.9	12.1	52.1

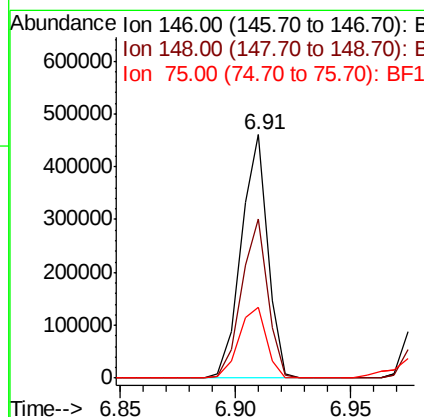
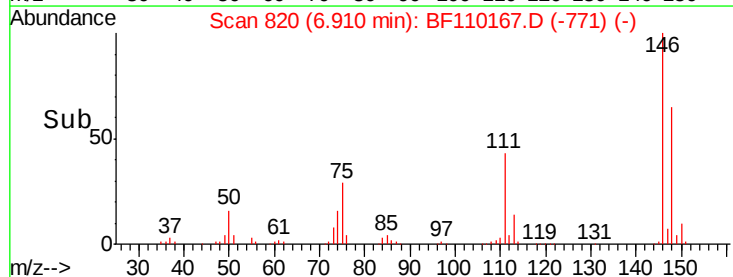
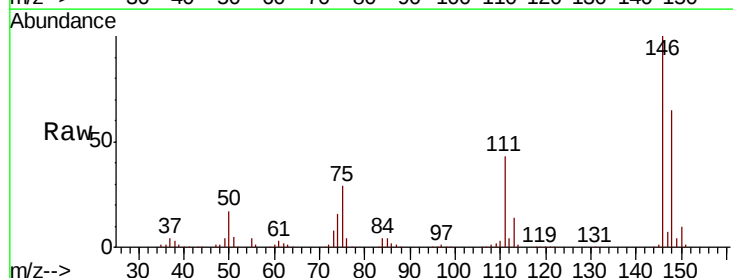
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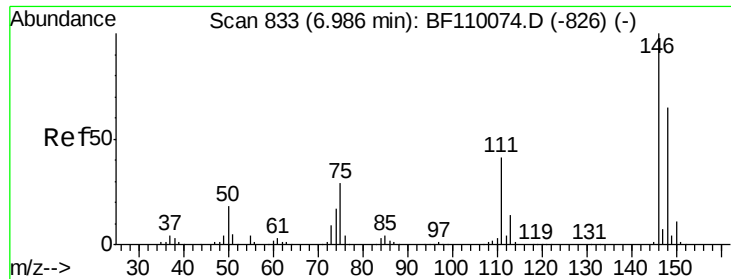
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#12
1,3-Dichlorobenzene
Concen: 33.803 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.4	75.6
75	29.2	25.8	38.6





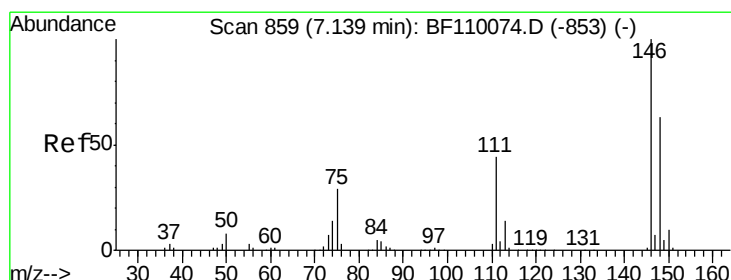
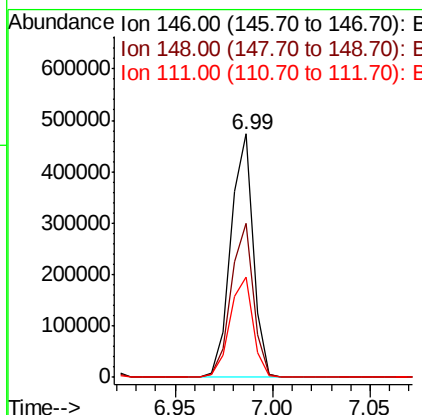
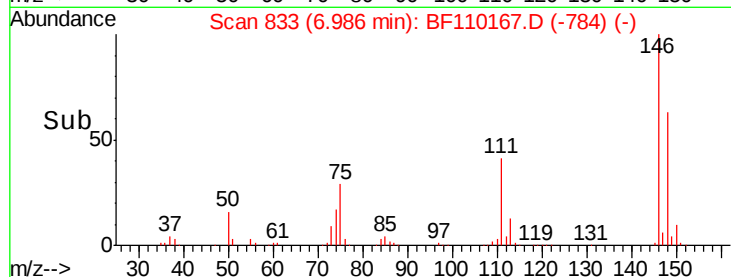
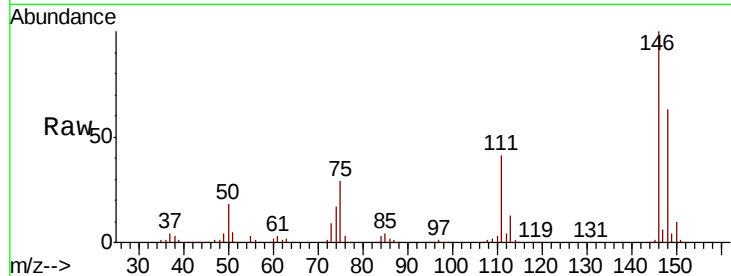
#13
 1,4-Dichlorobenzene
 Concen: 34.058 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	41.3	32.7	49.1

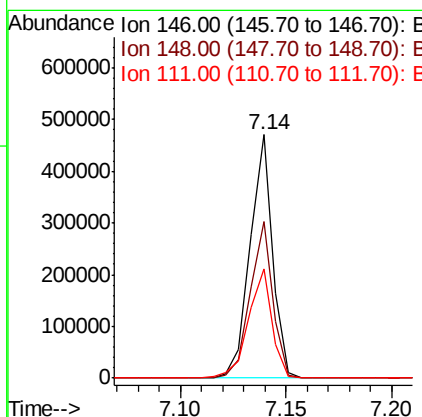
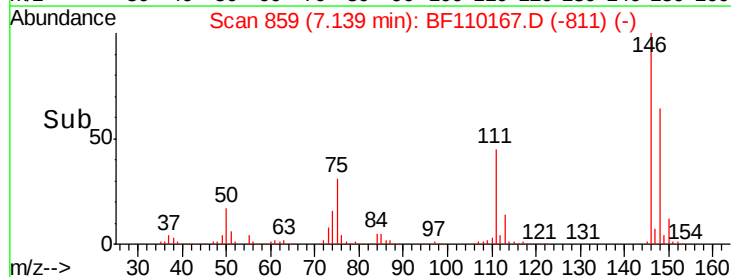
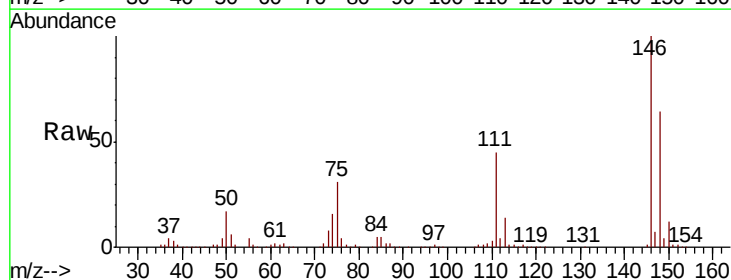
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#14
 1,2-Dichlorobenzene
 Concen: 34.051 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	45.1	35.8	53.6





#15

Benzyl Alcohol

Concen: 38.201 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

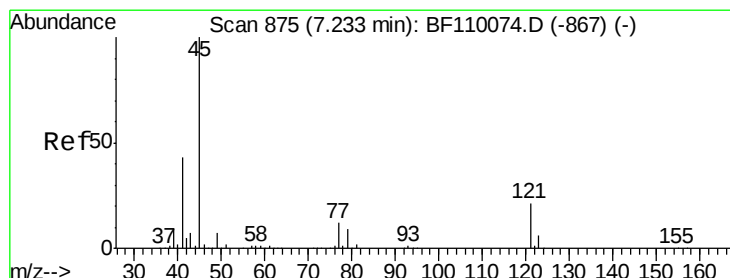
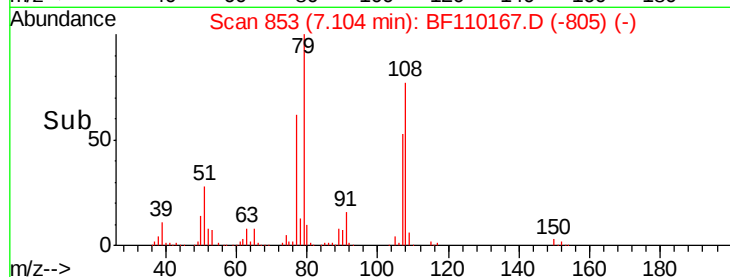
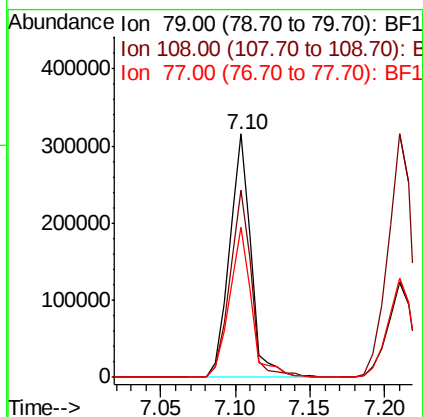
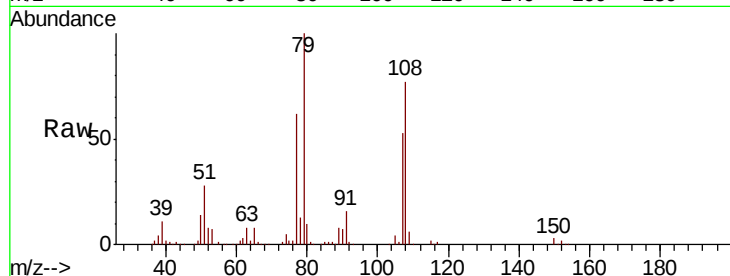
ClientSampleId :

HP-GRID-BMSD

Tot Ion:	79	Resp:	323365
Ion Ratio	Lower	Upper	
79	100		
108	77.3	56.3	84.5
77	61.9	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.424 ng

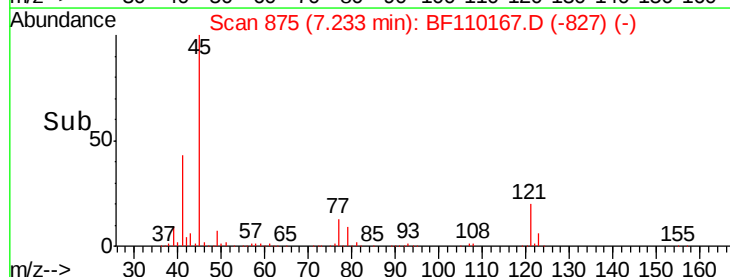
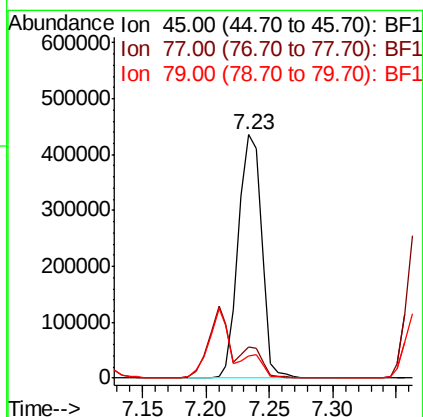
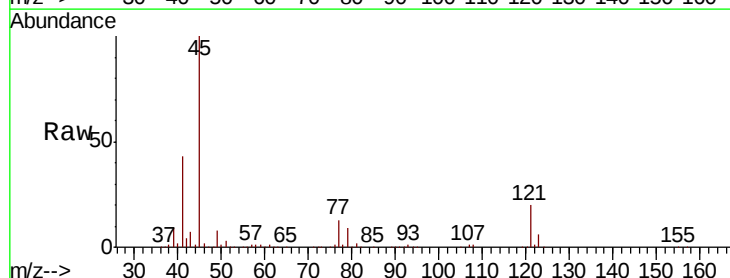
RT: 7.23 min Scan# 875

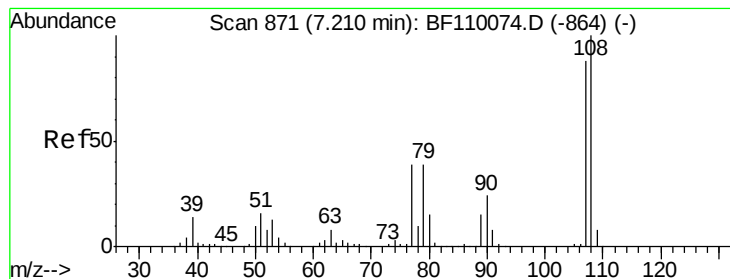
Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:	45	Resp:	548204
Ion Ratio	Lower	Upper	
45	100		
77	13.0	10.0	50.0
79	9.3	6.1	46.1





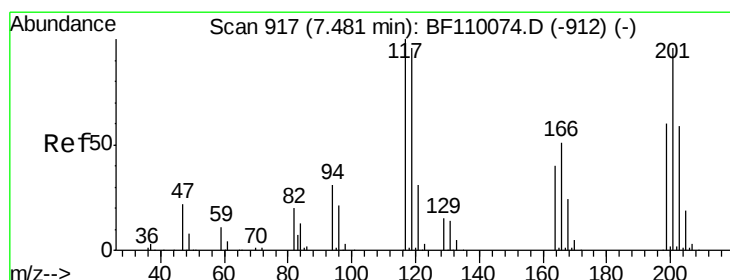
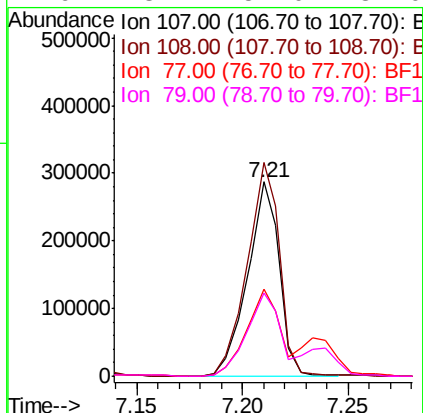
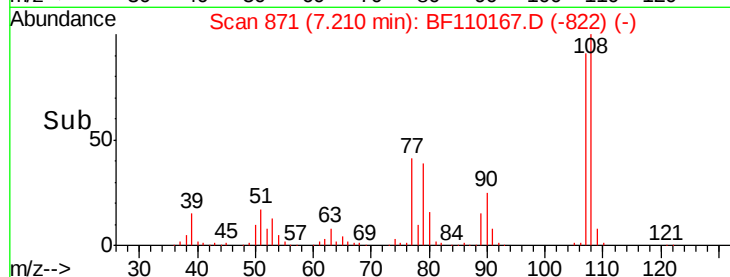
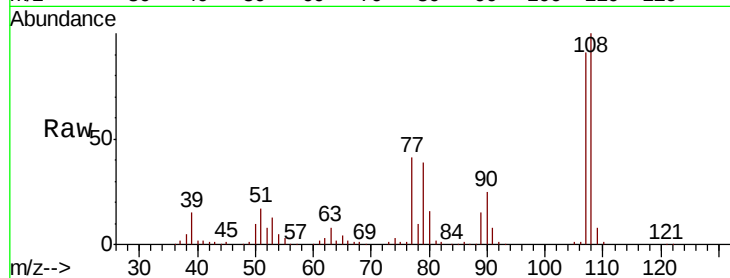
#17
2-Methylphenol
Concen: 37.813 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	92.6	138.8	
77	44.7	59.4	89.2	
79	43.1	54.0	81.0	

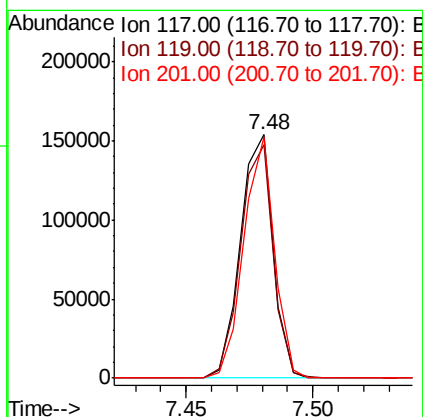
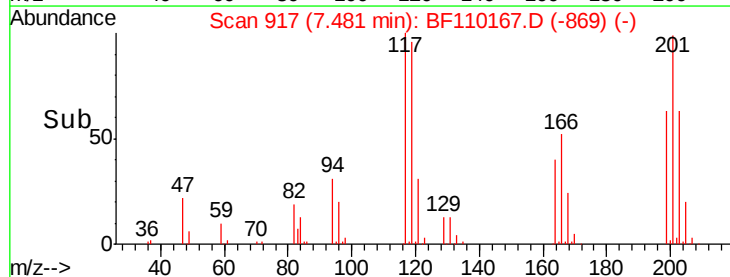
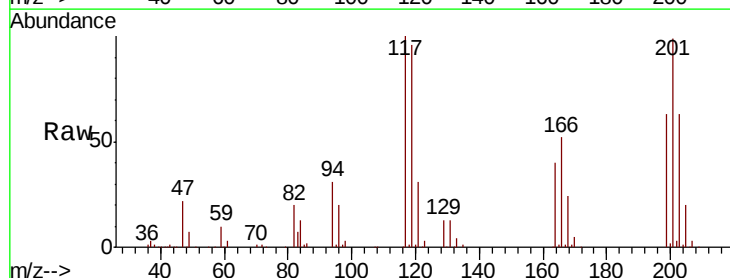
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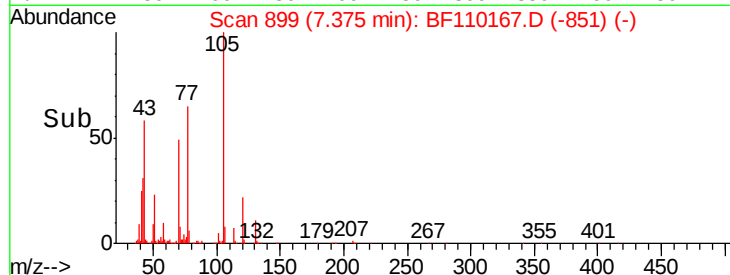
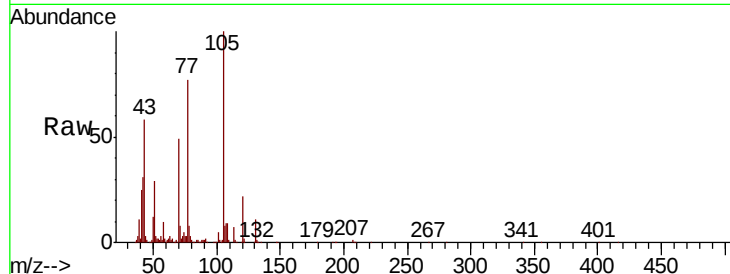
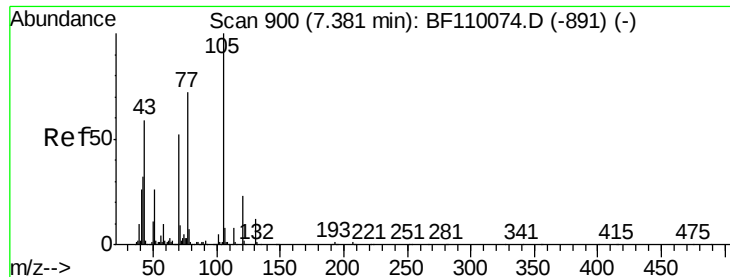
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#18
Hexachloroethane
Concen: 33.962 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	75.0	112.6	
201	99.2	79.2	118.8	





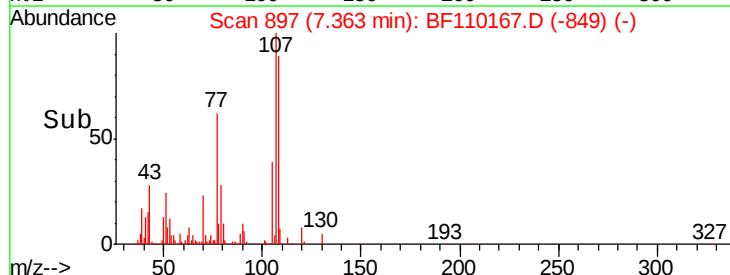
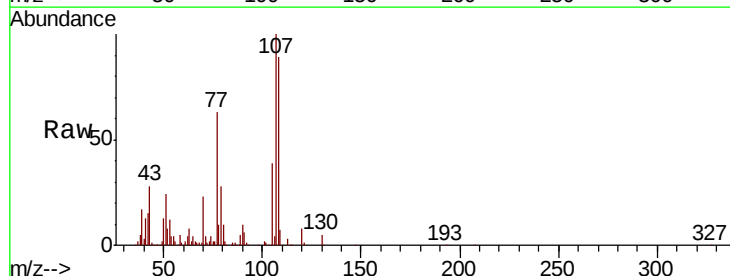
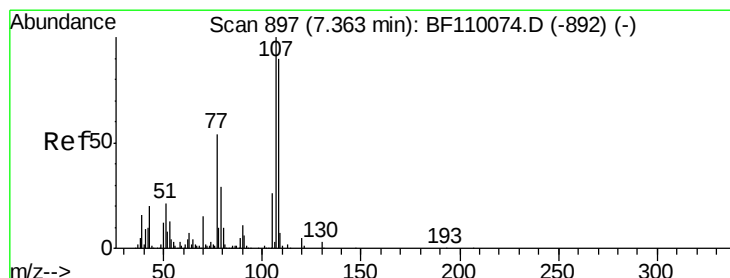
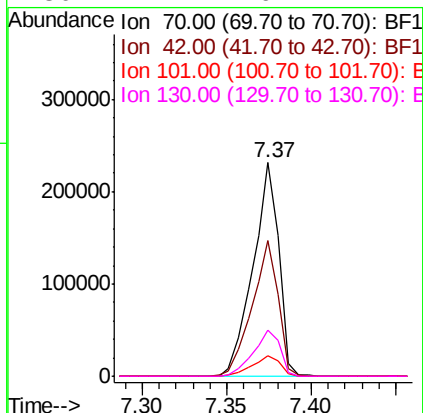
#19
n-Nitroso-di-n-propylamine
Concen: 34.940 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.4	71.2
101	9.9	7.3	10.9
130	21.7	16.2	24.2

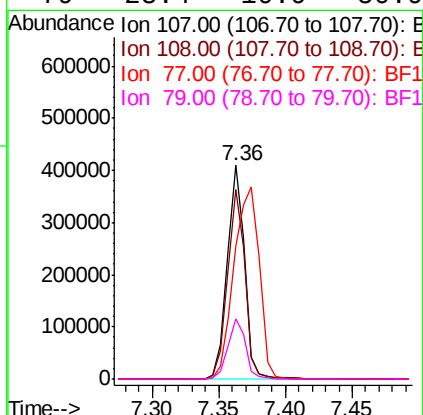
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#20
3+4-Methylphenols
Concen: 37.000 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.4	111.4
77	62.5	47.3	87.3
79	28.4	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

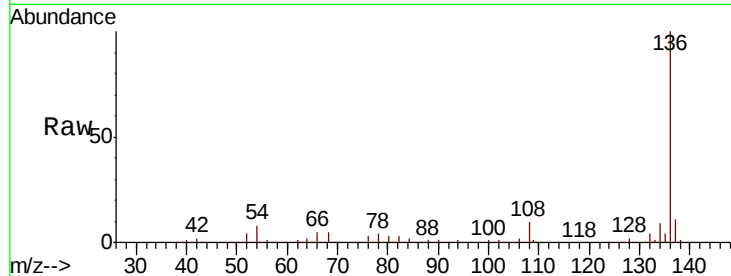
ClientSampleId :

HP-GRID-BMSD

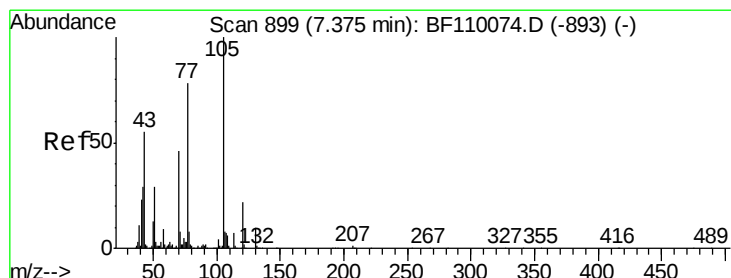
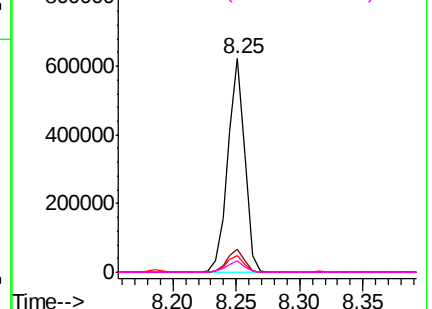
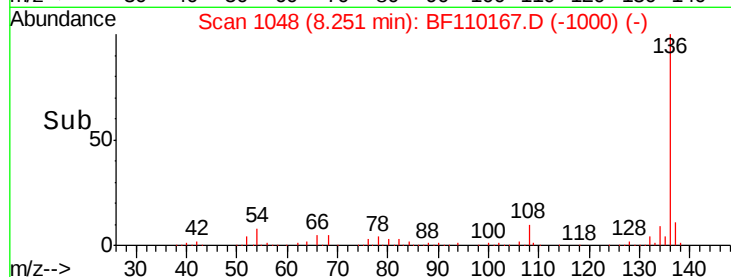
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		572947		
137	10.8	8.8	13.2		
54	8.0	5.4	8.2		
68	5.3	4.2	6.2		

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.648 ng

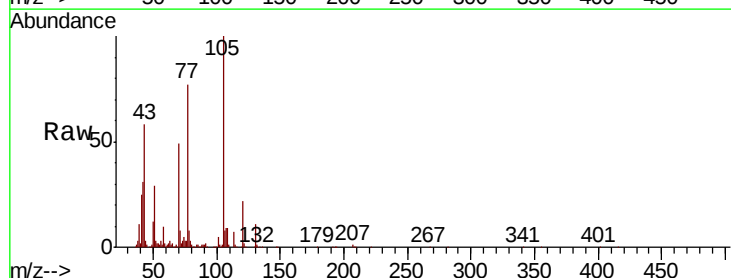
RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

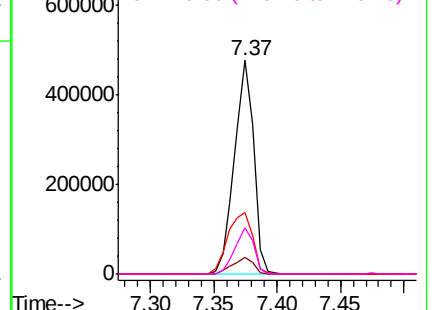
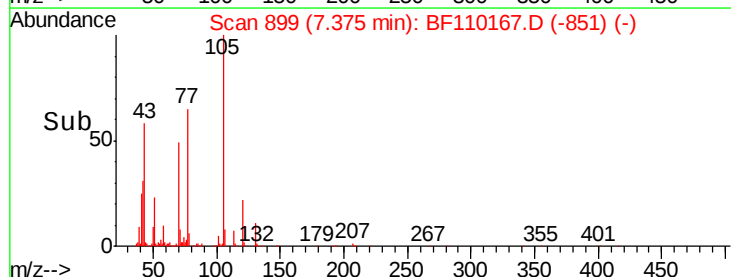
Lab File: BF110167.D

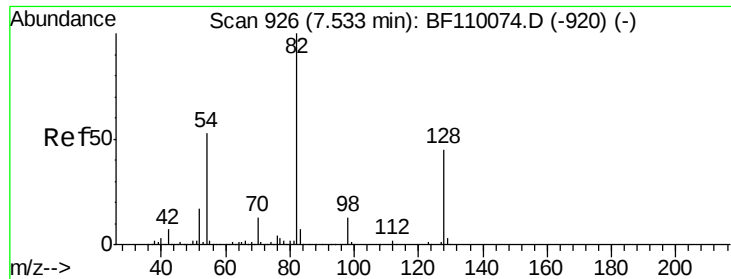
Acq: 25 Oct 2018 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		497025		
71	8.0	5.2	7.8#		
51	28.5	21.8	32.8		
120	21.6	17.0	25.4		



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





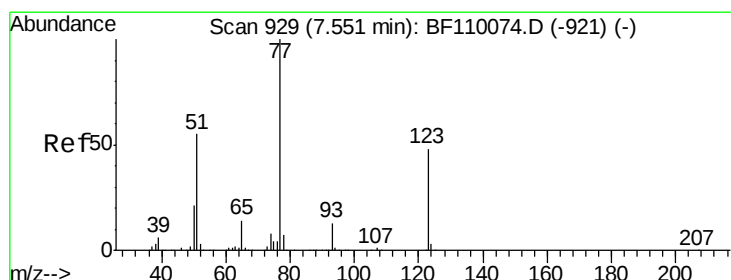
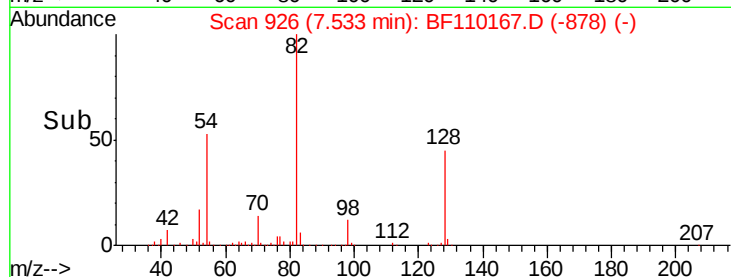
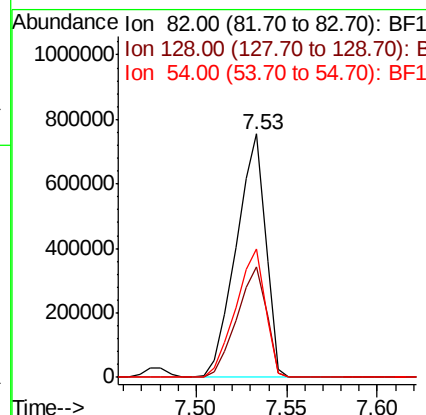
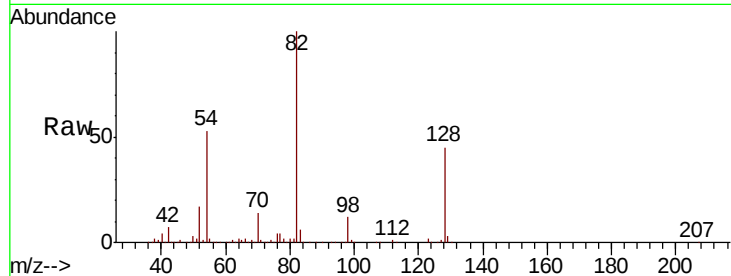
#23
 Nitrobenzene-d5
 Concen: 88.252 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.2	51.2
54	52.6	38.6	58.0

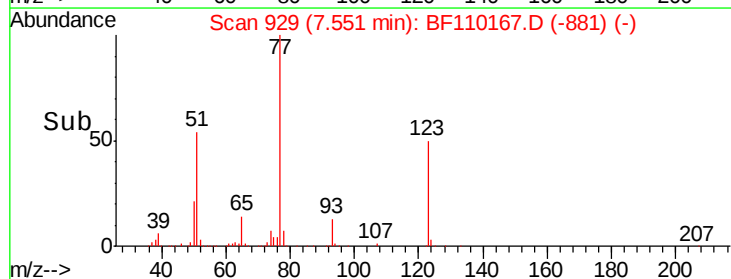
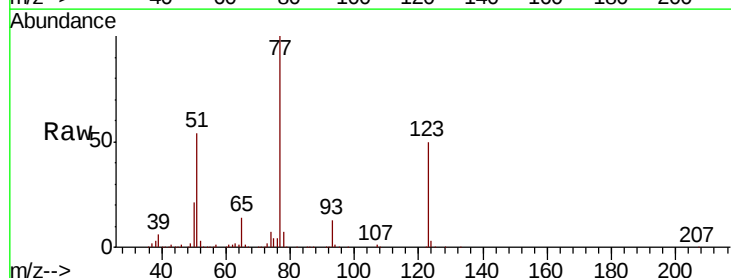
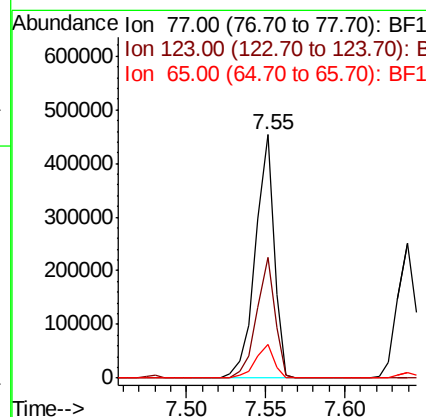
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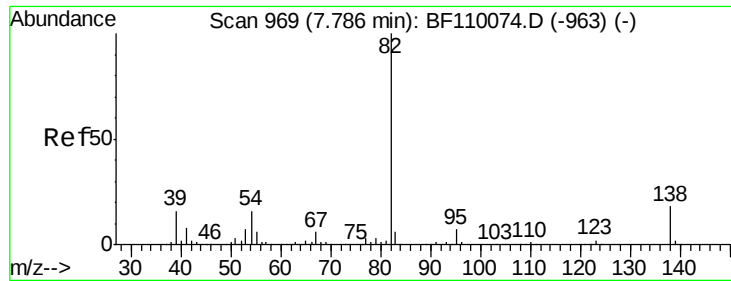
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#24
 Nitrobenzene
 Concen: 37.366 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	35.7	53.5
65	13.9	10.7	16.1





#25

Isophorone

Concen: 41.805 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

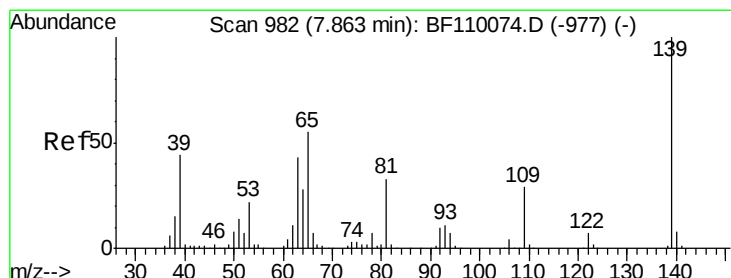
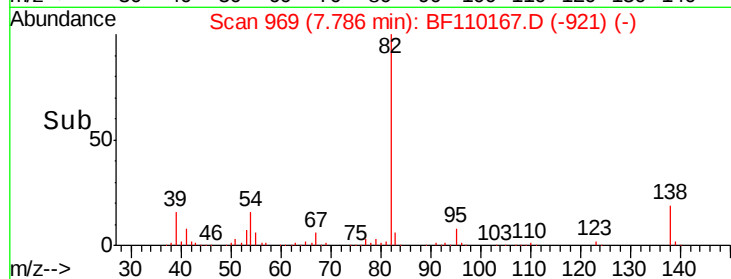
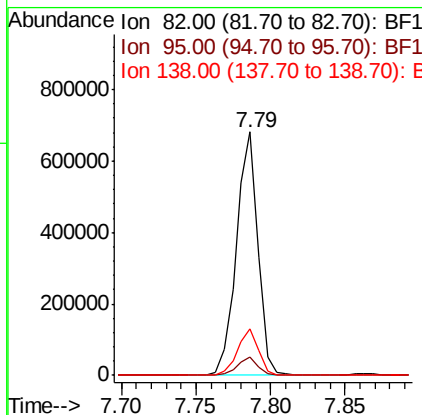
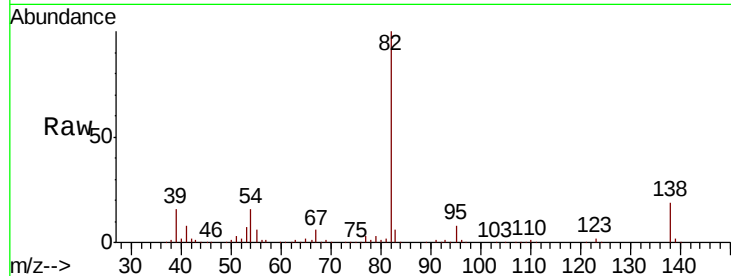
ClientSampleId :

HP-GRID-BMSD

Tot Ion:	82	Resp:	688368
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	19.0	13.2	19.8

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#26

2-Nitrophenol

Concen: 39.895 ng

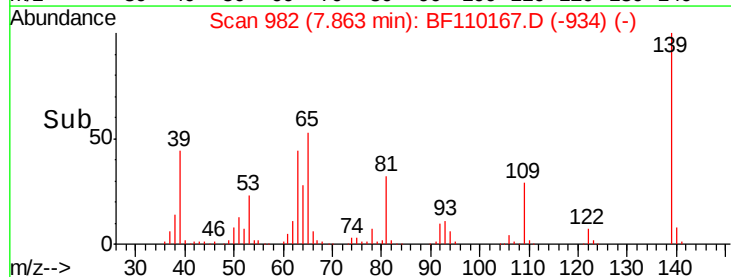
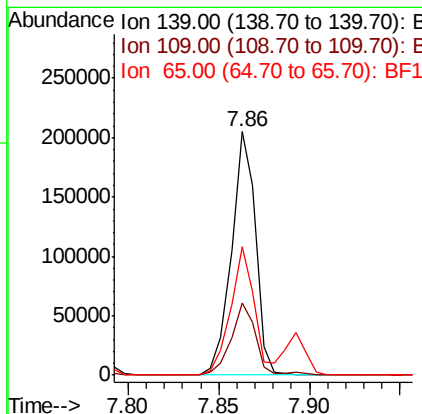
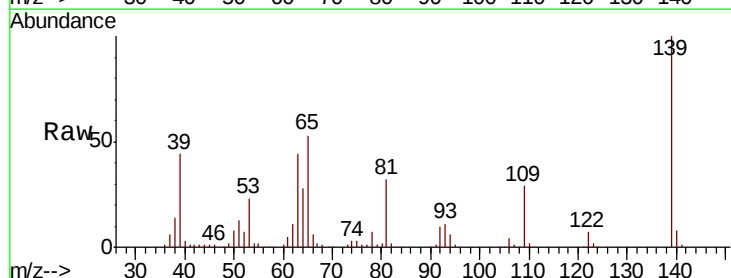
RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:	139	Resp:	189331
Ion Ratio	Lower	Upper	
139	100		
109	29.4	25.0	37.6
65	52.6	44.0	66.0





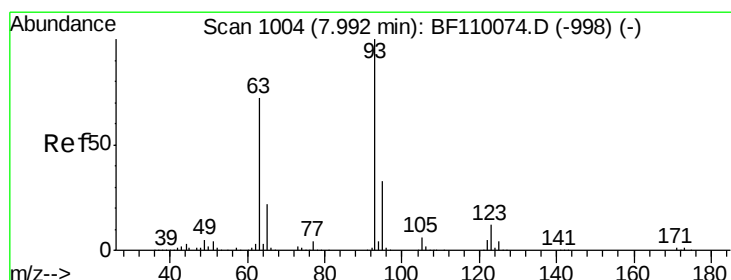
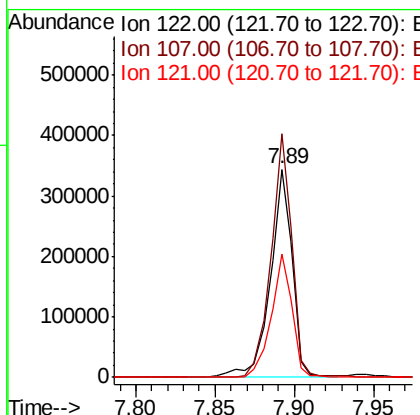
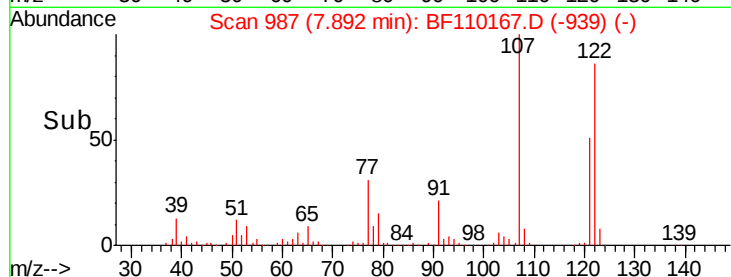
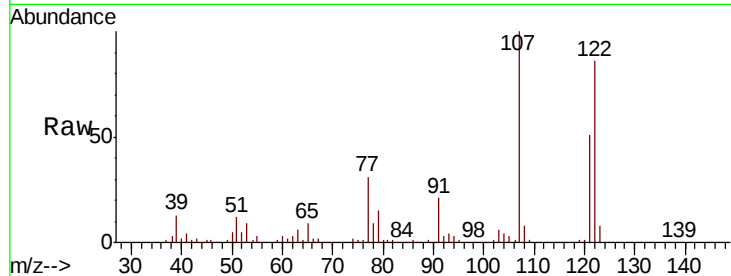
#27
2,4-Dimethylphenol
Concen: 42.289 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		332739		
107	116.9	92.5	138.7		
121	59.3	45.8	68.8		

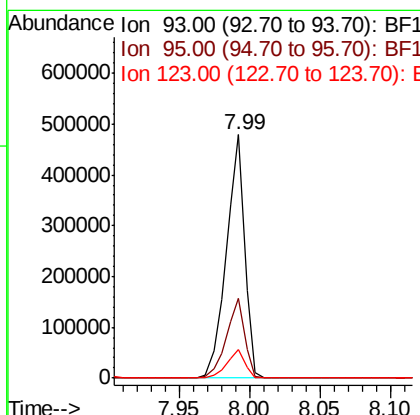
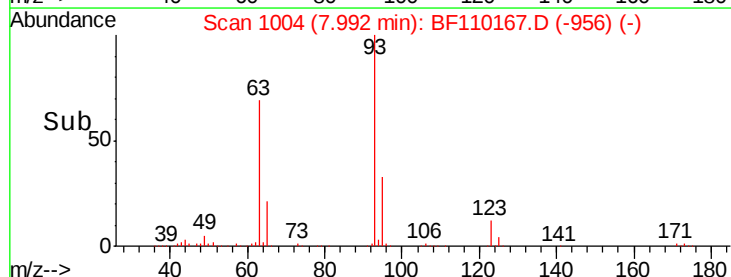
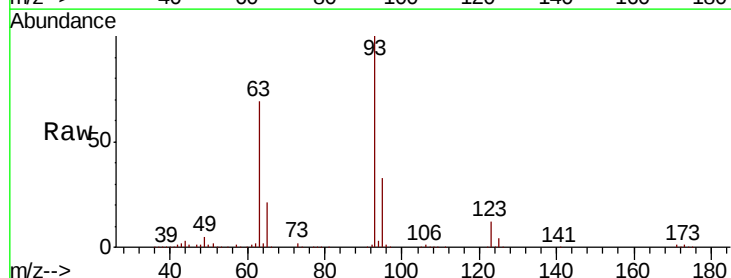
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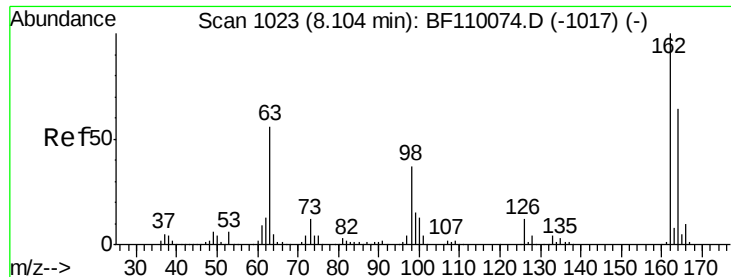
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.634 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		432161		
95	33.0	26.4	39.6		
123	11.8	9.0	13.6		





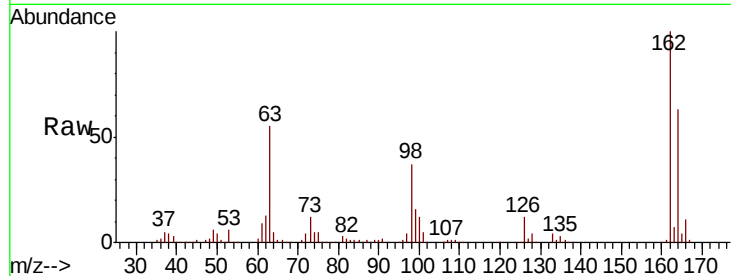
#29
2,4-Dichlorophenol
Concen: 38.327 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.2	44.6	84.6
98	36.7	17.4	57.4

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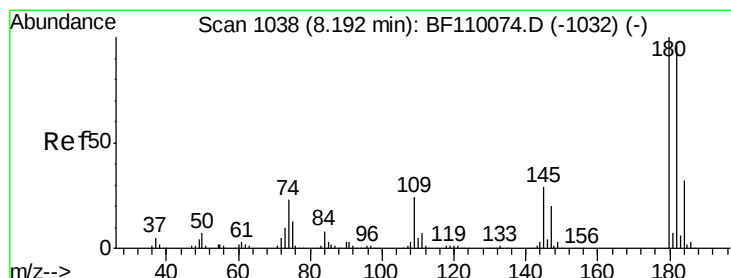
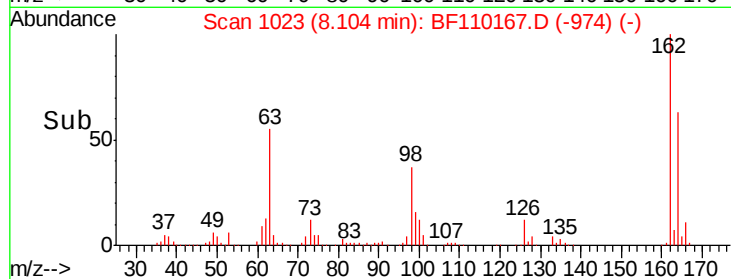
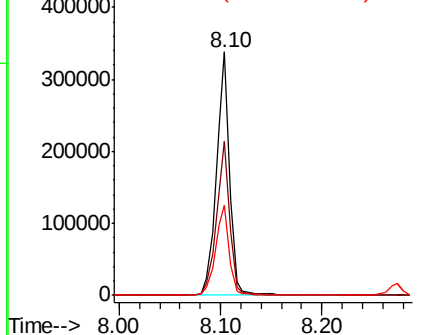


Abundance

Ion 162.00 (161.70 to 162.70): E

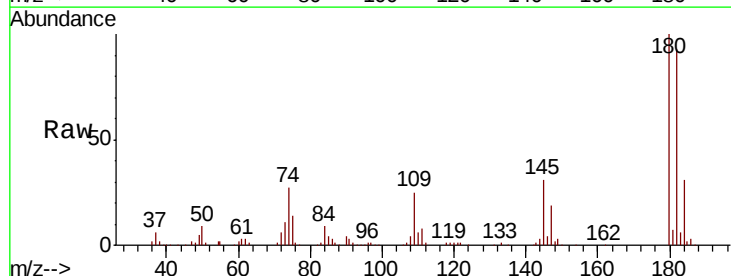
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 35.334 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.4	80.3	120.5
145	31.0	25.4	38.0

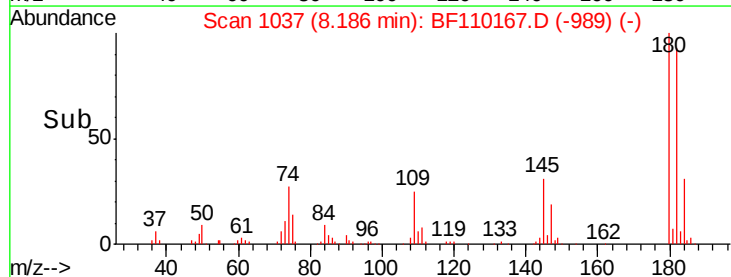
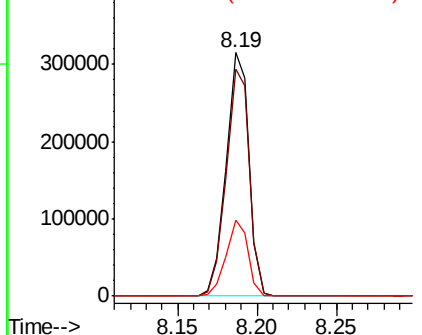


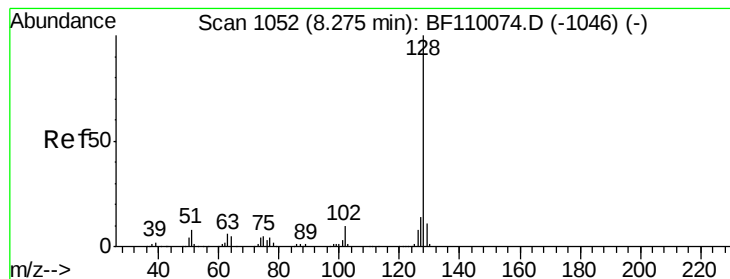
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.492 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

HP-GRID-BMSD

Tot Ion:128 Resp: 1042839

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

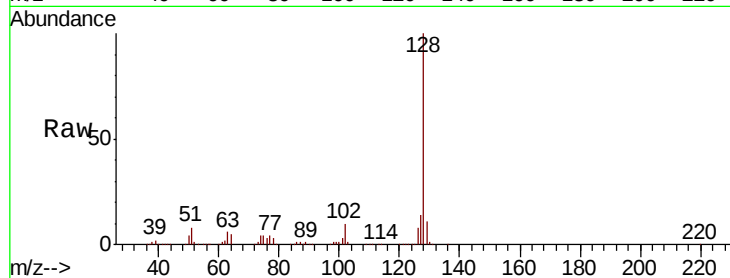
127 13.5 10.8 16.2

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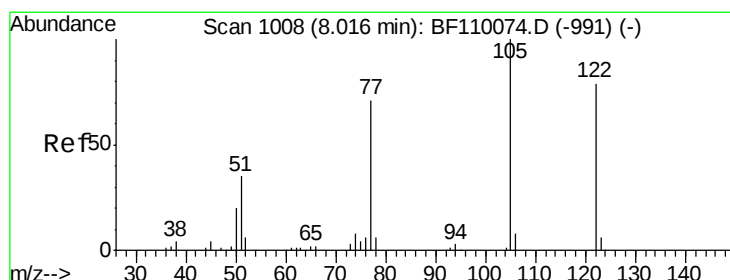
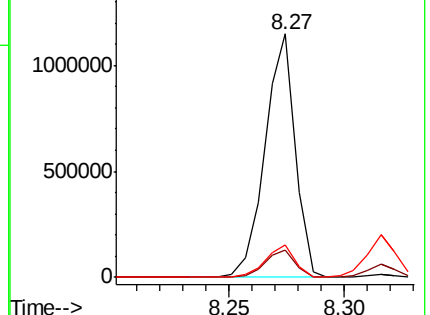
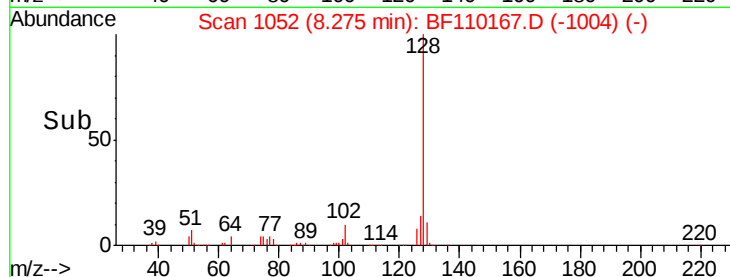


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 54.715 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.12 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

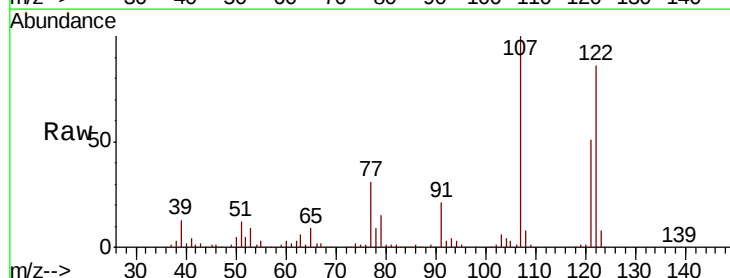
Tgt Ion:122 Resp: 332739

Ion Ratio Lower Upper

122 100

105 3.7 109.0 149.0#

77 36.2 79.0 119.0#

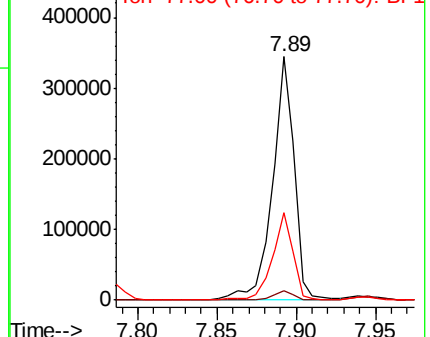
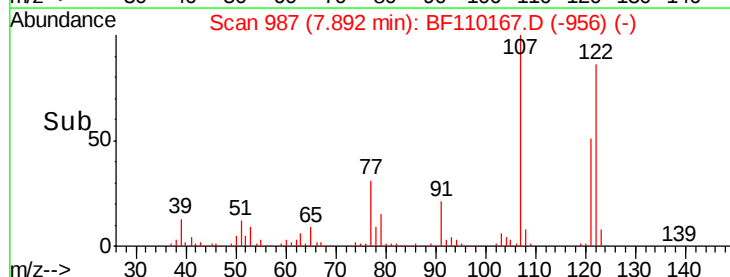


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





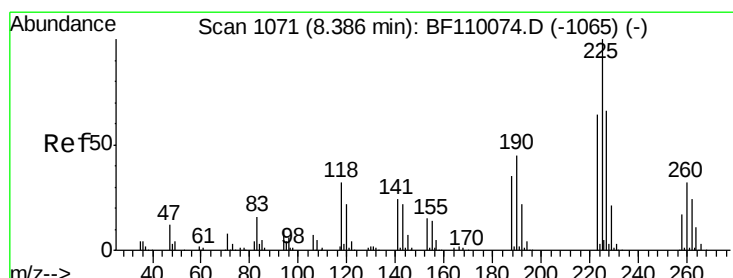
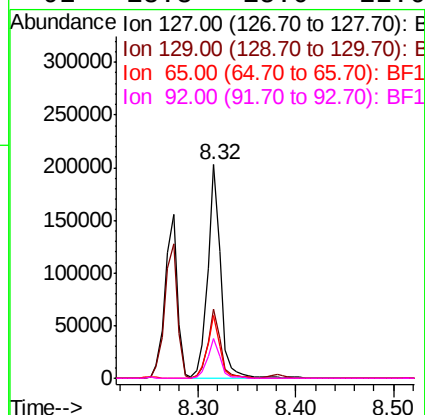
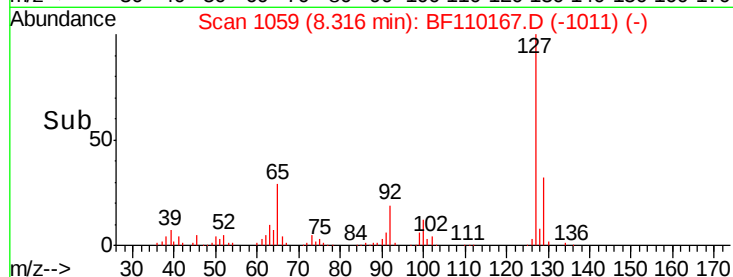
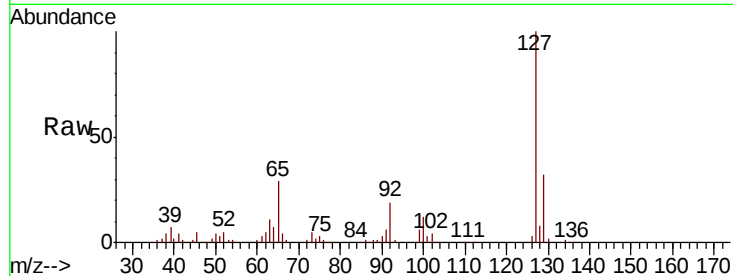
#33
4-Chloroaniline
Concen: 15.590 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		185282		
129	32.1	26.0	39.0		
65	29.5	25.1	37.7		
92	18.8	15.0	22.6		

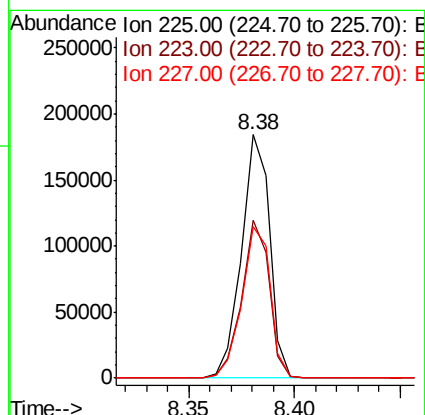
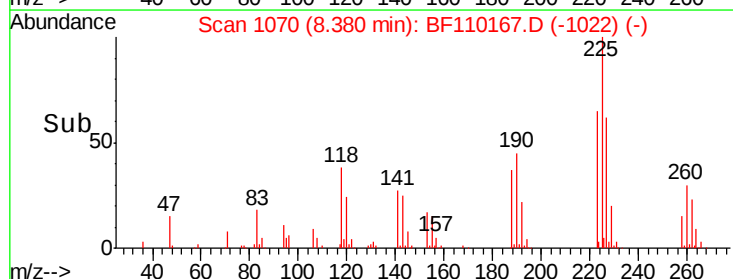
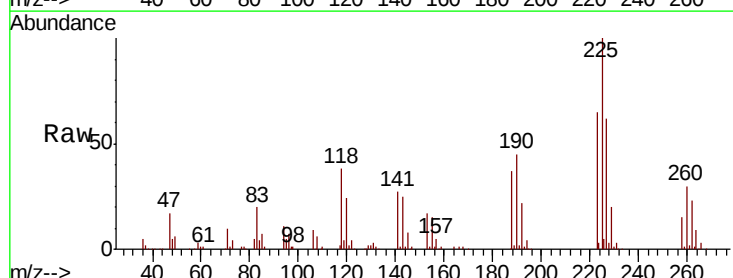
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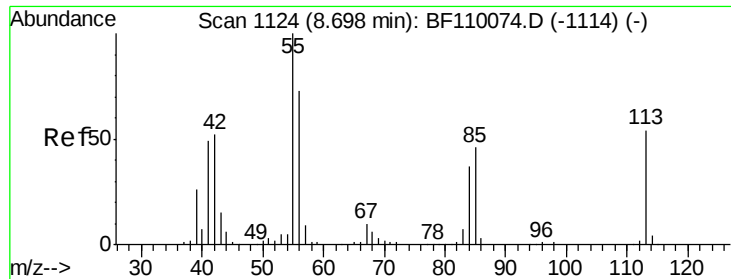
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#34
Hexachlorobutadiene
Concen: 34.256 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		169358		
223	64.7	51.4	77.2		
227	62.1	51.0	76.6		





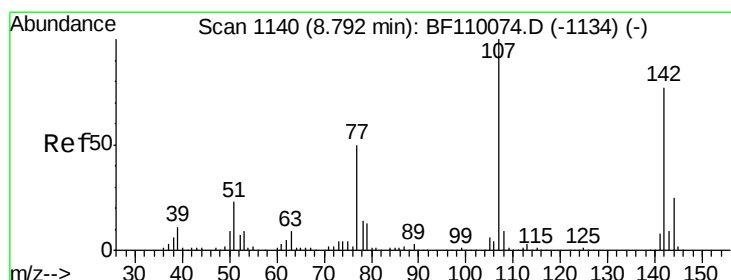
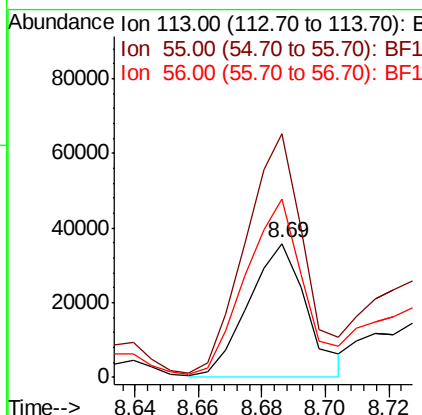
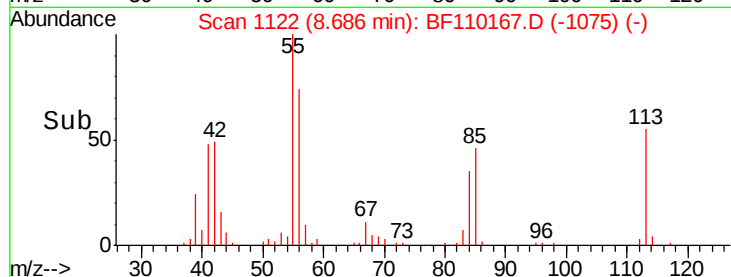
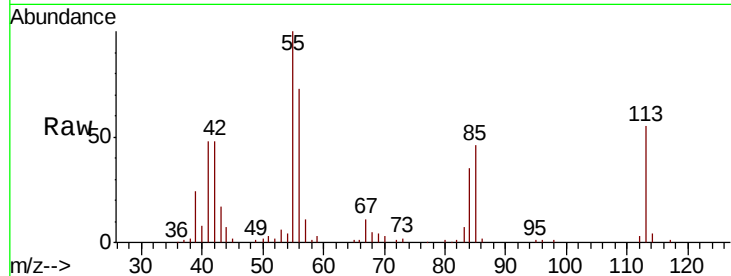
#35
Caprolactam
Concen: 16.606 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	181.9	142.8	182.8		
56	132.9	105.0	145.0		

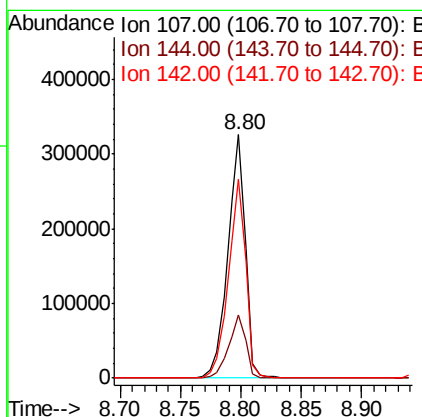
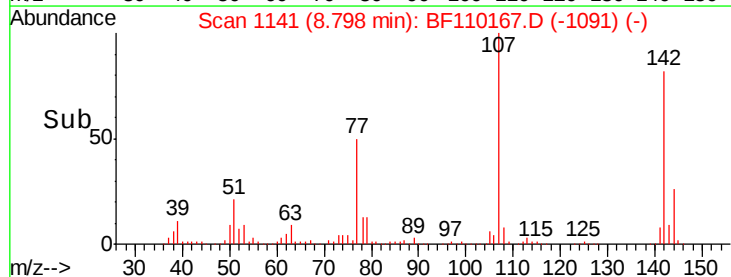
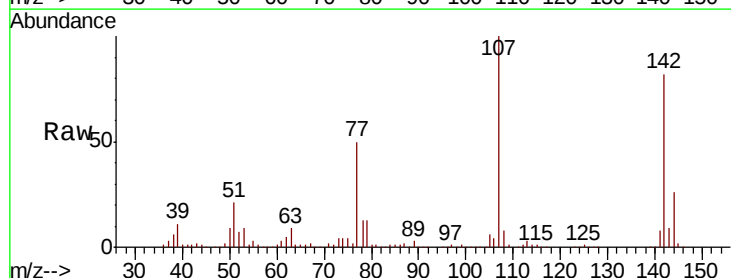
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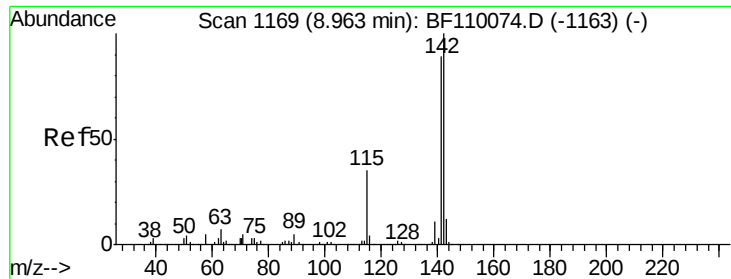
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#36
4-Chloro-3-methylphenol
Concen: 38.047 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.1	20.0	30.0		
142	81.6	59.7	89.5		





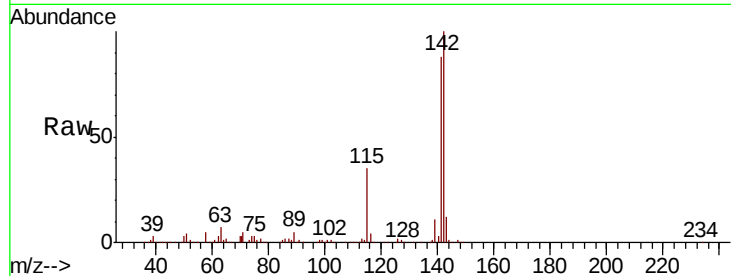
#37
2-Methylnaphthalene
Concen: 40.505 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	35.0	28.7	43.1

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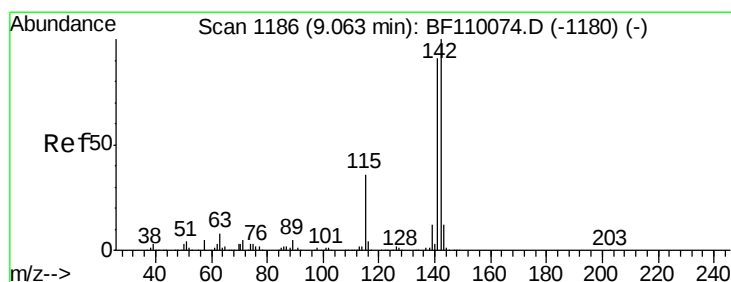
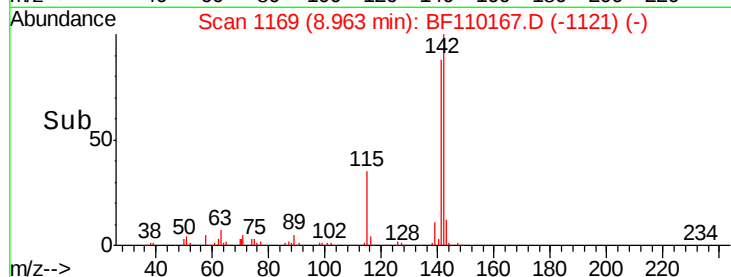
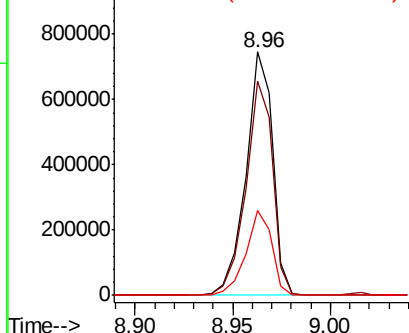


Abundance

Ion 142.00 (141.70 to 142.70): E

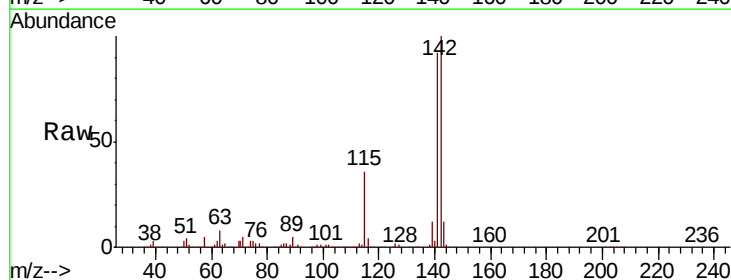
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.576 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.7	2.6	4.0

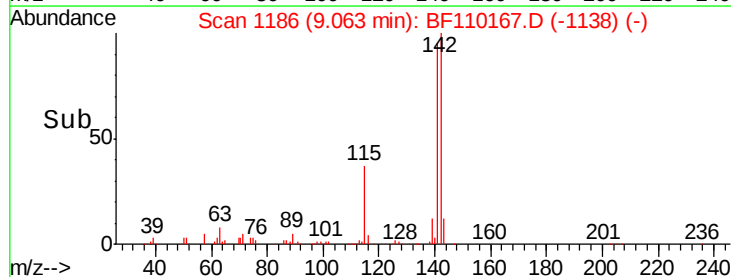
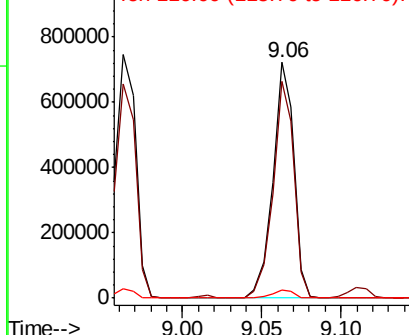


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

HP-GRID-BMSD

Tot Ion:164 Resp: 275104

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

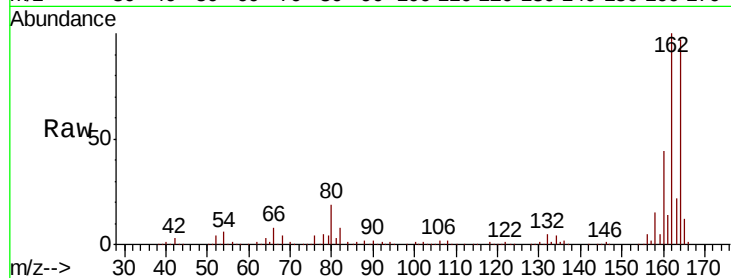
160 45.8 37.0 55.6

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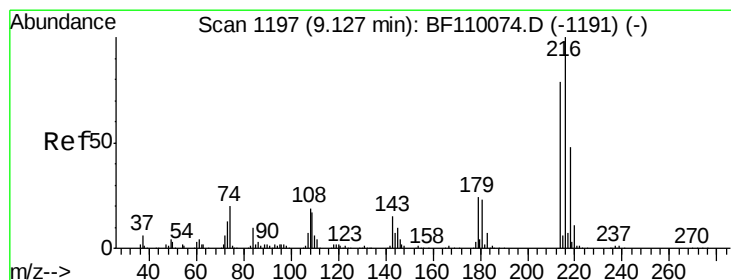
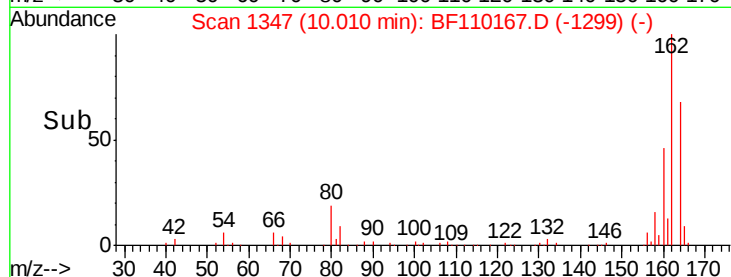
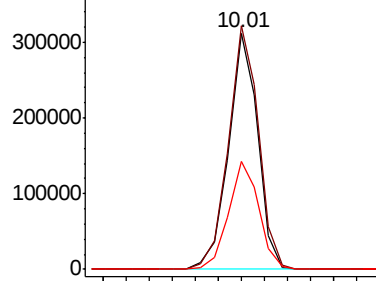


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.565 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:216 Resp: 296280

Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 22.5 16.6 25.0

108 20.9 15.1 22.7

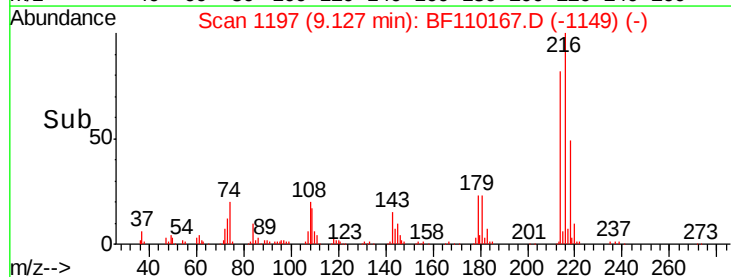
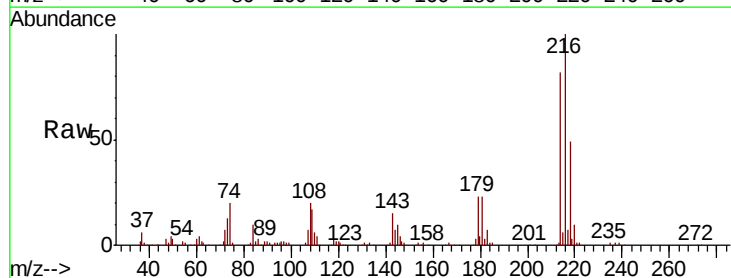
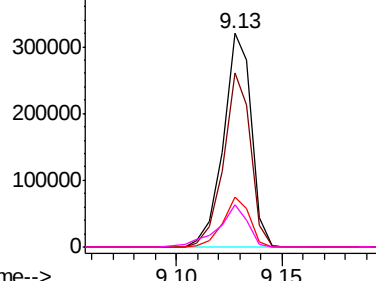
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 53.945 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

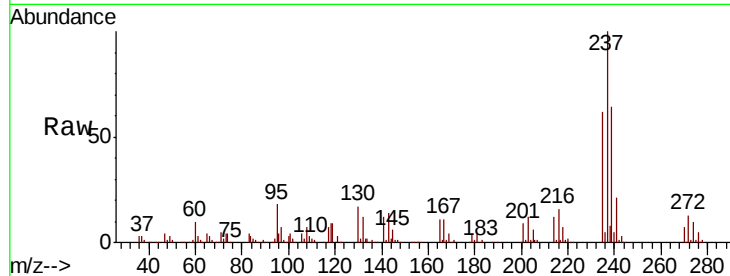
ClientSampleId :

HP-GRID-BMSD

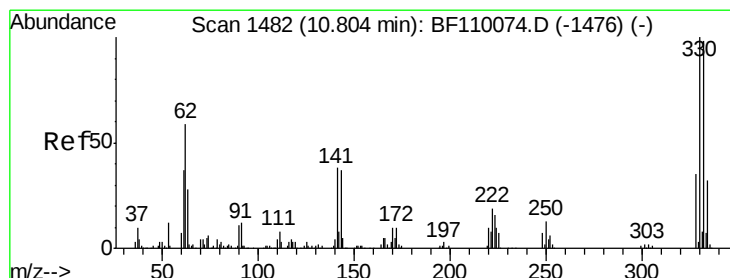
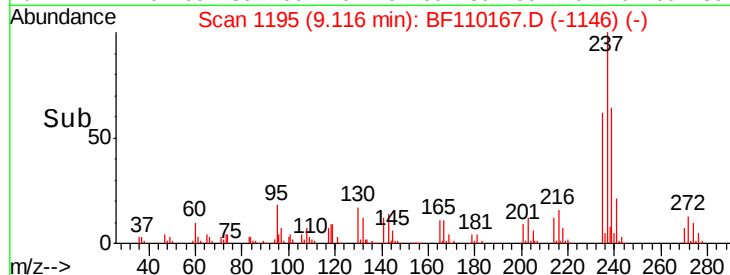
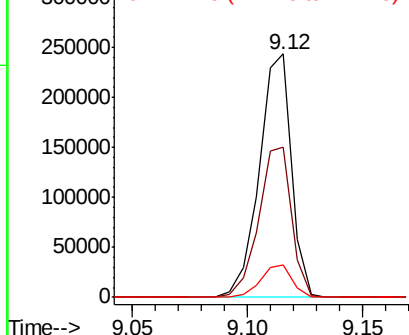
Tot Ion:	237	Resp:	236441
Ion Ratio	Lower	Upper	
237	100		
235	61.6	43.1	83.1
272	13.3	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 121.862 ng

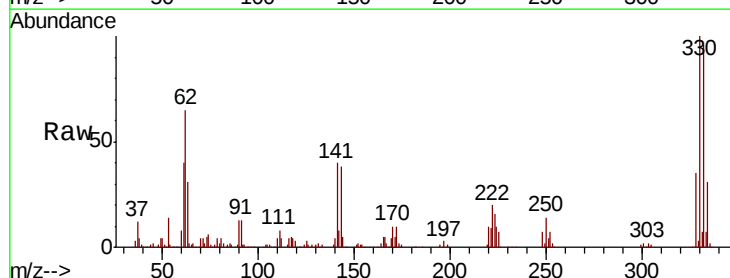
RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

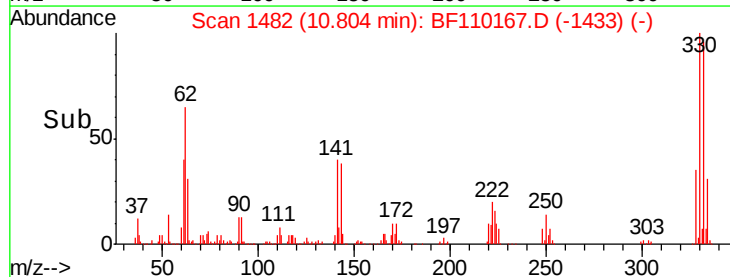
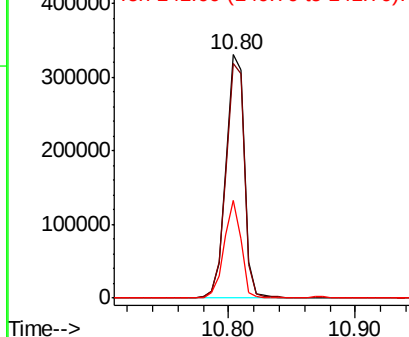
Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:	330	Resp:	332085
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.1	115.7
141	37.2	27.0	40.4



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





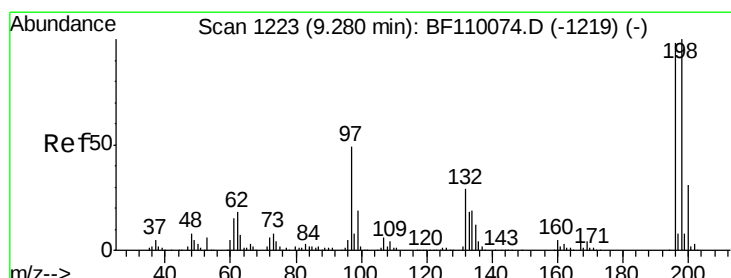
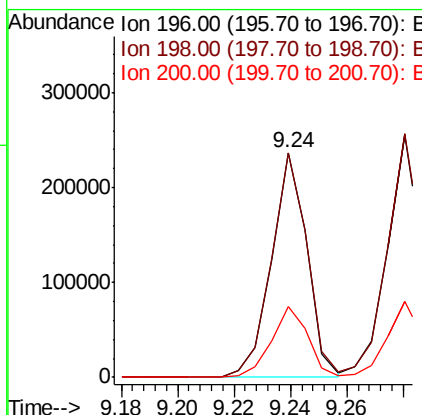
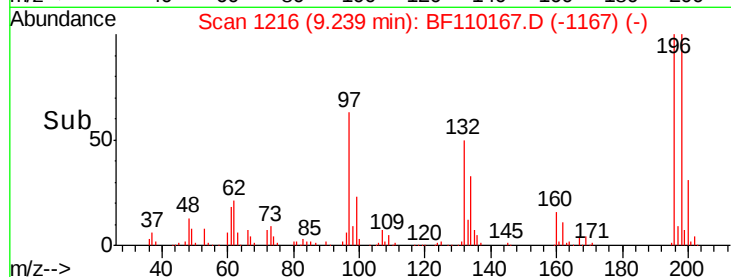
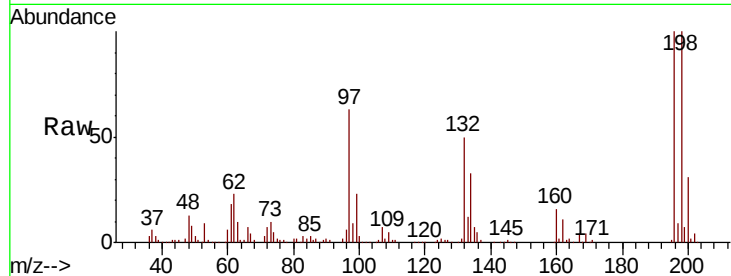
#43
 2,4,6-Trichlorophenol
 Concen: 37.337 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HP-GRID-BMSD

Tot Ion:	196	Resp:	206424
Ion Ratio	Lower	Upper	
196	100		
198	100.1	76.2	114.4
200	31.5	24.4	36.6

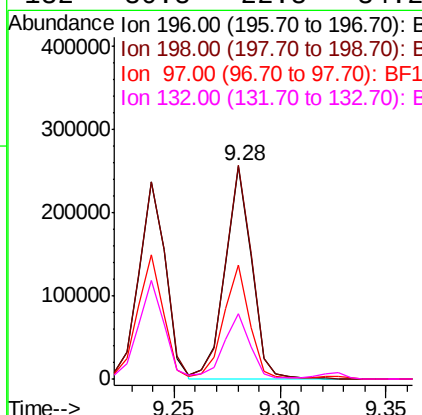
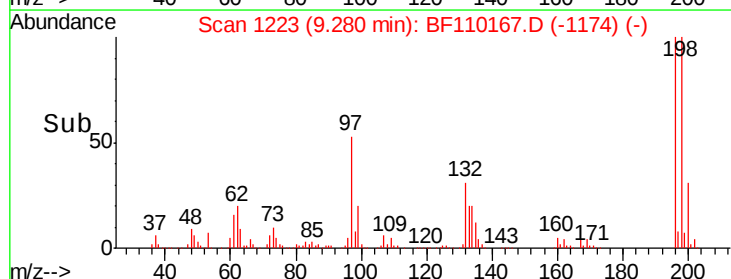
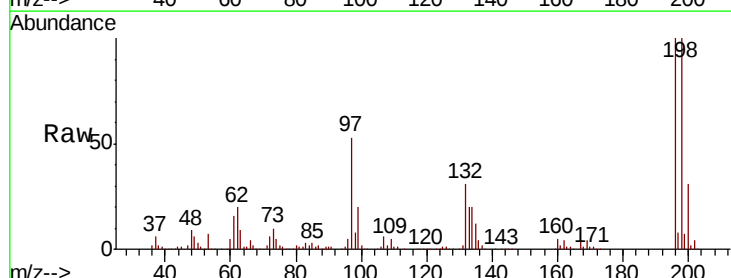
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#44
 2,4,5-Trichlorophenol
 Concen: 37.621 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion:	196	Resp:	219857
Ion Ratio	Lower	Upper	
196	100		
198	100.2	75.8	113.6
97	53.4	42.4	63.6
132	30.8	22.8	34.2





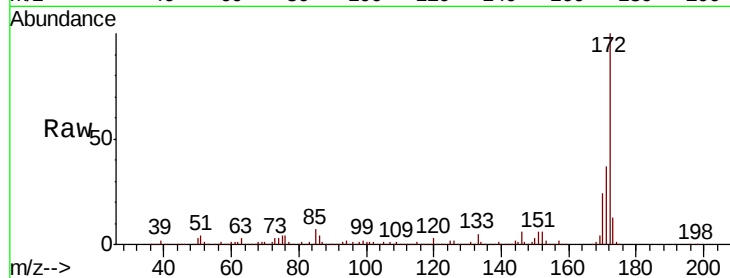
#45
2-Fluorobiphenyl
Concen: 82.847 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	23.9	19.7	29.5

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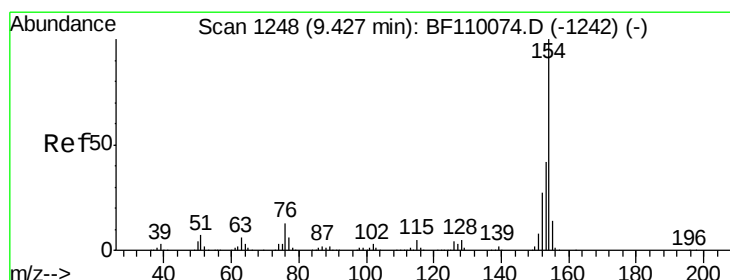
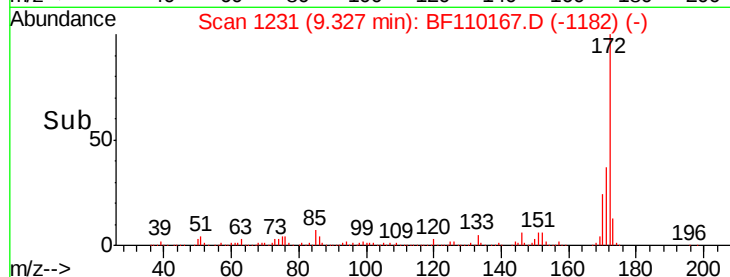
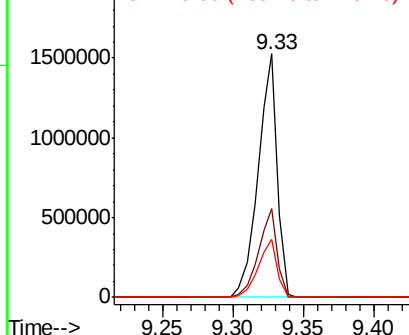


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 34.348 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

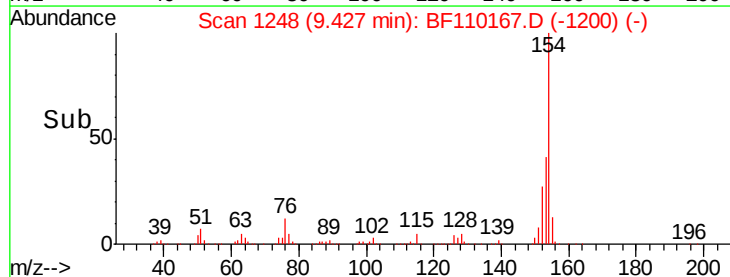
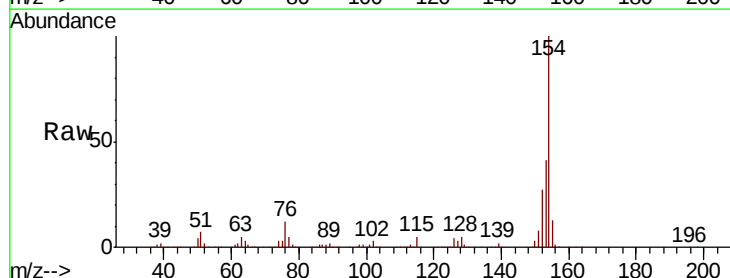
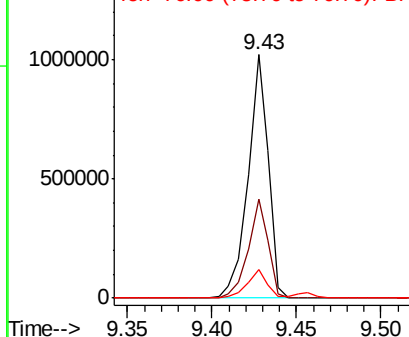
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	11.7	0.0	31.9

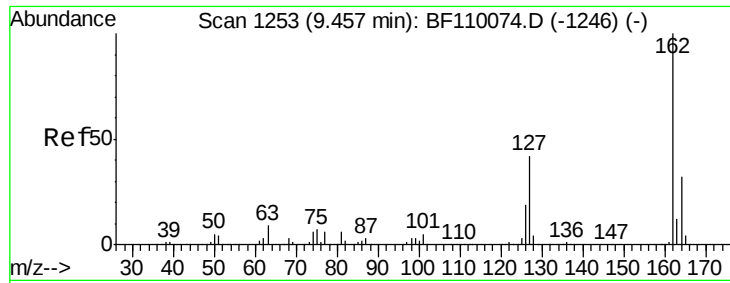
Abundance

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





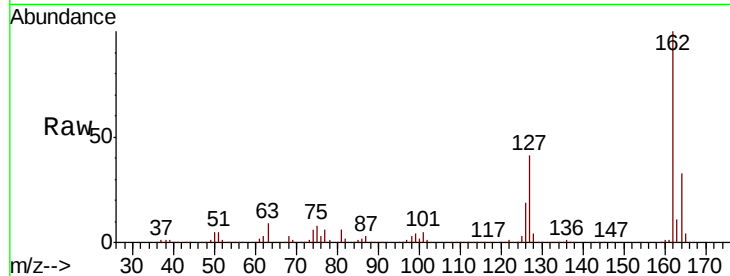
#47
2-Chloronaphthalene
Concen: 35.210 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

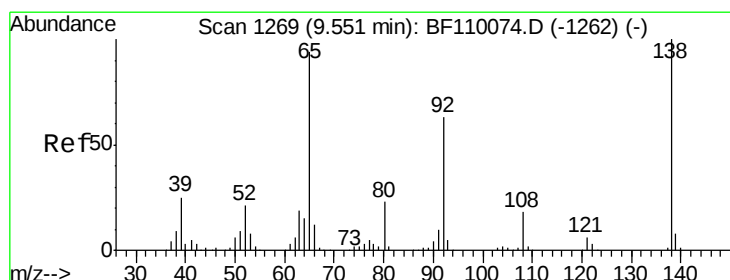
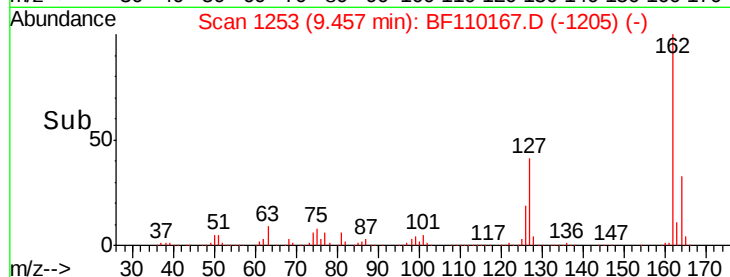
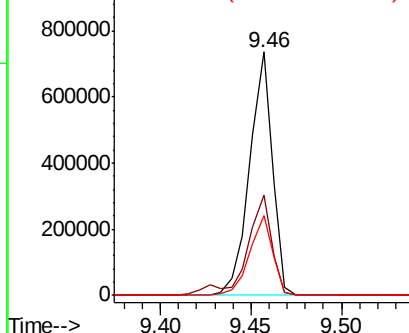
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.6	48.8
164	32.9	25.9	38.9

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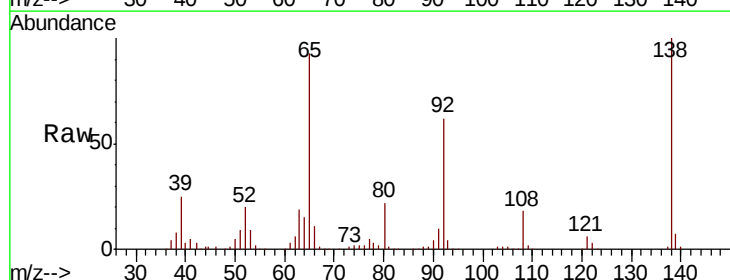


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

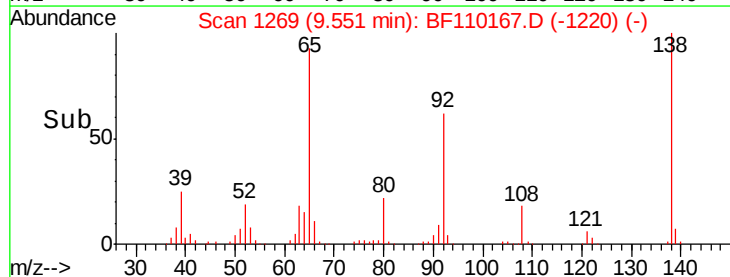
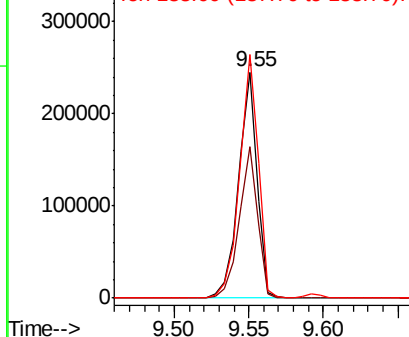


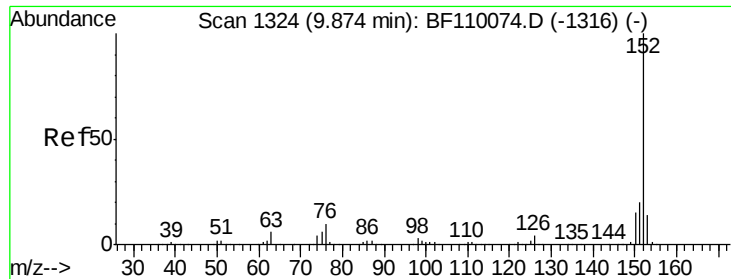
#48
2-Nitroaniline
Concen: 38.465 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	54.6	81.8
138	107.6	80.3	120.5



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





#49

Acenaphthylene

Concen: 38.922 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

HP-GRID-BMSD

Tot Ion:152 Resp: 1025863

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

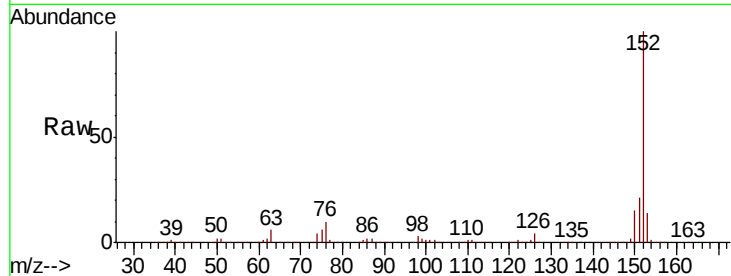
153 14.0 10.4 15.6

Manual Integrations

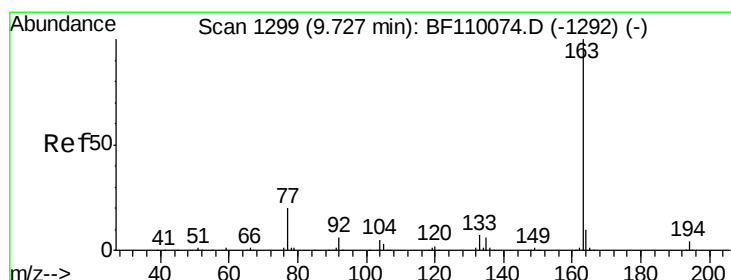
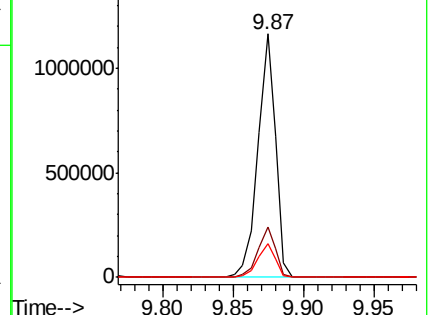
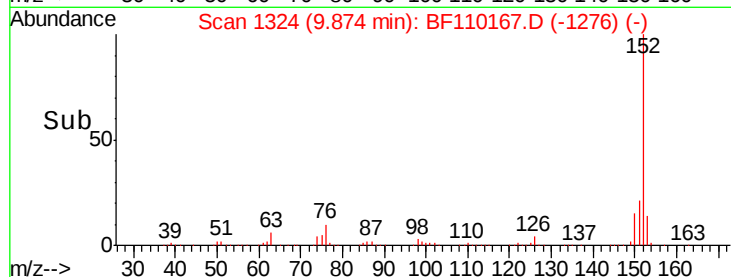
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.448 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

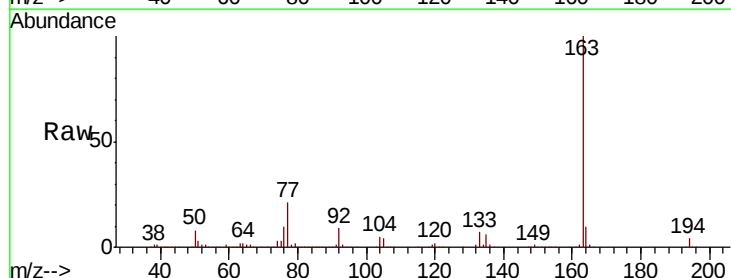
Tgt Ion:163 Resp: 922935

Ion Ratio Lower Upper

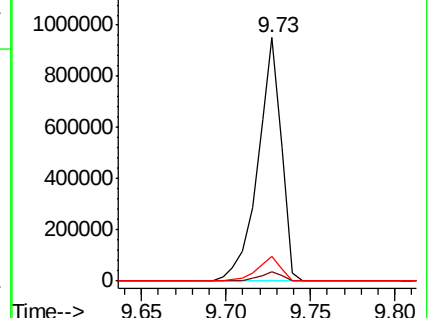
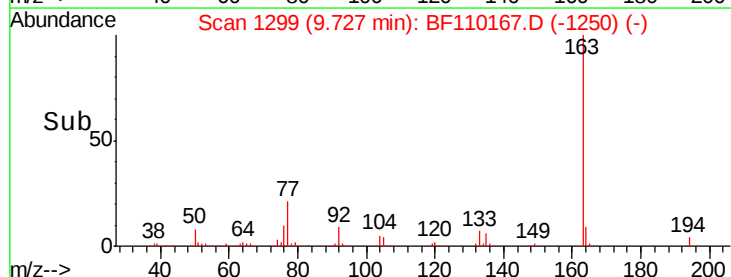
163 100

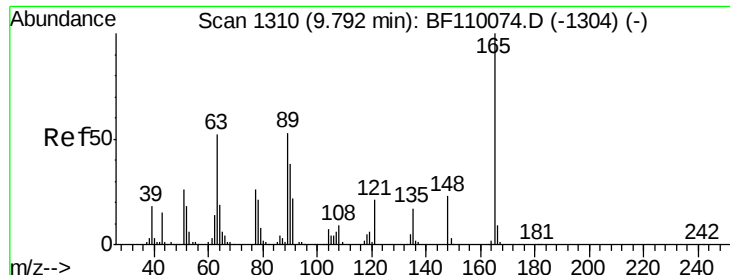
194 3.7 3.2 4.8

164 10.3 8.1 12.1



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





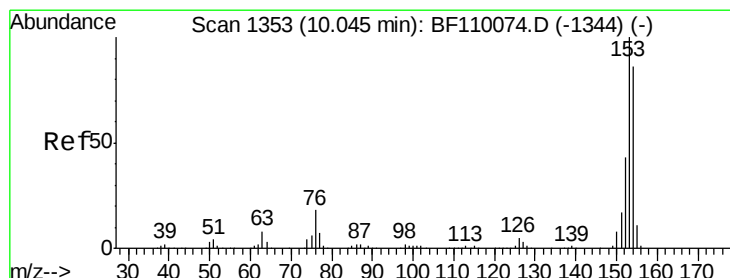
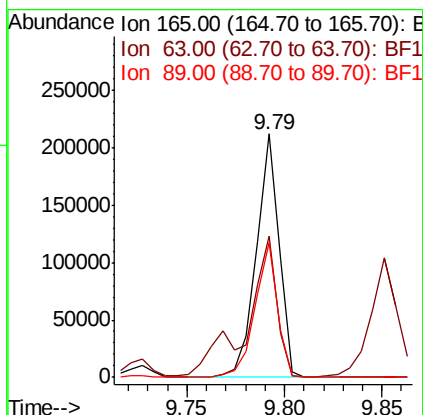
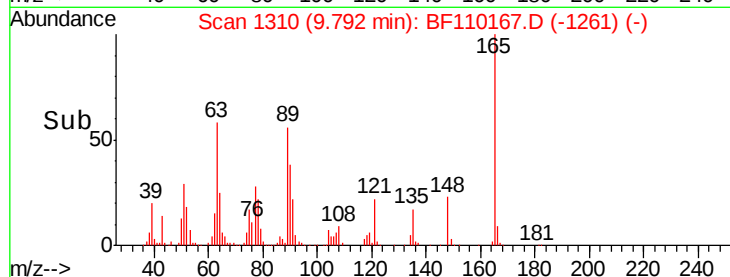
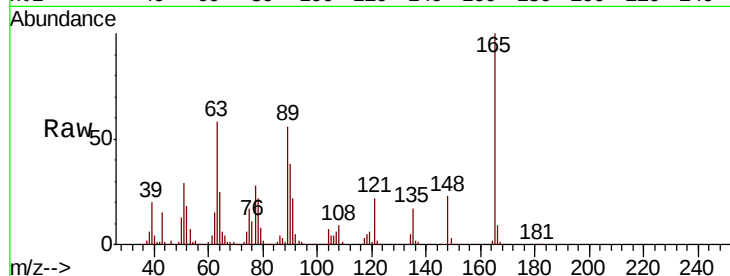
#51
2,6-Dinitrotoluene
Concen: 39.146 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	171235		
63	57.8	48.9	73.3	
89	55.5	46.6	69.8	

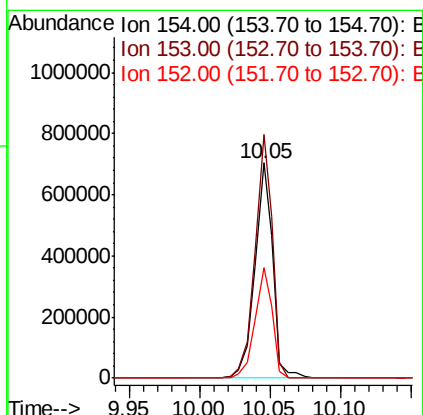
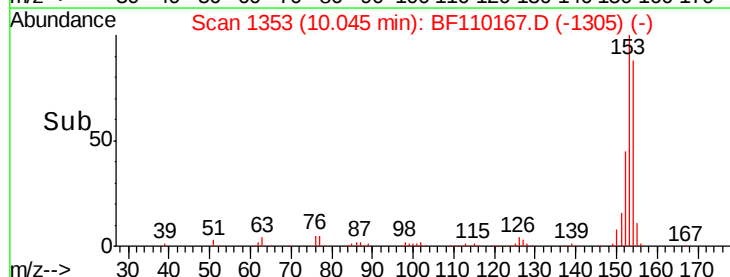
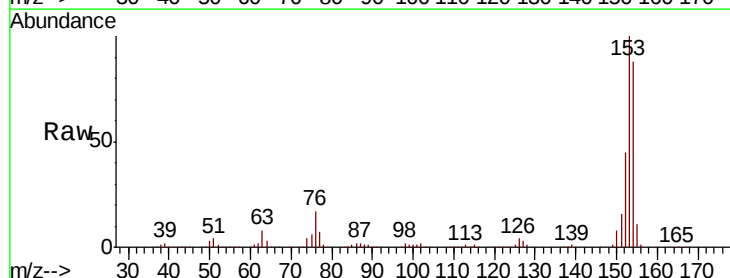
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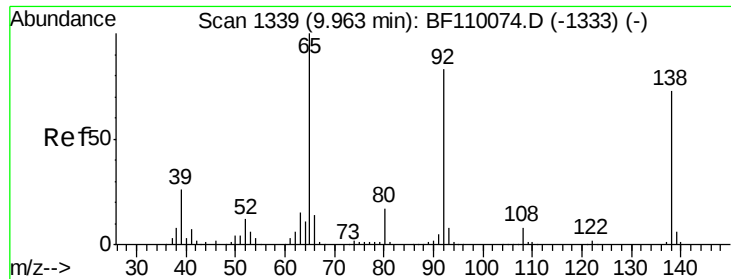
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#52
Acenaphthene
Concen: 35.846 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	625024		
153	113.1	90.1	135.1	
152	51.2	43.4	65.2	





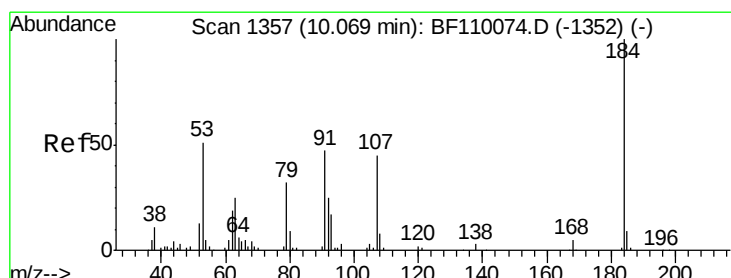
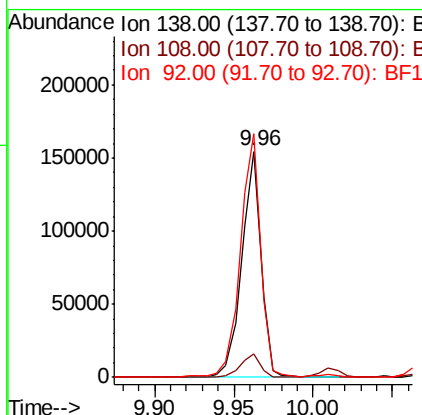
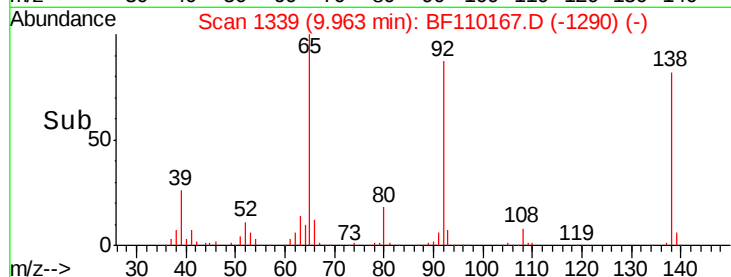
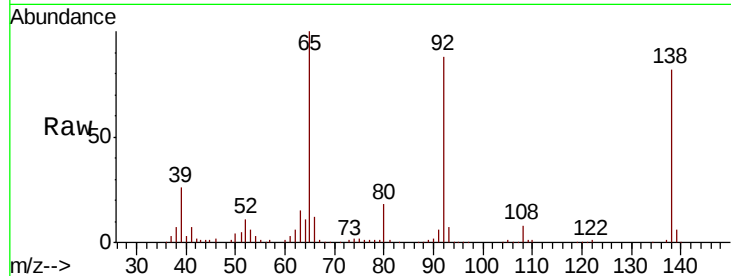
#53
3-Nitroaniline
Concen: 25.052 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	107.6	97.0	145.4

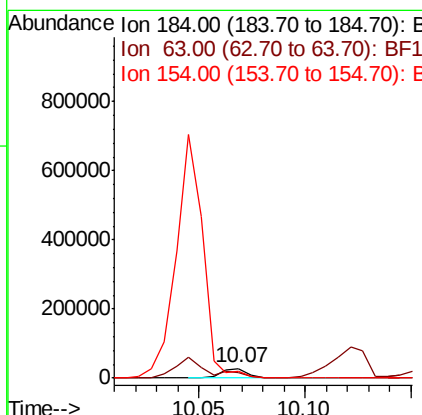
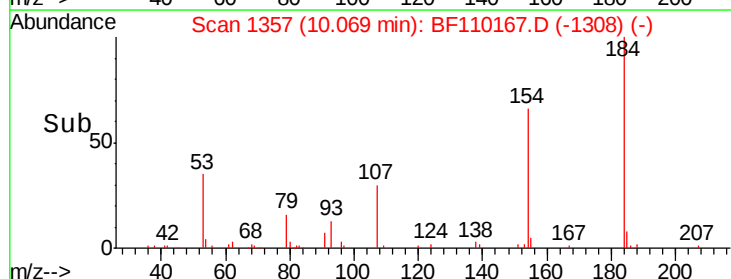
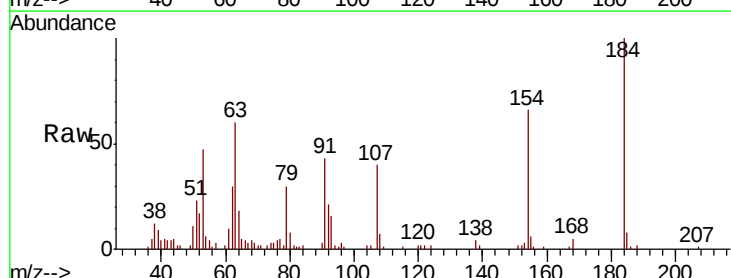
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#54
2,4-Dinitrophenol
Concen: 17.983 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	55.8	83.6
154	66.3	63.2	94.8





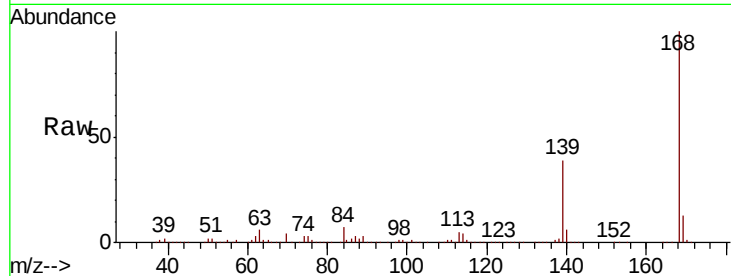
#55
Dibenzenofuran
Concen: 36.417 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

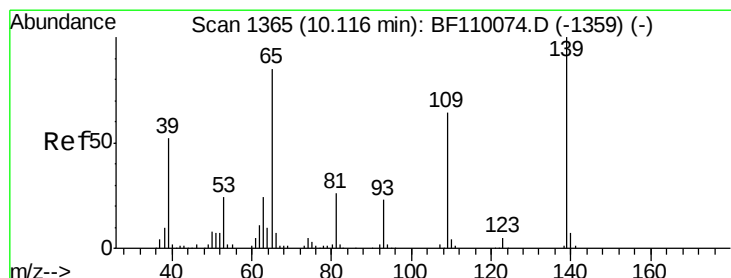
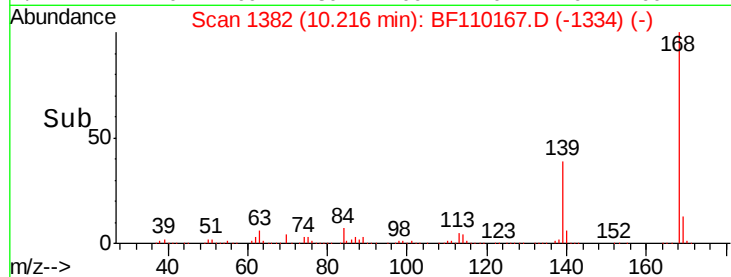
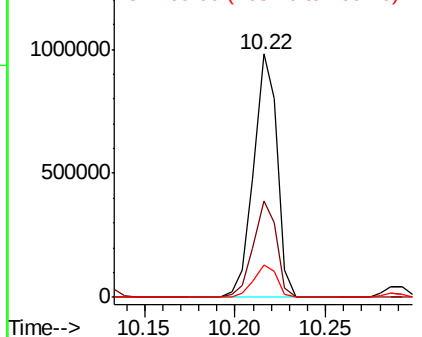
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	33.0	49.6
169	13.5	11.3	16.9

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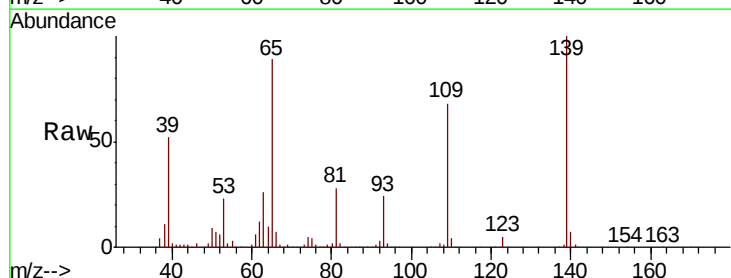


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

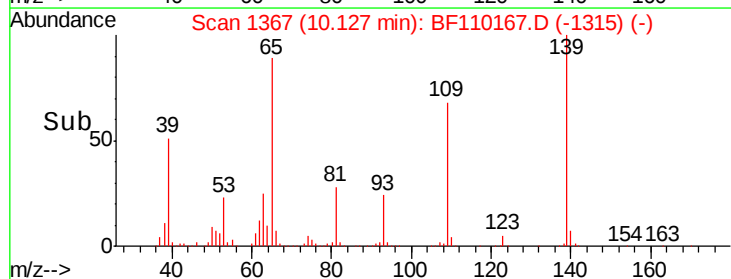
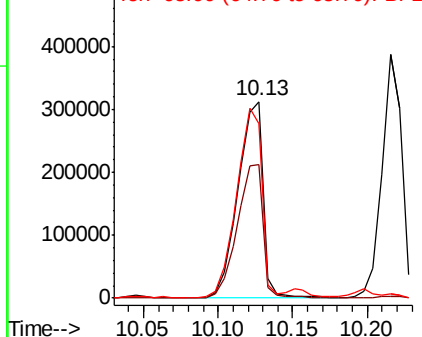


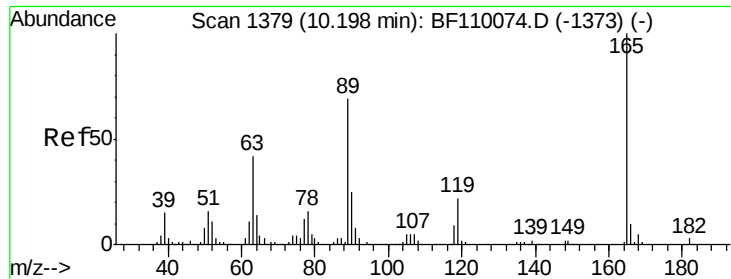
#56
4-Nitrophenol
Concen: 95.321 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.8	55.8	95.8
65	88.9	77.9	117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





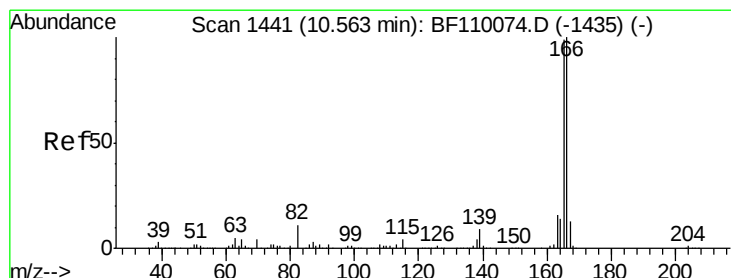
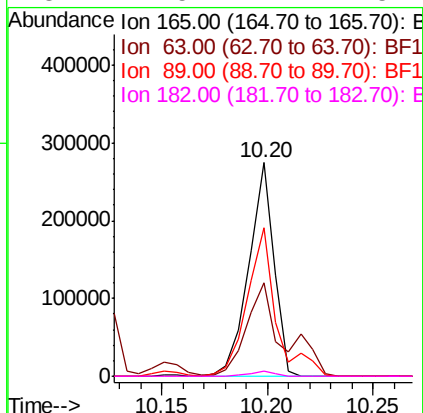
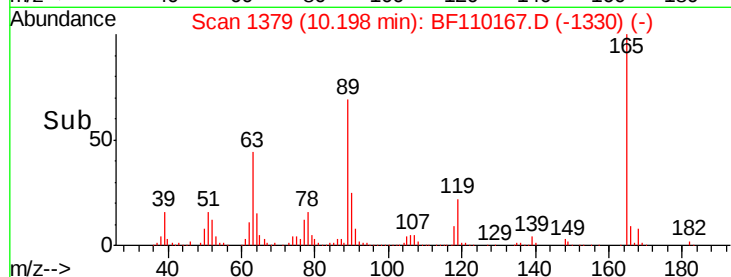
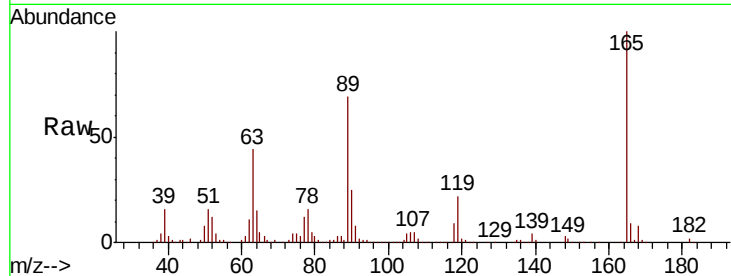
#57
2,4-Dinitrotoluene
Concen: 41.326 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	43.9	44.8	67.2#
89	69.2	62.2	93.4
182	2.5	2.1	3.1

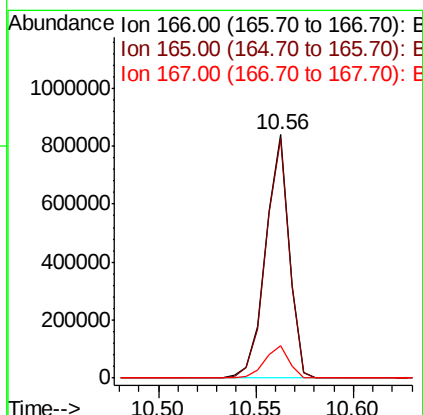
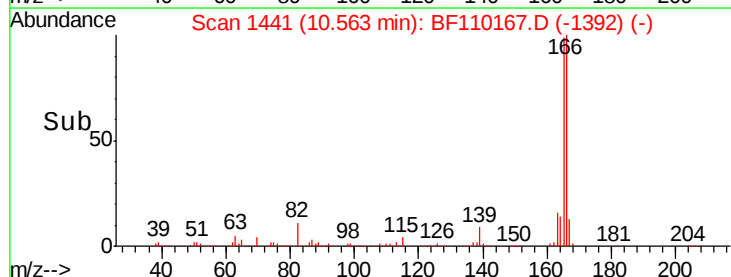
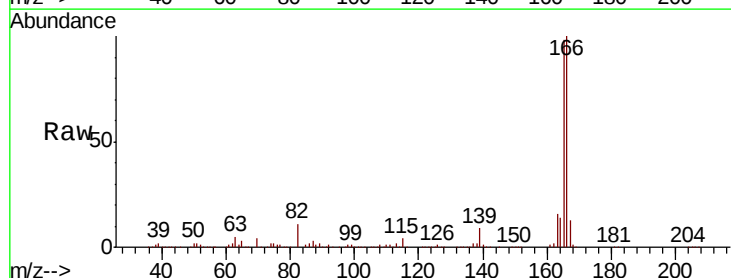
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#58
Fluorene
Concen: 38.501 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.3	78.6	117.8
167	13.1	10.8	16.2





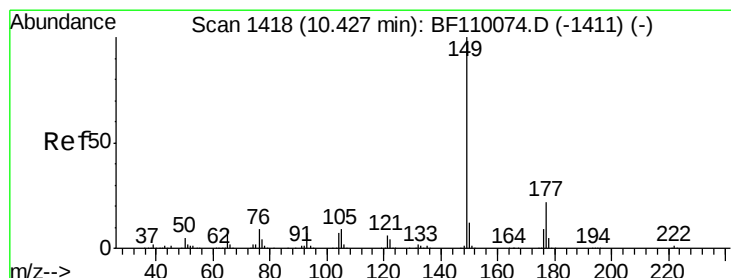
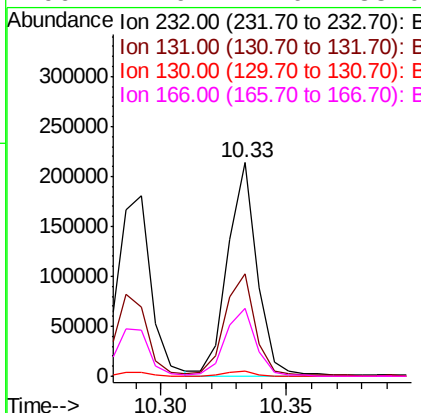
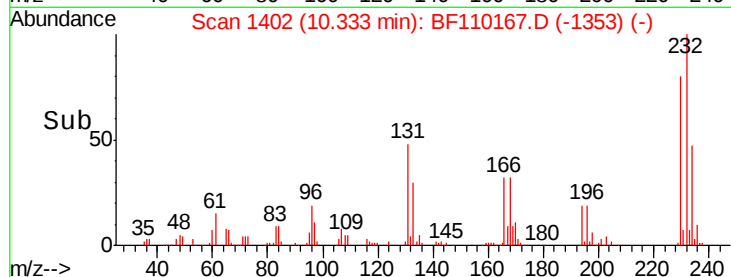
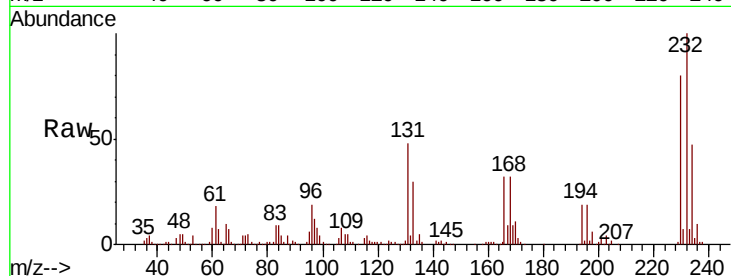
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.246 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		177414		
131	41.3		37.0	55.4	
130	2.2		1.8	2.6	
166	24.9		22.0	33.0	

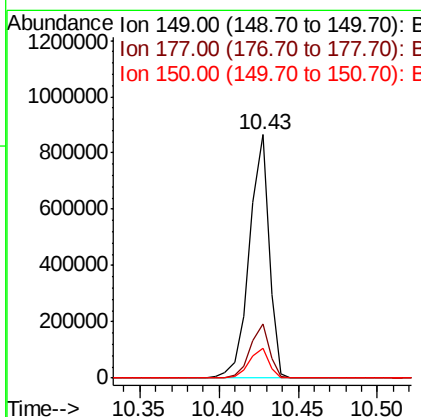
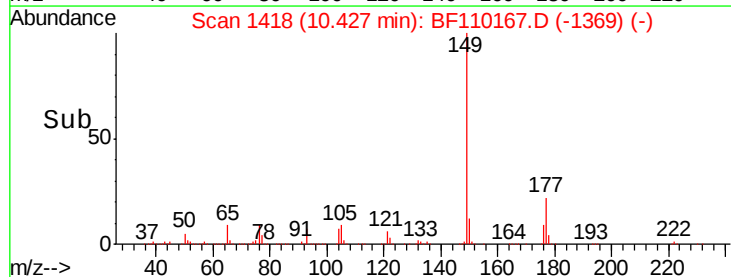
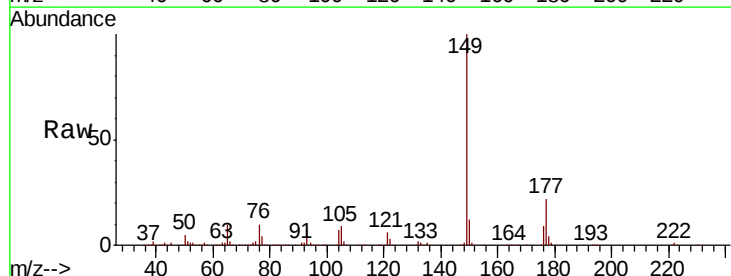
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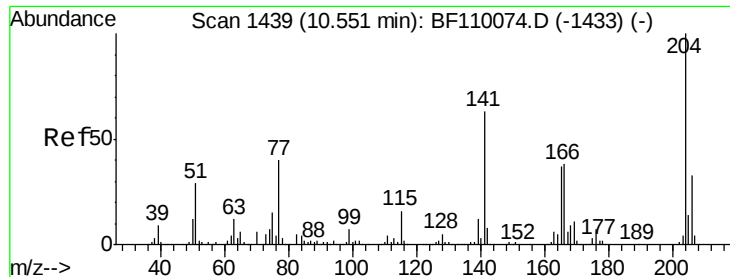
Sohil
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#60
Diethylphthalate
Concen: 37.412 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		741626		
177	22.2		17.4	26.2	
150	12.3		9.8	14.8	





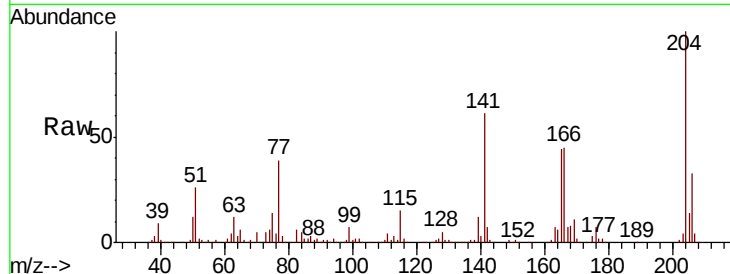
#61
 4-Chlorophenyl-phenylether
 Concen: 34.338 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HP-GRID-BMSD

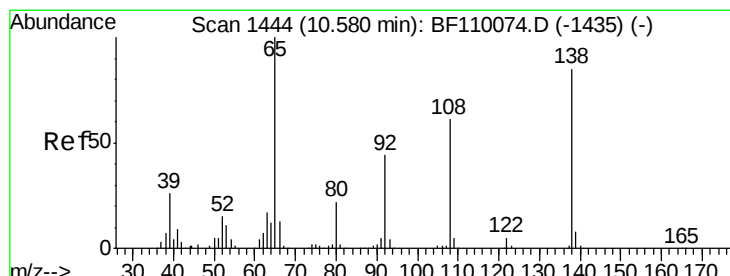
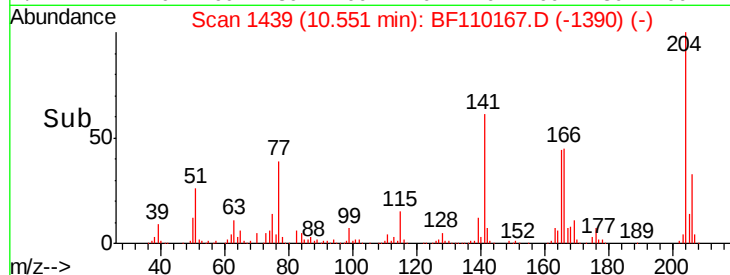
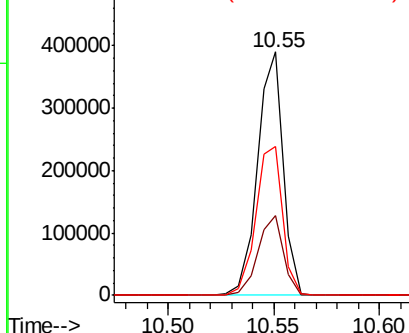
Tot Ion:	204	Resp:	329115
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.5	39.7
141	61.2	51.8	77.8

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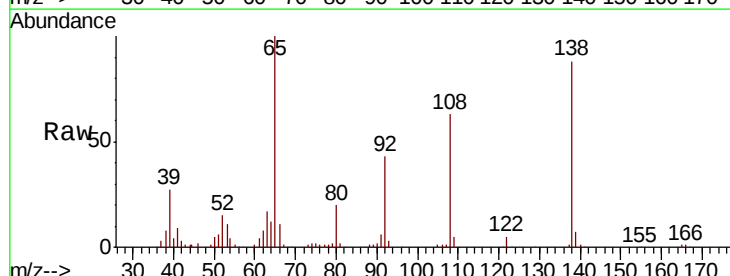


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

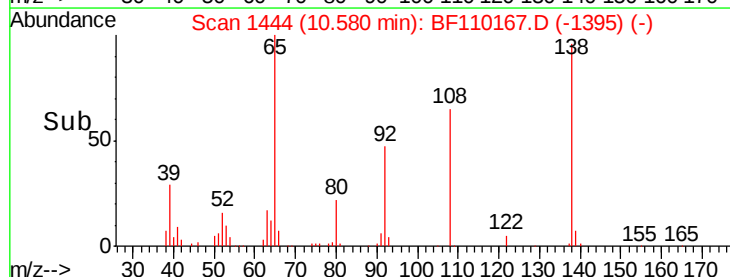
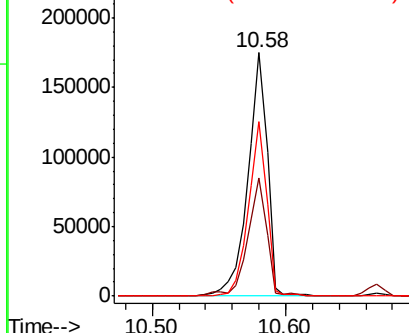


#62
 4-Nitroaniline
 Concen: 33.663 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion:	138	Resp:	174164
Ion Ratio	Lower	Upper	
138	100		
92	48.6	31.7	71.7
108	71.4	59.3	99.3



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





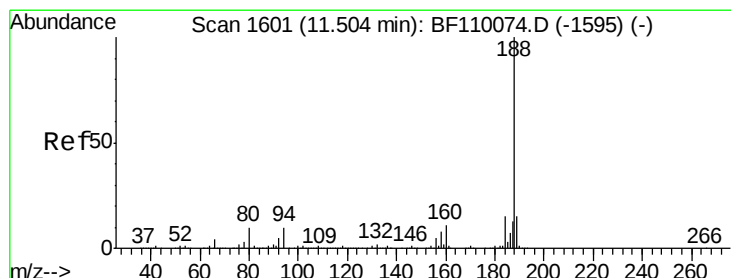
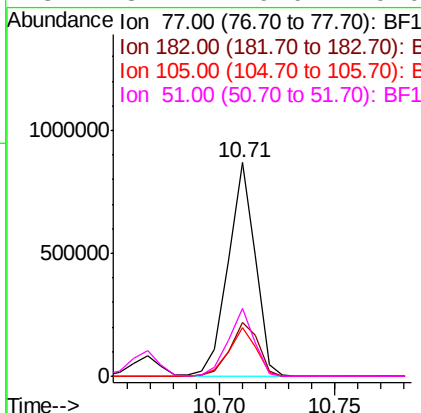
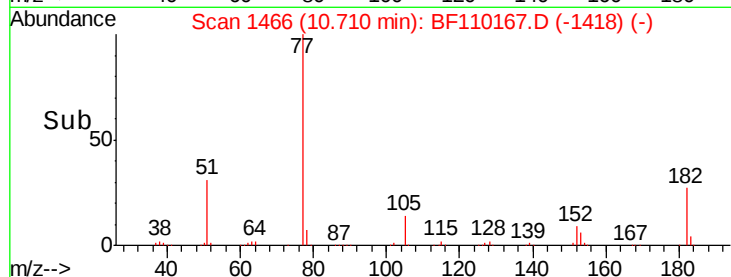
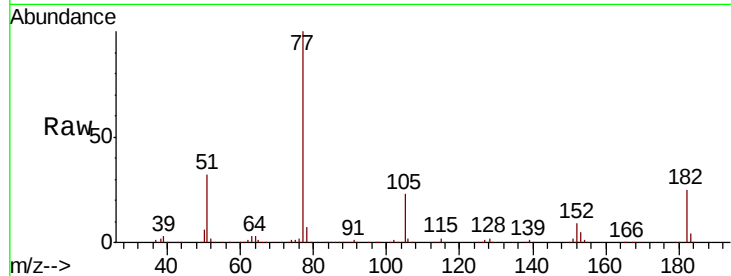
#63
Azobenzene
Concen: 35.977 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		707913		
182	25.4	4.3	44.3		
105	22.8	1.3	41.3		
51	31.7	9.0	49.0		

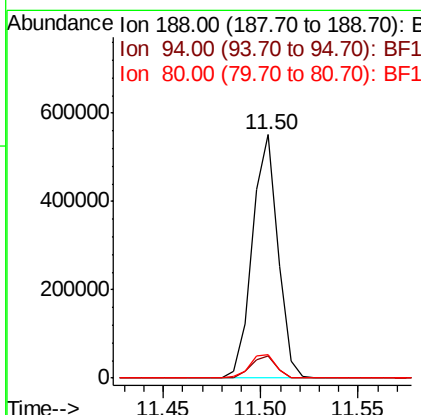
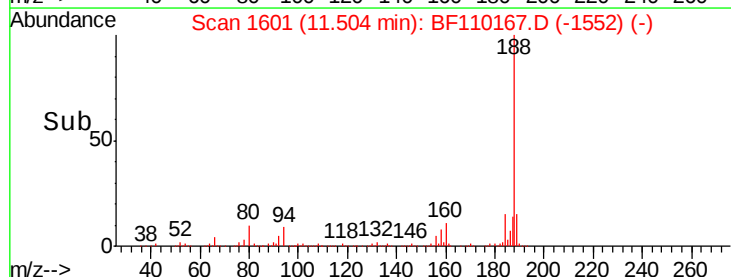
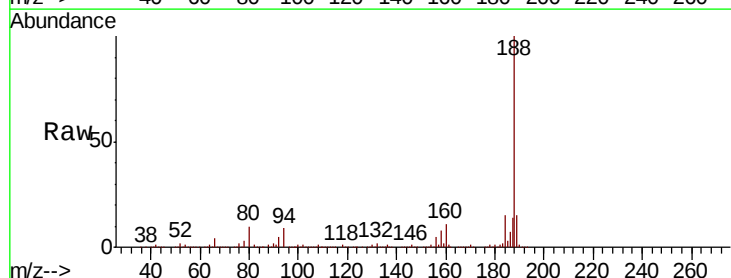
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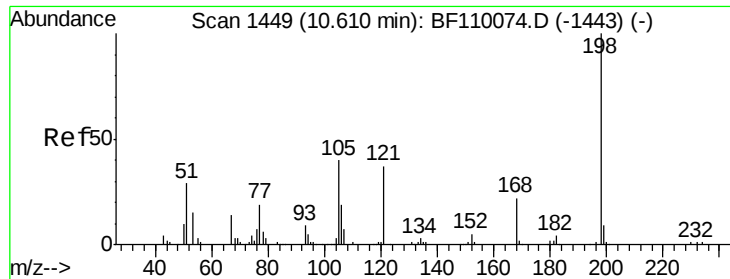
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		499735		
94	9.3	7.2	10.8		
80	9.6	7.9	11.9		





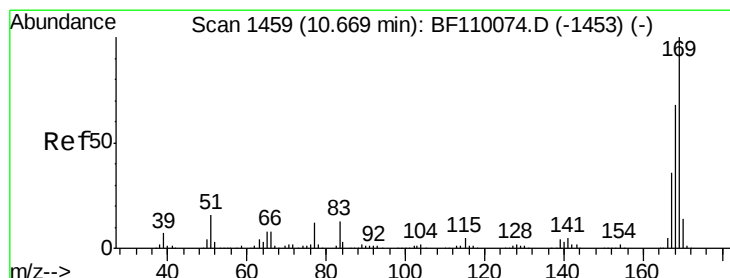
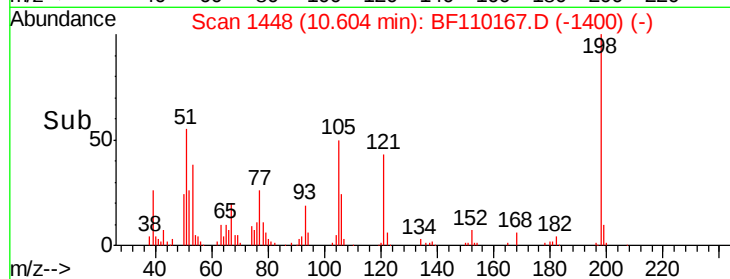
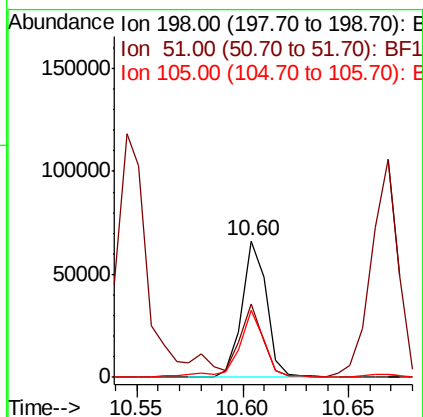
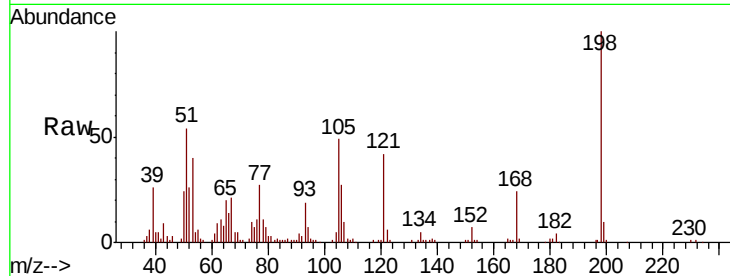
#65
4,6-Dinitro-2-methylphenol
Concen: 23.300 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	53.8	22.8	62.8
105	49.3	23.6	63.6

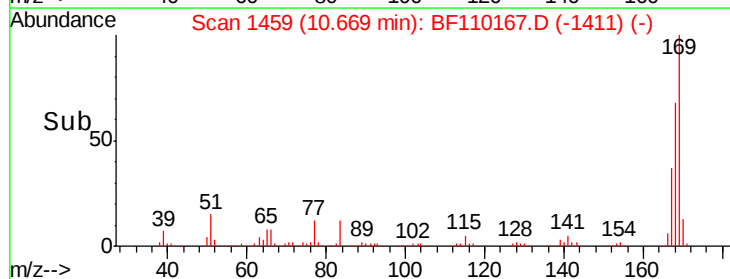
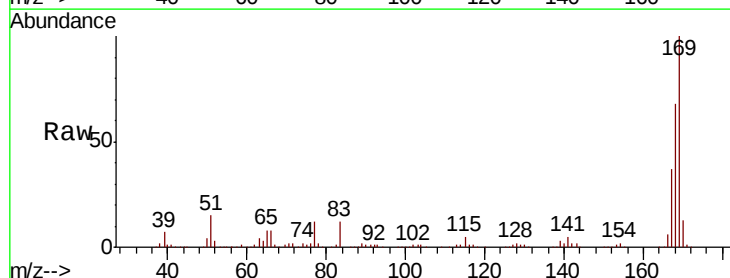
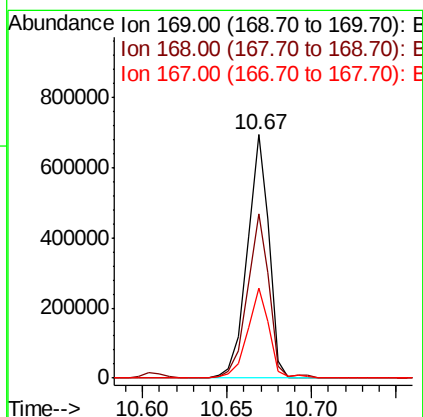
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#66
n-Nitrosodiphenylamine
Concen: 37.901 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	51.2	76.8
167	36.9	27.8	41.6





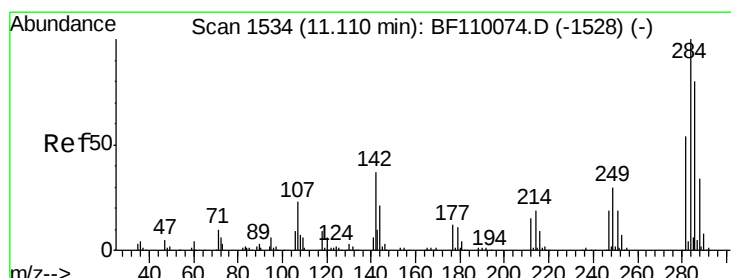
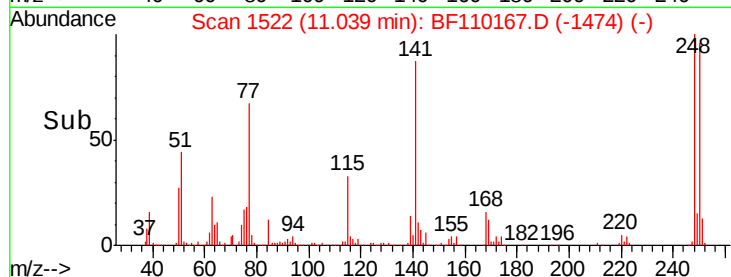
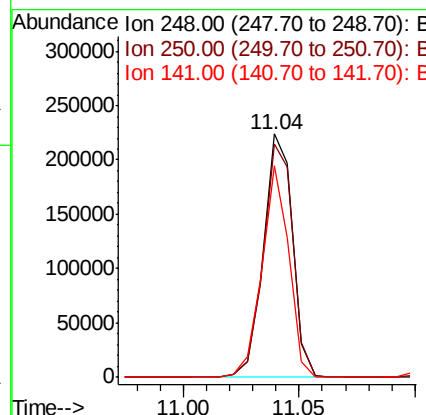
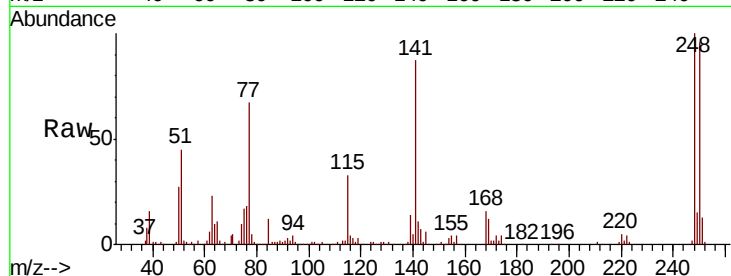
#67
4-Bromophenyl-phenylether
Concen: 36.399 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.4	119.2
141	86.9	55.9	83.9#

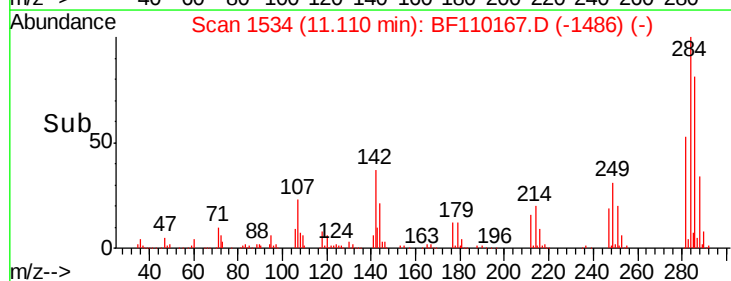
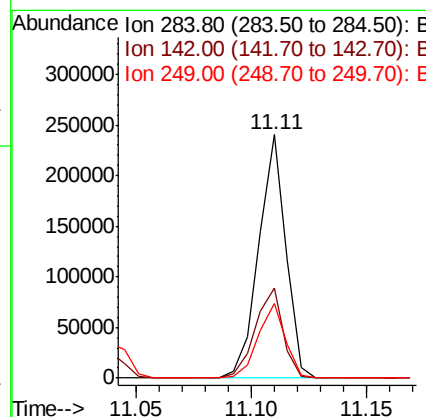
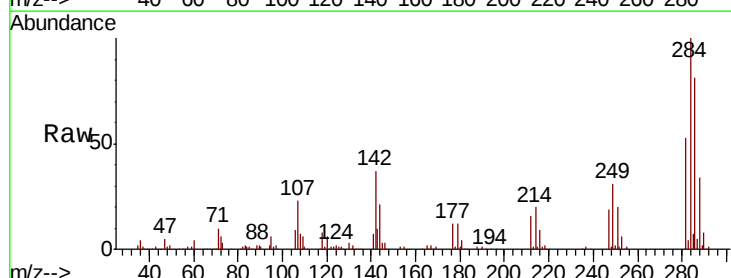
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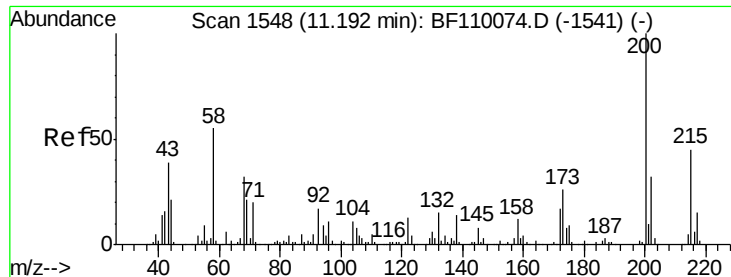
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#68
Hexachlorobenzene
Concen: 34.422 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	23.9	35.9#
249	30.8	24.2	36.2





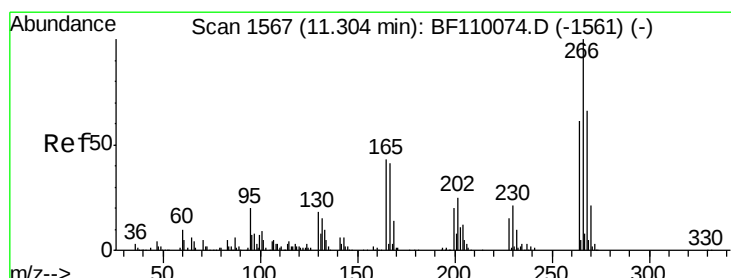
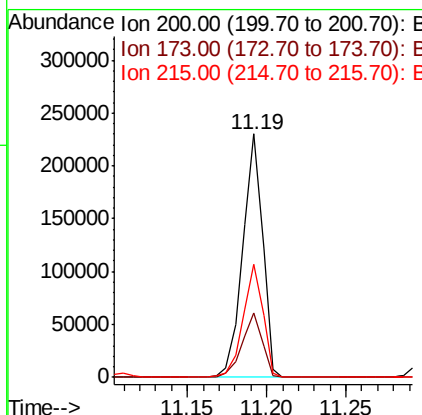
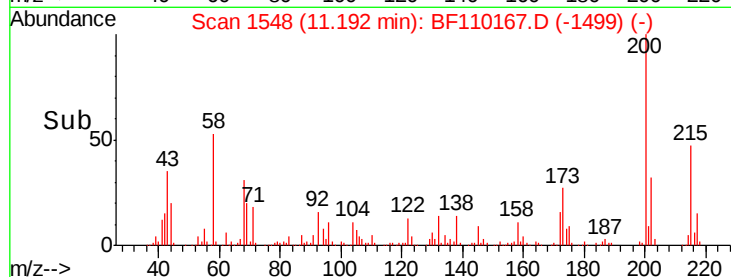
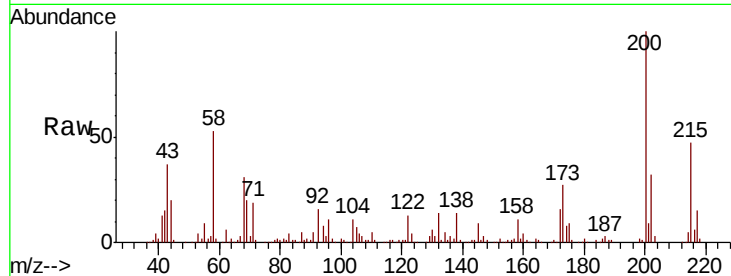
#69
Atrazine
Concen: 38.739 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	46.7	26.3	66.3

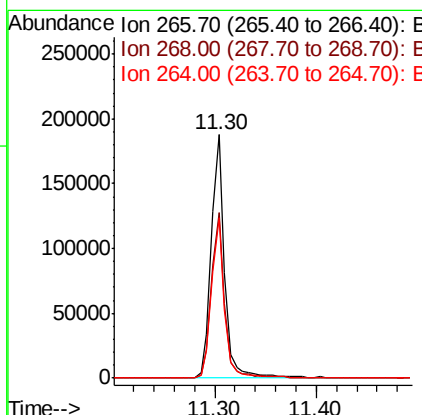
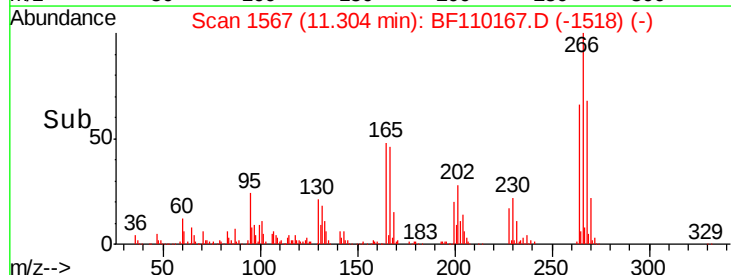
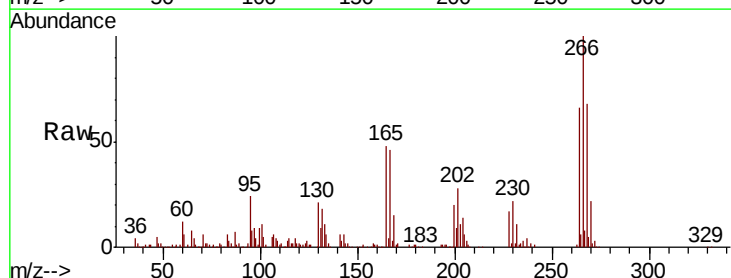
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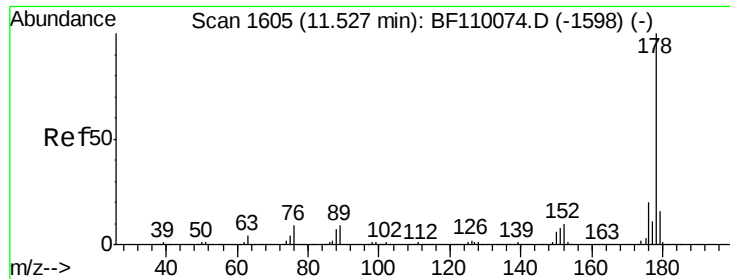
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#70
Pentachlorophenol
Concen: 51.626 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.2	50.6	75.8
264	66.0	50.6	75.8





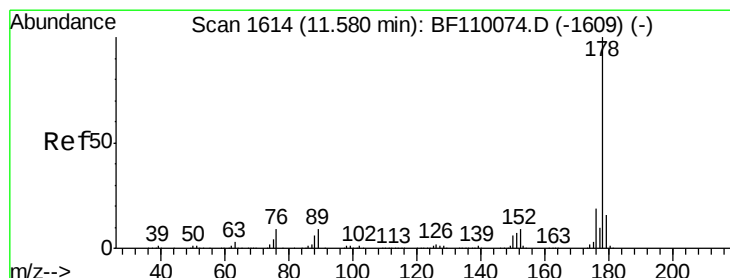
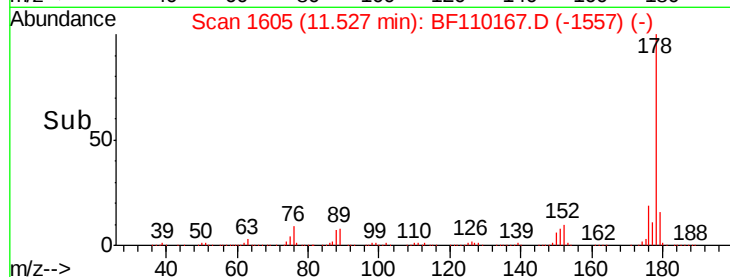
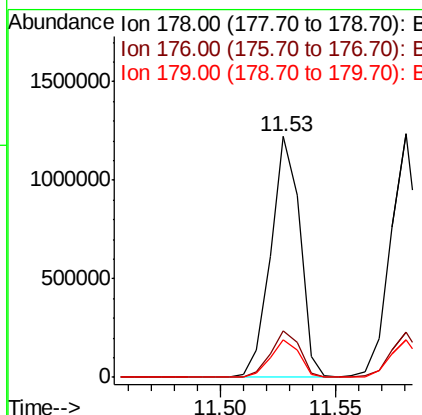
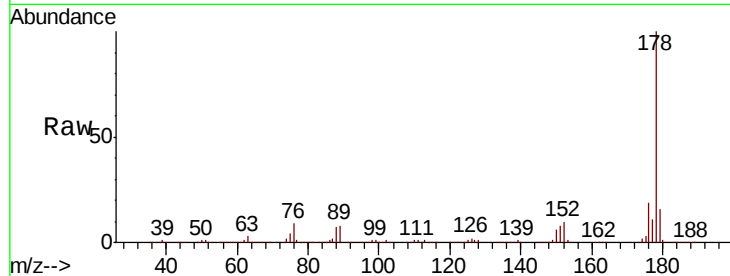
#71
Phenanthrene
Concen: 40.927 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.5	18.7

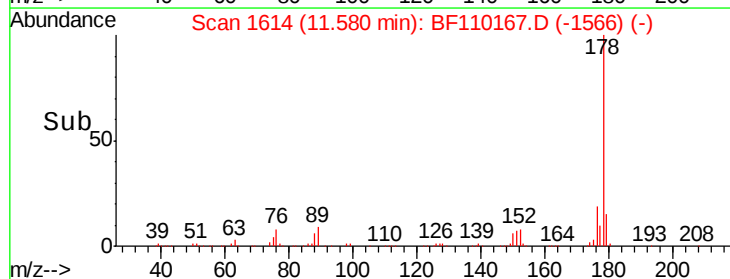
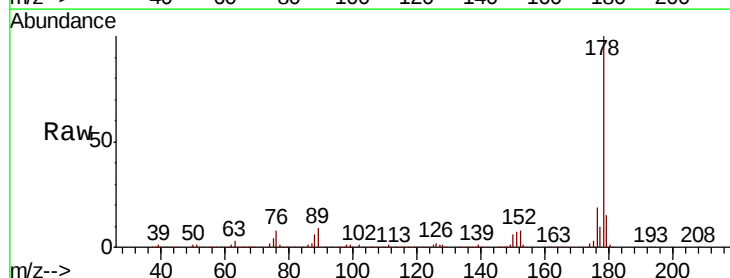
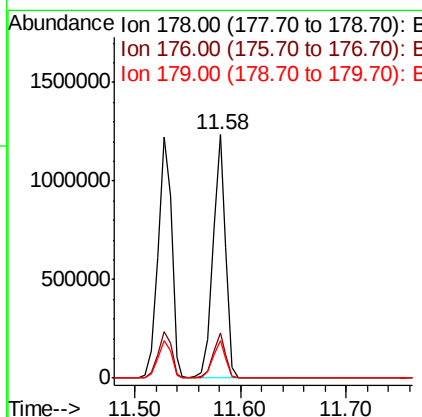
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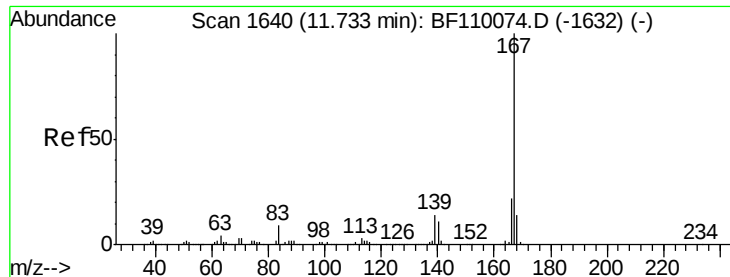
Sohil
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#72
Anthracene
Concen: 39.979 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.3	12.6	18.8





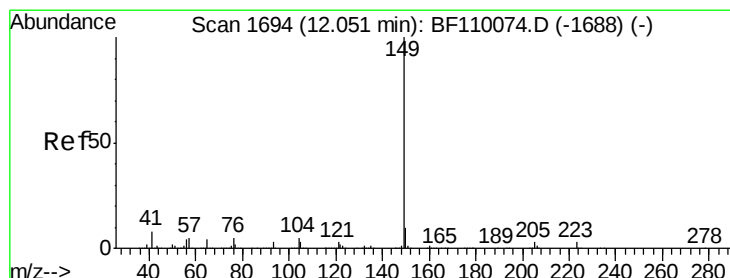
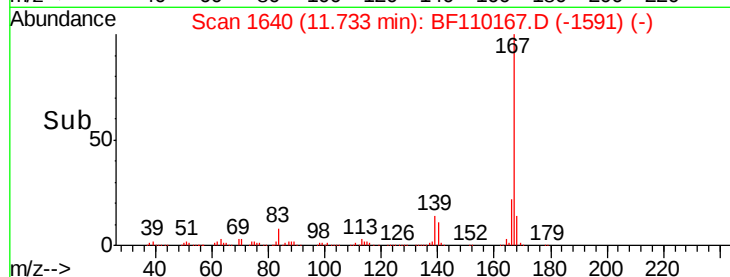
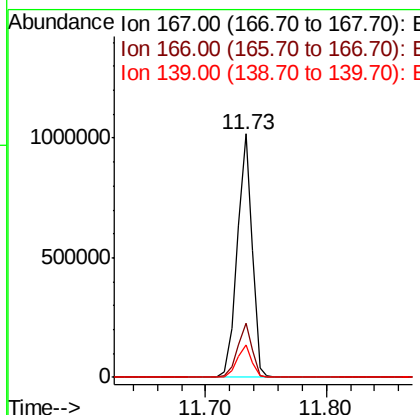
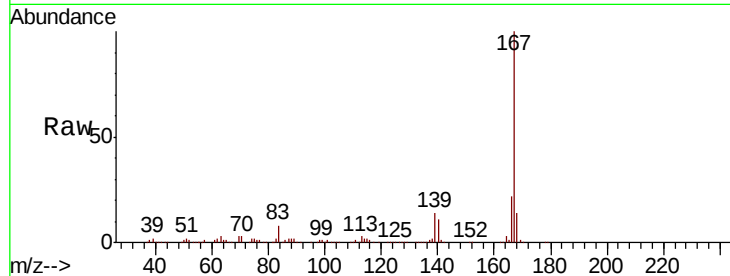
#73
 Carbazole
 Concen: 34.017 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	13.6	10.9	16.3

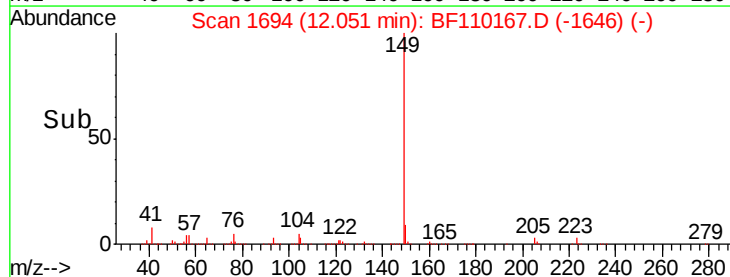
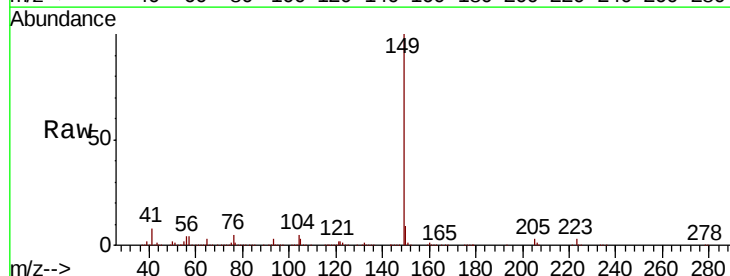
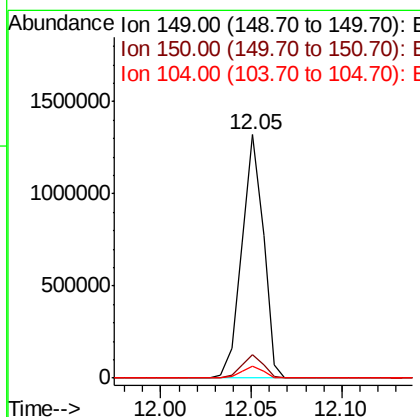
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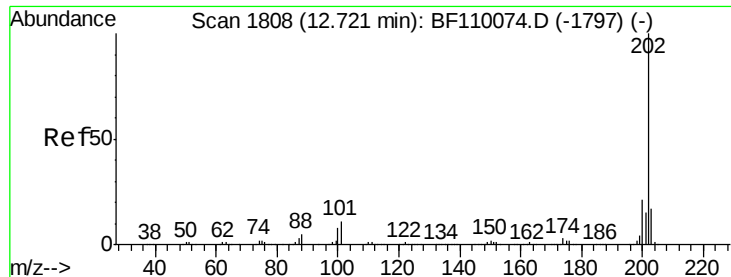
Sohil
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#74
 Di-n-butylphthalate
 Concen: 37.686 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110167.D
 Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 36.166 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

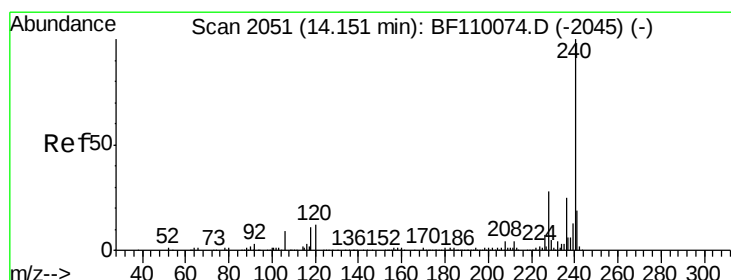
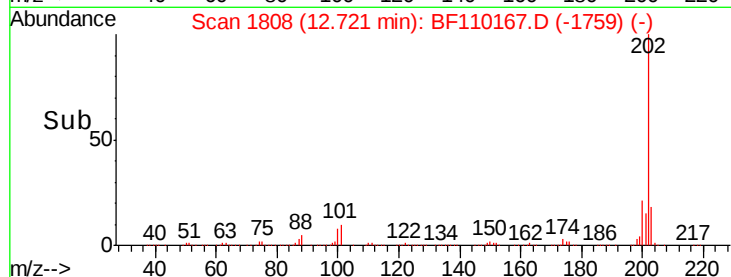
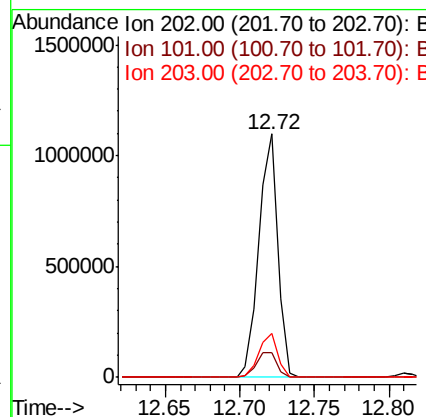
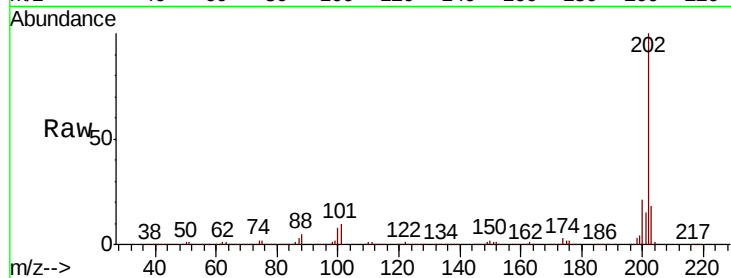
ClientSampleId :

HP-GRID-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		959758		
101	10.3	0.0	31.4		
203	18.0	0.0	37.7		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

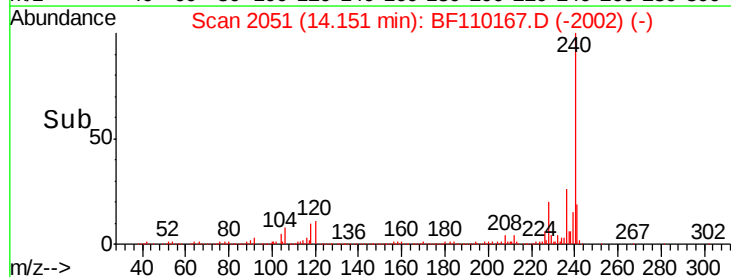
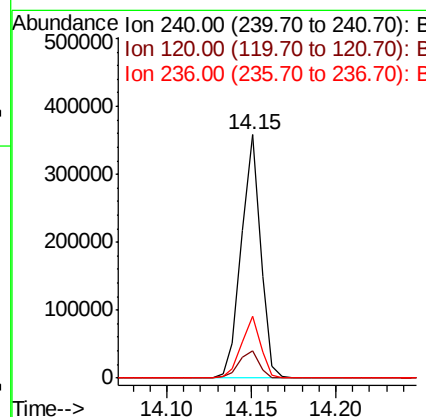
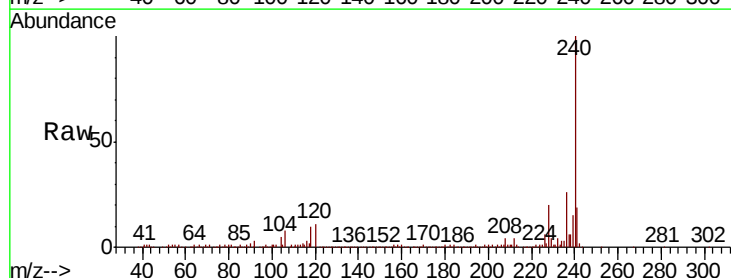
RT: 14.15 min Scan# 2051

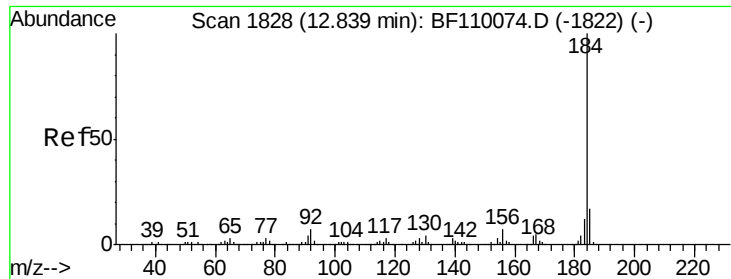
Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		284396		
120	11.0	8.3	12.5		
236	25.5	21.2	31.8		





#77

Benzidine

Concen: 33.116 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

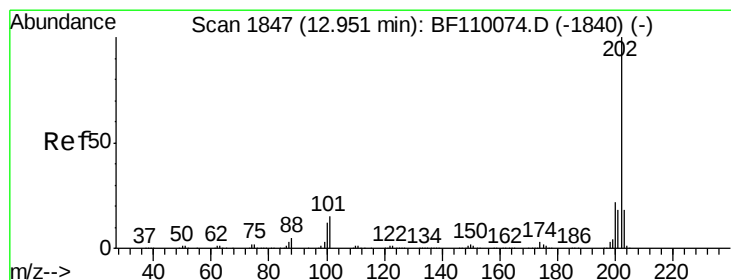
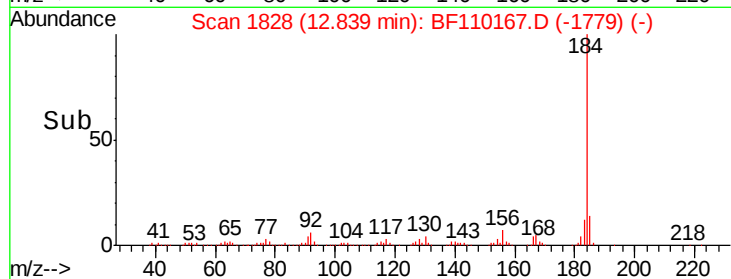
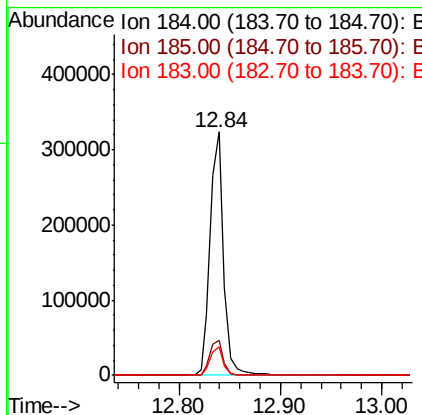
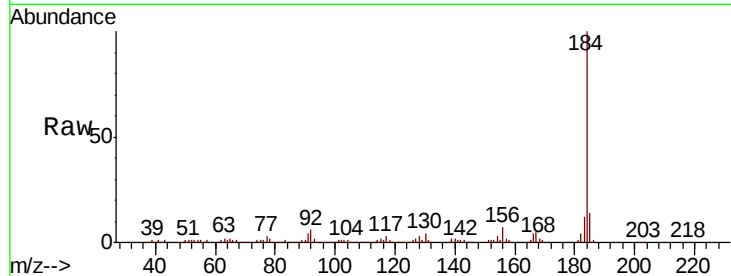
ClientSampleId :

HP-GRID-BMSD

Tot Ion:	184	Resp:	300103
Ion Ratio		Lower	Upper
184	100		
185	14.3	13.4	20.2
183	11.7	9.4	14.2

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#78

Pyrene

Concen: 46.937 ng

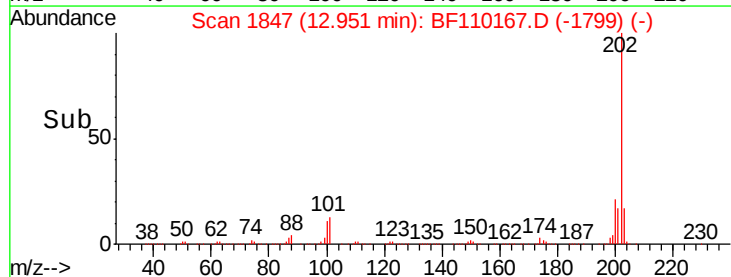
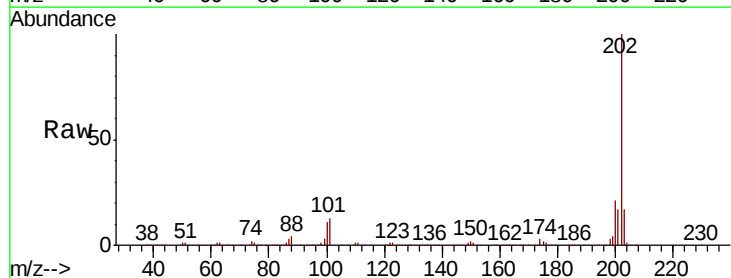
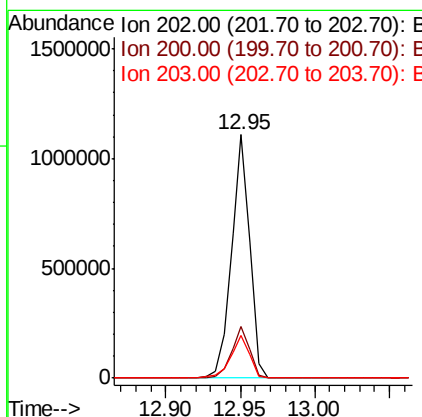
RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:	202	Resp:	956985
Ion Ratio		Lower	Upper
202	100		
200	21.0	17.8	26.6
203	17.5	14.2	21.4





#79

Terphenyl-d14

Concen: 91.694 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

ClientSampleId :

HP-GRID-BMSD

Tot Ion:244 Resp: 1253894

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

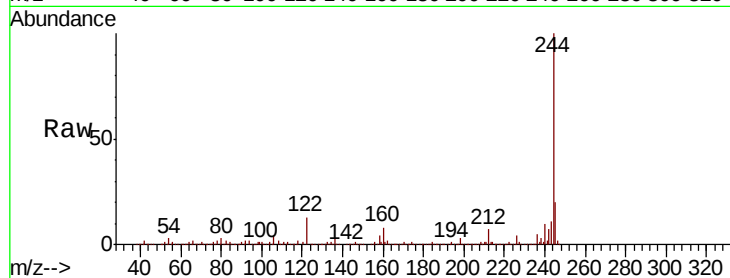
122 13.1 8.7 13.1#

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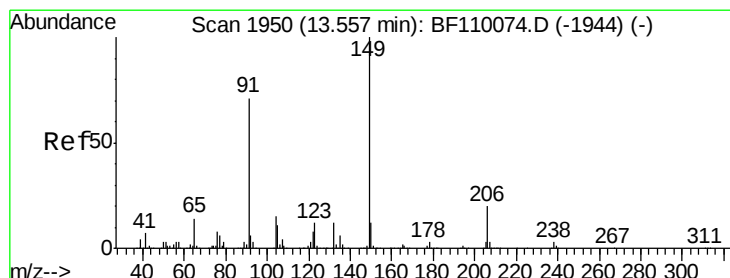
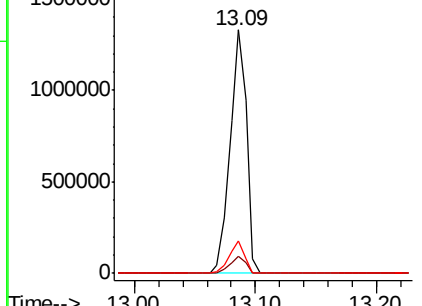
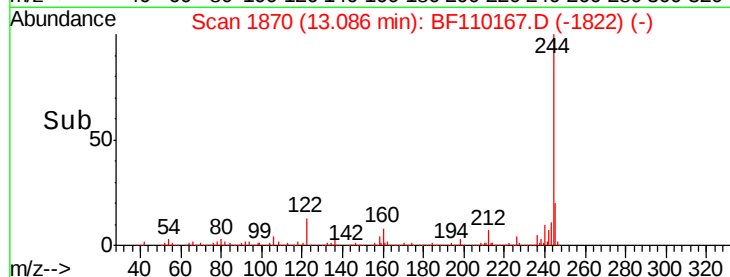
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.047 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

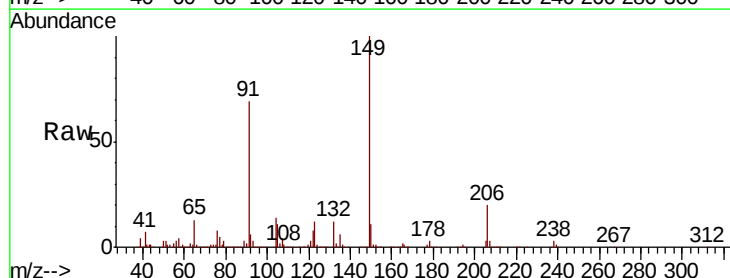
Tgt Ion:149 Resp: 380947

Ion Ratio Lower Upper

149 100

91 68.5 57.2 85.8

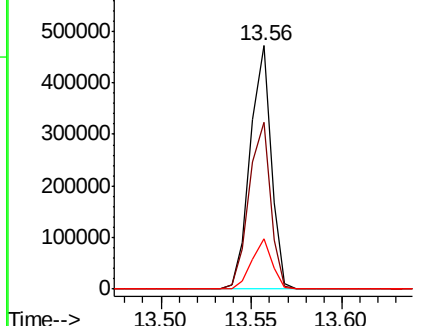
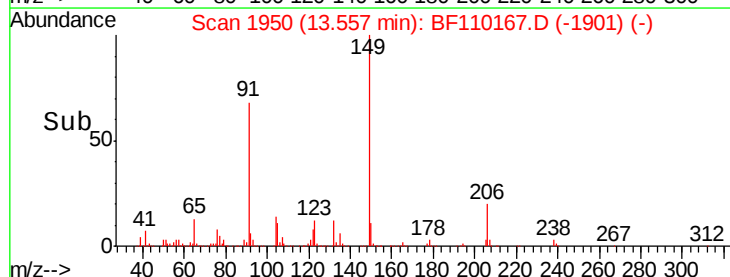
206 20.5 15.7 23.5

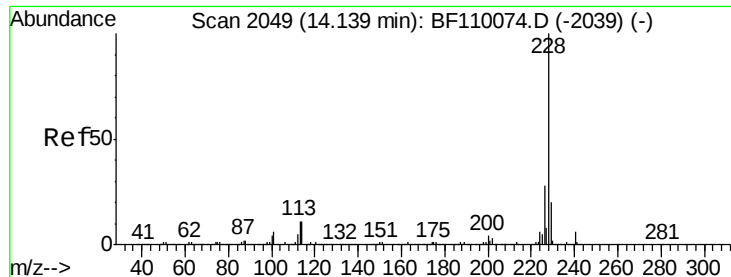


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.335 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

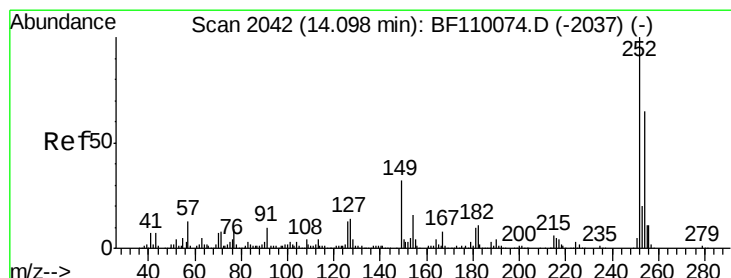
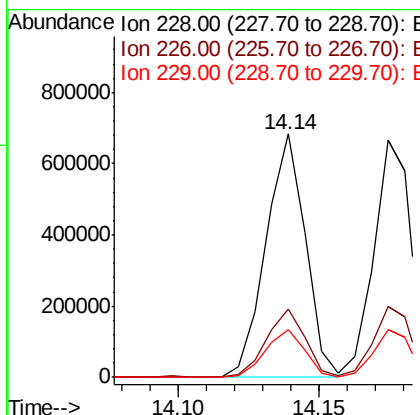
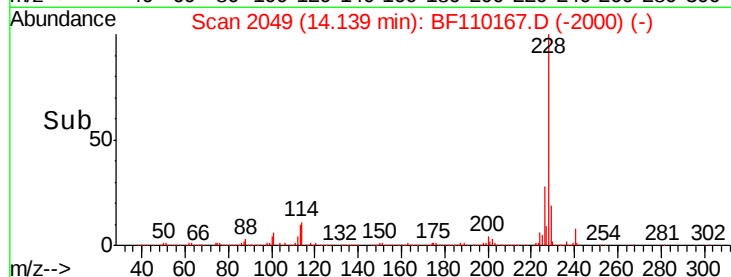
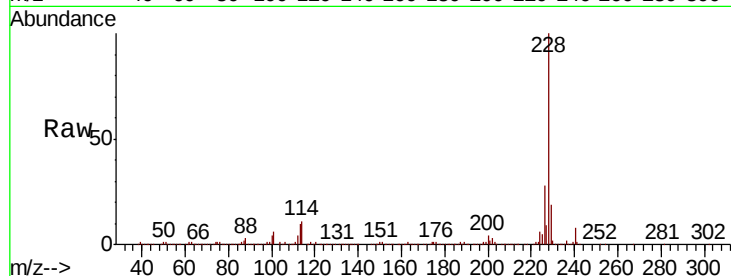
ClientSampleId :

HP-GRID-BMSD

Tot Ion:	228	Resp:	663399
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.1	33.1
229	19.5	15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 26.586 ng

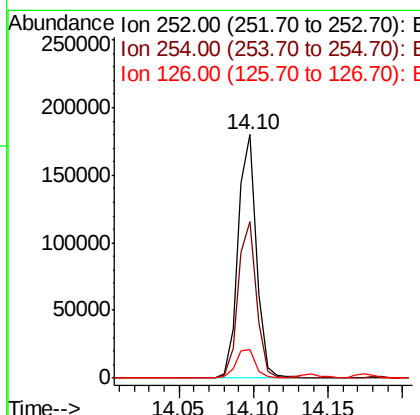
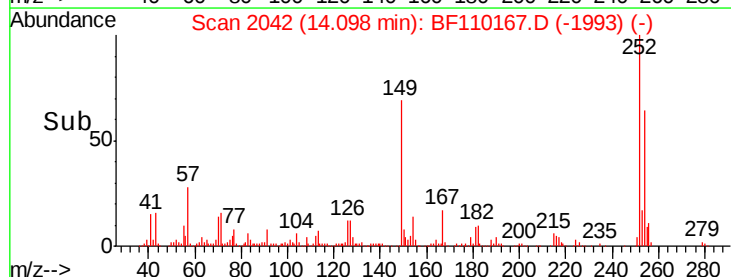
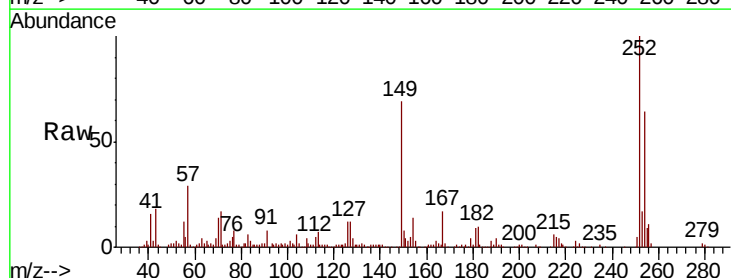
RT: 14.10 min Scan# 2042

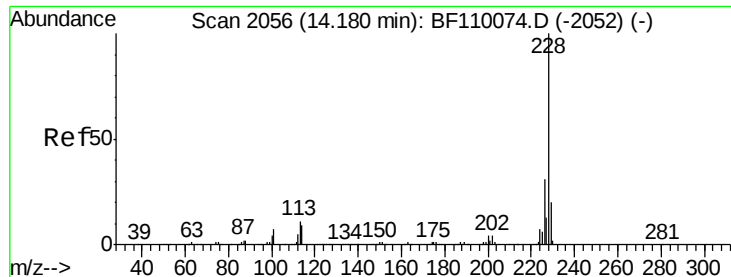
Delta R.T. -0.01 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:	252	Resp:	156136
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.3	76.9
126	11.9	9.4	14.2





#83

Chrysene

Concen: 37.900 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

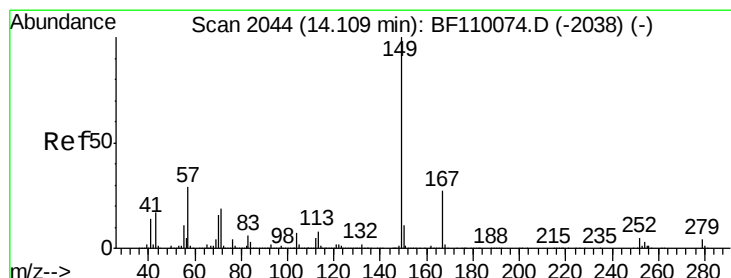
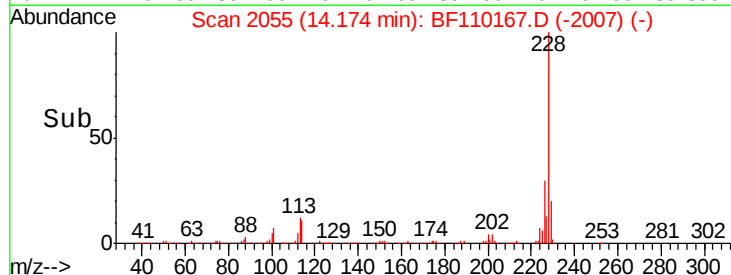
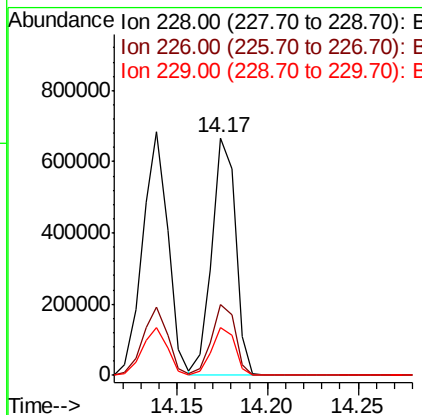
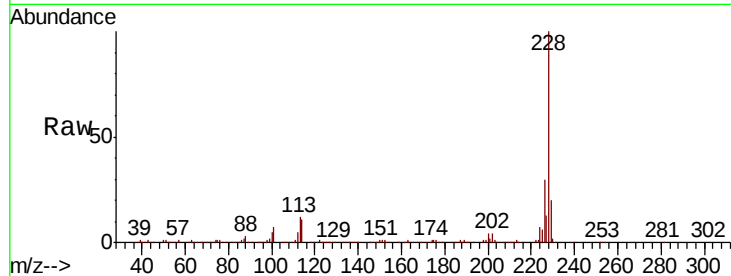
ClientSampleId :

HP-GRID-BMSD

Tot Ion:	228	Resp:	607103
Ion Ratio		Lower	Upper
228	100		
226	29.9	24.7	37.1
229	20.1	15.9	23.9

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.463 ng

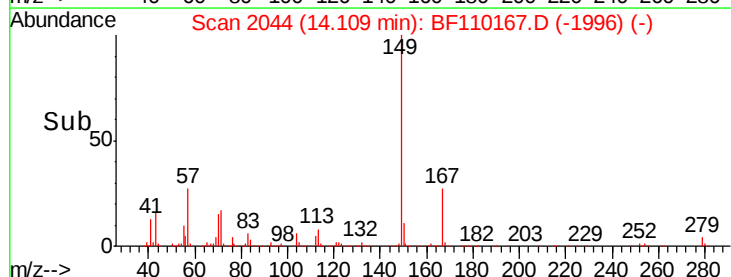
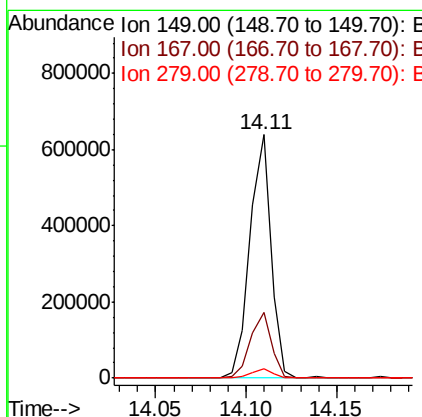
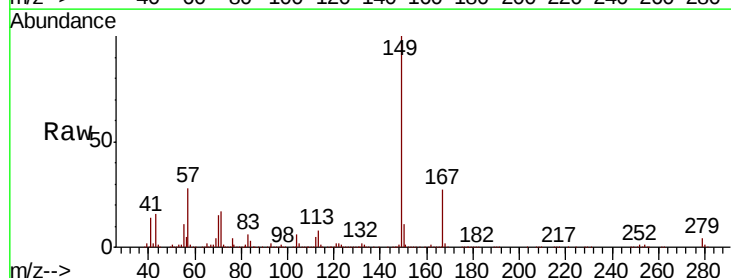
RT: 14.11 min Scan# 2044

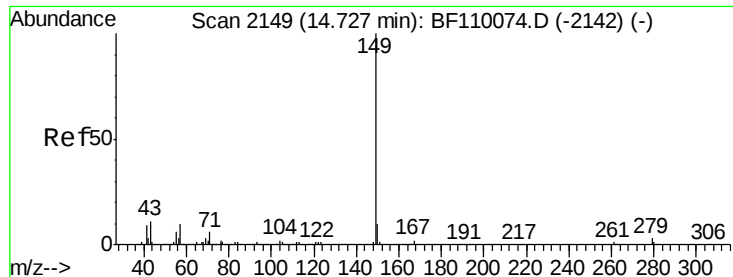
Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Tgt Ion:	149	Resp:	519945
Ion Ratio		Lower	Upper
149	100		
167	26.8	19.8	29.8
279	3.8	2.7	4.1





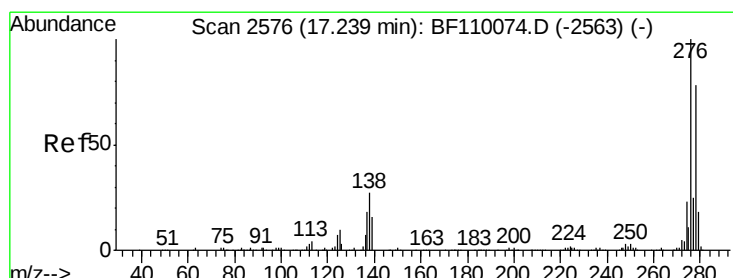
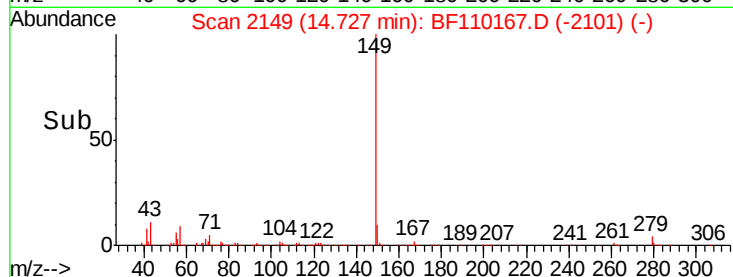
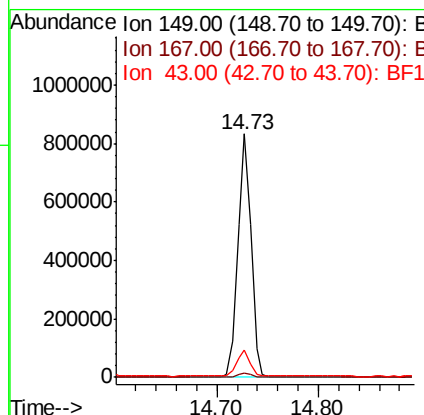
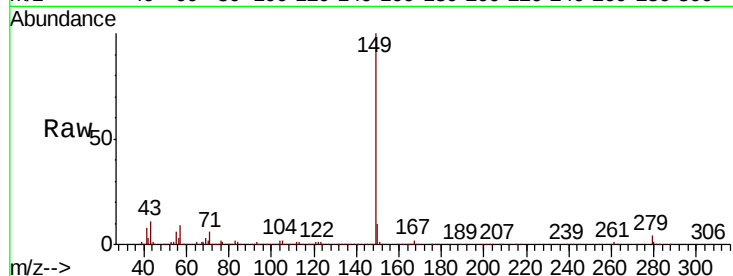
#85
Di-n-octyl phthalate
Concen: 40.484 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7#
43	10.4	7.8	11.8

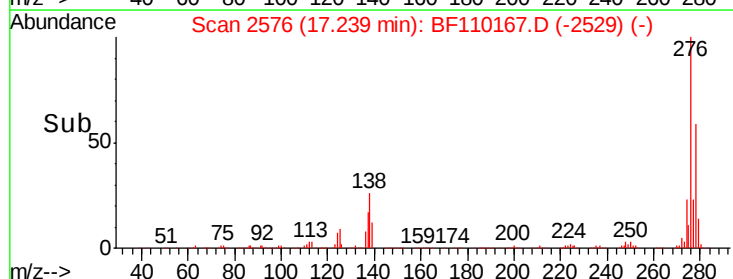
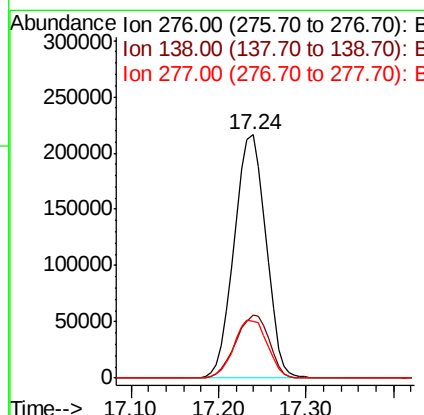
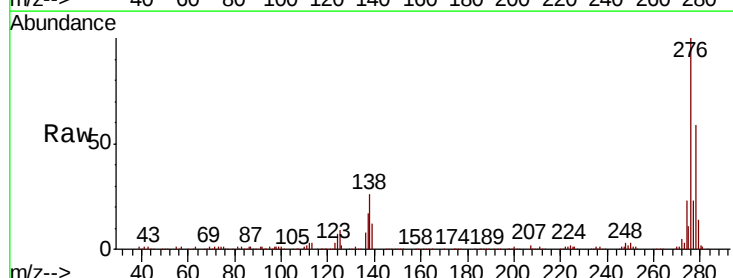
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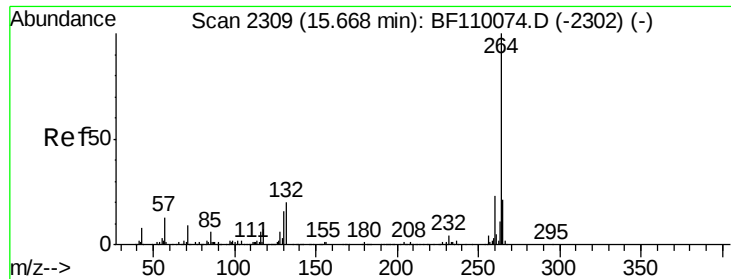
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.106 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	18.5	27.7
277	25.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110167.D

Acq: 25 Oct 2018 18:22

Instrument :

BNA_F

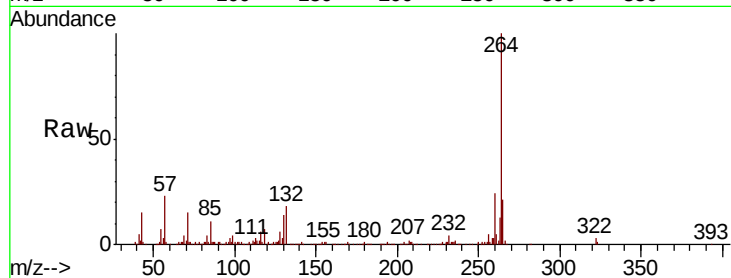
ClientSampleId :

HP-GRID-BMSD

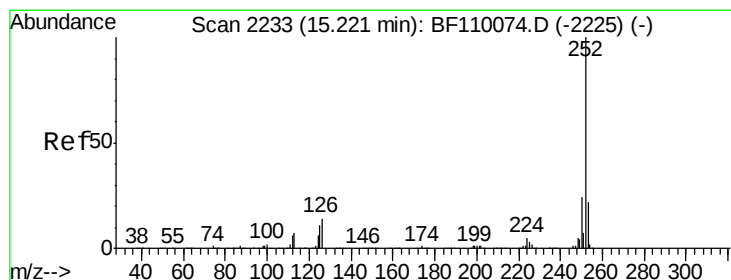
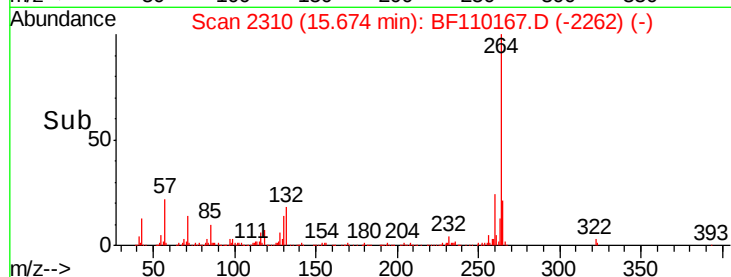
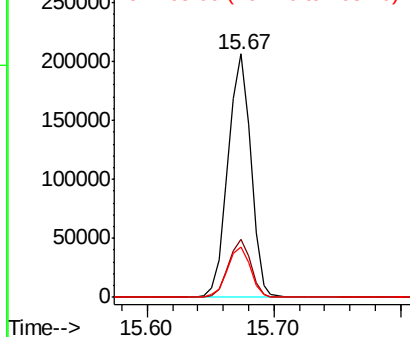
Tot Ion:	264	Resp:	257140
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.7	28.1
265	20.9	16.7	25.1

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.862 ng

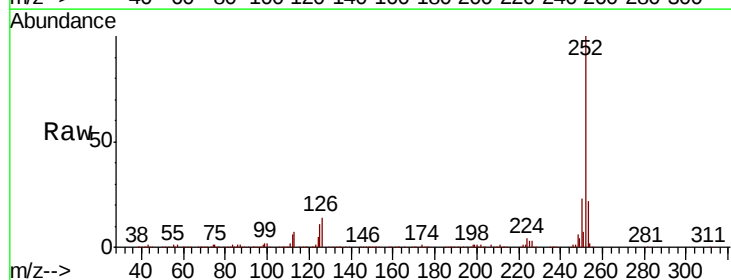
RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

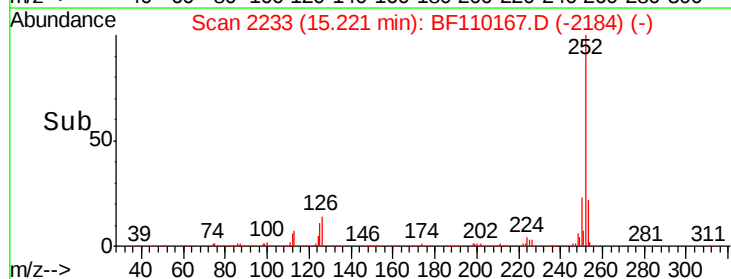
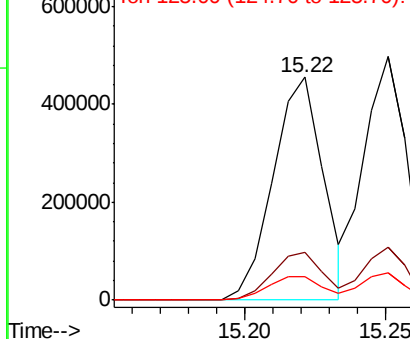
Lab File: BF110167.D

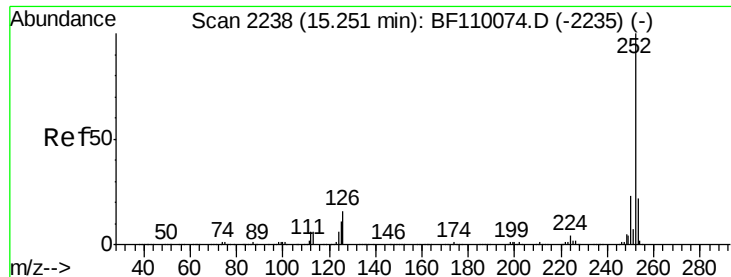
Acq: 25 Oct 2018 18:22

Tgt Ion:	252	Resp:	562216
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.2	25.8
125	10.8	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





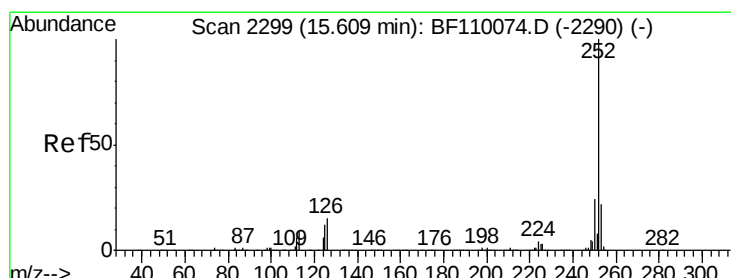
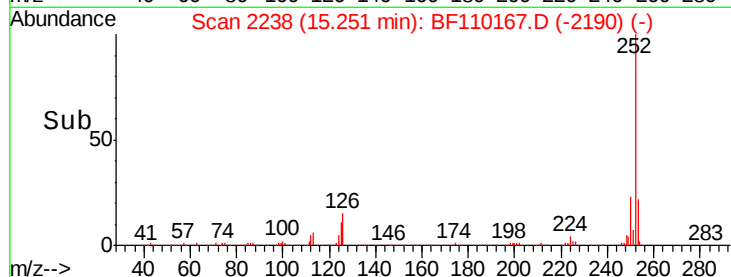
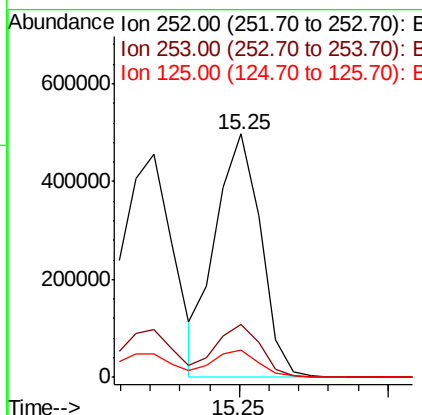
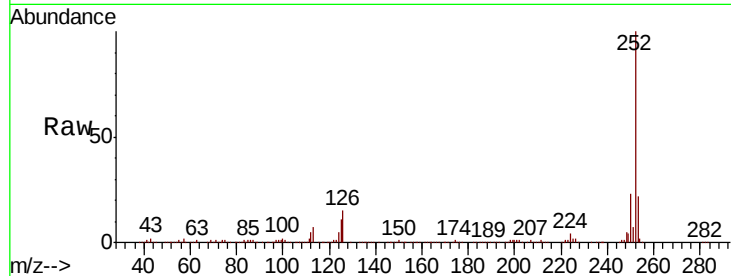
#89
Benzo(k)fluoranthene
Concen: 36.208 ng/mL
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.4	7.4	11.0

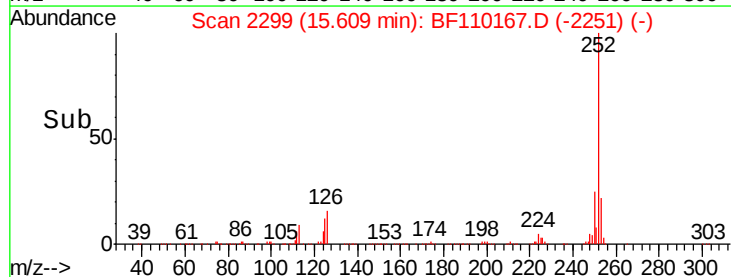
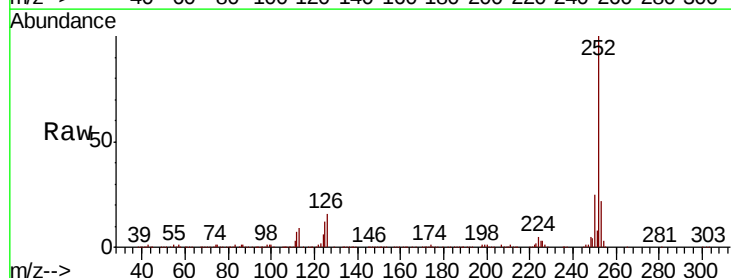
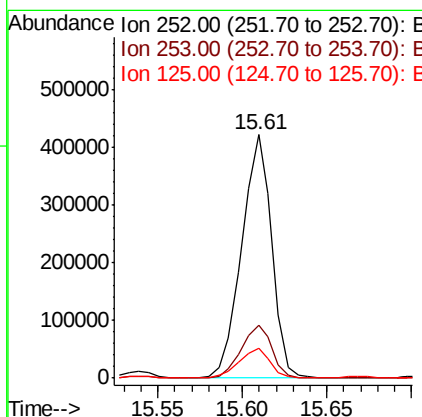
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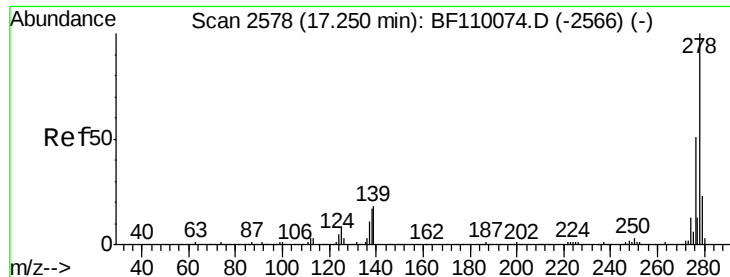
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#90
Benzo(a)pyrene
Concen: 38.309 ng/mL
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	12.4	9.0	13.6





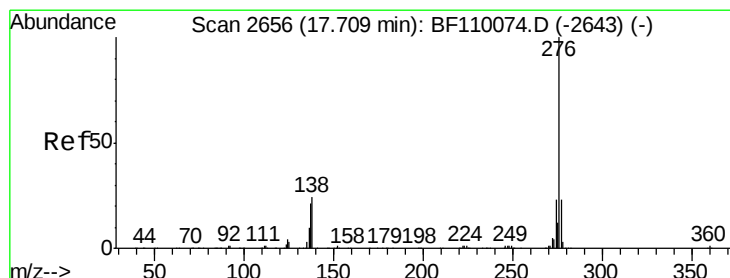
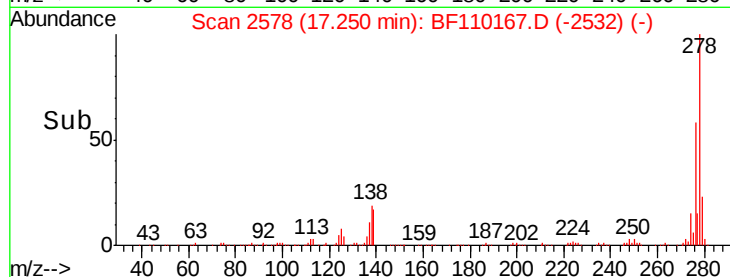
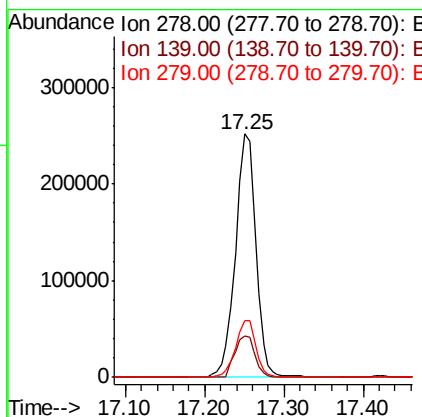
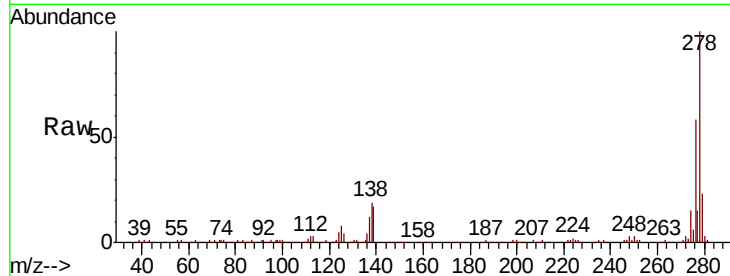
#91
Dibenzo(a,h)anthracene
Concen: 38.537 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.03 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Instrument :
BNA_F
ClientSampleId :
HP-GRID-BMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.7	19.1
279	23.3	19.0	28.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 35.733 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110167.D
Acq: 25 Oct 2018 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	22.4	16.0	24.0

