

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110255.D
 Acq On : 29 Oct 2018 11:58
 Operator : JU/SJ
 Sample : J5624-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MS

Manual Integrations
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Sohil
 10/30/2018 2:24:08 PM

Quant Time: Oct 29 12:49:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 12:32:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118217	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	448469	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	188331	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	285522	20.00	ng	0.00
76) Chrysene-d12	14.16	240	218192	20.00	ng	0.00
87) Perylene-d12	15.69	264	194610	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	960718	132.34	ng	0.01
7) Phenol-d6	6.60	99	1229842	132.45	ng	0.01
23) Nitrobenzene-d5	7.54	82	769024	101.71	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	242930	130.22	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1280139	106.73	ng	0.00
79) Terphenyl-d14	13.09	244	919561	87.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	84894	22.320	ng	90
3) Pyridine	3.64	79	246785	29.132	ng	87
4) n-Nitrosodimethylamine	3.59	42	143958	40.561	ng	93
6) Aniline	6.64	93	301803	24.951	ng	# 53
8) 2-Chlorophenol	6.76	128	313081	37.407	ng	96
9) Benzaldehyde	6.52	77	143407	23.654	ng	96
10) Phenol	6.62	94	536664	54.070	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	287764	35.240	ng	94
12) 1,3-Dichlorobenzene	6.91	146	316654	34.379	ng	99
13) 1,4-Dichlorobenzene	6.99	146	326582	35.059	ng	99
14) 1,2-Dichlorobenzene	7.15	146	303145	35.055	ng	99
15) Benzyl Alcohol	7.11	79	273889	38.351	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	461092	35.316	ng	69
17) 2-Methylphenol	7.22	107	255808	38.351	ng	# 82
18) Hexachloroethane	7.48	117	114663	33.621	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	211440	35.494	ng	96
20) 3+4-Methylphenols	7.37	107	319553	37.062	ng	99
22) Acetophenone	7.38	105	424686	41.097	ng	# 97
24) Nitrobenzene	7.56	77	313451	40.154	ng	93
25) Isophorone	7.79	82	570334	44.251	ng	95
26) 2-Nitrophenol	7.87	139	157661	42.442	ng	95
27) 2,4-Dimethylphenol	7.90	122	276152	44.839	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	363552	41.522	ng	100
29) 2,4-Dichlorophenol	8.11	162	257580	41.397	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	271979	39.024	ng	96
31) Naphthalene	8.28	128	871187	42.149	ng	99
32) Benzoic acid	7.96	122	20174	4.238	ng	89
33) 4-Chloroaniline	8.32	127	187080	20.111	ng	99
34) Hexachlorobutadiene	8.39	225	148953	38.491	ng	98
35) Caprolactam	8.69	113	76695m	35.365	ng	
36) 4-Chloro-3-methylphenol	8.80	107	265491	39.458	ng	96
37) 2-Methylnaphthalene	8.97	142	588118	43.005	ng	98
38) 1-Methylnaphthalene	9.07	142	552536	41.809	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	247863	42.240	ng	99

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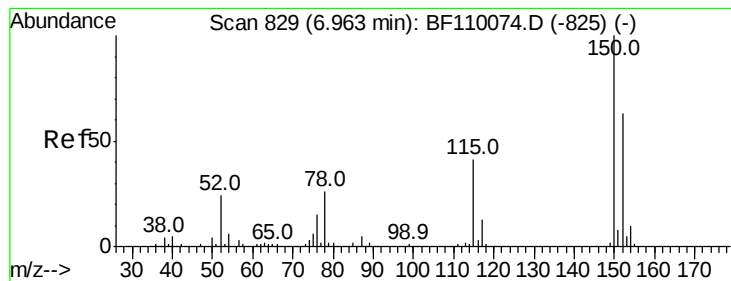
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	86116	28.700	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	163322	43.152	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	172704	43.169	nq	96
46) 1,1'-Biphenyl	9.43	154	696039	40.870	nq	99
47) 2-Chloronaphthalene	9.46	162	518912	41.538	nq	98
48) 2-Nitroaniline	9.56	65	162101	42.820	nq	93
49) Acenaphthylene	9.88	152	775057	42.955	nq	99
50) Dimethylphthalate	9.73	163	804866	57.895	nq	99
51) 2,6-Dinitrotoluene	9.80	165	129752	43.329	nq	86
52) Acenaphthene	10.05	154	482351	40.409	nq	98
53) 3-Nitroaniline	9.97	138	109008	30.611	nq	87
54) 2,4-Dinitrophenol	10.07	184	18653	19.855	nq	90
55) Dibenzofuran	10.22	168	672787	40.257	nq	98
56) 4-Nitrophenol	10.13	139	252833	95.928	nq	96
57) 2,4-Dinitrotoluene	10.20	165	162527	42.729	nq	# 85
58) Fluorene	10.57	166	521901	41.960	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	128043	39.266	nq	93
60) Diethylphthalate	10.43	149	575674	42.420	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	249314	37.996	nq	98
62) 4-Nitroaniline	10.58	138	116024	32.758	nq	98
63) Azobenzene	10.72	77	521909	38.745	nq	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	26693	20.463	nq	88
66) n-Nitrosodiphenylamine	10.67	169	455606	48.649	nq	99
67) 4-Bromophenyl-phenylether	11.04	248	141217	45.597	nq	93
68) Hexachlorobenzene	11.12	284	137228	41.760	nq	# 93
69) Atrazine	11.20	200	139425	47.110	nq	99
70) Pentachlorophenol	11.31	266	127653	66.619	nq	99
71) Phenanthrene	11.53	178	679048	45.452	nq	100
72) Anthracene	11.59	178	685256	45.761	nq	99
73) Carbazole	11.74	167	578453	39.563	nq	99
74) Di-n-butylphthalate	12.06	149	758330	45.922	nq	98
75) Fluoranthene	12.73	202	654394	43.160	nq	98
77) Benzidine	12.84	184	122822	14.992	nq	96
78) Pyrene	12.96	202	637038	40.725	nq	99
80) Butylbenzylphthalate	13.56	149	279515	41.169	nq	97
81) Benzo(a)anthracene	14.15	228	574888	44.430	nq	100
82) 3,3'-Dichlorobenzidine	14.10	252	159206	35.335	nq	98
83) Chrysene	14.19	228	532506	43.329	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	383918	41.830	nq	97
85) Di-n-octyl phthalate	14.73	149	674113	47.236	nq	99
86) Indeno(1,2,3-cd)pyrene	17.27	276	437308	42.892	nq	96
88) Benzo(b)fluoranthene	15.23	252	545392	48.531	nq	99
89) Benzo(k)fluoranthene	15.26	252	451189	40.839	nq	98
90) Benzo(a)pyrene	15.63	252	463185	44.792	nq	97
91) Dibenzo(a,h)anthracene	17.28	278	367801	41.221	nq	99
92) Benzo(g,h,i)perylene	17.74	276	346005	39.353	nq	96

(#) = 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. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

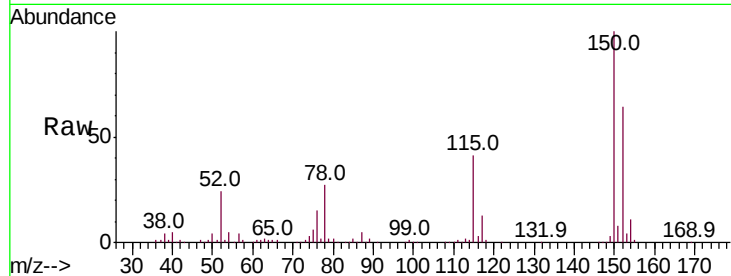
ClientSampleId :

PA-SED-01MS

Tot Ion:	152	Resp:	118217
Ion Ratio	Lower	Upper	
152	100		
150	157.2	122.7	184.1
115	64.1	49.1	73.7

Manual Integrations
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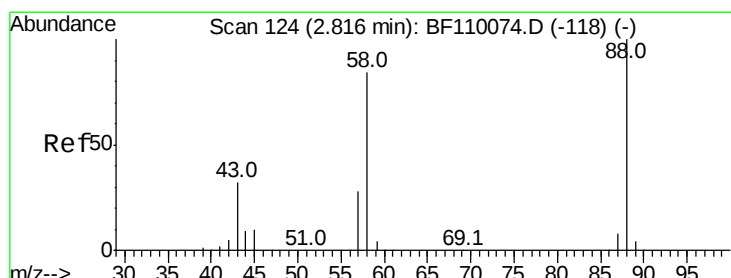
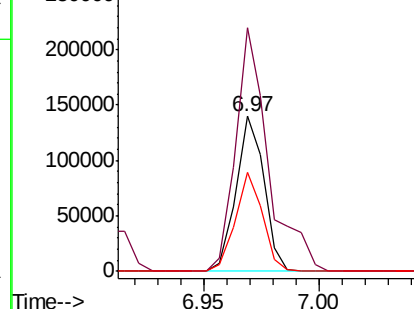
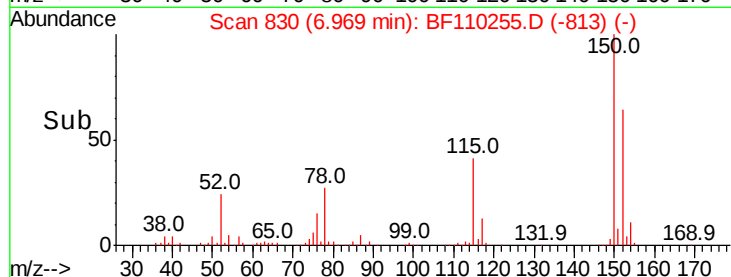
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 22.320 ng

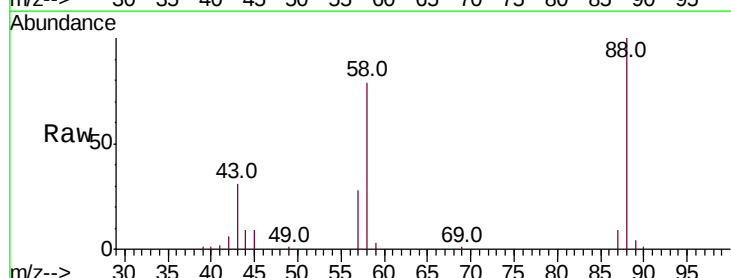
RT: 2.86 min Scan# 132

Delta R.T. 0.05 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

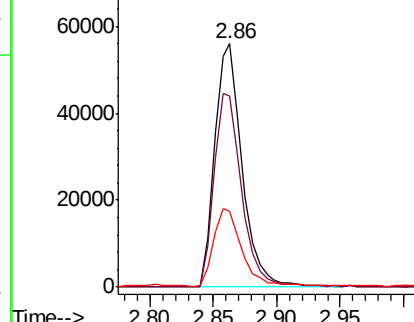
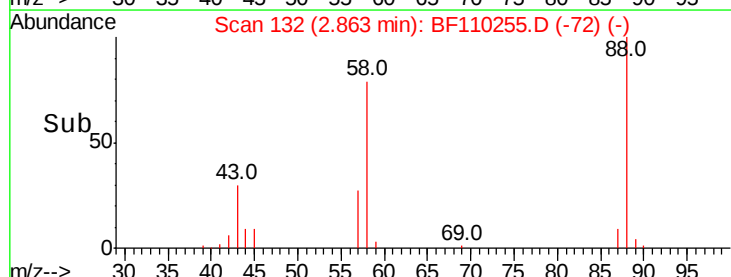
Tgt Ion:	88	Resp:	84894
Ion Ratio	Lower	Upper	
88	100		
58	80.2	57.1	85.7
43	34.2	24.1	36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.132 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.05 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

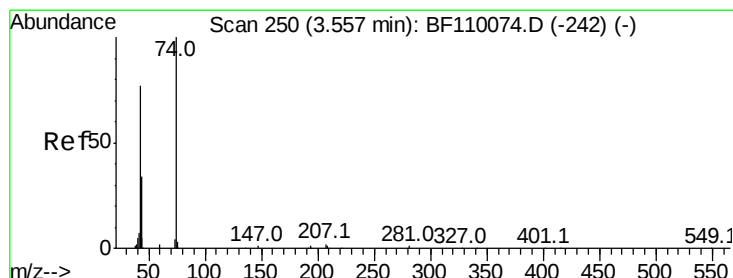
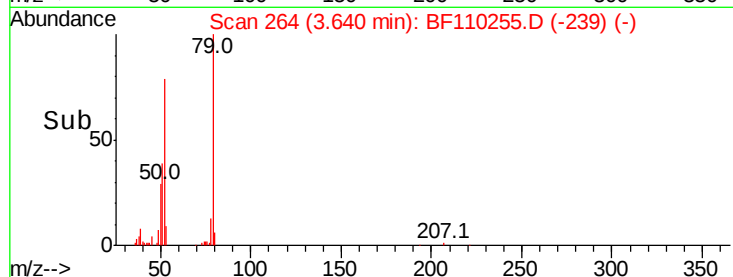
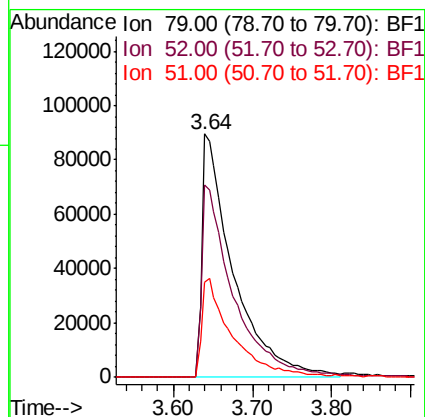
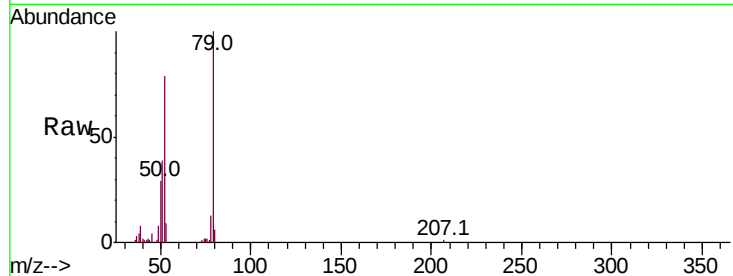
ClientSampleId :

PA-SED-01MS

Tot Ion:	79	Resp:	246785
Ion Ratio	Lower	Upper	
79	100		
52	79.1	53.1	79.7
51	39.0	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 40.561 ng

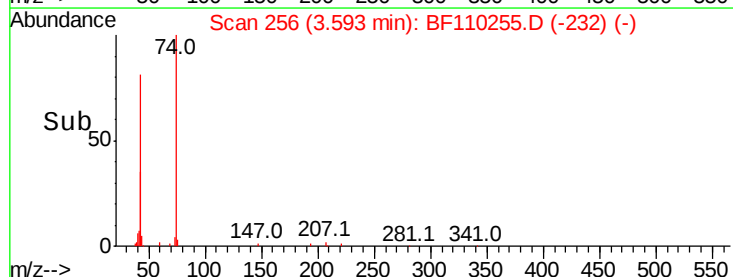
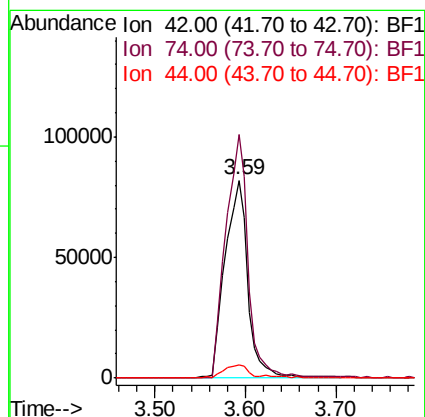
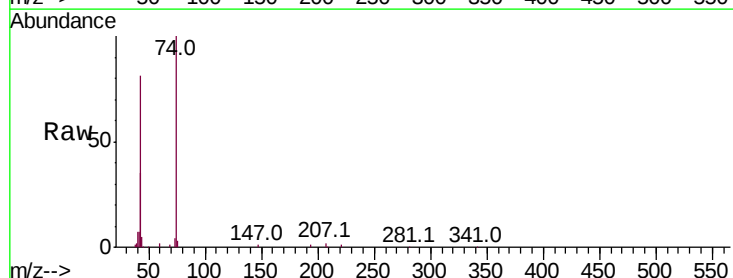
RT: 3.59 min Scan# 256

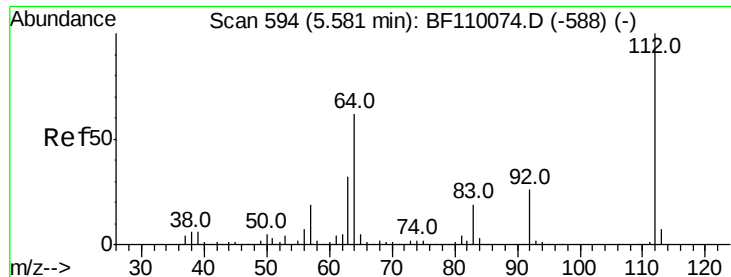
Delta R.T. 0.04 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	42	Resp:	143958
Ion Ratio	Lower	Upper	
42	100		
74	122.9	105.5	158.3
44	6.4	4.9	7.3





#5

2-Fluorophenol

Concen: 132.340 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

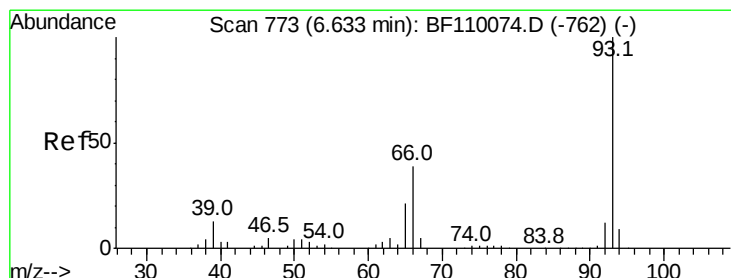
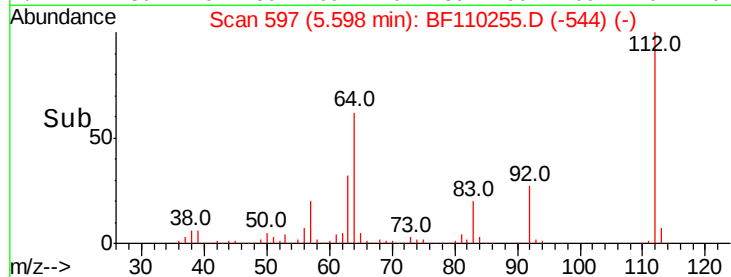
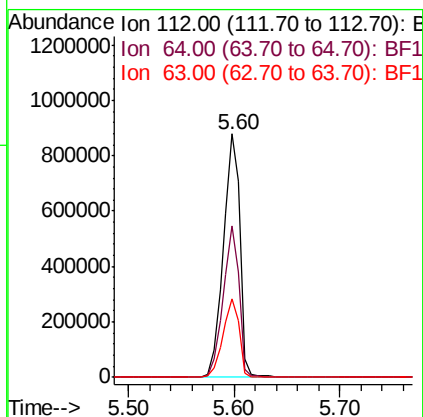
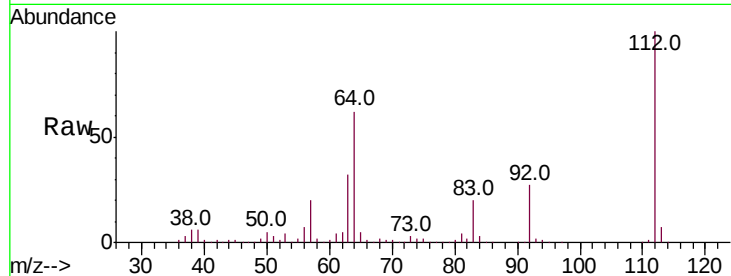
ClientSampleId :

PA-SED-01MS

Tot Ion:	112	Resp:	960718
Ion Ratio	Lower	Upper	
112	100		
64	62.0	44.1	66.1
63	32.5	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 24.951 ng

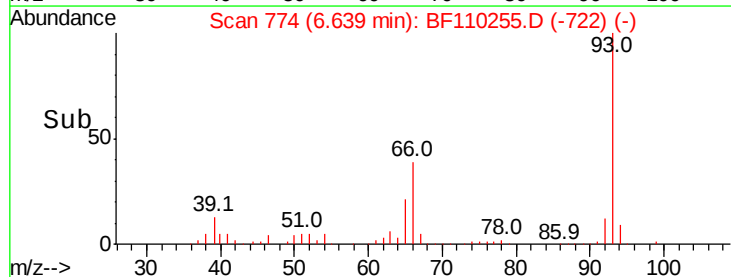
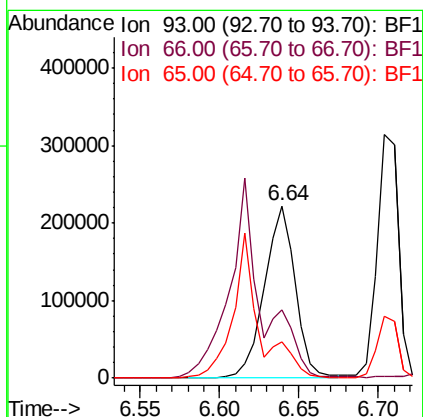
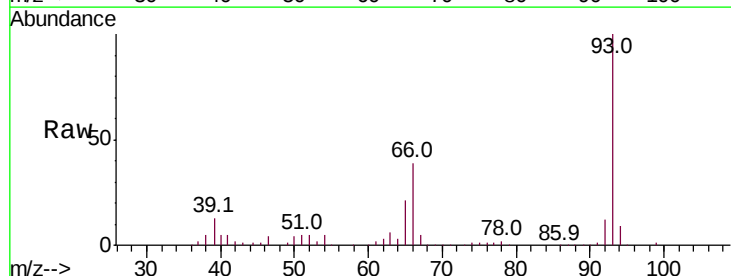
RT: 6.64 min Scan# 774

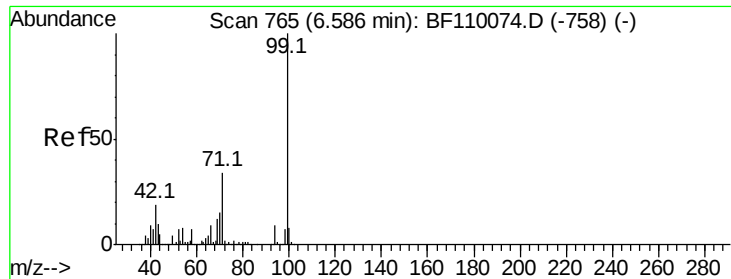
Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	93	Resp:	301803
Ion Ratio	Lower	Upper	
93	100		
66	39.4	67.4	101.0#
65	21.1	41.0	61.4#





#7

Phenol-d6

Concen: 132.449 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PA-SED-01MS

Tot Ion: 99 Resp: 1229842

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

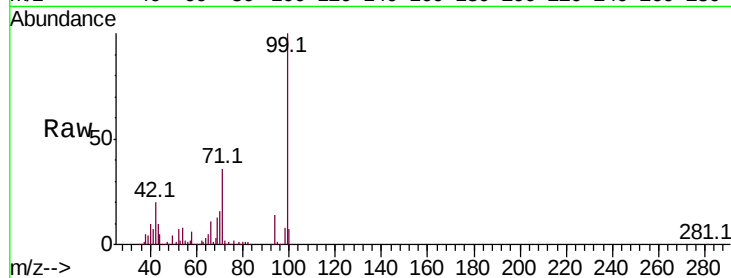
71 36.5 28.0 42.0

Manual Integrations

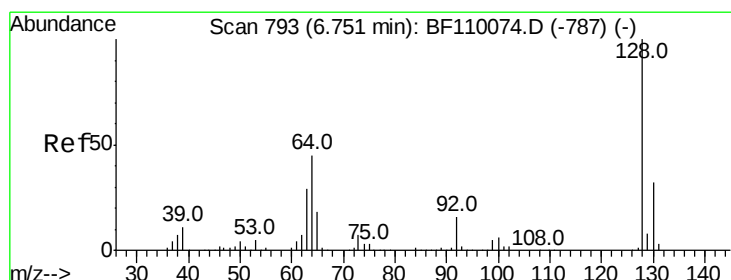
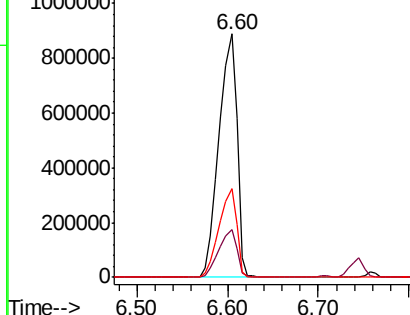
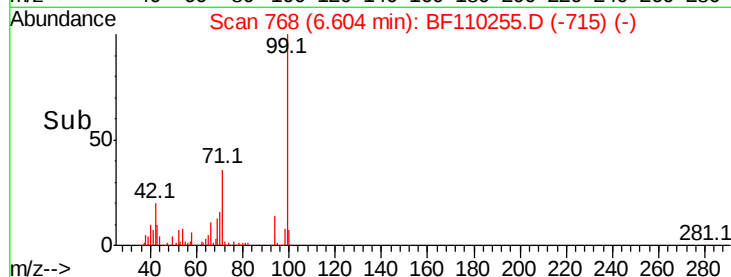
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.407 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

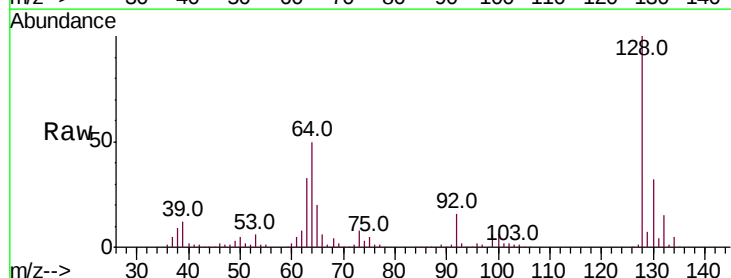
Tgt Ion: 128 Resp: 313081

Ion Ratio Lower Upper

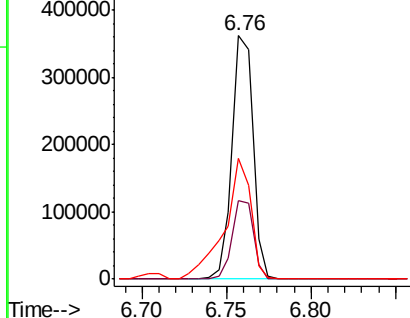
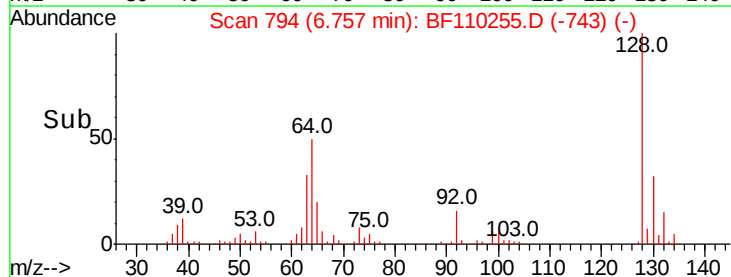
128 100

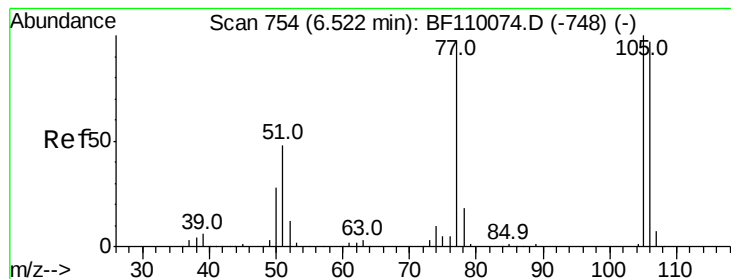
130 32.1 13.1 53.1

64 49.7 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
500000
Ion 130.00 (129.70 to 130.70): E
400000
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.654 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

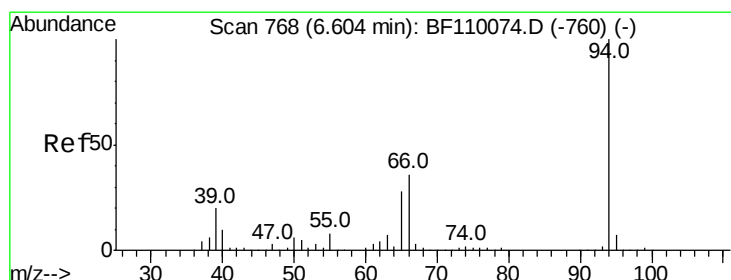
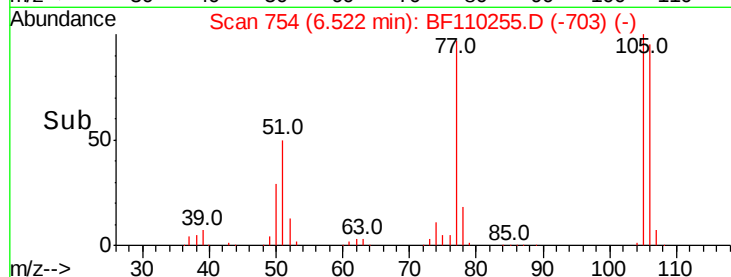
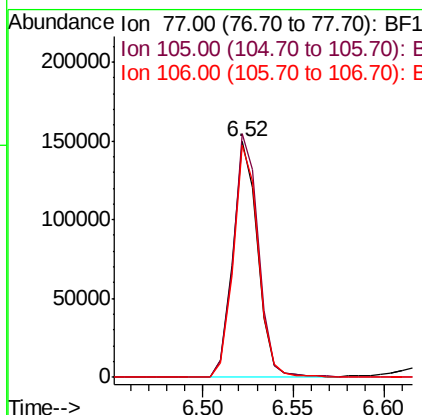
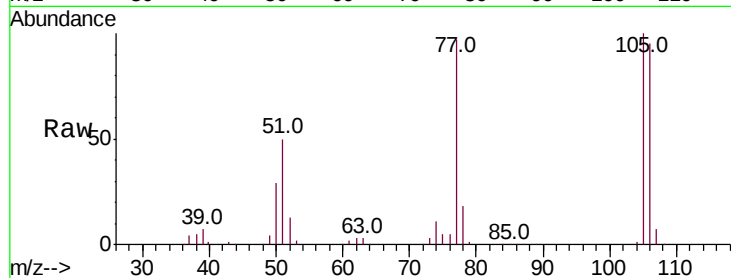
ClientSampleId :

PA-SED-01MS

Tot Ion:	77	Resp:	143407
Ion Ratio	Lower	Upper	
77	100		
105	103.4	78.6	118.6
106	98.8	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 54.070 ng

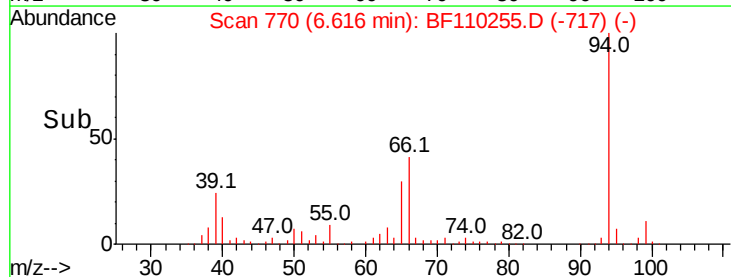
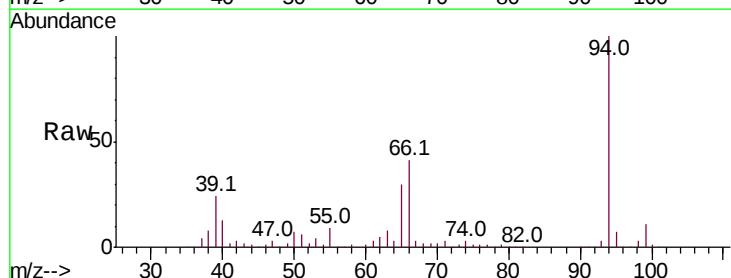
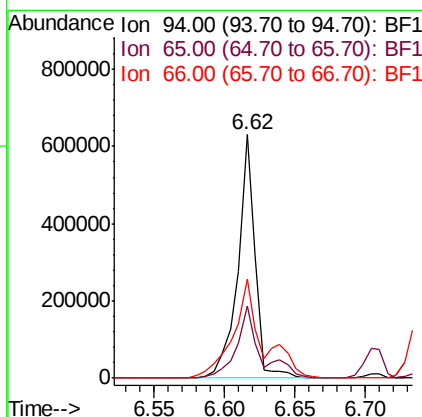
RT: 6.62 min Scan# 770

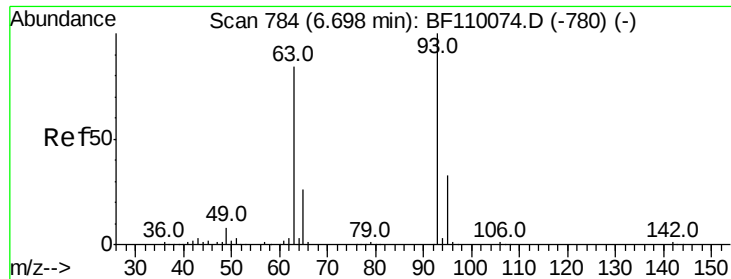
Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	94	Resp:	536664
Ion Ratio	Lower	Upper	
94	100		
65	29.8	25.3	65.3
66	40.8	54.5	94.5#





#11

bis(2-Chloroethyl)ether

Concen: 35.240 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

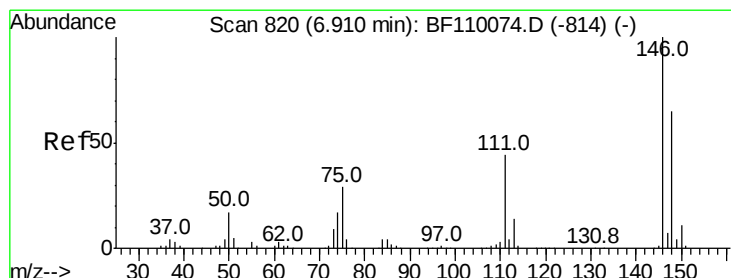
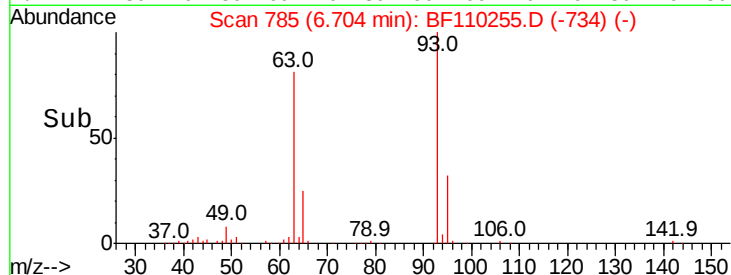
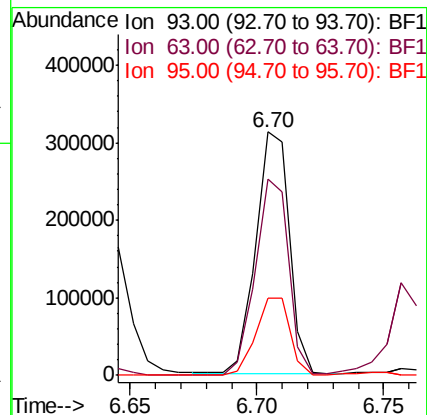
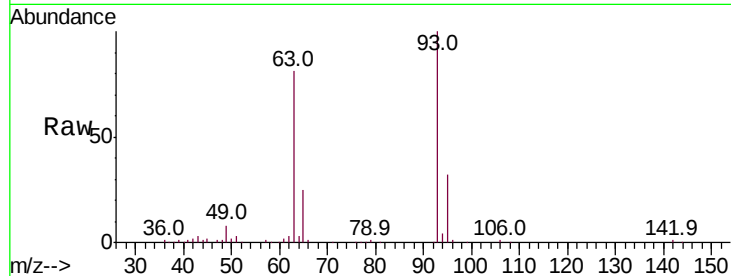
ClientSampleId :

PA-SED-01MS

Tot Ion:	93	Resp:	287764
Ion Ratio	Lower	Upper	
93	100		
63	80.8	53.4	93.4
95	31.8	12.1	52.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 34.379 ng

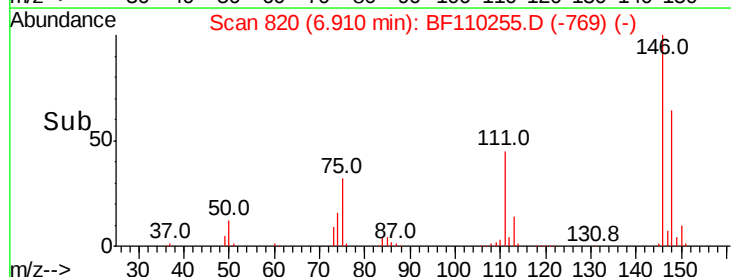
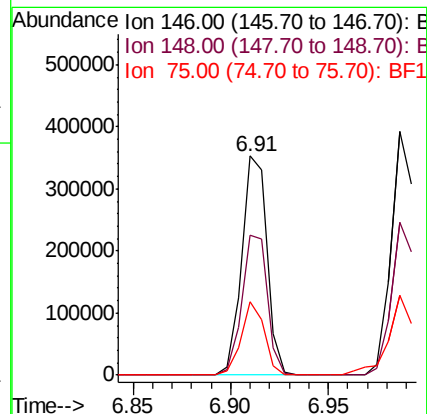
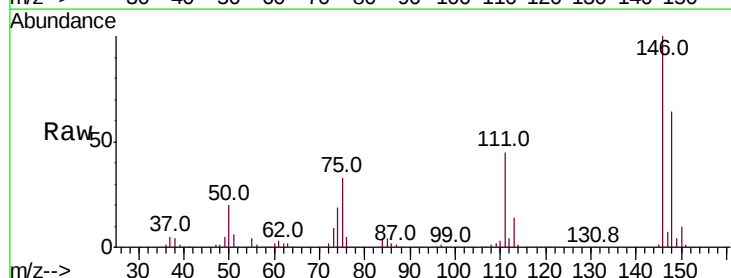
RT: 6.91 min Scan# 820

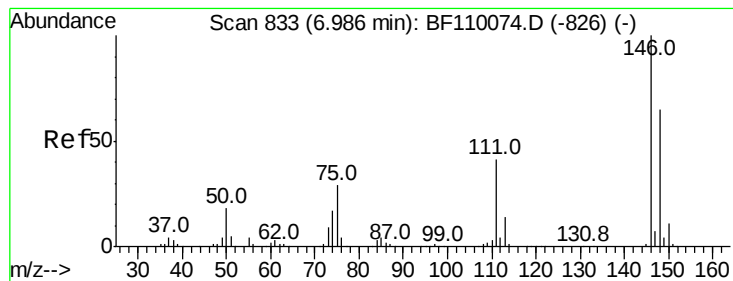
Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	146	Resp:	316654
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.4	75.6
75	33.3	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 35.059 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

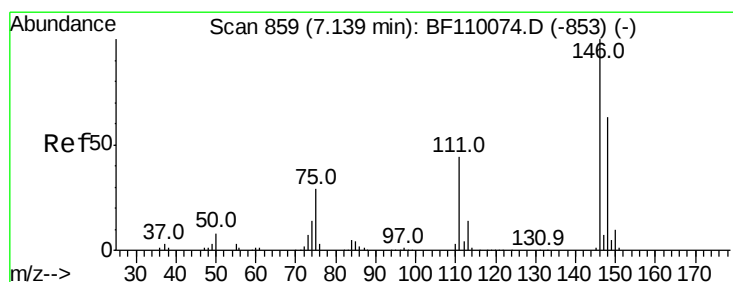
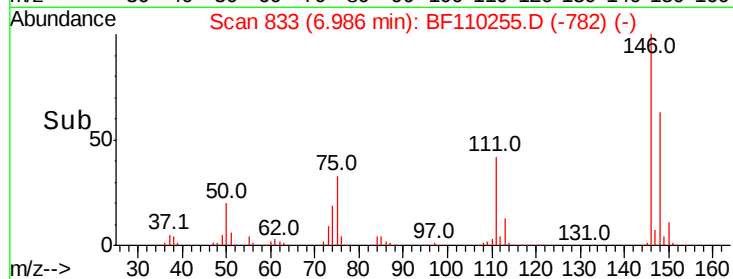
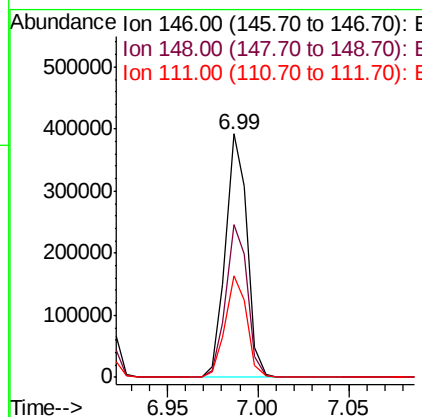
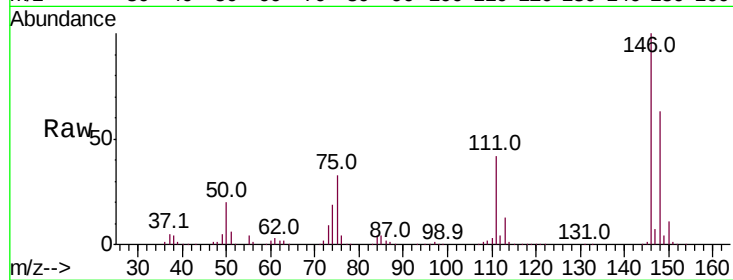
ClientSampleId :

PA-SED-01MS

Tot Ion:	146	Resp:	326582
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.3	75.5
111	41.9	32.7	49.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.055 ng

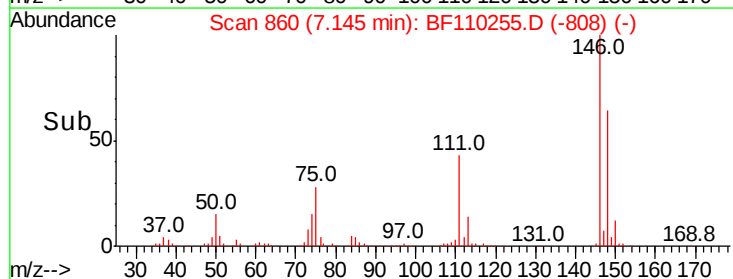
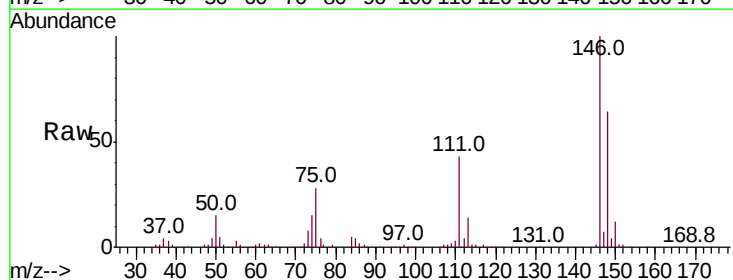
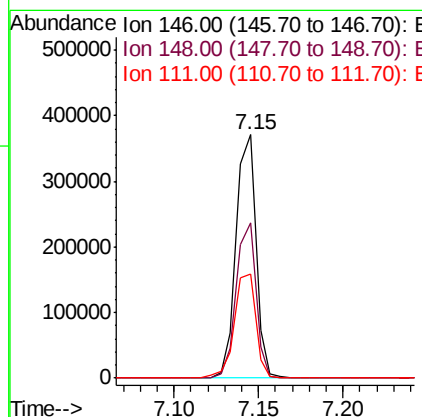
RT: 7.15 min Scan# 860

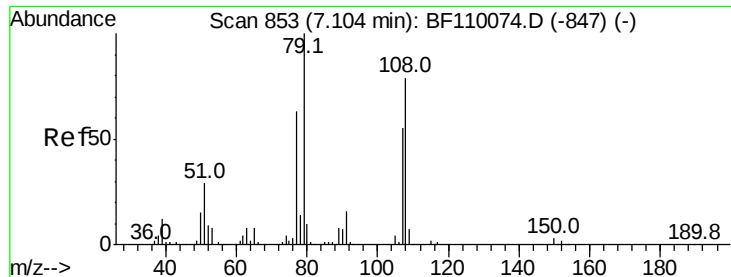
Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	146	Resp:	303145
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.1	76.7
111	42.7	35.8	53.6





#15

Benzyl Alcohol

Concen: 38.351 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

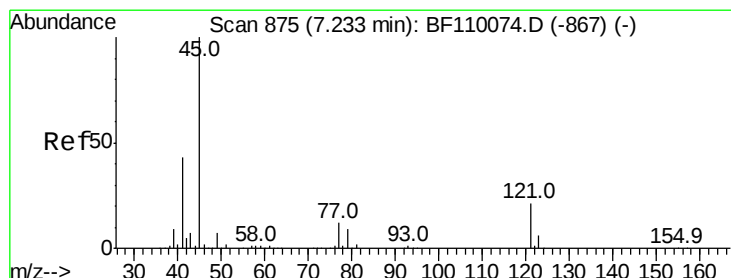
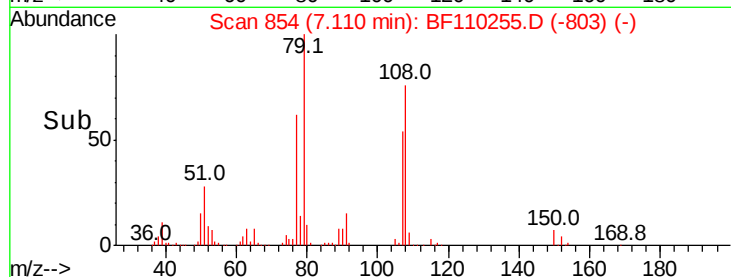
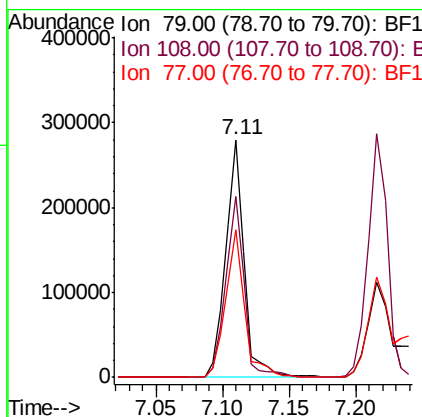
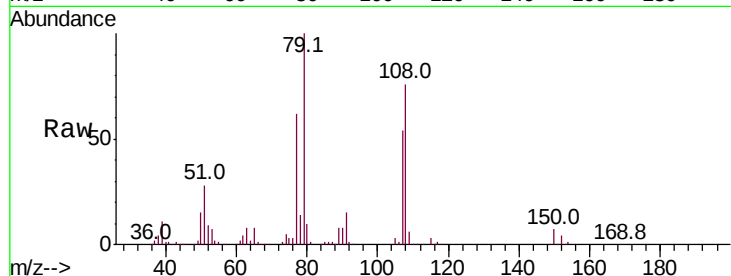
ClientSampleId :

PA-SED-01MS

Tot Ion:	79	Resp:	273889
Ion Ratio	Lower	Upper	
79	100		
108	76.0	56.3	84.5
77	62.2	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.316 ng

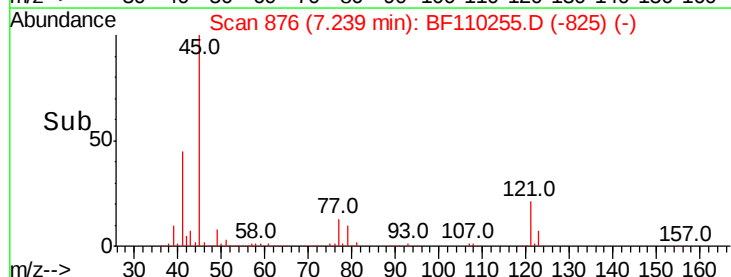
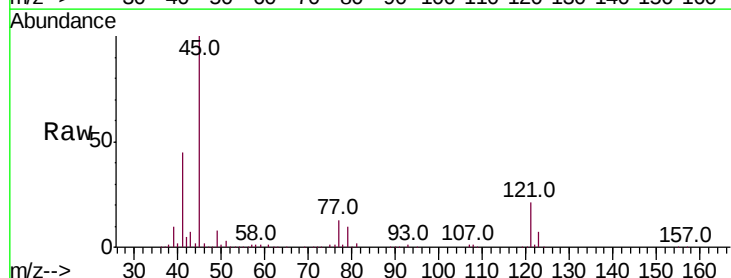
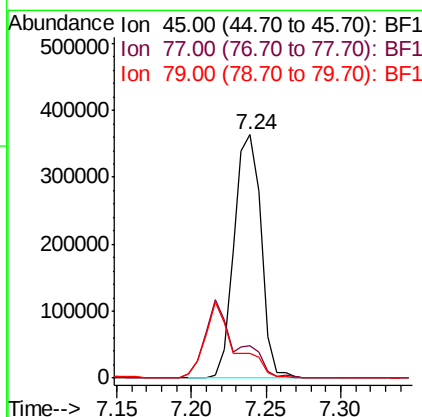
RT: 7.24 min Scan# 876

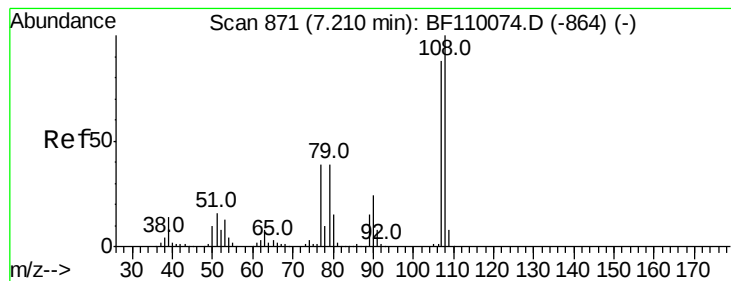
Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	45	Resp:	461092
Ion Ratio	Lower	Upper	
45	100		
77	13.2	10.0	50.0
79	10.2	6.1	46.1





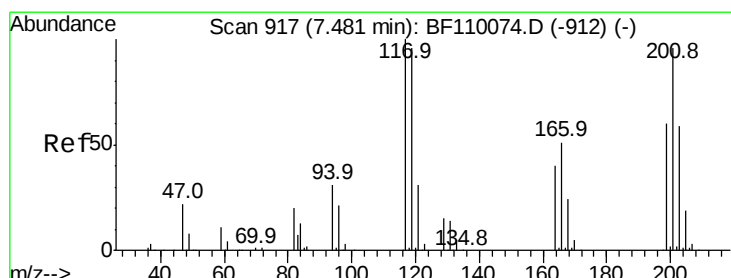
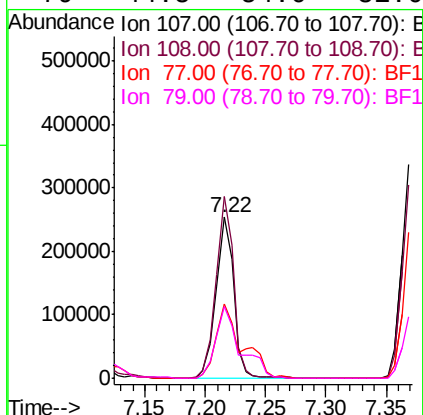
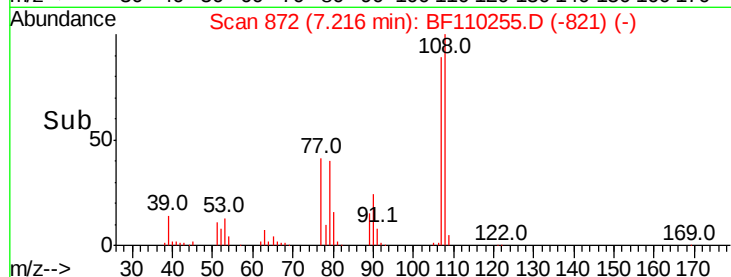
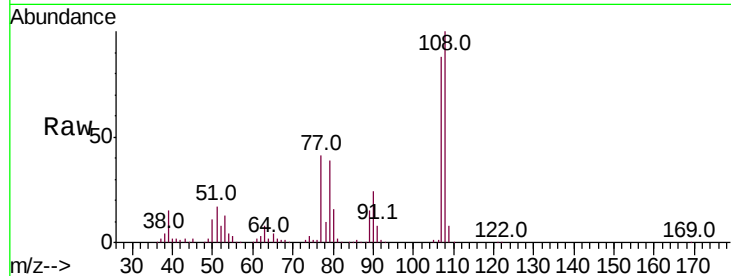
#17
2-Methylphenol
Concen: 38.351 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampled :
PA-SED-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	92.6	138.8	
77	46.3	59.4	89.2#	
79	44.5	54.0	81.0#	

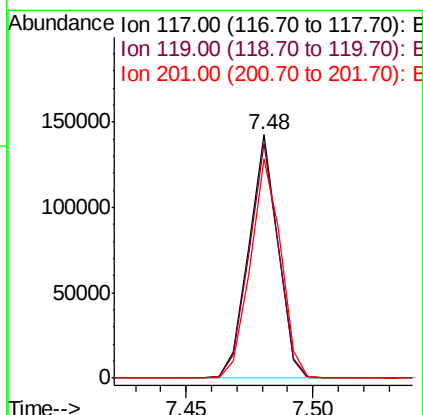
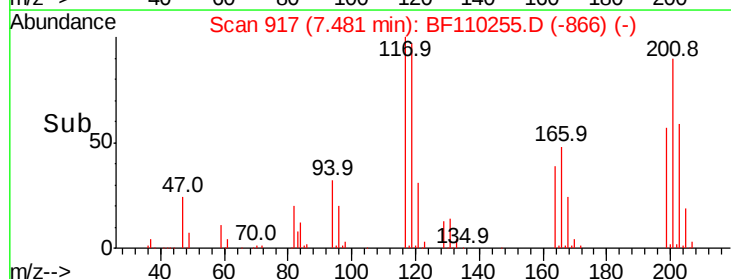
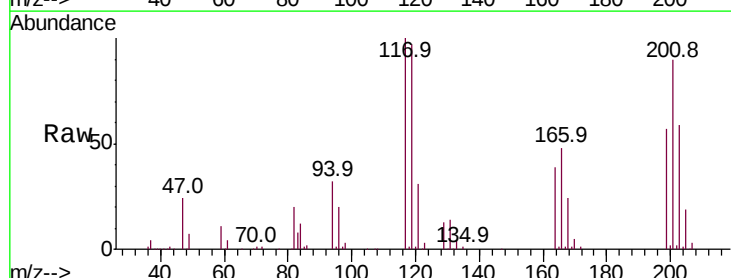
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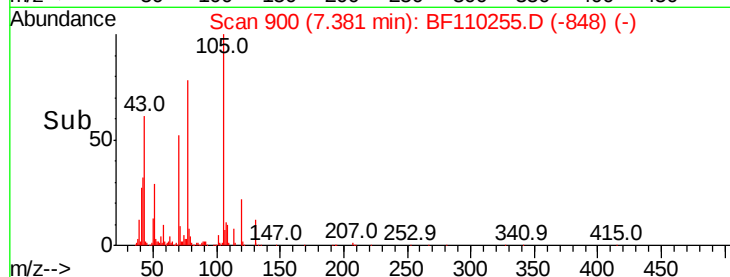
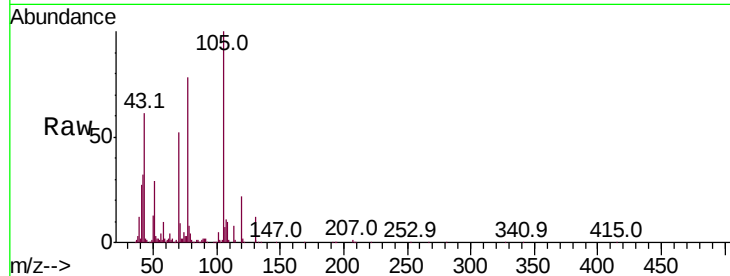
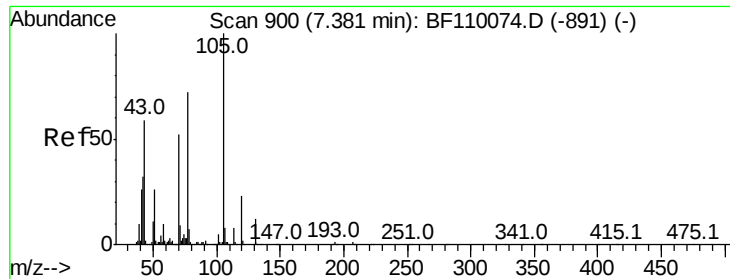
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#18
Hexachloroethane
Concen: 33.621 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	75.0	112.6	
201	90.0	79.2	118.8	





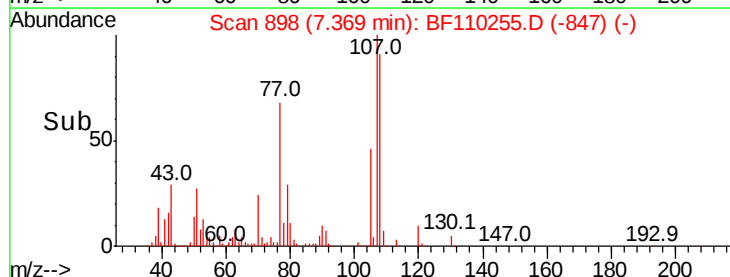
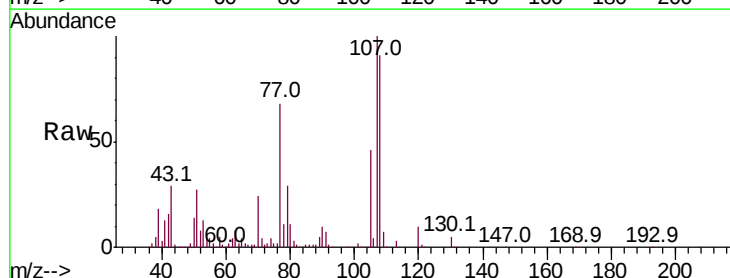
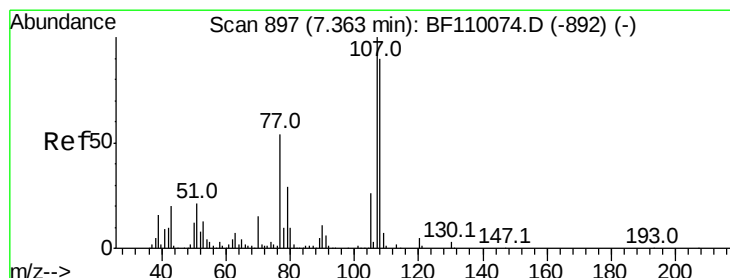
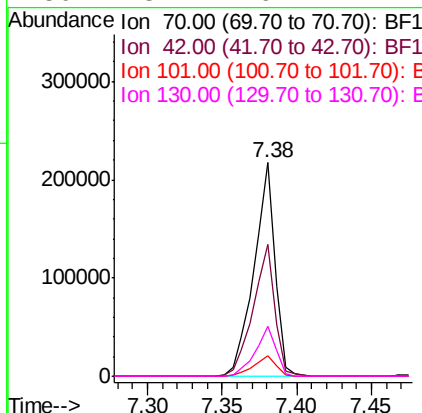
#19
n-Nitroso-di-n-propylamine
Concen: 35.494 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.4	71.2
101	9.5	7.3	10.9
130	23.1	16.2	24.2

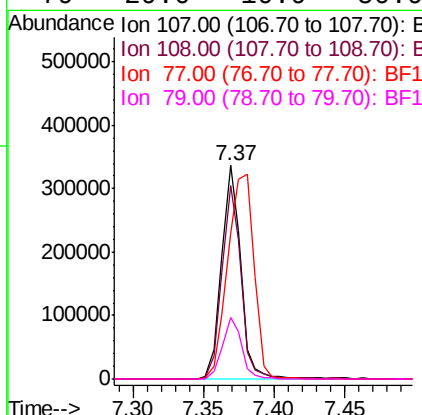
Manual Integrations
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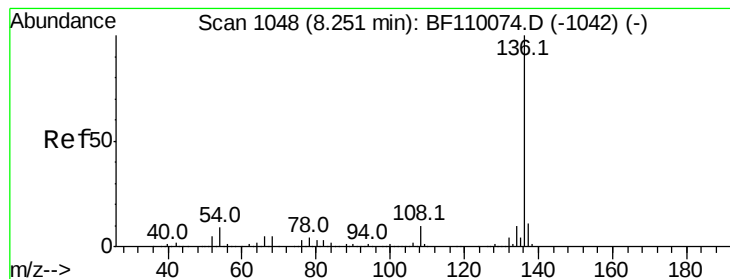
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#20
3+4-Methylphenols
Concen: 37.062 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.4	111.4
77	68.4	47.3	87.3
79	29.0	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

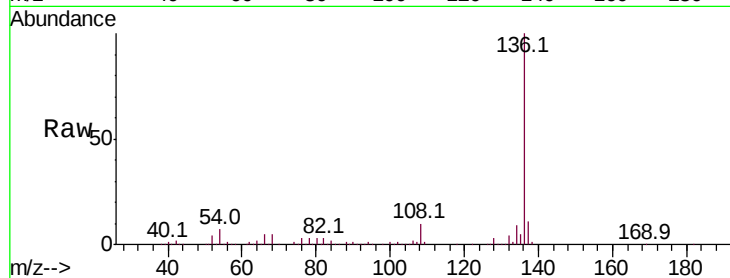
ClientSampleId :

PA-SED-01MS

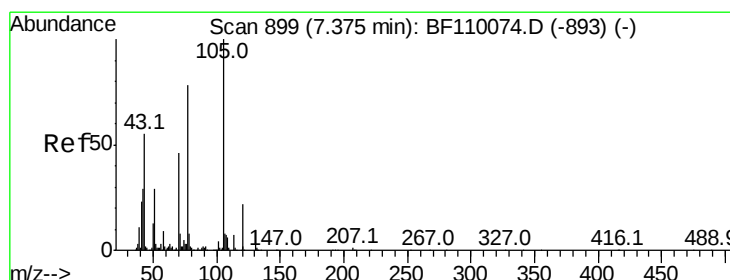
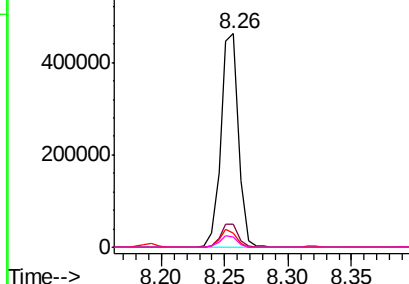
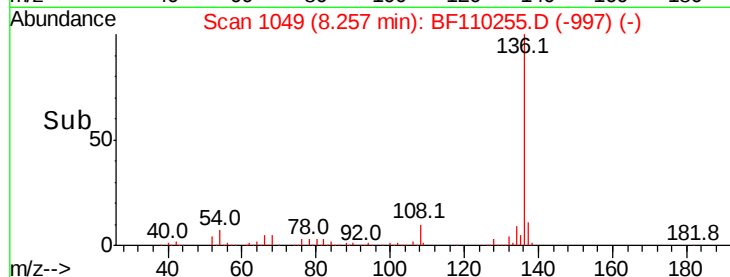
Tot Ion	Ratio	Resp	Lower	Upper
136	100	448469		
137	10.9	8.8	13.2	
54	6.8	5.4	8.2	
68	4.9	4.2	6.2	

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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: 41.097 ng

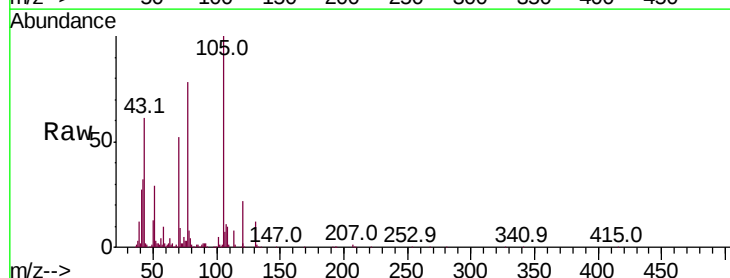
RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

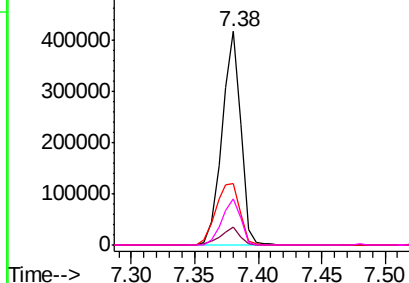
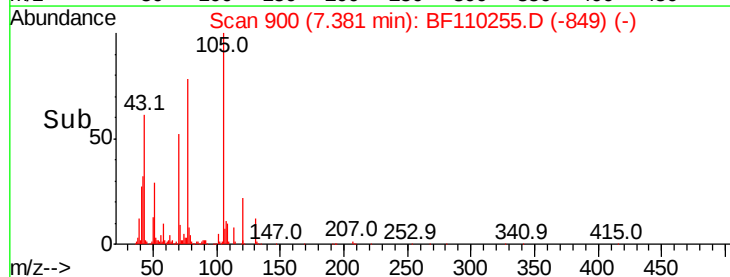
Lab File: BF110255.D

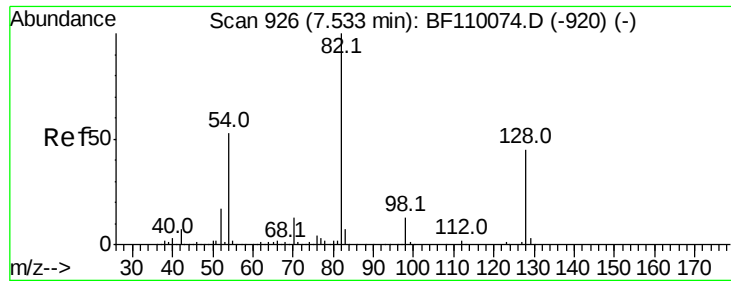
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	424686		
71	8.7	5.2	7.8#	
51	29.0	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





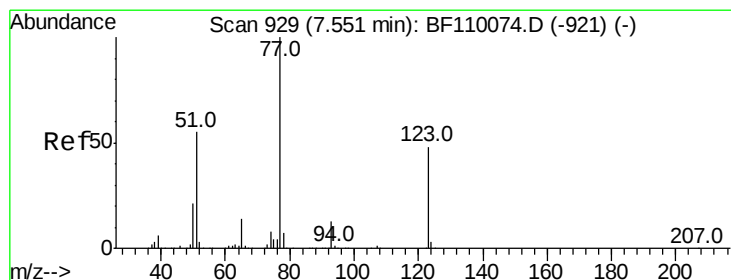
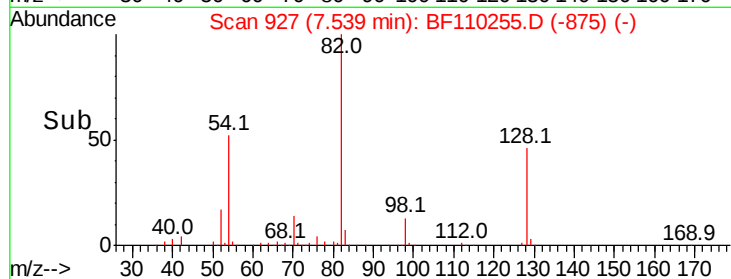
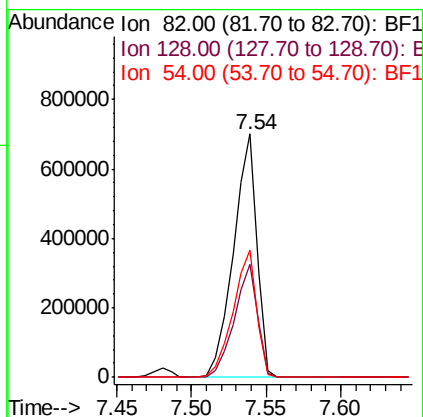
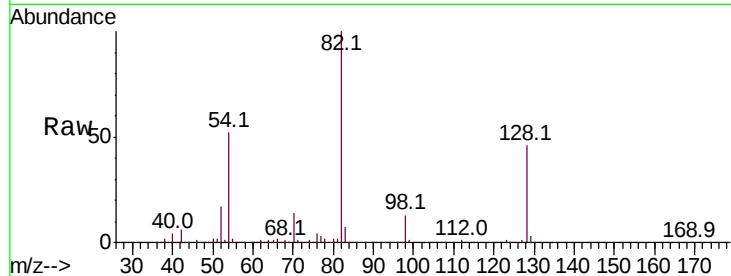
#23
 Nitrobenzene-d5
 Concen: 101.709 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.2	51.2
54	52.0	38.6	58.0

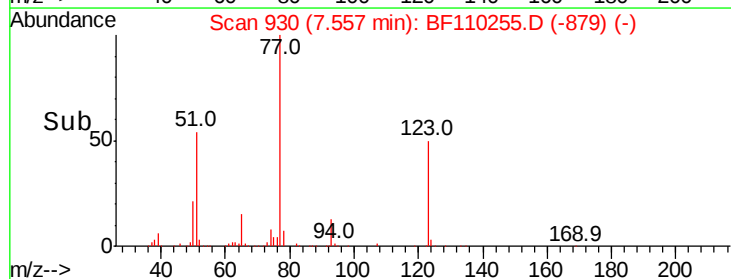
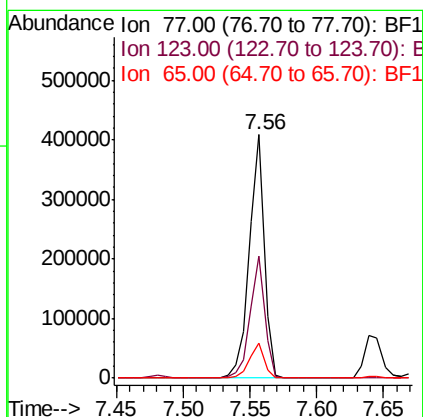
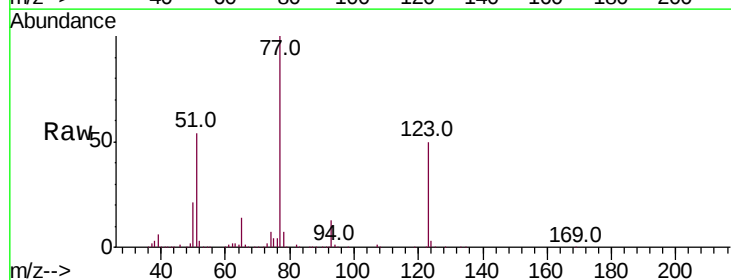
Manual Integrations
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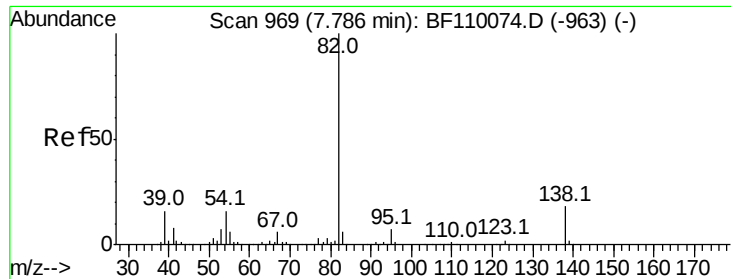
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#24
 Nitrobenzene
 Concen: 40.154 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.7	53.5
65	14.4	10.7	16.1





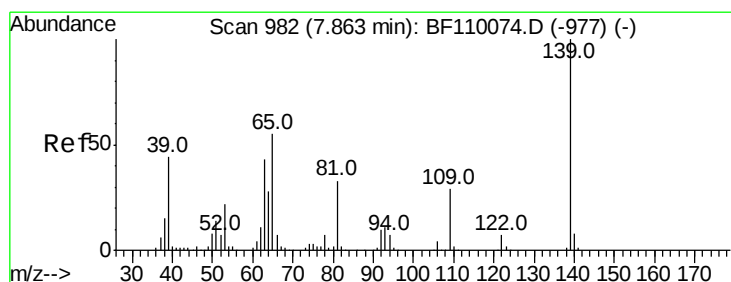
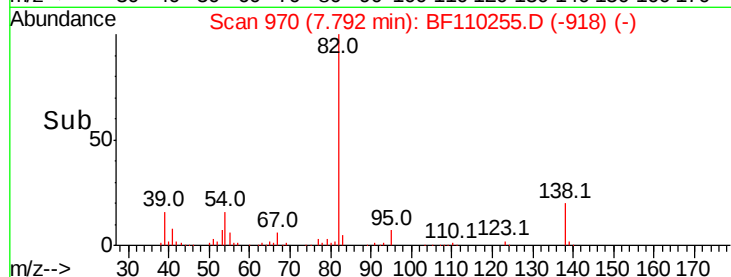
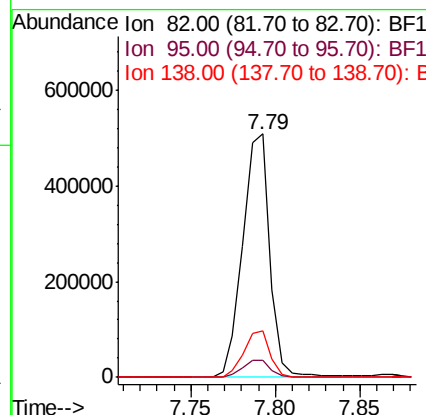
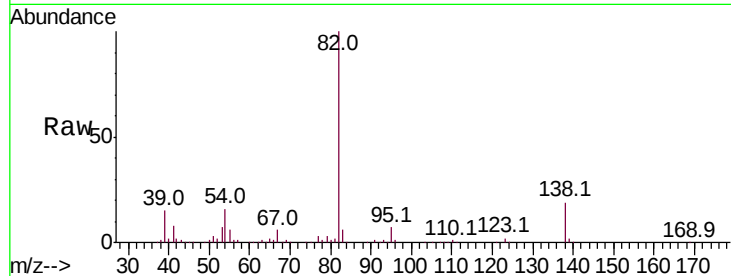
#25
Isophorone
Concen: 44.251 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	19.3	13.2	19.8

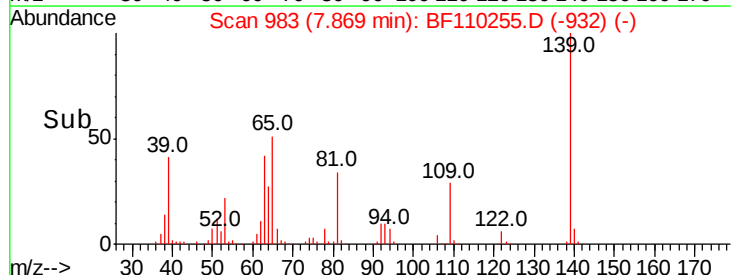
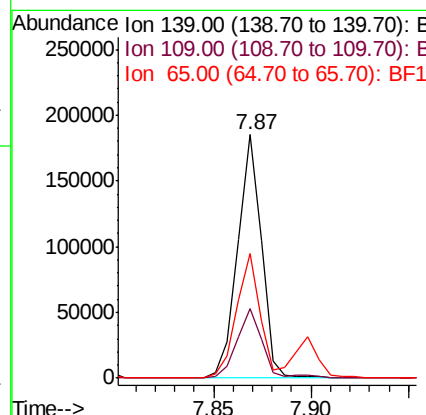
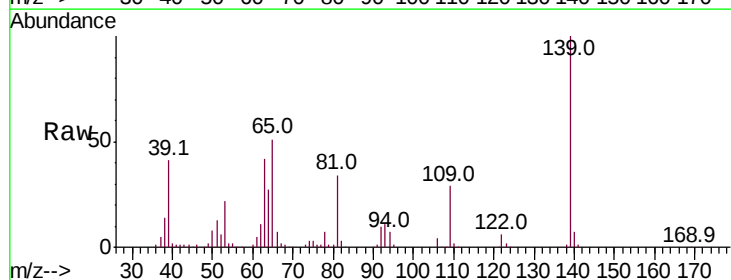
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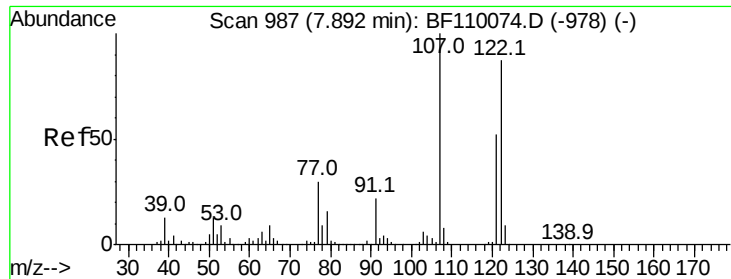
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#26
2-Nitrophenol
Concen: 42.442 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.6	25.0	37.6
65	51.0	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 44.839 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

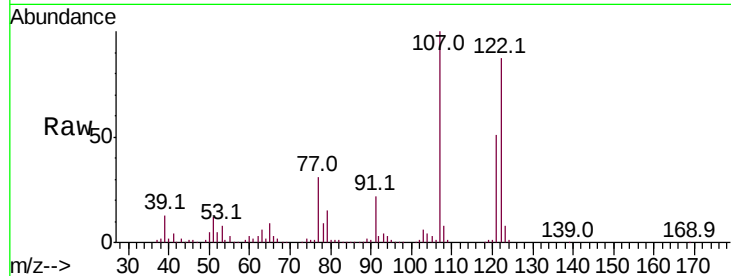
ClientSampleId :

PA-SED-01MS

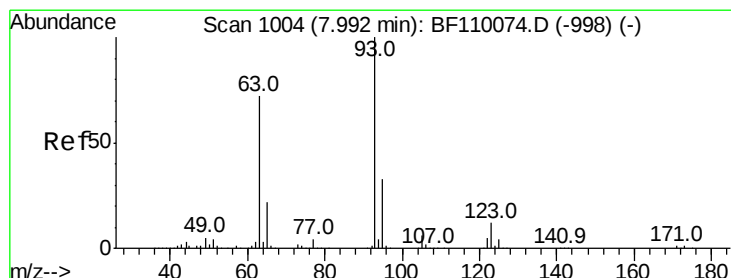
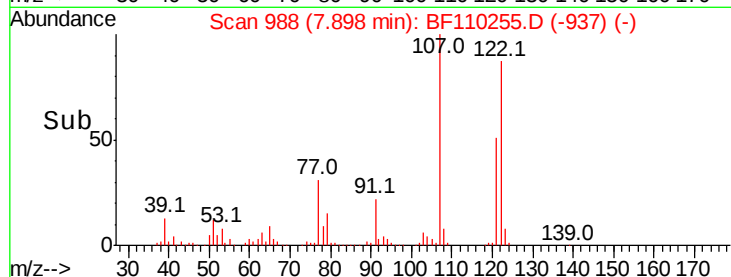
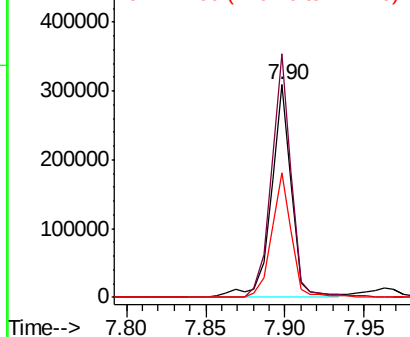
Tot Ion:	122	Resp:	276152
Ion Ratio	Lower	Upper	
122	100		
107	114.5	92.5	138.7
121	58.7	45.8	68.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.522 ng

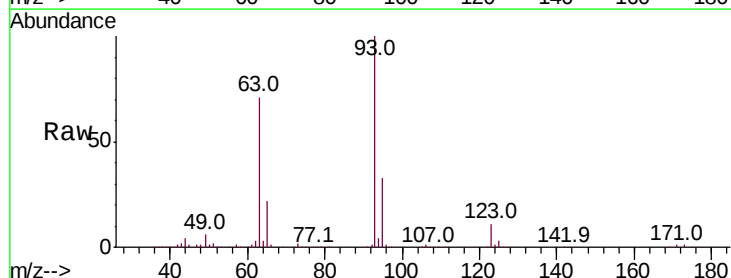
RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

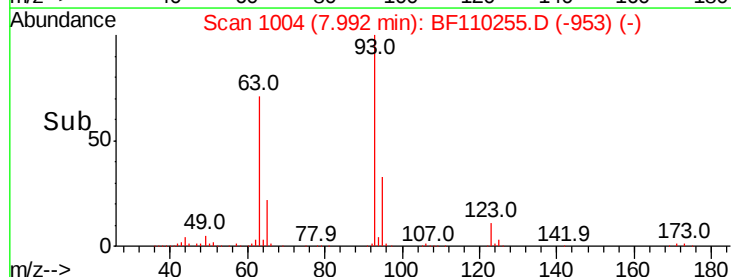
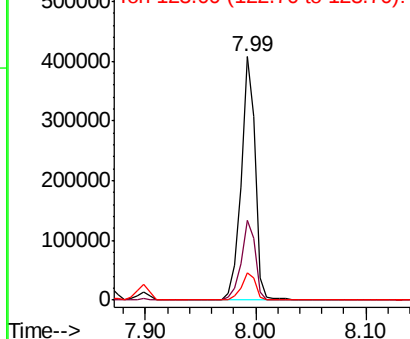
Lab File: BF110255.D

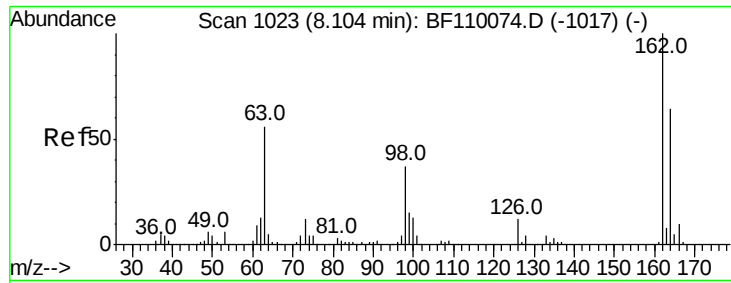
Acq: 29 Oct 2018 11:58

Tgt Ion:	93	Resp:	363552
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.4	39.6
123	11.3	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





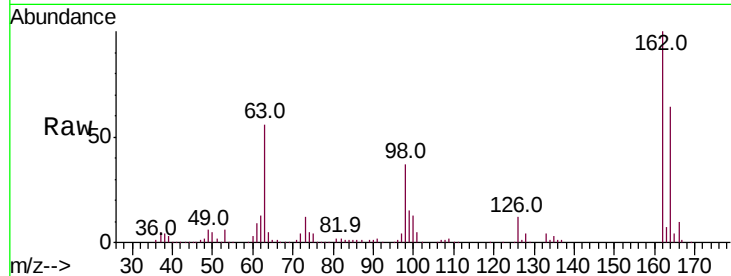
#29
2,4-Dichlorophenol
Concen: 41.397 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
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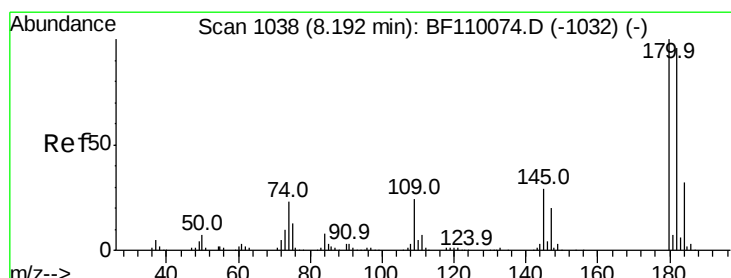
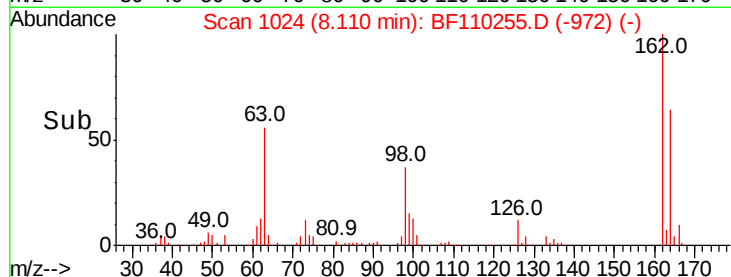
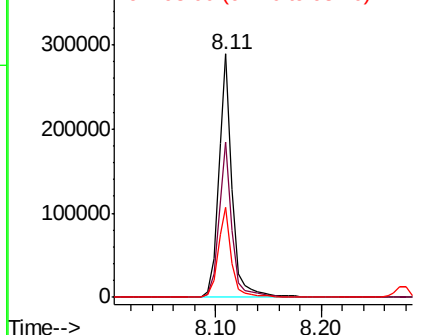
Tot Ion	Ratio	Resp	Lower	Upper
162	100	257580		
164	63.7		44.6	84.6
98	36.9		17.4	57.4

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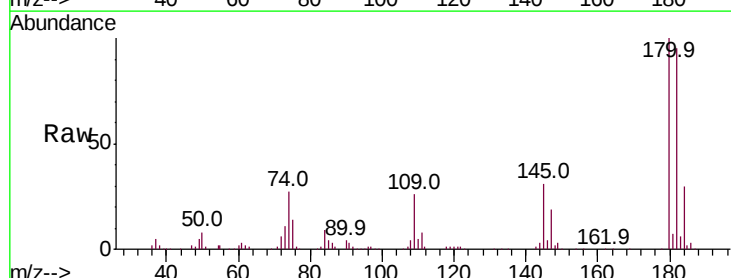


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

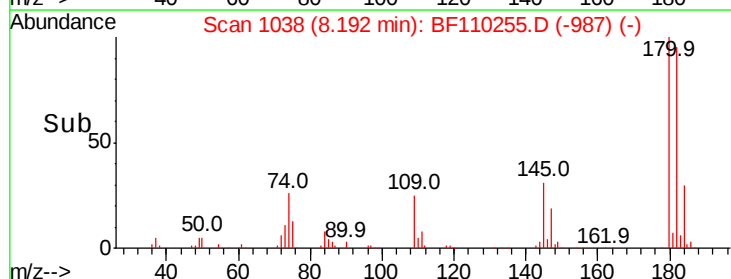
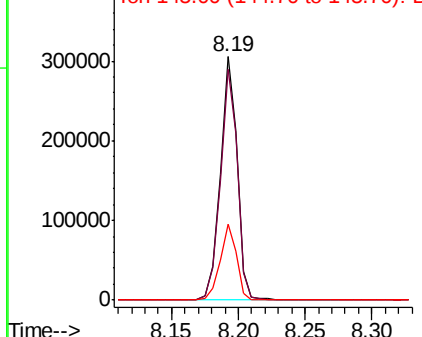


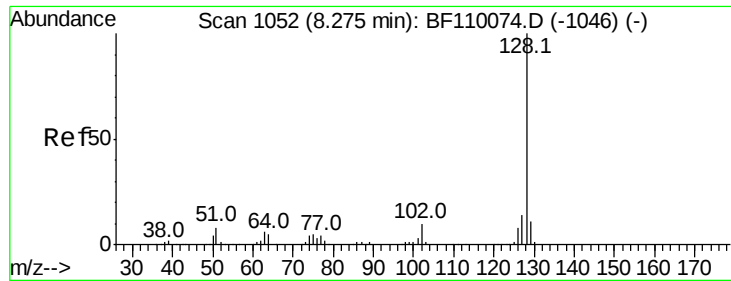
#30
1,2,4-Trichlorobenzene
Concen: 39.024 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	271979		
182	94.9		80.3	120.5
145	31.3		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





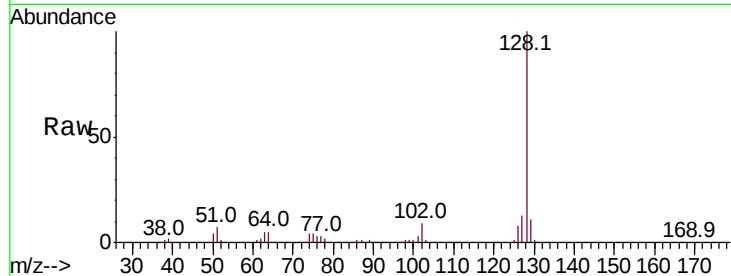
#31
Naphthalene
Concen: 42.149 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	871187		
129	10.9		8.8	13.2
127	13.2		10.8	16.2

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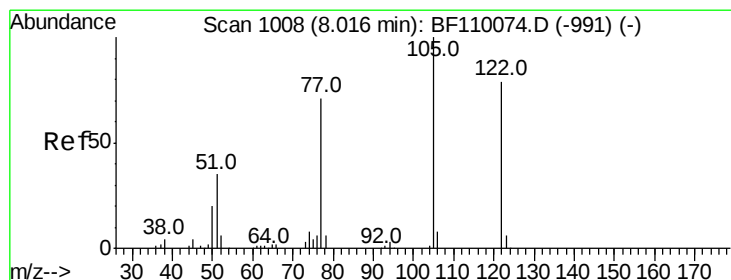
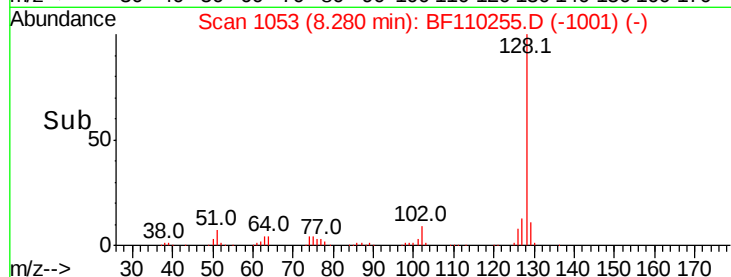
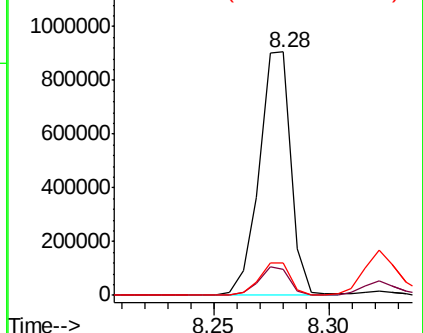


Abundance

Ion 128.00 (127.70 to 128.70): E

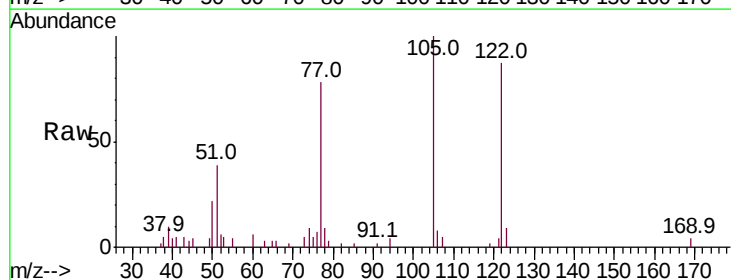
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 4.238 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.05 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	20174		
105	114.9		109.0	149.0
77	89.9		79.0	119.0

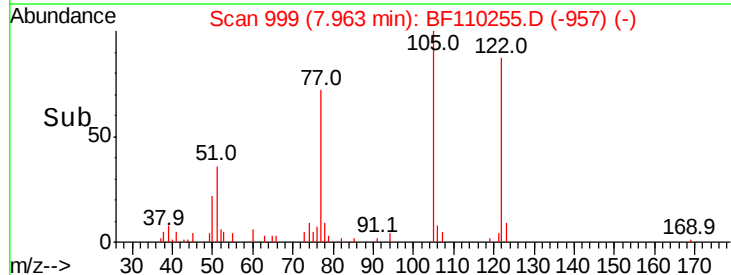
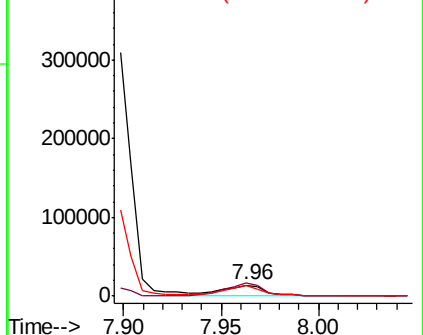


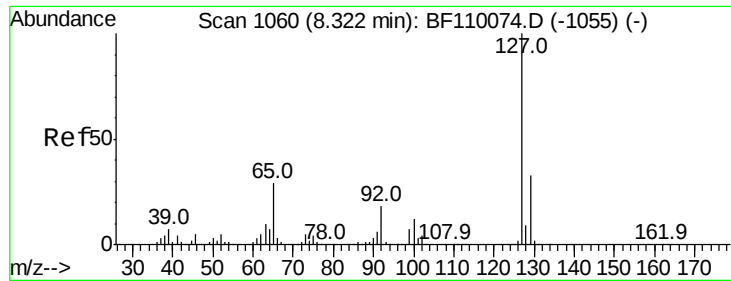
Abundance

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





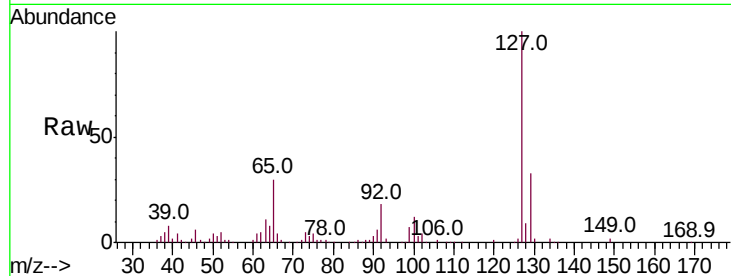
#33
4-Chloroaniline
Concen: 20.111 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		187080		
129	32.7	26.0	39.0		
65	30.3	25.1	37.7		
92	18.4	15.0	22.6		

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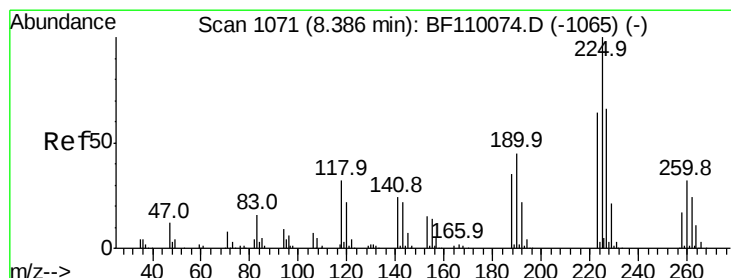
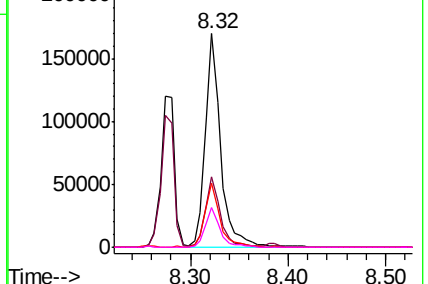
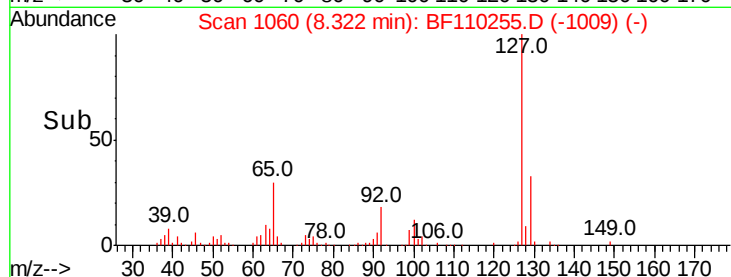
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

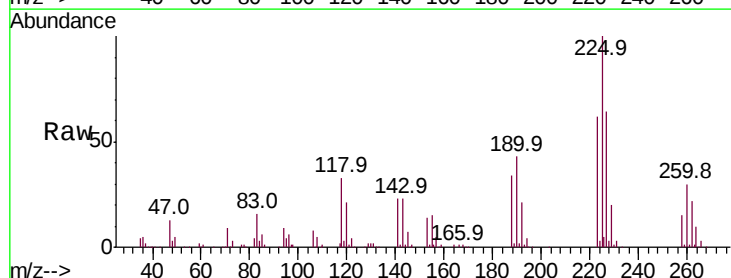
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.491 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		148953		
223	62.1	51.4	77.2		
227	64.1	51.0	76.6		

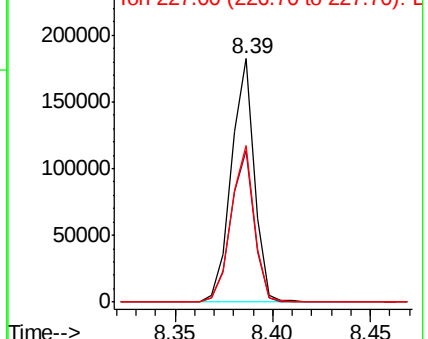
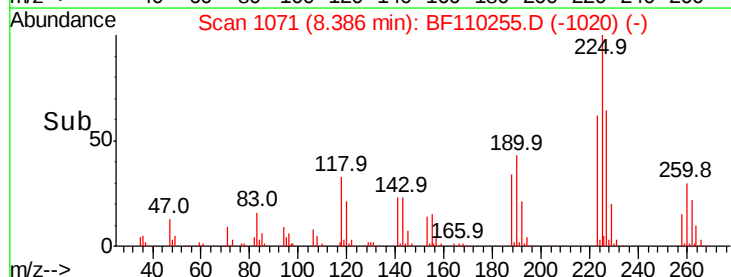


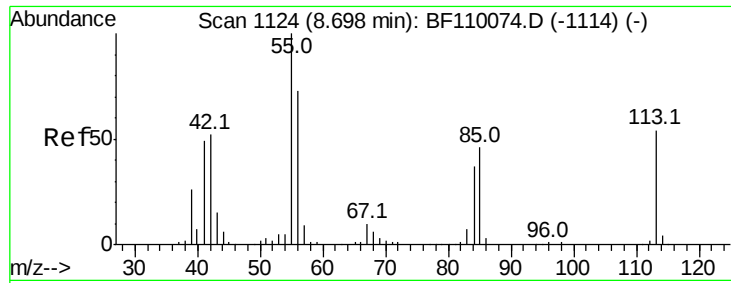
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





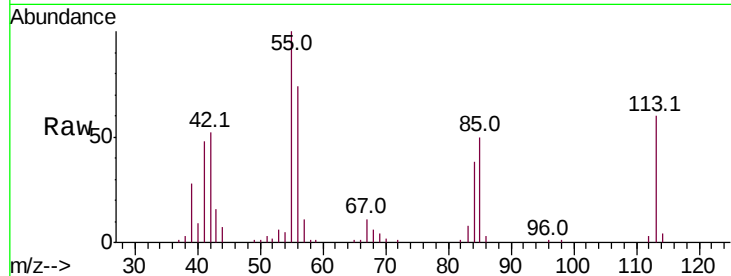
#35
 Caprolactam
 Concen: 35.365 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.3	142.8	182.8
56	122.6	105.0	145.0

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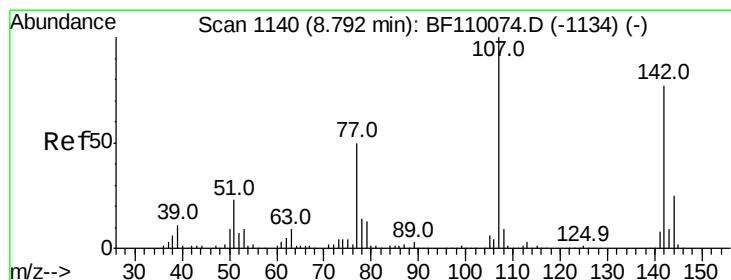
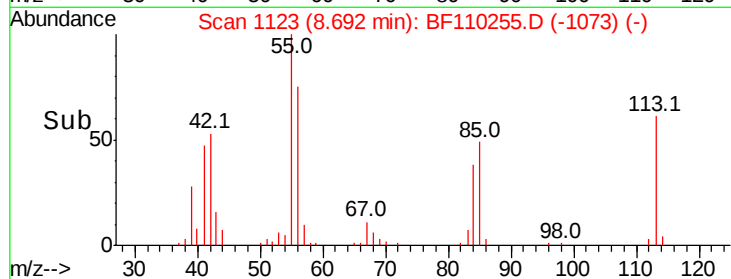
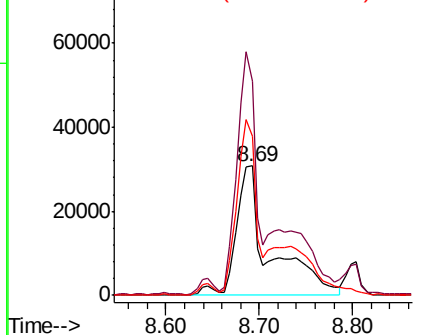


Abundance

Ion 113.00 (112.70 to 113.70): E

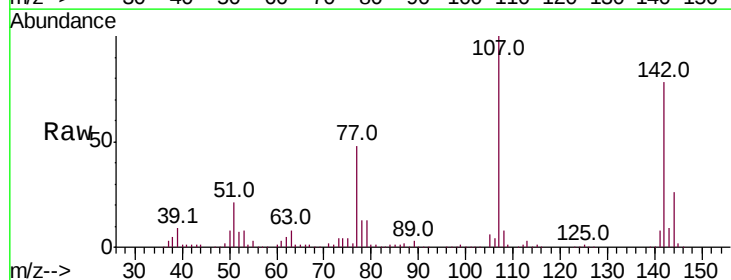
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 39.458 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.0	30.0
142	78.4	59.7	89.5

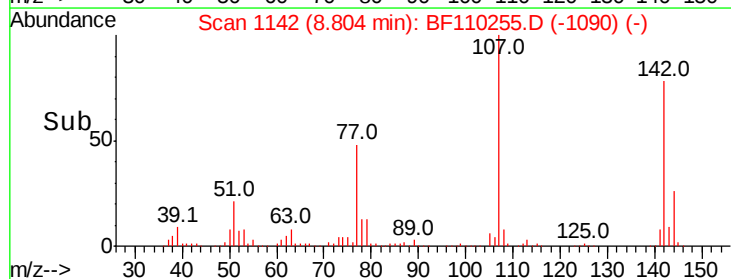
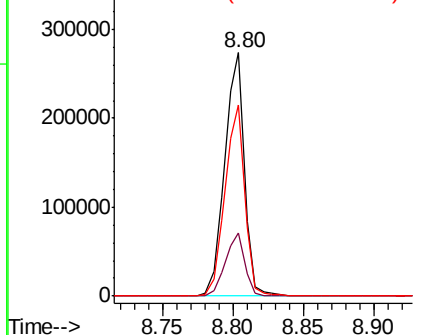


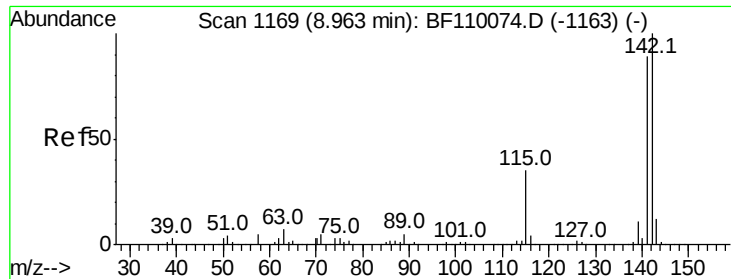
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





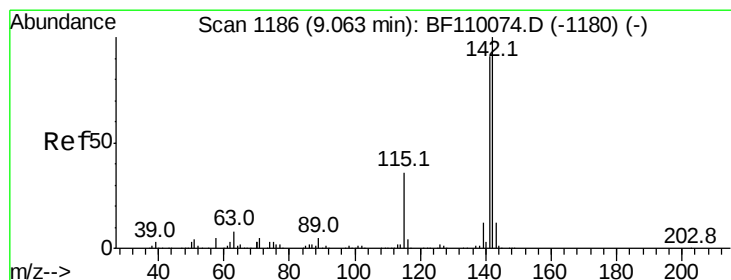
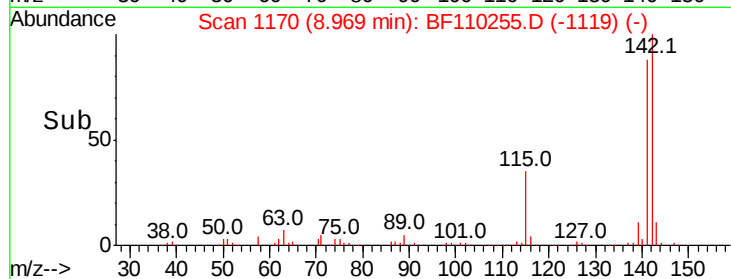
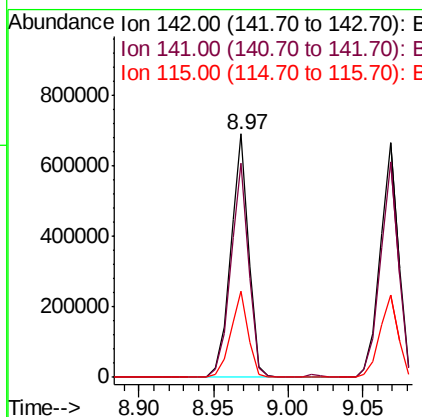
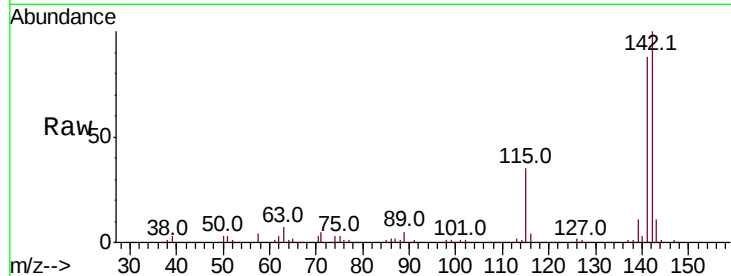
#37
2-Methylnaphthalene
Concen: 43.005 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	588118		
141	87.7	71.4	107.2	
115	35.2	28.7	43.1	

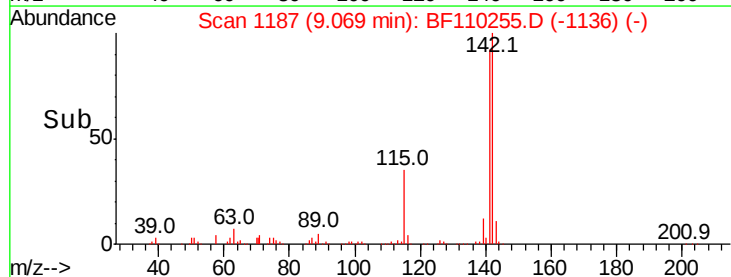
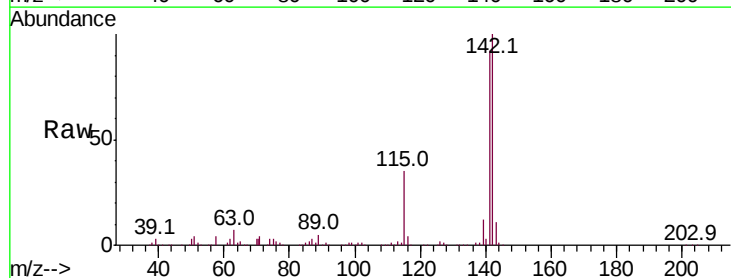
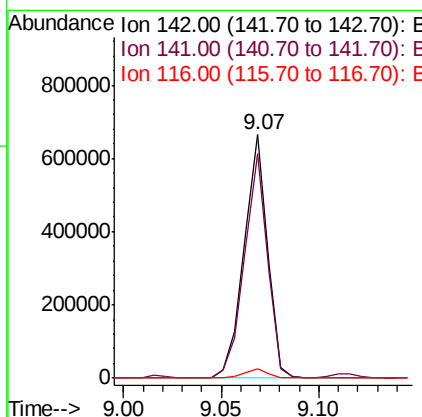
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#38
1-Methylnaphthalene
Concen: 41.809 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	552536		
141	92.1	74.2	111.4	
116	3.6	2.6	4.0	





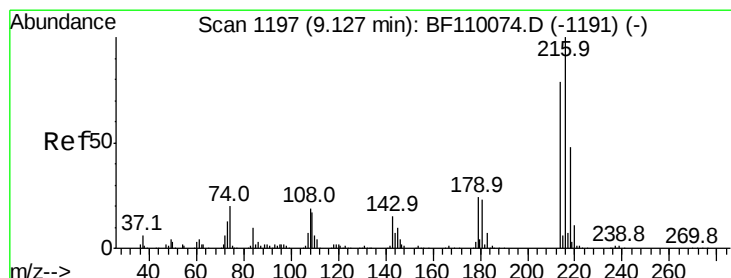
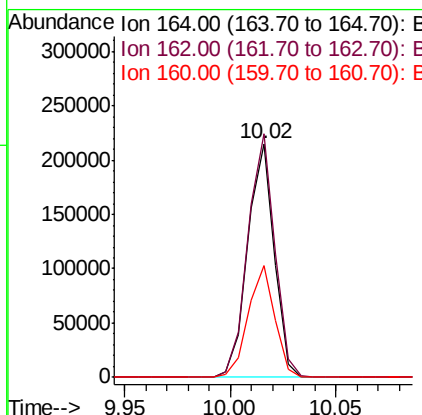
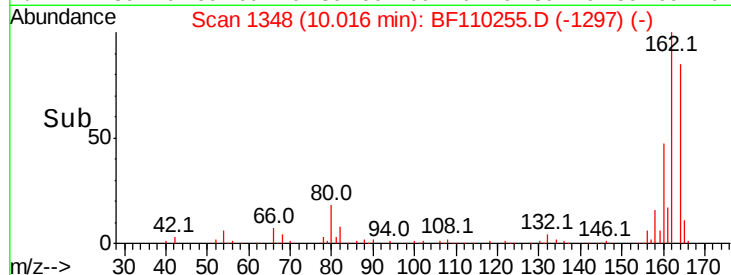
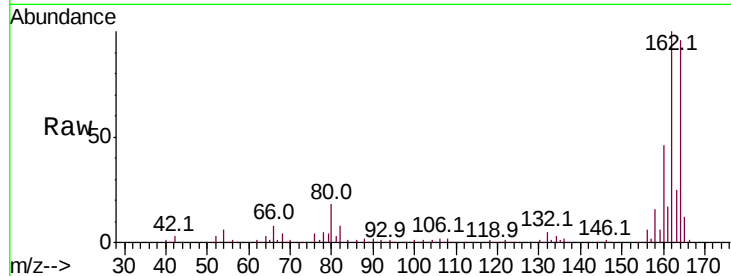
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	83.0	124.6	
160	47.9	37.0	55.6	

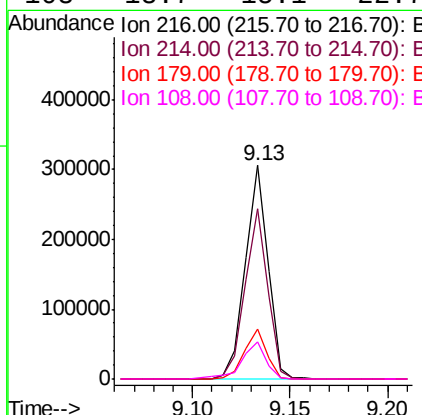
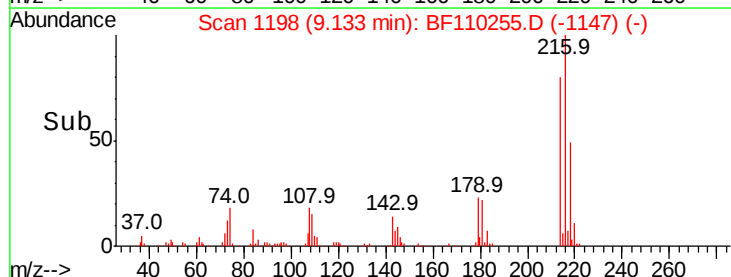
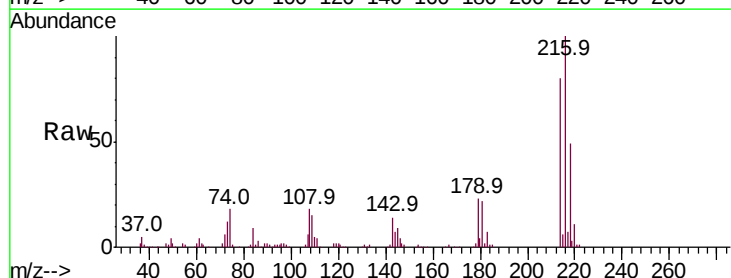
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.240 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.8	95.6	
179	22.7	16.6	25.0	
108	18.7	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 28.700 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

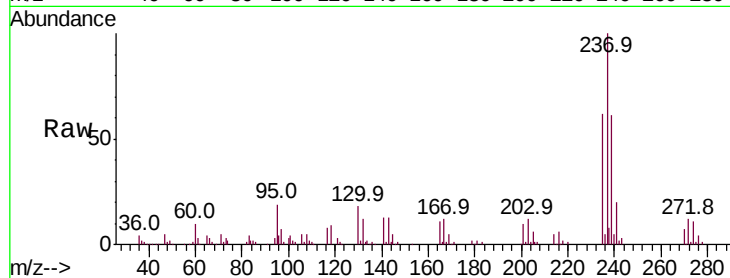
ClientSampleId :

PA-SED-01MS

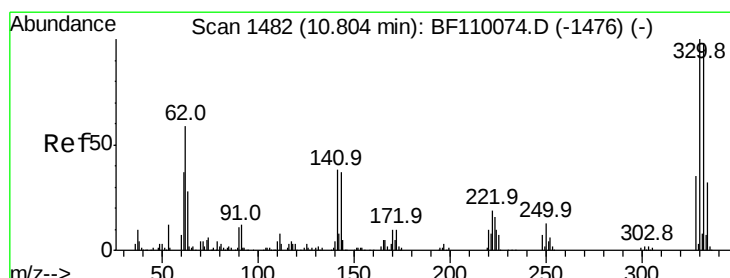
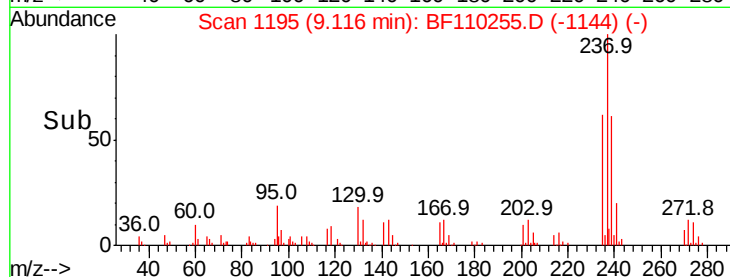
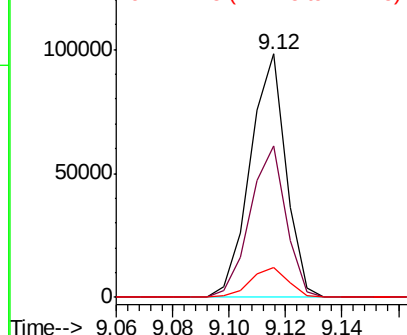
Tot Ion:	237	Resp:	86116
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.1	83.1
272	12.1	0.0	32.6

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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: 130.219 ng

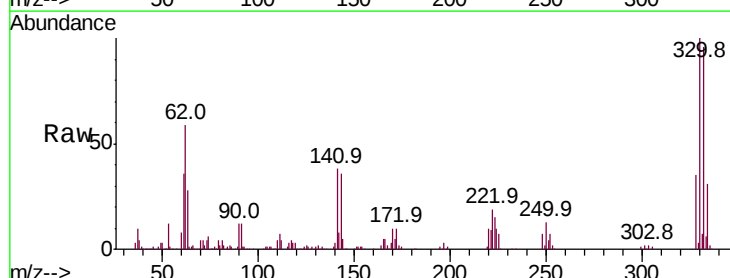
RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

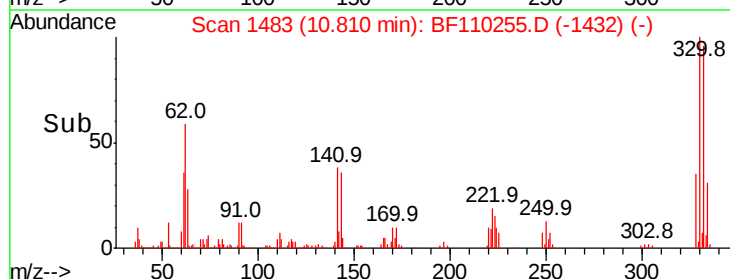
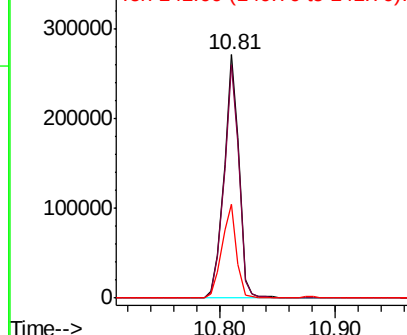
Lab File: BF110255.D

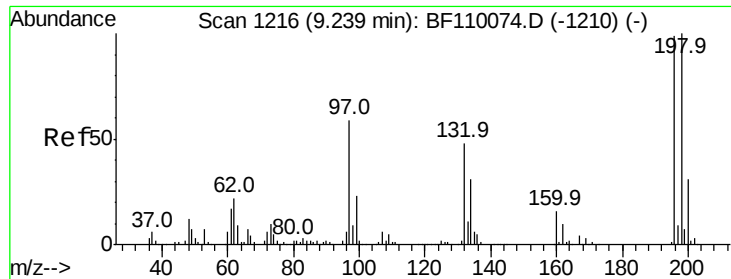
Acq: 29 Oct 2018 11:58

Tgt Ion:	330	Resp:	242930
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.1	115.7
141	37.6	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





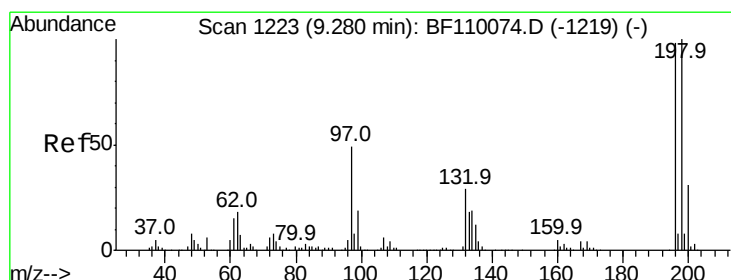
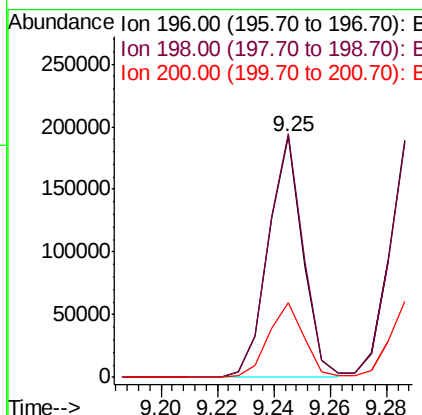
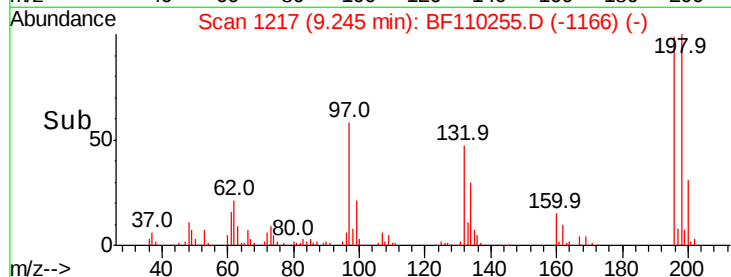
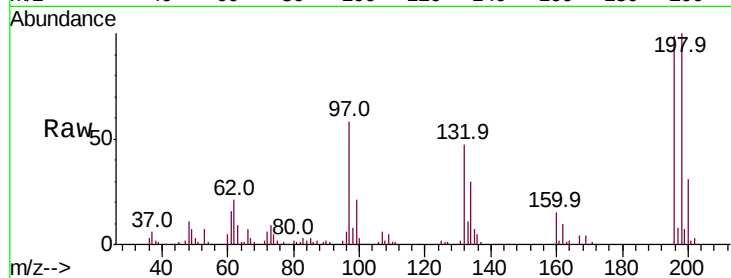
#43
 2,4,6-Trichlorophenol
 Concen: 43.152 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MS

Tot Ion:	196	Resp:	163322
Ion Ratio	Lower	Upper	
196	100		
198	101.1	76.2	114.4
200	31.2	24.4	36.6

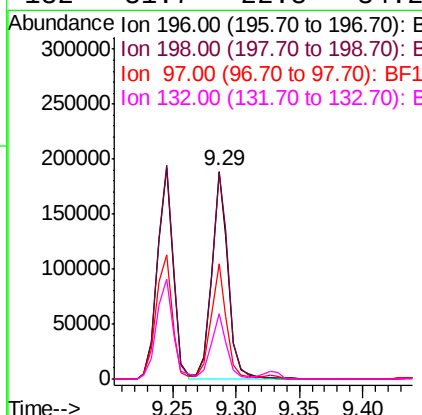
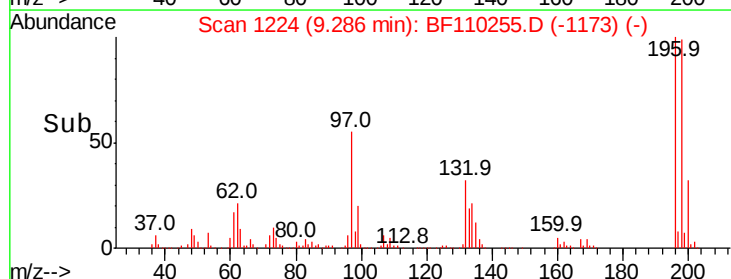
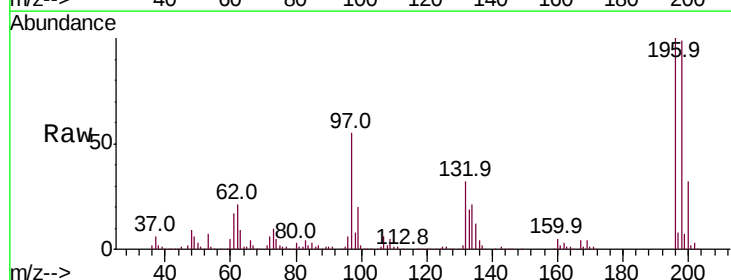
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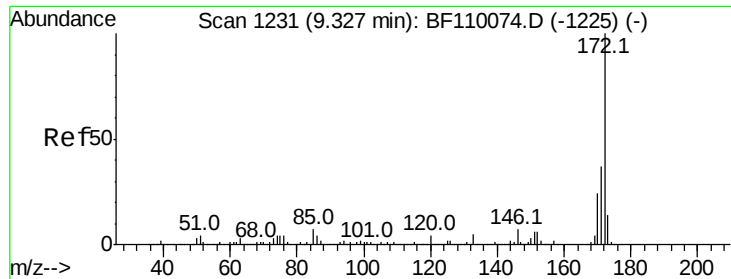
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#44
 2,4,5-Trichlorophenol
 Concen: 43.169 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion:	196	Resp:	172704
Ion Ratio	Lower	Upper	
196	100		
198	99.0	75.8	113.6
97	55.4	42.4	63.6
132	31.7	22.8	34.2





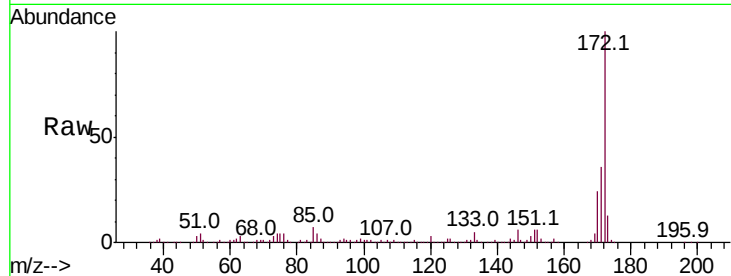
#45
2-Fluorobiphenyl
Concen: 106.735 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

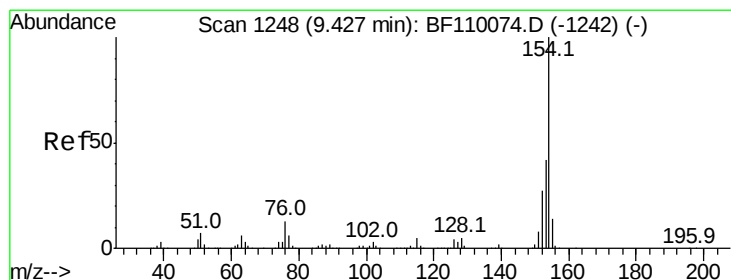
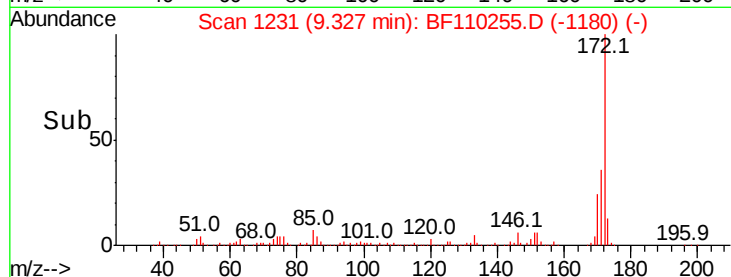
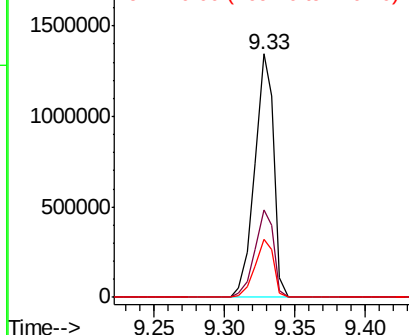
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	19.7	29.5

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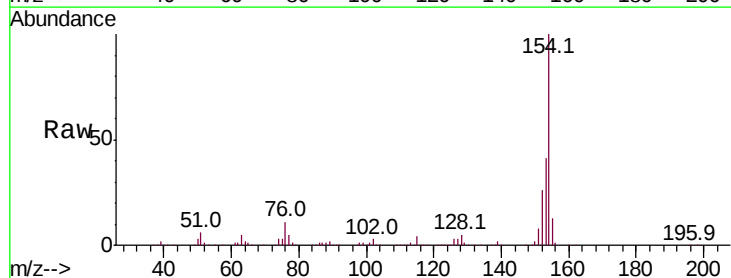


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

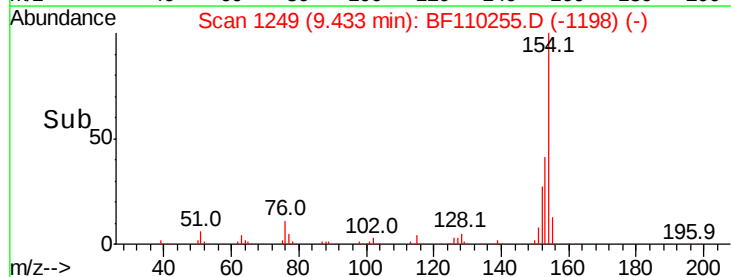
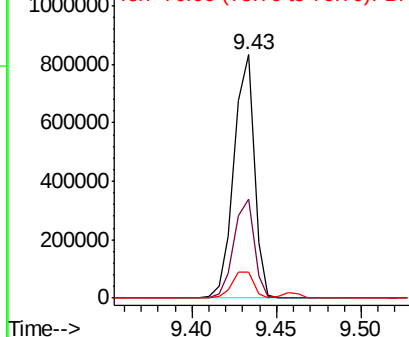


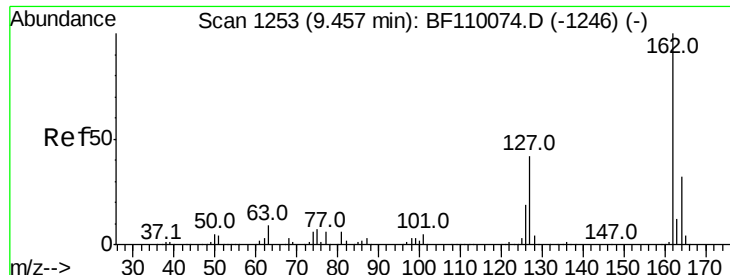
#46
1,1'-Biphenyl
Concen: 40.870 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	10.8	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





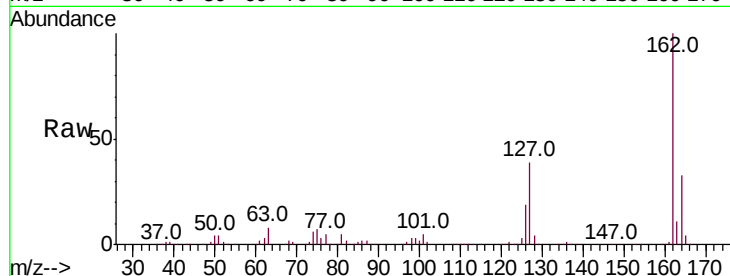
#47
 2-Chloronaphthalene
 Concen: 41.538 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MS

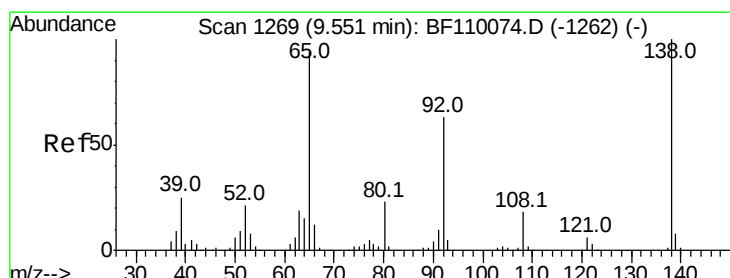
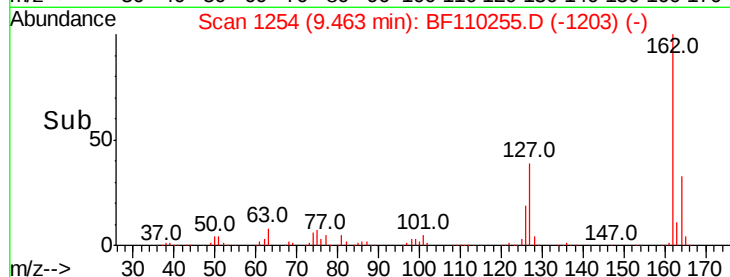
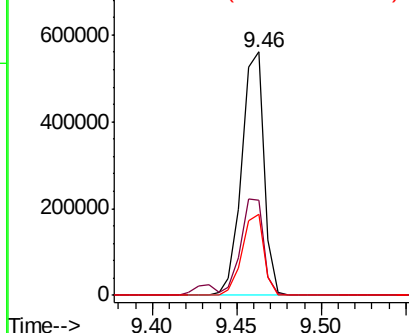
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.3	32.6	48.8
164	33.0	25.9	38.9

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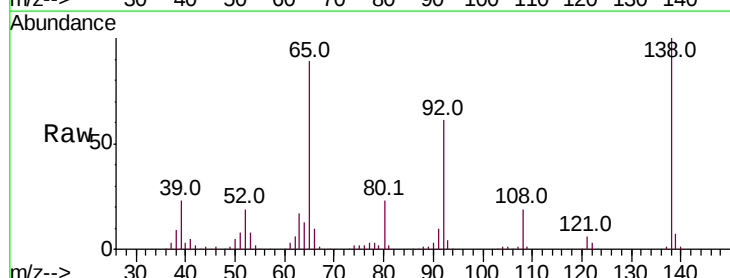


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

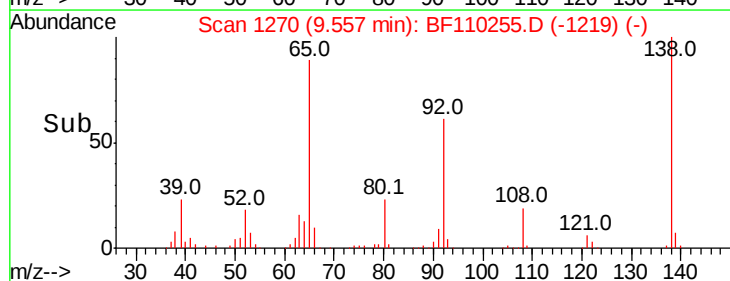
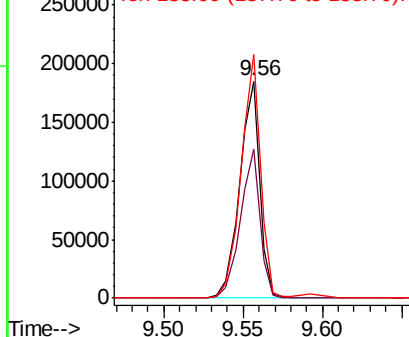


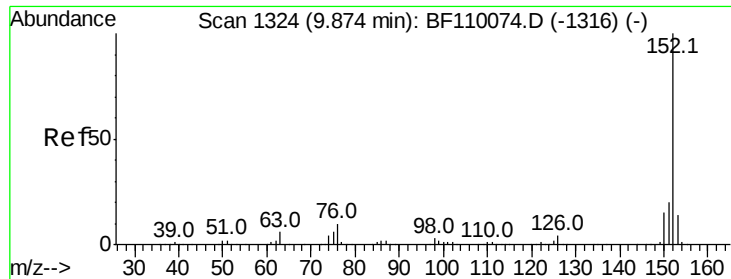
#48
 2-Nitroaniline
 Concen: 42.820 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.7	54.6	81.8
138	112.2	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: 42.955 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

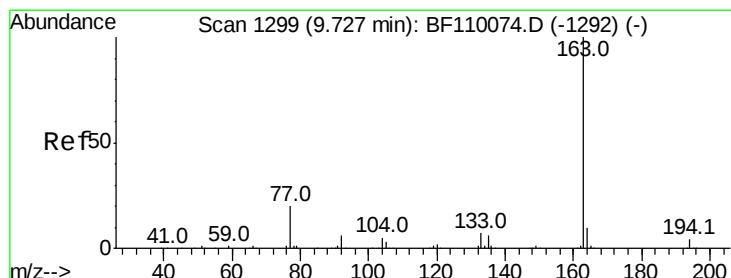
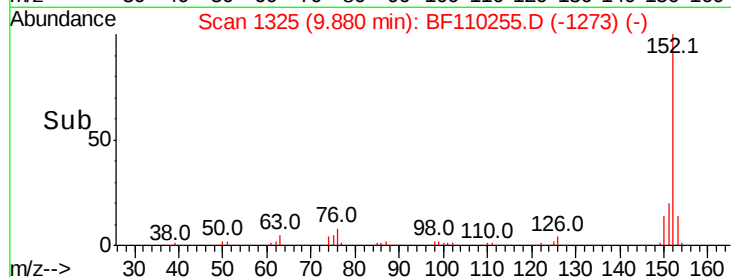
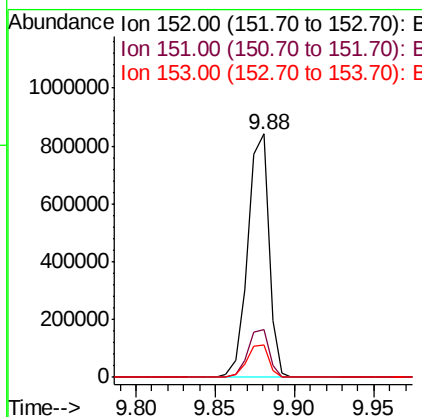
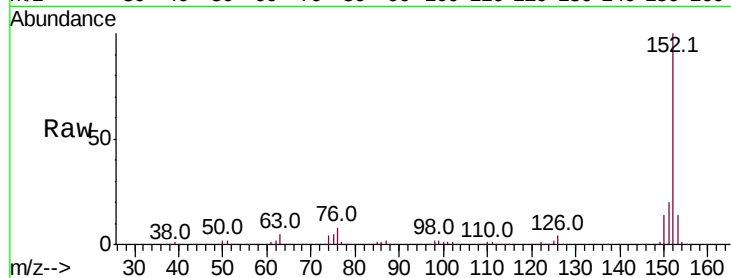
ClientSampleId :

PA-SED-01MS

Tot Ion:	152	Resp:	775057
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.8	23.8
153	13.5	10.4	15.6

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#50

Dimethylphthalate

Concen: 57.895 ng

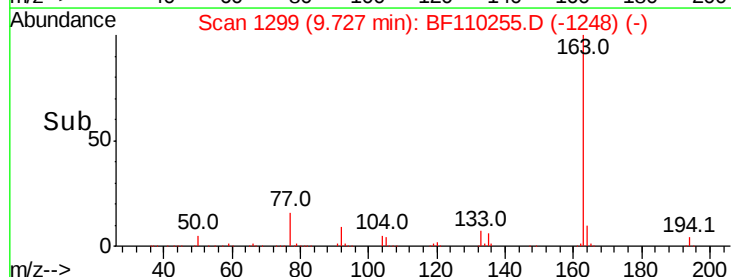
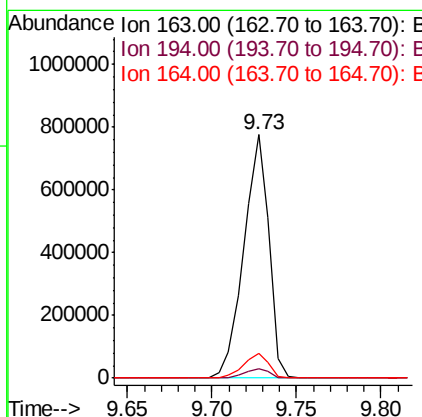
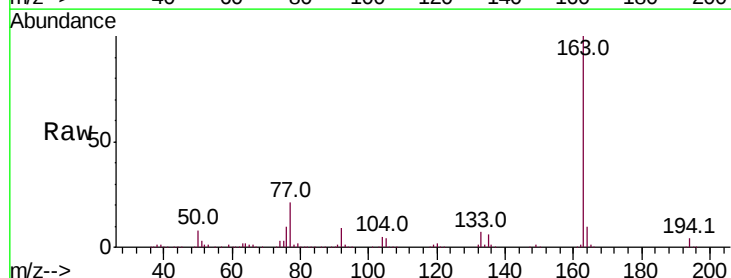
RT: 9.73 min Scan# 1299

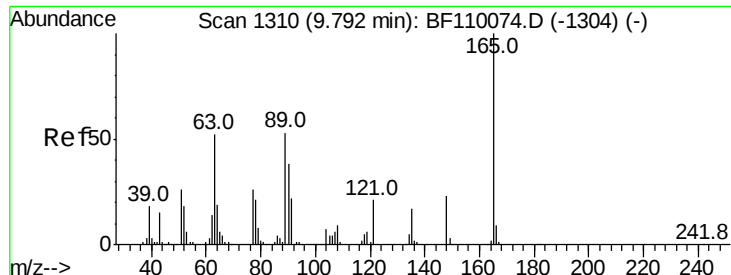
Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	163	Resp:	804866
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	10.3	8.1	12.1





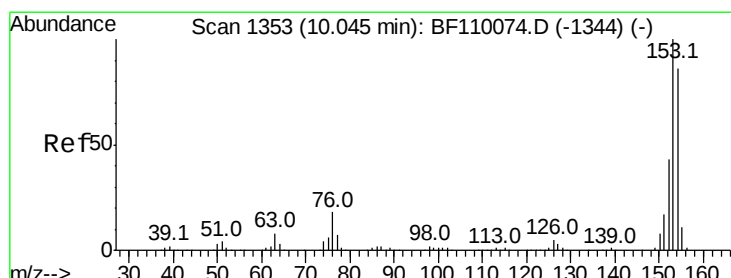
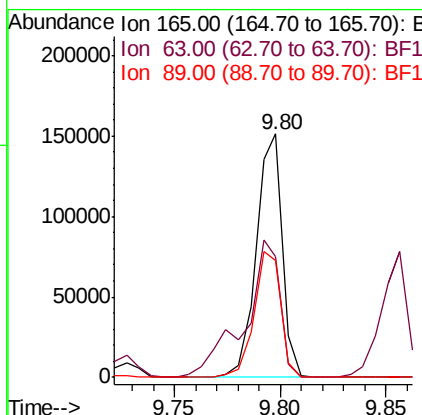
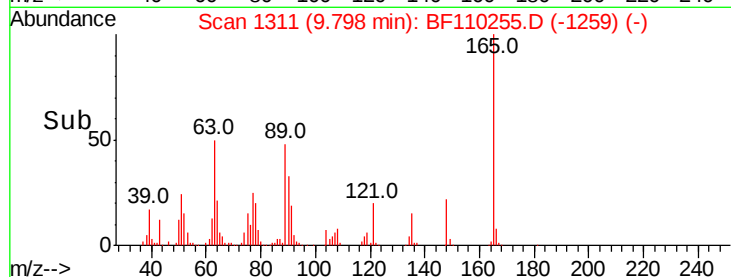
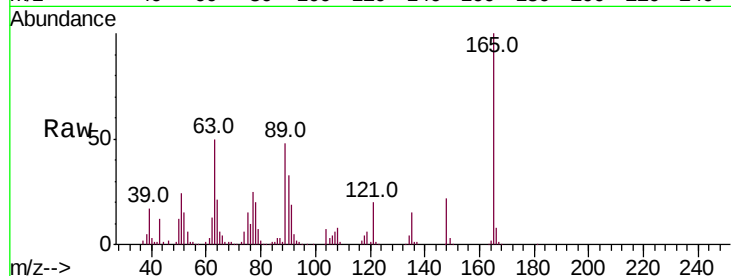
#51
2,6-Dinitrotoluene
Concen: 43.329 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	129752		
63	49.6	48.9	73.3	
89	47.8	46.6	69.8	

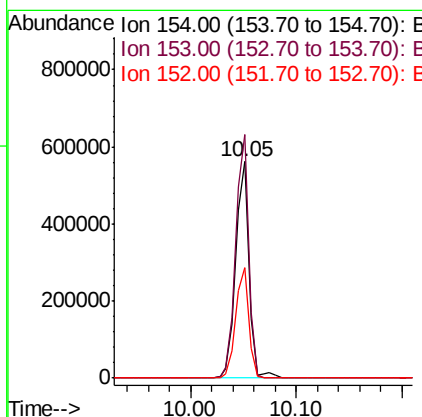
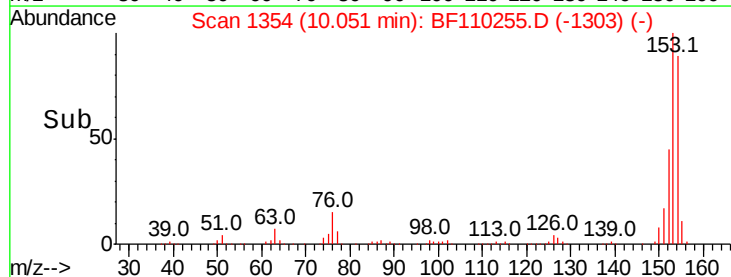
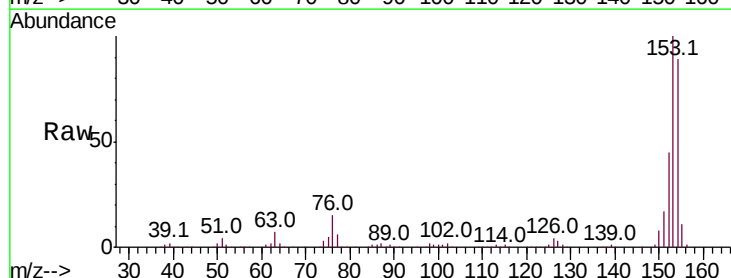
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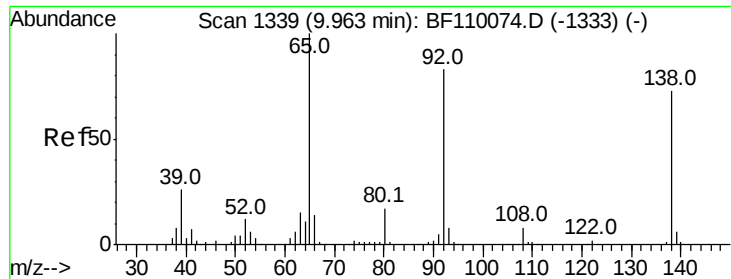
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#52
Acenaphthene
Concen: 40.409 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	482351		
153	112.5	90.1	135.1	
152	50.9	43.4	65.2	





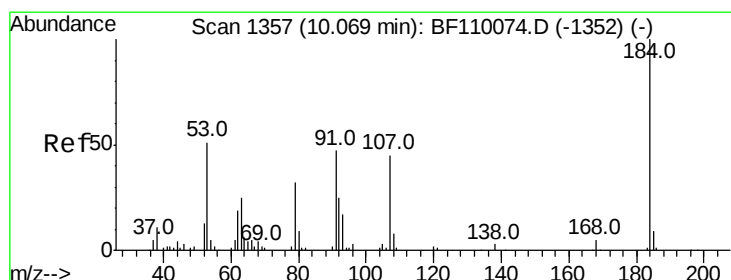
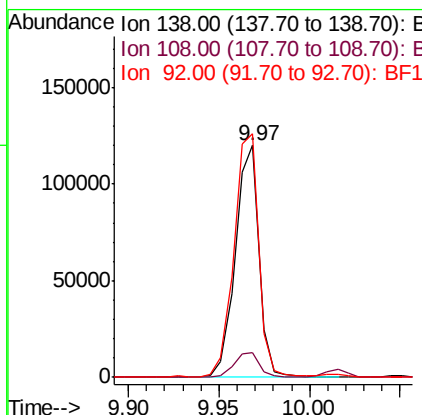
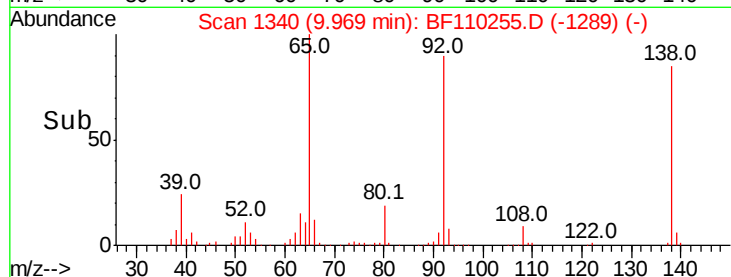
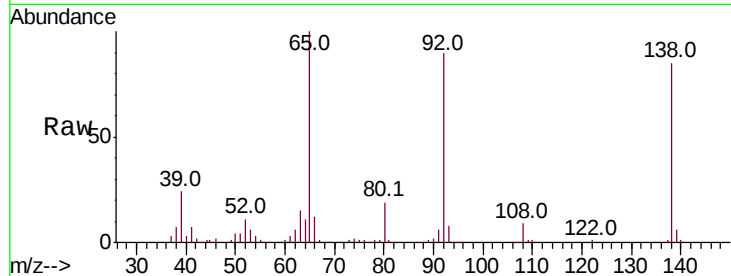
#53
 3-Nitroaniline
 Concen: 30.611 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	104.9	97.0	145.4

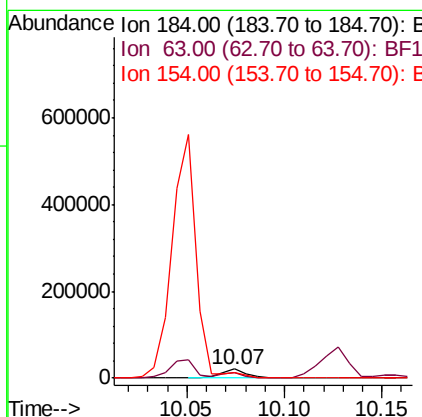
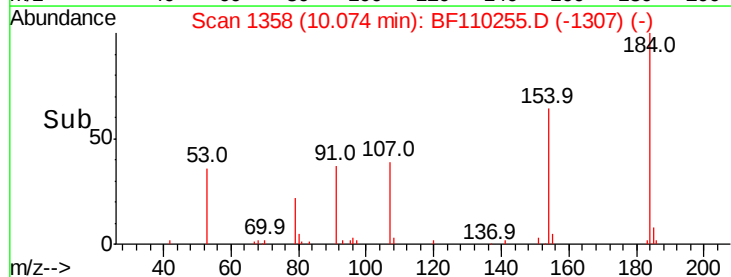
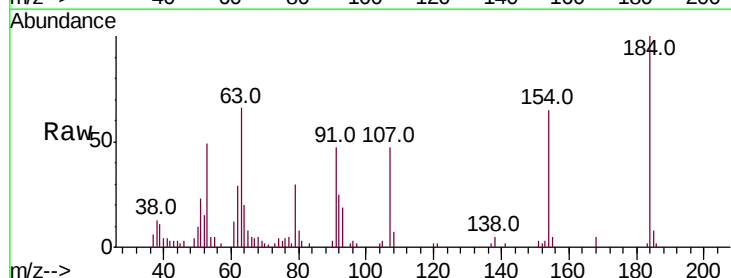
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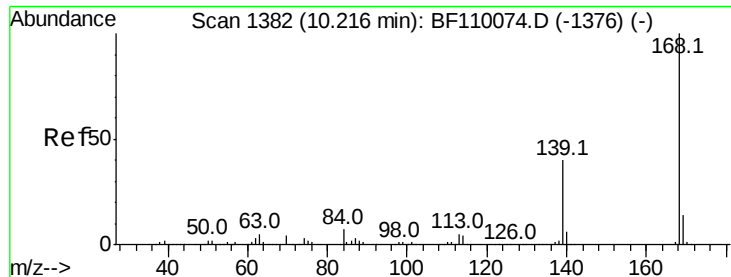
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#54
 2,4-Dinitrophenol
 Concen: 19.855 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.2	55.8	83.6
154	65.4	63.2	94.8





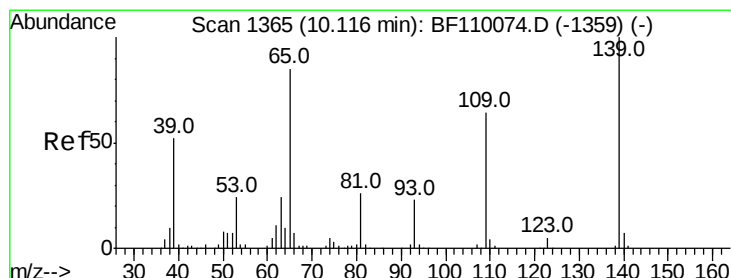
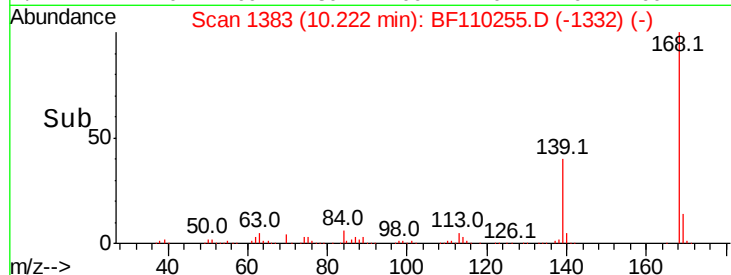
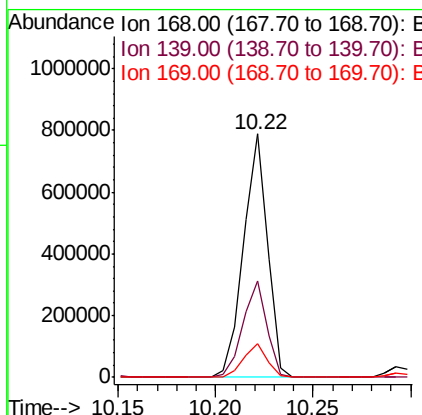
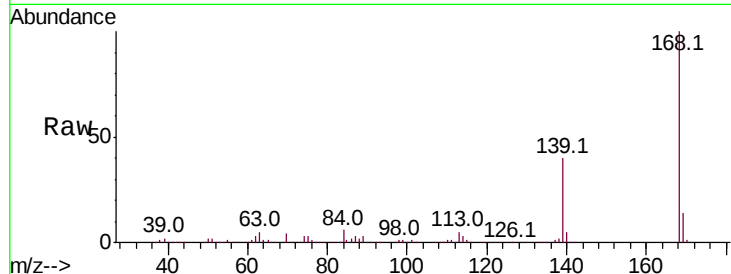
#55
Dibenzofuran
Concen: 40.257 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	33.0	49.6
169	13.7	11.3	16.9

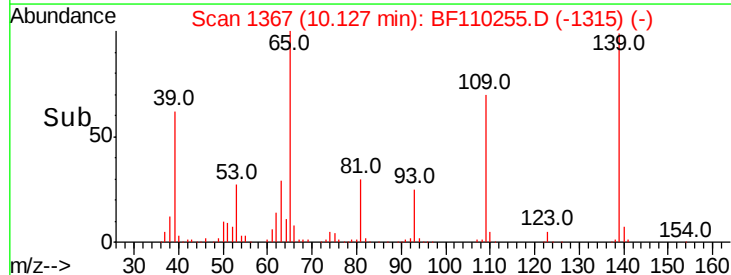
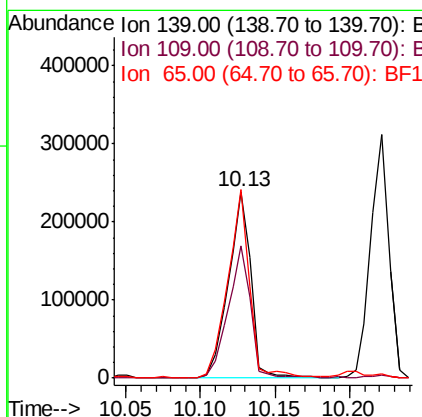
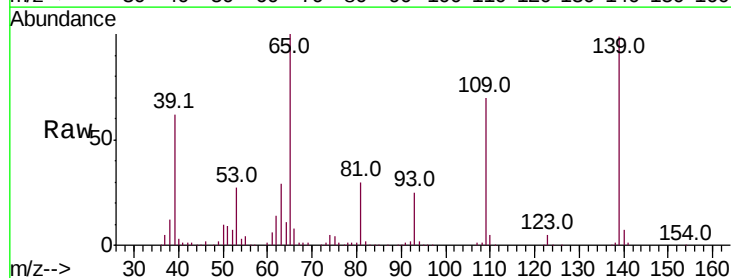
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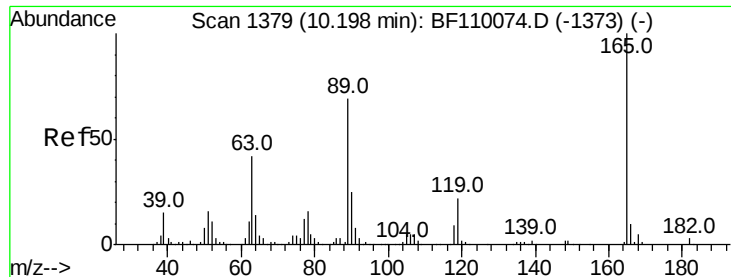
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#56
4-Nitrophenol
Concen: 95.928 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	55.8	95.8
65	101.2	77.9	117.9





#57

2,4-Dinitrotoluene

Concen: 42.729 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PA-SED-01MS

Tot Ion:165 Resp: 162527
Ion Ratio Lower Upper

165 100

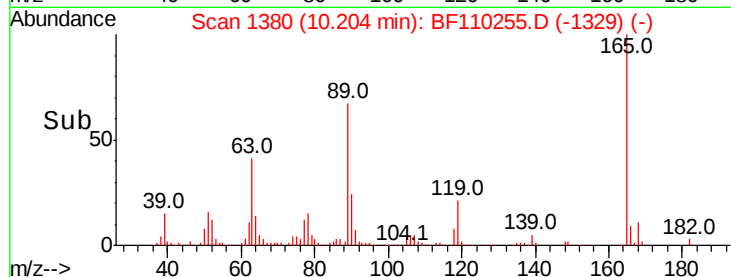
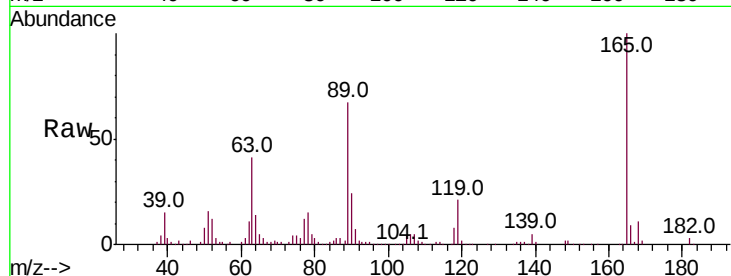
63 41.2 44.8 67.2#

89 67.1 62.2 93.4

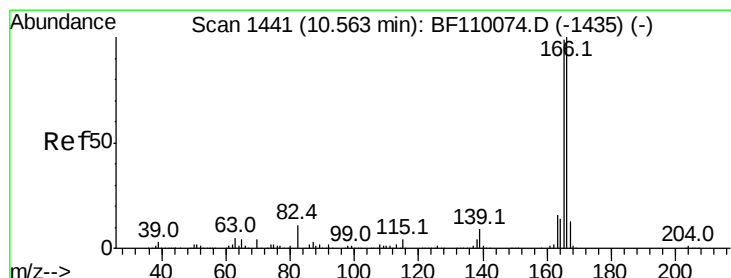
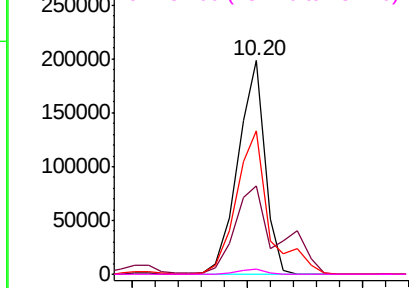
182 2.7 2.1 3.1

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.960 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF110255.D

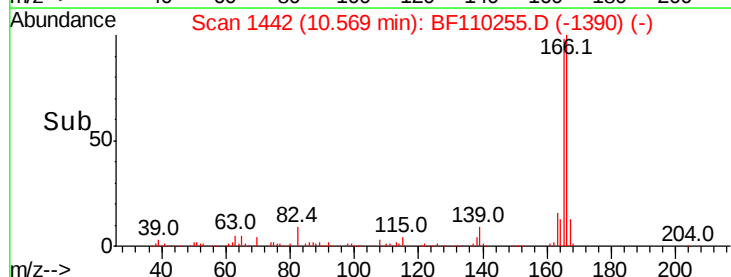
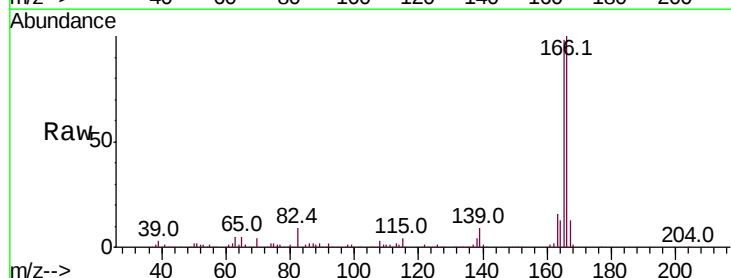
Acq: 29 Oct 2018 11:58

Tgt Ion:166 Resp: 521901
Ion Ratio Lower Upper

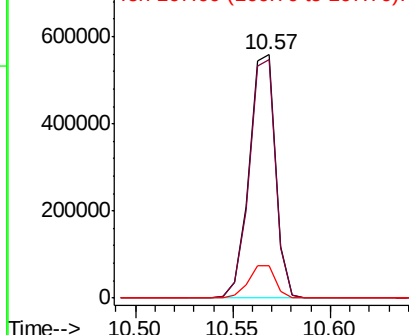
166 100

165 98.1 78.6 117.8

167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





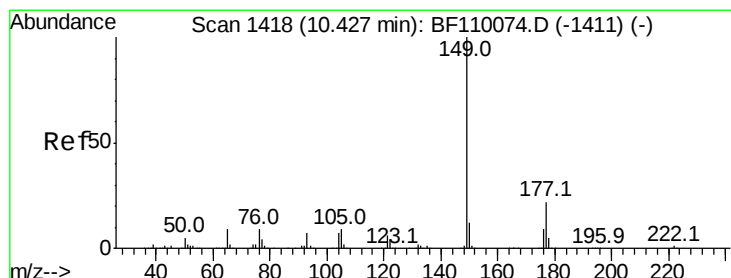
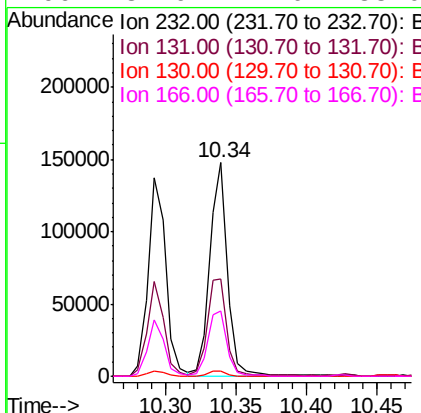
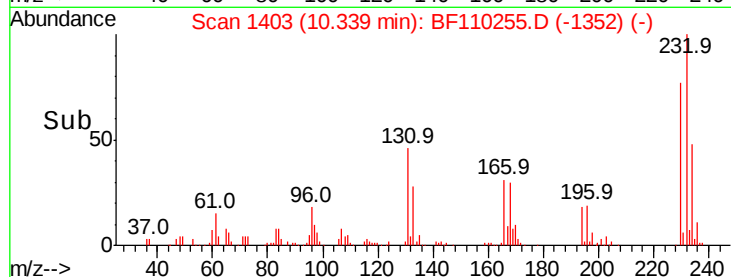
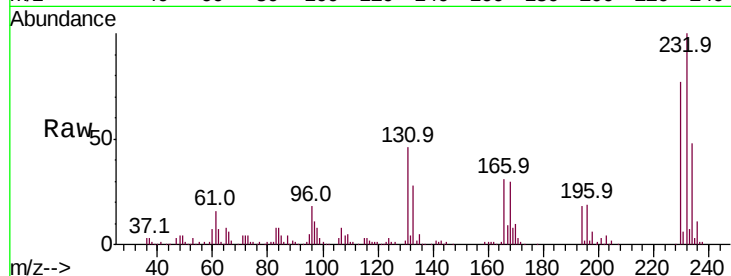
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.266 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.9	37.0	55.4
130	2.3	1.8	2.6
166	32.9	22.0	33.0

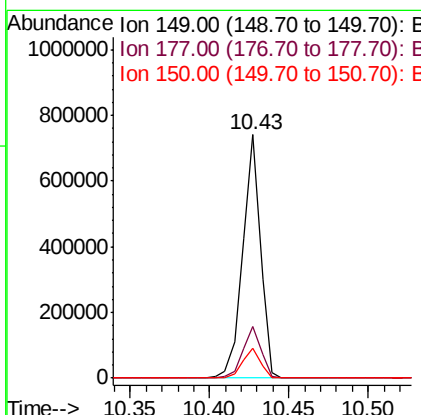
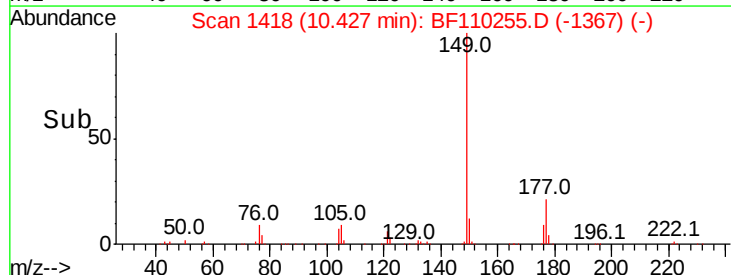
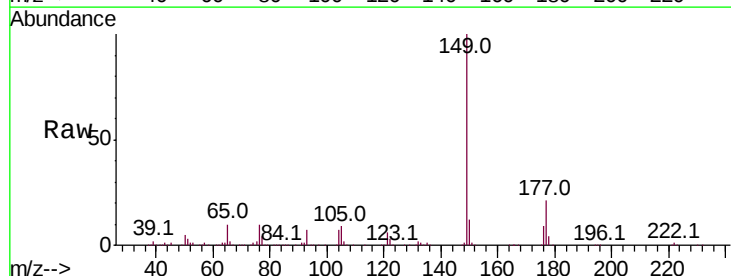
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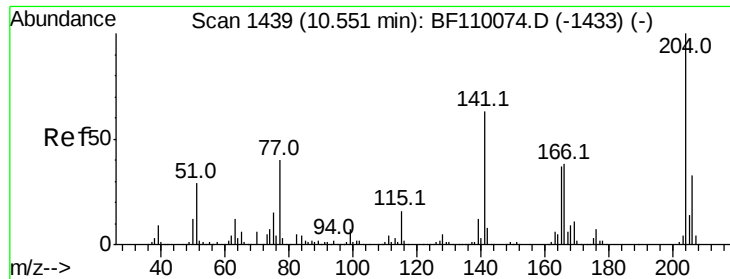
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#60
 Diethylphthalate
 Concen: 42.420 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.4	9.8	14.8





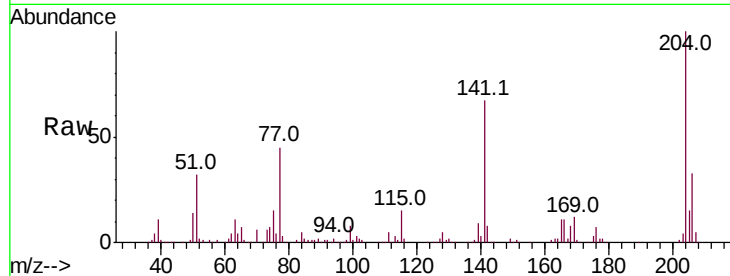
#61
4-Chlorophenyl-phenylether
Concen: 37.996 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	67.4	51.8	77.8

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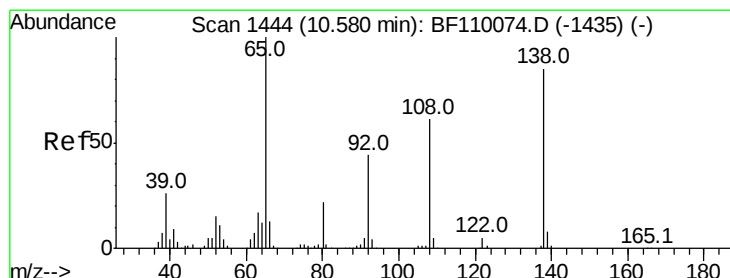
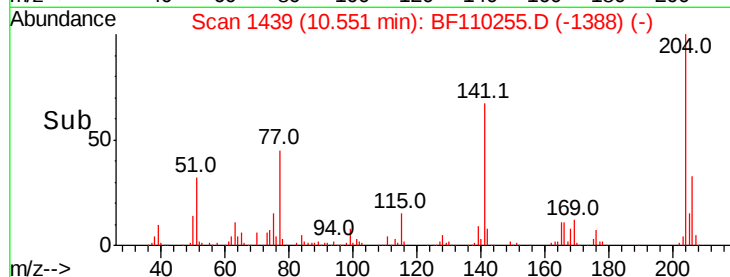
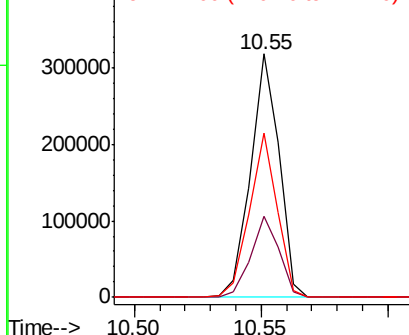


Abundance

Ion 204.00 (203.70 to 204.70): E

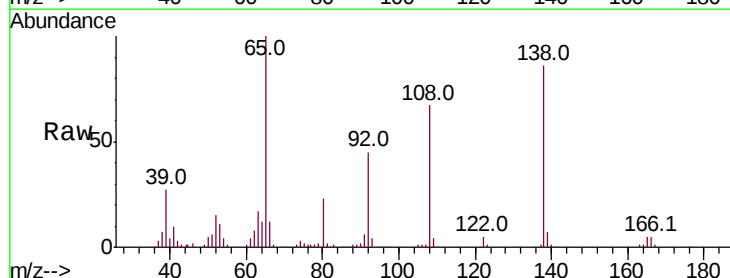
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.758 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	31.7	71.7
108	77.3	59.3	99.3

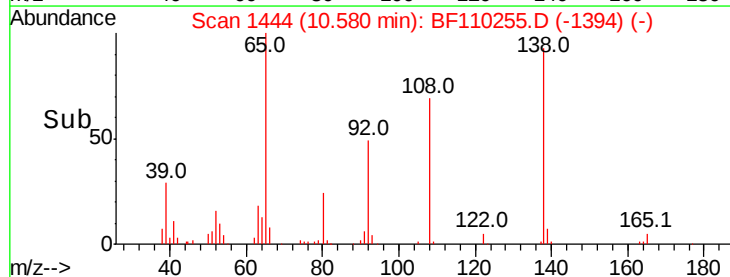
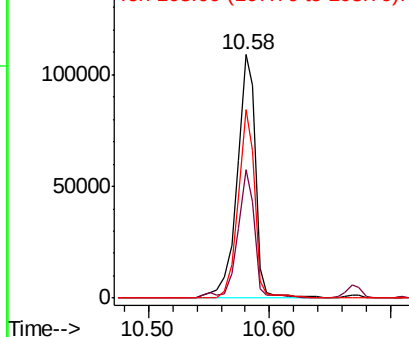


Abundance

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





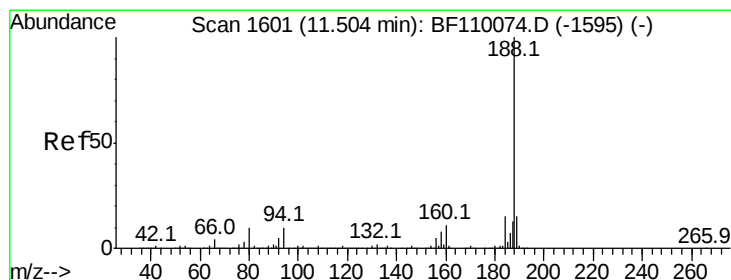
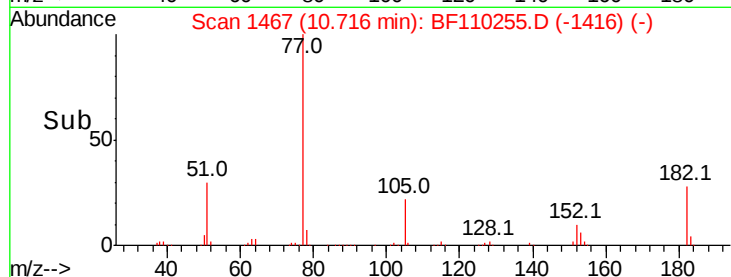
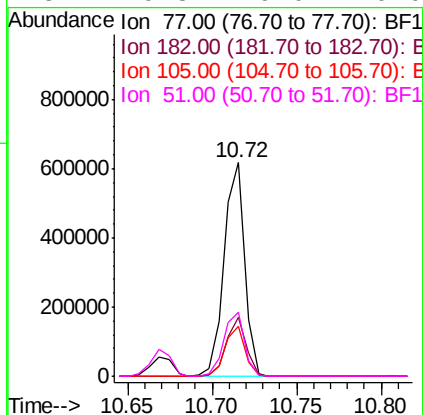
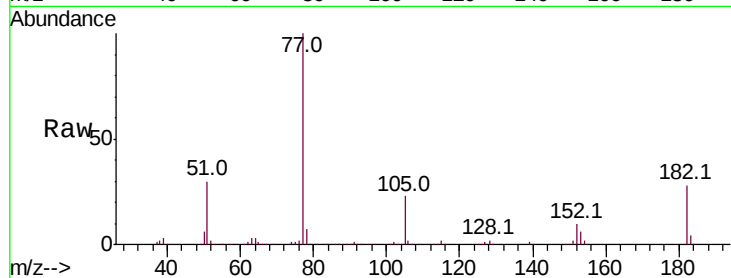
#63
Azobenzene
Concen: 38.745 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		521909		
182	27.6	4.3	44.3		
105	23.1	1.3	41.3		
51	29.8	9.0	49.0		

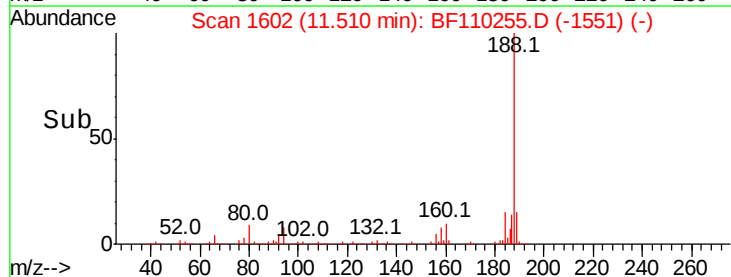
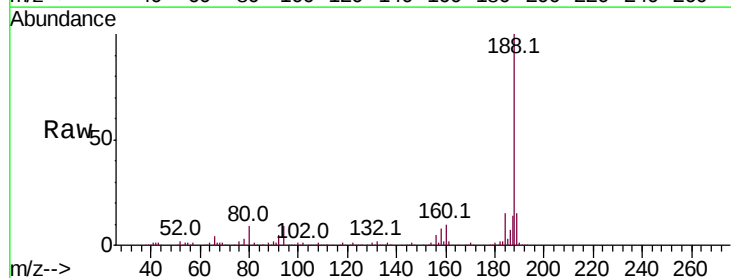
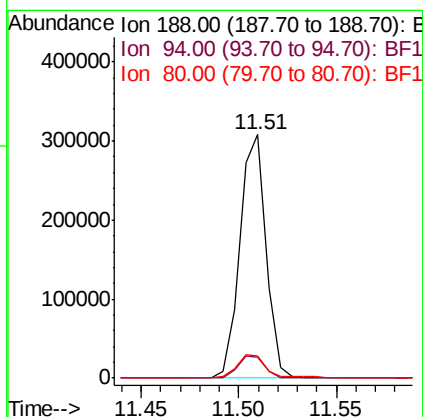
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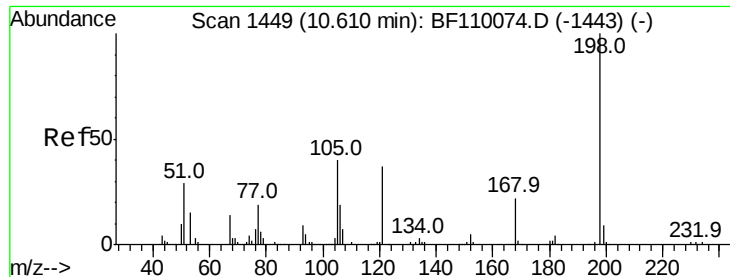
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		285522		
94	8.5	7.2	10.8		
80	9.3	7.9	11.9		





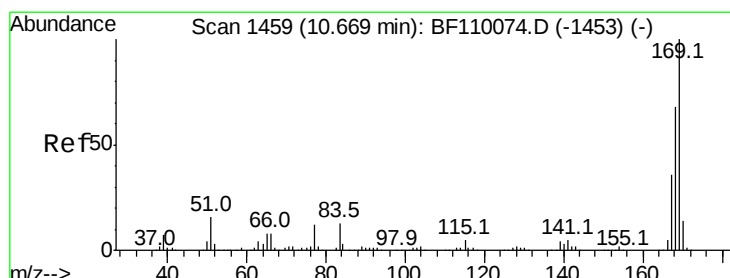
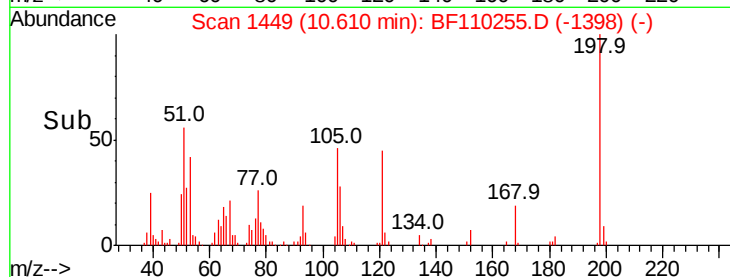
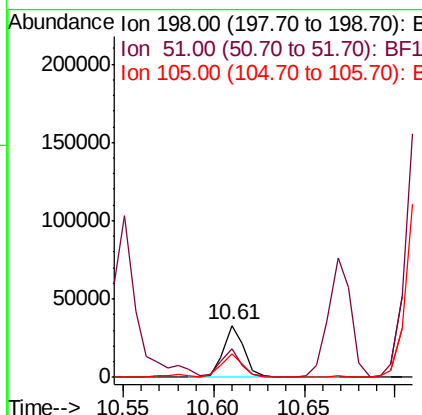
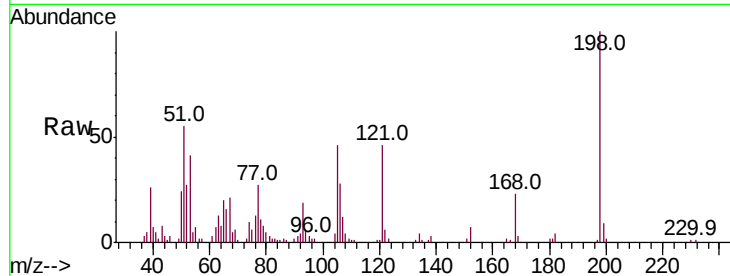
#65
4,6-Dinitro-2-methylphenol
Concen: 20.463 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.4	22.8	62.8
105	45.9	23.6	63.6

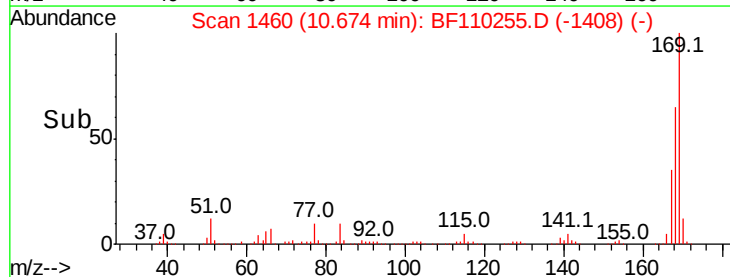
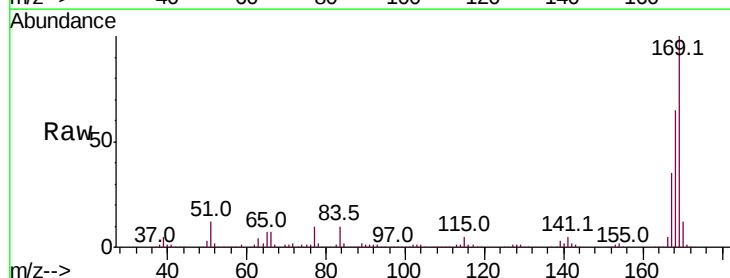
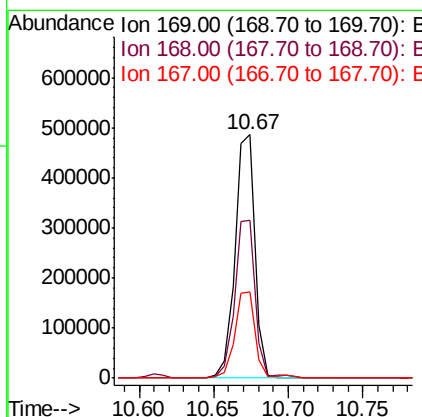
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#66
n-Nitrosodiphenylamine
Concen: 48.649 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.0	51.2	76.8
167	35.3	27.8	41.6





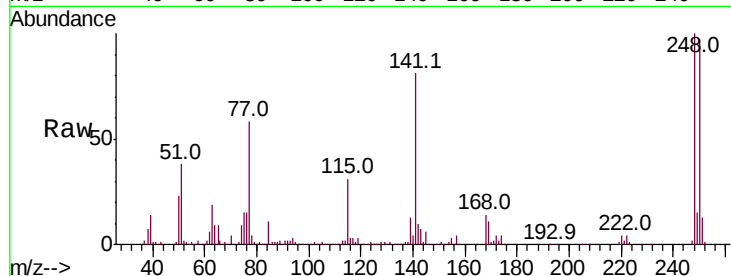
#67
 4-Bromophenyl-phenylether
 Concen: 45.597 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.4	119.2
141	81.0	55.9	83.9

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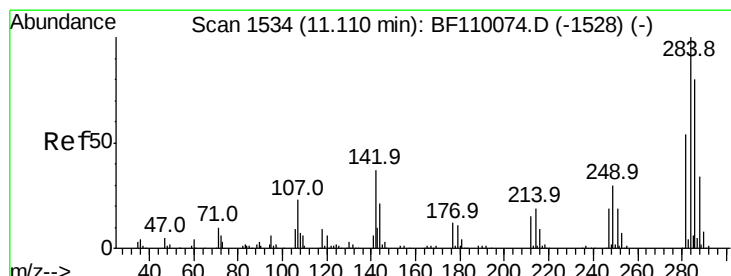
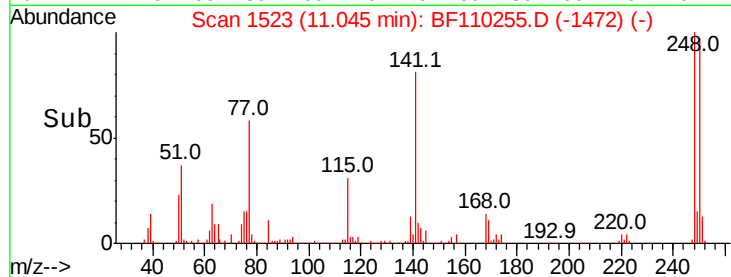
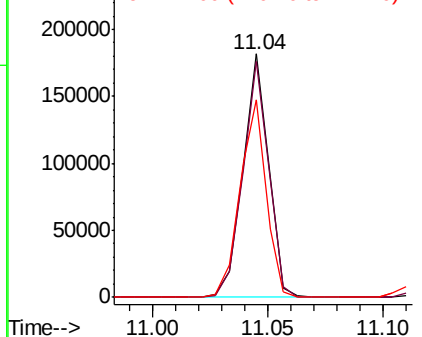


Abundance

Ion 248.00 (247.70 to 248.70): E

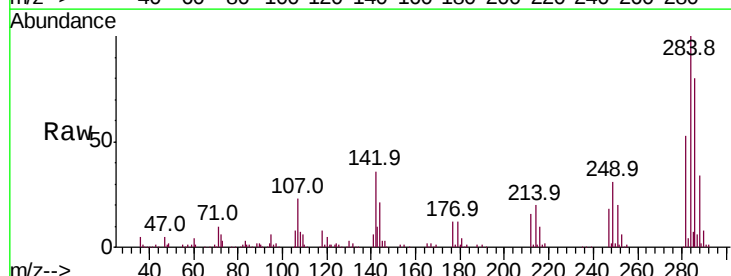
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.760 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	23.9	35.9#
249	31.4	24.2	36.2

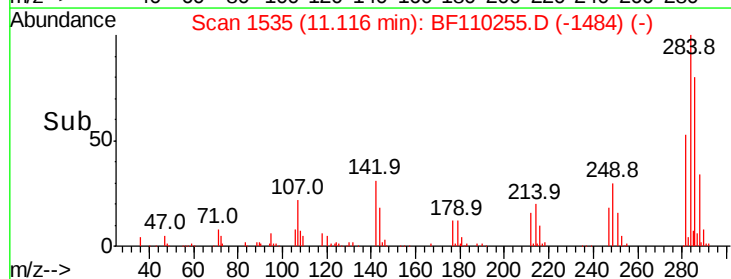
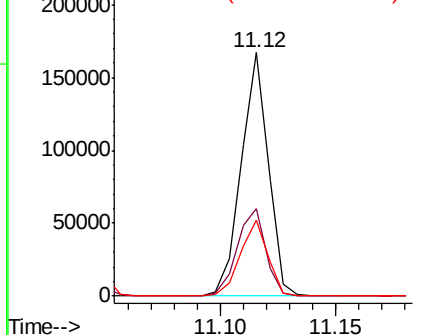


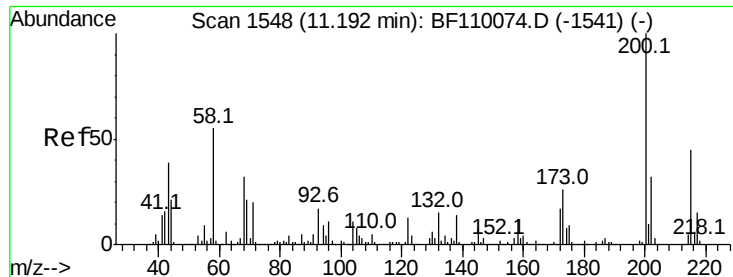
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





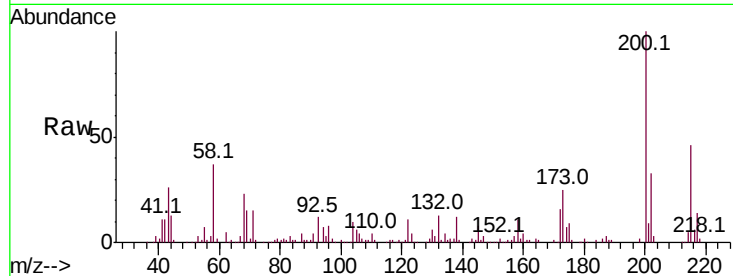
#69
Atrazine
Concen: 47.110 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	139425		
173	24.8	6.6	46.6	
215	46.3	26.3	66.3	

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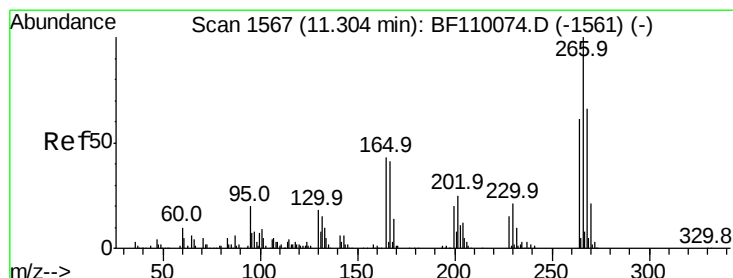
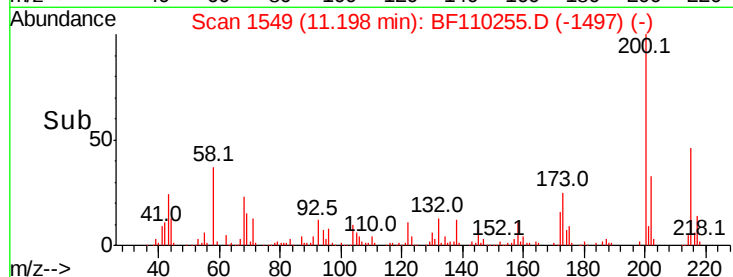
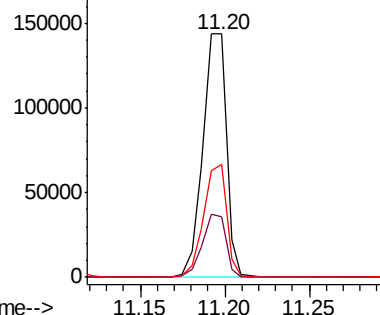


Abundance

Ion 200.00 (199.70 to 200.70): E

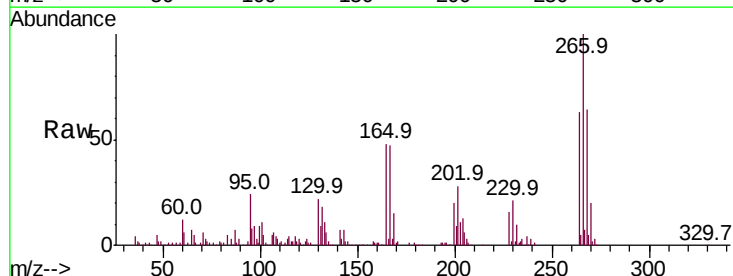
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 66.619 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	127653		
268	64.3	50.6	75.8	
264	63.2	50.6	75.8	

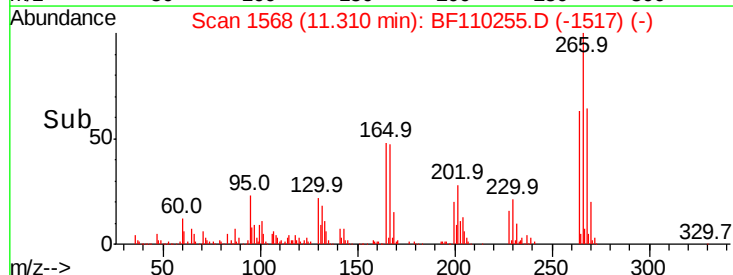
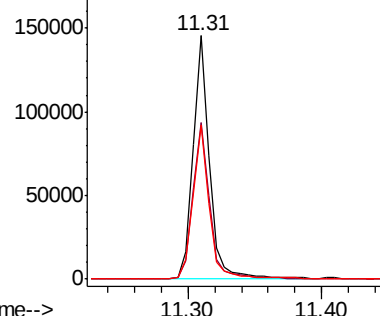


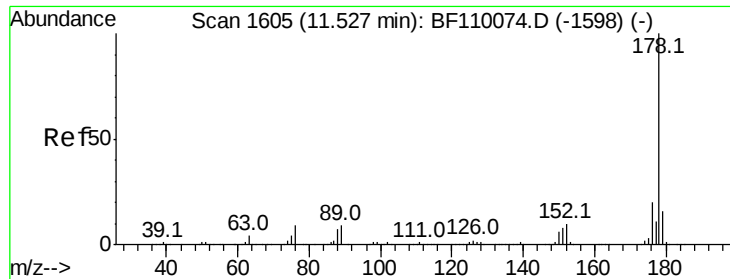
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





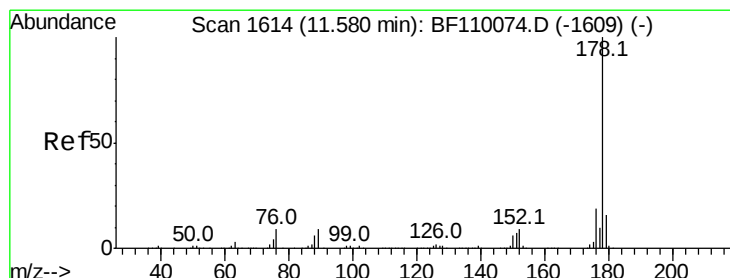
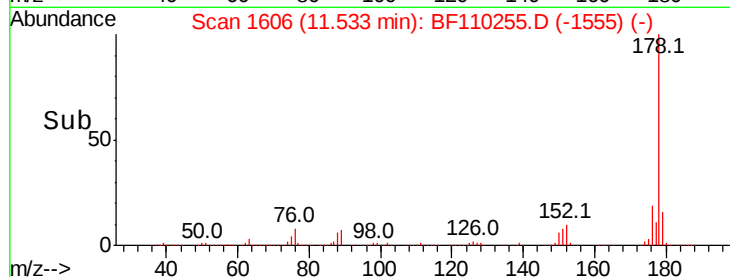
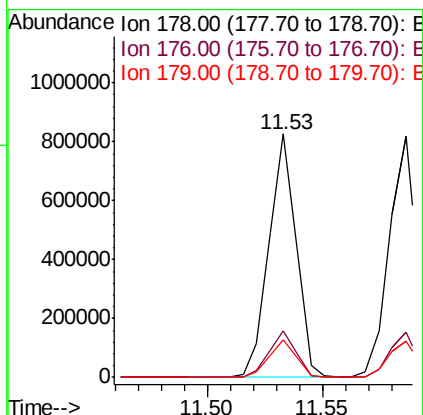
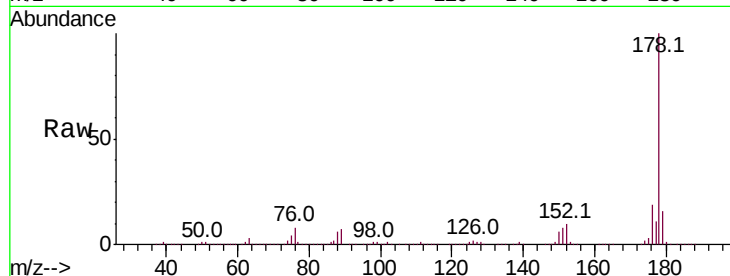
#71
Phenanthrene
Concen: 45.452 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.6	12.5	18.7

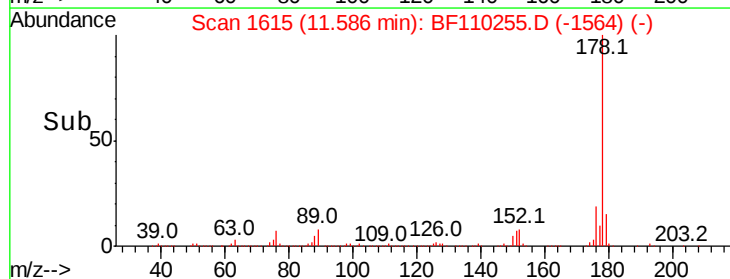
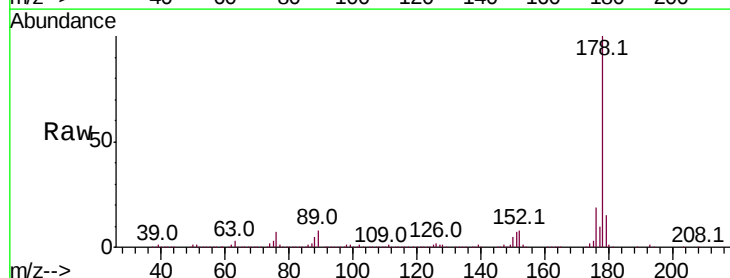
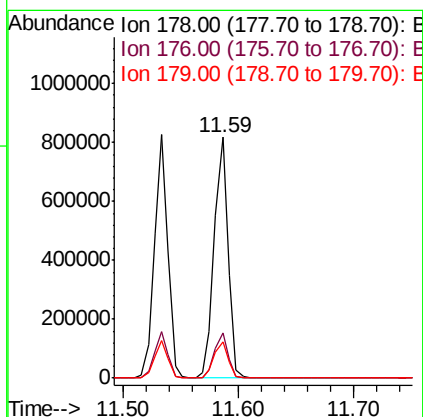
Manual Integrations
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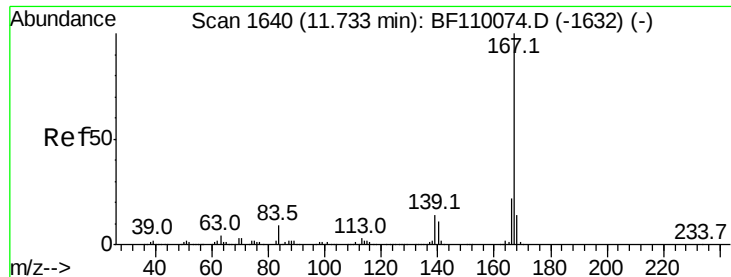
Sohil
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#72
Anthracene
Concen: 45.761 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.1	12.6	18.8





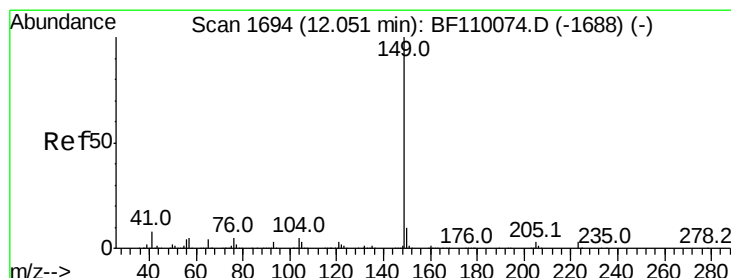
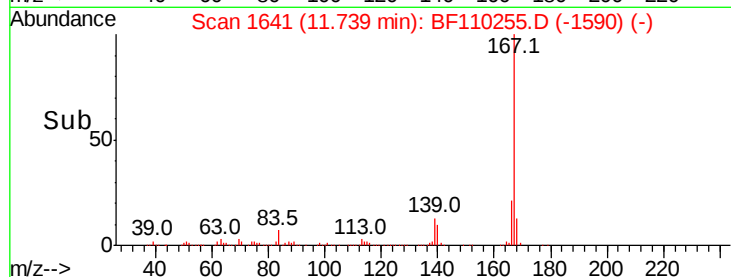
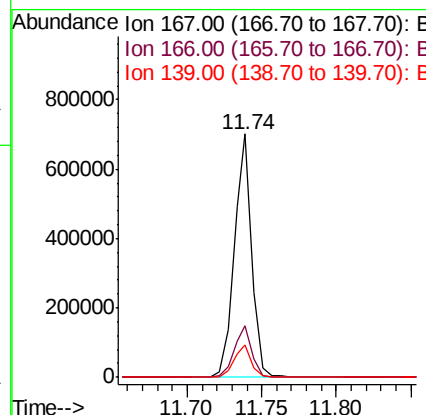
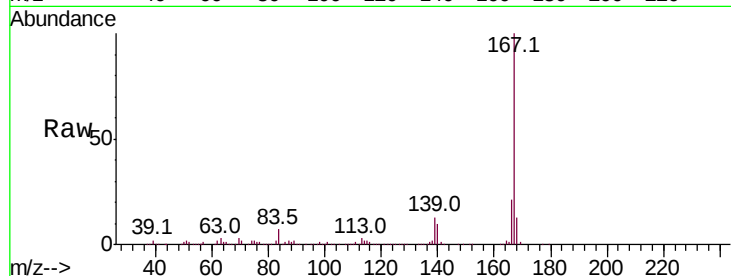
#73
 Carbazole
 Concen: 39.563 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	13.5	10.9	16.3

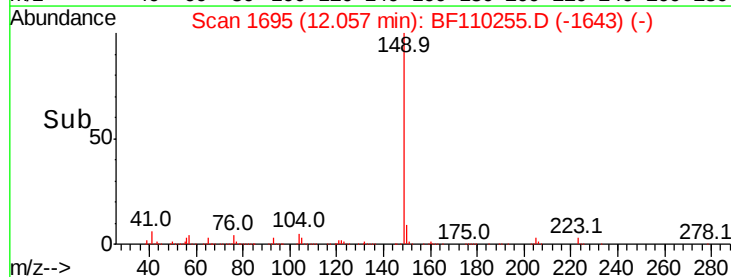
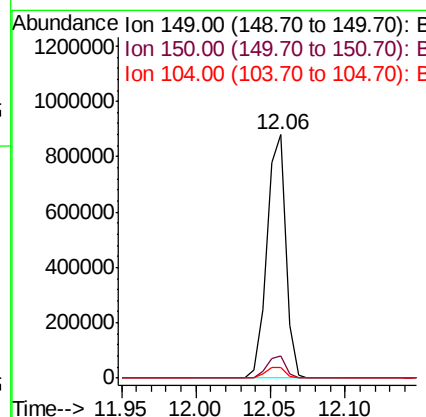
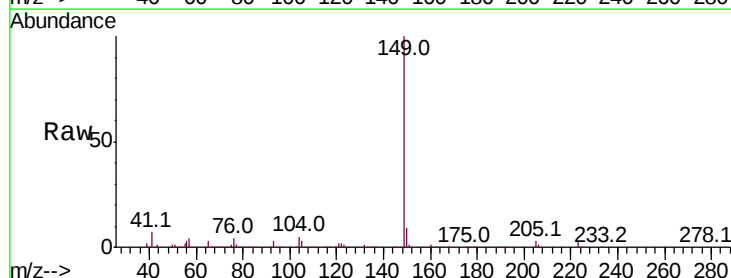
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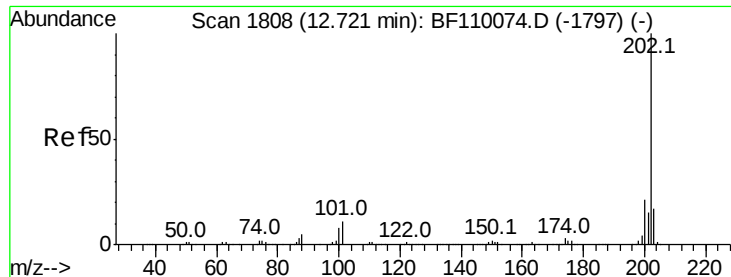
Sohil
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#74
 Di-n-butylphthalate
 Concen: 45.922 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.6	4.2	6.4





#75

Fluoranthene

Concen: 43.160 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

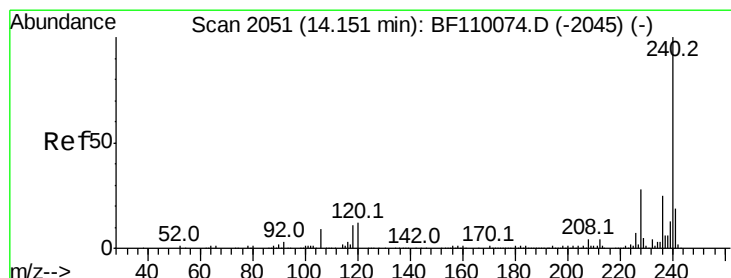
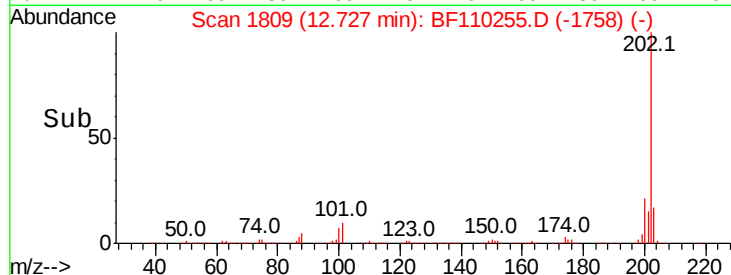
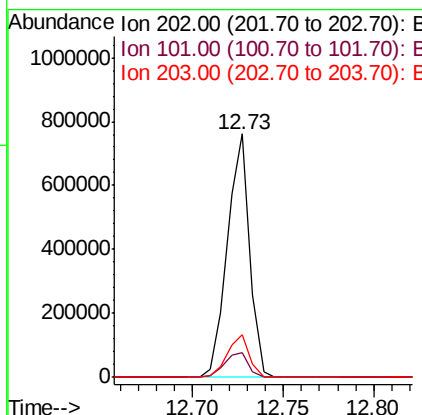
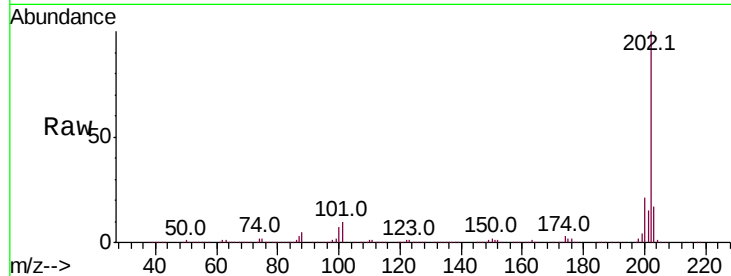
ClientSampleId :

PA-SED-01MS

Tot Ion:	202	Resp:	654394
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	31.4
203	17.3	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

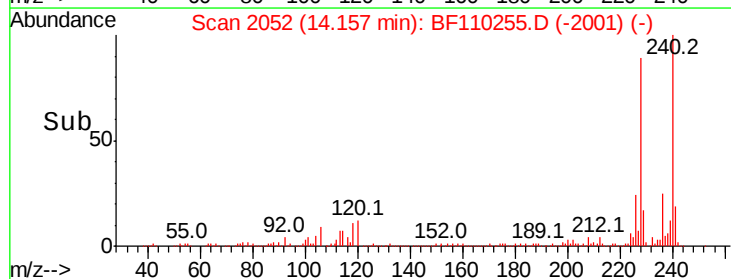
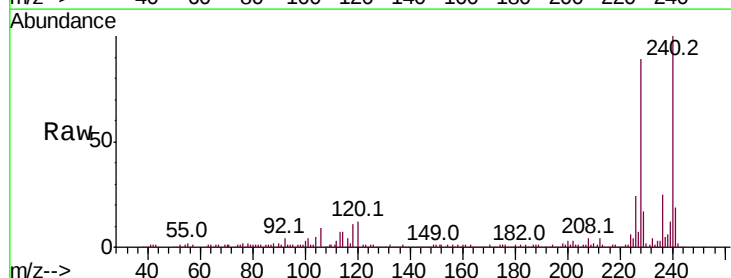
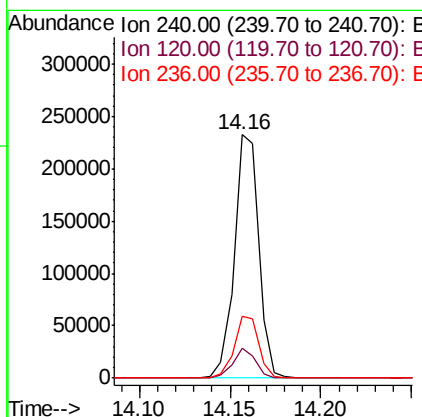
RT: 14.16 min Scan# 2052

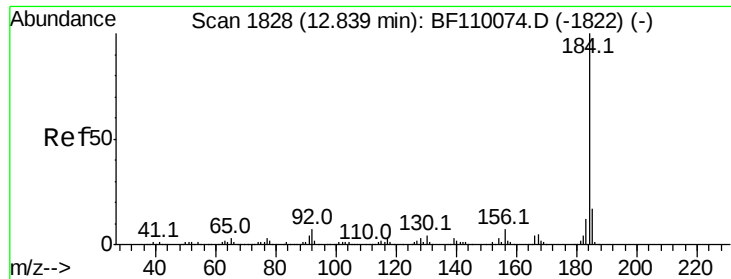
Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	240	Resp:	218192
Ion Ratio	Lower	Upper	
240	100		
120	12.4	8.3	12.5
236	25.2	21.2	31.8





#77

Benzidine

Concen: 14.992 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

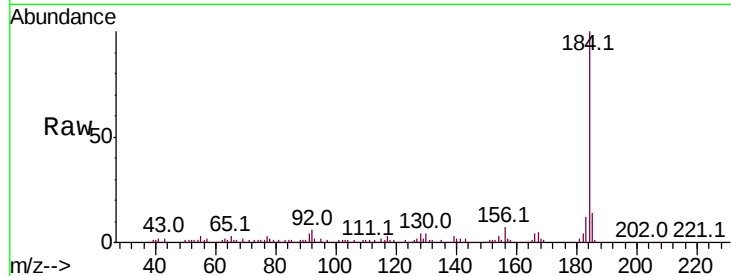
ClientSampleId :

PA-SED-01MS

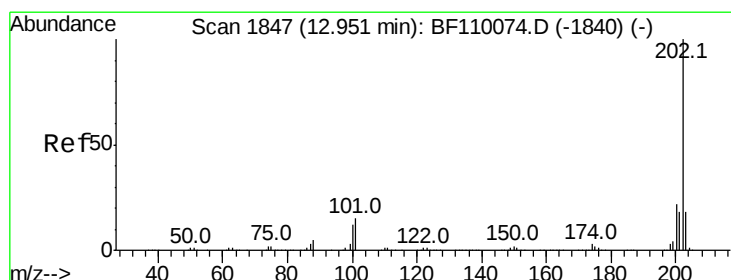
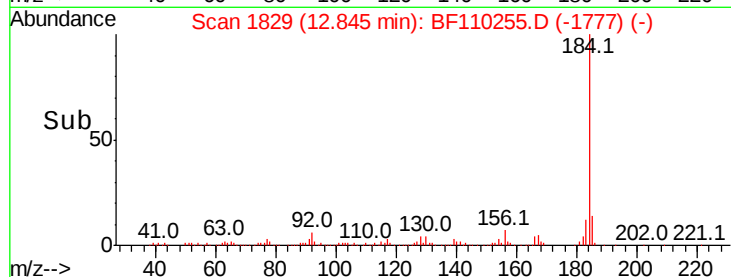
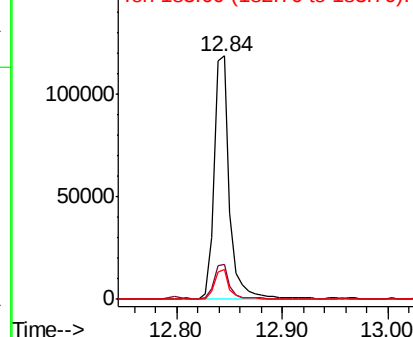
Tot Ion:	184	Resp:	122822
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.4	20.2
183	12.2	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.725 ng

RT: 12.96 min Scan# 1848

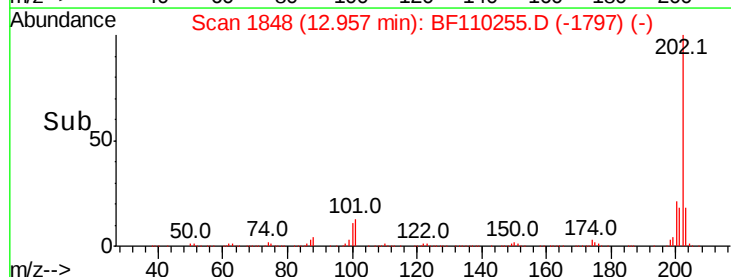
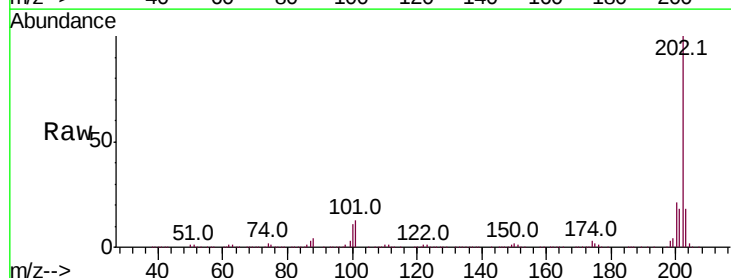
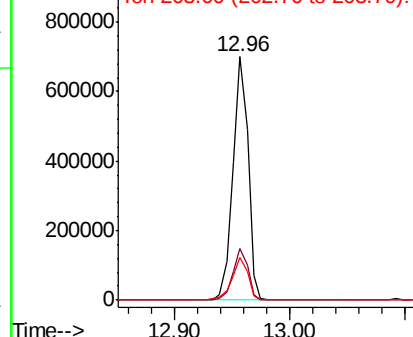
Delta R.T. -0.00 min

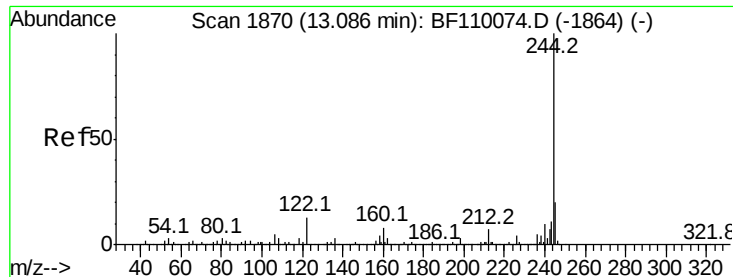
Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	202	Resp:	637038
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.8	26.6
203	17.7	14.2	21.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.649 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

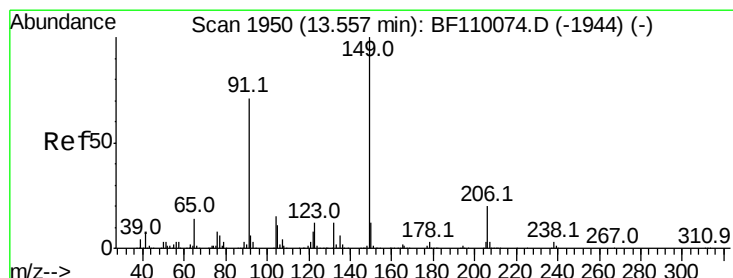
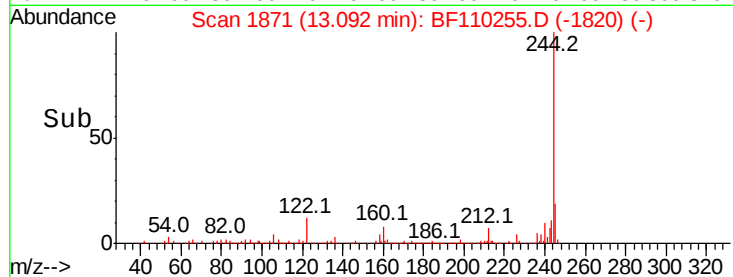
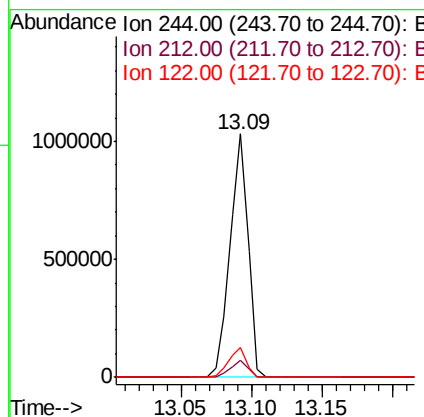
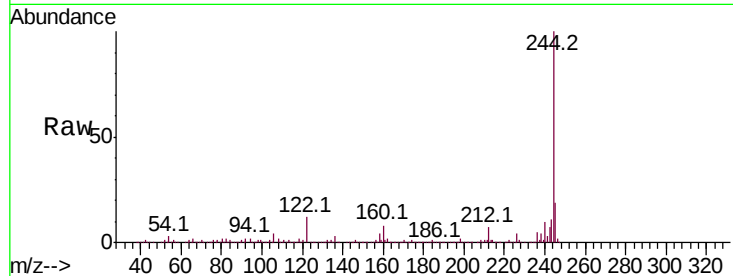
ClientSampleId :

PA-SED-01MS

Tot Ion:	244	Resp:	919561
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.2	8.7	13.1

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#80

Butylbenzylphthalate

Concen: 41.169 ng

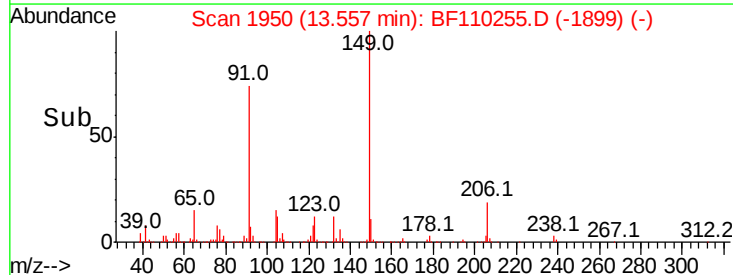
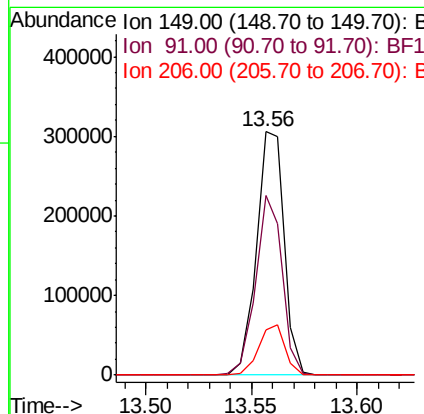
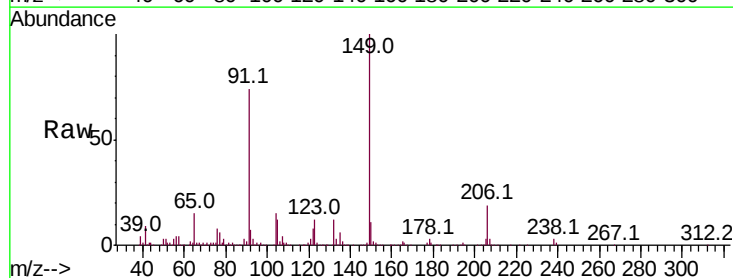
RT: 13.56 min Scan# 1950

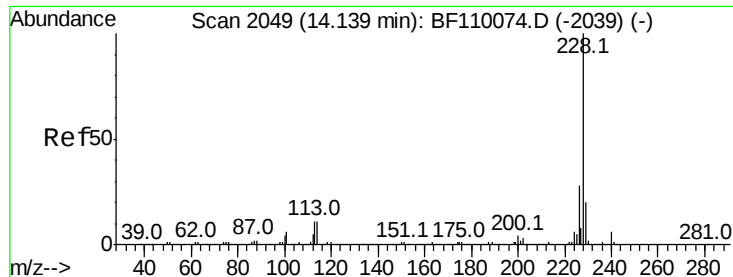
Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	149	Resp:	279515
Ion Ratio		Lower	Upper
149	100		
91	73.7	57.2	85.8
206	18.6	15.7	23.5





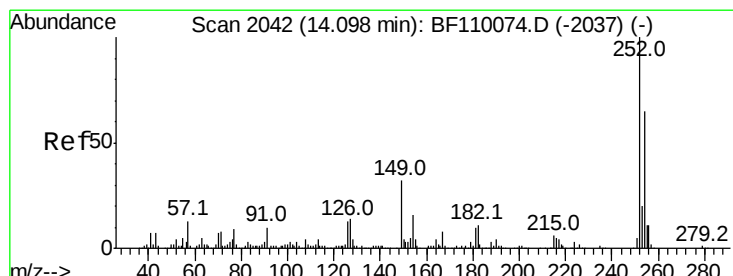
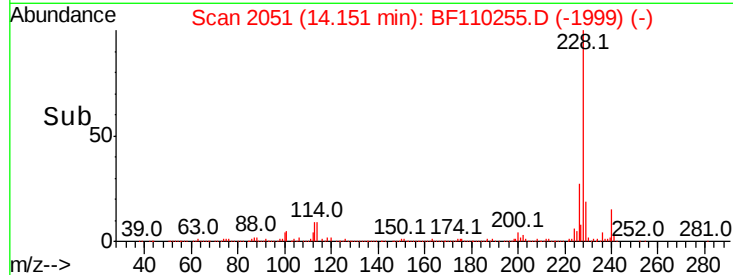
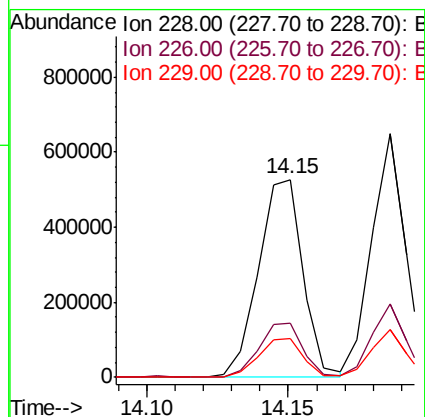
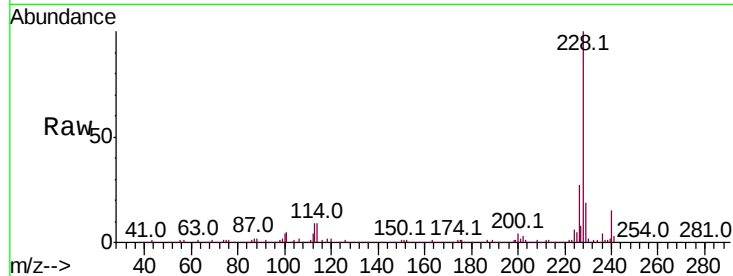
#81
Benzo(a)anthracene
Concen: 44.430 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.4	15.6	23.4

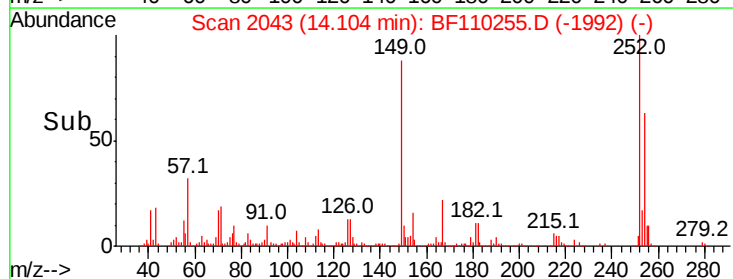
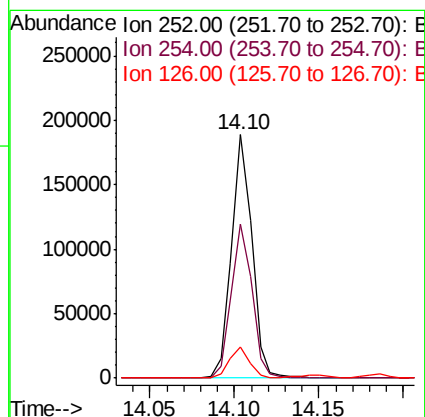
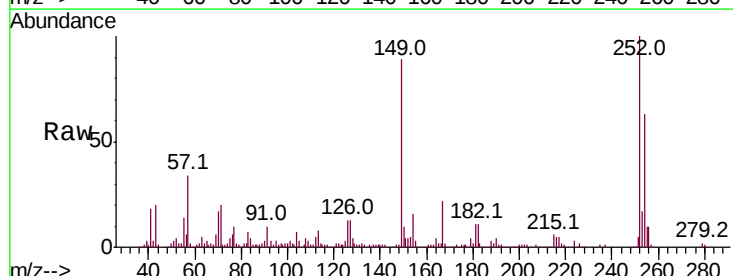
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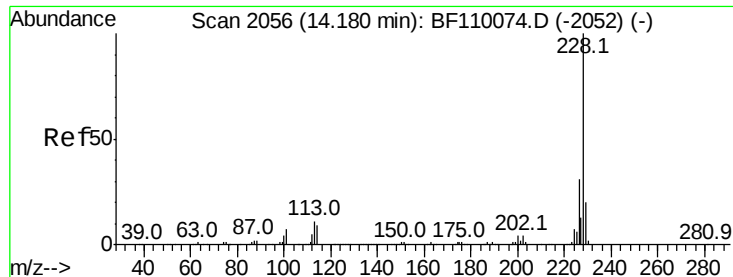
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#82
3,3'-Dichlorobenzidine
Concen: 35.335 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.3	76.9
126	12.7	9.4	14.2





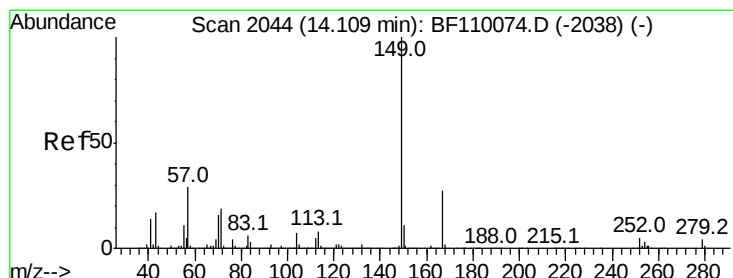
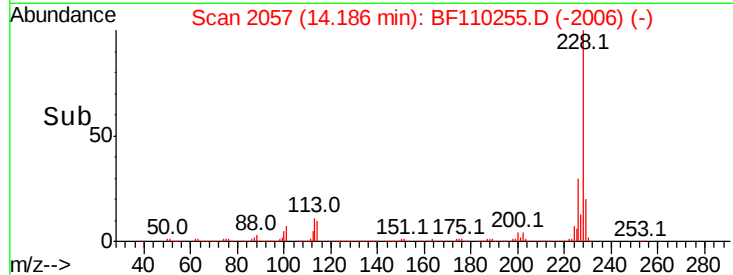
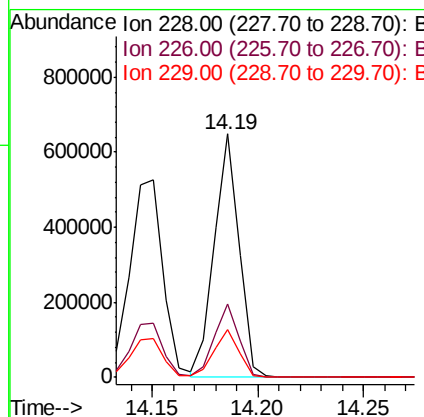
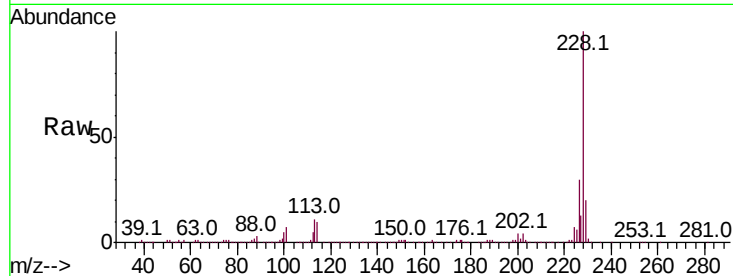
#83
 Chrysene
 Concen: 43.329 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	19.7	15.9	23.9

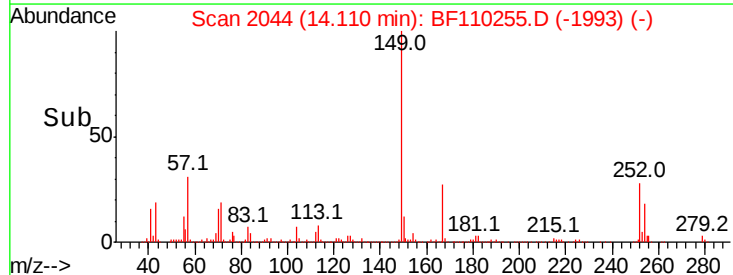
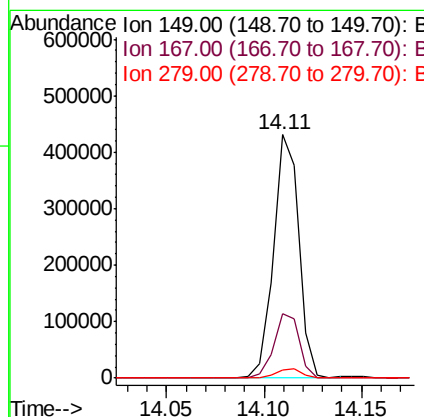
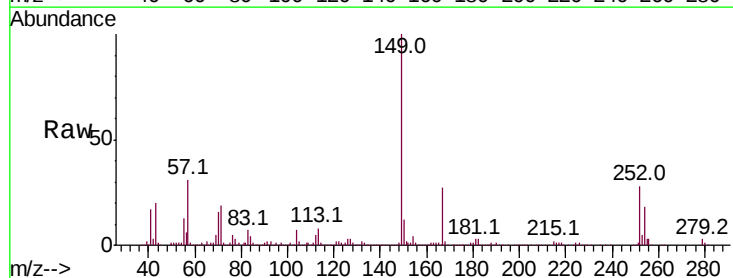
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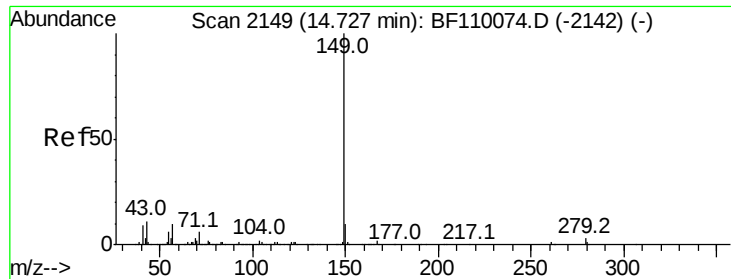
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.830 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.8	29.8
279	3.1	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 47.236 ng

RT: 14.73 min Scan# 2150

Delta R.T. -0.00 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

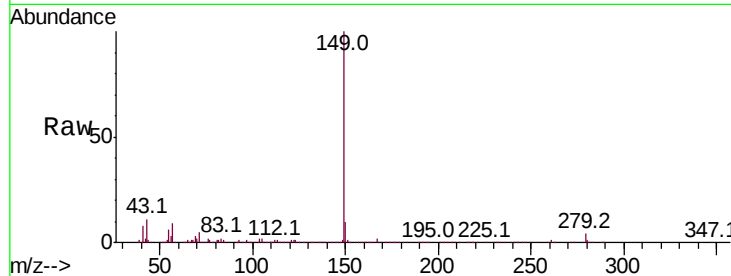
ClientSampleId :

PA-SED-01MS

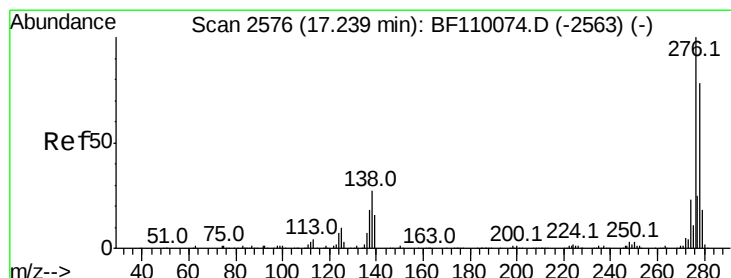
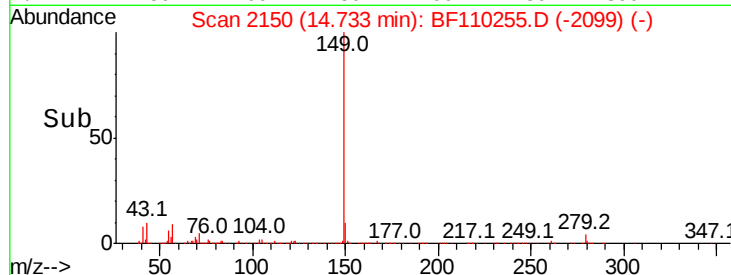
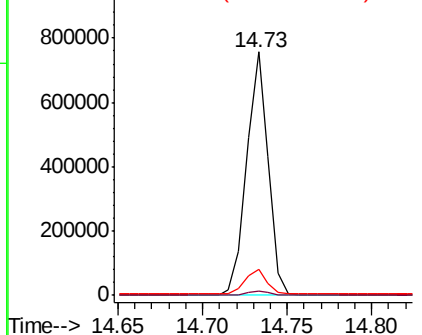
Tot Ion:	149	Resp:	674113
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	10.2	7.8	11.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.892 ng

RT: 17.27 min Scan# 2581

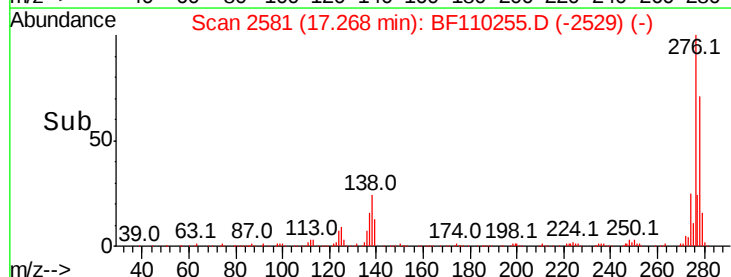
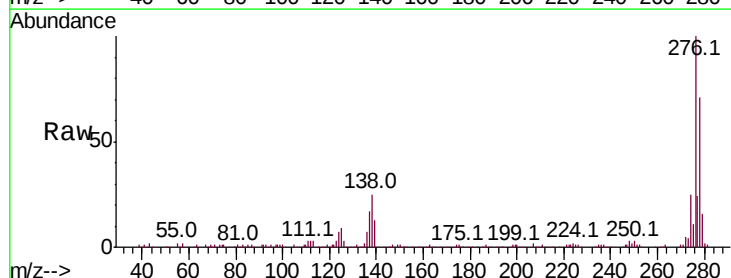
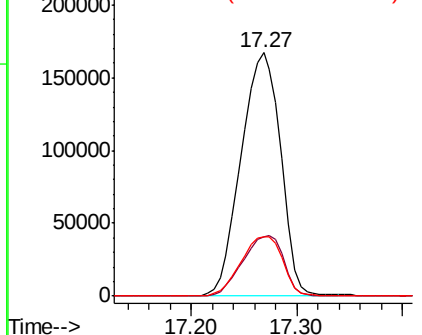
Delta R.T. 0.01 min

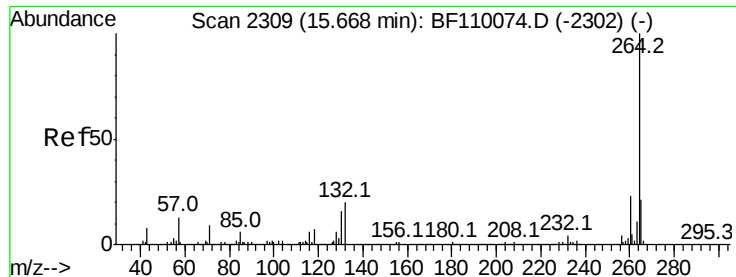
Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	276	Resp:	437308
Ion Ratio	Lower	Upper	
276	100		
138	25.9	18.5	27.7
277	25.8	20.0	30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. 0.01 min

Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Instrument :

BNA_F

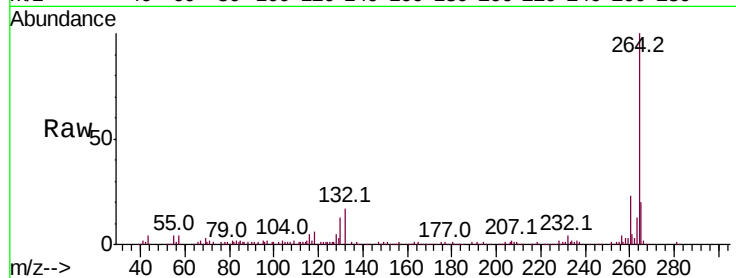
ClientSampleId :

PA-SED-01MS

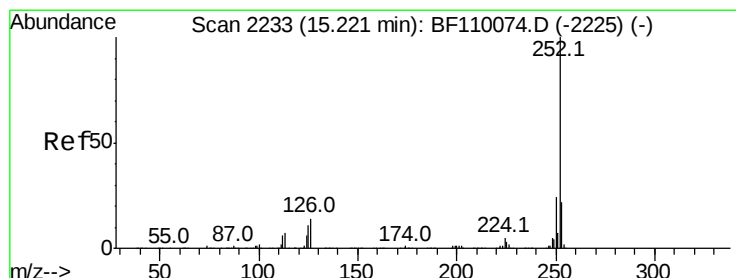
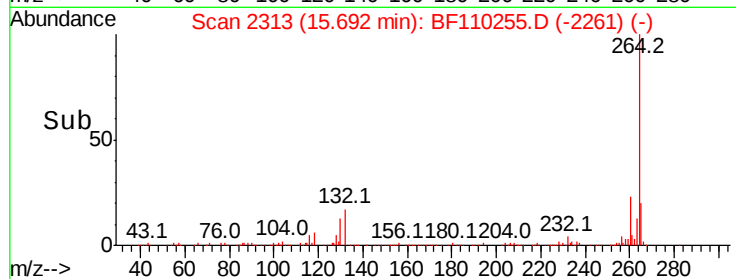
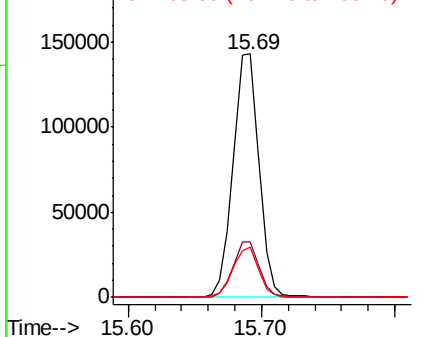
Tot Ion:	264	Resp:	194610
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.7	28.1
265	20.4	16.7	25.1

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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: 48.531 ng

RT: 15.23 min Scan# 2235

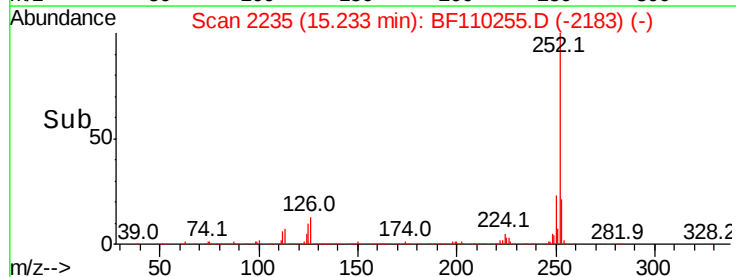
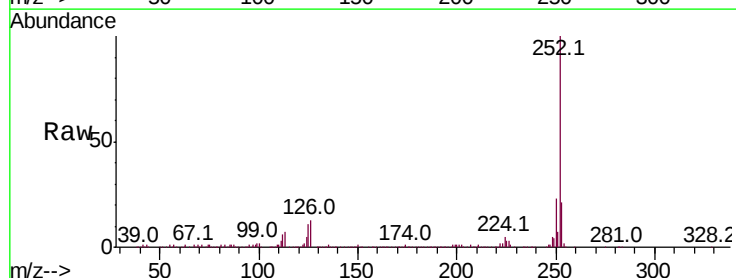
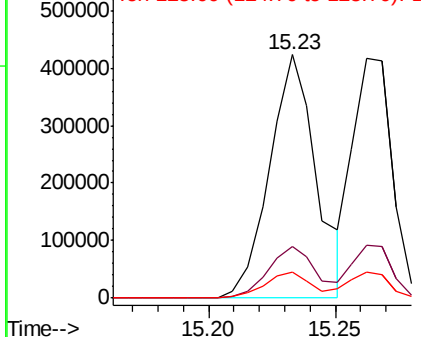
Delta R.T. 0.01 min

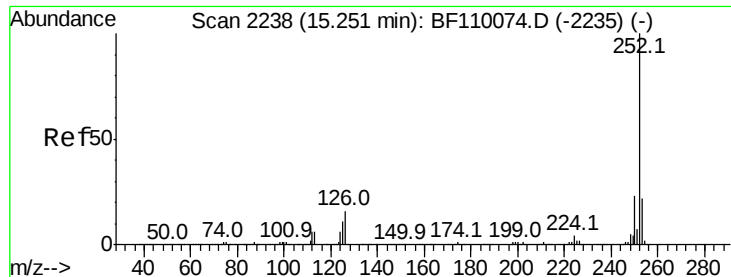
Lab File: BF110255.D

Acq: 29 Oct 2018 11:58

Tgt Ion:	252	Resp:	545392
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.2	25.8
125	10.5	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





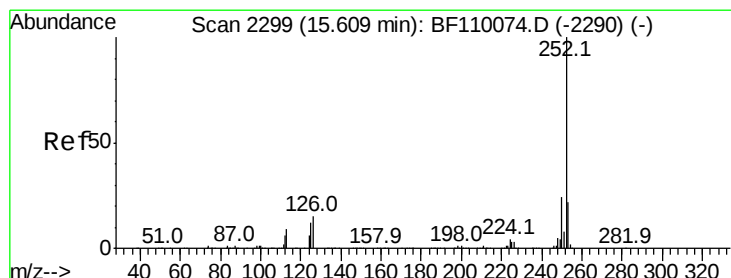
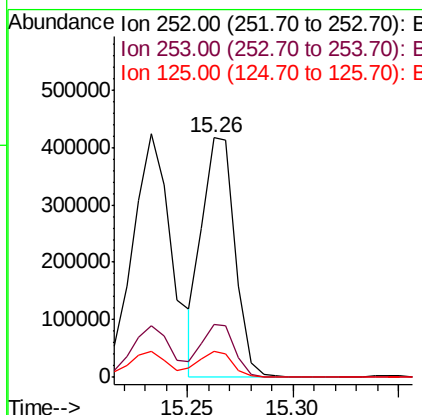
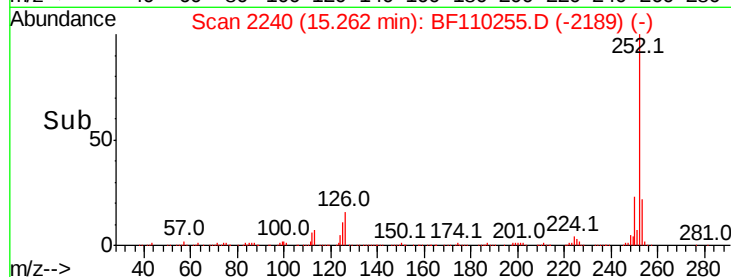
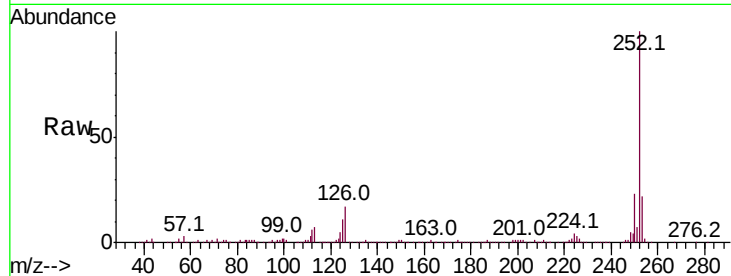
#89
Benzo(k)fluoranthene
Concen: 40.839 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.0	7.4	11.0

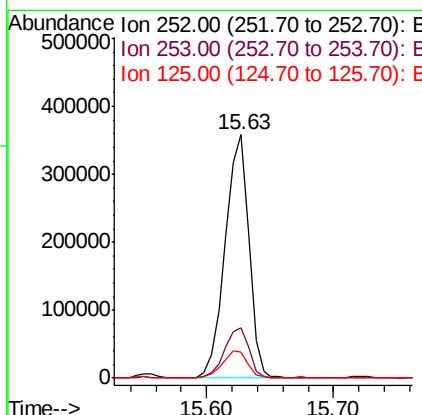
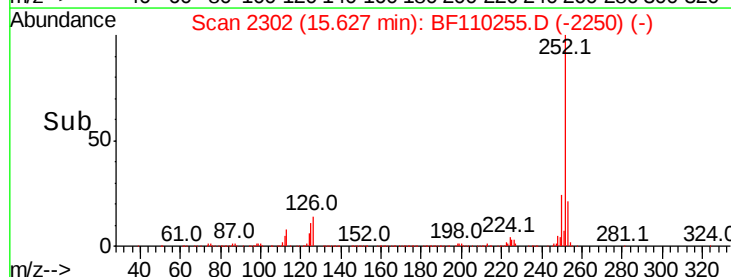
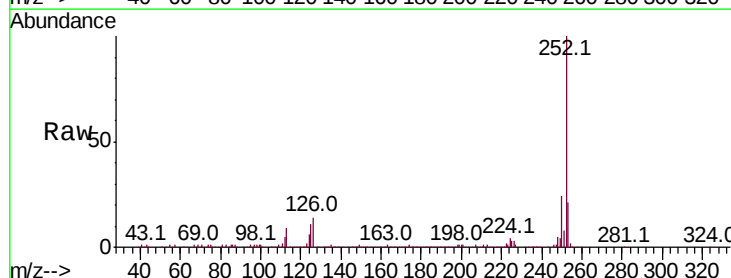
Manual Integrations
APPROVED

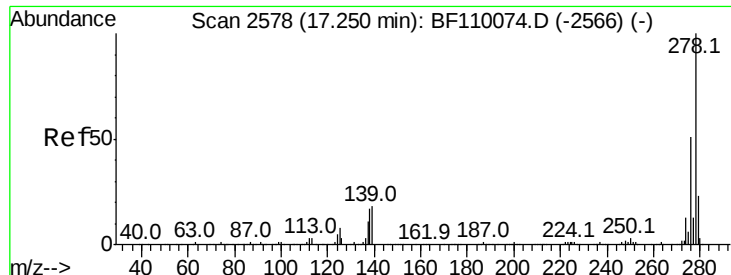
Sohil
10/30/2018 2:24:08 PM



#90
Benzo(a)pyrene
Concen: 44.792 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF110255.D
Acq: 29 Oct 2018 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.2	27.4
125	10.9	9.0	13.6





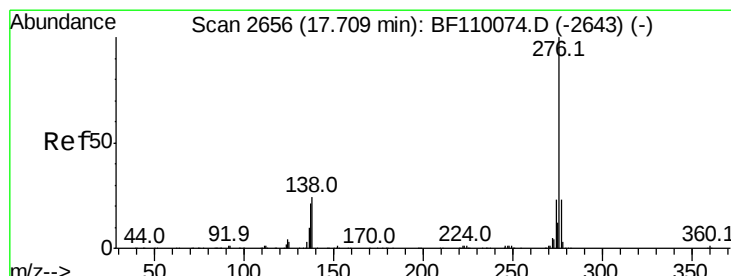
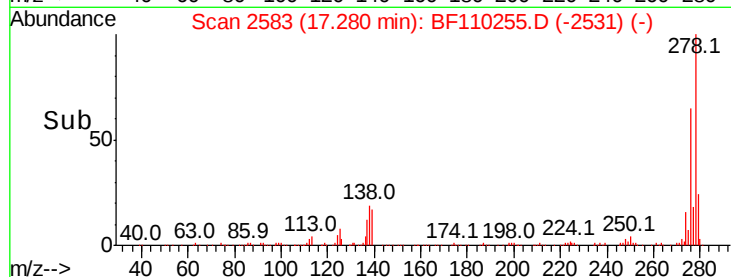
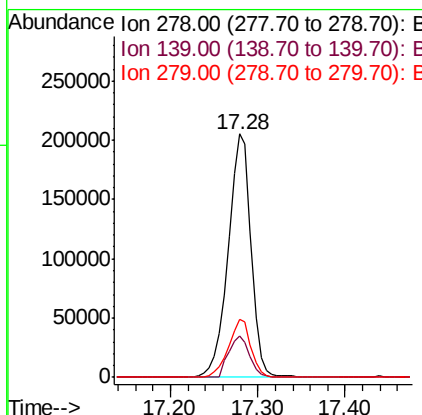
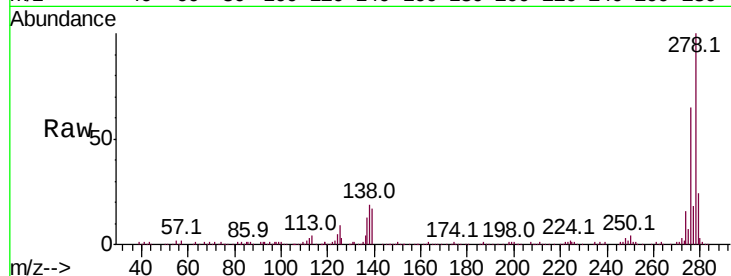
#91
 Dibenzo(a,h)anthracene
 Concen: 41.221 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MS

Tot Ion:	278	Resp:	367801
Ion Ratio	Lower	Upper	
278	100		
139	16.9	12.7	19.1
279	23.7	19.0	28.4

Manual Integrations
 APPROVED

Sohil
 10/30/2018 2:24:08 PM



#92
 Benzo(g,h,i)perylene
 Concen: 39.353 ng
 RT: 17.74 min Scan# 2662
 Delta R.T. 0.01 min
 Lab File: BF110255.D
 Acq: 29 Oct 2018 11:58

Tgt Ion:	276	Resp:	346005
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.8	28.2
138	22.4	16.0	24.0

