

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110247.D
 Acq On : 27 Oct 2018 8:16
 Operator : JU/SJ
 Sample : PB114167BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

Manual Integrations
 APPROVED

Sohil
 10/29/2018 11:56:50 AM

Quant Time: Oct 29 08:40:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	106560	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	425968	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	174985	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	273955	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	186132	20.00	ng	-0.01
87) Perylene-d12	15.67	264	128090	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	519787	79.43	ng	0.00
7) Phenol-d6	6.59	99	644141	76.96	ng	-0.01
23) Nitrobenzene-d5	7.53	82	565490	78.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	114801	66.23	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1046435	93.90	ng	-0.01
79) Terphenyl-d14	13.09	244	718559	80.29	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	91196	26.600	ng	89
3) Pyridine	3.67	79	268198	35.123	ng	90
4) n-Nitrosodimethylamine	3.63	42	130998	40.947	ng	93
6) Aniline	6.63	93	179745	16.486	ng	# 53
8) 2-Chlorophenol	6.75	128	286246	37.942	ng	98
9) Benzaldehyde	6.52	77	122713	22.216	ng	92
10) Phenol	6.60	94	335352	37.483	ng	# 64
11) bis(2-Chloroethyl)ether	6.70	93	262180	35.619	ng	96
12) 1,3-Dichlorobenzene	6.91	146	298340	35.934	ng	96
13) 1,4-Dichlorobenzene	6.99	146	304719	36.290	ng	98
14) 1,2-Dichlorobenzene	7.14	146	284639	36.516	ng	99
15) Benzyl Alcohol	7.10	79	233886	36.332	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	415090	35.270	ng	69
17) 2-Methylphenol	7.21	107	230891	38.402	ng	# 81
18) Hexachloroethane	7.47	117	93046	30.267	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	190689	35.513	ng	96
20) 3+4-Methylphenols	7.36	107	292891	37.686	ng	98
22) Acetophenone	7.37	105	380555	38.772	ng	# 96
24) Nitrobenzene	7.55	77	282581	38.112	ng	94
25) Isophorone	7.79	82	512586	41.871	ng	95
26) 2-Nitrophenol	7.86	139	119380	33.835	ng	97
27) 2,4-Dimethylphenol	7.89	122	259741	44.402	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	325879	39.185	ng	98
29) 2,4-Dichlorophenol	8.10	162	224833	38.043	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	246314	37.208	ng	93
31) Naphthalene	8.27	128	781011	39.782	ng	99
32) Benzoic acid	8.00	122	102408	22.650	ng	91
33) 4-Chloroaniline	8.32	127	97033	10.982	ng	98
34) Hexachlorobutadiene	8.38	225	137956	37.533	ng	97
35) Caprolactam	8.69	113	68977m	33.486	ng	
36) 4-Chloro-3-methylphenol	8.80	107	231334	36.198	ng	97
37) 2-Methylnaphthalene	8.96	142	525010	40.418	ng	98
38) 1-Methylnaphthalene	9.06	142	488537	38.919	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	219082	40.183	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	60983	21.874	ng	97
43) 2,4,6-Trichlorophenol	9.24	196	135516	38.536	ng	93
44) 2,4,5-Trichlorophenol	9.29	196	141048	37.945	ng	93
46) 1,1'-Biphenyl	9.43	154	621655	39.286	ng	99
47) 2-Chloronaphthalene	9.46	162	454161	39.127	ng	99
48) 2-Nitroaniline	9.55	65	142654	40.557	ng	95
49) Acenaphthylene	9.87	152	686847	40.969	ng	99
50) Dimethylphthalate	9.72	163	553888	42.881	ng	99
51) 2,6-Dinitrotoluene	9.79	165	105744	38.005	ng	90
52) Acenaphthene	10.05	154	415673	37.479	ng	97
53) 3-Nitroaniline	9.96	138	90862	27.461	ng	94
54) 2,4-Dinitrophenol	10.07	184	12231	15.535	ng	91
55) Dibenzofuran	10.22	168	587444	37.831	ng	98
56) 4-Nitrophenol	10.12	139	202069	82.515	ng	95
57) 2,4-Dinitrotoluene	10.20	165	124174	35.136	ng	# 86
58) Fluorene	10.56	166	447716	38.741	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	102111	33.702	ng	94
60) Diethylphthalate	10.42	149	515898	40.915	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	221349	36.307	ng	97
62) 4-Nitroaniline	10.58	138	111703	33.943	ng	90
63) Azobenzene	10.71	77	454008	36.275	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	10462	8.359	ng	88
66) n-Nitrosodiphenylamine	10.67	169	397710	44.260	ng	96
67) 4-Bromophenyl-phenylether	11.04	248	126602	42.604	ng	# 88
68) Hexachlorobenzene	11.11	284	121520	38.541	ng	94
69) Atrazine	11.19	200	120959	42.596	ng	97
70) Pentachlorophenol	11.30	266	99003	53.849	ng	98
71) Phenanthrene	11.53	178	582650	40.646	ng	100
72) Anthracene	11.58	178	602691	41.946	ng	98
73) Carbazole	11.73	167	527620	37.609	ng	99
74) Di-n-butylphthalate	12.05	149	702302	44.325	ng	99
75) Fluoranthene	12.72	202	572678	39.365	ng	99
77) Benzidine	12.84	184	247592	50.149	ng	97
78) Pyrene	12.95	202	568919	42.635	ng	98
80) Butylbenzylphthalate	13.56	149	265509	45.842	ng	98
81) Benzo(a)anthracene	14.14	228	459905	41.666	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	152748	39.741	ng	97
83) Chrysene	14.18	228	423017	40.349	ng	97
84) Bis(2-ethylhexyl)phthalate	14.11	149	368070	47.011	ng	96
85) Di-n-octyl phthalate	14.73	149	576690	47.370	ng	100
86) Indeno(1,2,3-cd)pyrene	17.24	276	296890	34.135	ng	97
88) Benzo(b)fluoranthene	15.22	252	341180	46.126	ng	99
89) Benzo(k)fluoranthene	15.25	252	308100m	42.370	ng	
90) Benzo(a)pyrene	15.61	252	296311	43.535	ng	97
91) Dibenzo(a,h)anthracene	17.26	278	248688	42.346	ng	98
92) Benzo(g,h,i)perylene	17.72	276	241973	41.813	ng	98

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

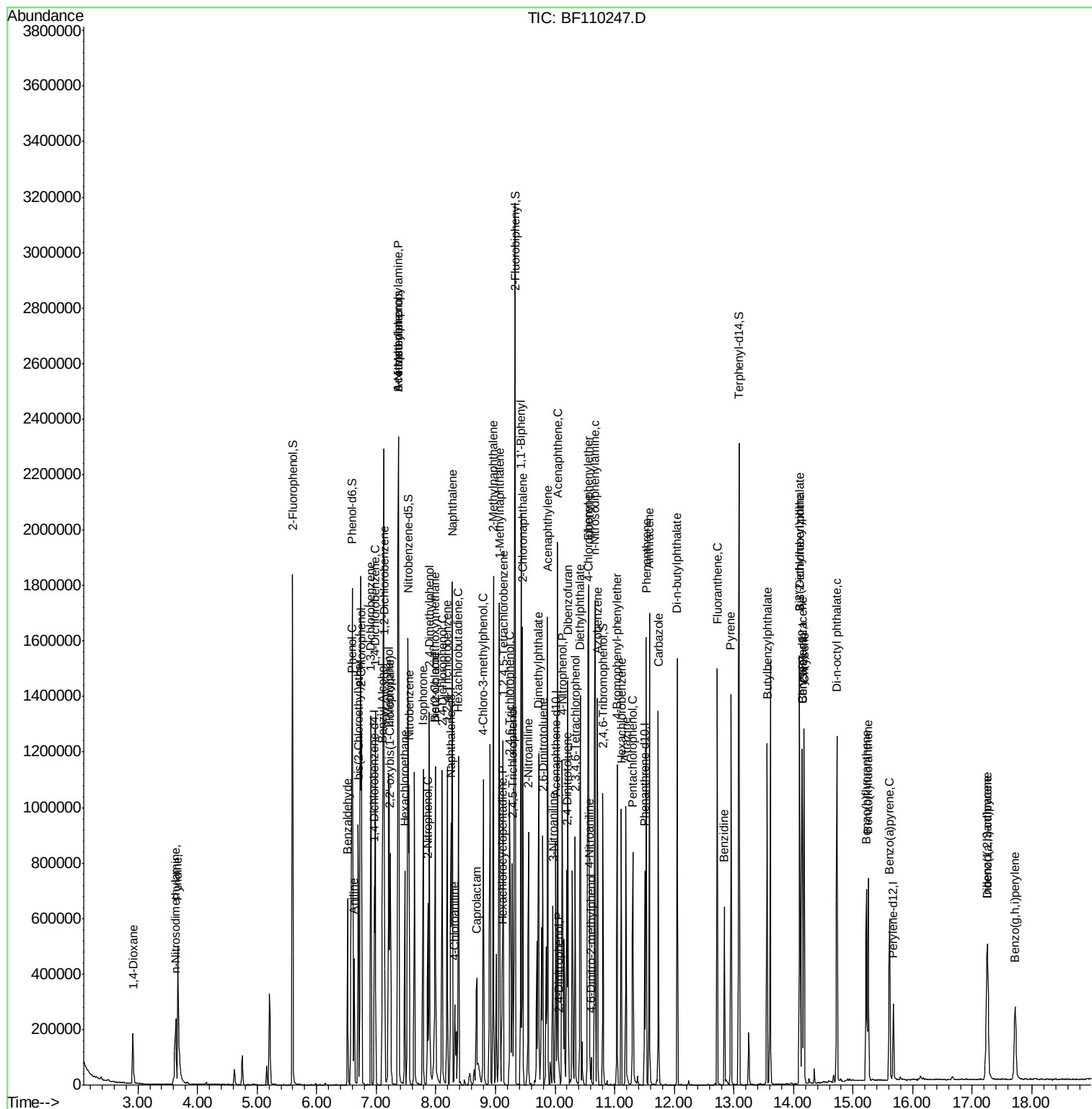
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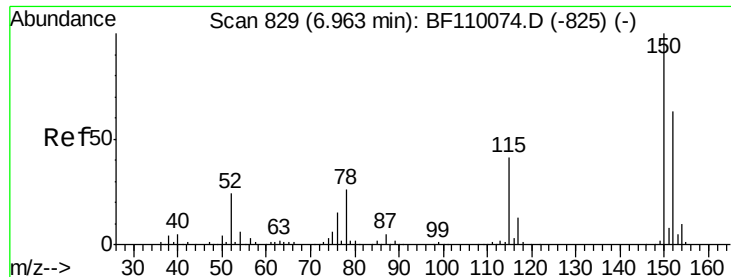
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#1

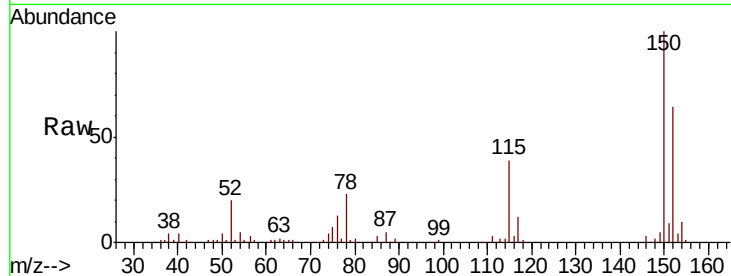
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.7	184.1
115	60.6	49.1	73.7

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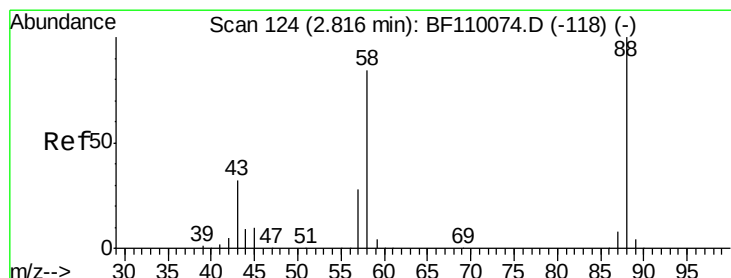
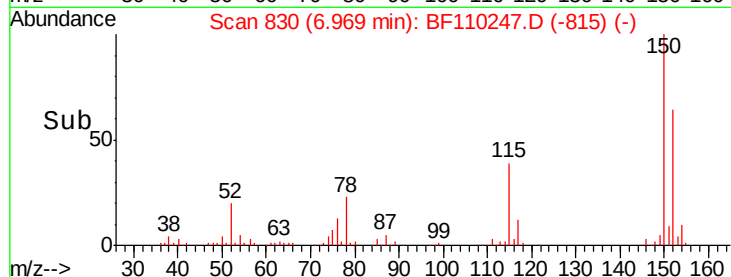
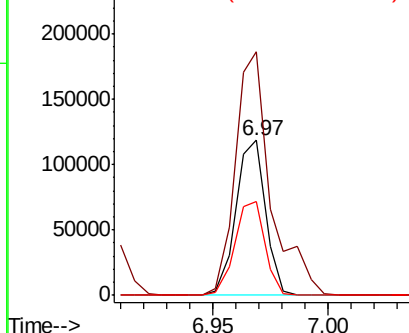


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

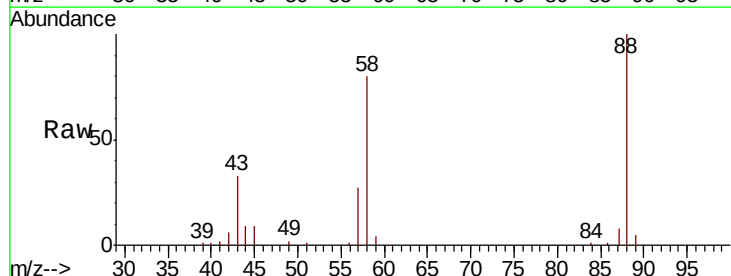
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.600 ng
RT: 2.92 min Scan# 141
Delta R.T. 0.07 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	57.1	85.7
43	33.0	24.1	36.1

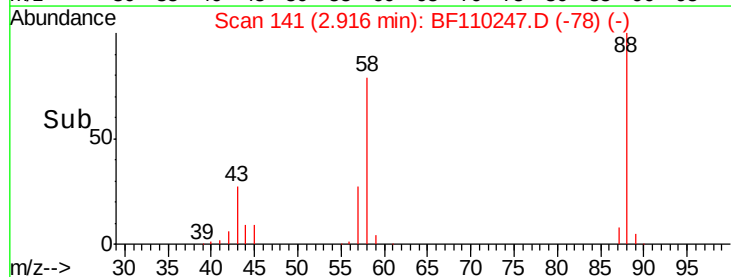
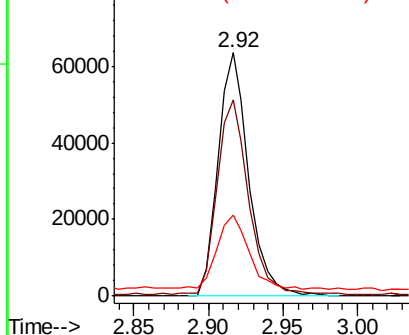


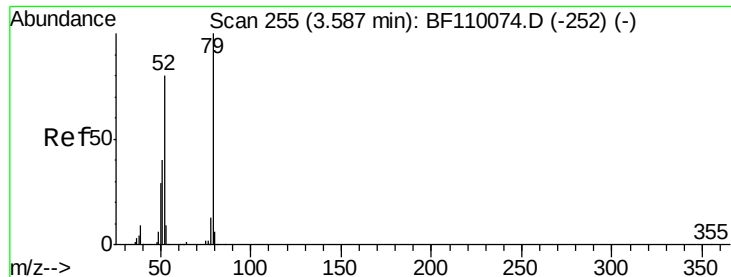
Abundance

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: 35.123 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.05 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

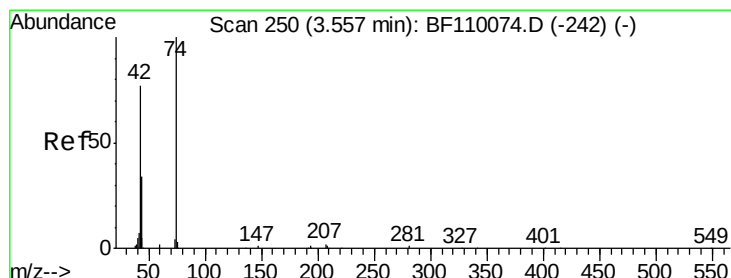
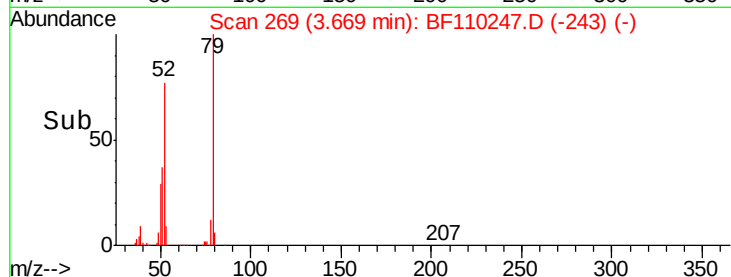
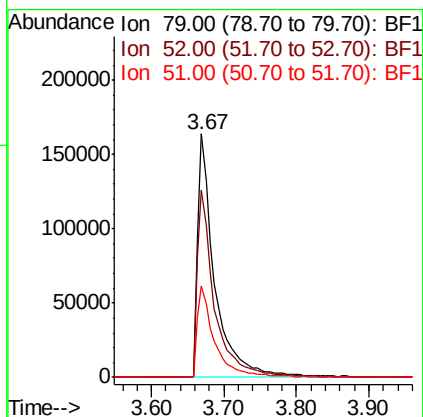
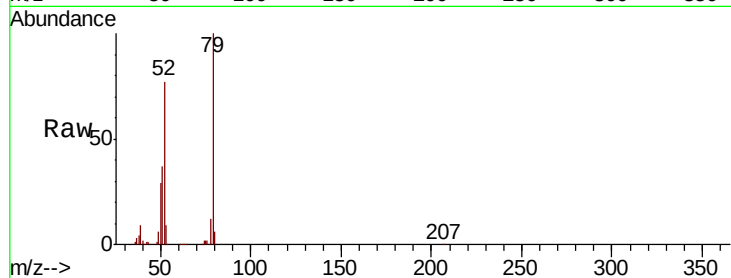
ClientSampleId :

PB114167BSD

Tot Ion:	79	Resp:	268198
Ion Ratio	Lower	Upper	
79	100		
52	76.7	53.1	79.7
51	37.5	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 40.947 ng

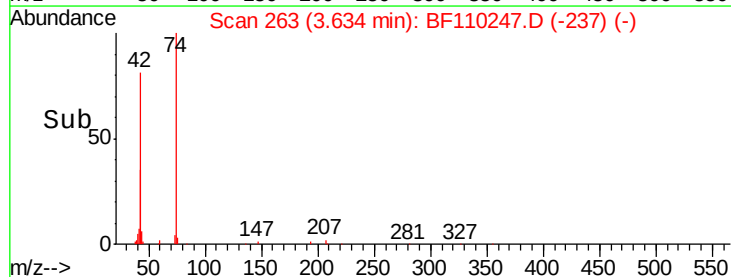
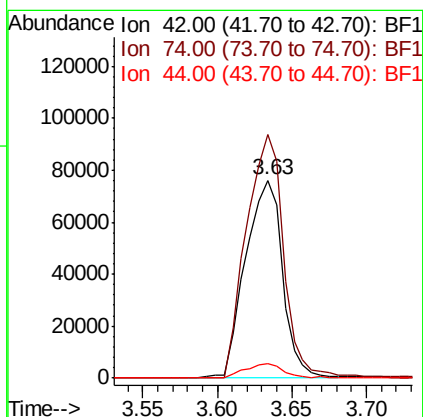
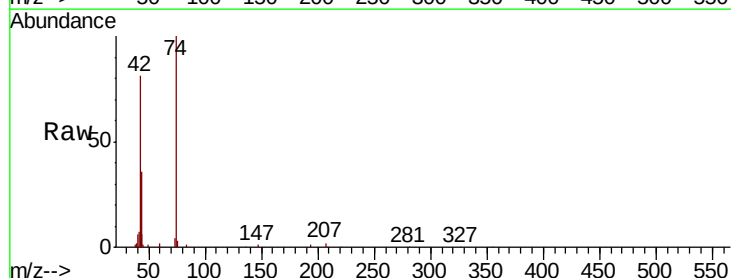
RT: 3.63 min Scan# 263

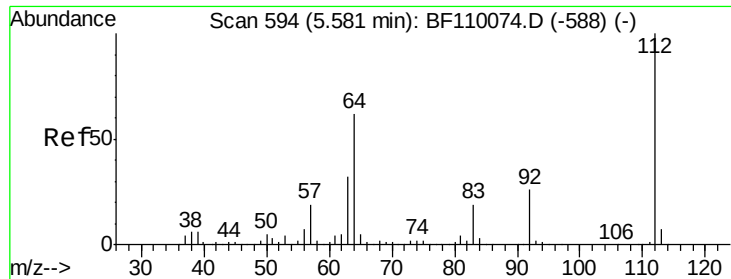
Delta R.T. 0.05 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:	42	Resp:	130998
Ion Ratio	Lower	Upper	
42	100		
74	123.2	105.5	158.3
44	7.1	4.9	7.3





#5

2-Fluorophenol

Concen: 79.434 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

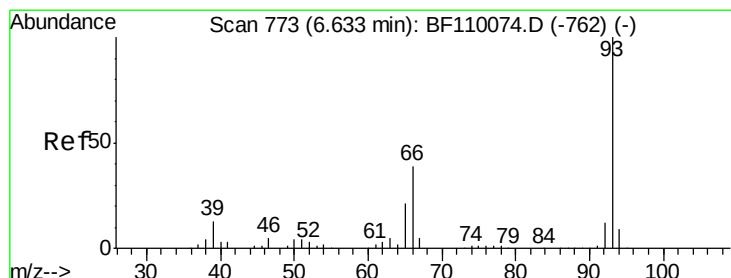
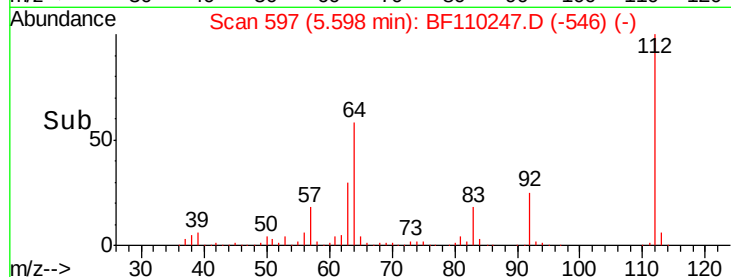
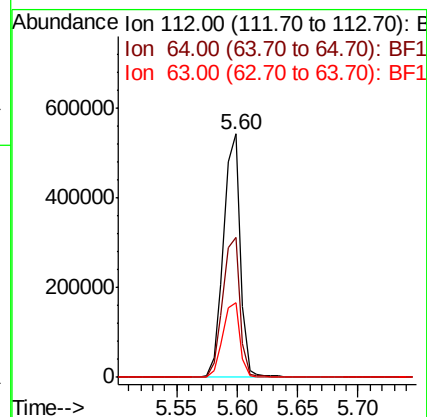
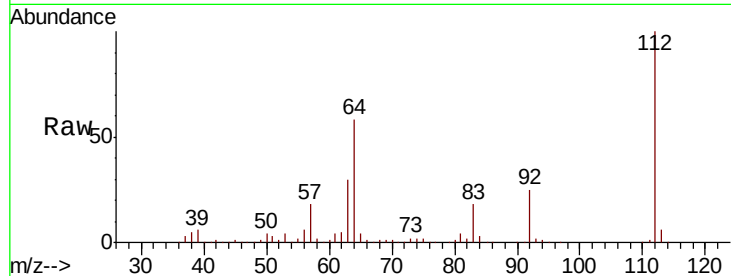
ClientSampleId :

PB114167BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		519787		
64	57.7	44.1	66.1		
63	30.5	23.7	35.5		

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#6

Aniline

Concen: 16.486 ng

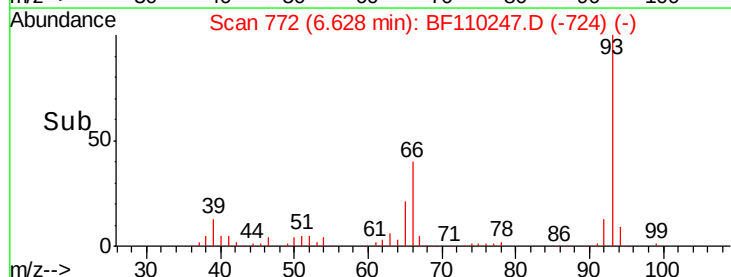
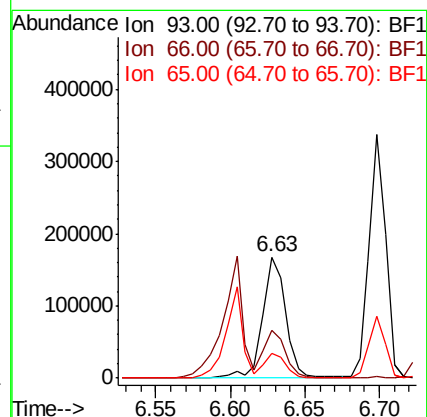
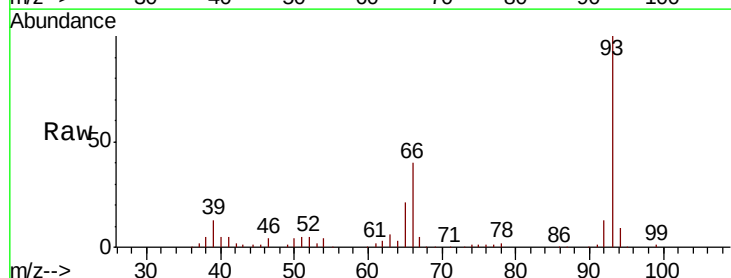
RT: 6.63 min Scan# 772

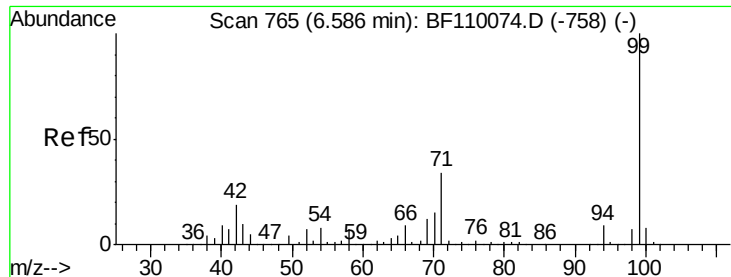
Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		179745		
66	39.8	67.4	101.0#		
65	20.6	41.0	61.4#		





#7

Phenol-d6

Concen: 76.960 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

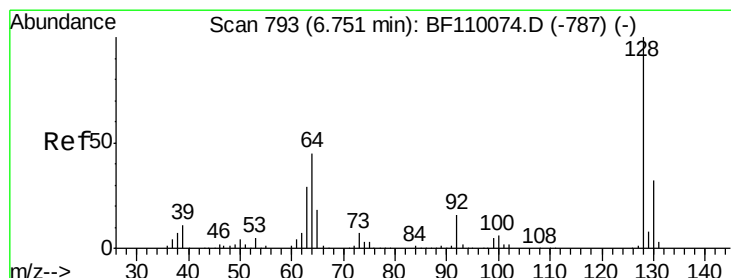
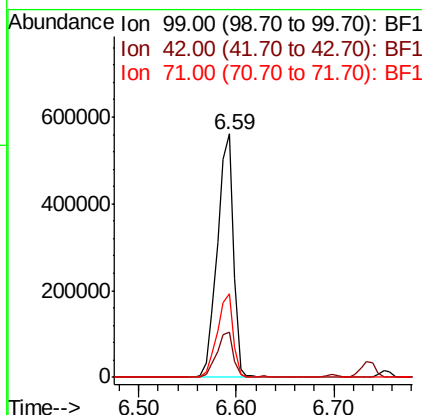
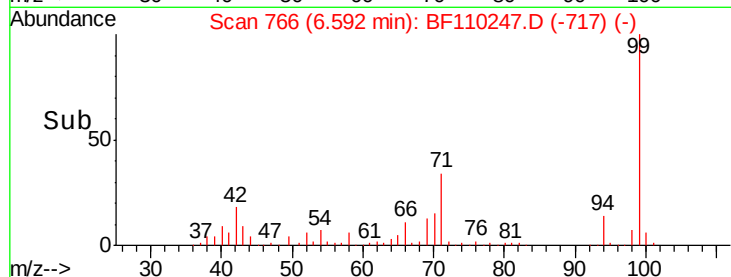
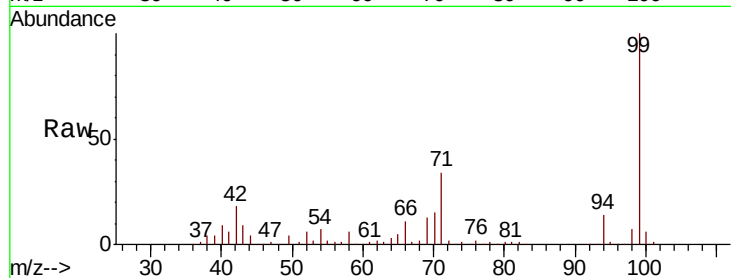
ClientSampleId :

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Tot Ion:	99	Resp:	644141
Ion Ratio	Lower	Upper	
99	100		
42	18.5	15.8	23.6
71	34.3	28.0	42.0

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#8

2-Chlorophenol

Concen: 37.942 ng

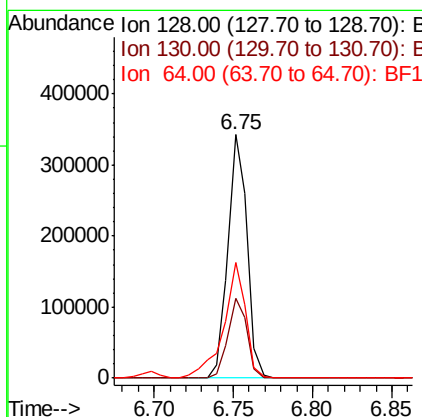
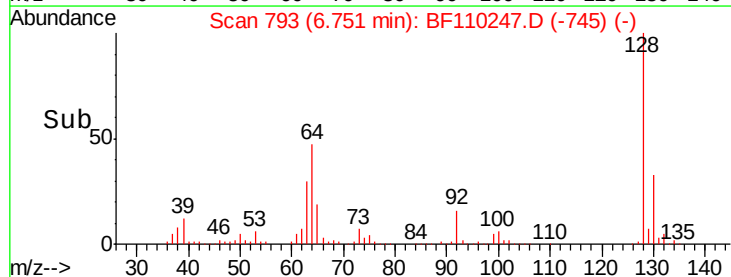
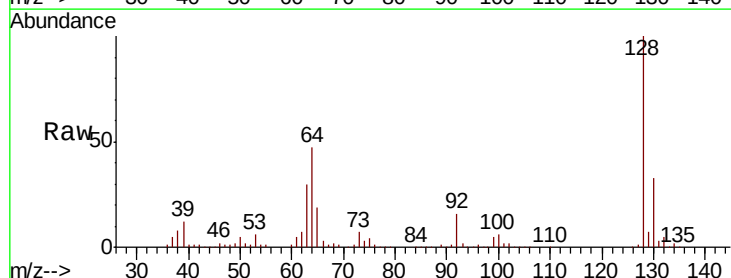
RT: 6.75 min Scan# 793

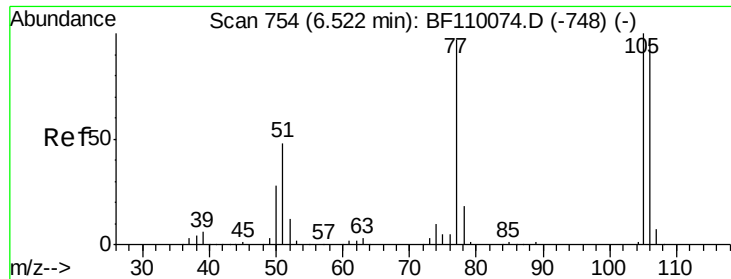
Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:	128	Resp:	286246
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.1	53.1
64	47.5	26.0	66.0





#9

Benzaldehyde

Concen: 22.216 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

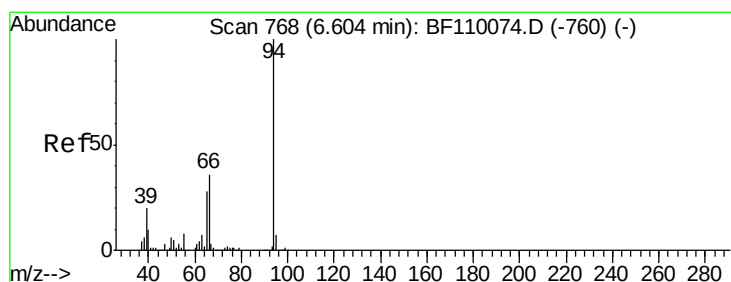
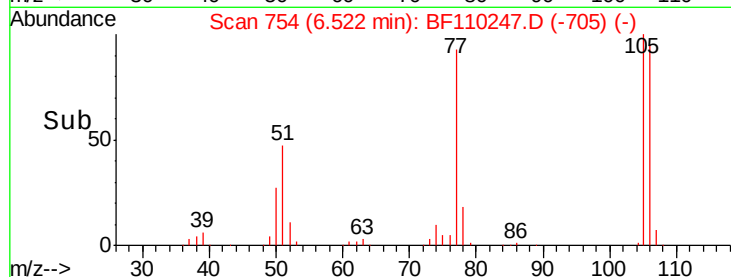
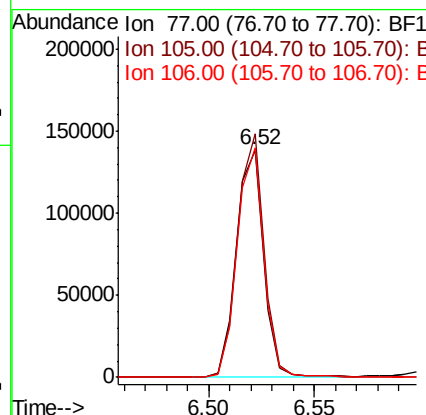
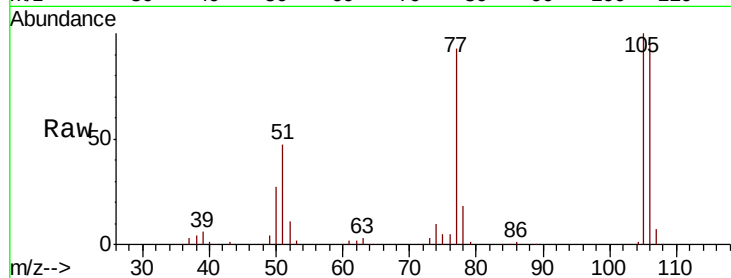
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Tot Ion:	77	Resp:	122713
Ion	Ratio	Lower	Upper
77	100		
105	107.2	78.6	118.6
106	101.3	74.8	114.8

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#10

Phenol

Concen: 37.483 ng

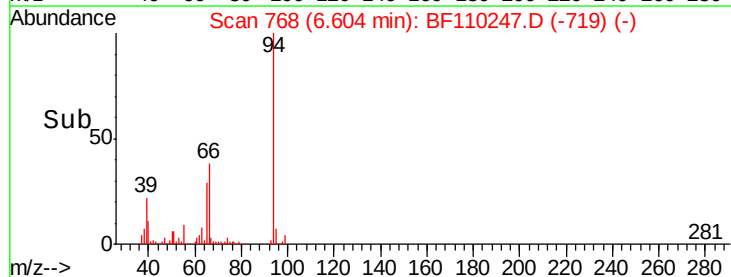
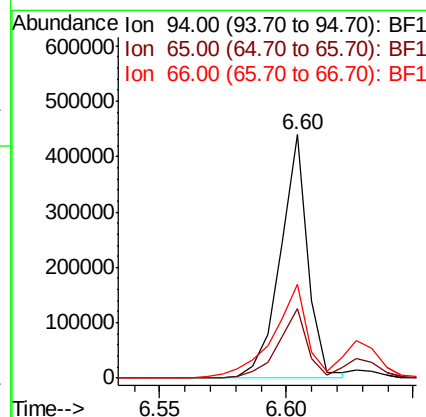
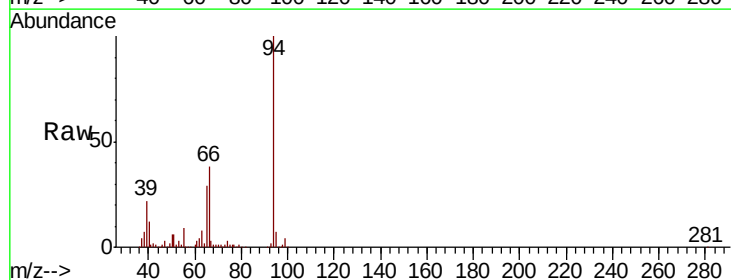
RT: 6.60 min Scan# 768

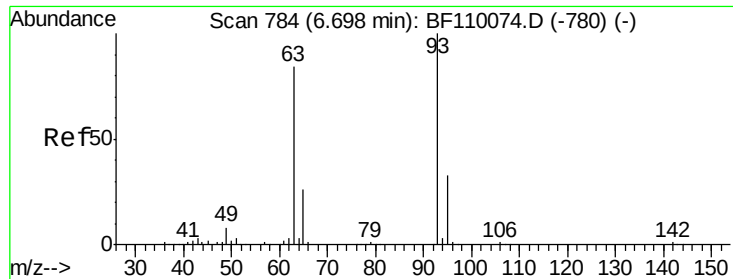
Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:	94	Resp:	335352
Ion	Ratio	Lower	Upper
94	100		
65	28.7	25.3	65.3
66	38.3	54.5	94.5#





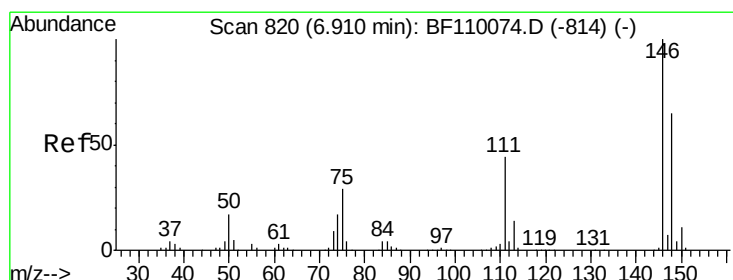
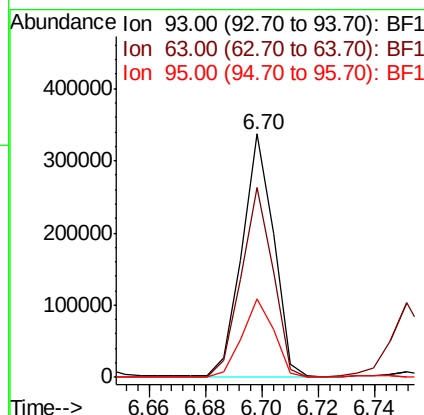
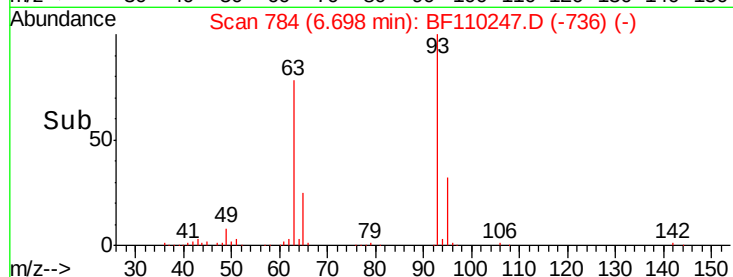
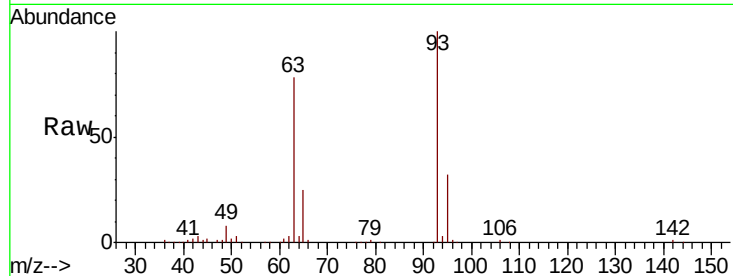
#11
bis(2-Chloroethyl)ether
Concen: 35.619 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	93	Resp	262180
Ion Ratio	Lower	Upper	
93	100		
63	78.2	53.4	93.4
95	32.5	12.1	52.1

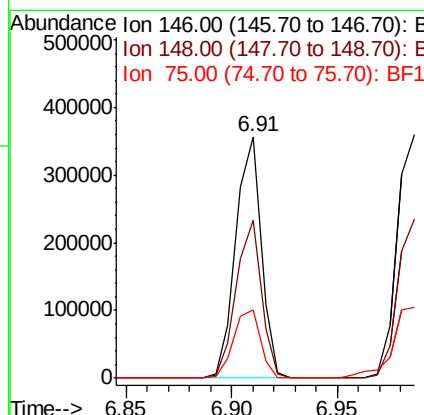
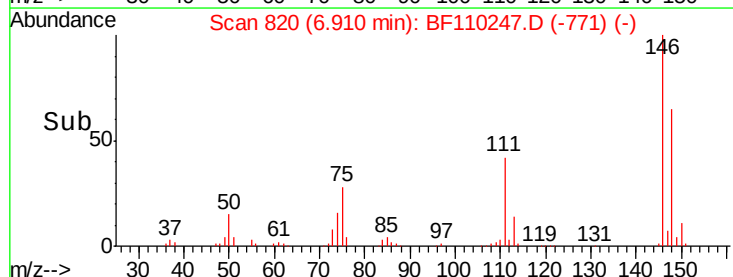
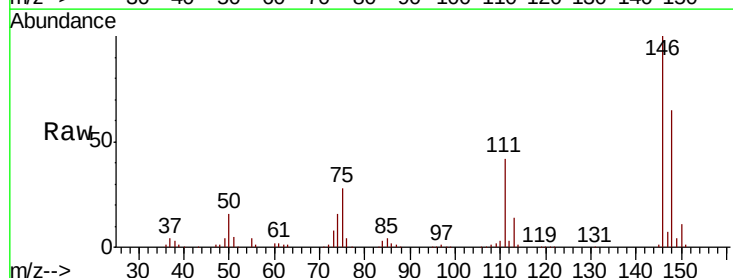
Manual Integrations
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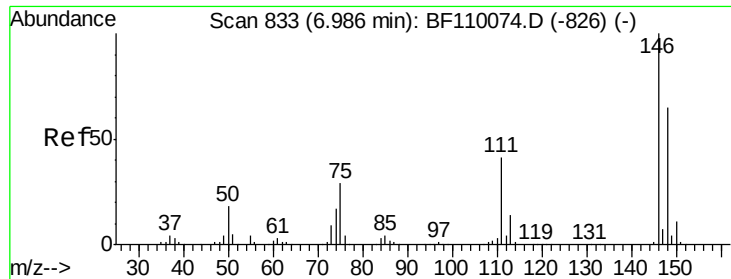
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.934 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	146	Resp	298340
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.4	75.6
75	28.5	25.8	38.6





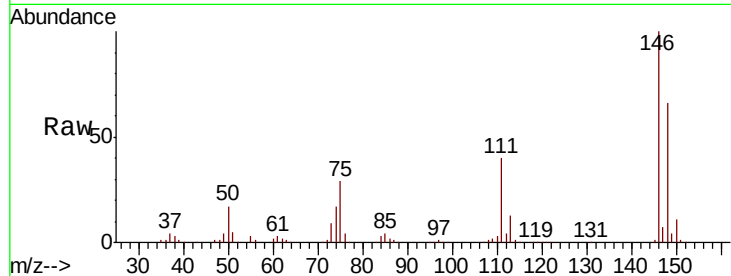
#13
 1,4-Dichlorobenzene
 Concen: 36.290 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.3	75.5
111	40.3	32.7	49.1

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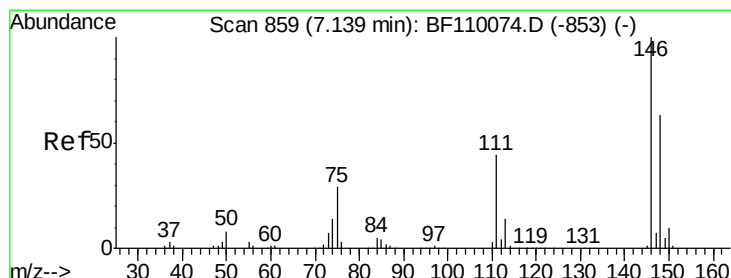
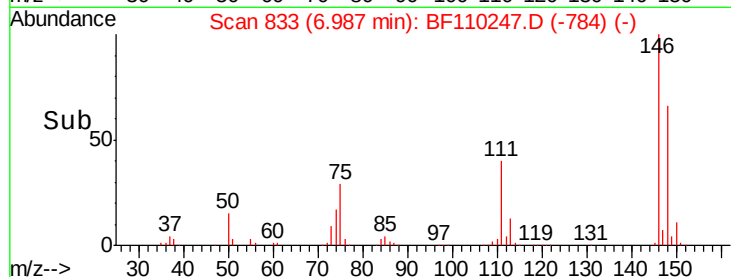
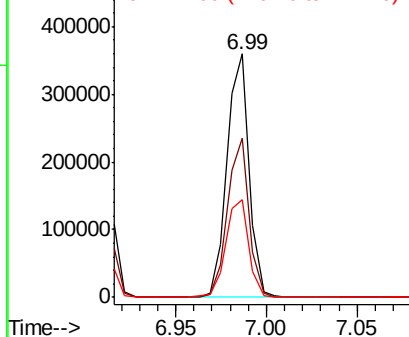


Abundance

Ion 146.00 (145.70 to 146.70): E

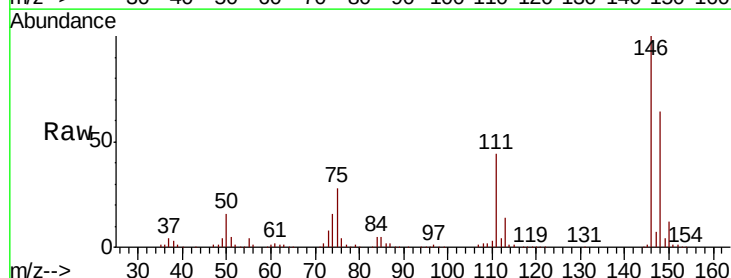
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.516 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	43.8	35.8	53.6

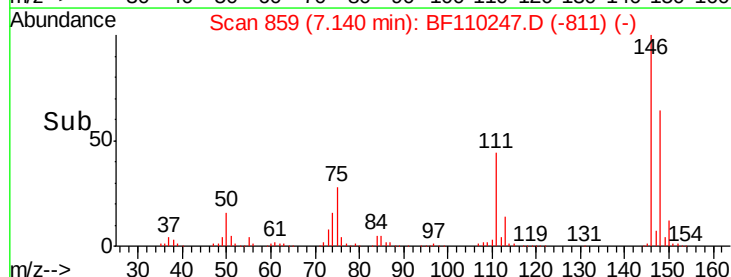
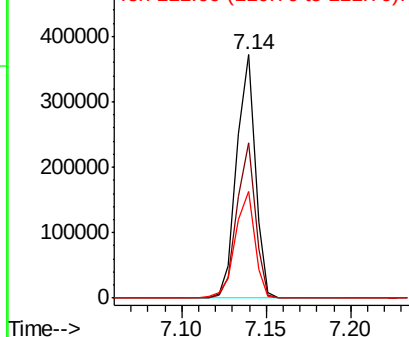


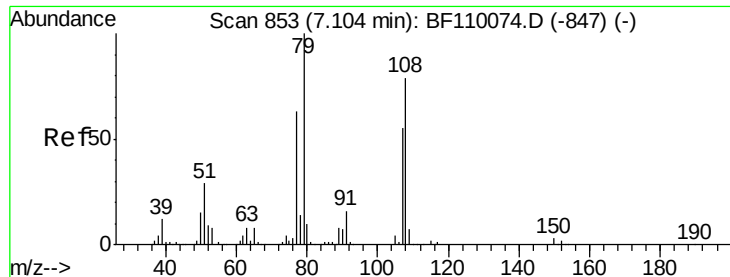
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.332 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

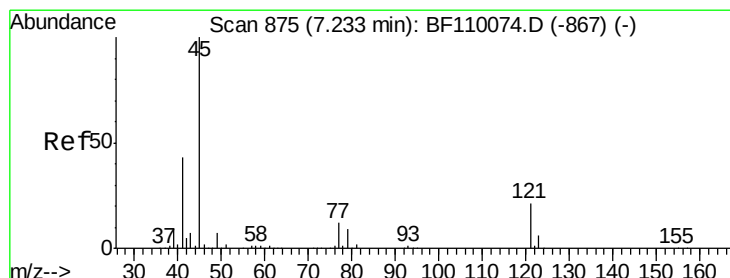
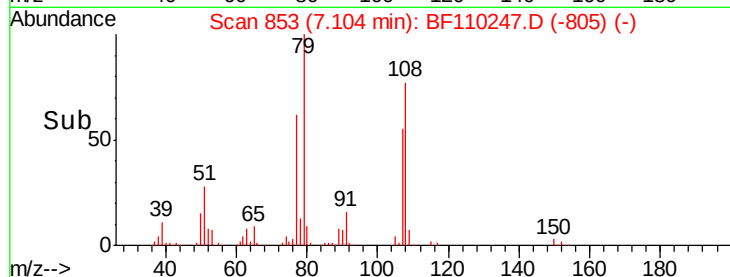
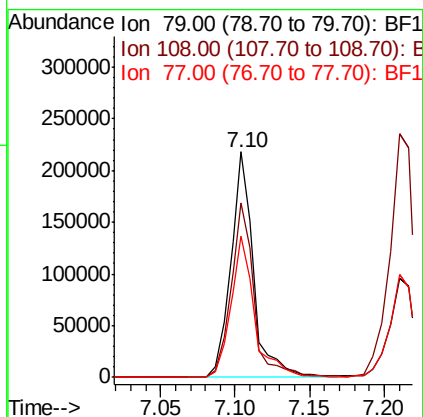
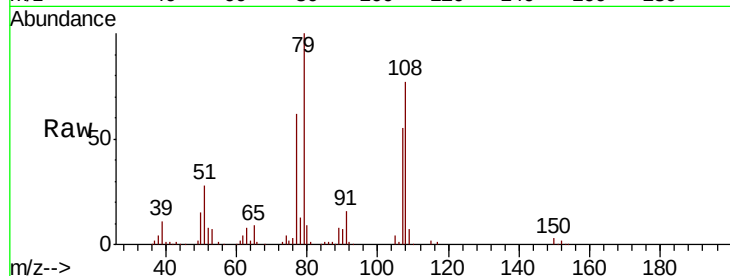
ClientSampleId :

PB114167BSD

Tot Ion:	79	Resp:	233886
Ion Ratio	Lower	Upper	
79	100		
108	77.5	56.3	84.5
77	62.5	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.270 ng

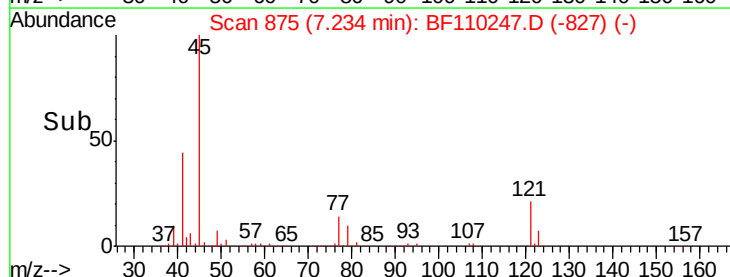
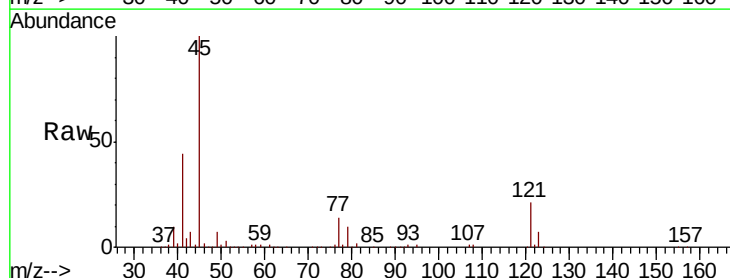
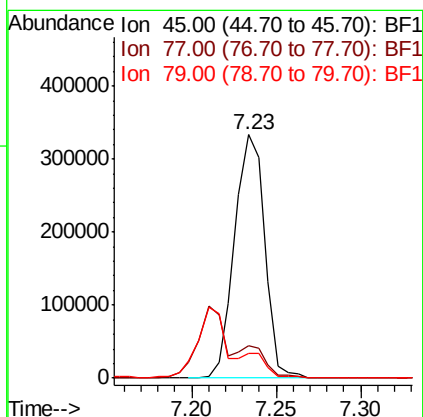
RT: 7.23 min Scan# 875

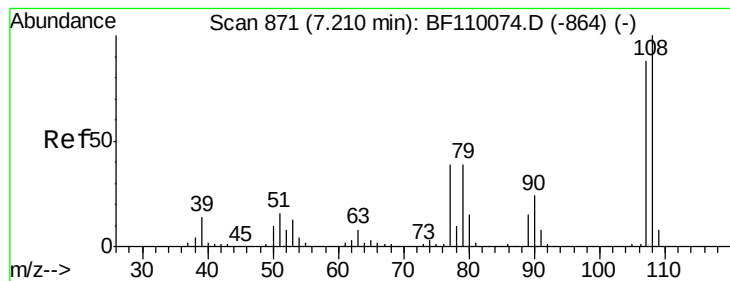
Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:	45	Resp:	415090
Ion Ratio	Lower	Upper	
45	100		
77	13.5	10.0	50.0
79	10.2	6.1	46.1





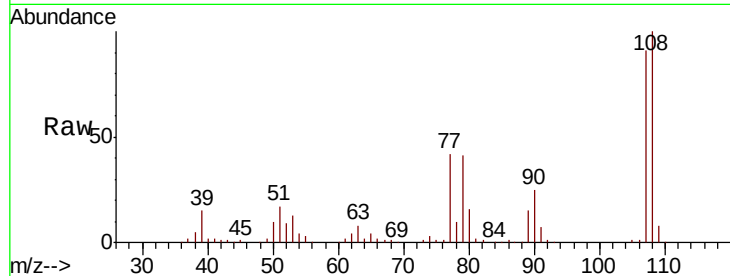
#17
2-Methylphenol
Concen: 38.402 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	92.6	138.8	
77	46.3	59.4	89.2	
79	44.9	54.0	81.0	

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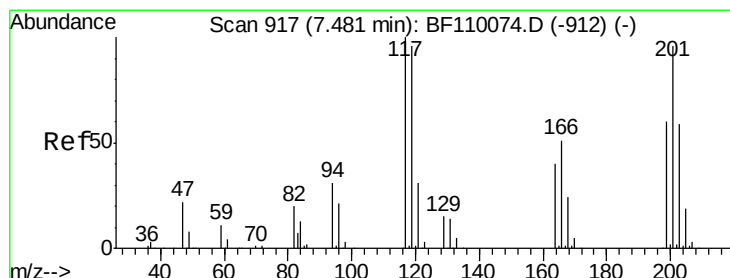
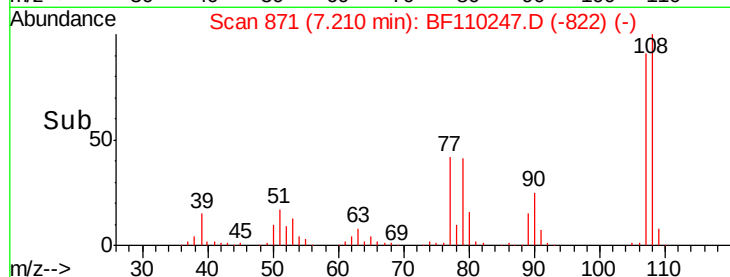
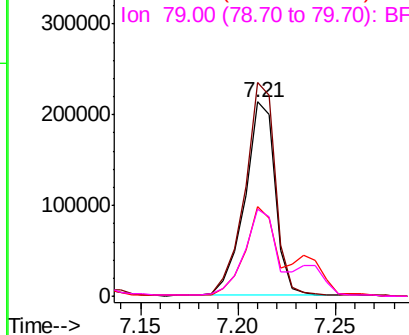
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 30.267 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

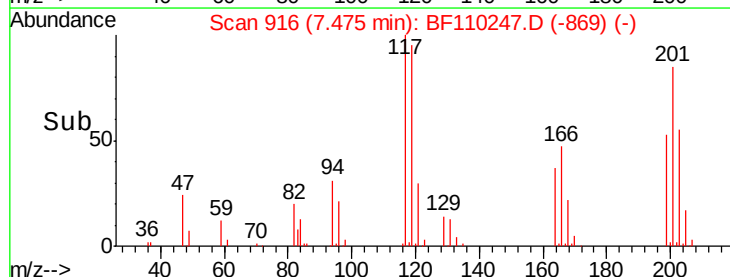
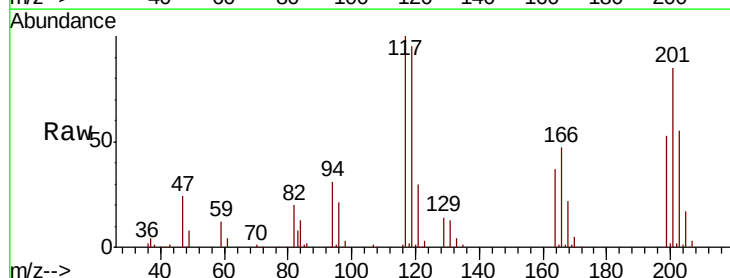
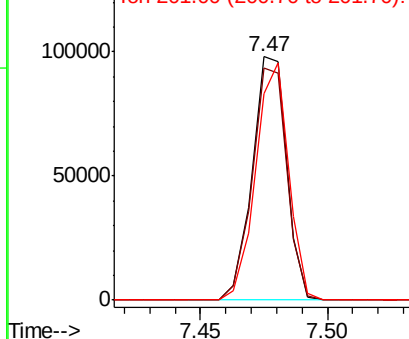
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	75.0	112.6	
201	84.8	79.2	118.8	

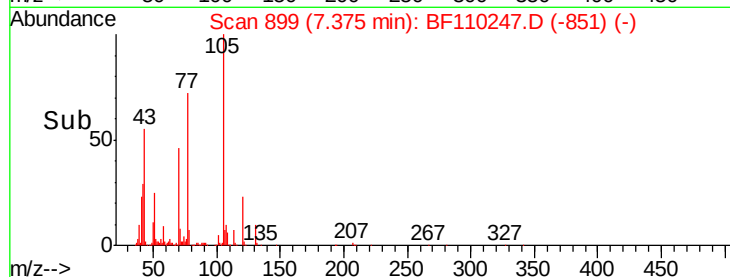
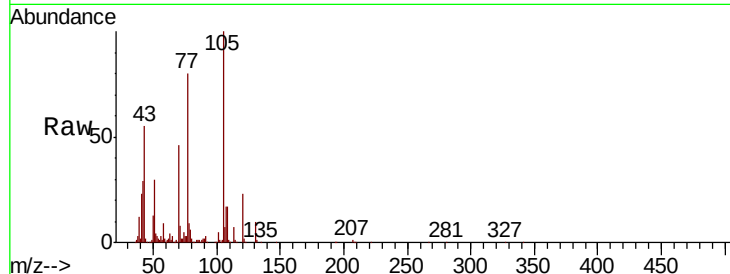
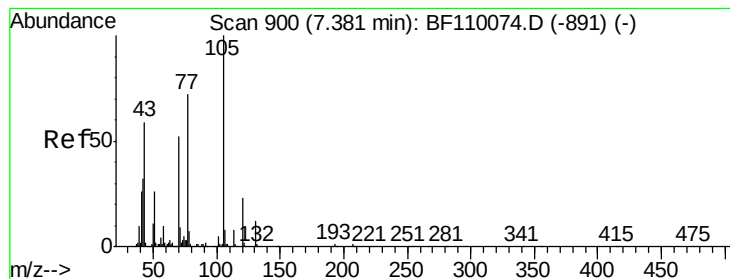
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.513 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

PB114167BSD

Tot Ion: 70 Resp: 190689

Ion Ratio Lower Upper

70 100

42 62.5 47.4 71.2

101 10.0 7.3 10.9

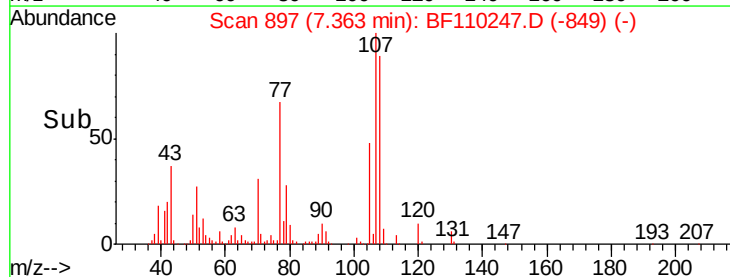
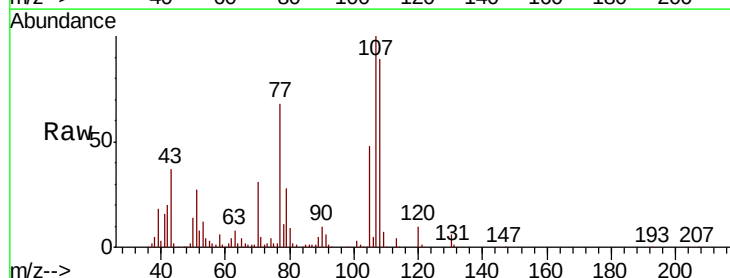
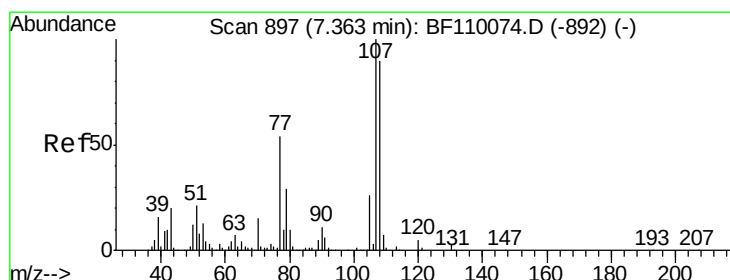
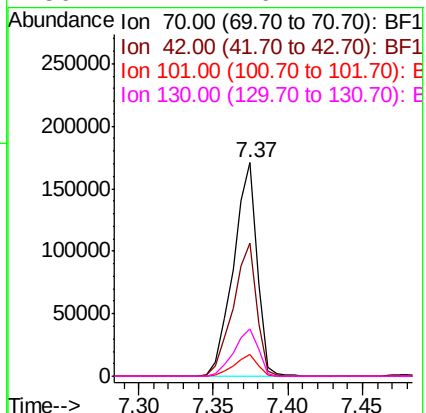
130 22.2 16.2 24.2

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#20

3+4-Methylphenols

Concen: 37.686 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:107 Resp: 292891

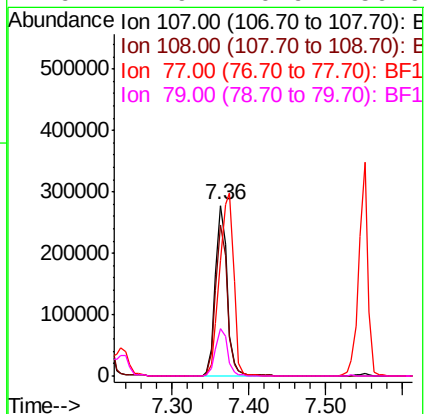
Ion Ratio Lower Upper

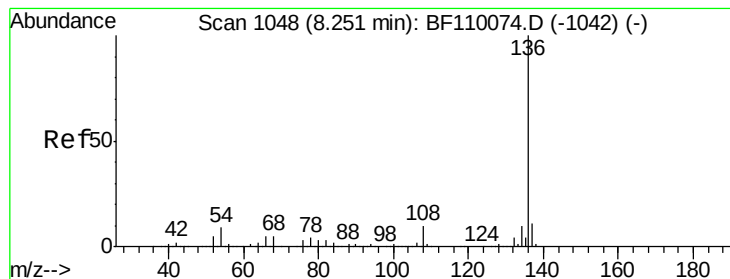
107 100

108 88.6 71.4 111.4

77 67.6 47.3 87.3

79 27.9 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

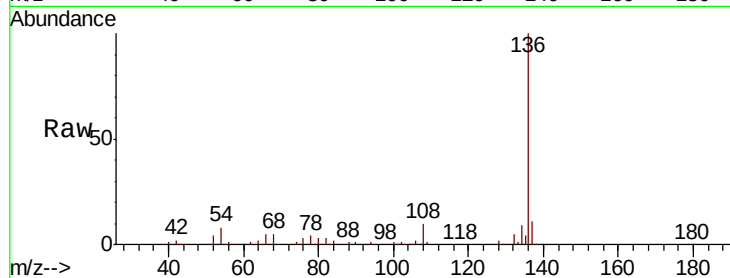
ClientSampleId :

PB114167BSD

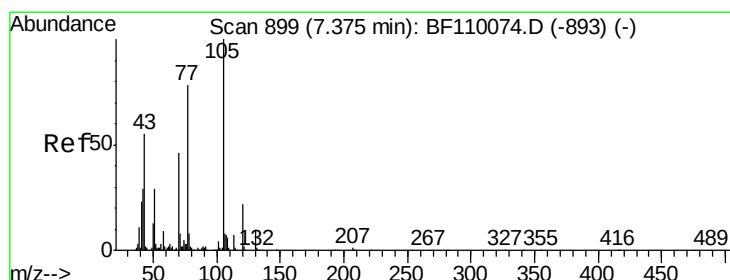
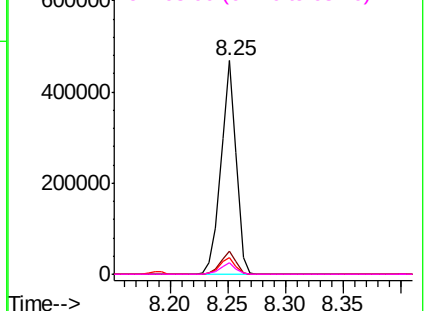
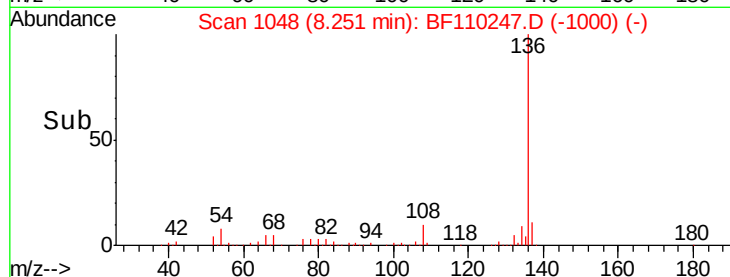
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		425968		
137	11.0		8.8	13.2	
54	7.7		5.4	8.2	
68	5.2		4.2	6.2	

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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: 38.772 ng

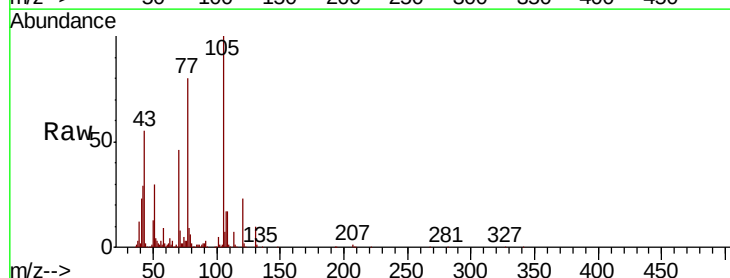
RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

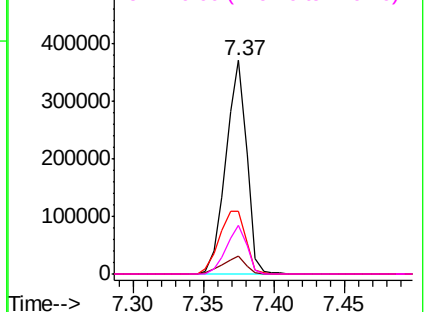
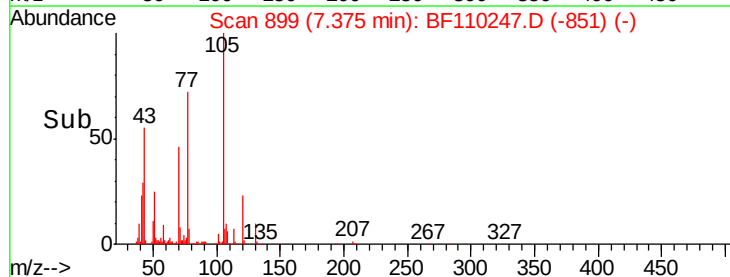
Lab File: BF110247.D

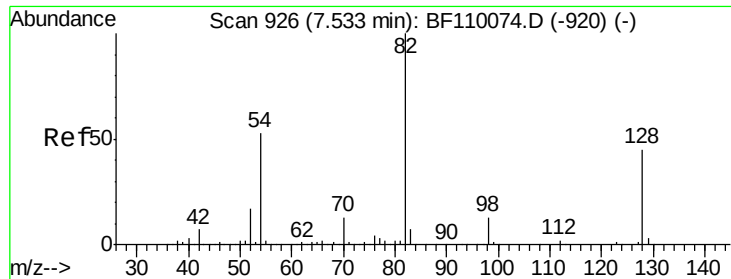
Acq: 27 Oct 2018 8:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		380555		
71	8.2		5.2	7.8#	
51	29.5		21.8	32.8	
120	23.1		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





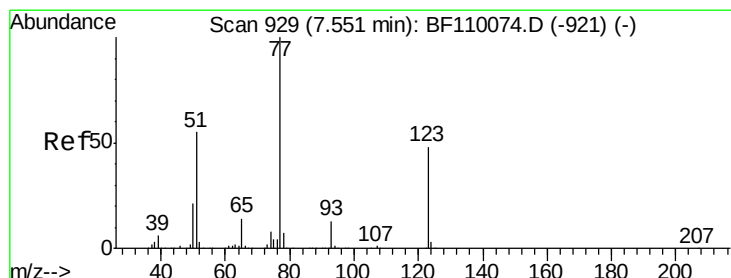
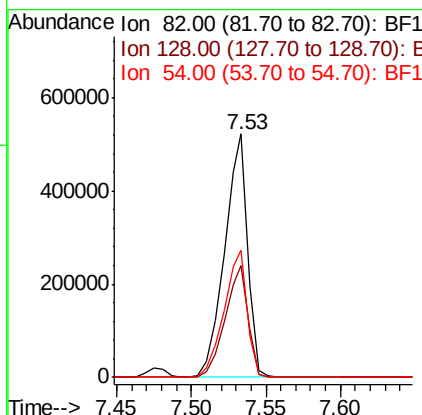
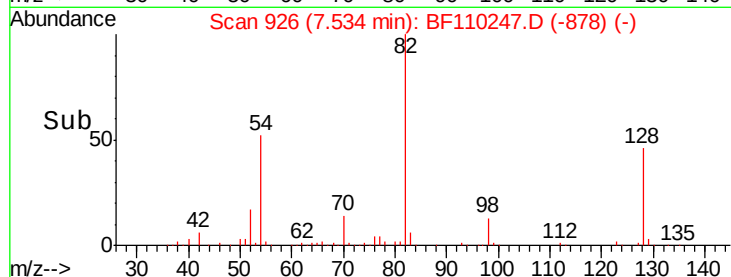
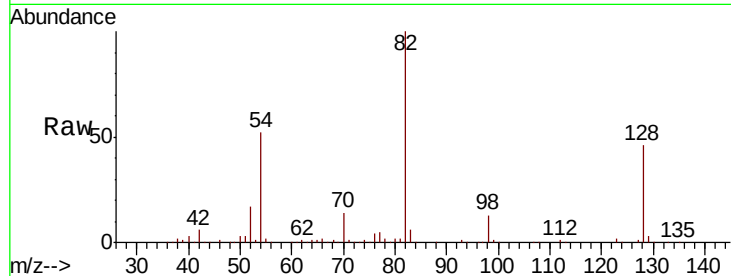
#23
 Nitrobenzene-d5
 Concen: 78.741 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	34.2	51.2	
54	52.0	38.6	58.0	

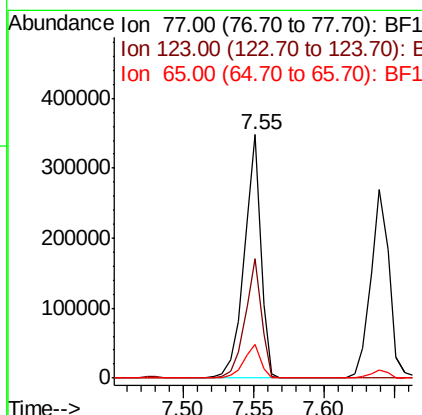
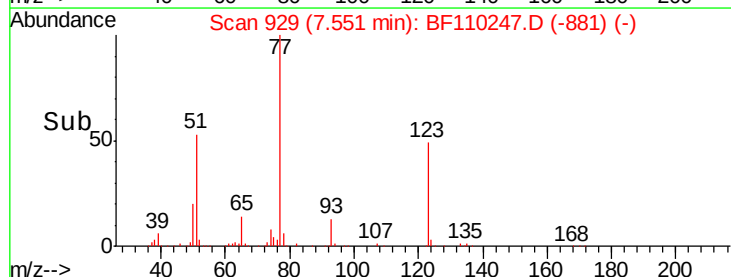
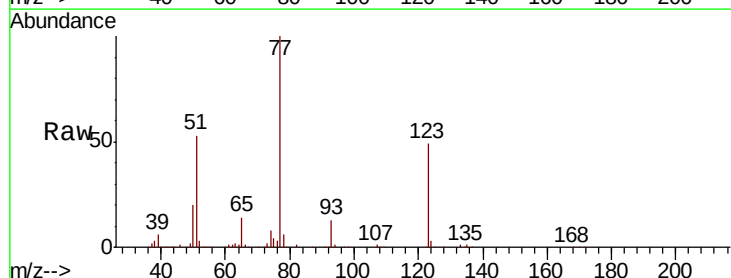
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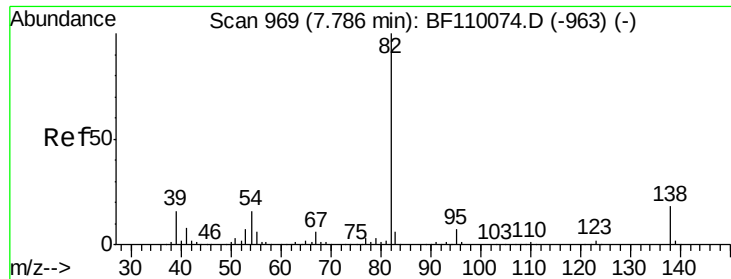
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#24
 Nitrobenzene
 Concen: 38.112 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.2	35.7	53.5	
65	13.7	10.7	16.1	





#25

Isophorone

Concen: 41.871 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

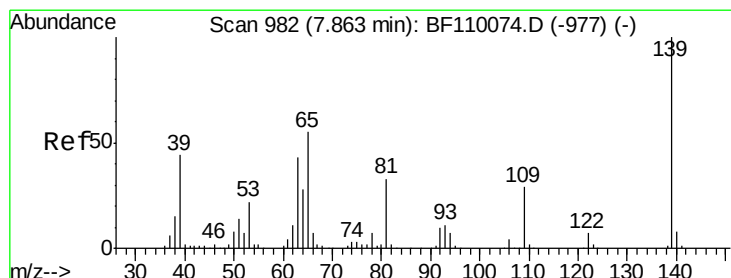
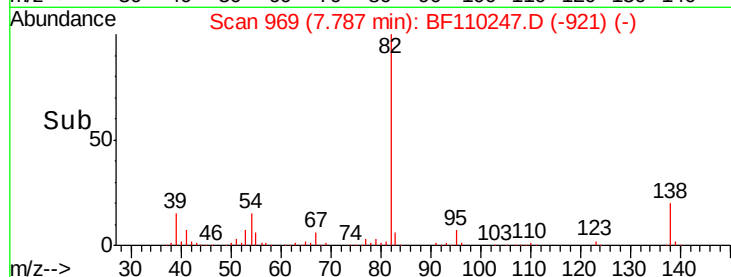
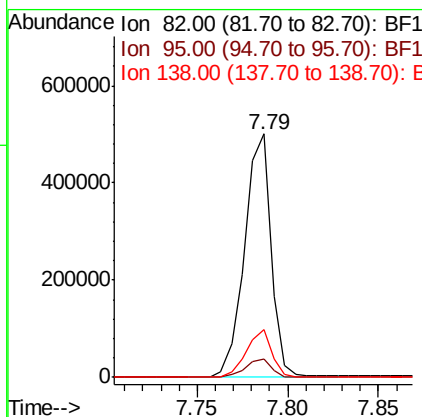
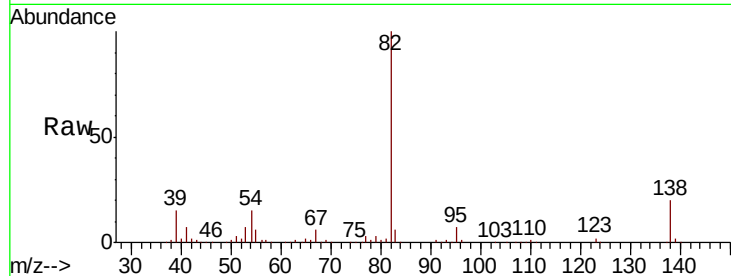
ClientSampleId :

PB114167BSD

Tot Ion:	82	Resp:	512586
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	19.6	13.2	19.8

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#26

2-Nitrophenol

Concen: 33.835 ng

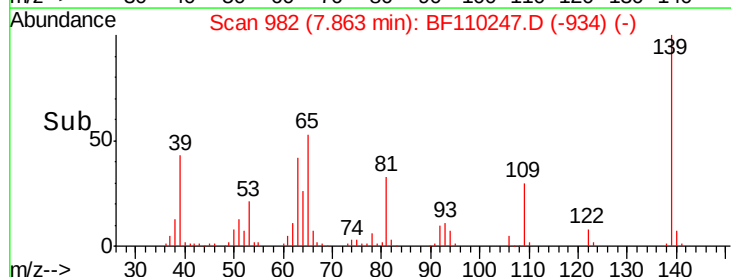
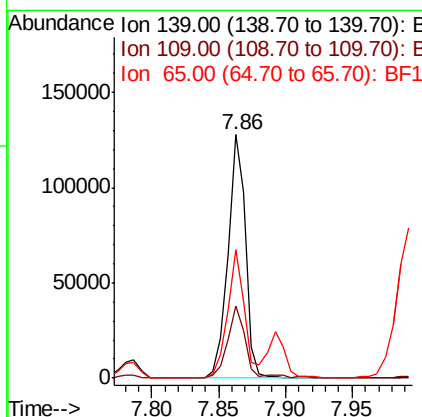
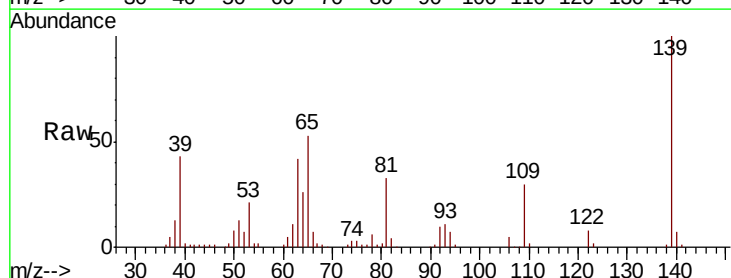
RT: 7.86 min Scan# 982

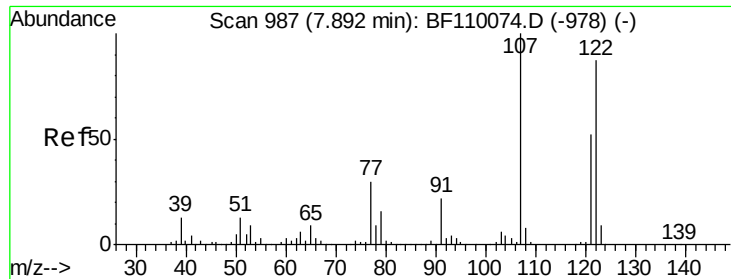
Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:	139	Resp:	119380
Ion Ratio	Lower	Upper	
139	100		
109	29.8	25.0	37.6
65	52.9	44.0	66.0





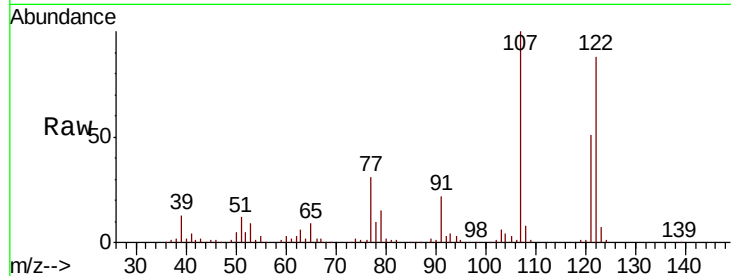
#27
2,4-Dimethylphenol
Concen: 44.402 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	259741		
107	113.6	92.5	138.7	
121	57.7	45.8	68.8	

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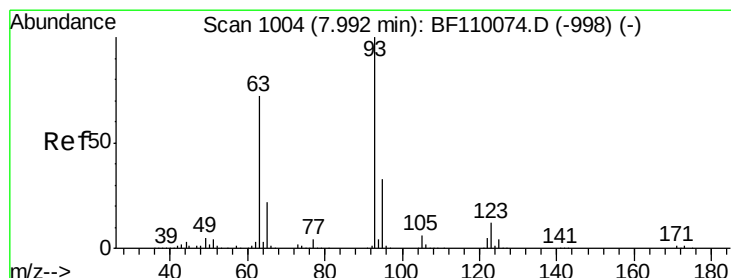
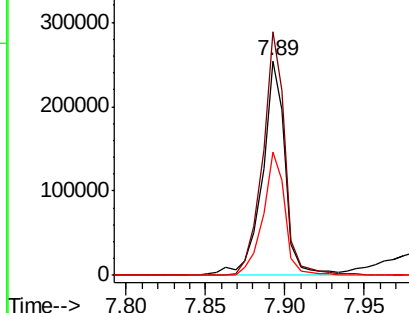
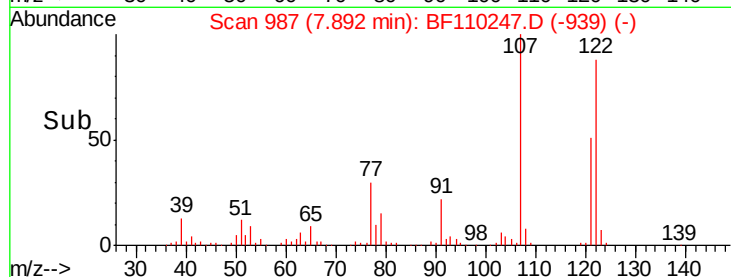


Abundance

Ion 122.00 (121.70 to 122.70): E

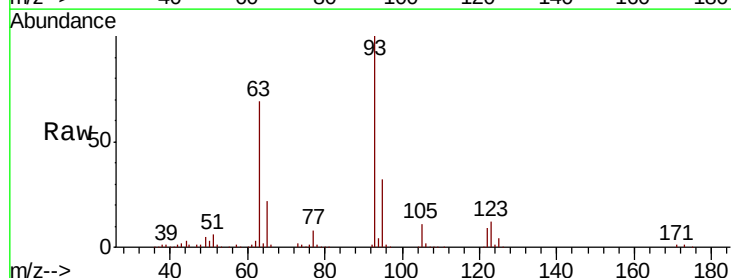
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.185 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	325879		
95	32.2	26.4	39.6	
123	12.0	9.0	13.6	

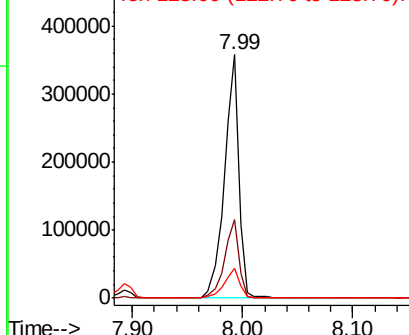
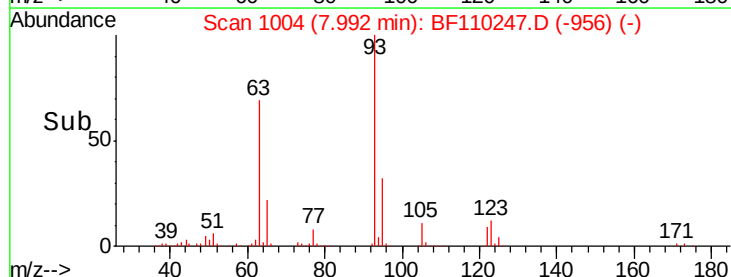


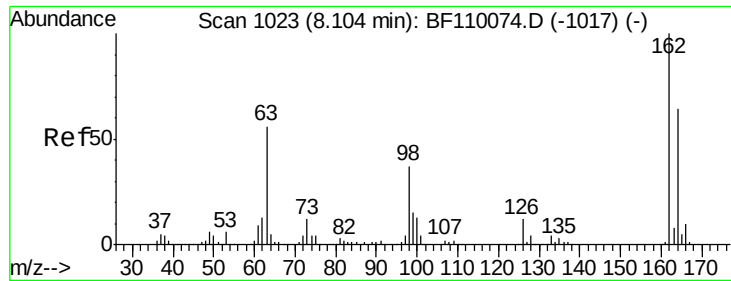
Abundance

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





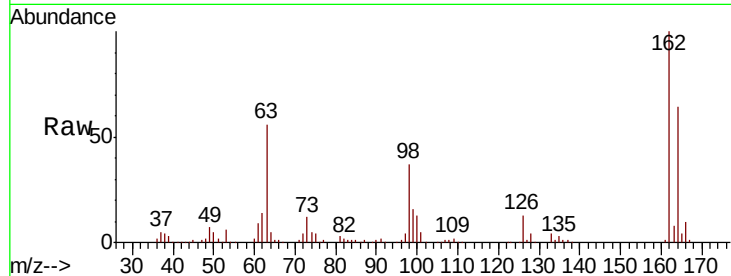
#29
2,4-Dichlorophenol
Concen: 38.043 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	44.6	84.6
98	37.4	17.4	57.4

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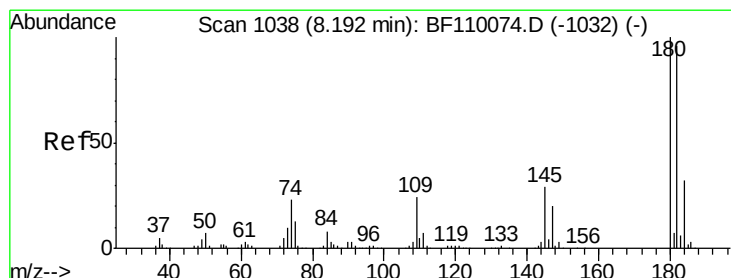
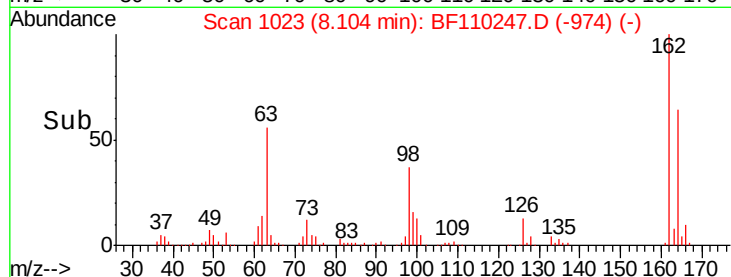
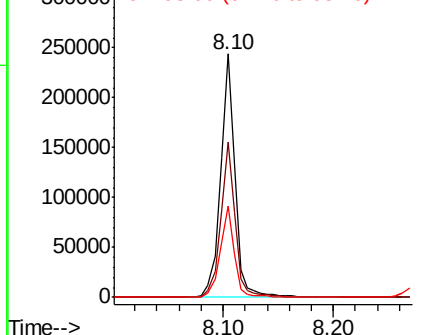


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.208 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

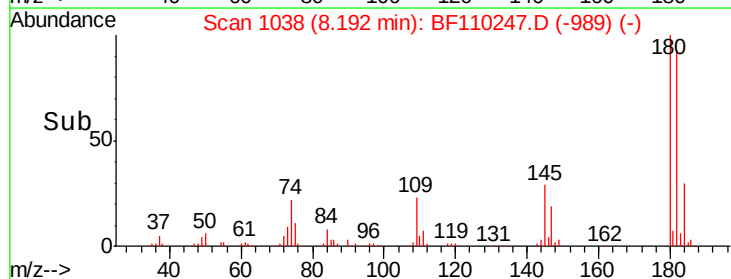
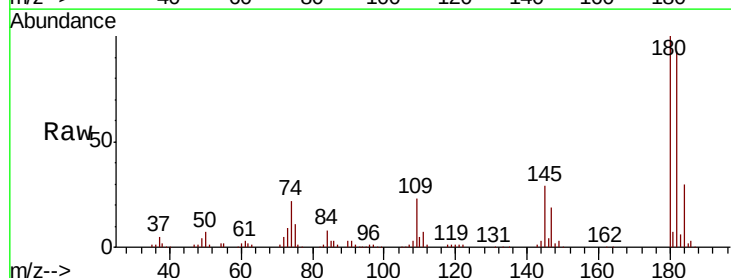
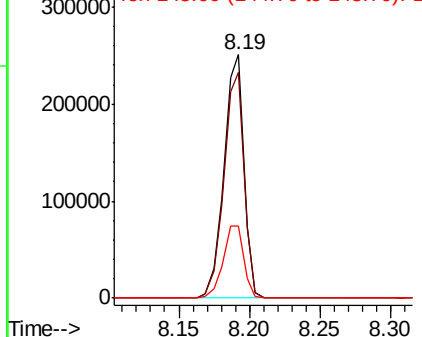
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.0	80.3	120.5
145	29.5	25.4	38.0

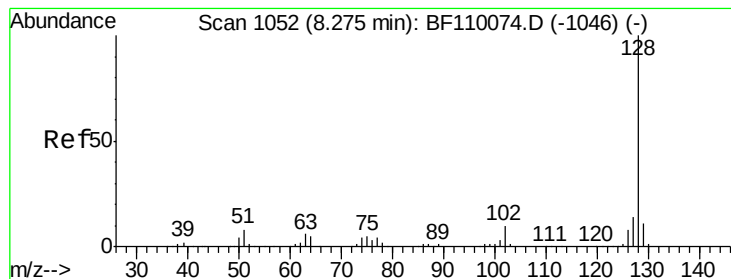
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.782 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

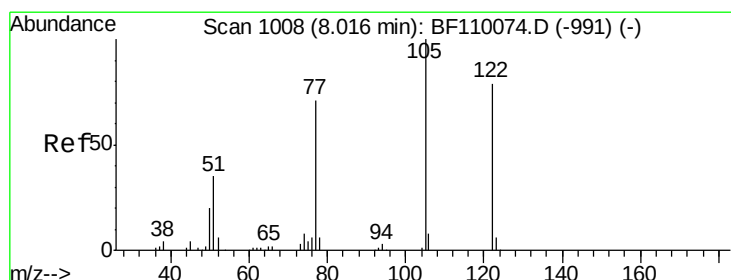
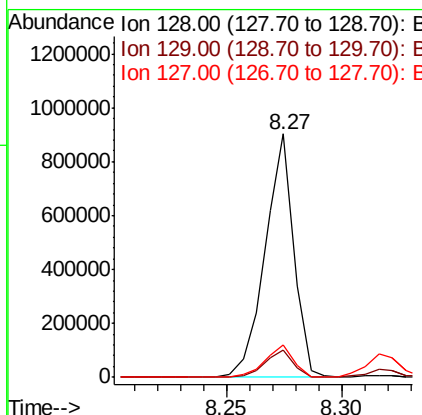
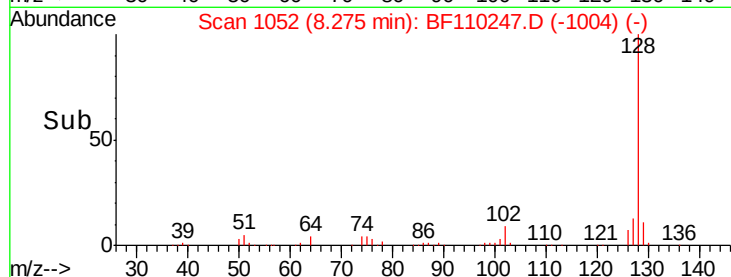
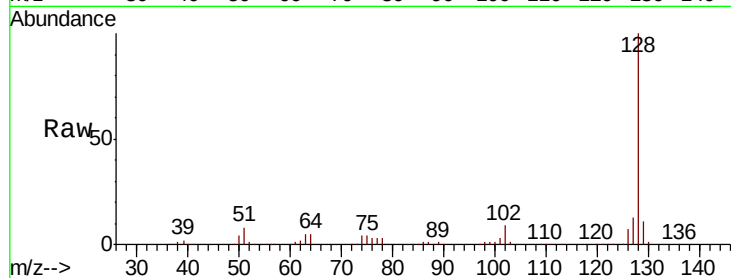
ClientSampleId :

PB114167BSD

Tot Ion:	128	Resp:	781011
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.1	10.8	16.2

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#32

Benzoic acid

Concen: 22.650 ng

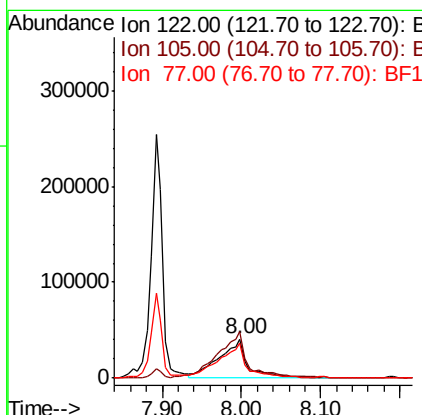
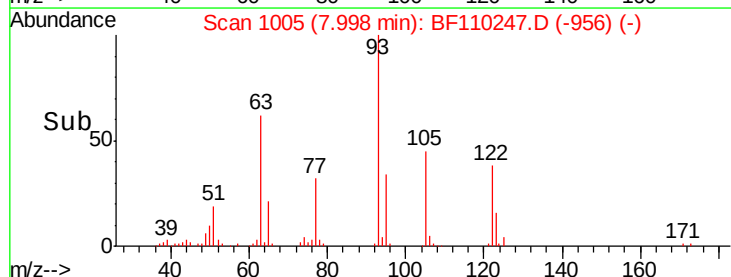
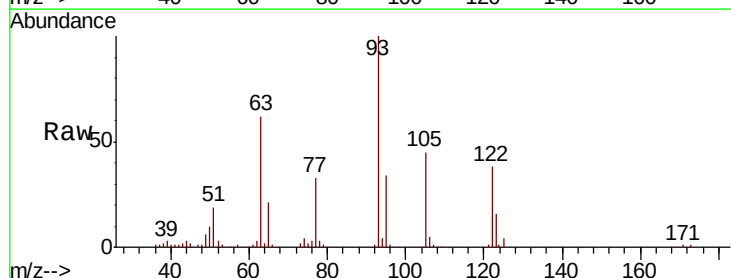
RT: 8.00 min Scan# 1005

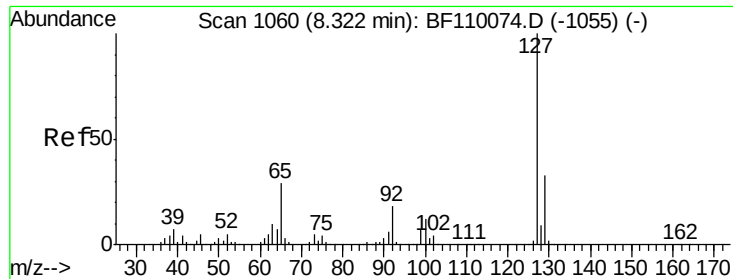
Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:	122	Resp:	102408
Ion Ratio	Lower	Upper	
122	100		
105	119.2	109.0	149.0
77	88.7	79.0	119.0





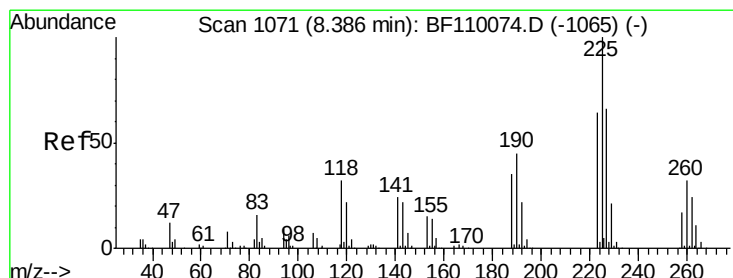
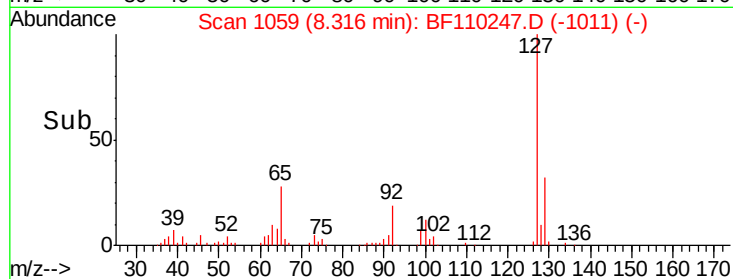
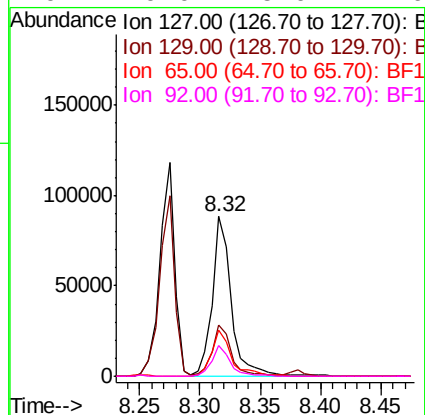
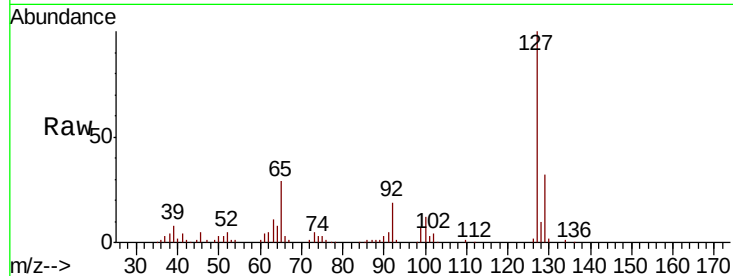
#33
4-Chloroaniline
Concen: 10.982 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		97033		
129	32.3	26.0	39.0		
65	28.8	25.1	37.7		
92	19.0	15.0	22.6		

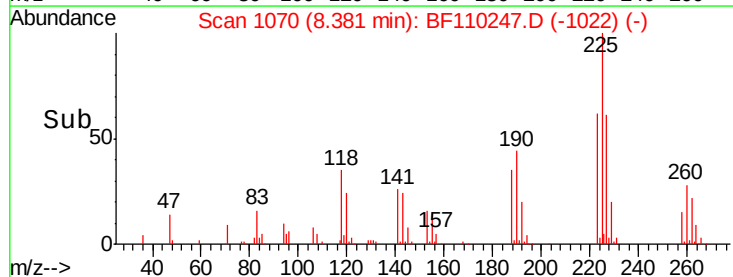
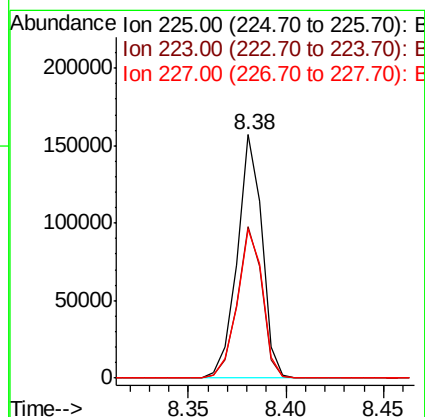
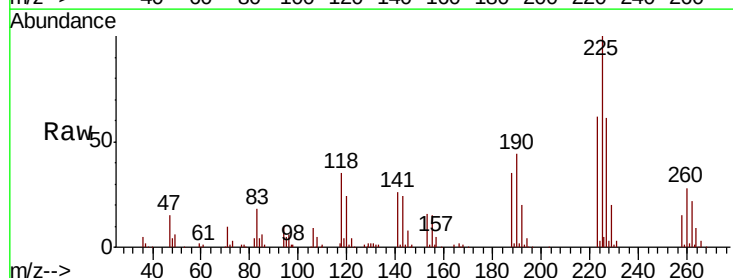
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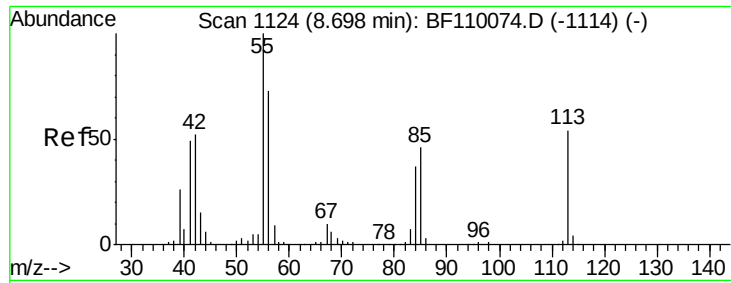
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#34
Hexachlorobutadiene
Concen: 37.533 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		137956		
223	62.2	51.4	77.2		
227	60.9	51.0	76.6		





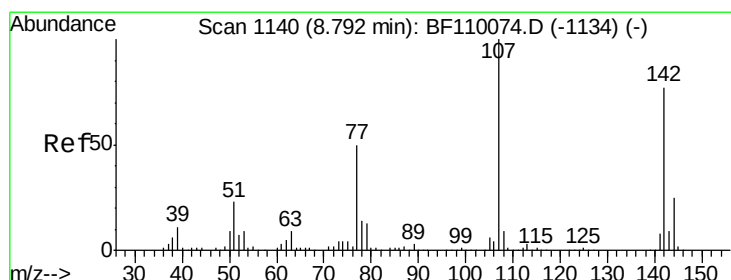
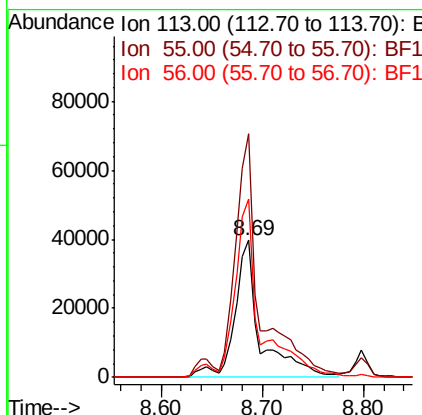
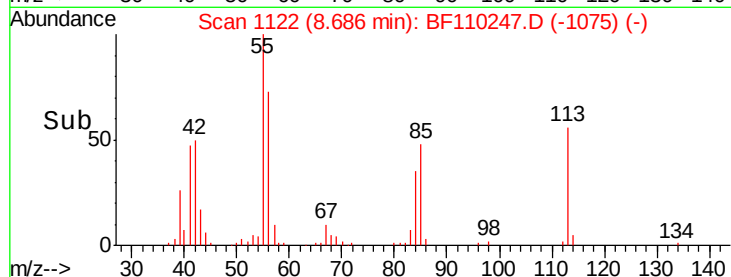
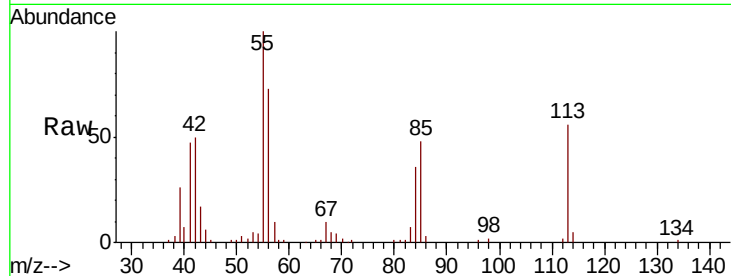
#35
 Caprolactam
 Concen: 33.486 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.0	142.8	182.8
56	130.5	105.0	145.0

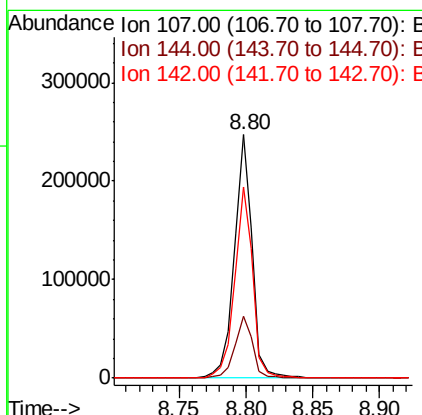
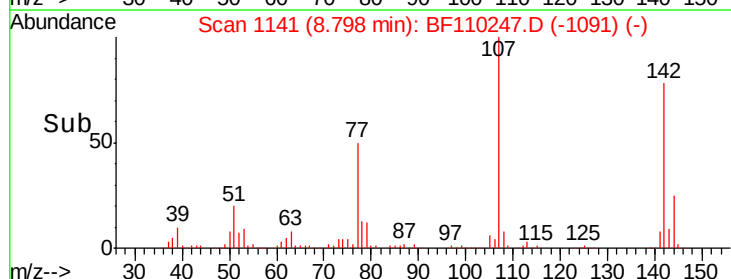
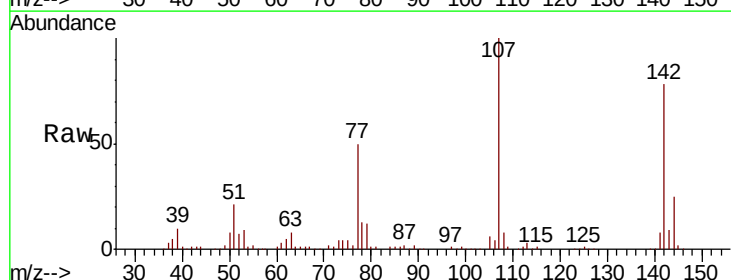
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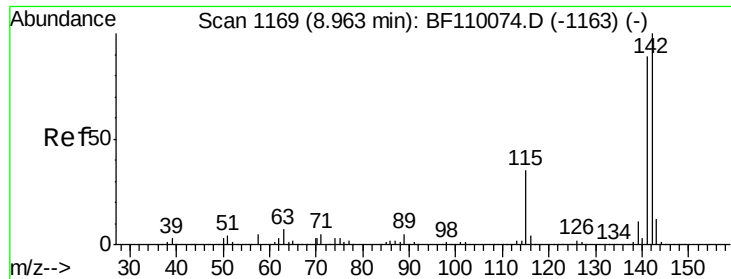
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#36
 4-Chloro-3-methylphenol
 Concen: 36.198 ng/ml
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.0	30.0
142	78.3	59.7	89.5





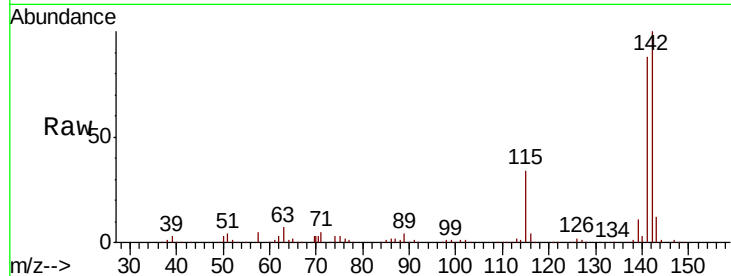
#37
2-Methylnaphthalene
Concen: 40.418 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.2
115	34.0	28.7	43.1

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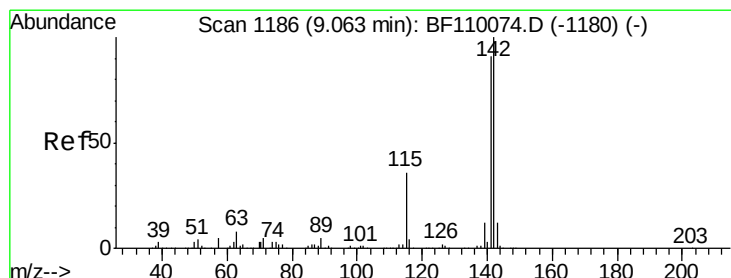
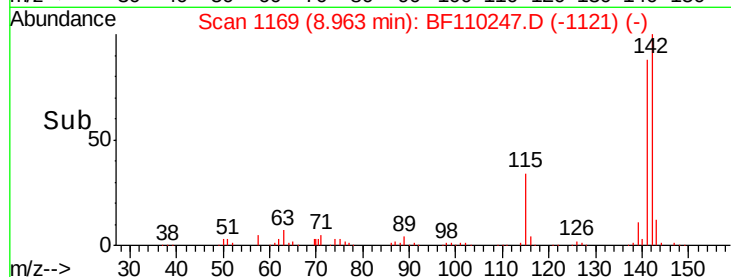
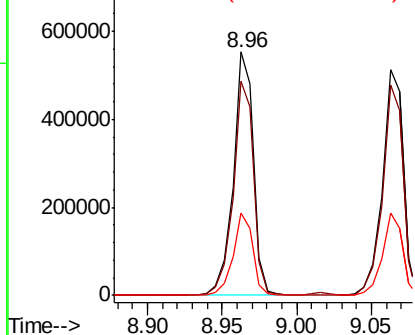


Abundance

Ion 142.00 (141.70 to 142.70): E

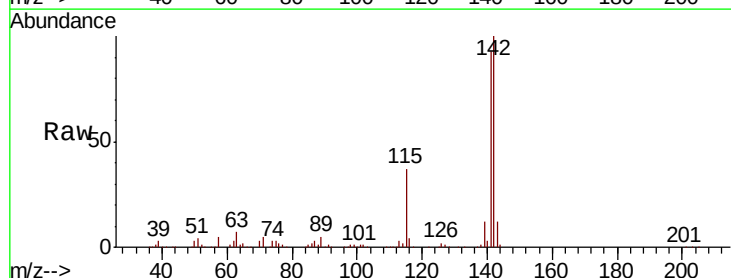
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.919 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4
116	3.9	2.6	4.0

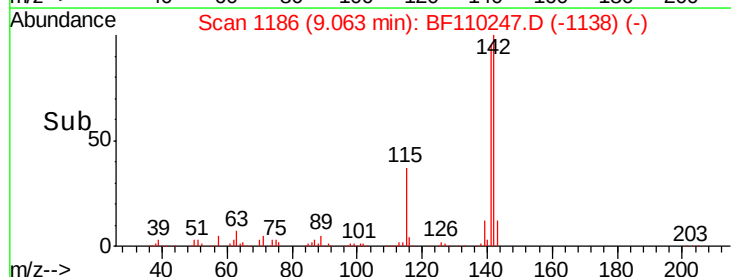
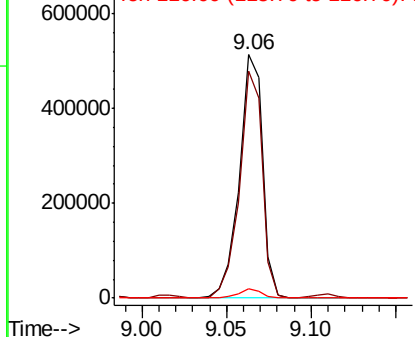


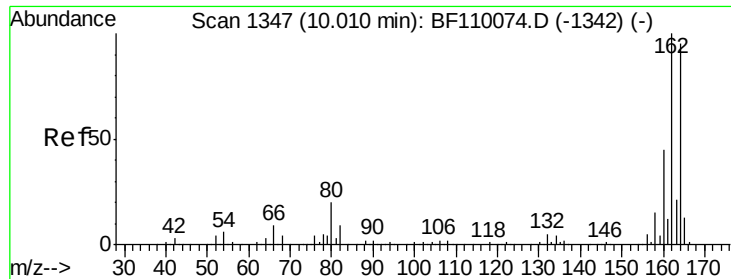
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





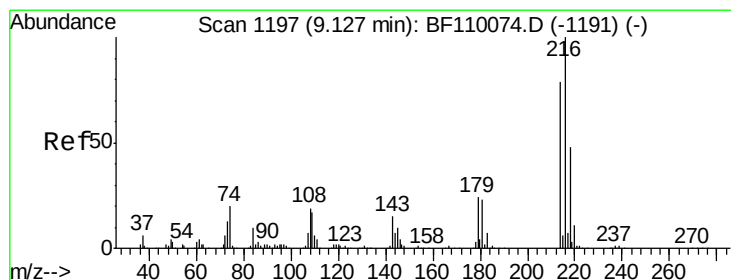
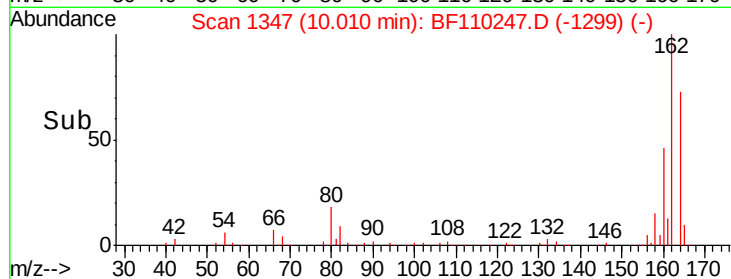
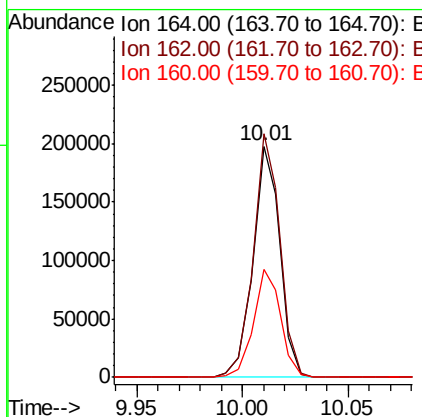
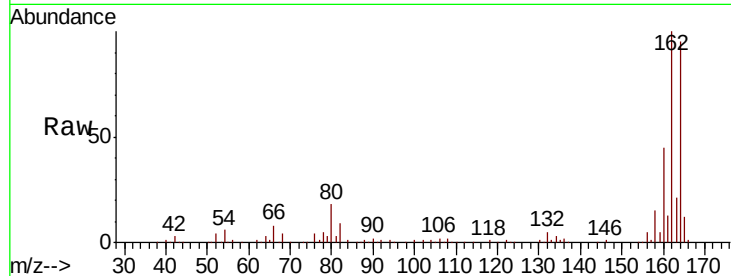
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.6
160	46.9	37.0	55.6

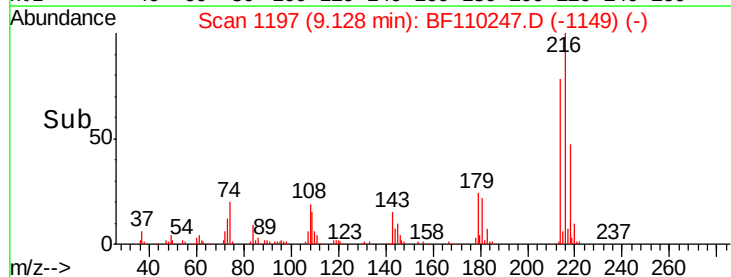
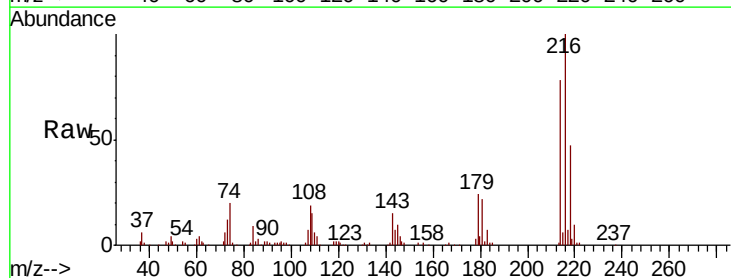
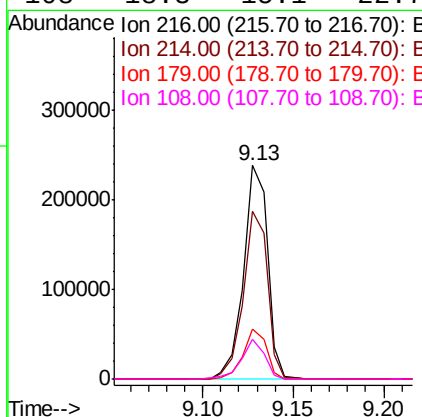
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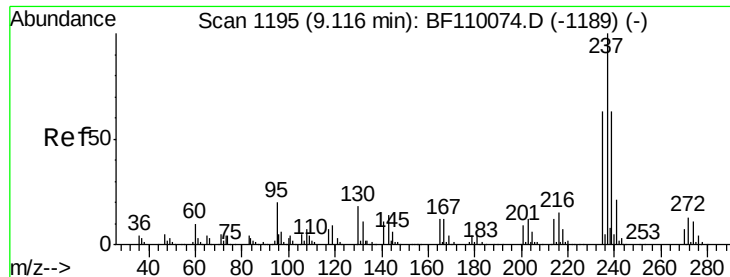
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.183 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.6	16.6	25.0
108	18.3	15.1	22.7





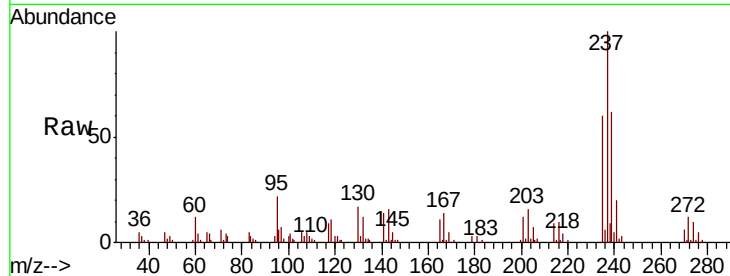
#41
Hexachlorocyclopentadiene
Concen: 21.874 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

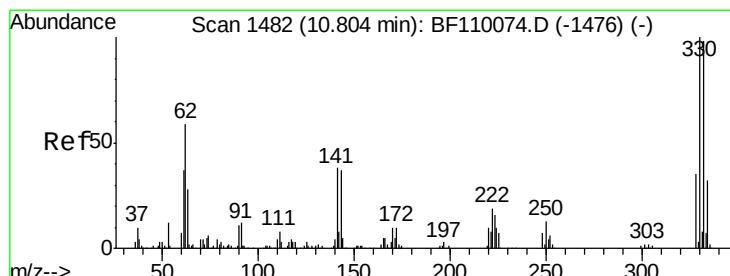
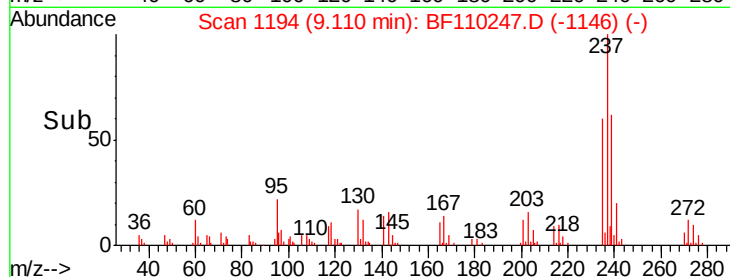
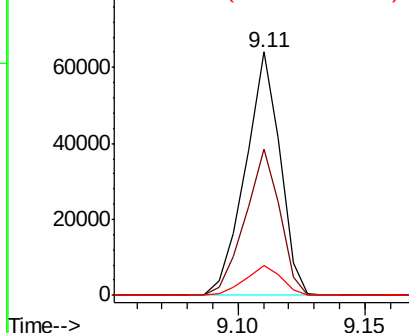
Tot Ion:	237	Resp:	60983
Ion Ratio	Lower	Upper	
237	100		
235	60.1	43.1	83.1
272	12.4	0.0	32.6

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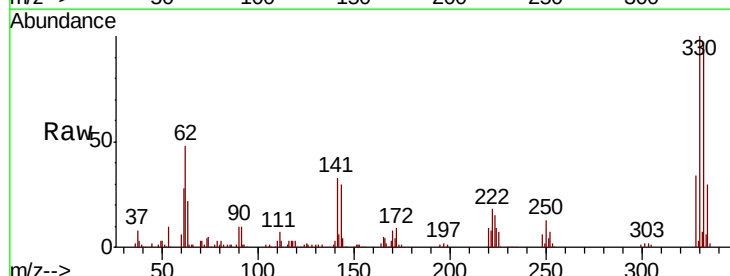


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

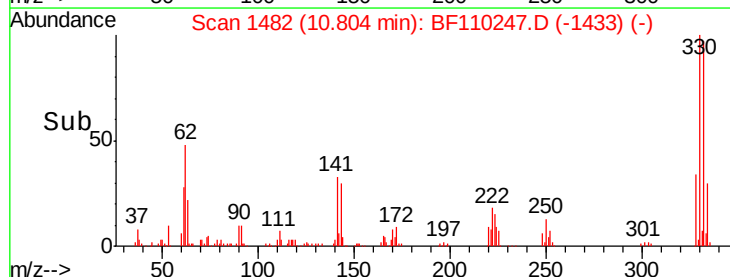
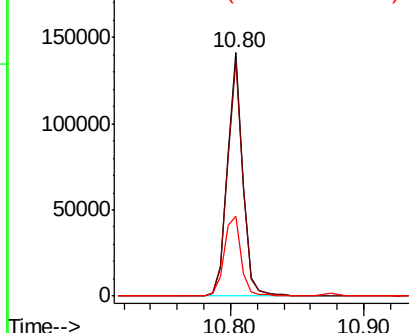


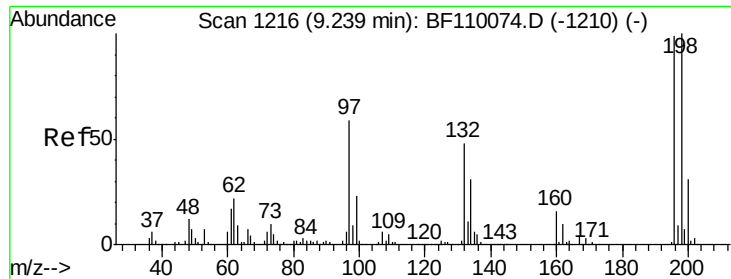
#42
2,4,6-Tribromophenol
Concen: 66.231 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion:	330	Resp:	114801
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.1	115.7
141	36.4	27.0	40.4



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





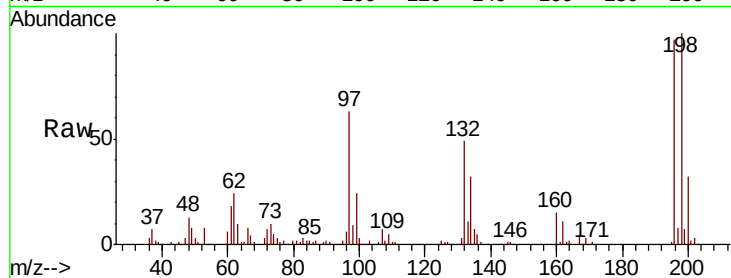
#43
 2,4,6-Trichlorophenol
 Concen: 38.536 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.3	76.2	114.4	
200	33.1	24.4	36.6	

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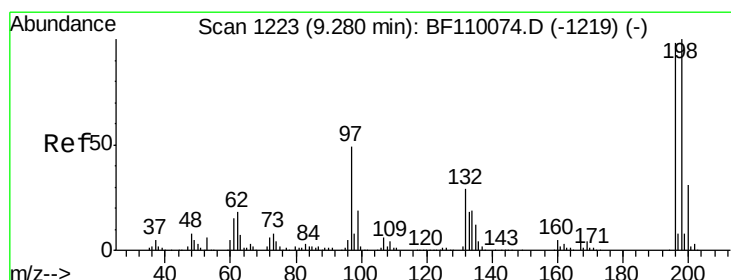
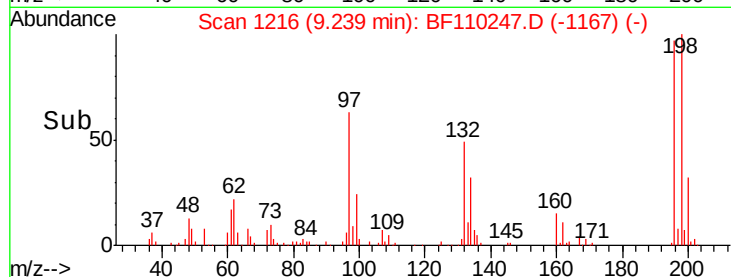
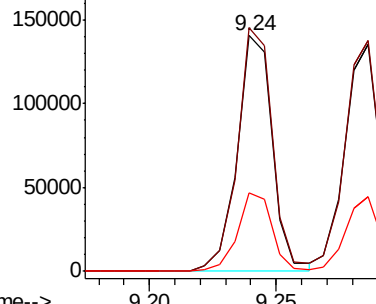


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.945 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.2	75.8	113.6	
97	46.2	42.4	63.6	
132	27.5	22.8	34.2	

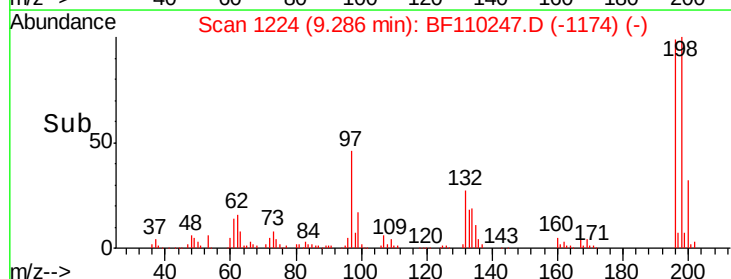
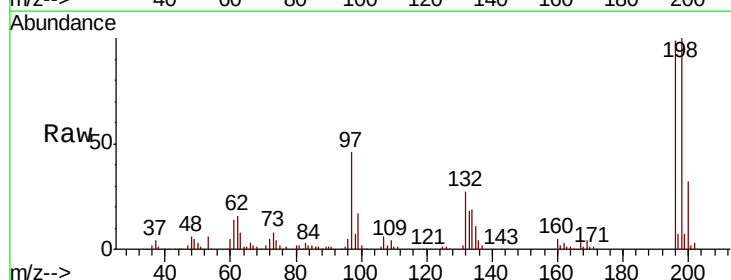
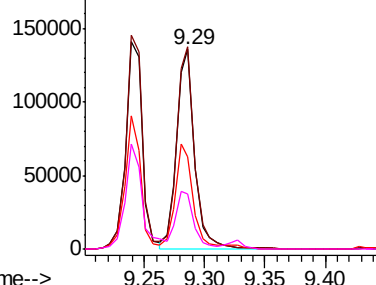
Abundance

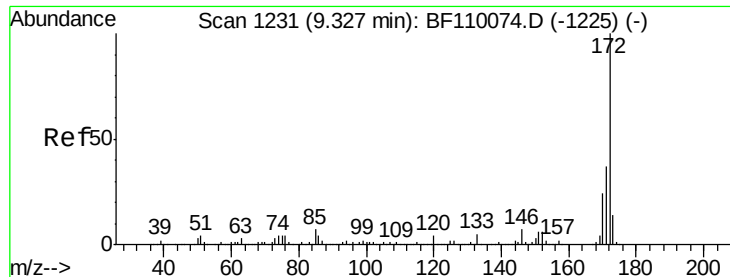
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





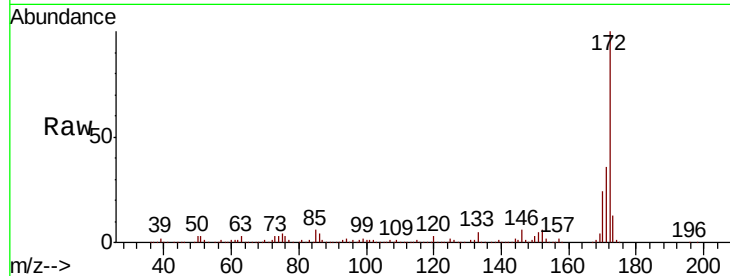
#45
2-Fluorobiphenyl
Concen: 93.904 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	19.7	29.5

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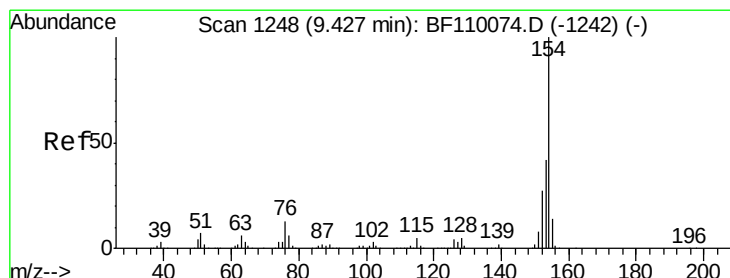
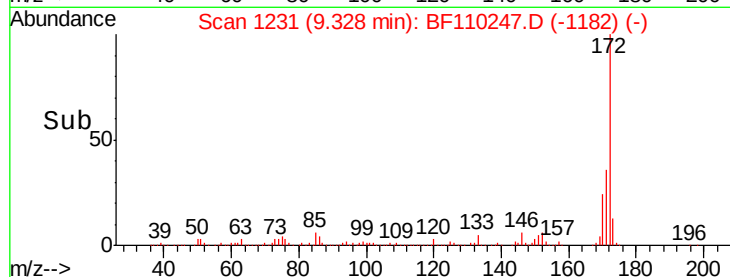
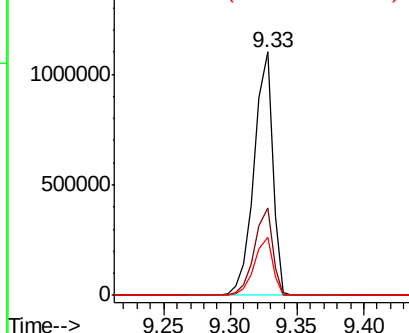


Abundance

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: 39.286 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

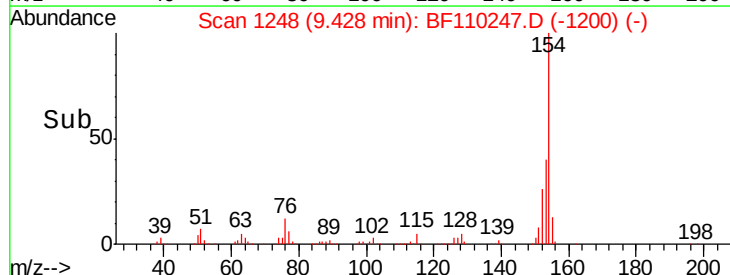
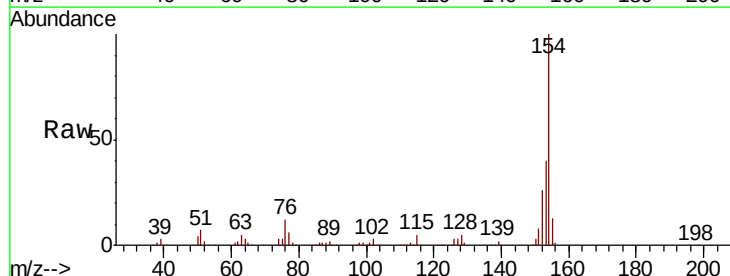
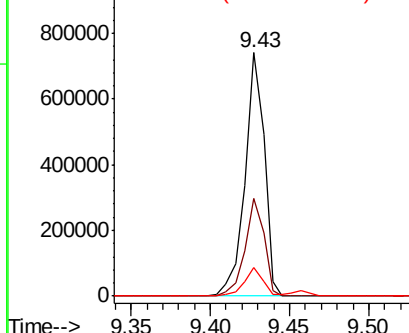
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.4	60.4
76	11.7	0.0	31.9

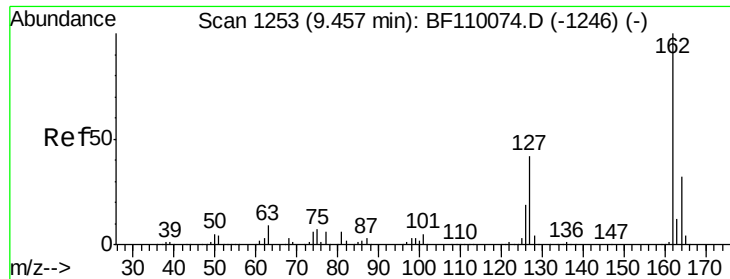
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





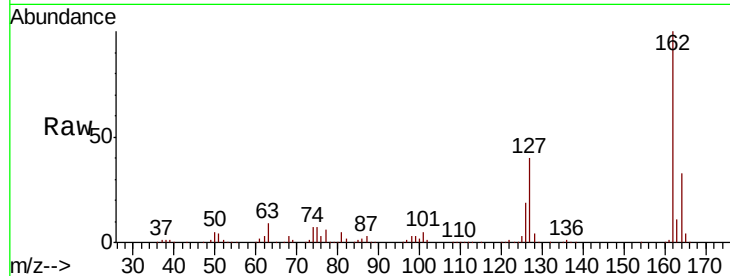
#47
 2-Chloronaphthalene
 Concen: 39.127 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.6	48.8
164	33.0	25.9	38.9

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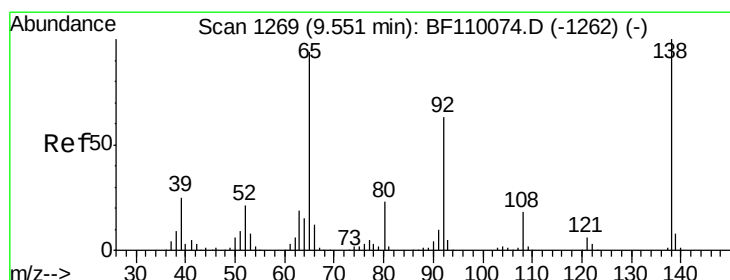
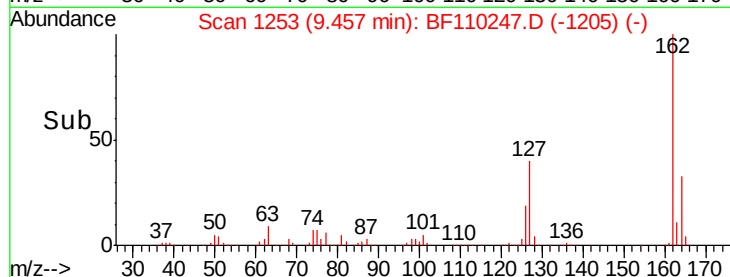
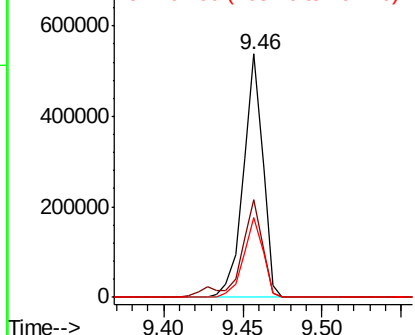


Abundance

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: 40.557 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

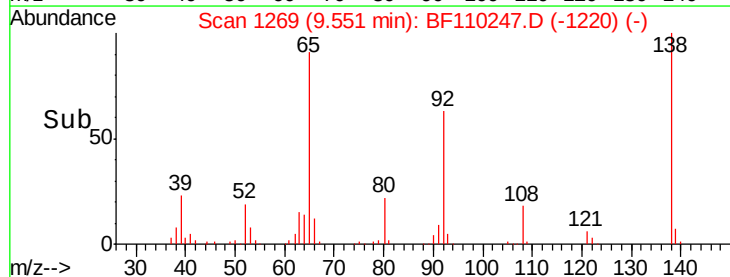
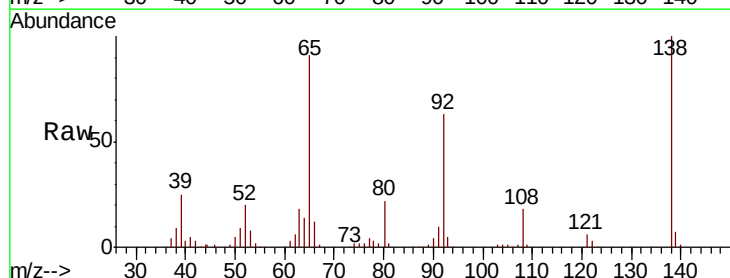
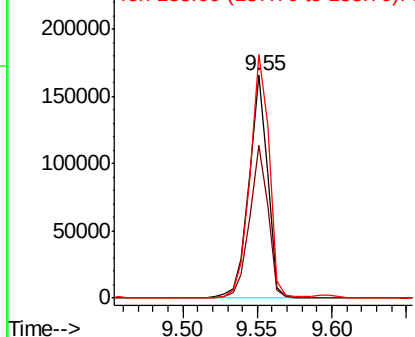
Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	54.6	81.8
138	109.3	80.3	120.5

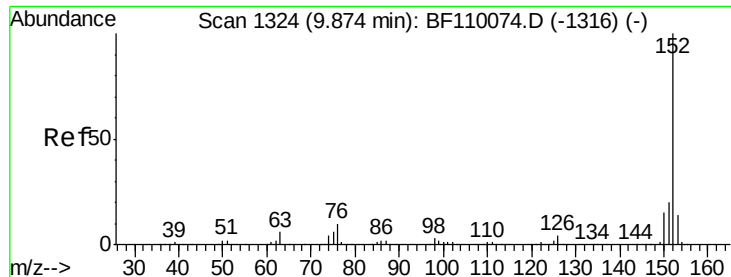
Abundance

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: 40.969 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

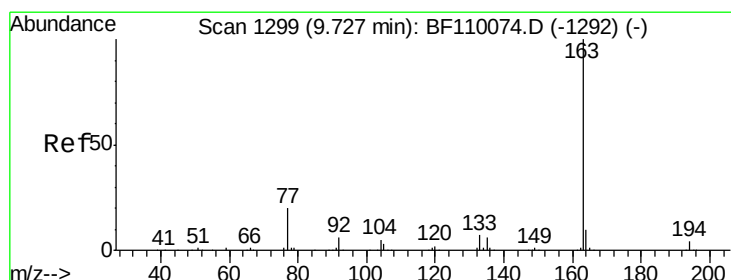
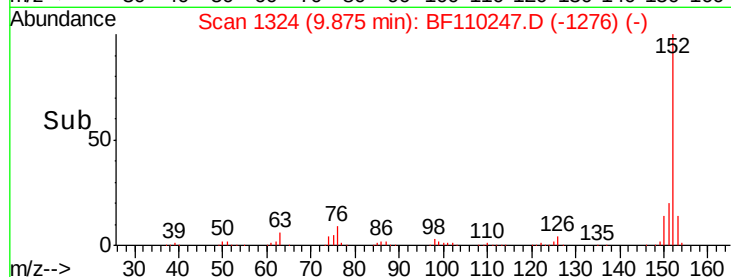
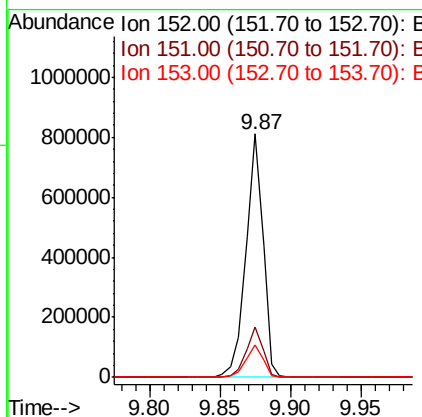
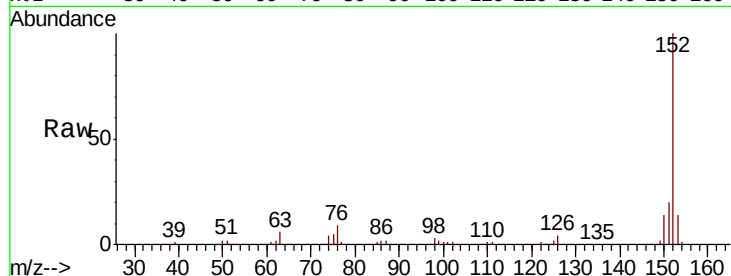
ClientSampleId :

PB114167BSD

Tot Ion:	152	Resp:	686847
Ion Ratio		Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.6	10.4	15.6

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#50

Dimethylphthalate

Concen: 42.881 ng

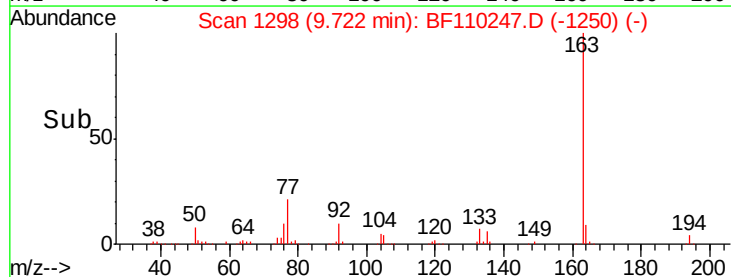
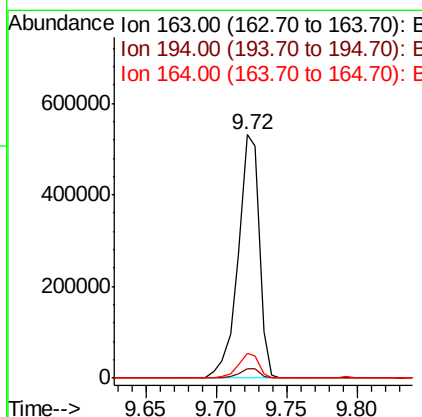
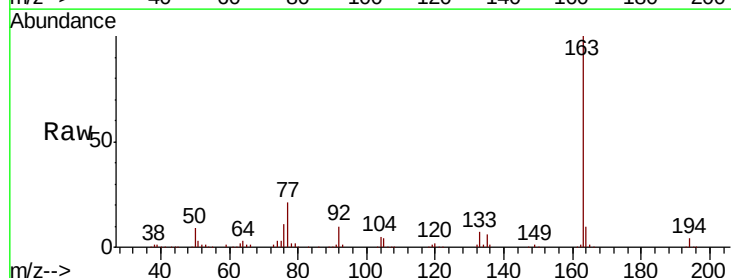
RT: 9.72 min Scan# 1298

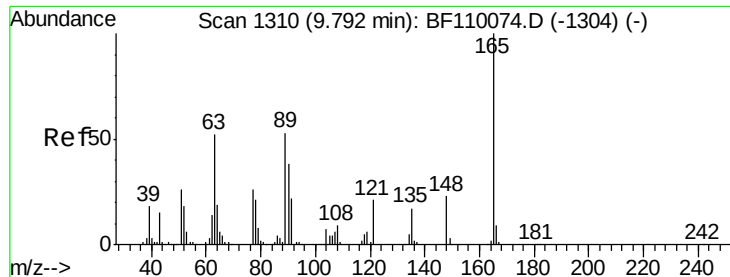
Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:	163	Resp:	553888
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: 38.005 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

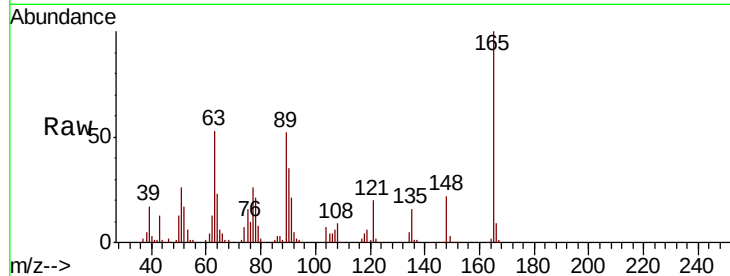
ClientSampleId :

PB114167BSD

Tot Ion:	165	Resp:	105744
Ion Ratio	Lower	Upper	
165	100		
63	52.6	48.9	73.3
89	51.8	46.6	69.8

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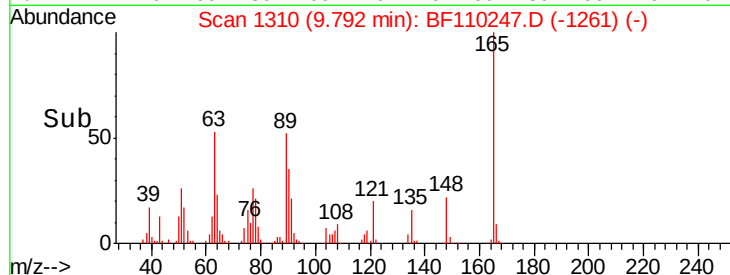


Abundance Ion 165.00 (164.70 to 165.70): E

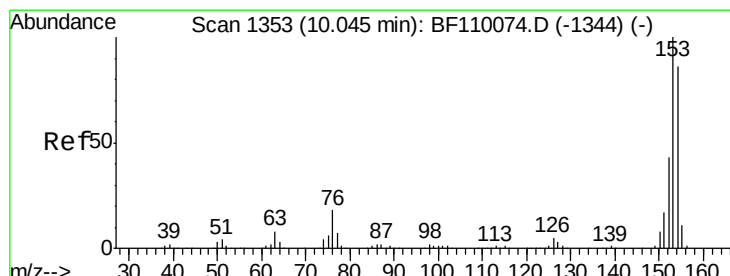
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 37.479 ng

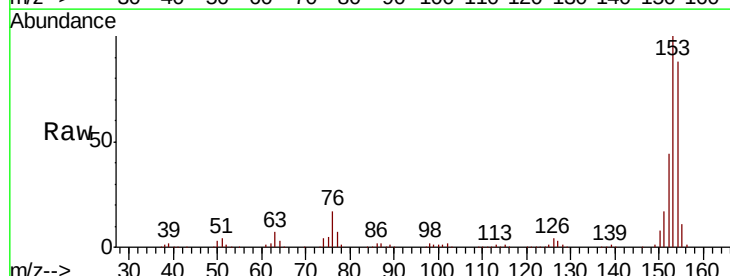
RT: 10.05 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:	154	Resp:	415673
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.1	135.1
152	50.1	43.4	65.2

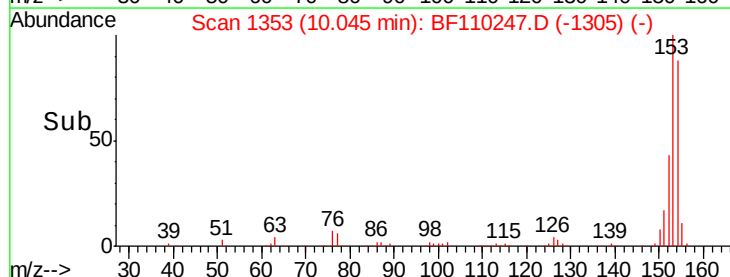


Abundance Ion 154.00 (153.70 to 154.70): E

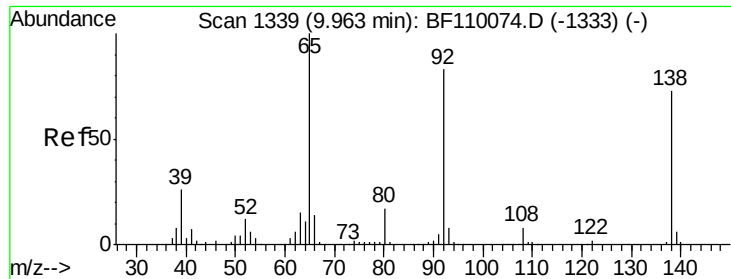
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



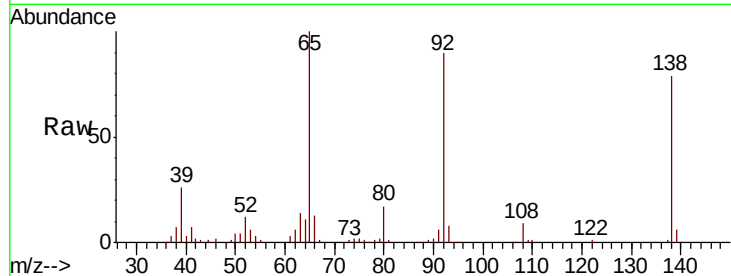
#53
3-Nitroaniline
Concen: 27.461 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.7	13.1
92	114.0	97.0	145.4

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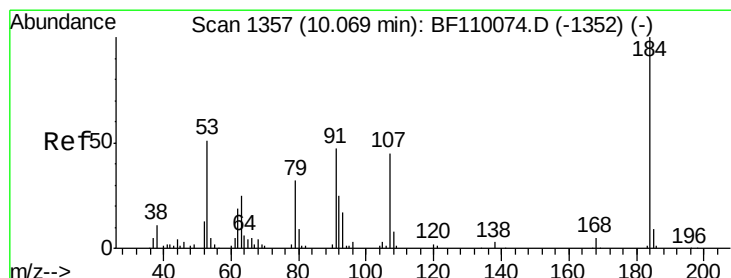
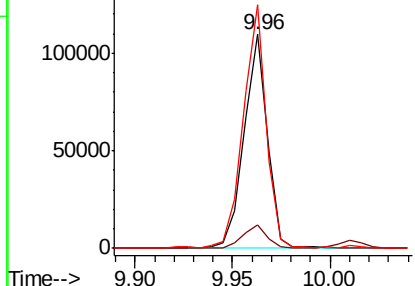
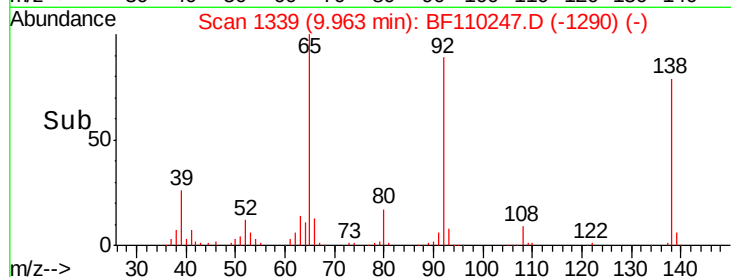


Abundance

Ion 138.00 (137.70 to 138.70): E

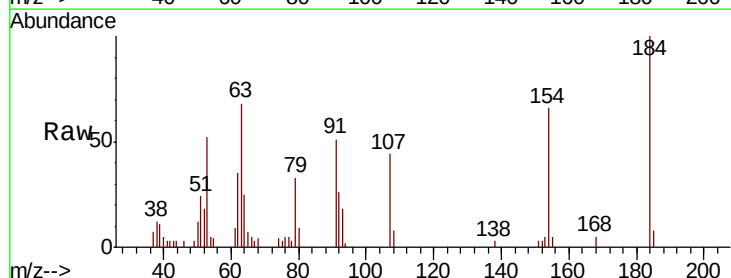
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 15.535 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	55.8	83.6
154	66.1	63.2	94.8

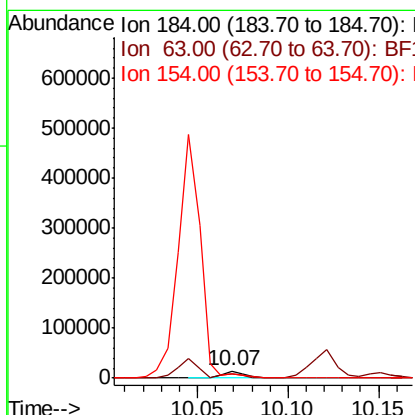
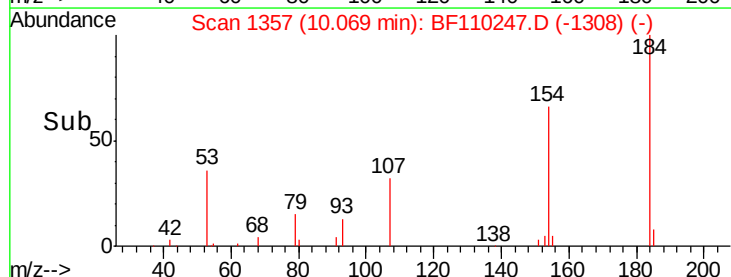


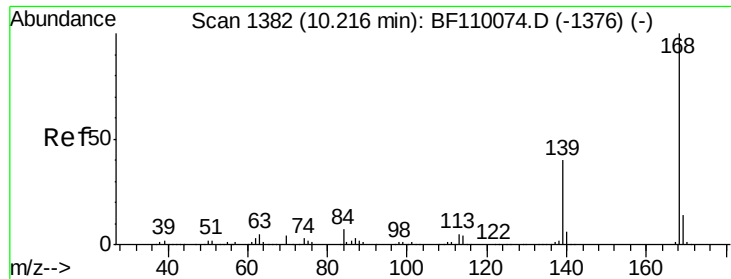
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





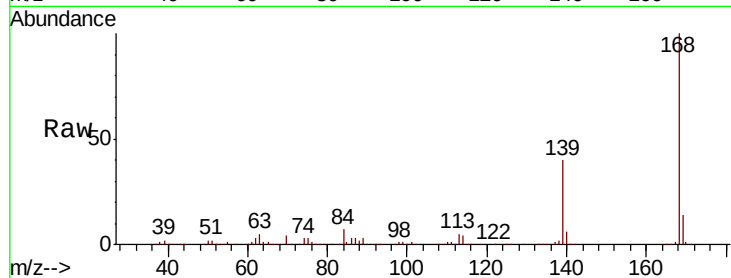
#55
Dibenzenofuran
Concen: 37.831 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	33.0	49.6
169	13.8	11.3	16.9

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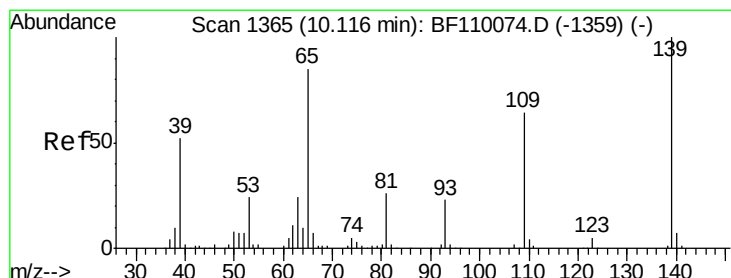
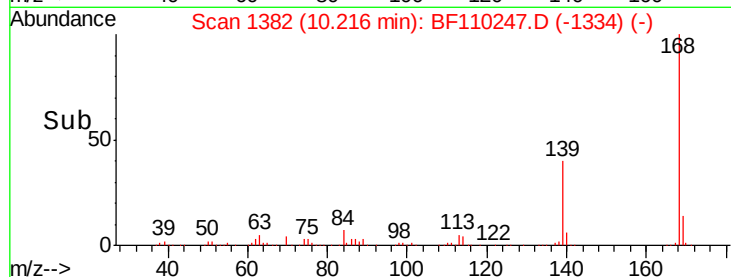
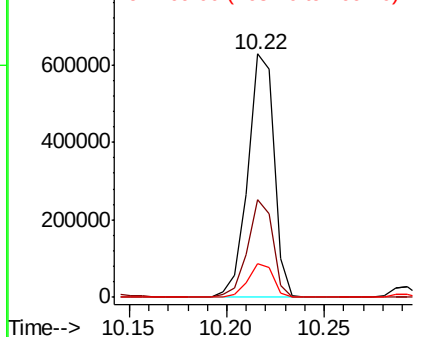


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 82.515 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

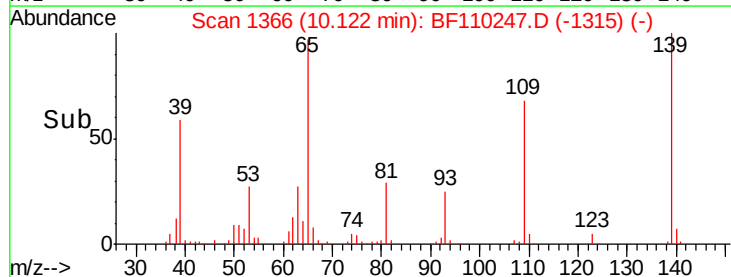
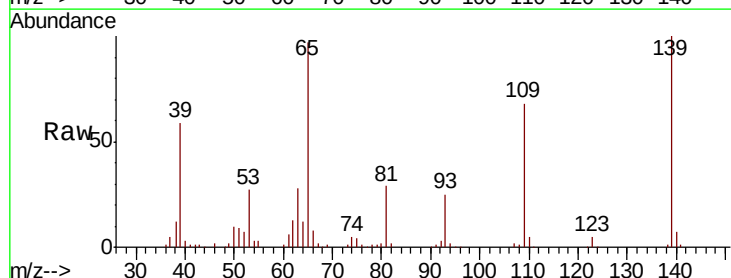
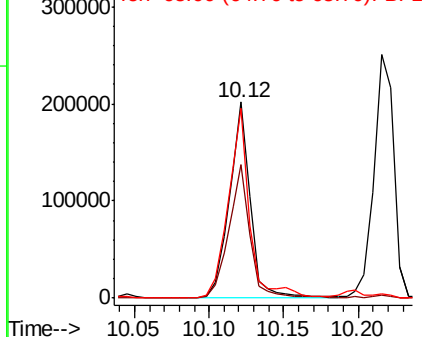
Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.3	55.8	95.8
65	96.6	77.9	117.9

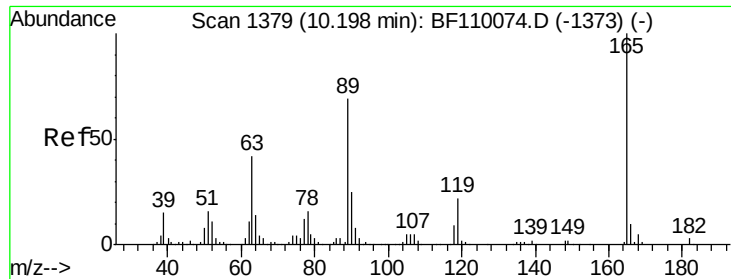
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





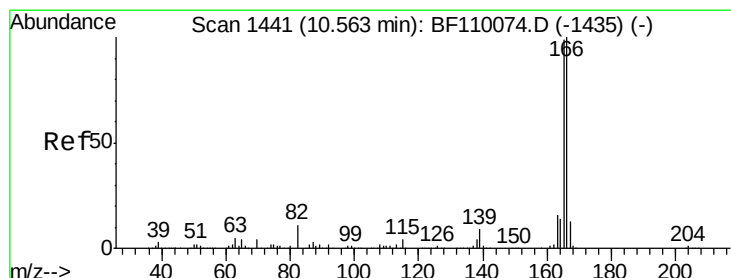
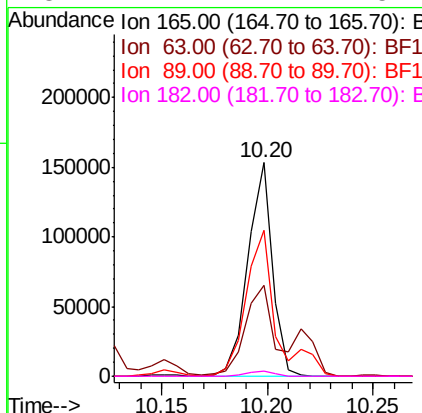
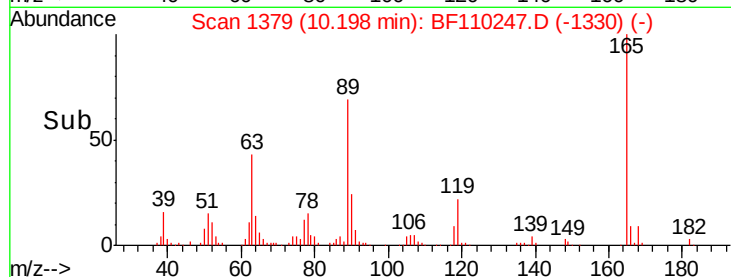
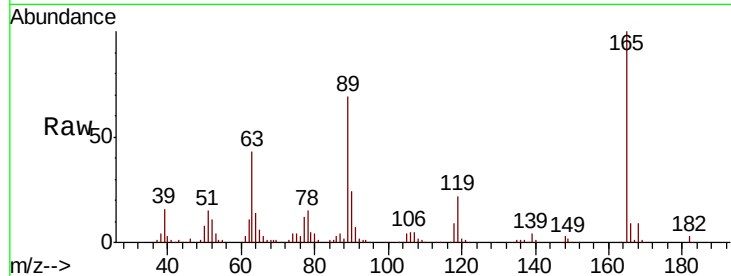
#57
2,4-Dinitrotoluene
Concen: 35.136 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	42.6	44.8	67.2#
89	68.6	62.2	93.4
182	2.7	2.1	3.1

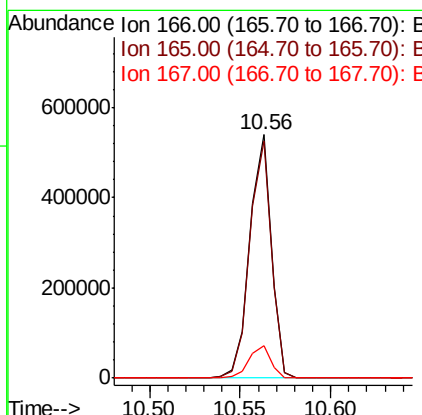
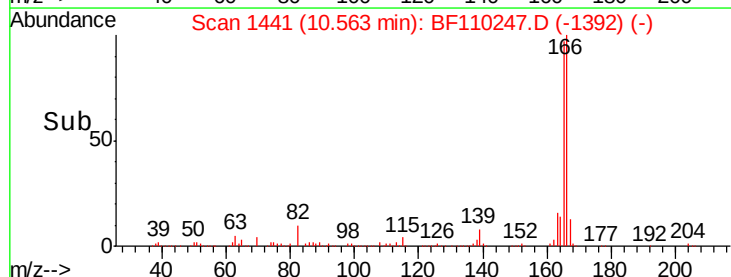
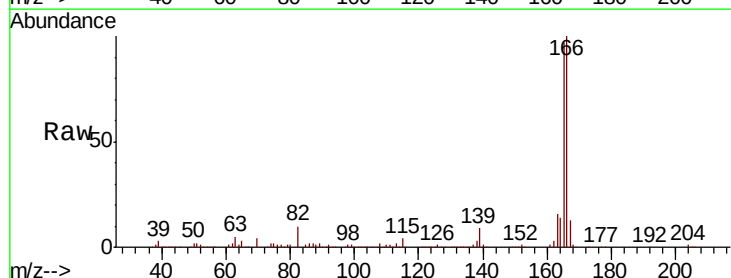
Manual Integrations
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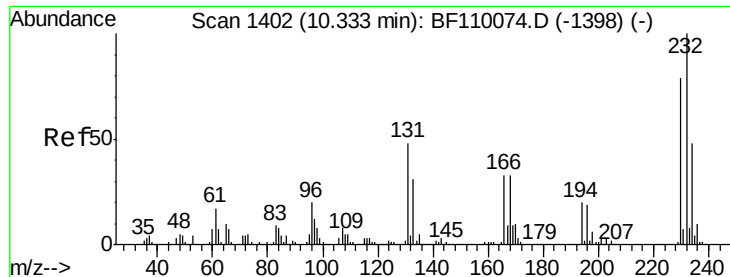
Sohil
10/29/2018 11:56:50 AM



#58
Fluorene
Concen: 38.741 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.2	78.6	117.8
167	13.3	10.8	16.2





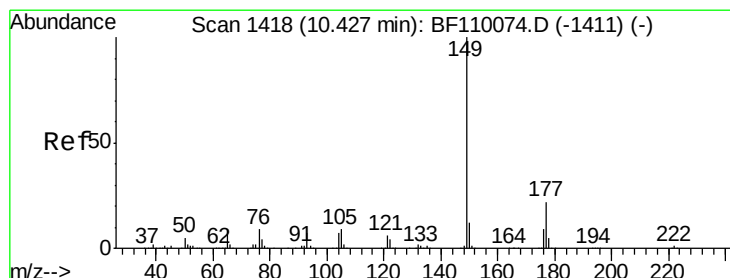
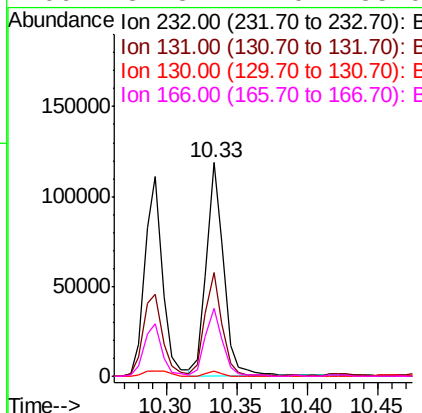
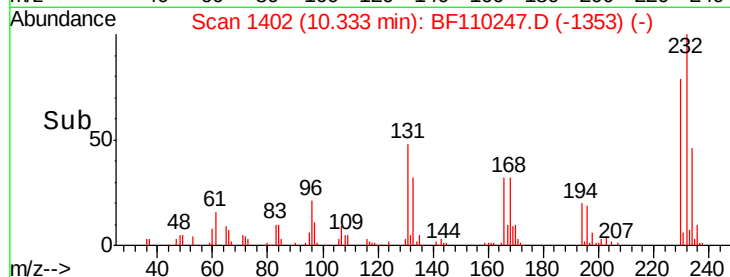
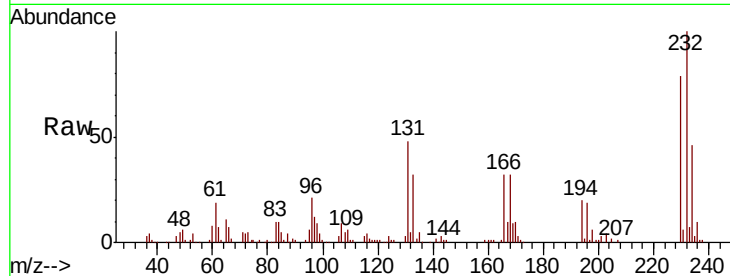
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.702 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	48.8		37.0	55.4	
130	2.3		1.8	2.6	
166	32.3		22.0	33.0	

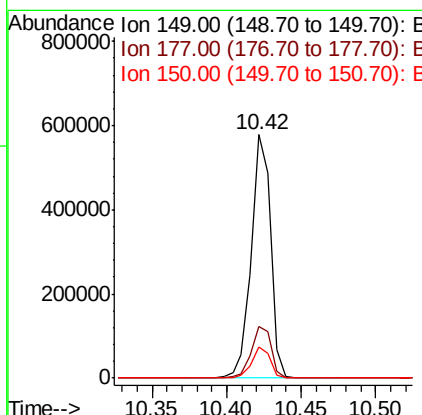
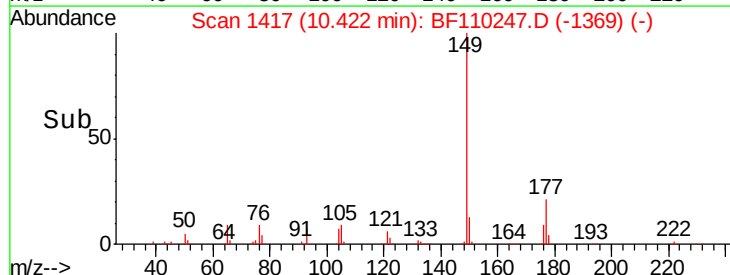
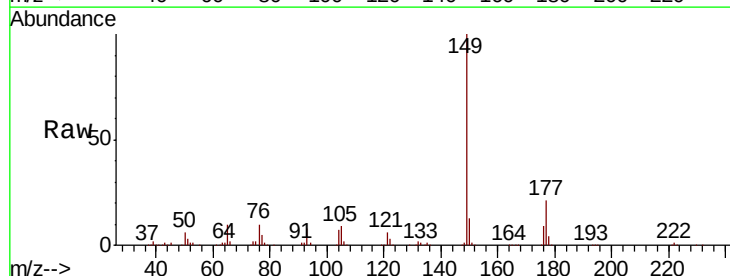
Manual Integrations
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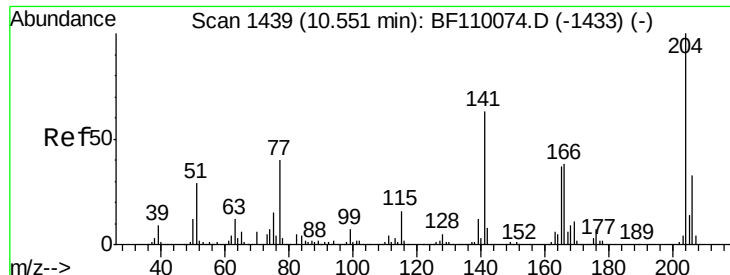
Sohil
 10/29/2018 11:56:50 AM



#60
 Diethylphthalate
 Concen: 40.915 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	21.2		17.4	26.2	
150	12.9		9.8	14.8	





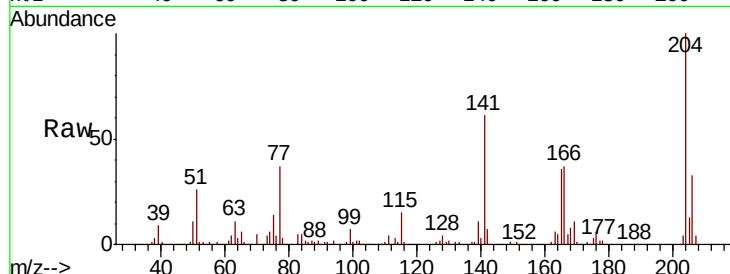
#61
 4-Chlorophenyl-phenylether
 Concen: 36.307 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	61.3	51.8	77.8

Manual Integrations
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Sohil
 10/29/2018 11:56:50 AM

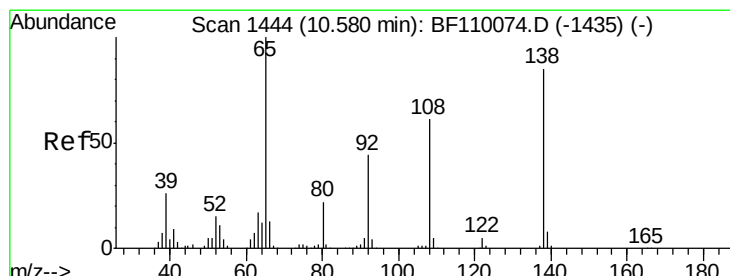
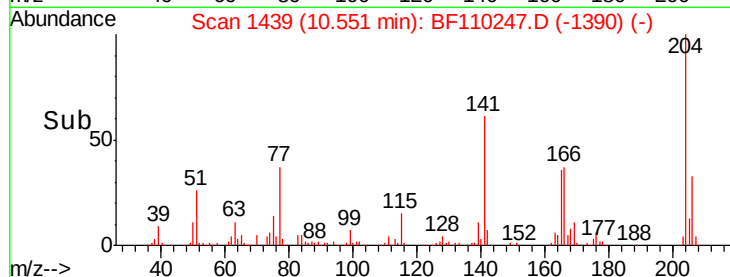
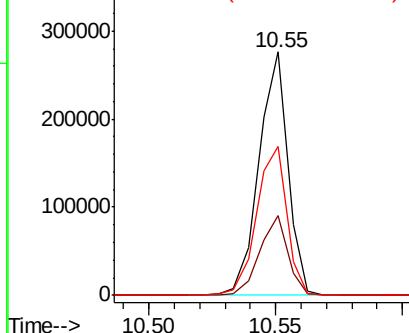


Abundance

Ion 204.00 (203.70 to 204.70): E

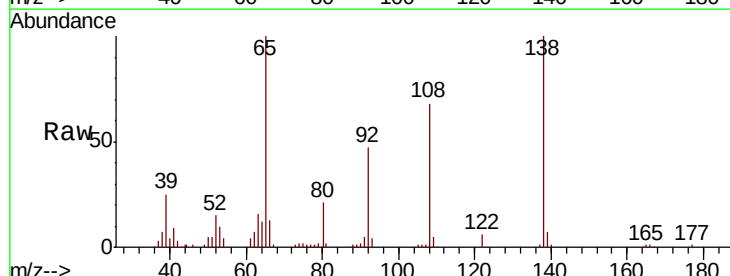
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 33.943 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	31.7	71.7
108	68.3	59.3	99.3

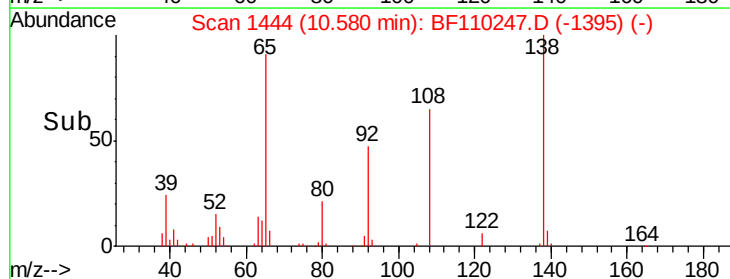
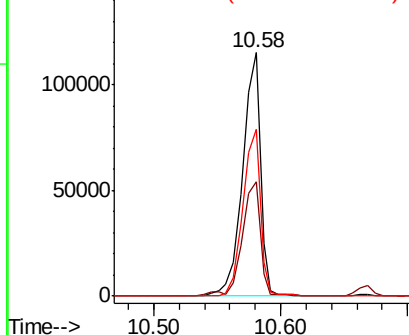


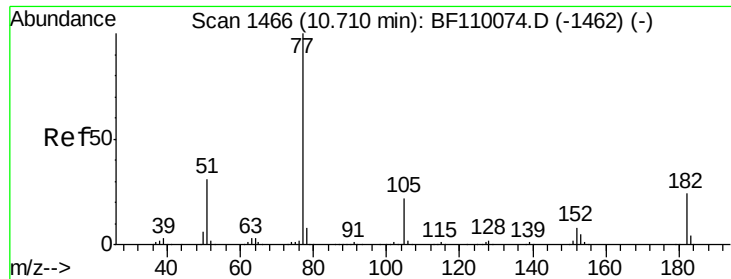
Abundance

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





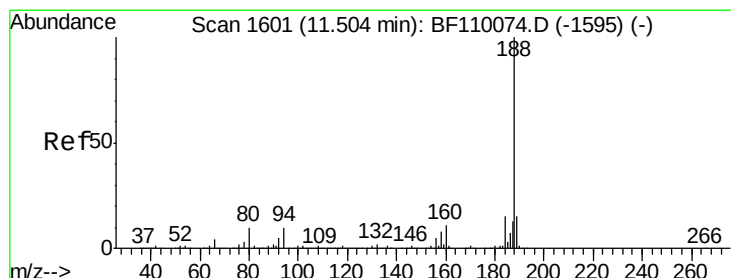
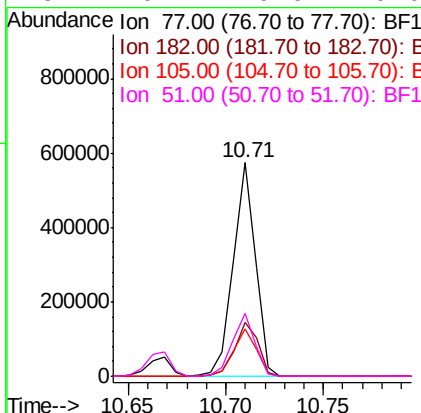
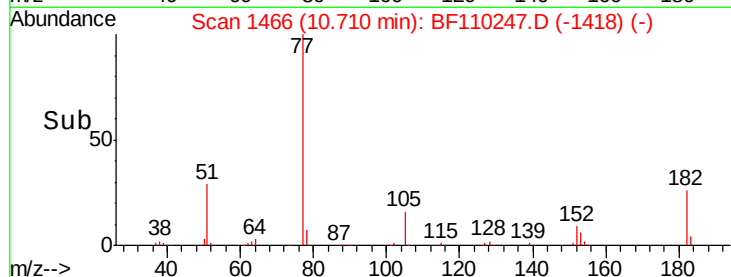
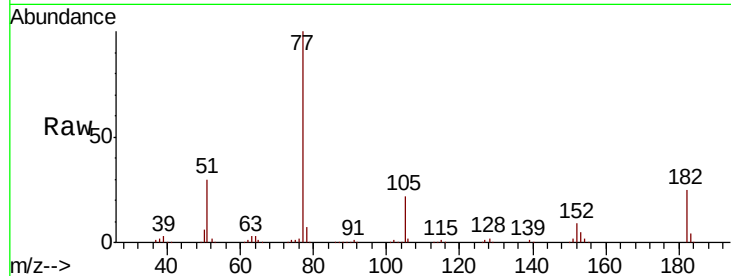
#63
Azobenzene
Concen: 36.275 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		454008		
182	25.4	4.3	44.3		
105	22.5	1.3	41.3		
51	29.7	9.0	49.0		

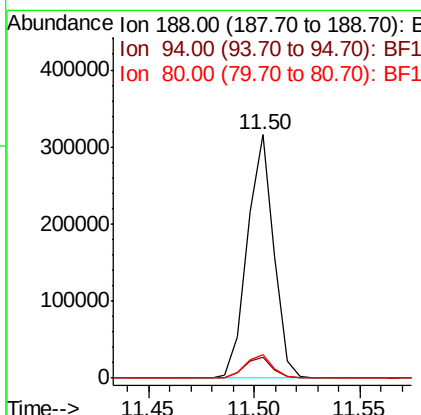
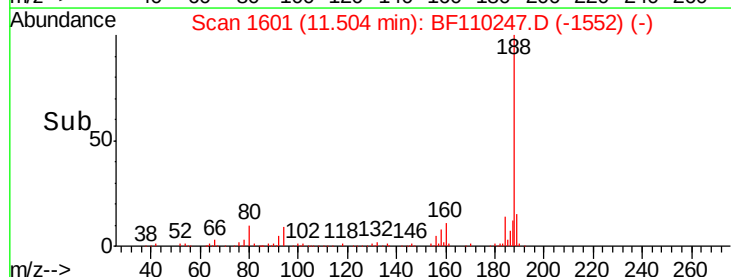
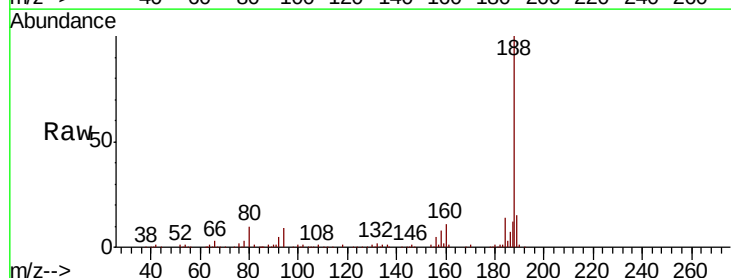
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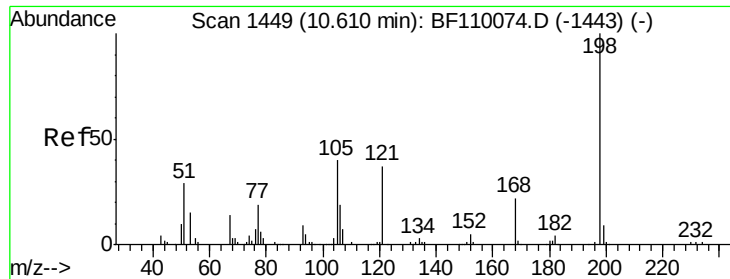
Sohil
10/29/2018 11:56:50 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		273955		
94	8.8	7.2	10.8		
80	9.6	7.9	11.9		





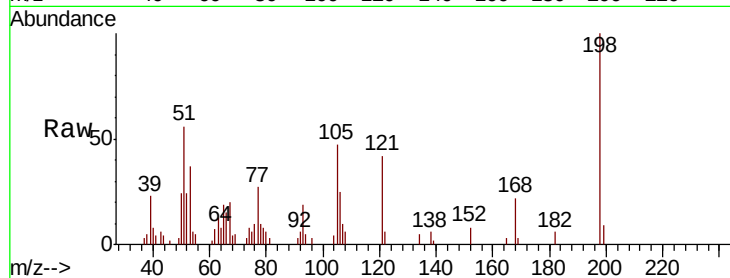
#65
4,6-Dinitro-2-methylphenol
Concen: 8.359 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampled :
PB114167BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.8	22.8	62.8
105	46.6	23.6	63.6

Manual Integrations
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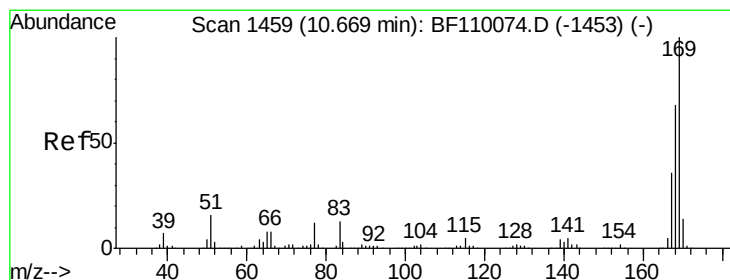
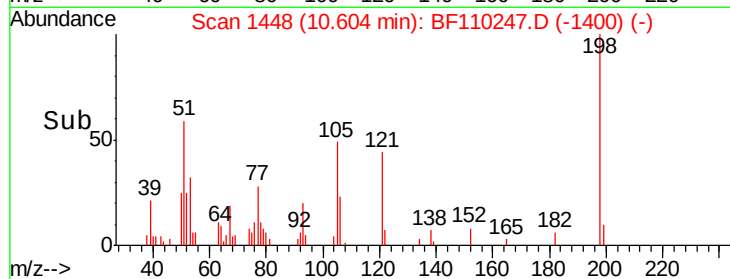
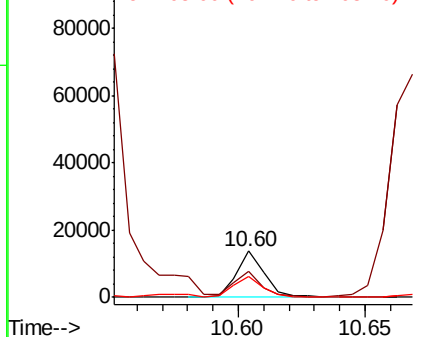


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 44.260 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

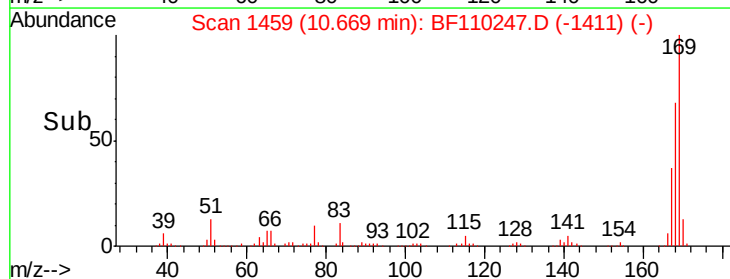
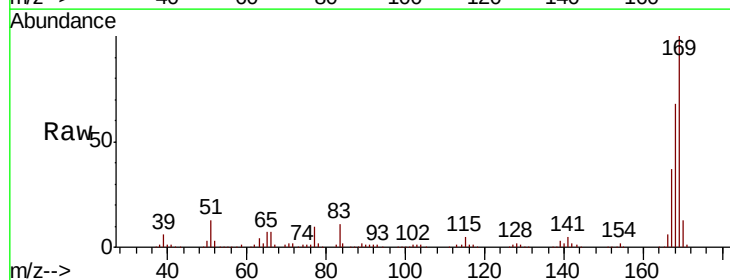
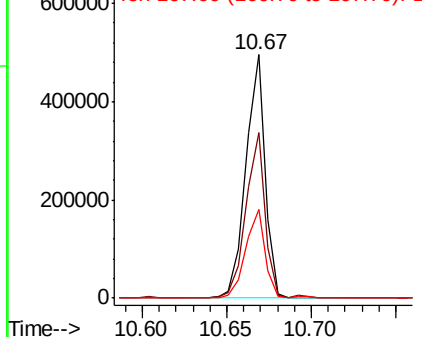
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	51.2	76.8
167	36.6	27.8	41.6

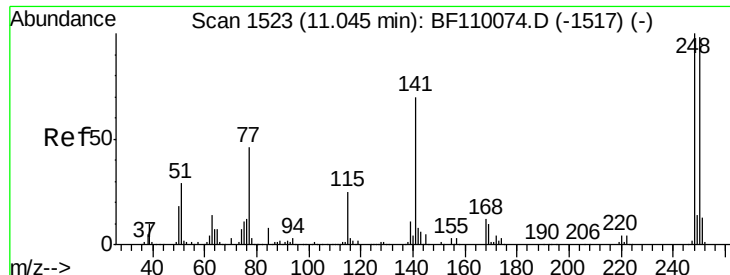
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





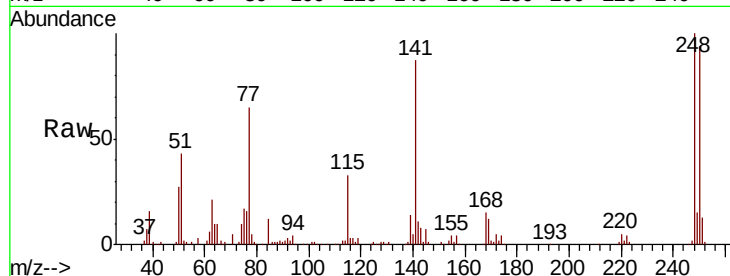
#67
 4-Bromophenyl-phenylether
 Concen: 42.604 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

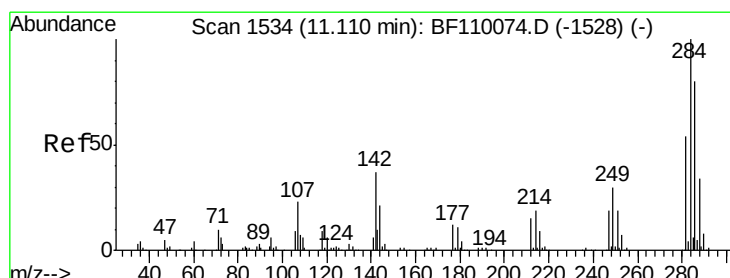
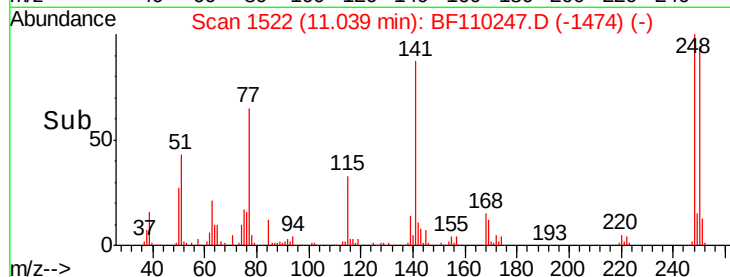
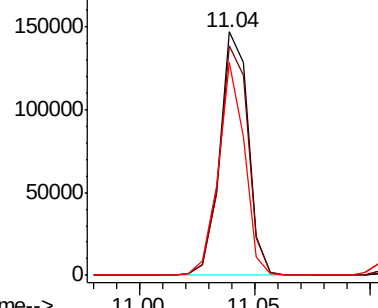
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	79.4	119.2
141	87.3	55.9	83.9

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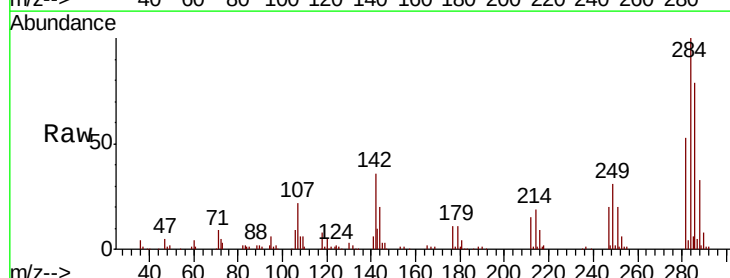


Abundance Ion 248.00 (247.70 to 248.70): E
 200000
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

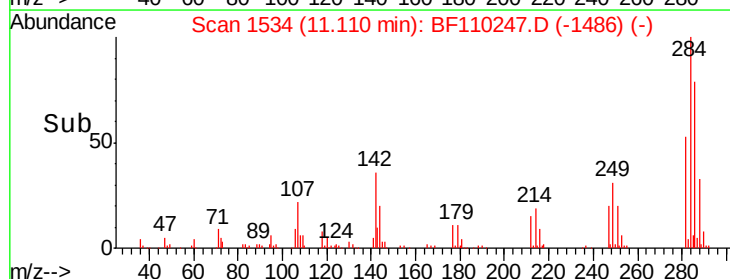
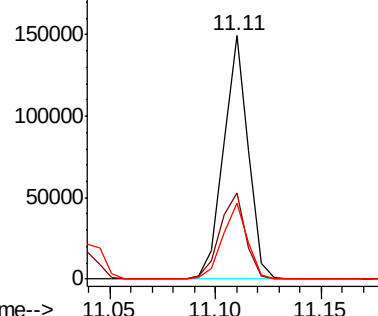


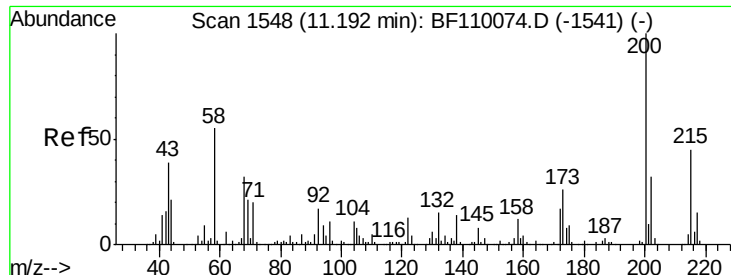
#68
 Hexachlorobenzene
 Concen: 38.541 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	23.9	35.9
249	31.1	24.2	36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 200000
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





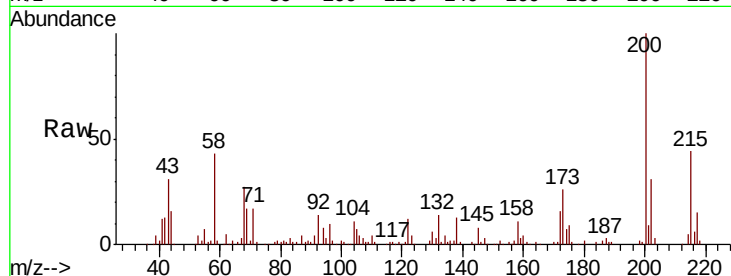
#69
Atrazine
Concen: 42.596 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.8	6.6	46.6
215	43.8	26.3	66.3

Manual Integrations
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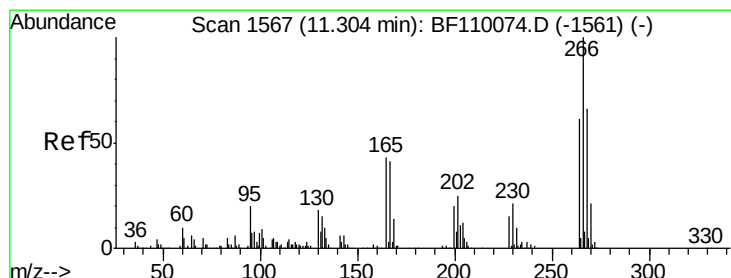
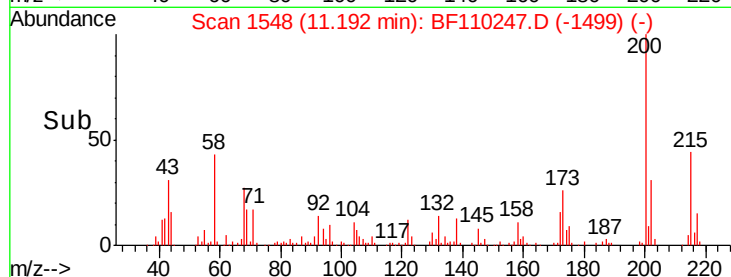
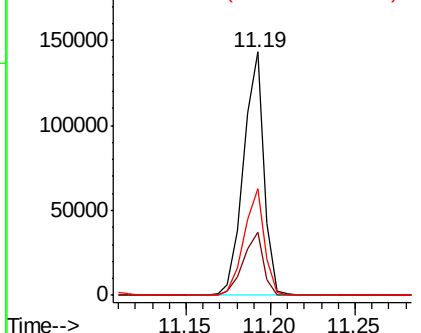


Abundance

Ion 200.00 (199.70 to 200.70): E

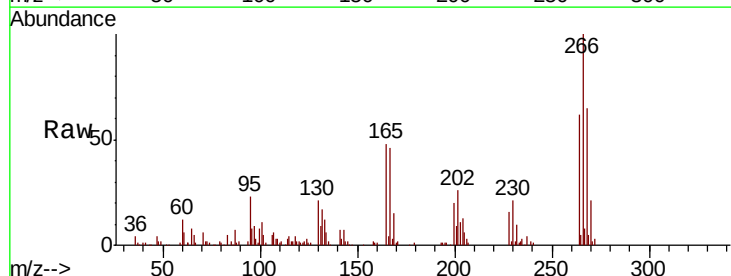
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 53.849 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.2	50.6	75.8
264	62.4	50.6	75.8

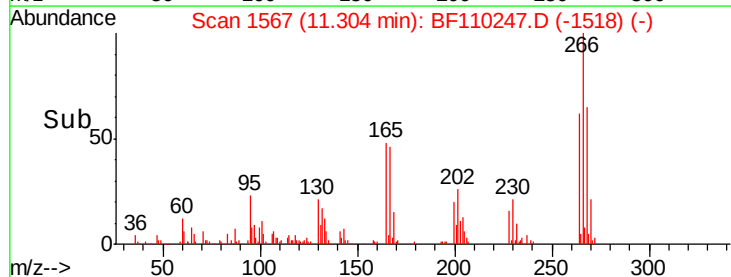
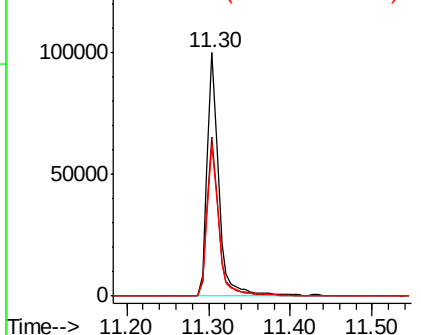


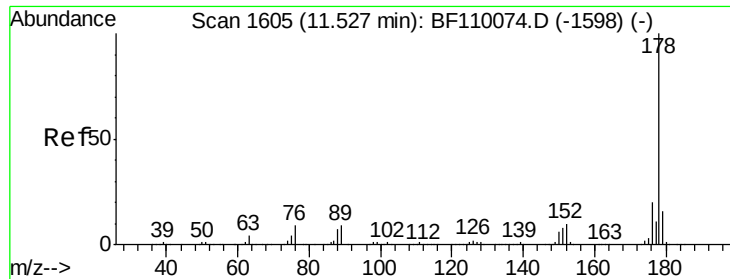
Abundance

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





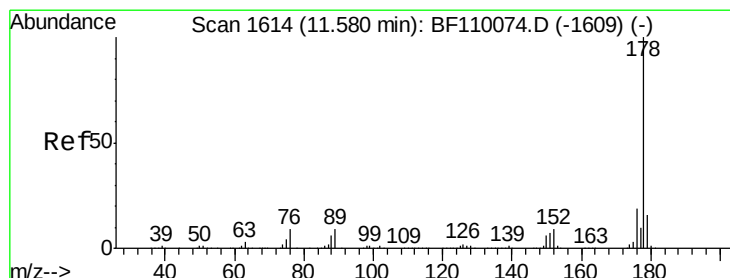
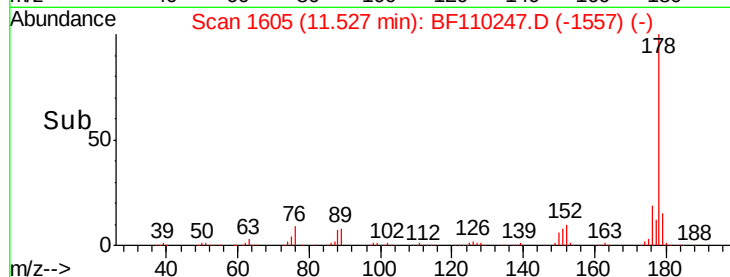
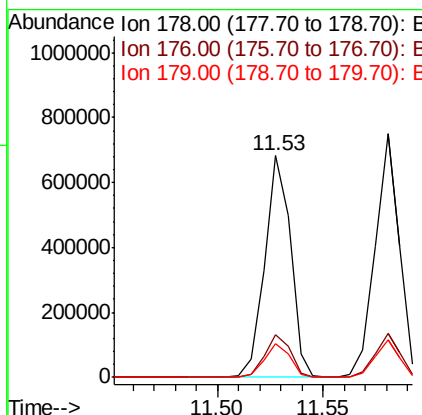
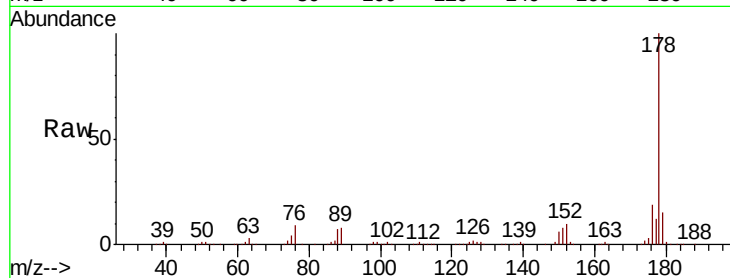
#71
Phenanthrene
Concen: 40.646 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.5	12.5	18.7

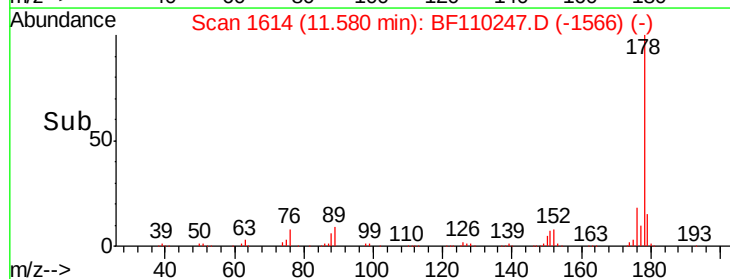
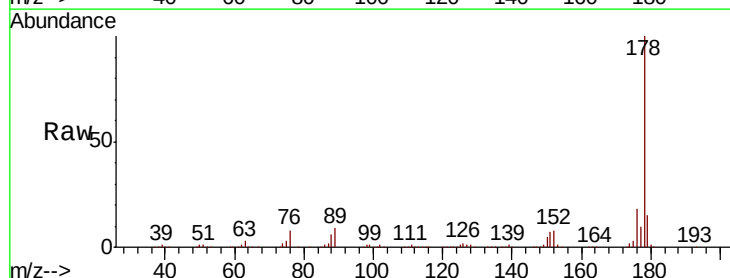
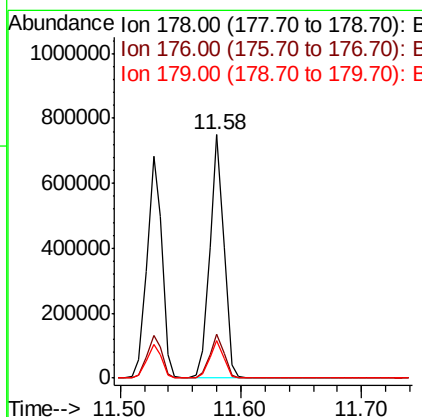
Manual Integrations
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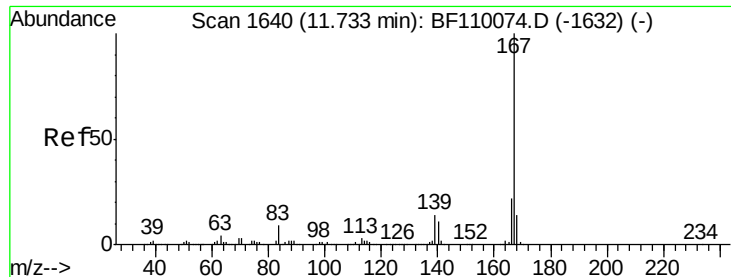
Sohil
10/29/2018 11:56:50 AM



#72
Anthracene
Concen: 41.946 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.3	12.6	18.8





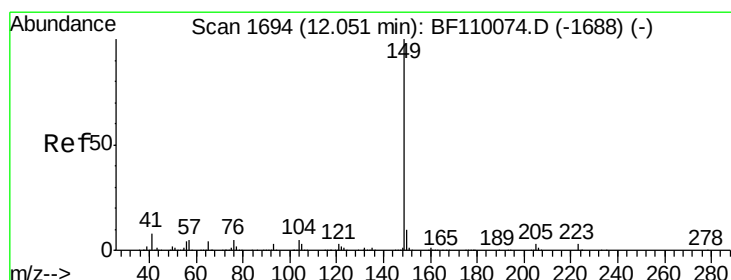
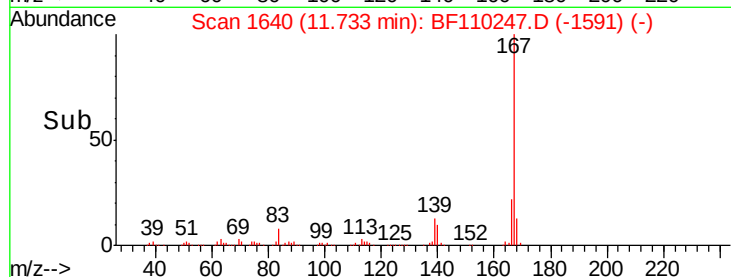
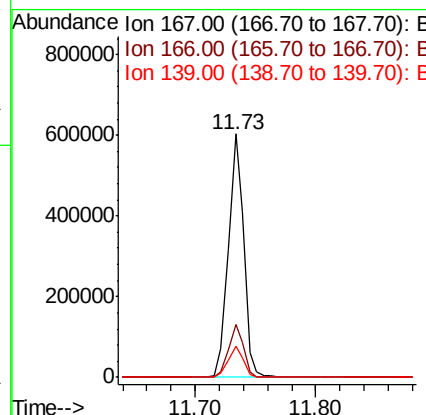
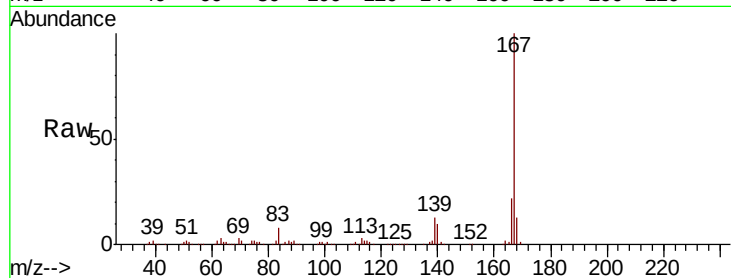
#73
 Carbazole
 Concen: 37.609 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	527620		
166	21.8		17.4	26.0
139	13.0		10.9	16.3

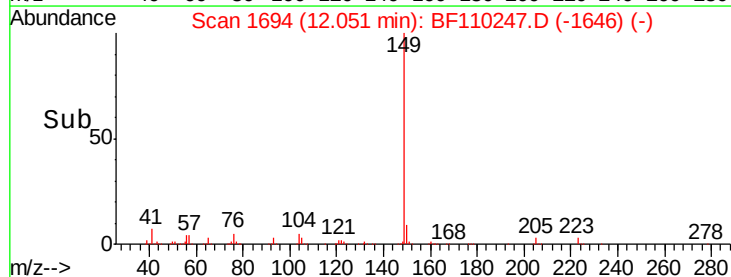
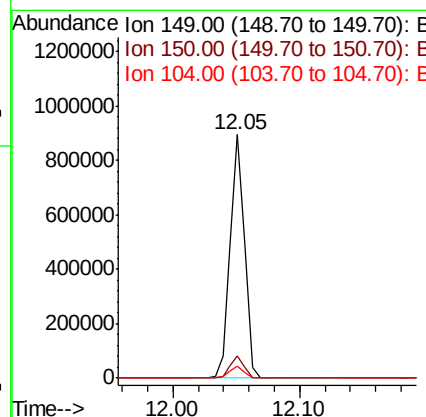
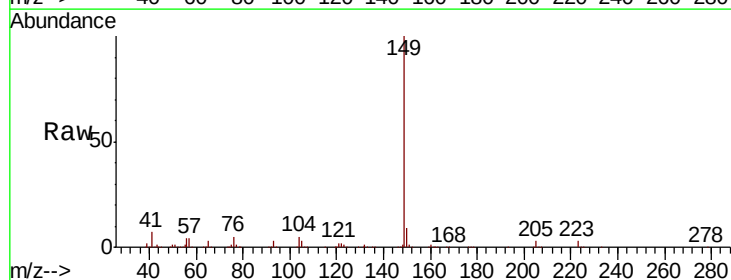
Manual Integrations
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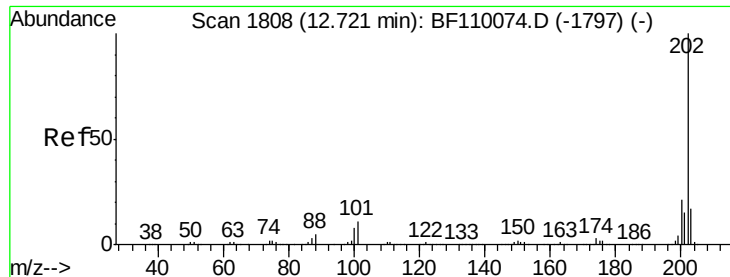
Sohil
 10/29/2018 11:56:50 AM



#74
 Di-n-butylphthalate
 Concen: 44.325 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	702302		
150	9.2		7.7	11.5
104	4.8		4.2	6.4





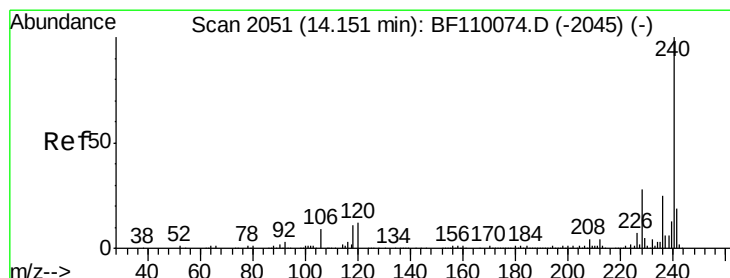
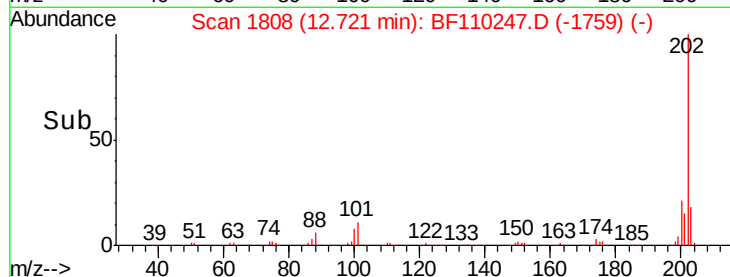
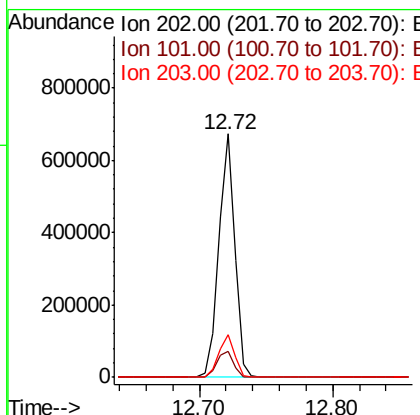
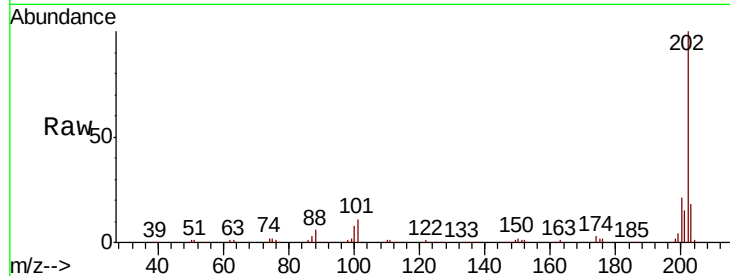
#75
 Fluoranthene
 Concen: 39.365 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.6	0.0	37.7

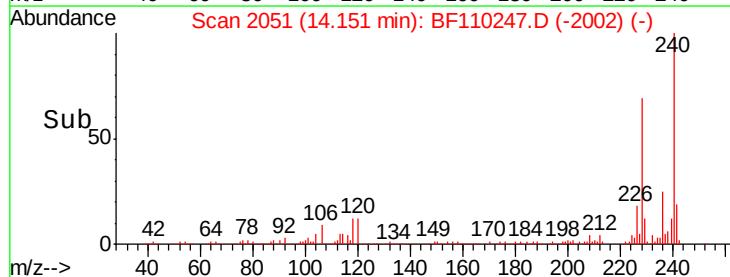
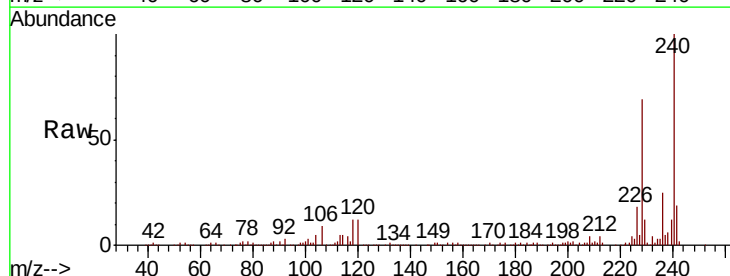
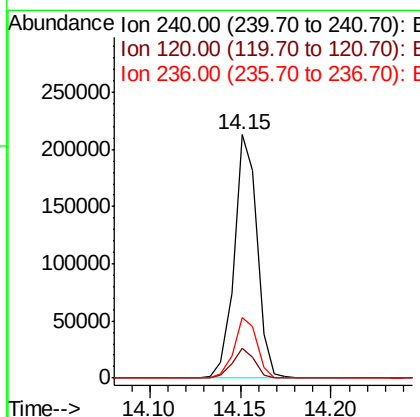
Manual Integrations
 APPROVED

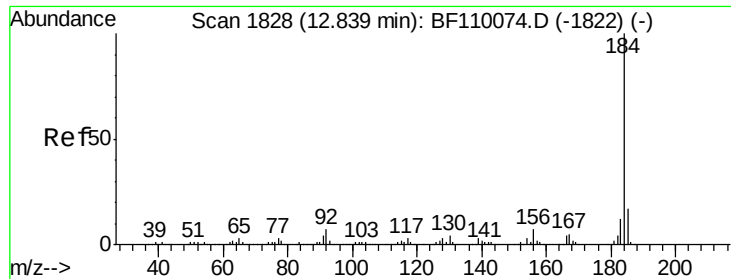
Sohil
 10/29/2018 11:56:50 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	8.3	12.5
236	24.7	21.2	31.8





#77

Benzidine

Concen: 50.149 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

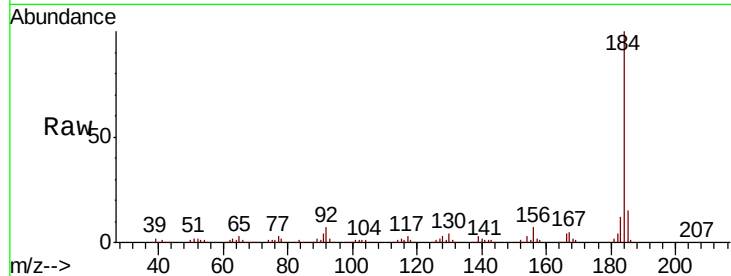
ClientSampleId :

PB114167BSD

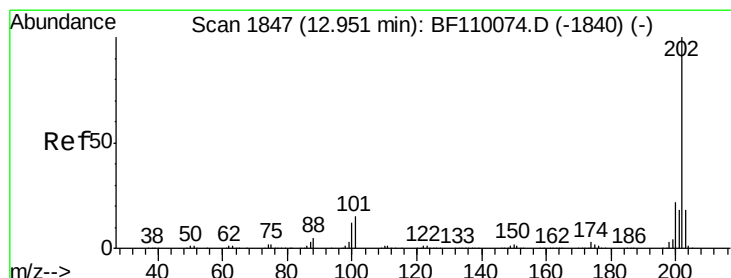
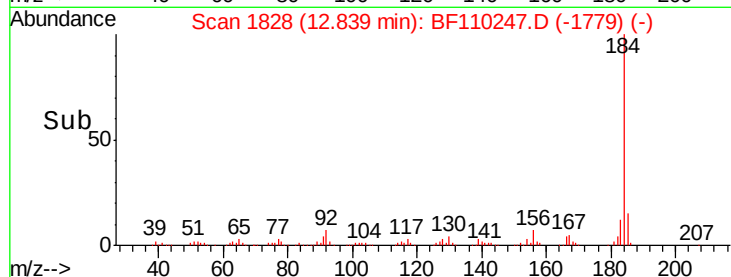
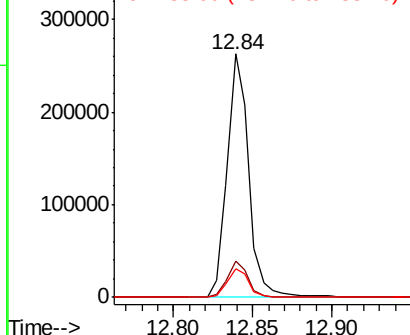
Tot Ion:	184	Resp:	247592
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.4	20.2
183	11.7	9.4	14.2

Manual Integrations
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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: 42.635 ng

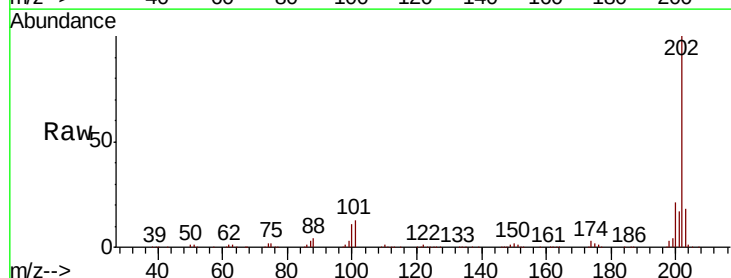
RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

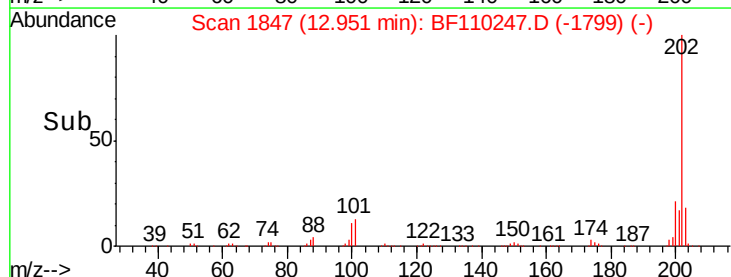
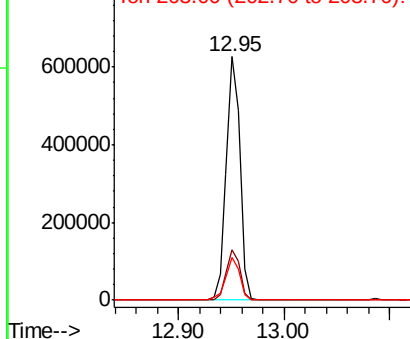
Lab File: BF110247.D

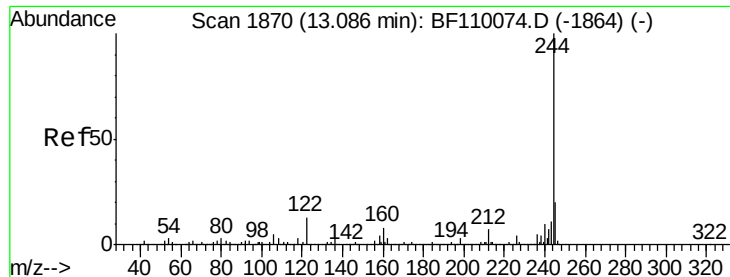
Acq: 27 Oct 2018 8:16

Tgt Ion:	202	Resp:	568919
Ion Ratio	Lower	Upper	
202	100		
200	20.7	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: 80.287 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

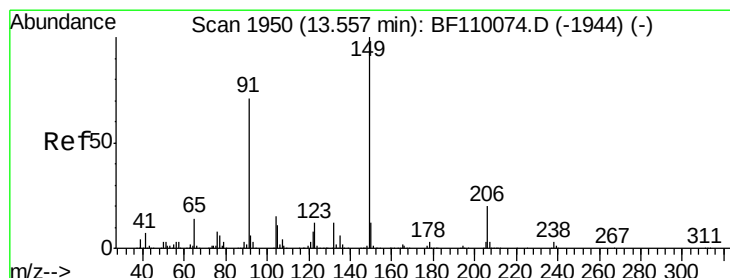
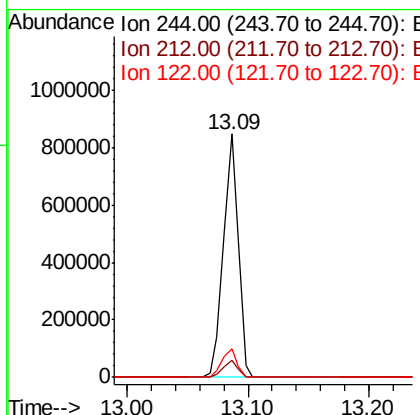
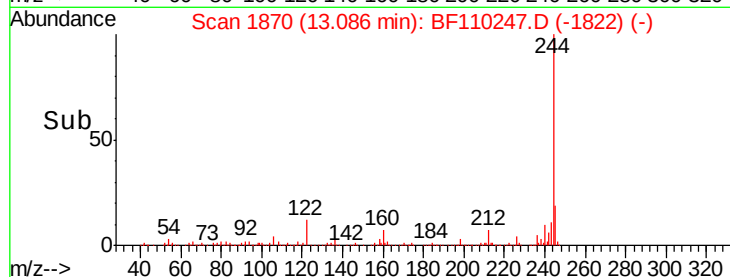
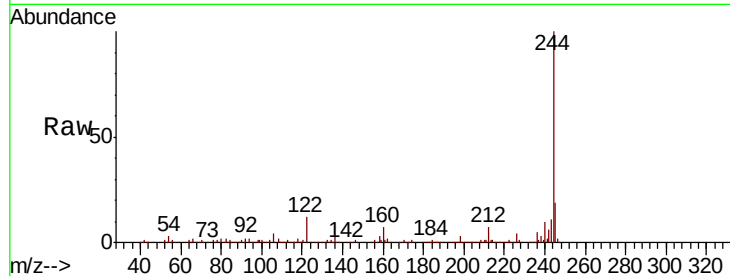
ClientSampleId :

PB114167BSD

Tot Ion:	244	Resp:	718559
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.9	8.7	13.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 45.842 ng

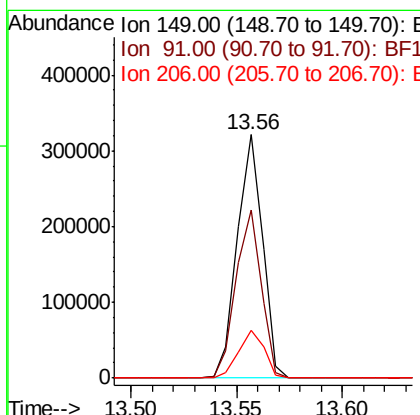
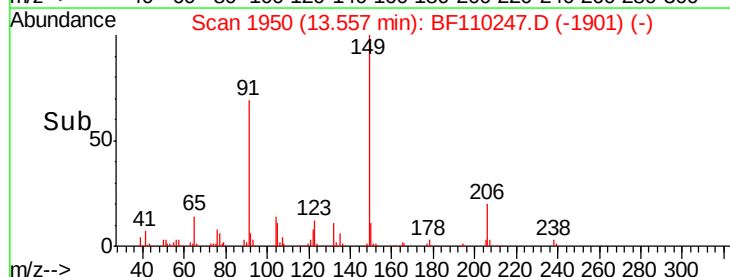
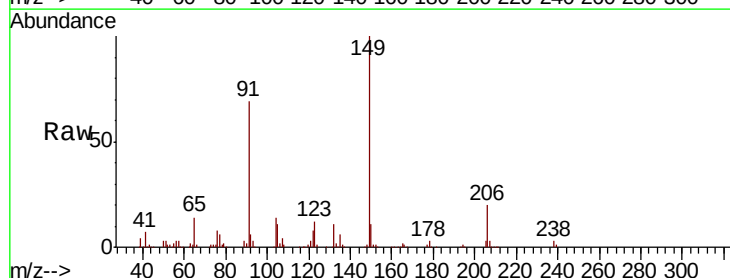
RT: 13.56 min Scan# 1950

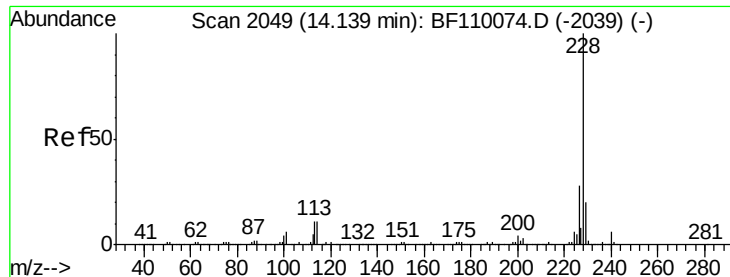
Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:	149	Resp:	265509
Ion Ratio		Lower	Upper
149	100		
91	69.2	57.2	85.8
206	19.6	15.7	23.5





#81

Benzo(a)anthracene

Concen: 41.666 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

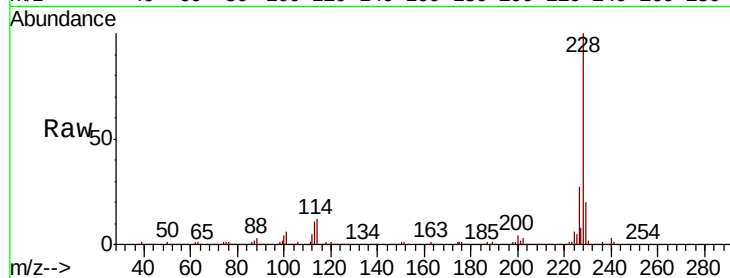
ClientSampleId :

PB114167BSD

Tot Ion:	228	Resp:	459905
Ion Ratio		Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.7	15.6	23.4

Manual Integrations
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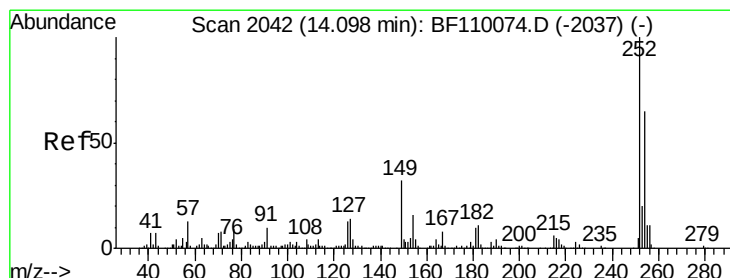
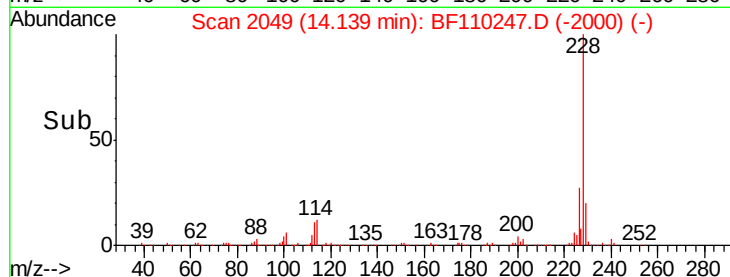
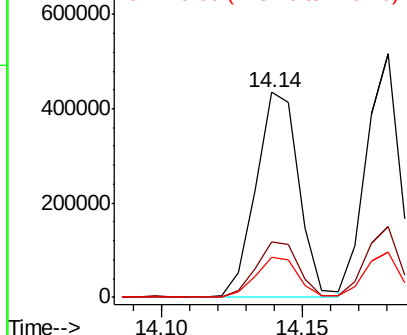


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.741 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

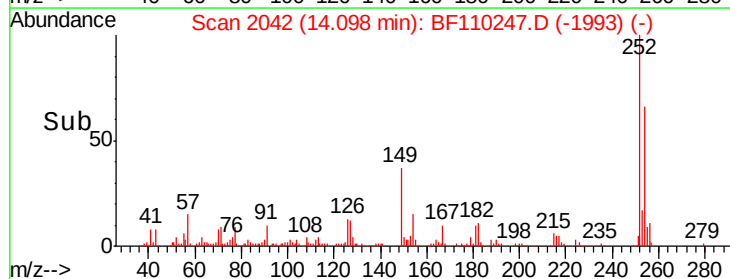
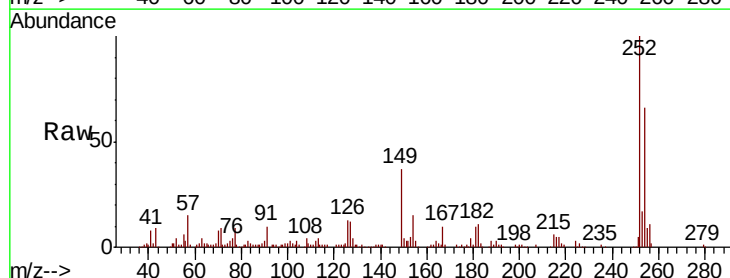
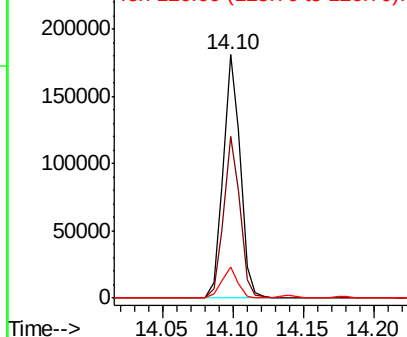
Tgt Ion:	252	Resp:	152748
Ion Ratio		Lower	Upper
252	100		
254	66.3	51.3	76.9
126	12.9	9.4	14.2

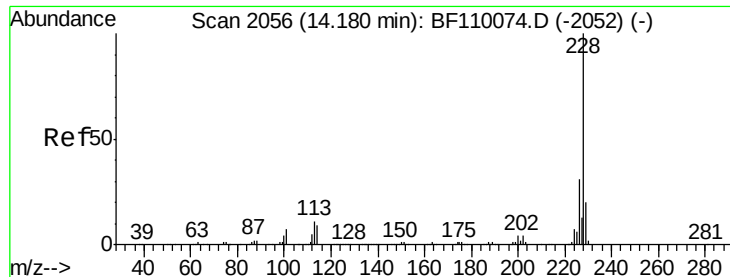
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





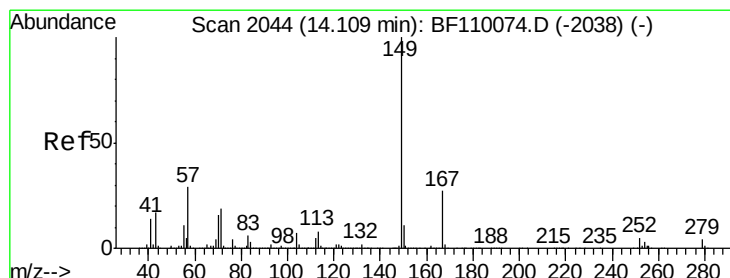
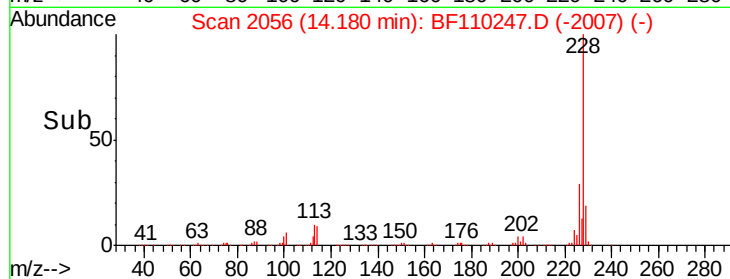
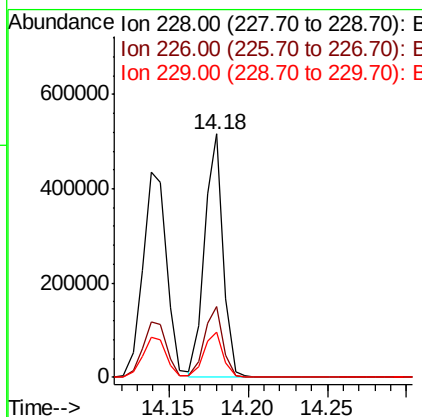
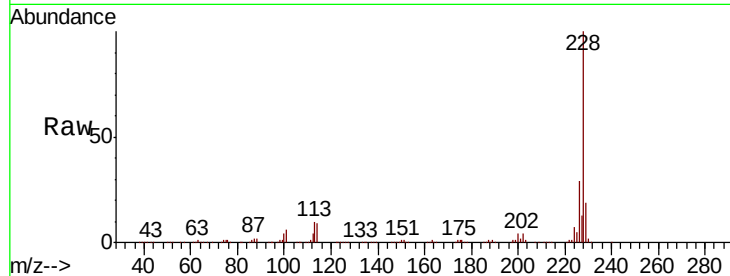
#83
 Chrysene
 Concen: 40.349 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.7	37.1
229	18.5	15.9	23.9

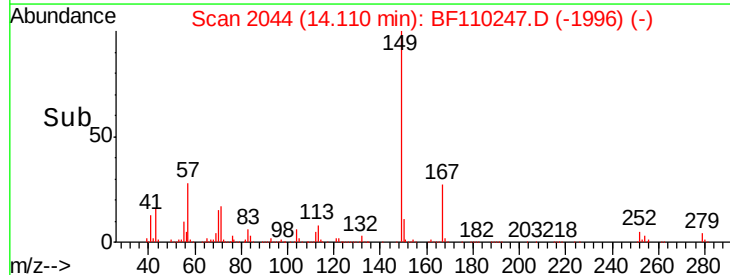
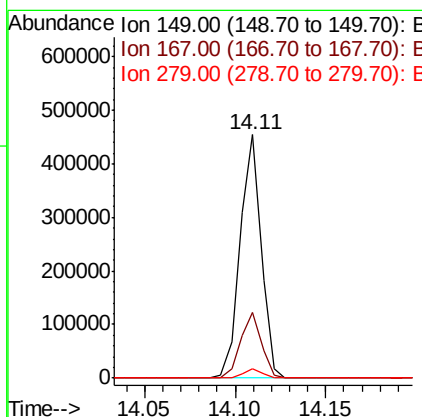
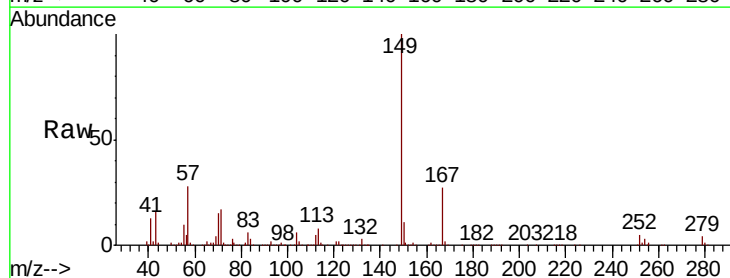
Manual Integrations
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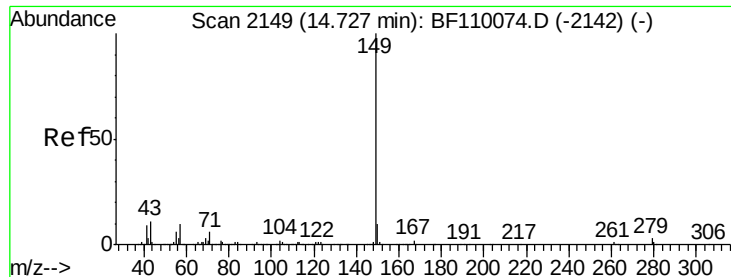
Sohil
 10/29/2018 11:56:50 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.011 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.8	29.8
279	3.9	2.7	4.1





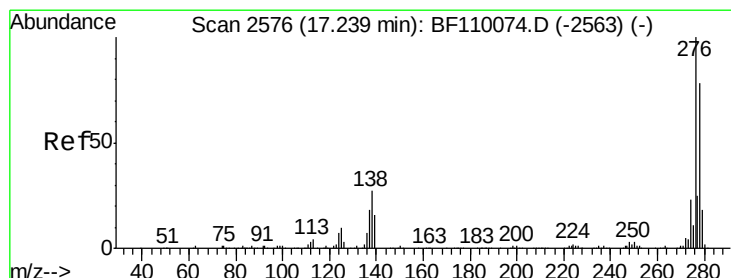
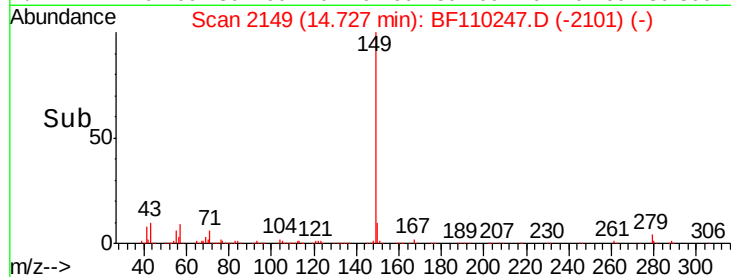
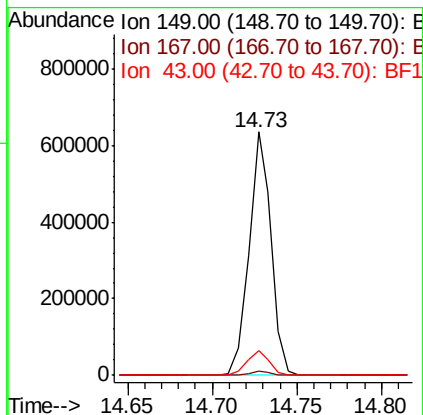
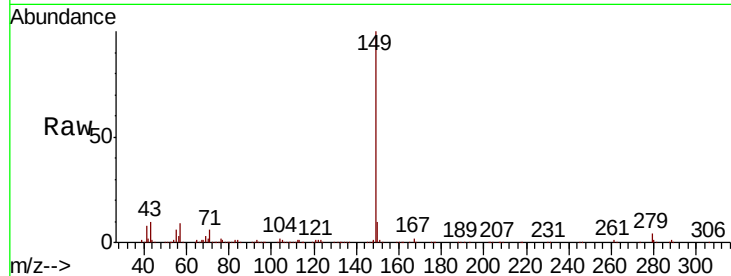
#85
Di-n-octyl phthalate
Concen: 47.370 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion:	149	Resp:	576690
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	9.9	7.8	11.8

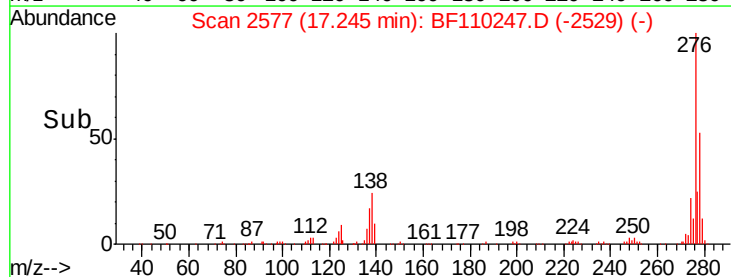
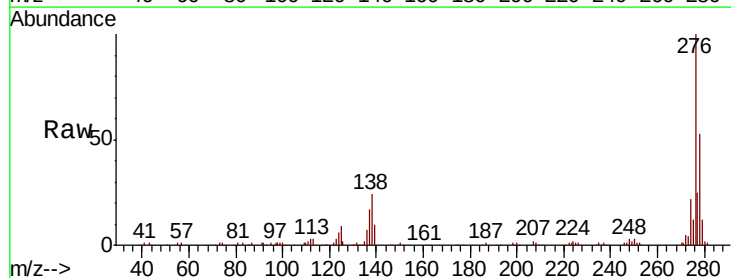
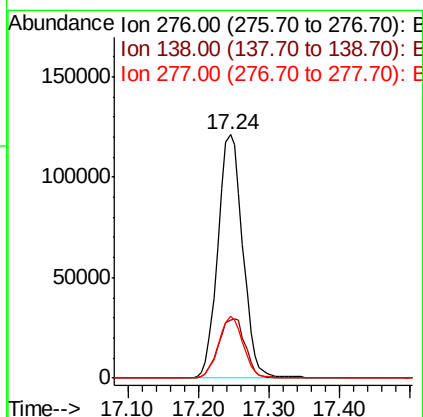
Manual Integrations
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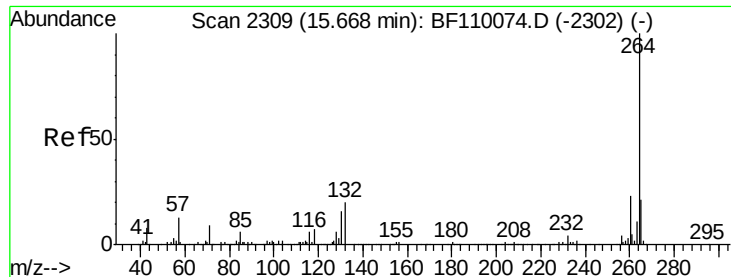
Sohil
10/29/2018 11:56:50 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.135 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion:	276	Resp:	296890
Ion Ratio	Lower	Upper	
276	100		
138	26.2	18.5	27.7
277	24.8	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

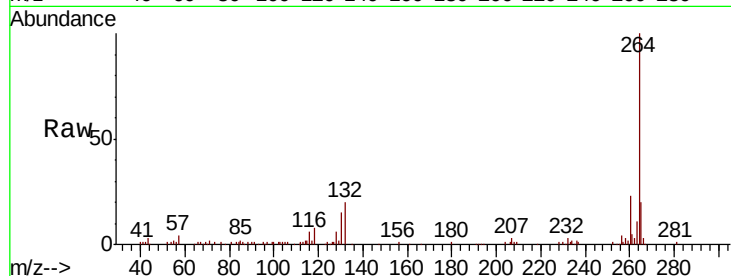
ClientSampleId :

PB114167BSD

Tot Ion:	264	Resp:	128090
Ion Ratio		Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.5	16.7	25.1

Manual Integrations
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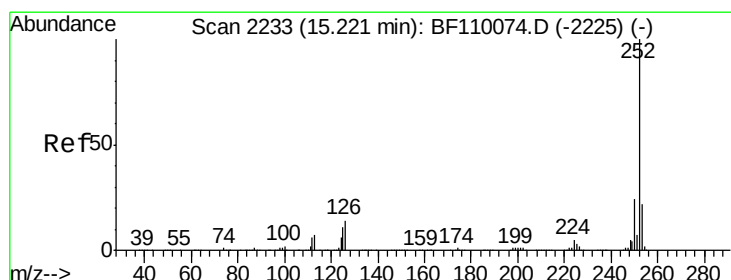
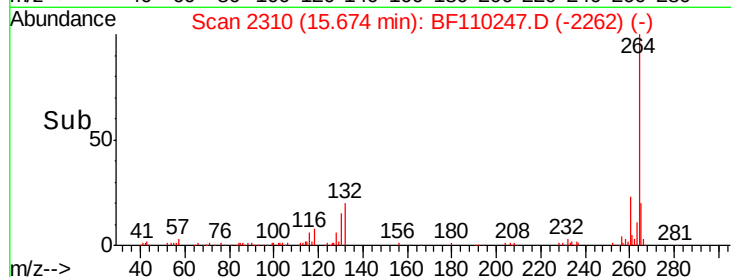
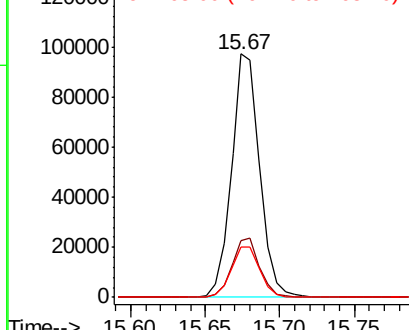


Abundance

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: 46.126 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

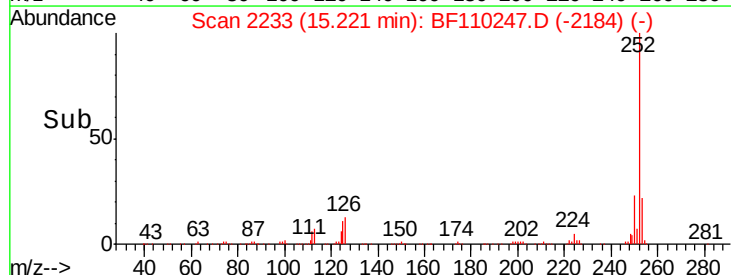
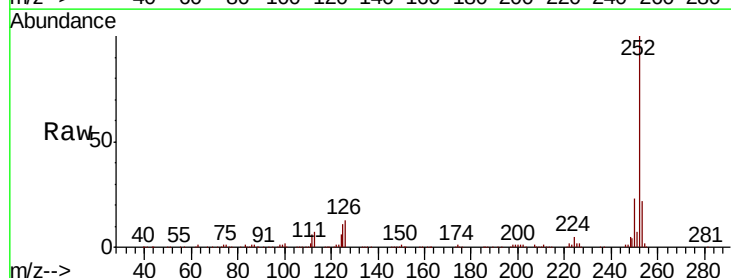
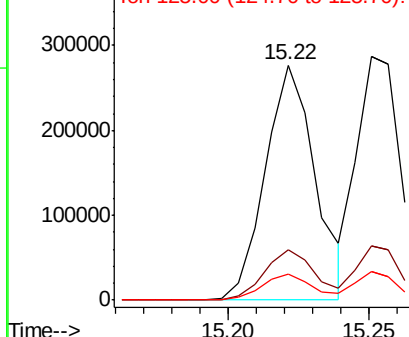
Tgt Ion:	252	Resp:	341180
Ion Ratio		Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.0	8.2	12.4

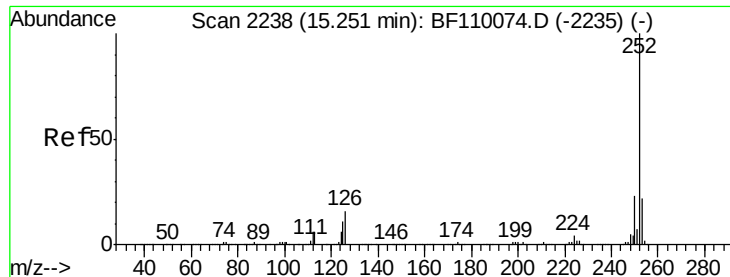
Abundance

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





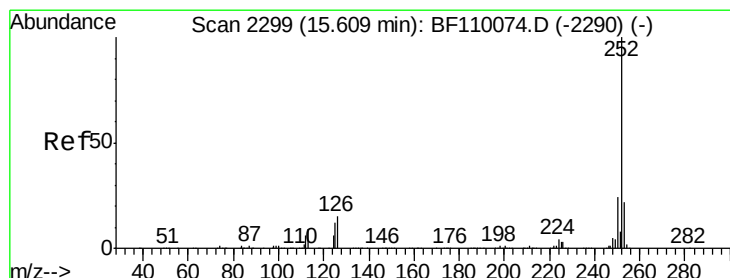
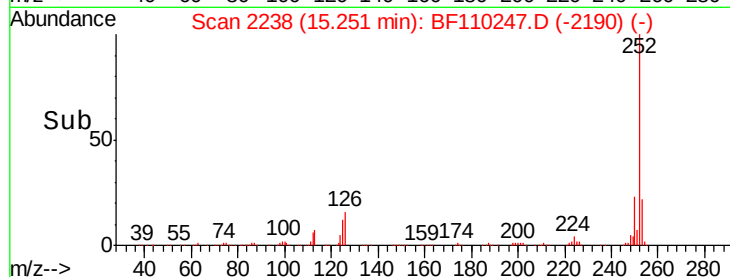
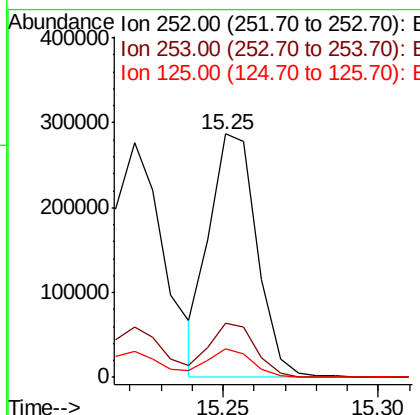
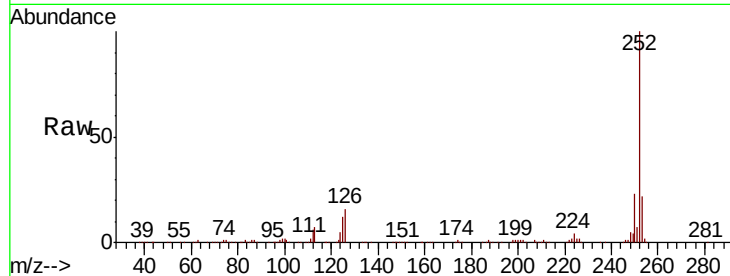
#89
Benzo(k)fluoranthene
Concen: 42.370 ng m
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.8	7.4	11.0

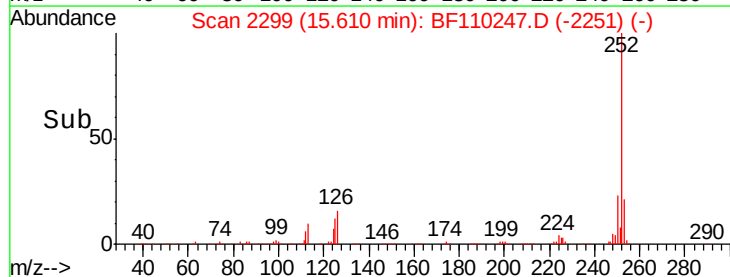
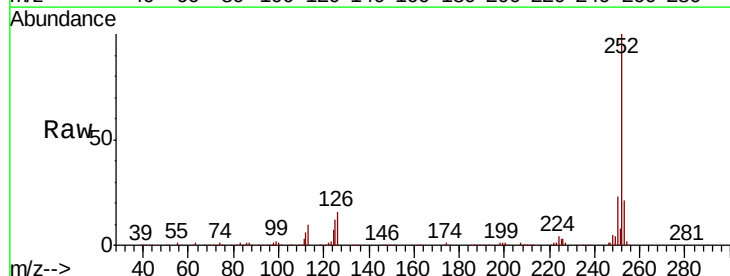
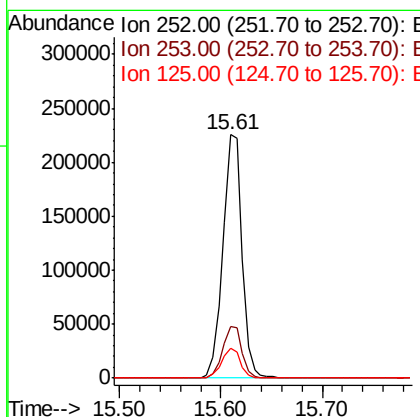
Manual Integrations
APPROVED

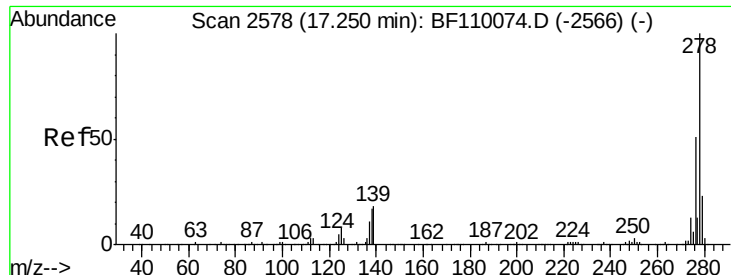
Sohil
10/29/2018 11:56:50 AM



#90
Benzo(a)pyrene
Concen: 43.535 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	12.3	9.0	13.6





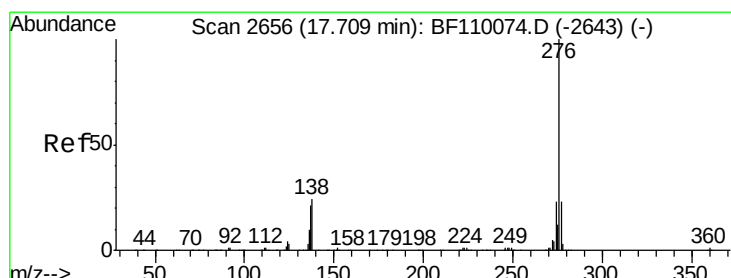
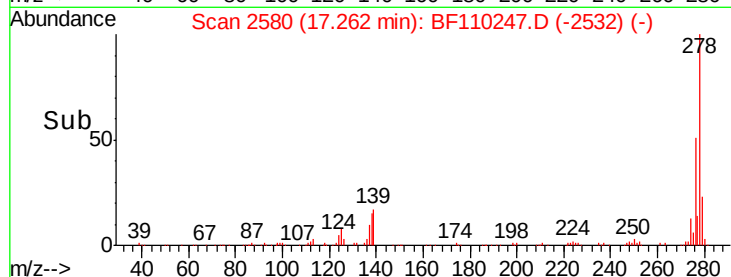
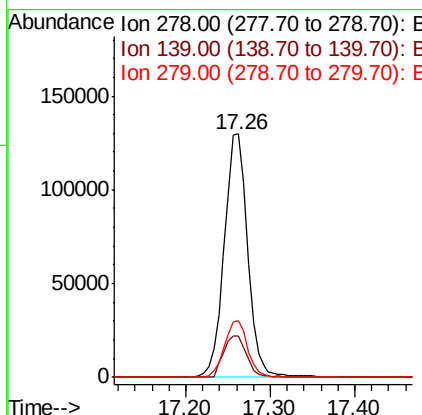
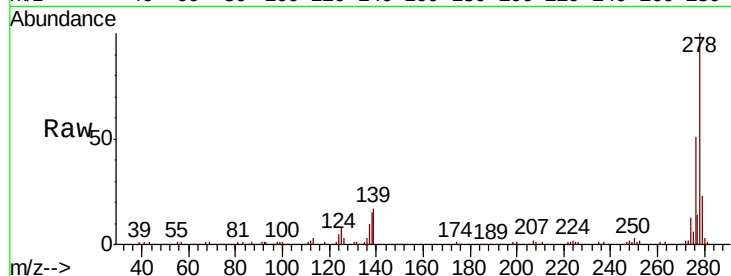
#91
Dibenzo(a,h)anthracene
Concen: 42.346 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :
PB114167BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.7	19.1
279	23.1	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/29/2018 11:56:50 AM



#92
Benzo(g,h,i)perylene
Concen: 41.813 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	22.2	16.0	24.0

