

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113830.D
 Acq On : 18 Apr 2019 21:29
 Operator : JU/SJ
 Sample : K2441-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMS

Manual Integrations
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Sohil
 4/23/2019 8:16:46 AM

Quant Time: Apr 19 02:51:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	165589	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	569527	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	251305	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	433084	20.00	ng	0.00
76) Chrysene-d12	14.04	240	453553	20.00	ng	0.00
87) Perylene-d12	15.52	264	540944	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1064499	106.89	ng	0.01
7) Phenol-d6	6.52	99	1326814	106.84	ng	0.00
23) Nitrobenzene-d5	7.45	82	750809	80.28	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	296949	106.95	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1119416	67.93	ng	0.00
79) Terphenyl-d14	12.99	244	1224841	56.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	180793	36.484	ng	98
3) Pyridine	3.49	79	477891	35.051	ng	98
4) n-Nitrosodimethylamine	3.43	42	176524	37.096	ng	100
6) Aniline	6.56	93	407589	23.128	ng	99
8) 2-Chlorophenol	6.68	128	411048	36.777	ng	99
9) Benzaldehyde	6.44	77	146760	15.909	ng	97
10) Phenol	6.53	94	505244m	36.291	ng	
11) bis(2-Chloroethyl)ether	6.63	93	422230	37.360	ng	99
12) 1,3-Dichlorobenzene	6.84	146	463266	37.307	ng	100
13) 1,4-Dichlorobenzene	6.92	146	465772	37.492	ng	99
14) 1,2-Dichlorobenzene	7.07	146	435062	38.000	ng	99
15) Benzyl Alcohol	7.03	79	370169	36.793	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	494712	36.088	ng	99
17) 2-Methylphenol	7.14	107	327966	35.924	ng	99
18) Hexachloroethane	7.42	117	158359	35.544	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	287732	34.710	ng	98
20) 3+4-Methylphenols	7.29	107	407025	37.106	ng	91
22) Acetophenone	7.30	105	560615	43.204	ng	96
24) Nitrobenzene	7.47	77	432209	41.119	ng	98
25) Isophorone	7.71	82	754117	38.944	ng	99
26) 2-Nitrophenol	7.79	139	185137	44.337	ng	92
27) 2,4-Dimethylphenol	7.82	122	327906	41.129	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	492026	39.986	ng	99
29) 2,4-Dichlorophenol	8.03	162	332339	39.122	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	381047	40.382	ng	99
31) Naphthalene	8.20	128	1101973	40.906	ng	99
32) Benzoic acid	7.86	122	12654m	8.027	ng	
33) 4-Chloroaniline	8.24	127	202464	17.716	ng	96
34) Hexachlorobutadiene	8.32	225	223257	38.726	ng	98
35) Caprolactam	8.59	113	92303m	33.660	ng	
36) 4-Chloro-3-methylphenol	8.72	107	306310	36.364	ng	97
37) 2-Methylnaphthalene	8.89	142	690603	38.639	ng	99
38) 1-Methylnaphthalene	8.99	142	650583	37.512	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	347770	43.607	ng	99

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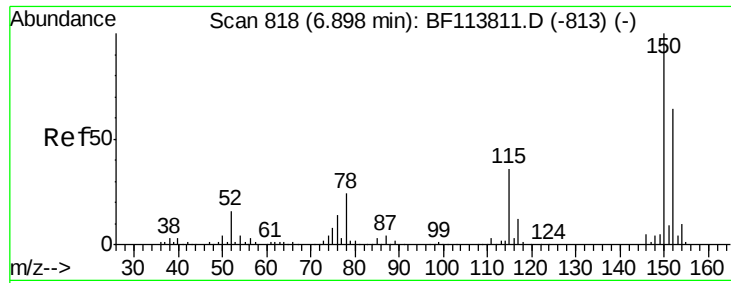
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	246852	56.306	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	223728	43.582	nq	100
44) 2,4,5-Trichlorophenol	9.20	196	234732	42.371	nq	100
46) 1,1'-Biphenyl	9.35	154	826480	43.461	nq	99
47) 2-Chloronaphthalene	9.37	162	651848	41.873	nq	98
48) 2-Nitroaniline	9.46	65	173469	42.823	nq	95
49) Acenaphthylene	9.79	152	972141	39.927	nq	98
50) Dimethylphthalate	9.65	163	891525	50.693	nq	100
51) 2,6-Dinitrotoluene	9.70	165	157765	40.647	nq	94
52) Acenaphthene	9.96	154	563097	39.428	nq	98
53) 3-Nitroaniline	9.87	138	120654	29.357	nq	96
54) 2,4-Dinitrophenol	9.97	184	26842	25.542	nq	# 1
55) Dibenzofuran	10.13	168	847750	39.625	nq	99
56) 4-Nitrophenol	10.02	139	236934	70.840	nq	99
57) 2,4-Dinitrotoluene	10.10	165	188740	39.196	nq	97
58) Fluorene	10.47	166	615192	38.548	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	185597	39.260	nq	99
60) Diethylphthalate	10.35	149	672466	39.897	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	321899	39.388	nq	98
62) 4-Nitroaniline	10.47	138	130605	33.036	nq	99
63) Azobenzene	10.63	77	627763	36.245	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	40907	26.483	nq	98
66) n-Nitrosodiphenylamine	10.58	169	555972	42.350	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	202852	39.886	nq	97
68) Hexachlorobenzene	11.03	284	218137	39.002	nq	98
69) Atrazine	11.10	200	175108	43.112	nq	99
70) Pentachlorophenol	11.22	266	246556	77.761	nq	97
71) Phenanthrene	11.43	178	874643	39.653	nq	99
72) Anthracene	11.49	178	898678	40.432	nq	99
73) Carbazole	11.63	167	828658	41.062	nq	99
74) Di-n-butylphthalate	11.97	149	927180	41.281	nq	99
75) Fluoranthene	12.62	202	995391	42.581	nq	99
77) Benzidine	12.73	184	401541	26.433	nq	98
78) Pyrene	12.85	202	1028942	32.190	nq	99
80) Butylbenzylphthalate	13.47	149	433245	36.589	nq	97
81) Benzo(a)anthracene	14.03	228	1052984	39.716	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	386646	41.031	nq	99
83) Chrysene	14.07	228	1100898	41.835	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	592453	41.823	nq	# 99
85) Di-n-octyl phthalate	14.64	149	1168279	53.155	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1105476	51.459	nq	100
88) Benzo(b)fluoranthene	15.09	252	1239274	36.749	nq	99
89) Benzo(k)fluoranthene	15.12	252	1198848	39.032	nq	99
90) Benzo(a)pyrene	15.46	252	1168303	39.180	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	963440	36.313	nq	99
92) Benzo(g,h,i)perylene	17.43	276	857007	31.780	nq	99

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



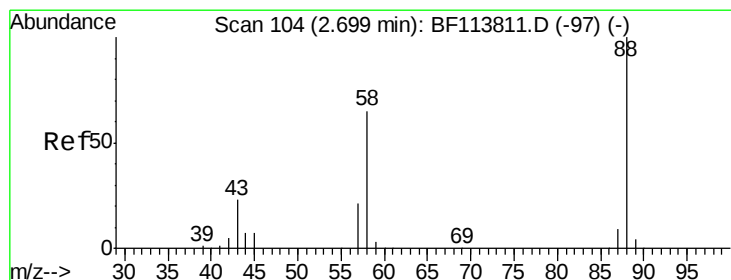
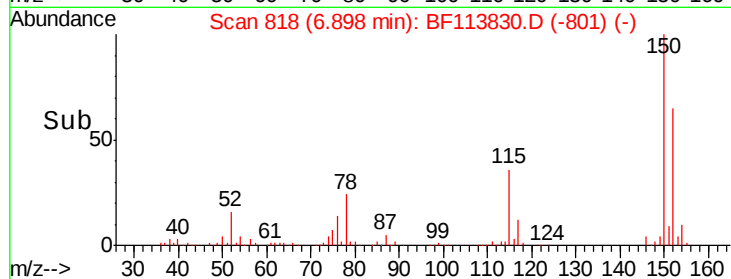
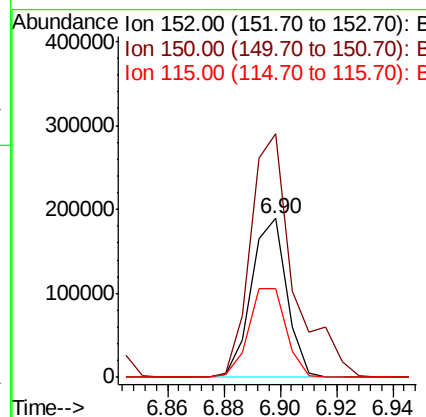
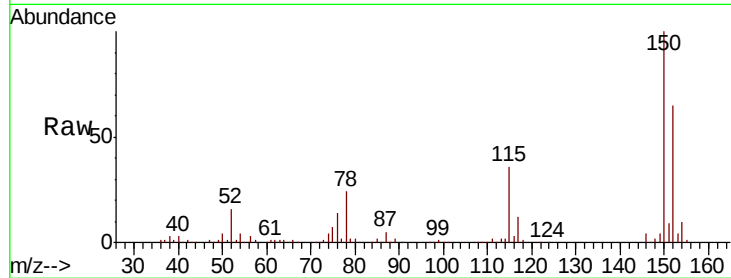
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.9	188.9
115	55.6	45.9	68.9

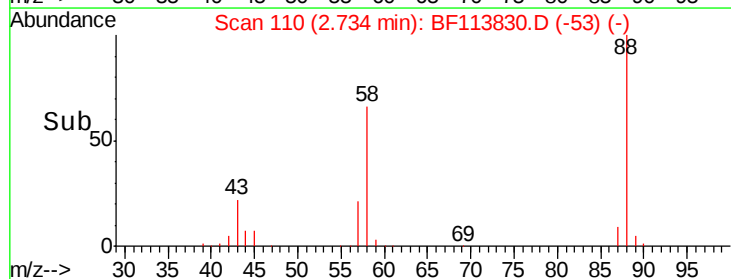
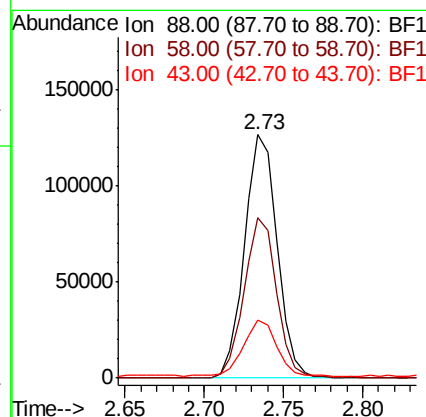
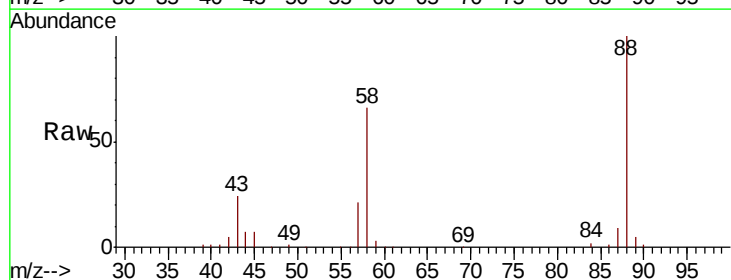
Manual Integrations
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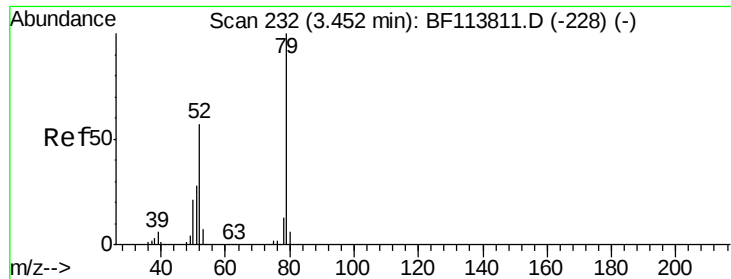
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#2
 1,4-Dioxane
 Concen: 36.484 ng
 RT: 2.73 min Scan# 110
 Delta R.T. 0.04 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.6	53.3	79.9
43	22.9	19.0	28.4





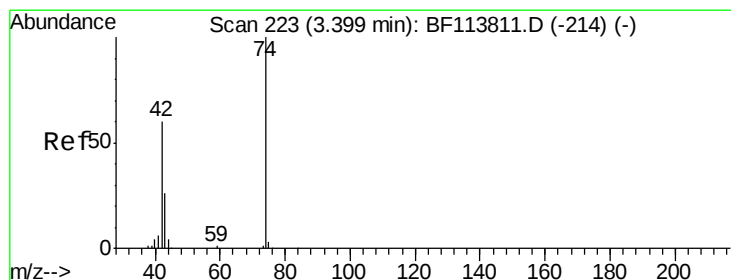
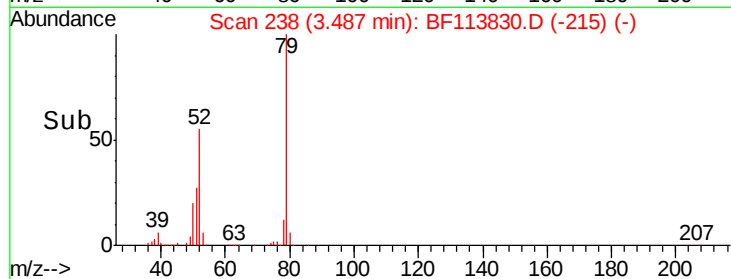
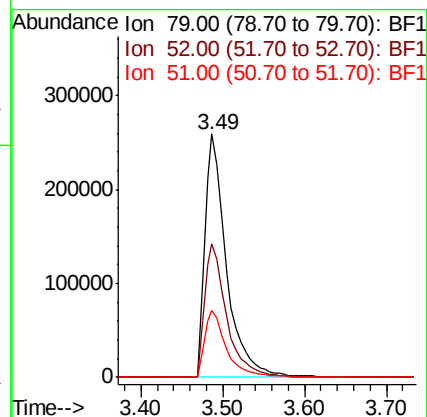
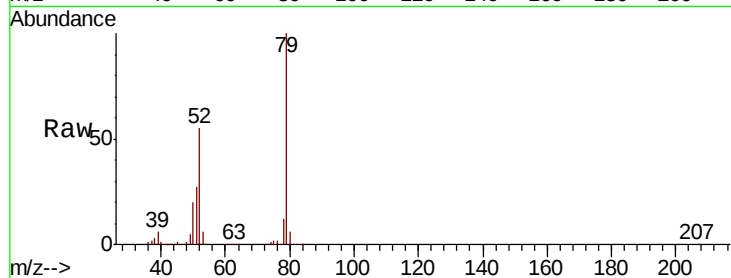
#3
 Pvridine
 Concen: 35.051 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.04 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	54.9	45.3	67.9
51	27.5	22.1	33.1

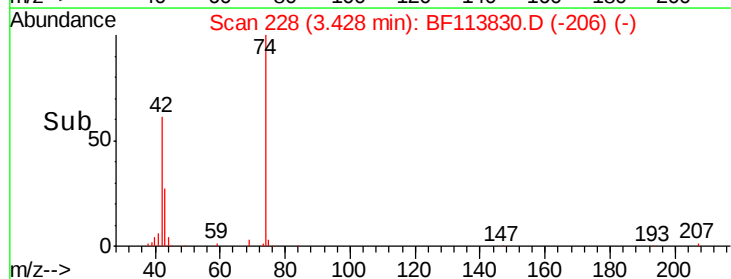
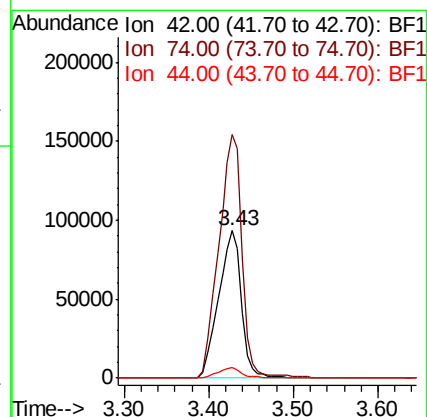
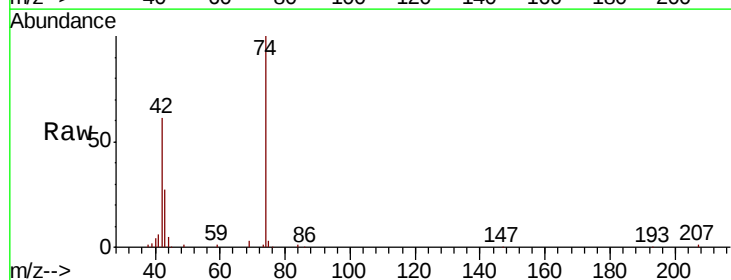
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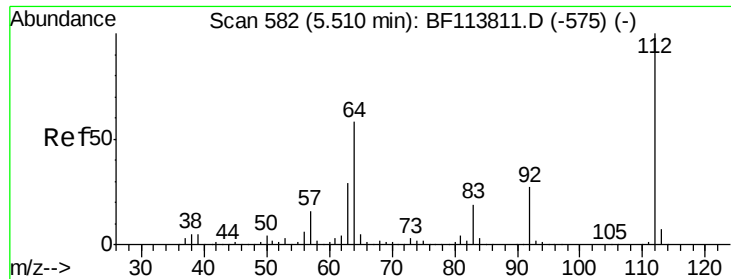
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#4
 n-Nitrosodimethylamine
 Concen: 37.096 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.03 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	165.3	132.6	198.8
44	7.5	5.8	8.8





#5

2-Fluorophenol

Concen: 106.893 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

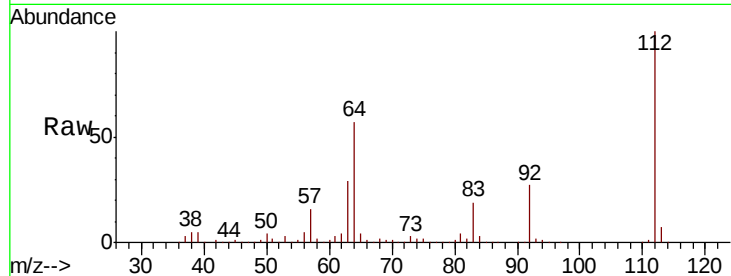
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TP-18-SMS

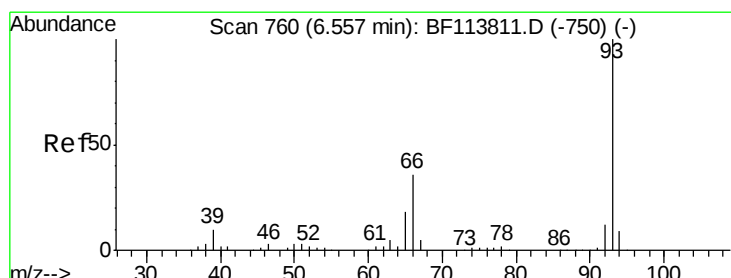
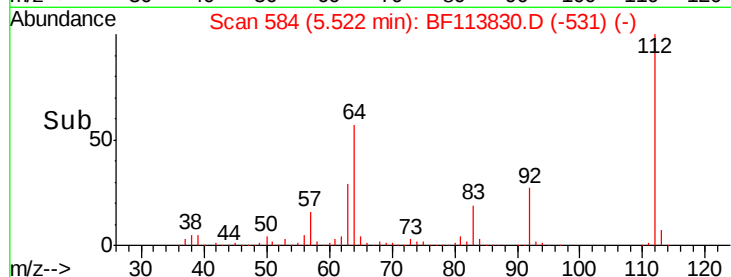
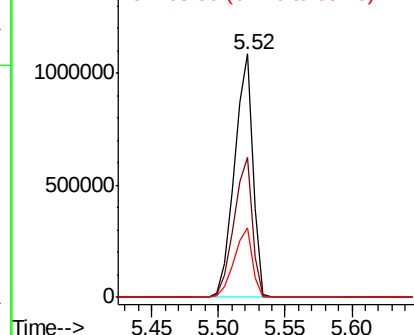
Tot Ion:	112	Resp:	1064499
Ion Ratio	Lower	Upper	
112	100		
64	57.4	46.6	69.8
63	28.6	23.1	34.7

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



#6

Aniline

Concen: 23.128 ng

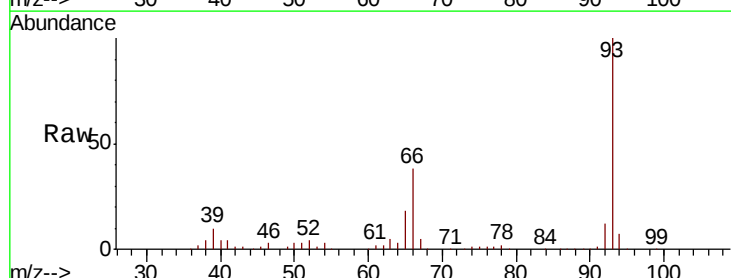
RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

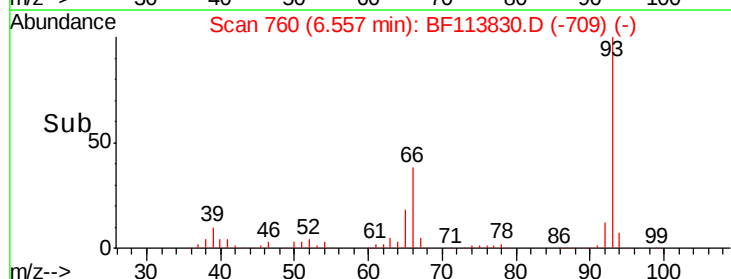
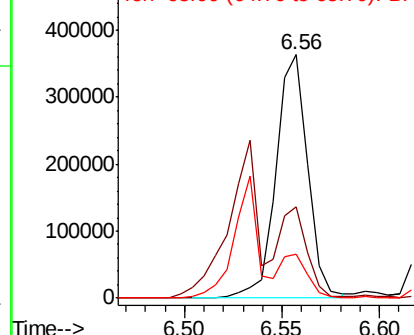
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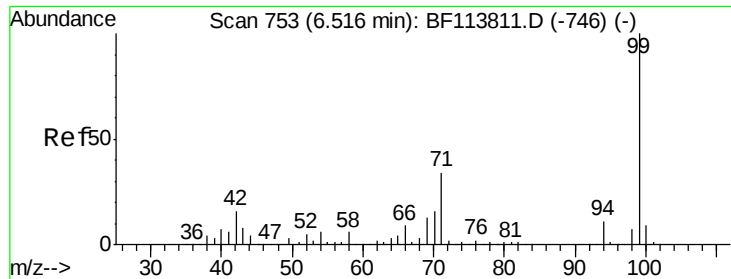
Acq: 18 Apr 2019 21:29

Tgt Ion:	93	Resp:	407589
Ion Ratio	Lower	Upper	
93	100		
66	37.6	29.8	44.6
65	18.1	14.9	22.3



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





#7

Phenol-d6

Concen: 106.837 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampled :

TP-18-SMS

Tot Ion: 99 Resp: 1326814

Ion Ratio Lower Upper

99 100

42 15.3 12.5 18.7

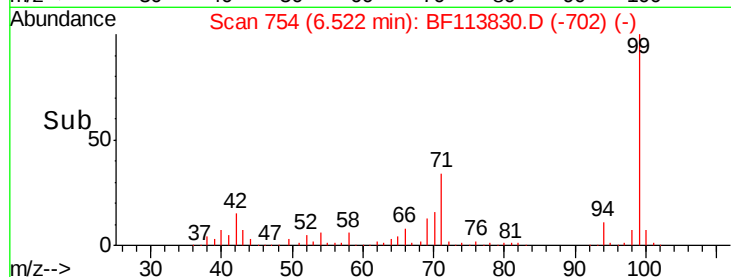
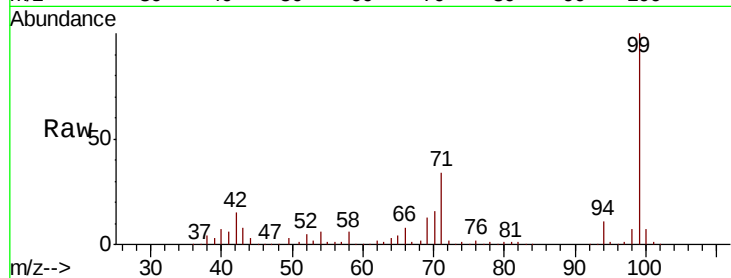
71 33.5 26.9 40.3

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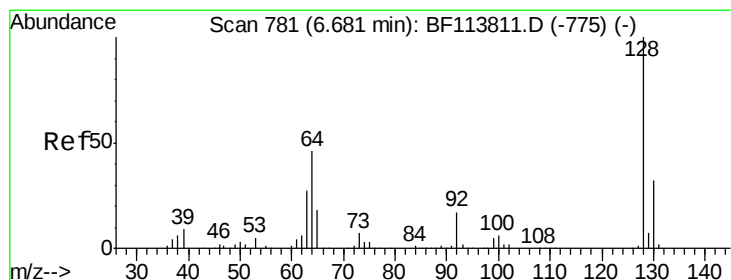
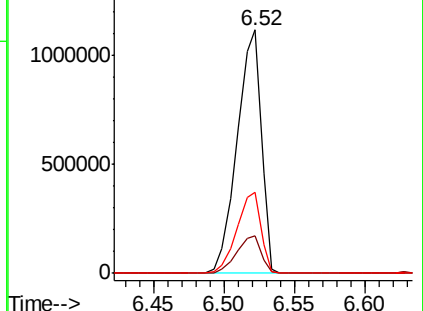
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.777 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

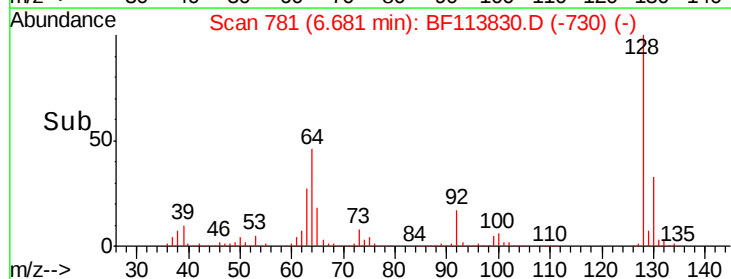
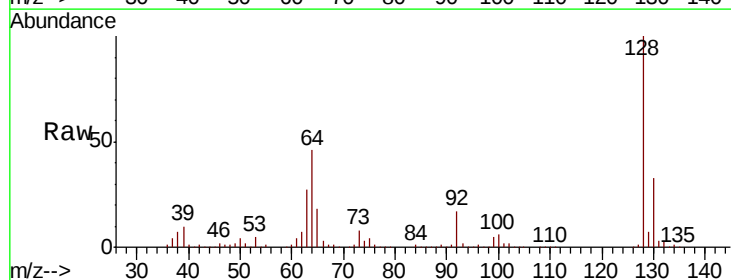
Tgt Ion: 128 Resp: 411048

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

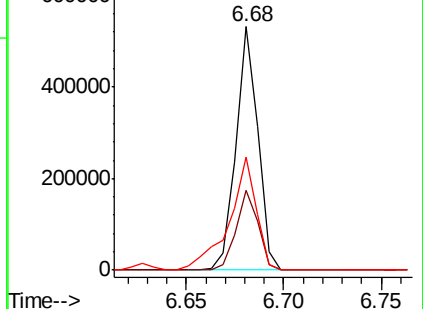
64 46.5 26.1 66.1

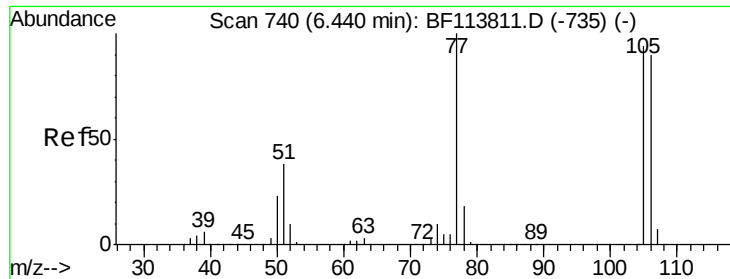


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.909 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

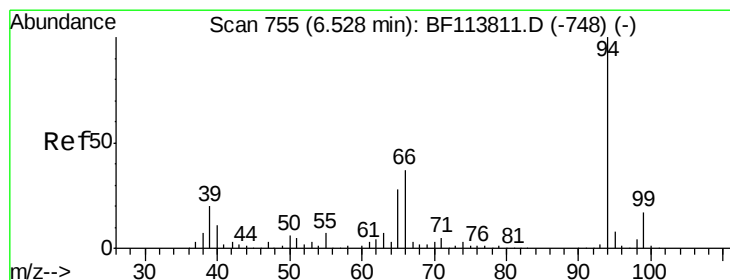
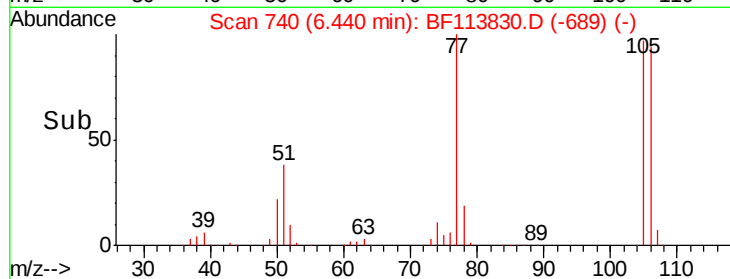
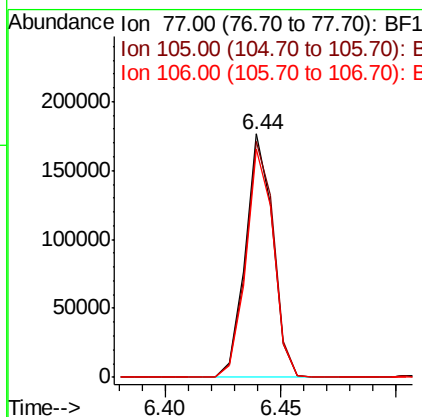
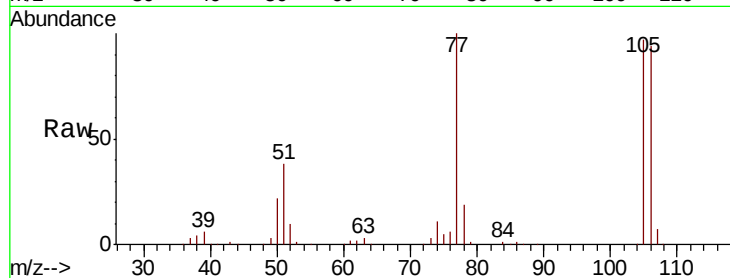
ClientSampleId :

TP-18-SMS

Tot Ion:	77	Resp:	146760
Ion	Ratio	Lower	Upper
77	100		
105	96.9	74.1	114.1
106	93.8	70.3	110.3

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#10

Phenol

Concen: 36.291 ng m

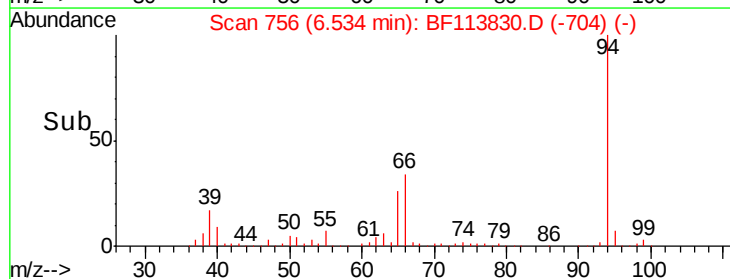
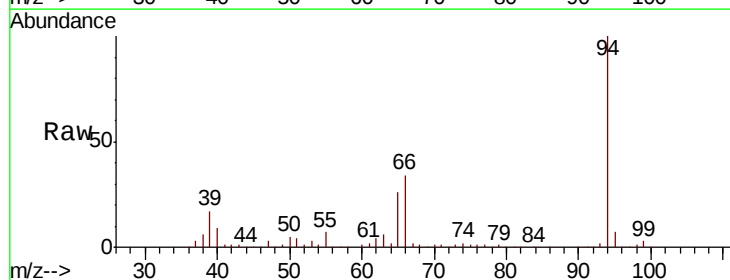
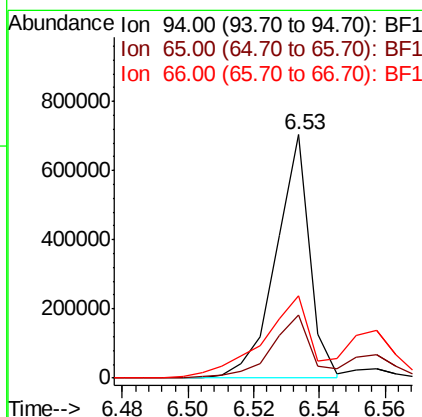
RT: 6.53 min Scan# 756

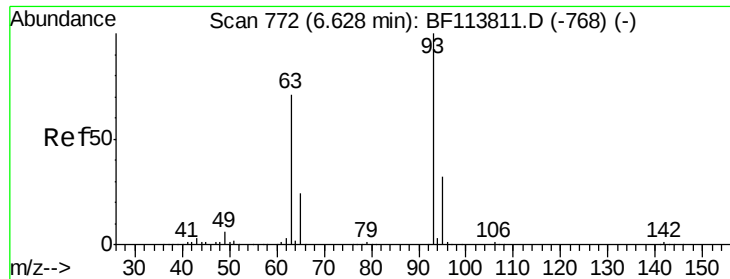
Delta R.T. 0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Tgt Ion:	94	Resp:	505244
Ion	Ratio	Lower	Upper
94	100		
65	25.9	8.1	48.1
66	33.6	16.6	56.6





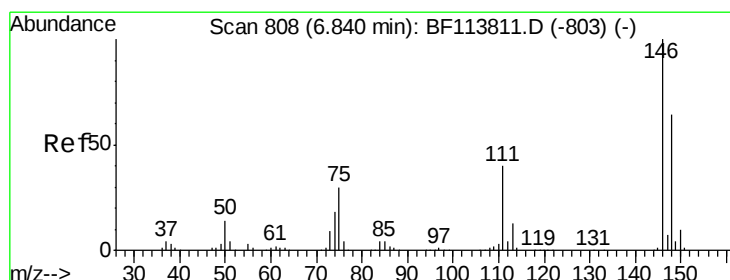
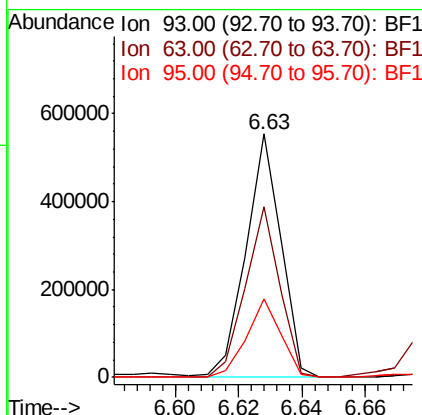
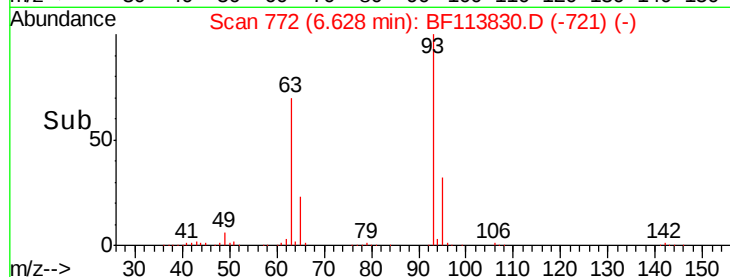
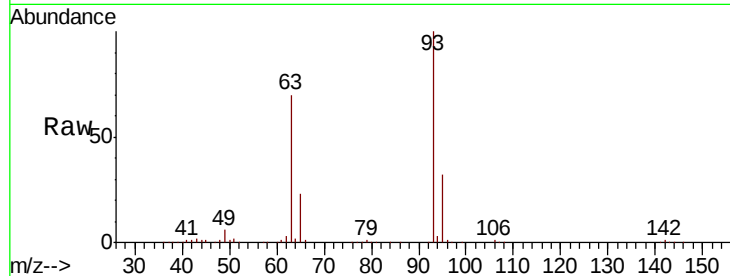
#11
bis(2-Chloroethyl)ether
Concen: 37.360 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion:	93	Resp:	422230
Ion Ratio	Lower	Upper	
93	100		
63	70.1	50.7	90.7
95	32.1	12.3	52.3

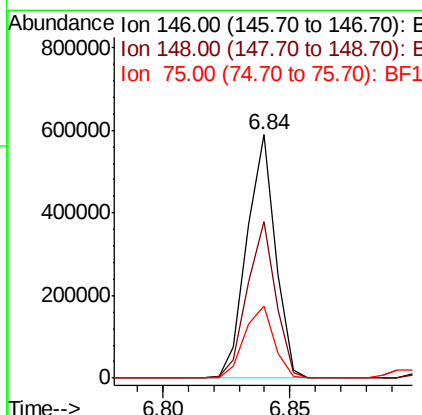
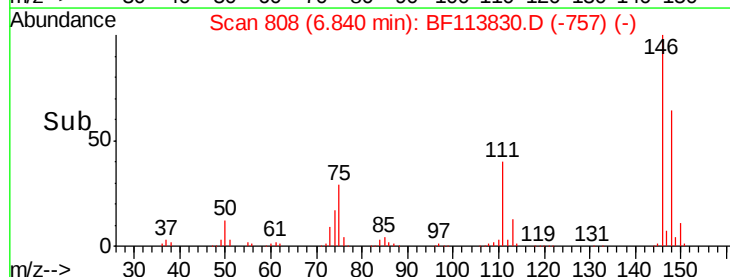
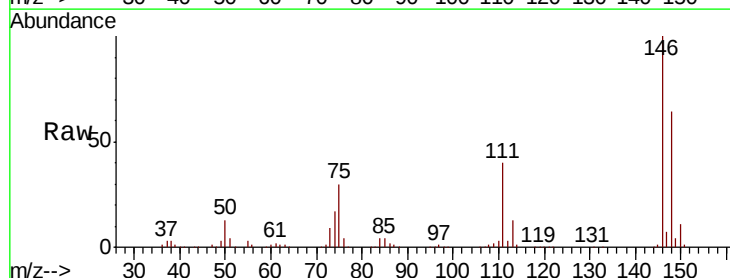
Manual Integrations
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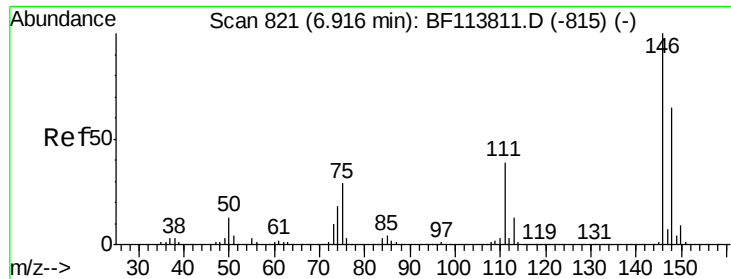
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#12
1,3-Dichlorobenzene
Concen: 37.307 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion:	146	Resp:	463266
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.0	76.6
75	29.6	23.8	35.8





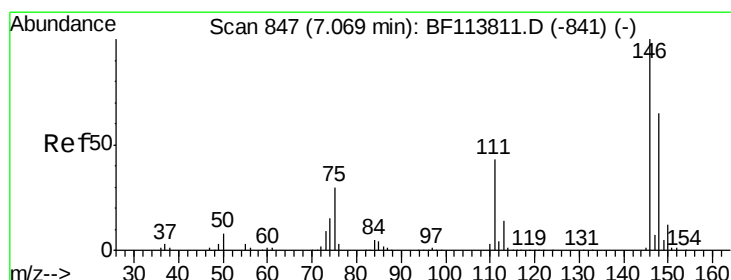
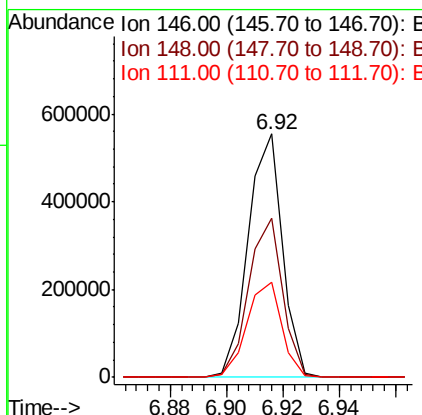
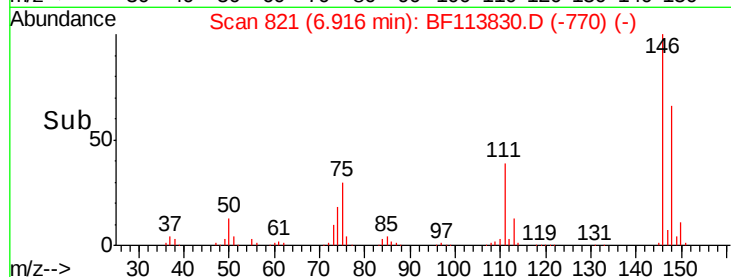
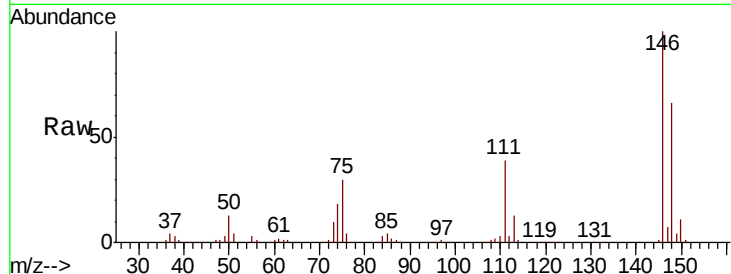
#13
 1,4-Dichlorobenzene
 Concen: 37.492 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.8
111	39.1	30.9	46.3

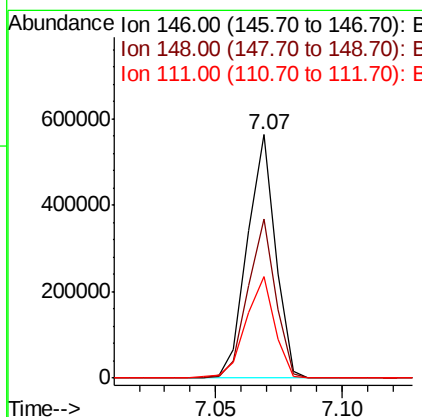
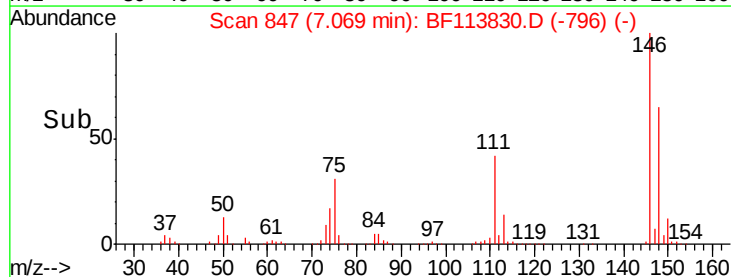
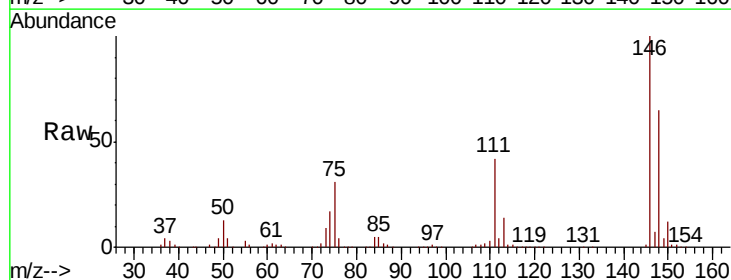
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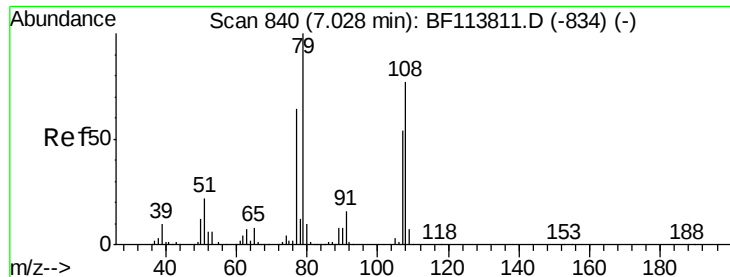
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#14
 1,2-Dichlorobenzene
 Concen: 38.000 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.1	78.1
111	41.9	34.2	51.4





#15

Benzyl Alcohol

Concen: 36.793 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

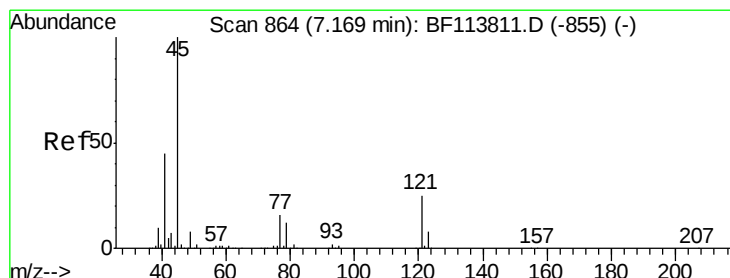
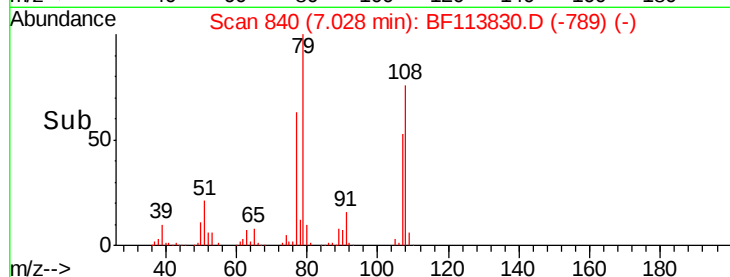
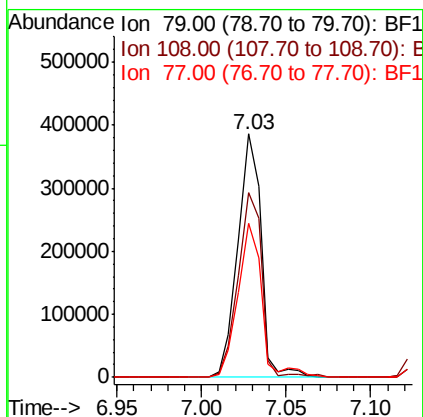
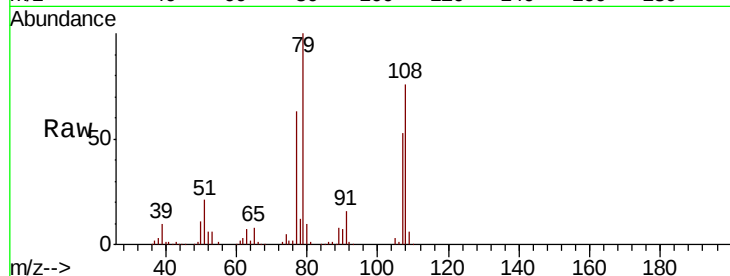
ClientSampleID :

TP-18-SMS

Tot Ion:	79	Resp:	370169
Ion Ratio	Lower	Upper	
79	100		
108	76.1	61.4	92.0
77	63.5	51.6	77.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.088 ng

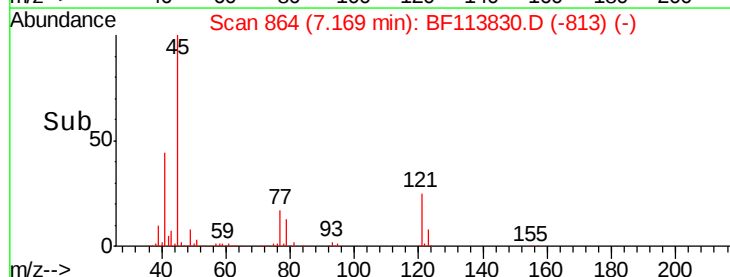
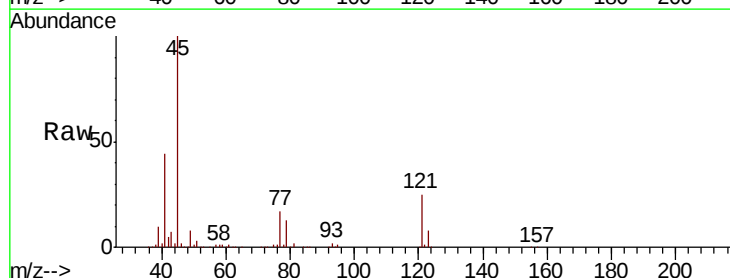
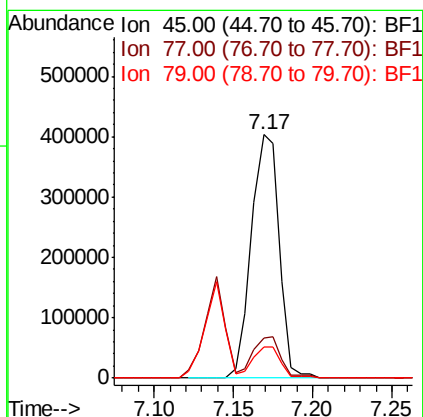
RT: 7.17 min Scan# 864

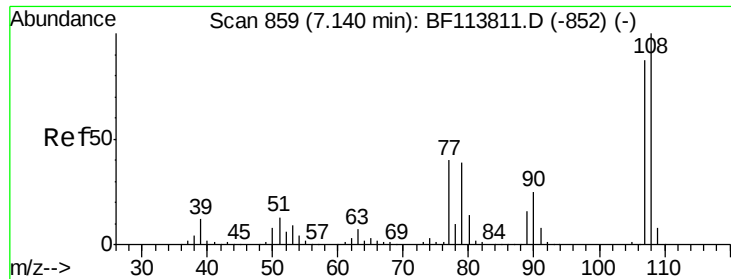
Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Tgt Ion:	45	Resp:	494712
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	37.0
79	12.8	0.0	32.7





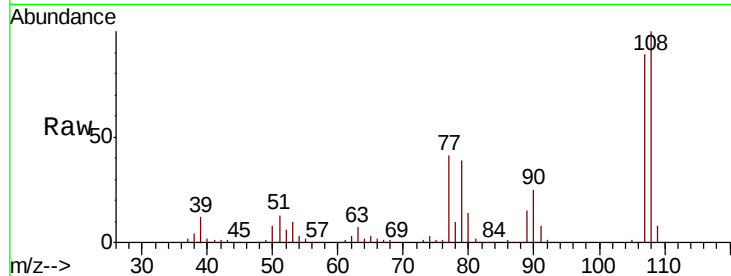
#17
2-Methylphenol
Concen: 35.924 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	91.5	137.3	
77	46.3	36.2	54.4	
79	44.1	35.4	53.0	

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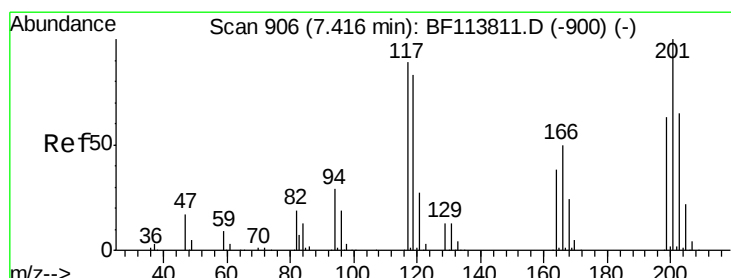
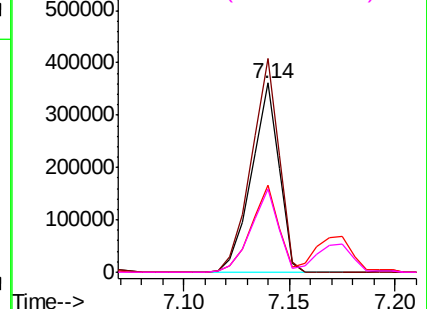
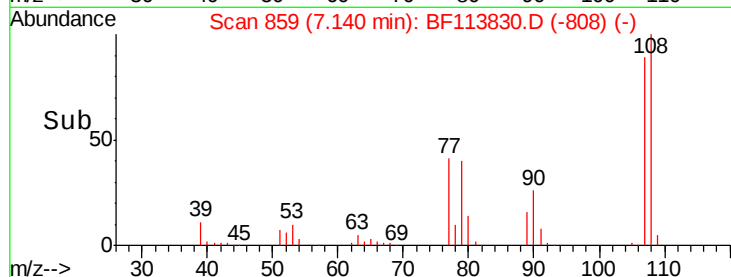
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

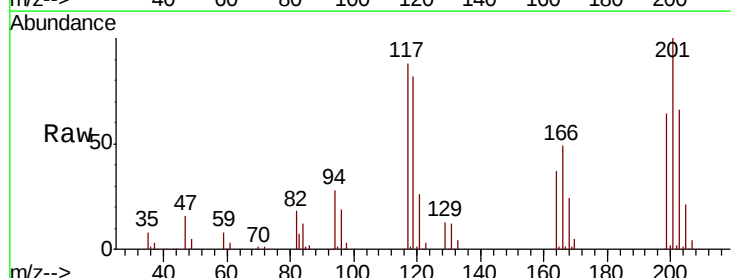
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.544 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	74.4	111.6	
201	113.7	90.2	135.2	

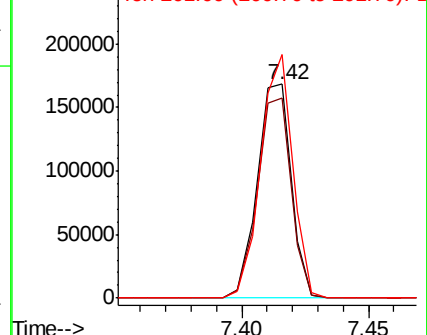
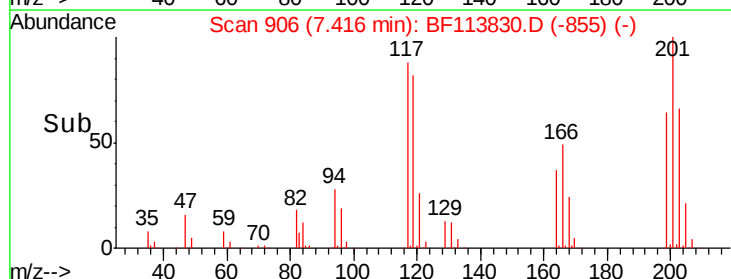


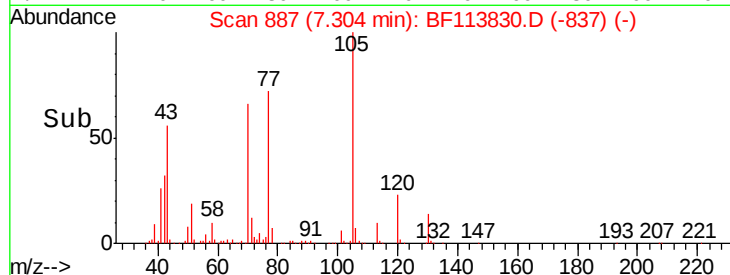
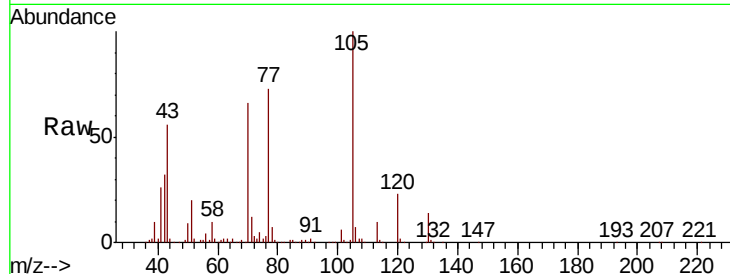
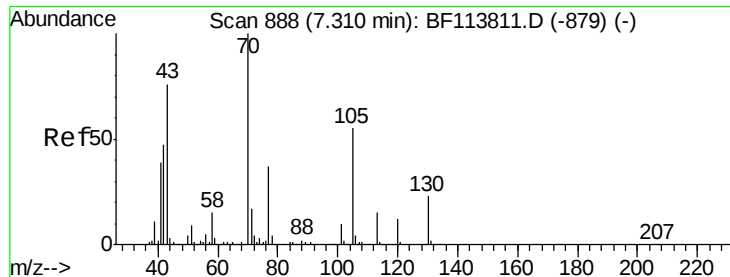
Abundance

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





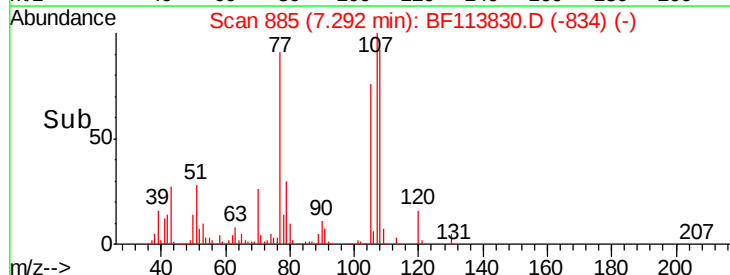
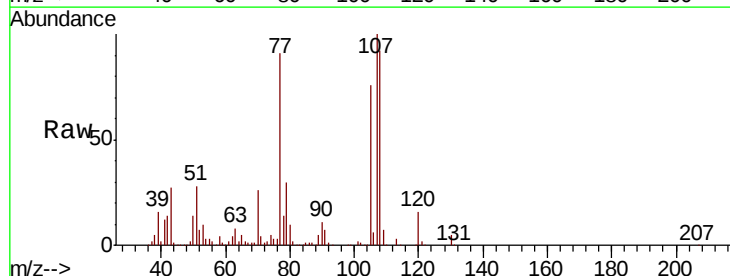
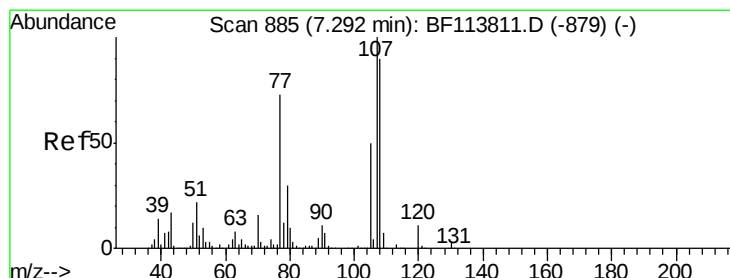
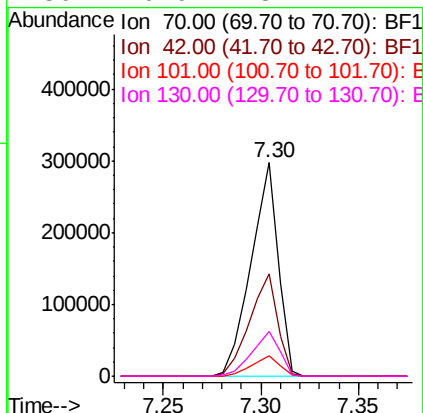
#19
n-Nitroso-di-n-propylamine
Concen: 34.710 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.7	37.3	55.9		
101	9.4	7.8	11.8		
130	20.9	18.2	27.2		

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

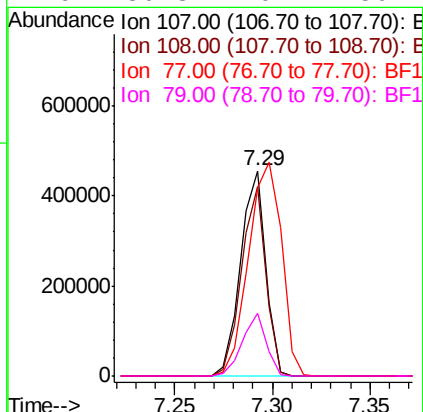
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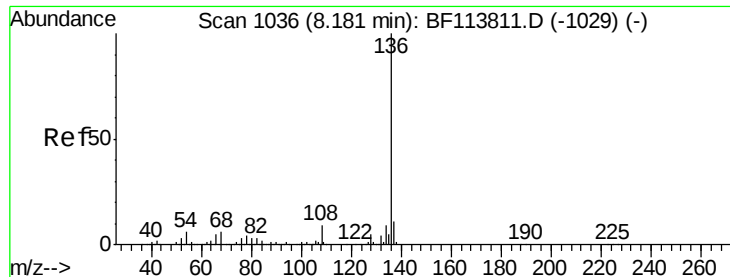
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#20
3+4-Methylphenols
Concen: 37.106 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.1	70.1	110.1		
77	91.4	52.9	92.9		
79	30.3	10.2	50.2		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

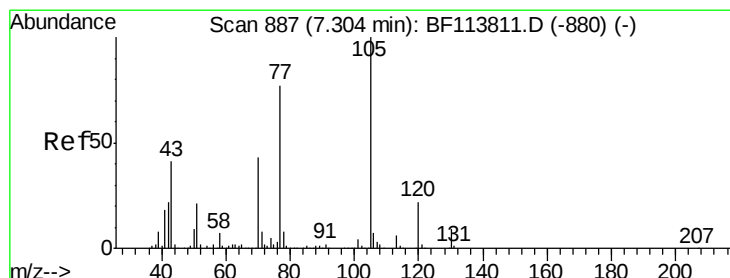
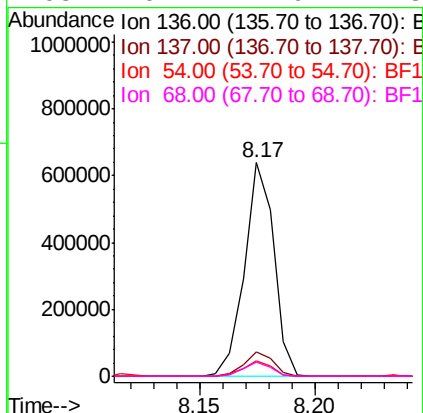
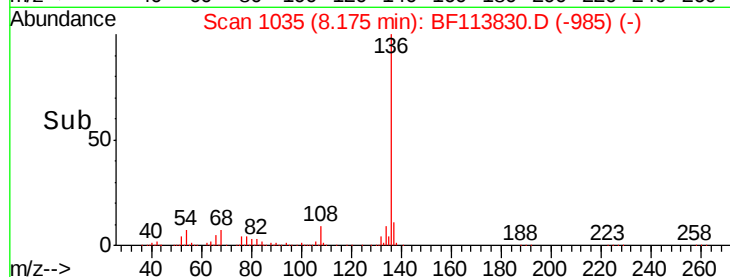
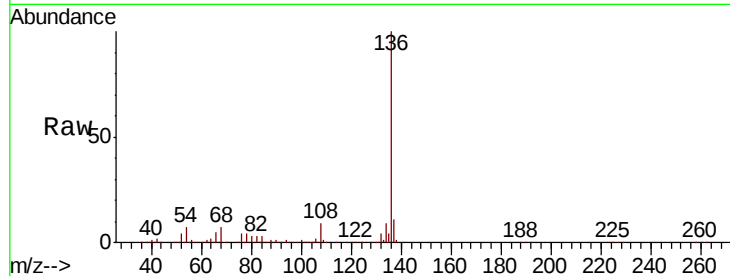
ClientSampleId :

TP-18-SMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.6	12.8	
54	7.1	5.0	7.6	
68	6.7	4.9	7.3	

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#22

Acetophenone

Concen: 43.204 ng

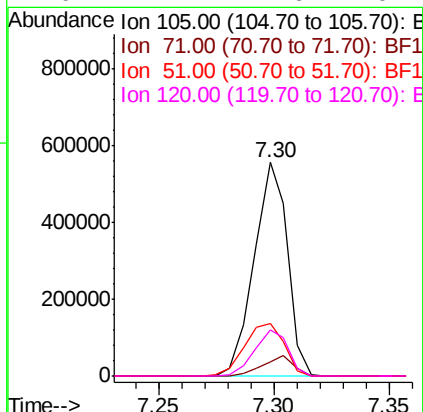
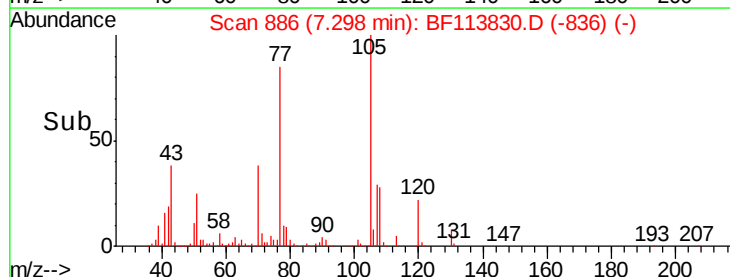
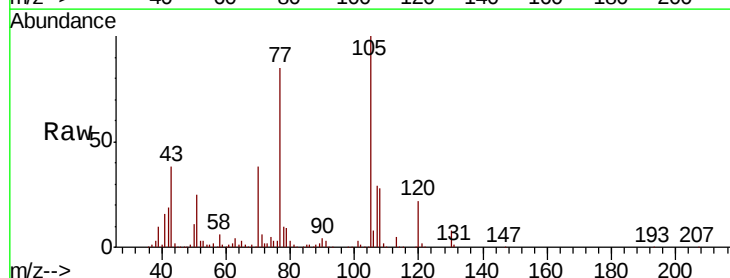
RT: 7.30 min Scan# 886

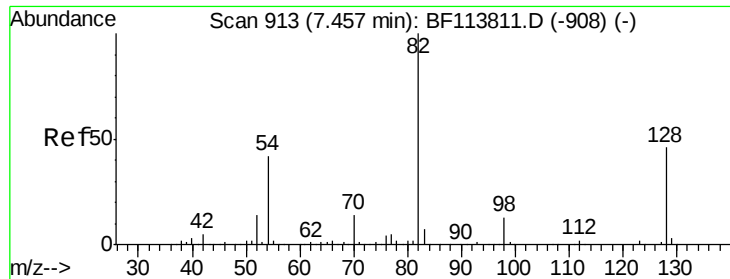
Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	6.1	9.1	
51	24.8	16.8	25.2	
120	21.7	17.6	26.4	





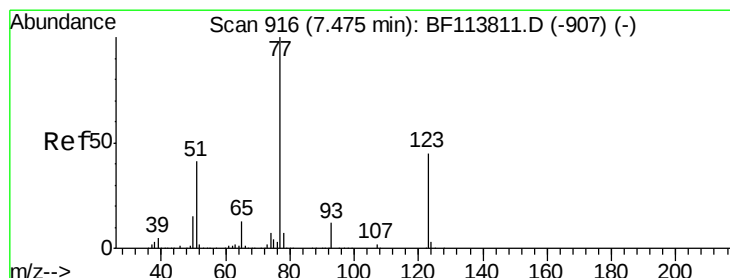
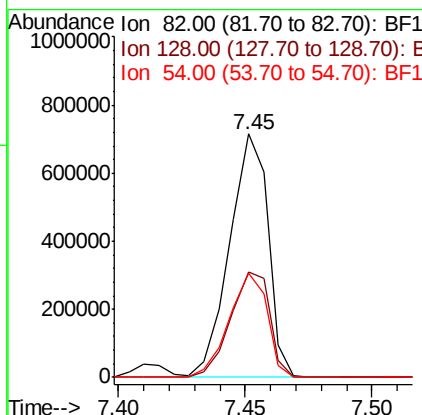
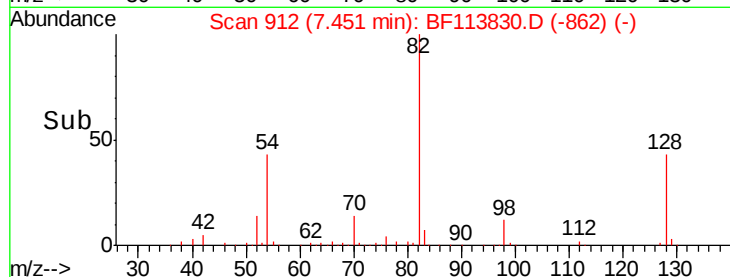
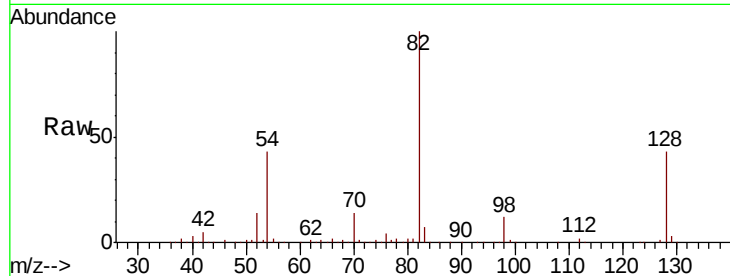
#23
Nitrobenzene-d5
Concen: 80.280 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	750809		
128	43.3		36.8	55.2
54	43.0		33.8	50.6

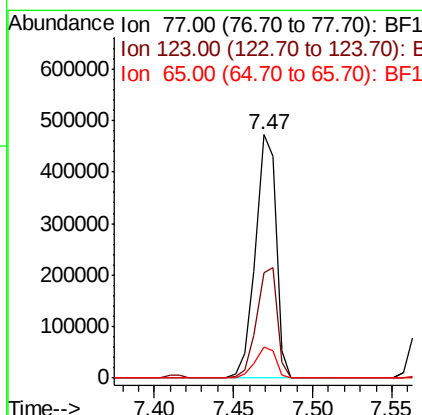
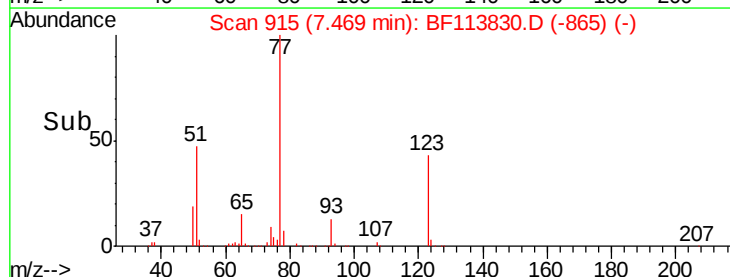
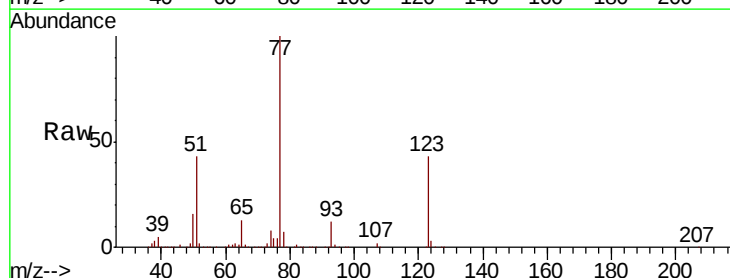
Manual Integrations
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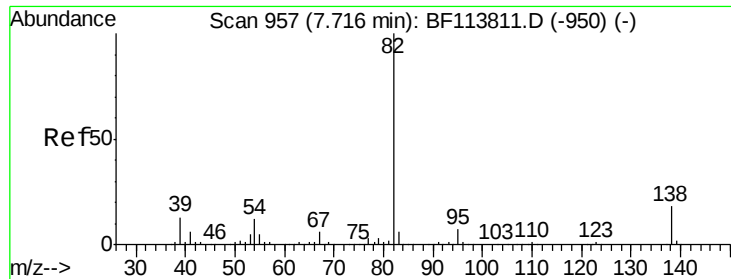
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#24
Nitrobenzene
Concen: 41.119 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	432209		
123	43.4		36.3	54.5
65	12.9		10.3	15.5





#25

Isophorone

Concen: 38.944 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

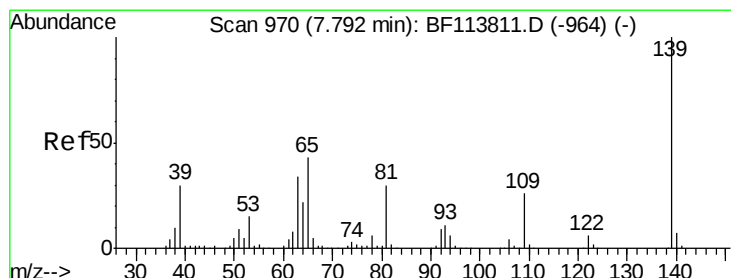
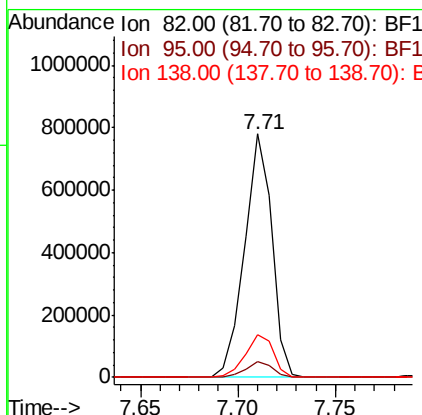
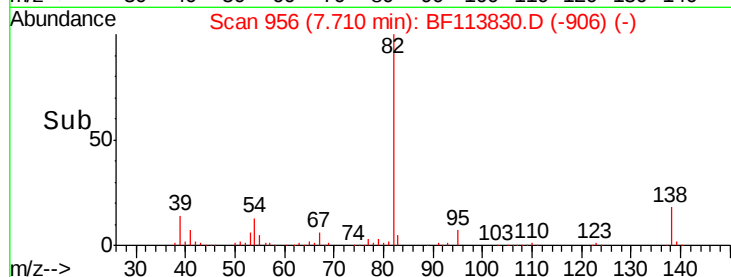
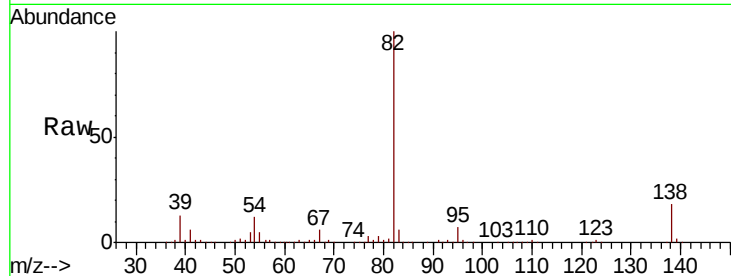
ClientSampled :

TP-18-SMS

Tot Ion:	82	Resp:	754117
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.2
138	17.7	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.337 ng

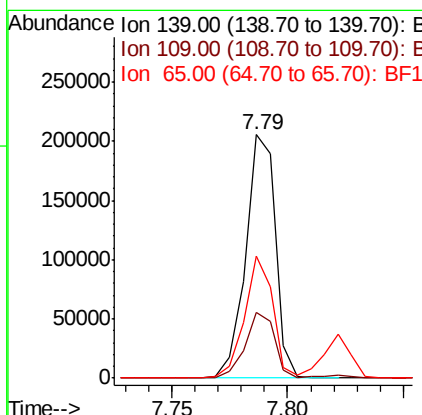
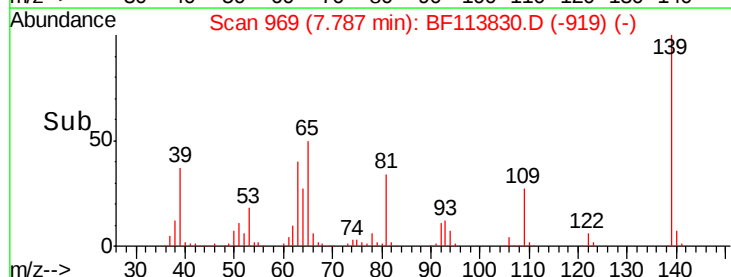
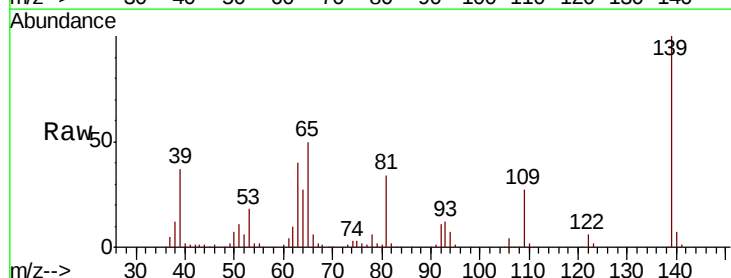
RT: 7.79 min Scan# 969

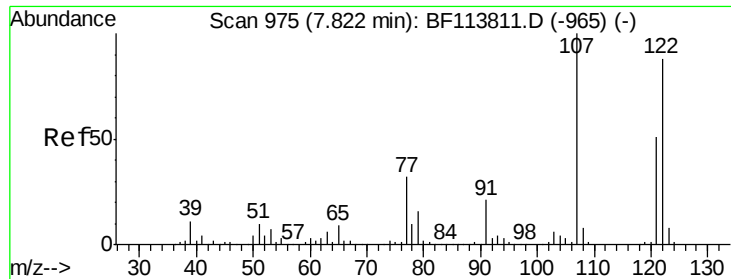
Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Tgt Ion:	139	Resp:	185137
Ion Ratio	Lower	Upper	
139	100		
109	26.9	20.6	31.0
65	50.2	34.6	52.0





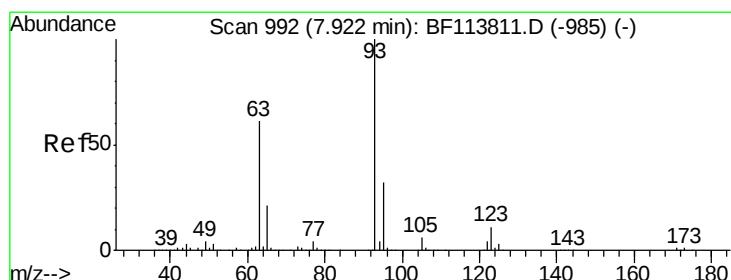
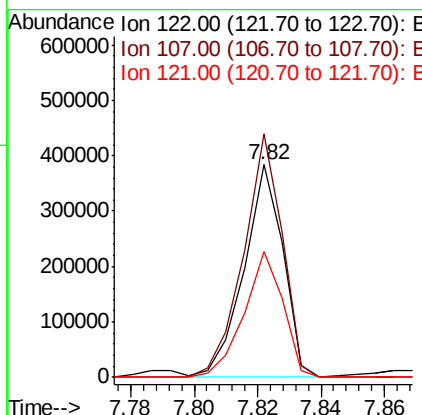
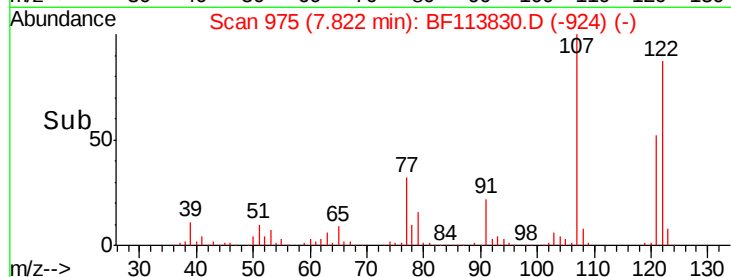
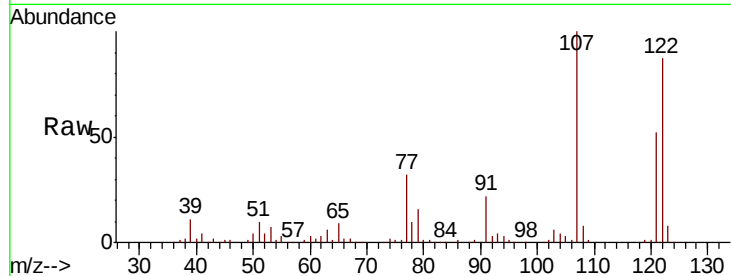
#27
2,4-Dimethylphenol
Concen: 41.129 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.2	136.8
121	59.2	46.4	69.6

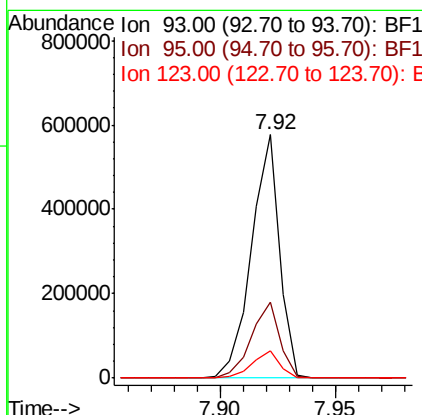
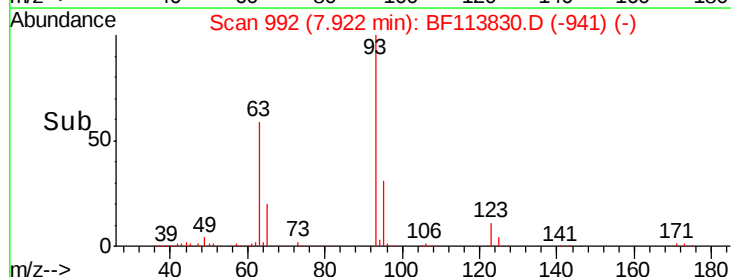
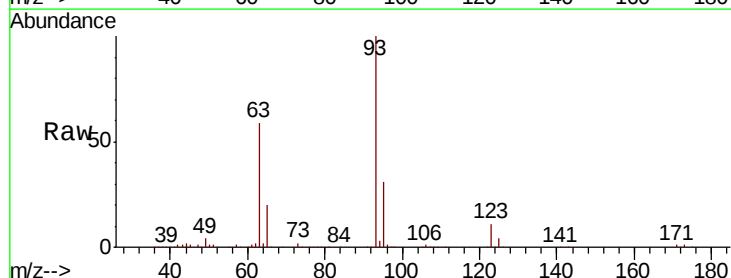
Manual Integrations
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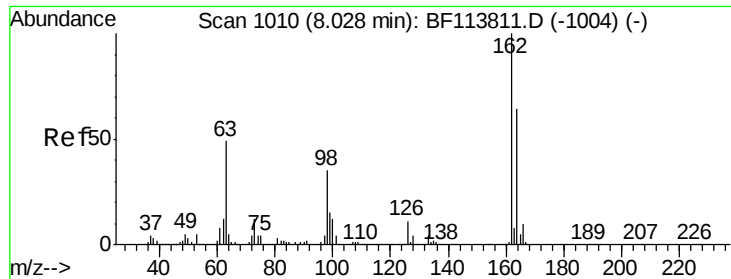
Sohil
4/23/2019 8:16:46 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.986 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.8	38.6
123	11.3	9.0	13.6





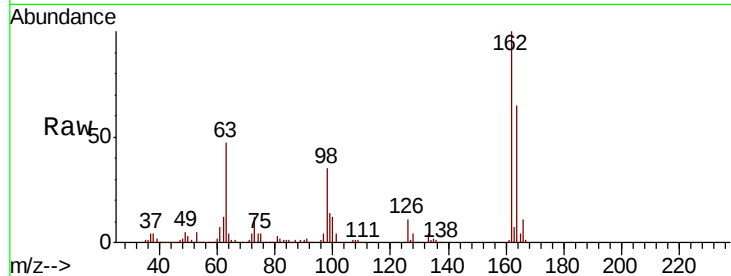
#29
2,4-Dichlorophenol
Concen: 39.122 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampled :
TP-18-SMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	332339		
164	64.8	43.7	83.7	
98	35.0	15.5	55.5	

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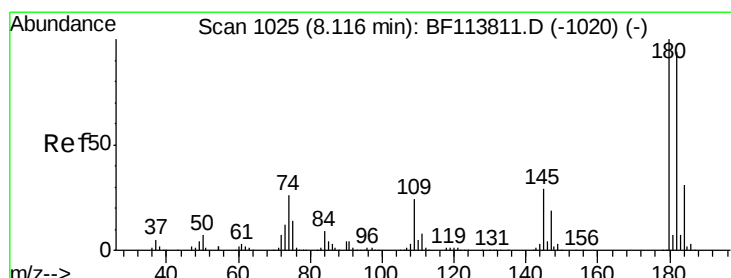
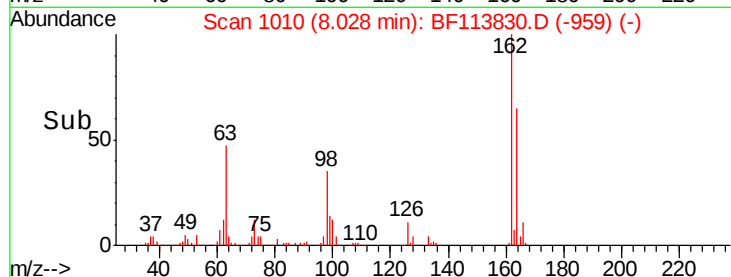
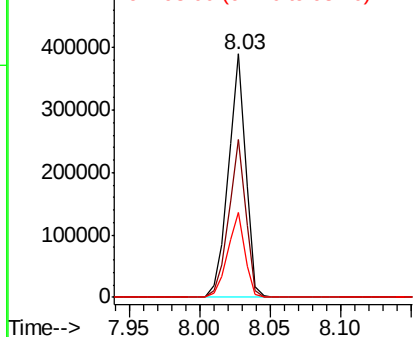


Abundance

Ion 162.00 (161.70 to 162.70): E

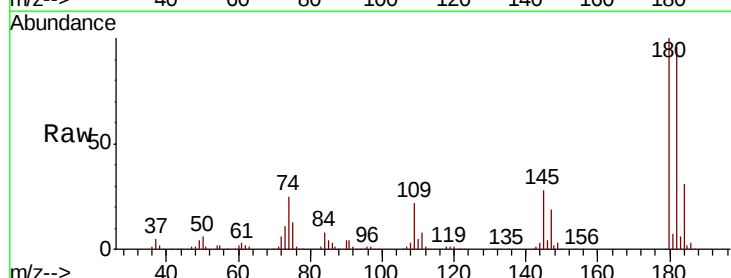
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.382 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	381047		
182	95.8	75.4	113.0	
145	28.2	23.0	34.4	

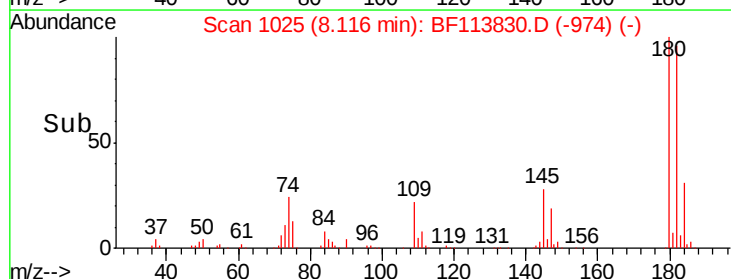
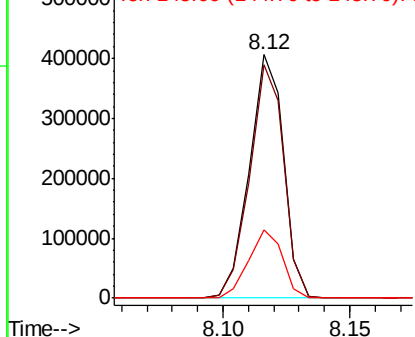


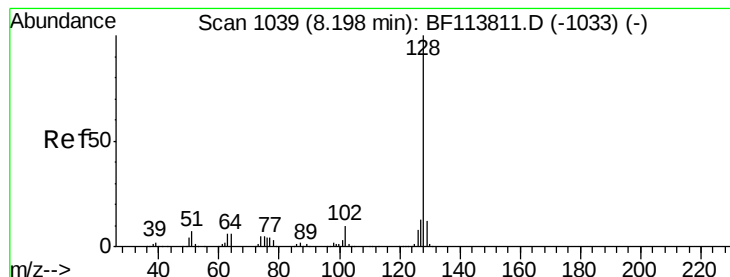
Abundance

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: 40.906 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

TP-18-SMS

Tot Ion:128 Resp: 1101973

Ion Ratio Lower Upper

128 100

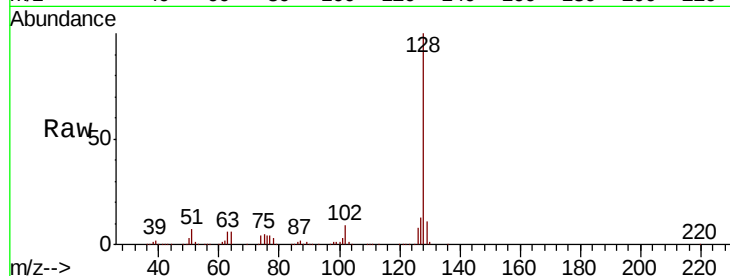
129 11.3 9.4 14.0

127 13.4 10.8 16.2

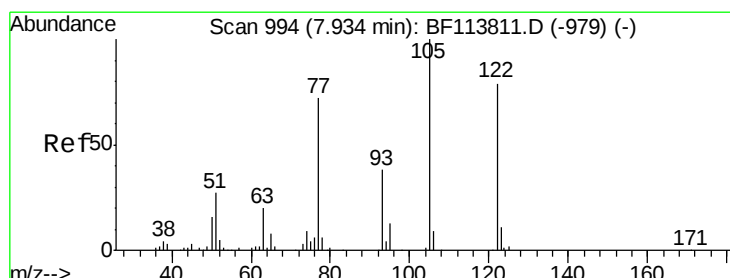
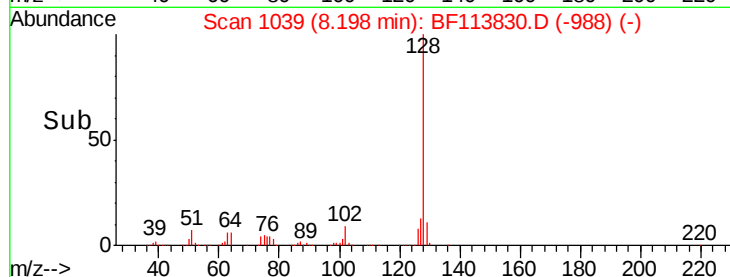
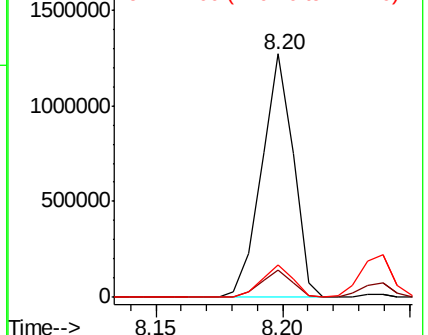
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.027 ng m

RT: 7.86 min Scan# 982

Delta R.T. -0.07 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

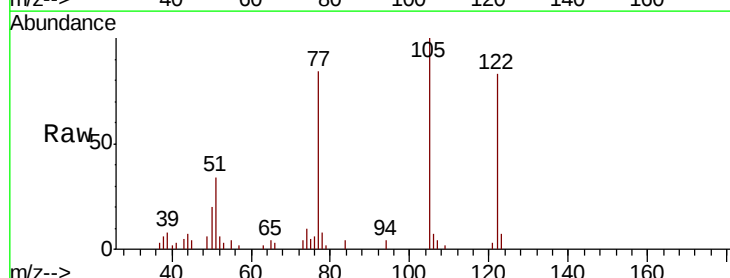
Tgt Ion:122 Resp: 12654

Ion Ratio Lower Upper

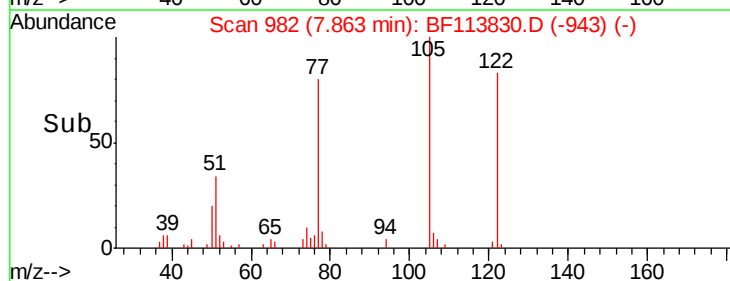
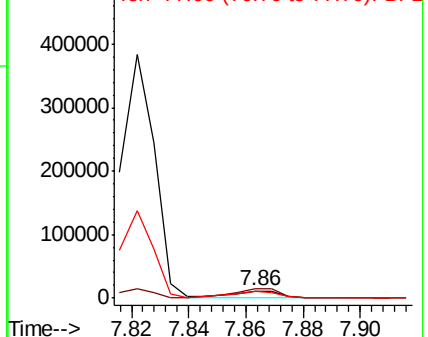
122 100

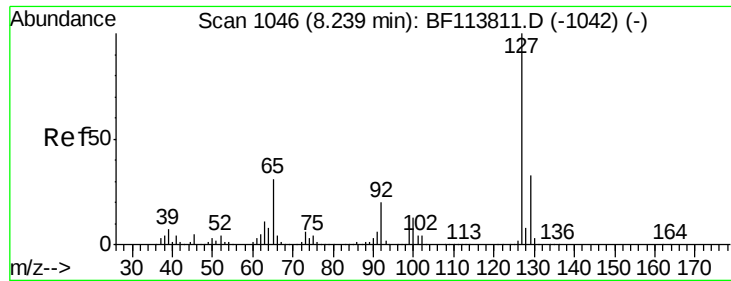
105 119.8 104.3 144.3

77 100.5 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





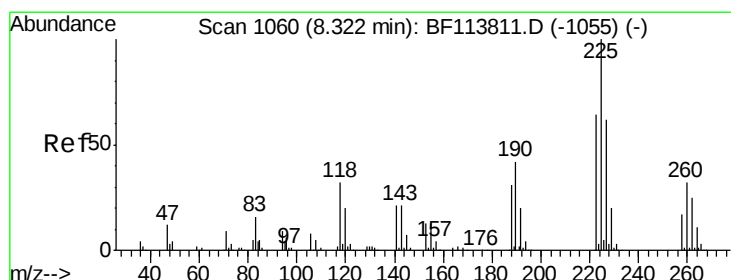
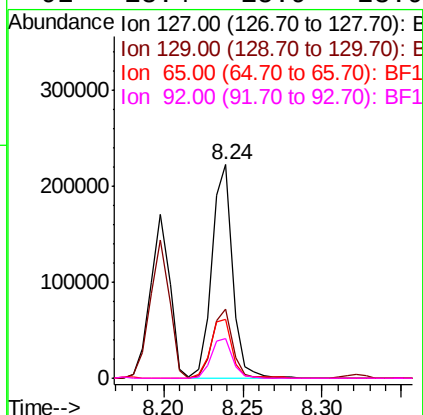
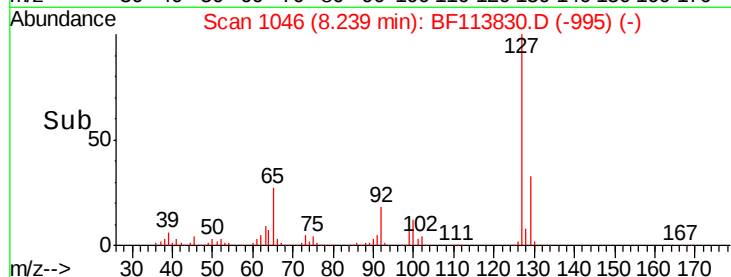
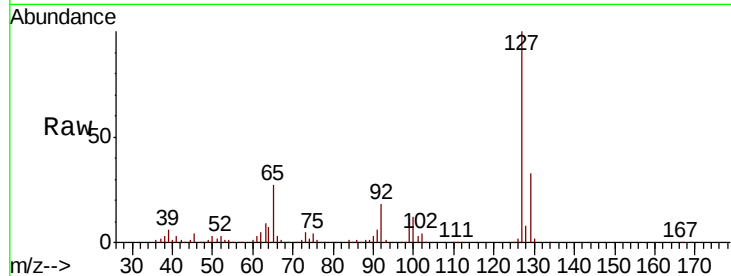
#33
4-Chloroaniline
Concen: 17.716 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.4	39.6	
65	27.4	24.9	37.3	
92	18.4	15.9	23.9	

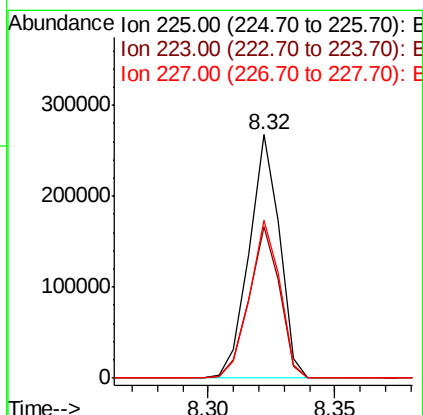
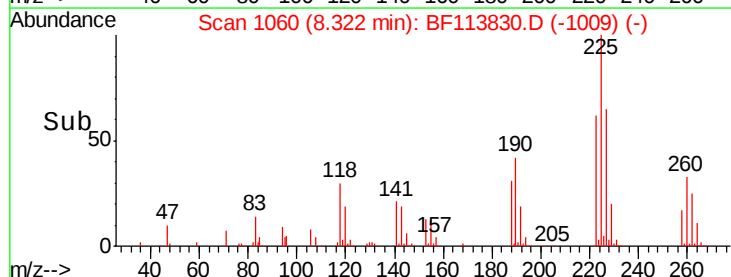
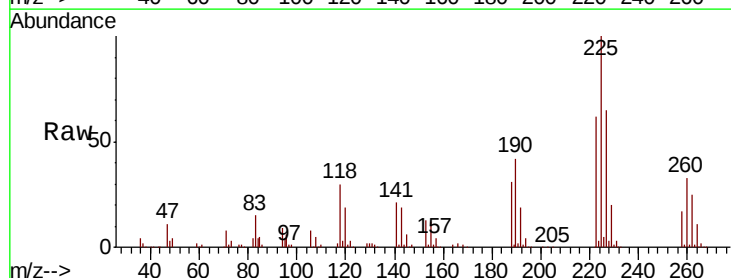
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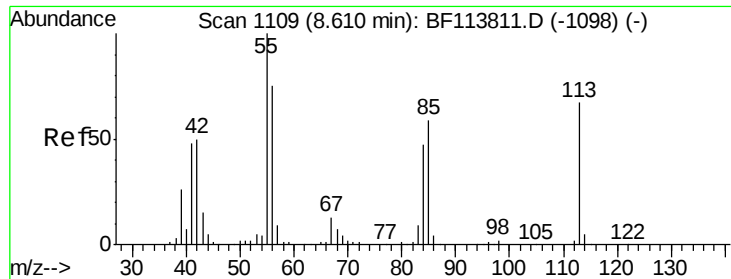
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#34
Hexachlorobutadiene
Concen: 38.726 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	51.1	76.7	
227	64.6	49.9	74.9	





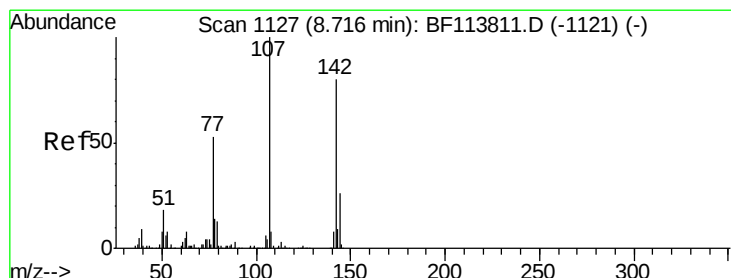
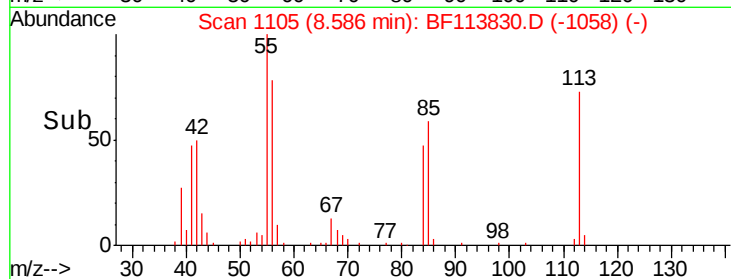
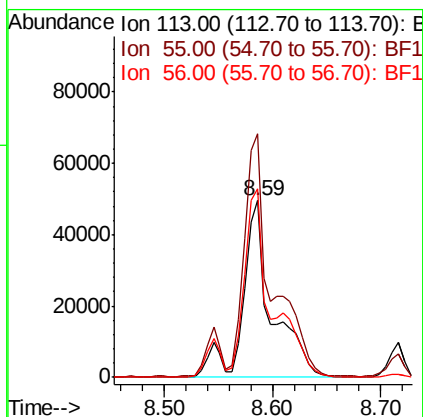
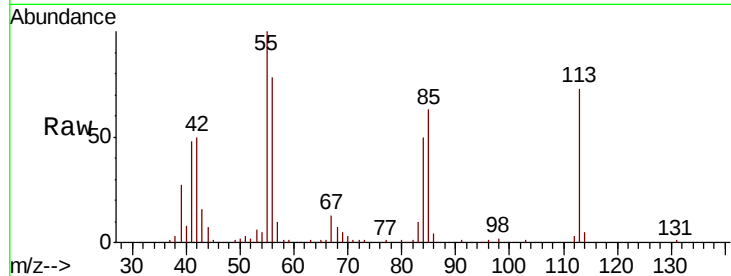
#35
 Caprolactam
 Concen: 33.660 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	137.7	128.6	168.6	
56	106.8	91.9	131.9	

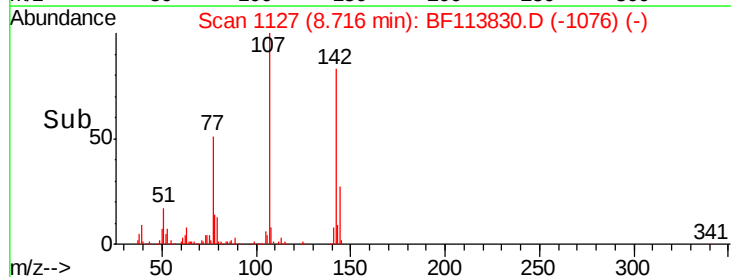
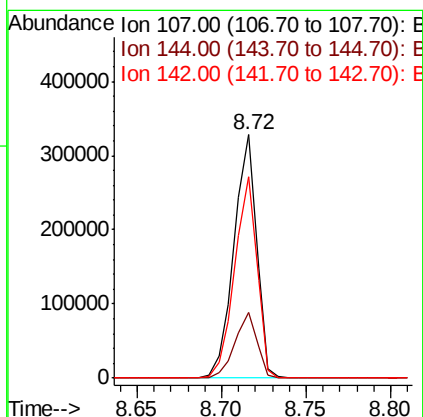
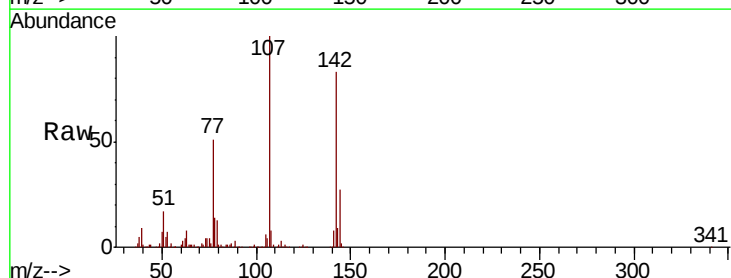
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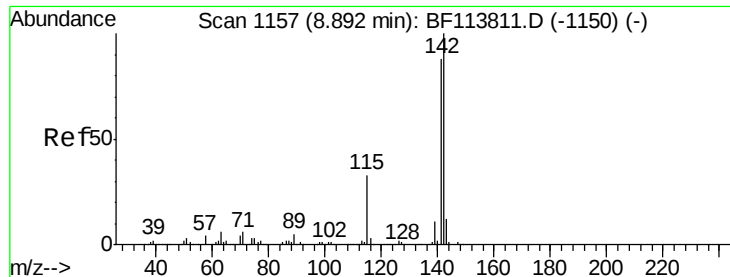
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#36
 4-Chloro-3-methylphenol
 Concen: 36.364 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.7	20.5	30.7	
142	82.9	64.2	96.4	





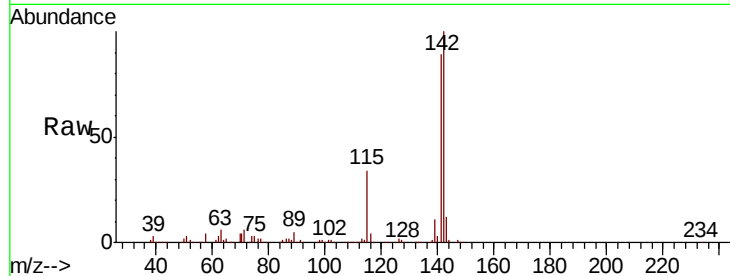
#37
2-Methylnaphthalene
Concen: 38.639 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	34.1	26.3	39.5

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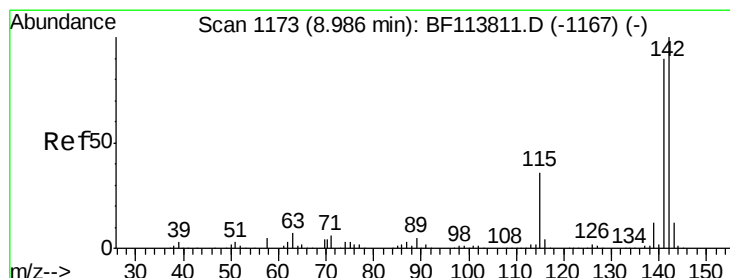
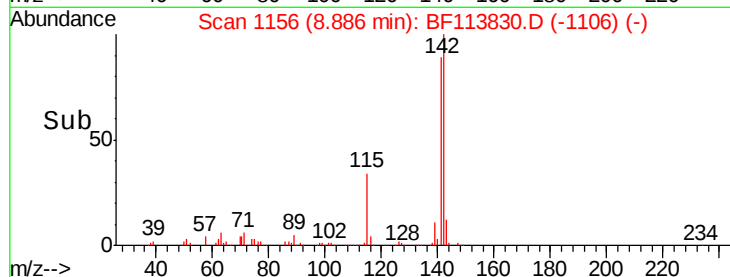
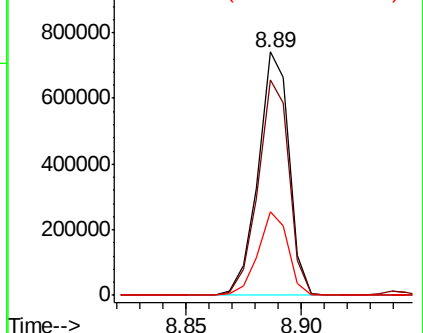


Abundance

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: 37.512 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

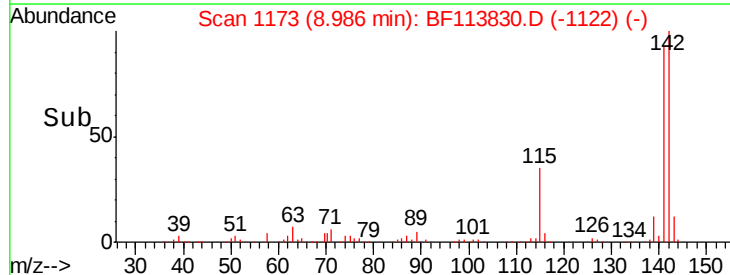
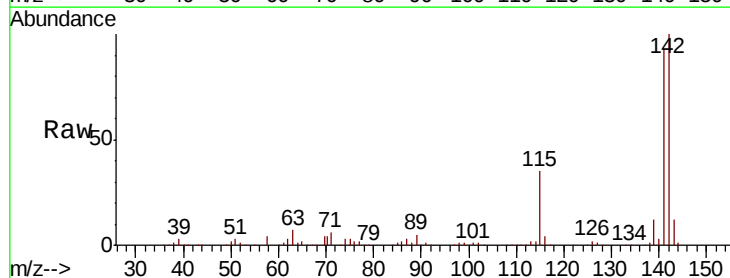
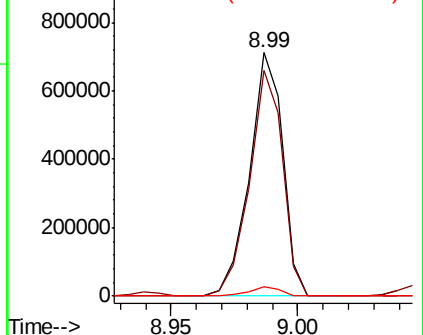
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.3	108.5
116	3.7	3.0	4.4

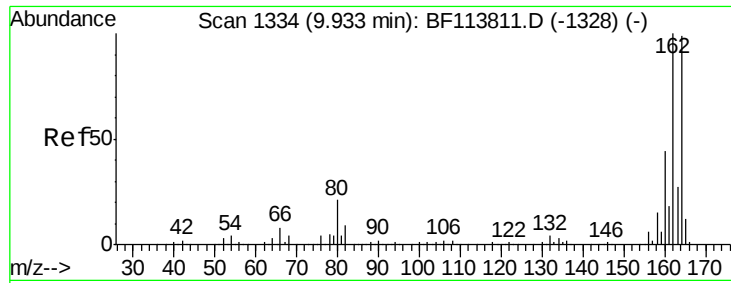
Abundance

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





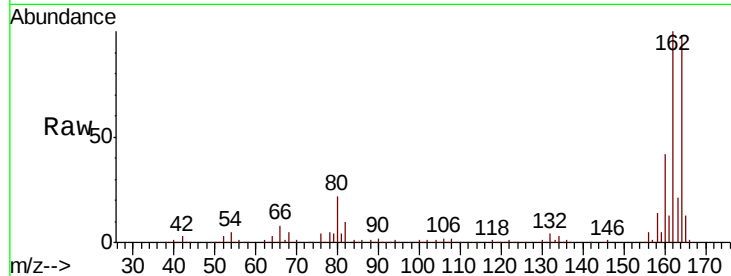
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.1	121.7
160	43.3	35.8	53.6

Manual Integrations
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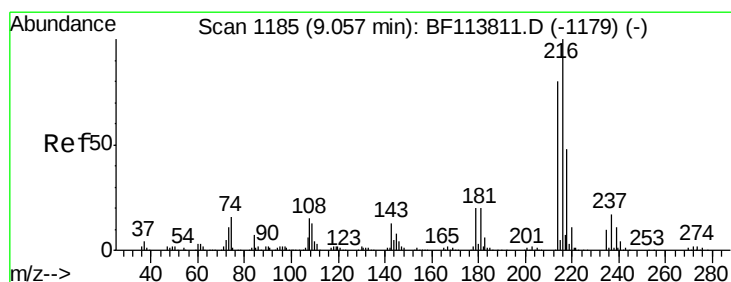
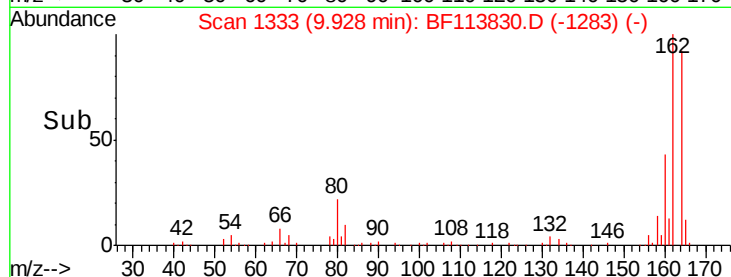
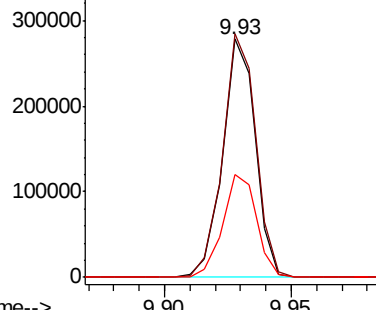


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.607 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.5	95.3
179	20.0	16.1	24.1
108	17.3	13.4	20.0

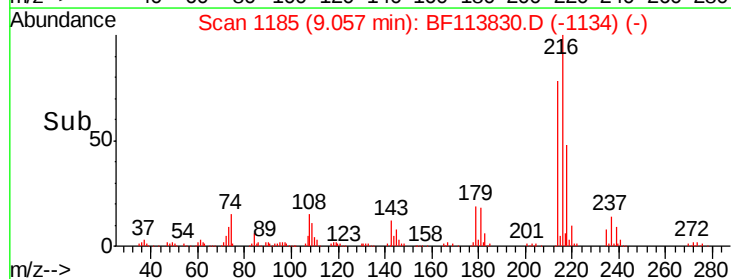
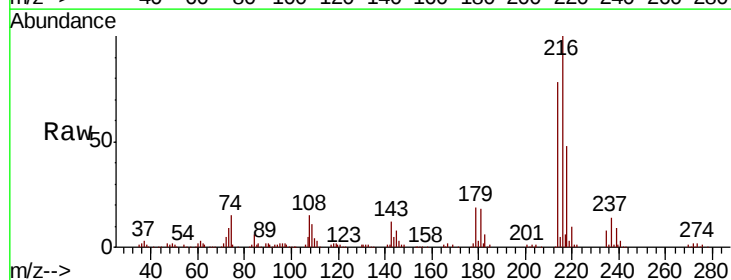
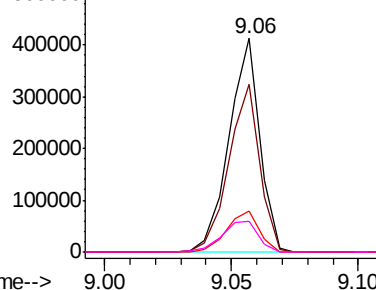
Abundance

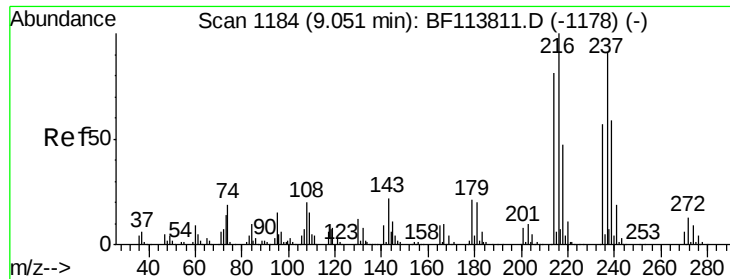
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 56.306 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

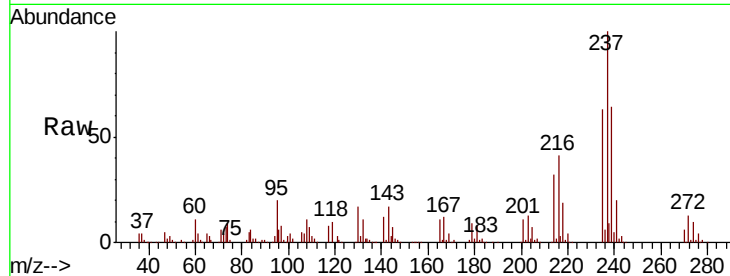
ClientSampleId :

TP-18-SMS

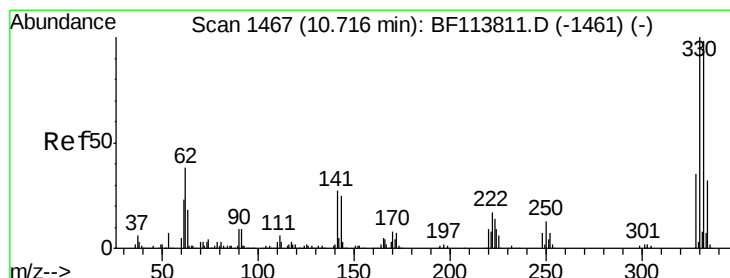
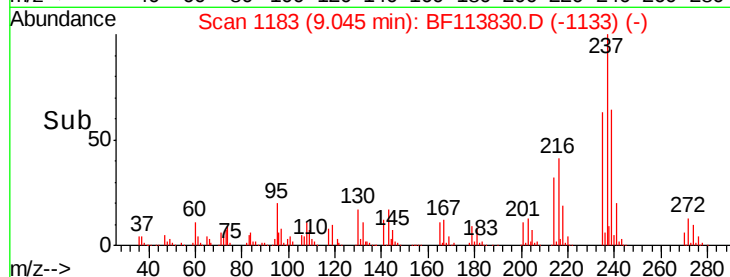
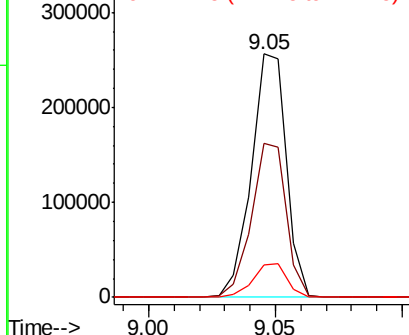
Tot Ion:	237	Resp:	246852
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.6	82.6
272	13.1	0.0	33.8

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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: 106.952 ng

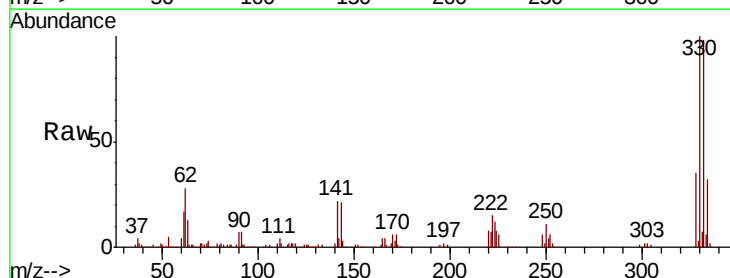
RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

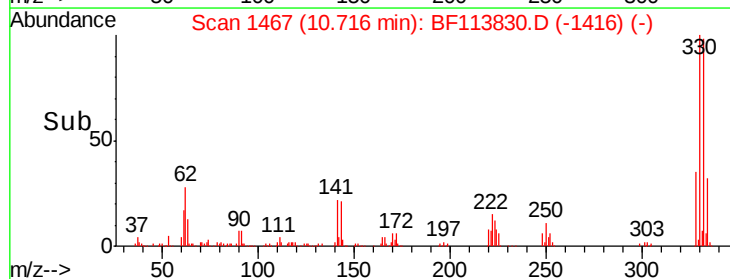
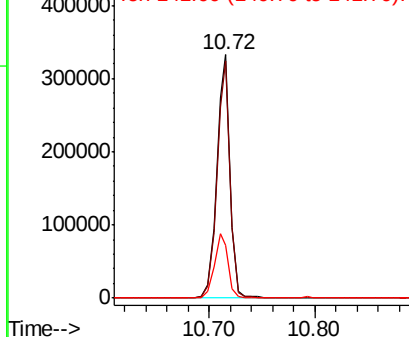
Lab File: BF113830.D

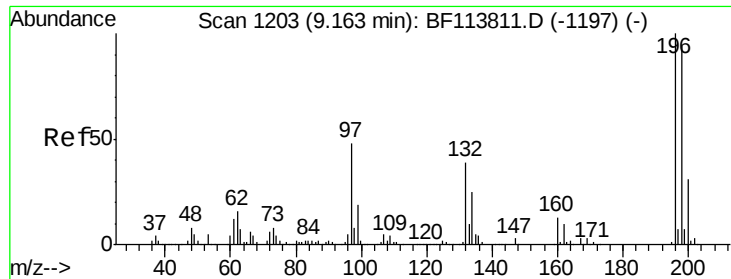
Acq: 18 Apr 2019 21:29

Tgt Ion:	330	Resp:	296949
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.5	116.3
141	27.3	22.2	33.2



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





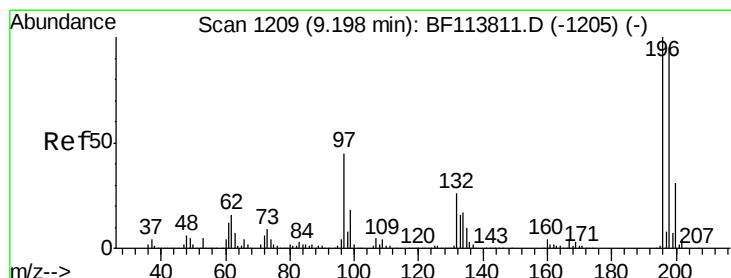
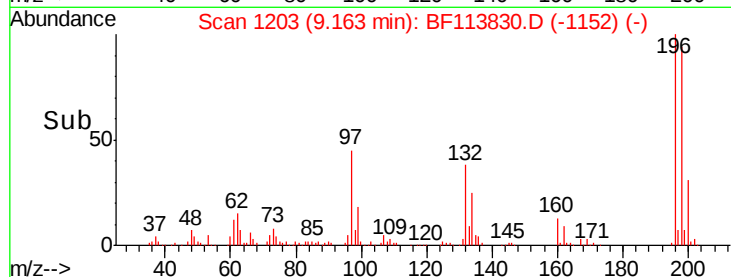
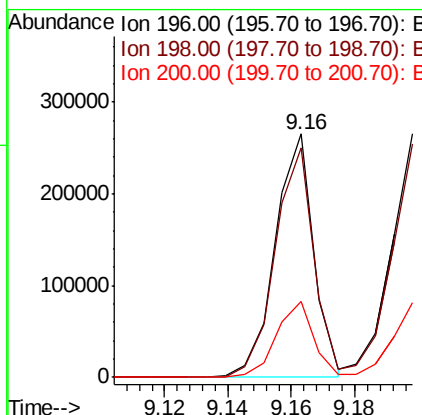
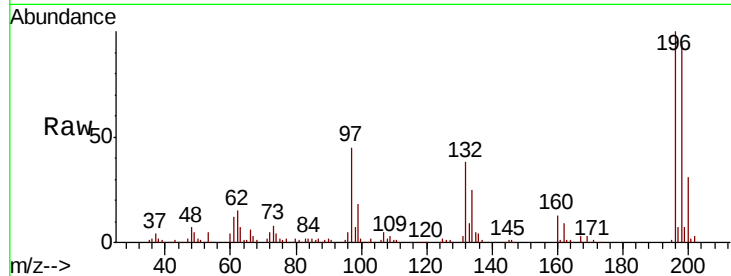
#43
2,4,6-Trichlorophenol
Concen: 43.582 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	223728		
198	94.1	75.6	113.4	
200	31.0	24.7	37.1	

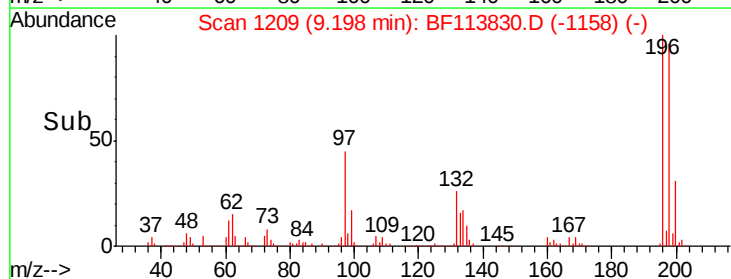
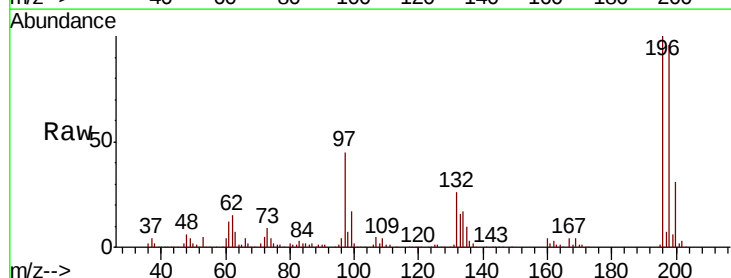
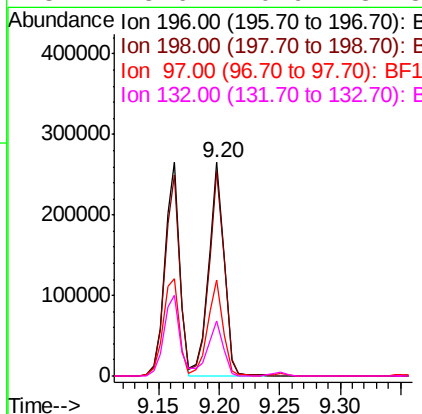
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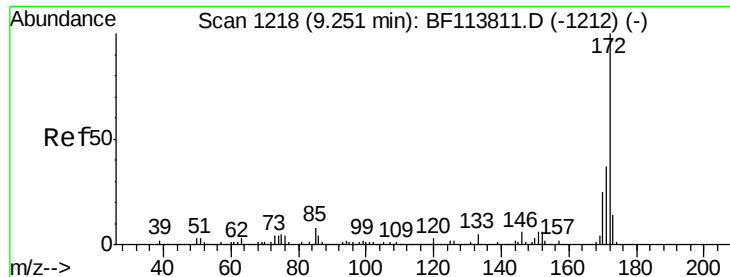
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#44
2,4,5-Trichlorophenol
Concen: 42.371 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234732		
198	95.7	76.2	114.4	
97	45.1	35.8	53.8	
132	25.6	20.9	31.3	





#45

2-Fluorobiphenyl

Concen: 67.931 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

TP-18-SMS

Tot Ion:172 Resp: 1119416

Ion Ratio Lower Upper

172 100

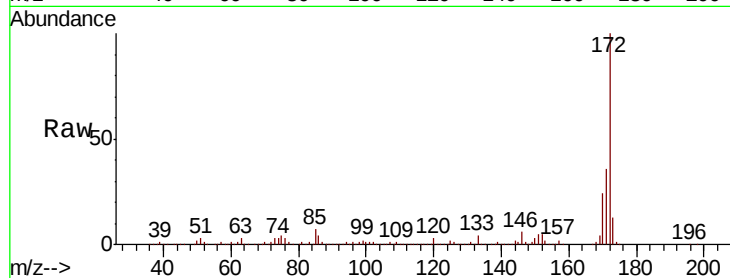
171 35.6 29.4 44.0

170 24.1 19.9 29.9

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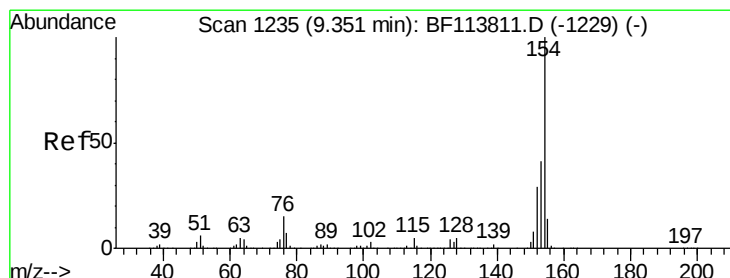
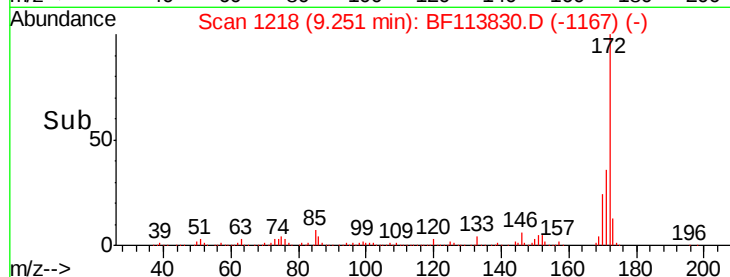
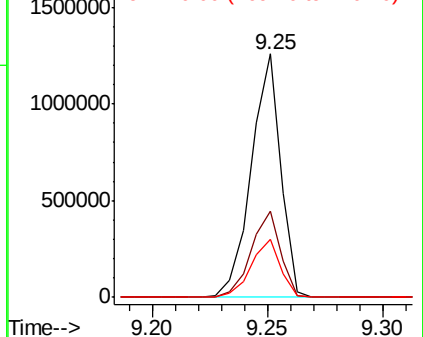
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.461 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

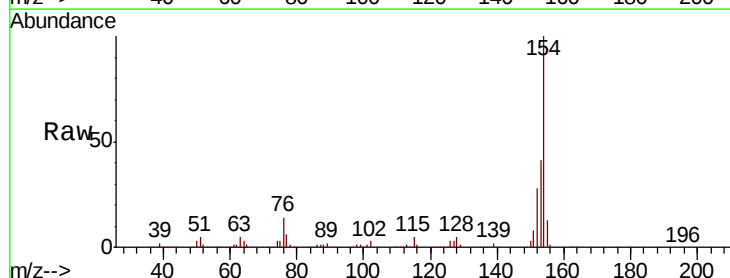
Tgt Ion:154 Resp: 826480

Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

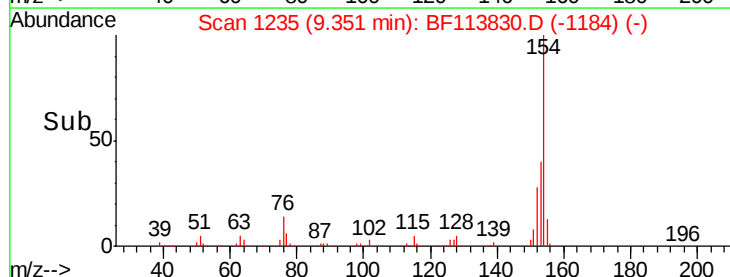
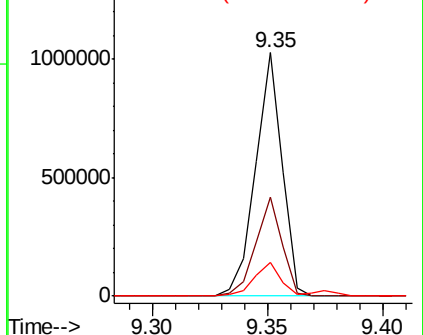
76 13.8 0.0 35.2

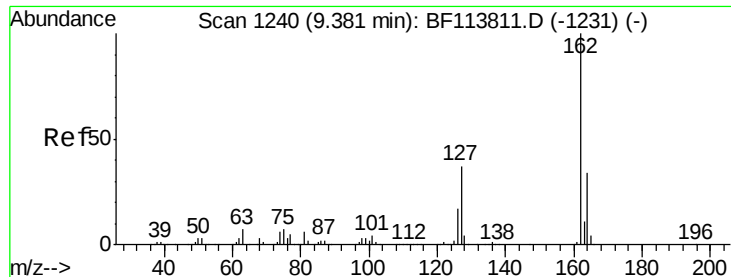


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 41.873 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

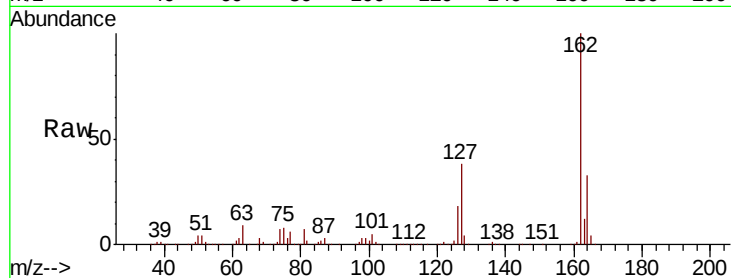
ClientSampled :

TP-18-SMS

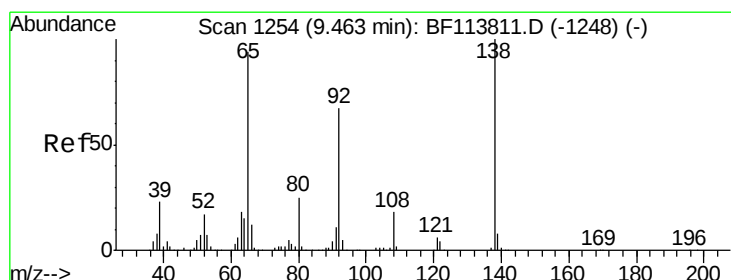
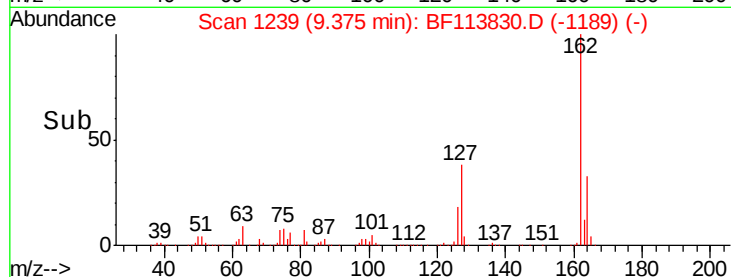
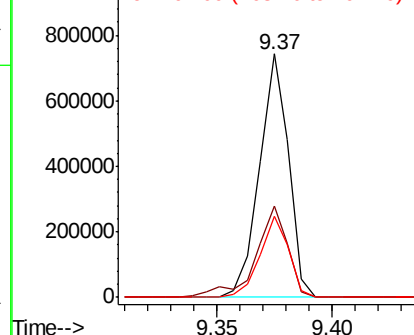
Tot Ion:	162	Resp:	651848
Ion Ratio	Lower	Upper	
162	100		
127	37.7	29.3	43.9
164	33.1	27.1	40.7

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



#48

2-Nitroaniline

Concen: 42.823 ng

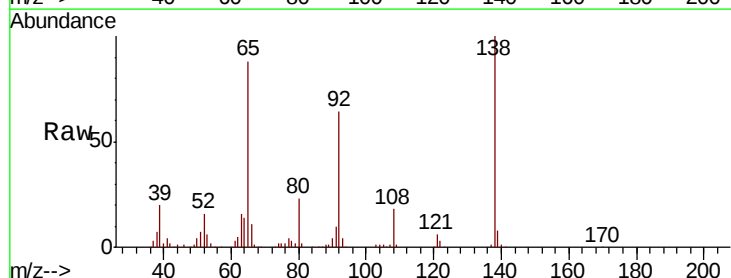
RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

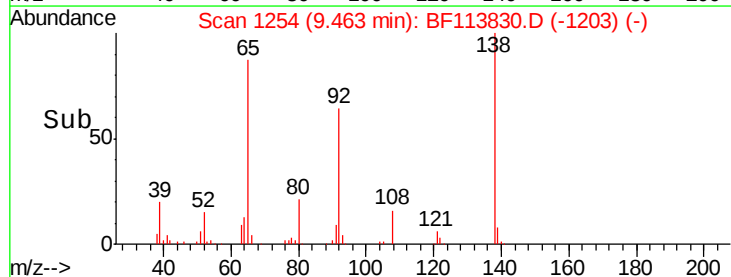
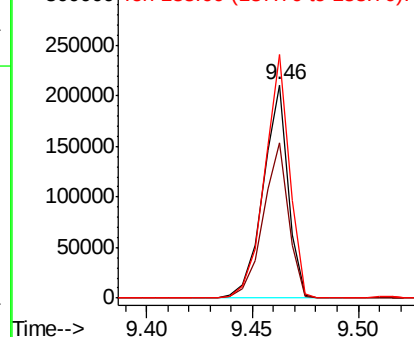
Lab File: BF113830.D

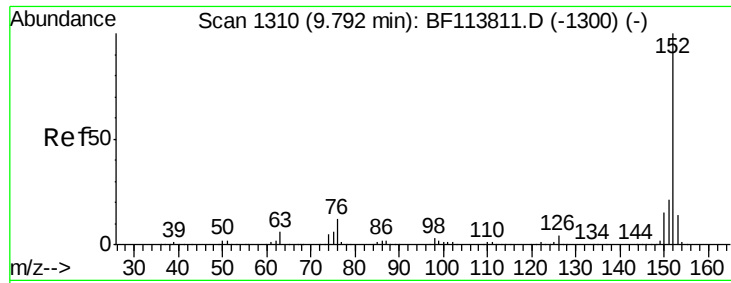
Acq: 18 Apr 2019 21:29

Tgt Ion:	65	Resp:	173469
Ion Ratio	Lower	Upper	
65	100		
92	73.1	57.4	86.0
138	114.2	85.4	128.0



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: 39.927 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

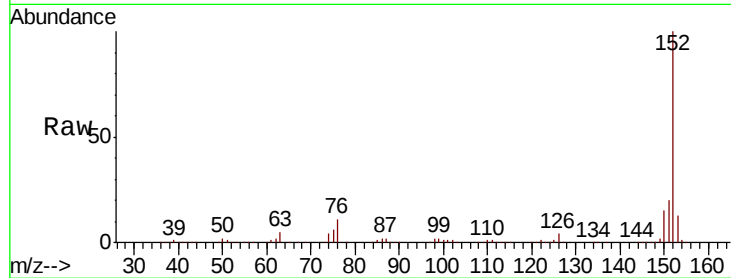
ClientSampleId :

TP-18-SMS

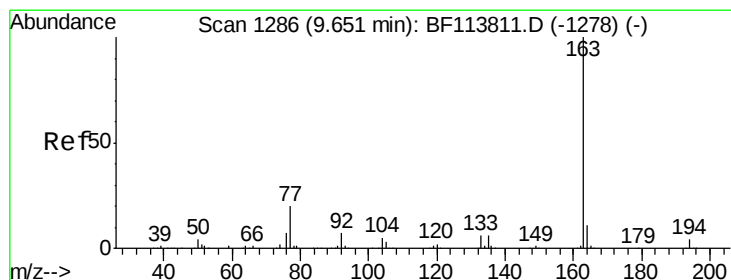
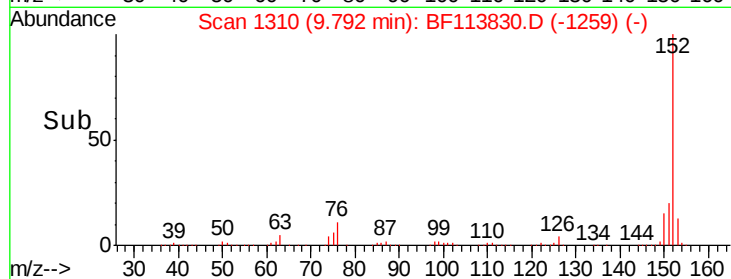
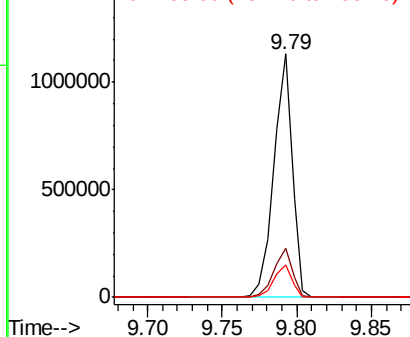
Tot Ion:	152	Resp:	972141
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.0	25.4
153	13.3	11.0	16.6

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



#50

Dimethylphthalate

Concen: 50.693 ng

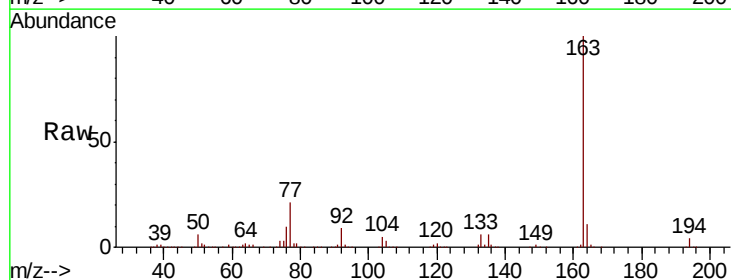
RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

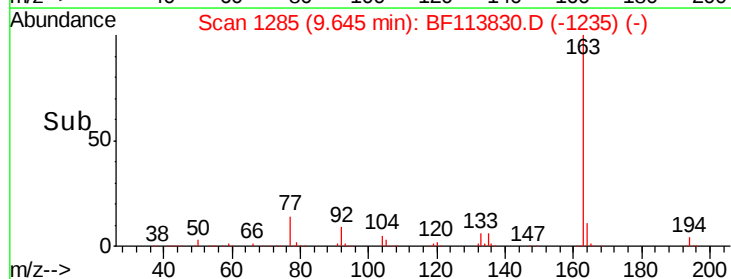
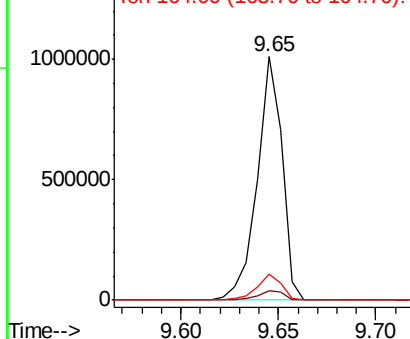
Lab File: BF113830.D

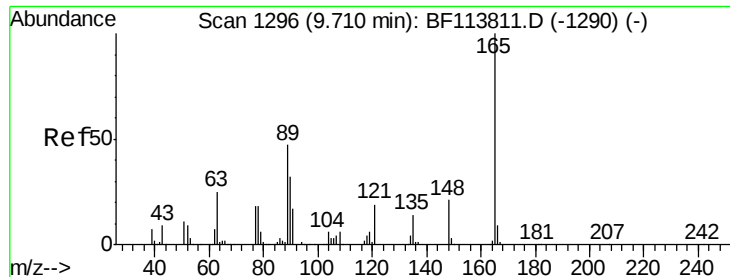
Acq: 18 Apr 2019 21:29

Tgt Ion:	163	Resp:	891525
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	10.6	8.5	12.7



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





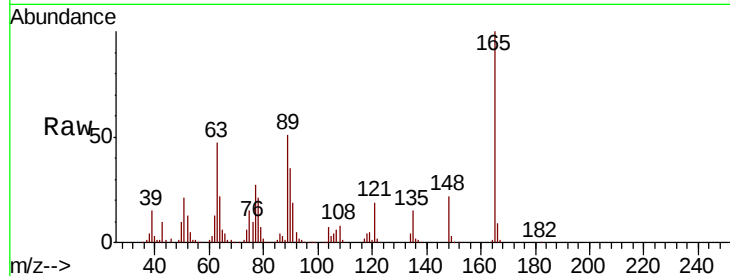
#51
2,6-Dinitrotoluene
Concen: 40.647 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampled :
TP-18-SMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	157765		
63	47.1	33.8	50.8	
89	51.0	38.2	57.2	

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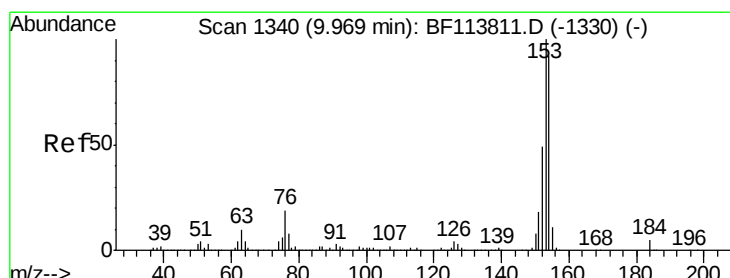
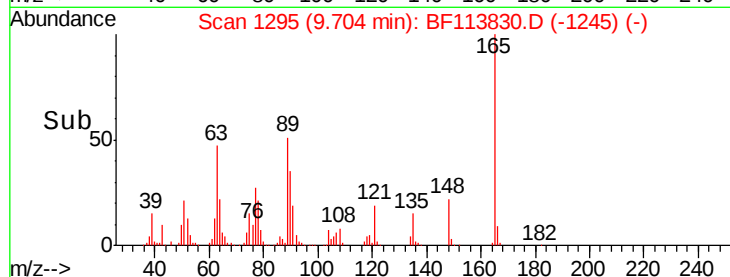
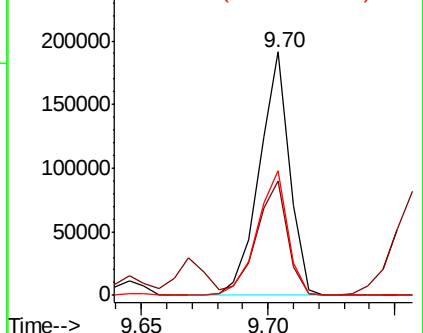


Abundance

Ion 165.00 (164.70 to 165.70): E

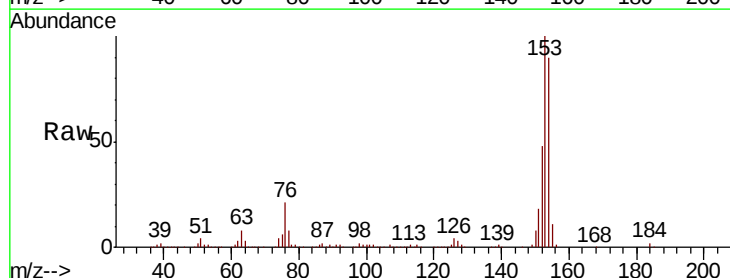
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 39.428 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	563097		
153	111.4	87.2	130.8	
152	53.1	42.3	63.5	

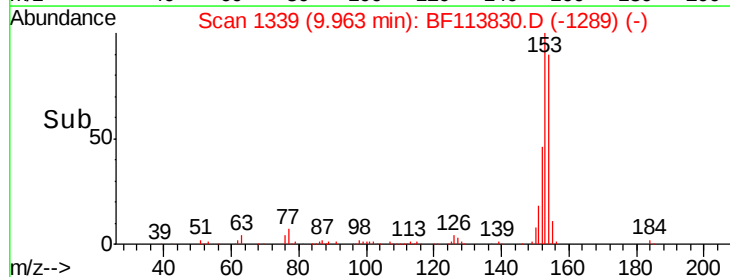
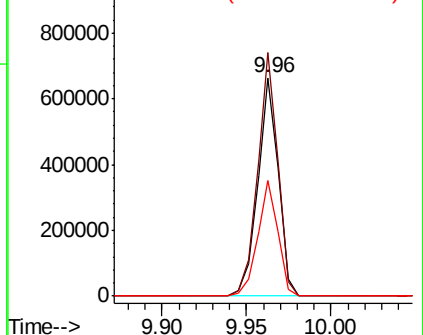


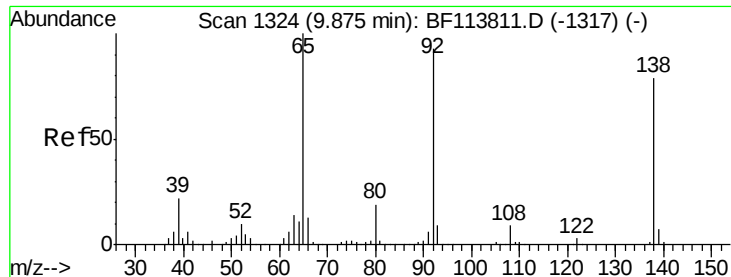
Abundance

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





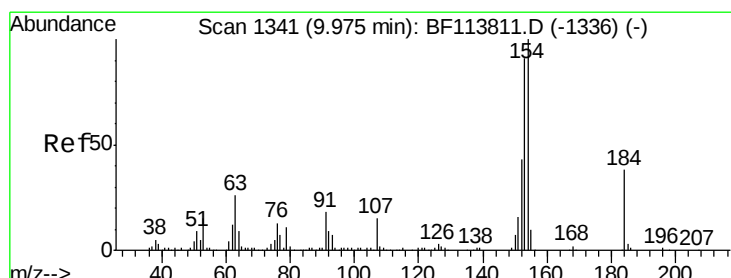
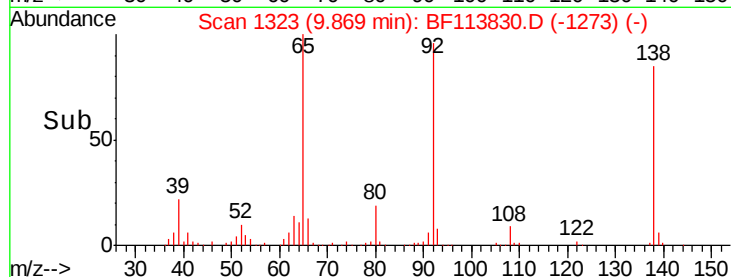
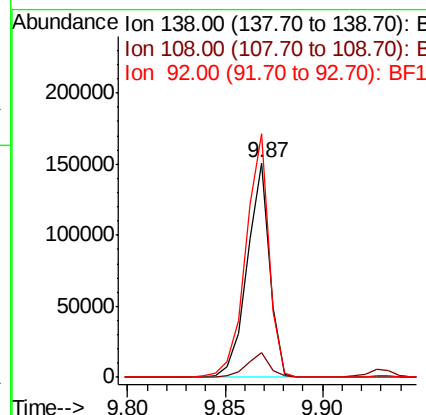
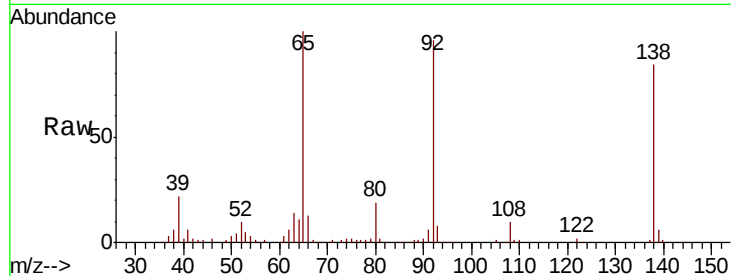
#53
3-Nitroaniline
Concen: 29.357 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.4	14.2
92	113.5	94.1	141.1

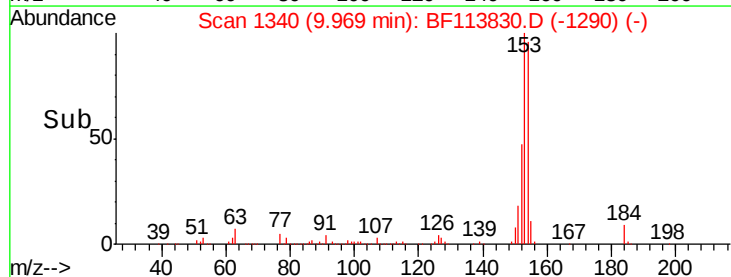
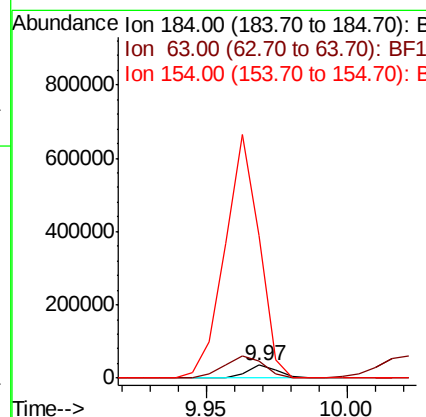
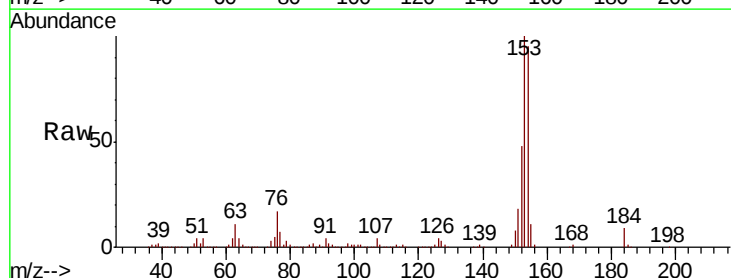
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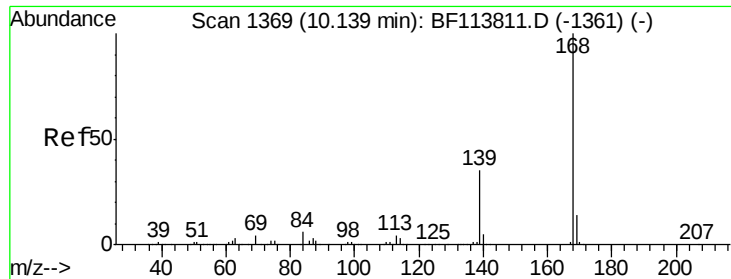
Sohil
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#54
2,4-Dinitrophenol
Concen: 25.542 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	127.6	54.6	81.8#
154	1094.8	218.6	328.0#





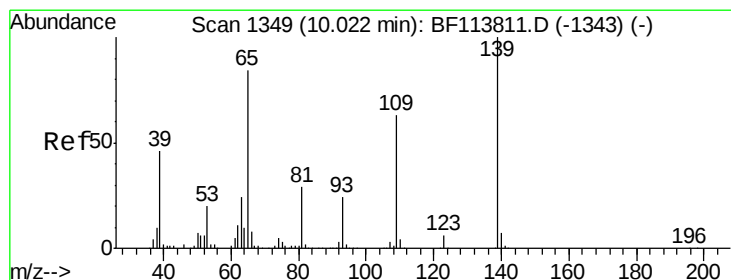
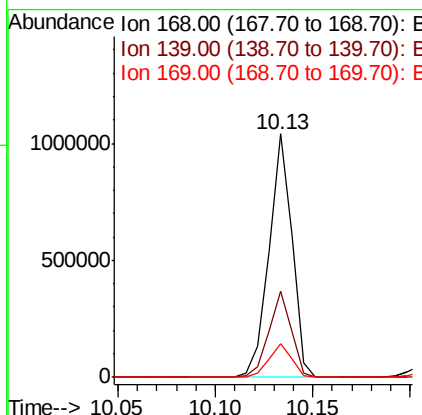
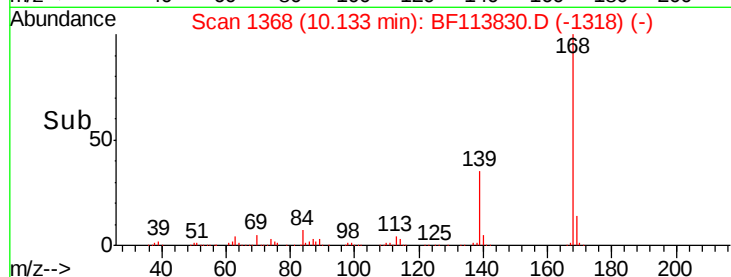
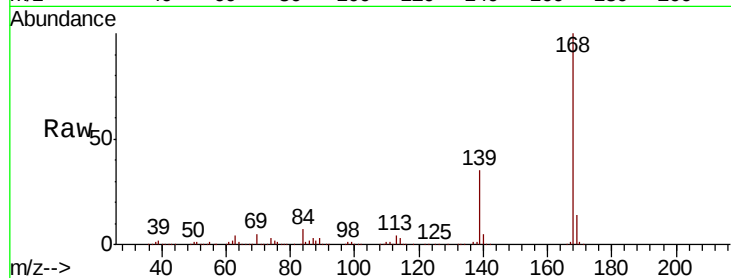
#55
Dibenzofuran
Concen: 39.625 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampled :
TP-18-SMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	27.8	41.6
169	13.8	11.0	16.6

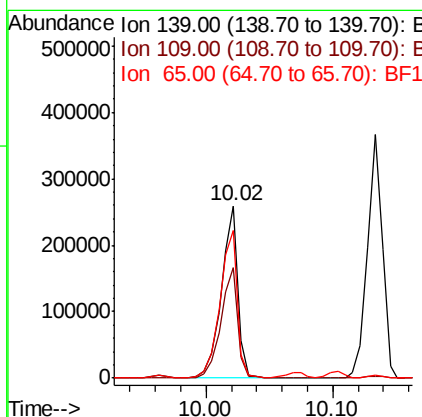
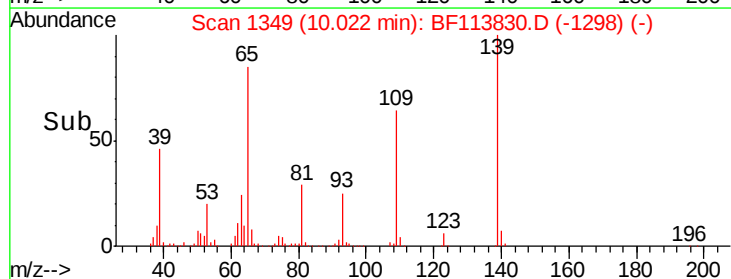
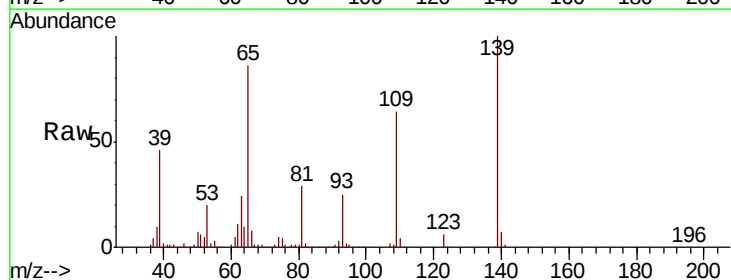
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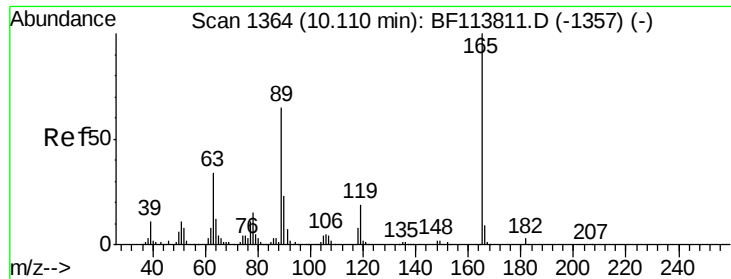
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#56
4-Nitrophenol
Concen: 70.840 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.2	42.9	82.9
65	85.6	64.4	104.4





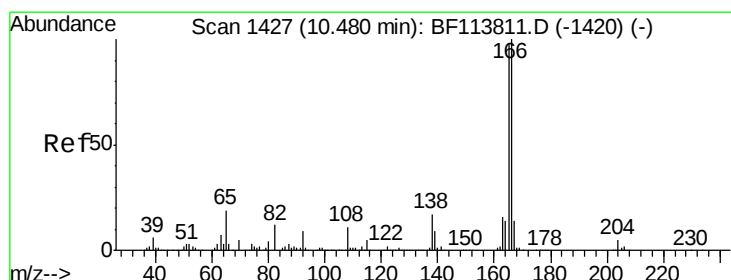
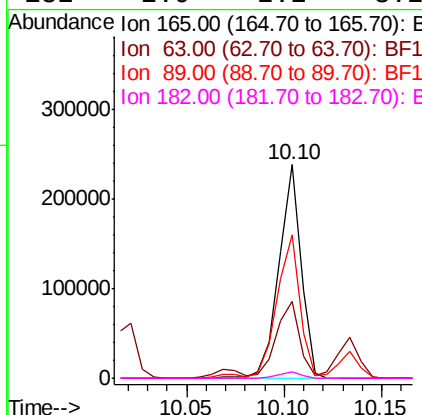
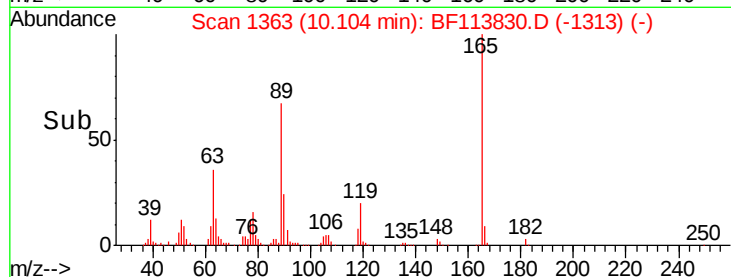
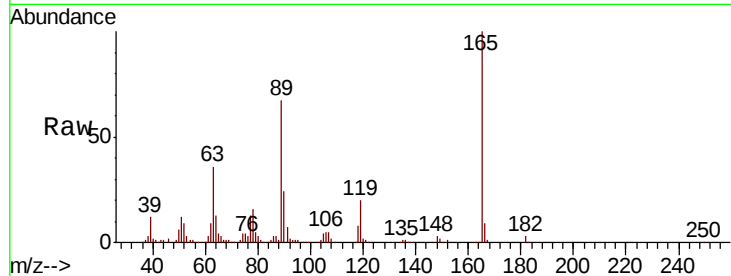
#57
2,4-Dinitrotoluene
Concen: 39.196 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	188740		
63	36.0	27.4	41.0	
89	67.3	51.8	77.6	
182	2.9	2.2	3.2	

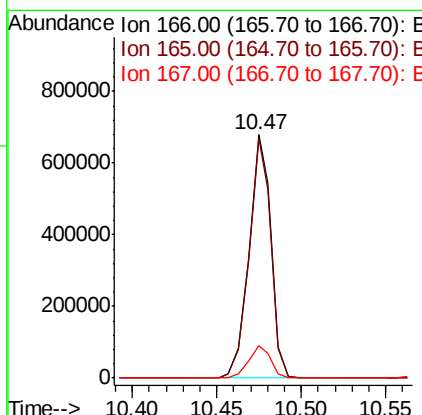
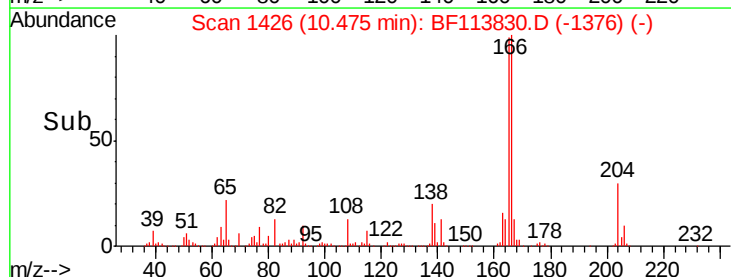
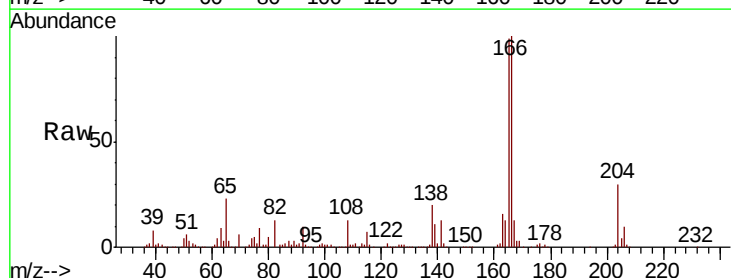
Manual Integrations
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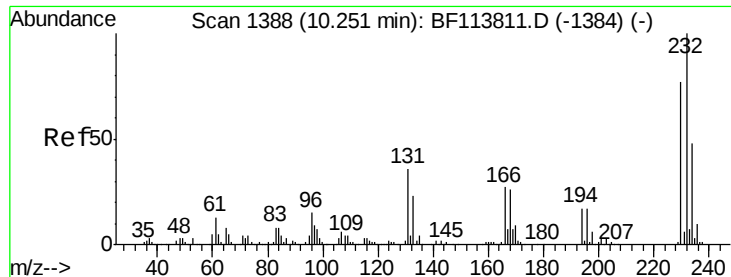
Sohil
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#58
Fluorene
Concen: 38.548 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	615192		
165	98.6	78.4	117.6	
167	13.3	10.9	16.3	





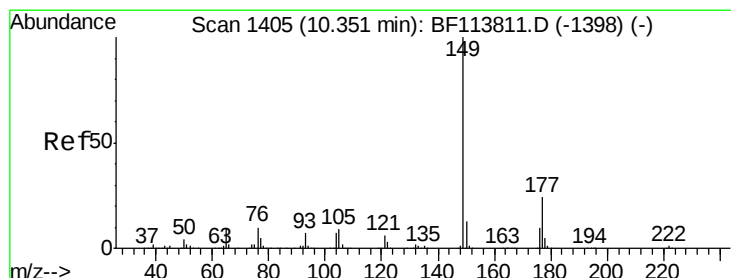
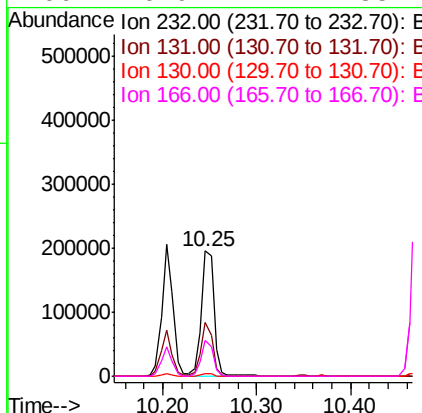
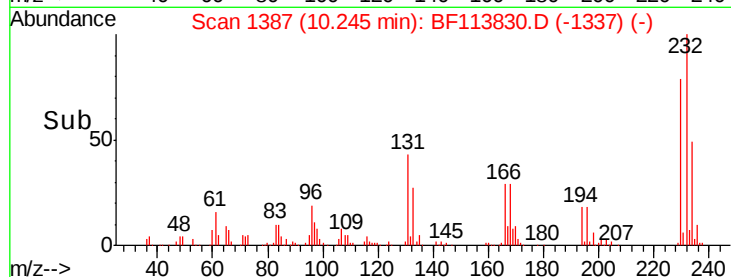
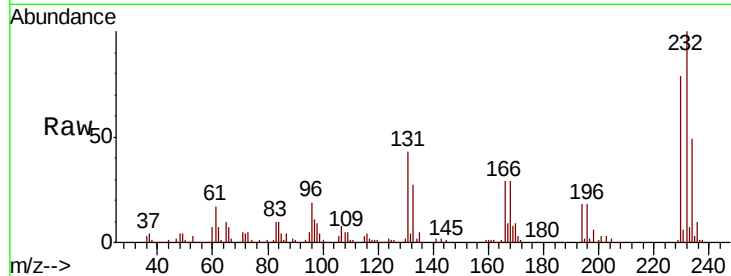
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.260 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampled :
 TP-18-SMS

Tot Ion:	232	Resp:	185597
Ion Ratio		Lower	Upper
232	100		
131	38.4	30.2	45.2
130	2.0	1.5	2.3
166	26.9	22.2	33.4

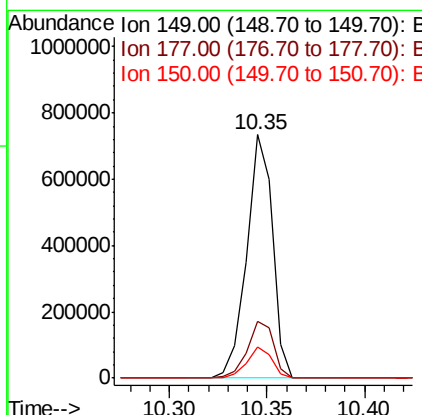
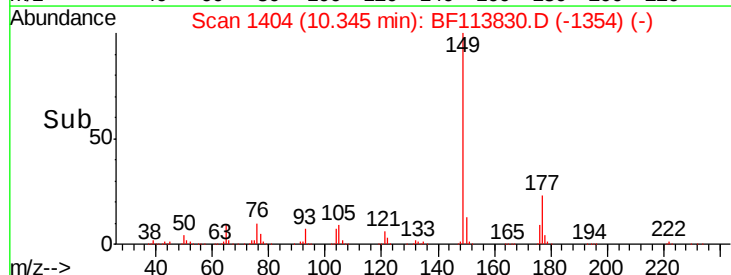
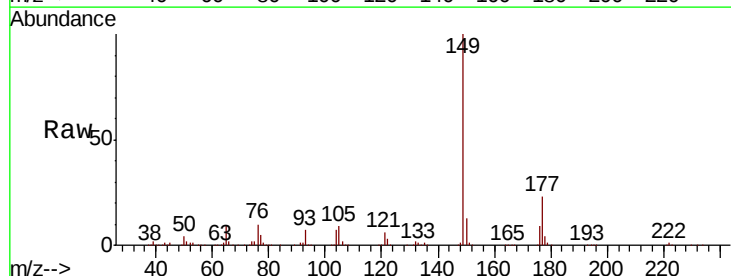
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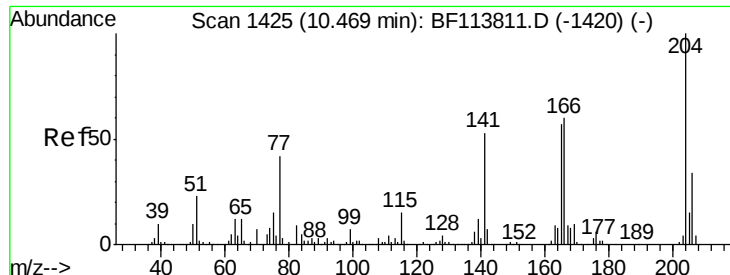
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#60
 Diethylphthalate
 Concen: 39.897 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion:	149	Resp:	672466
Ion Ratio		Lower	Upper
149	100		
177	23.4	19.2	28.8
150	12.8	10.3	15.5





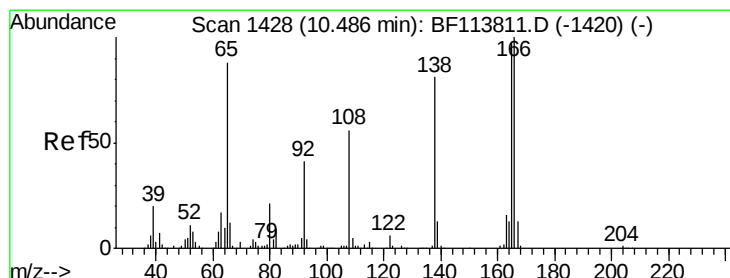
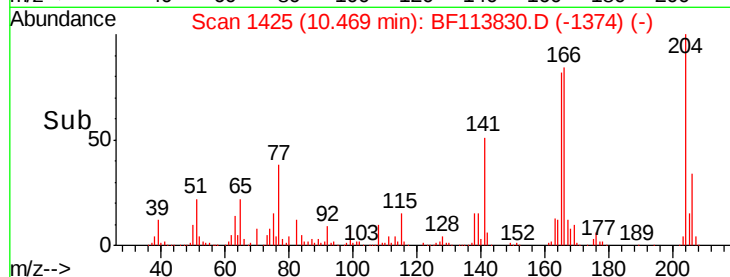
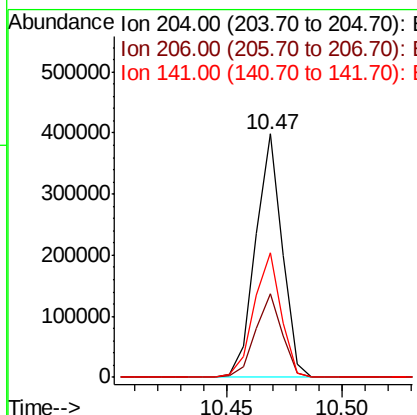
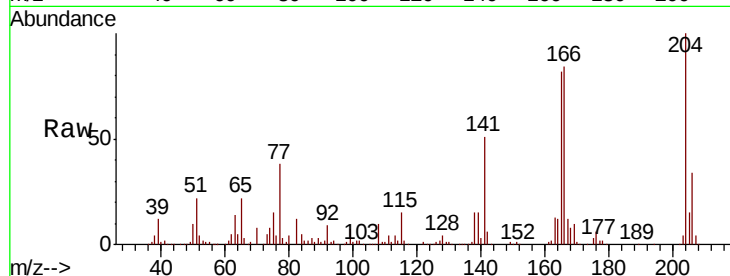
#61
 4-Chlorophenyl-phenylether
 Concen: 39.388 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampled :
 TP-18-SMS

Tot Ion:	204	Resp:	321899
Ion Ratio	Lower	Upper	
204	100		
206	34.1	27.4	41.2
141	51.3	42.6	63.8

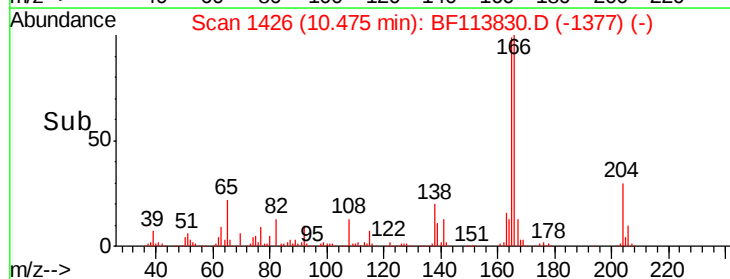
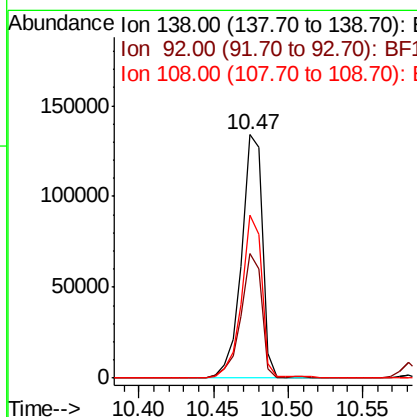
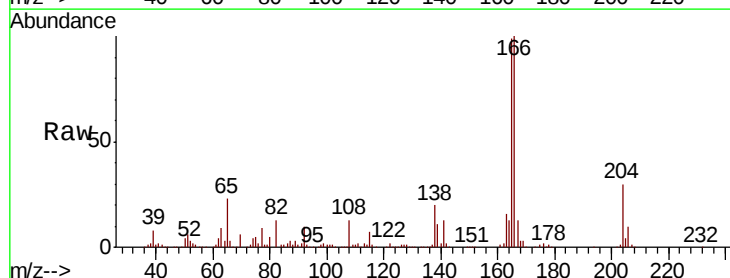
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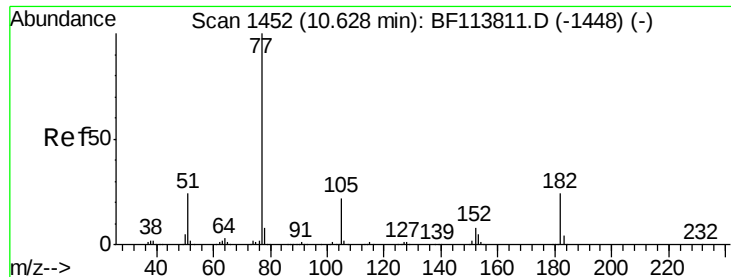
Sohil
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#62
 4-Nitroaniline
 Concen: 33.036 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion:	138	Resp:	130605
Ion Ratio	Lower	Upper	
138	100		
92	51.2	31.3	71.3
108	67.1	48.9	88.9





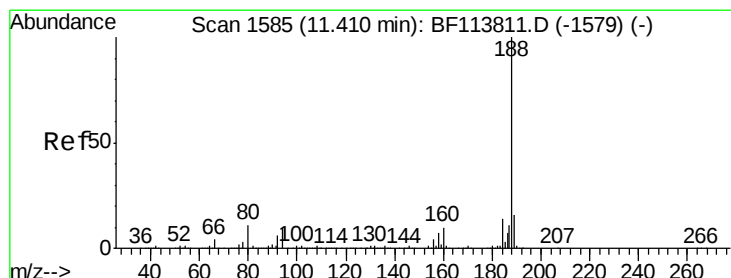
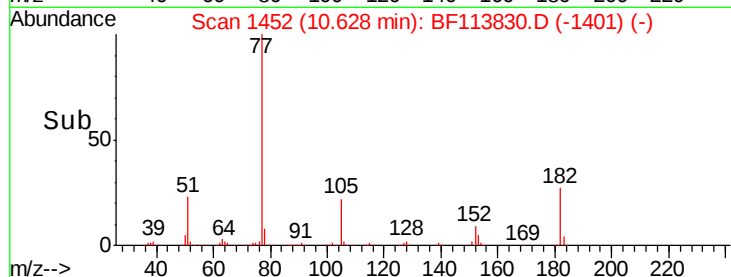
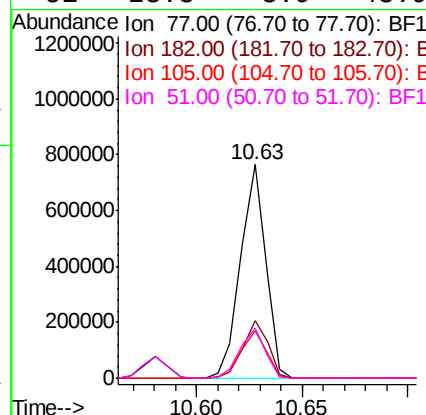
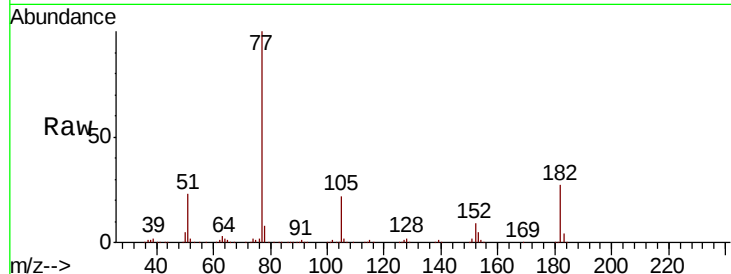
#63
Azobenzene
Concen: 36.245 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.4	44.4
105	22.0	2.2	42.2
51	23.3	3.9	43.9

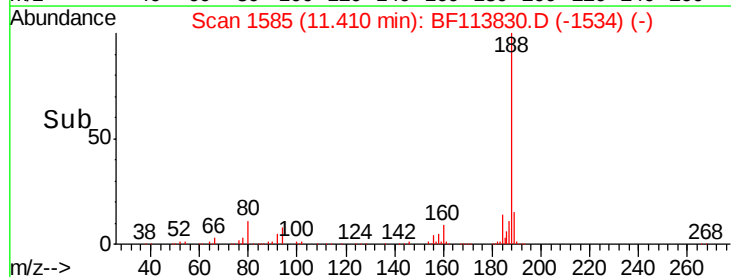
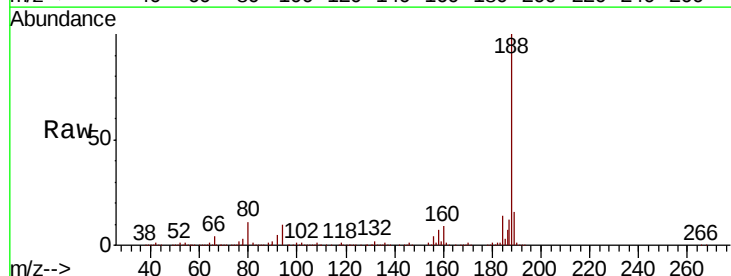
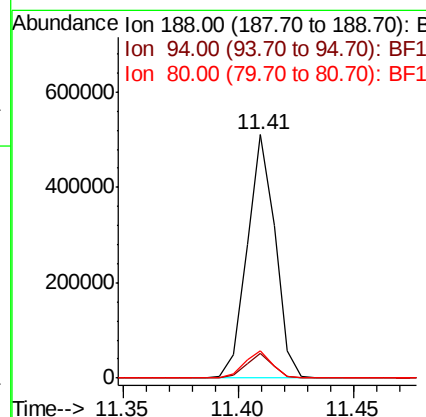
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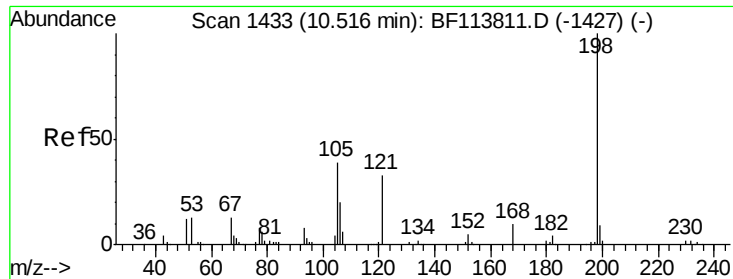
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.4
80	11.3	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 26.483 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

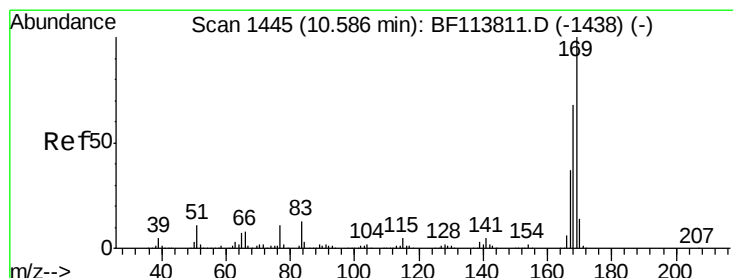
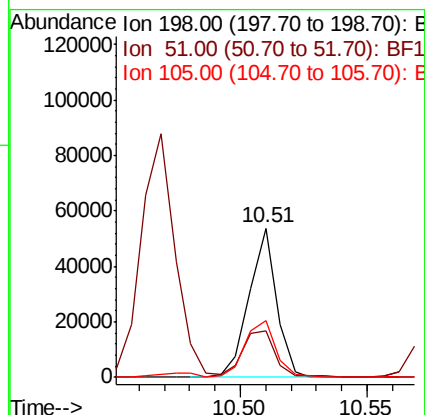
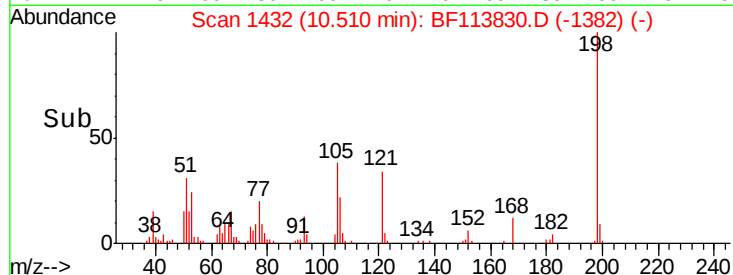
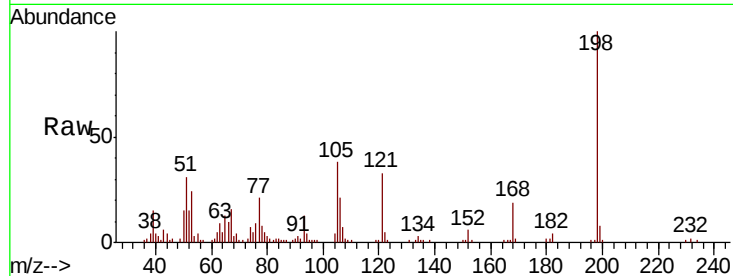
ClientSampled :

TP-18-SMS

Tot Ion:	198	Resp:	40907
Ion Ratio	Lower	Upper	
198	100		
51	31.3	11.1	51.1
105	38.3	20.7	60.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 42.350 ng

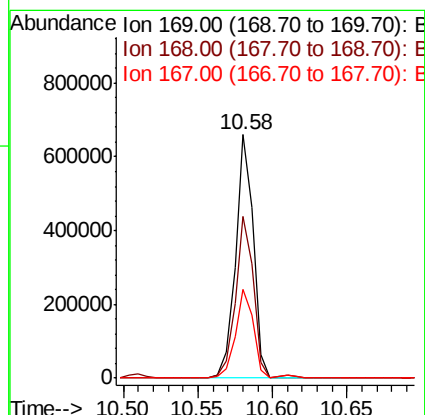
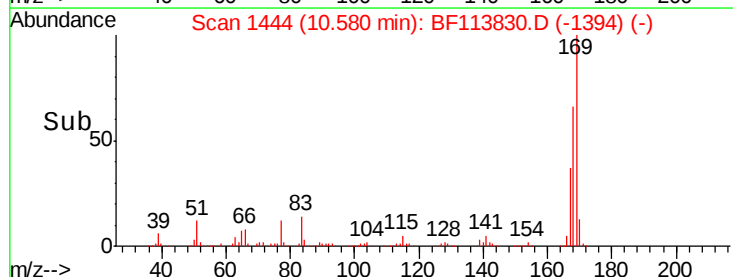
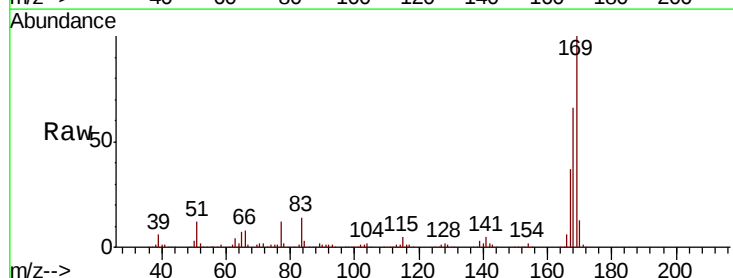
RT: 10.58 min Scan# 1444

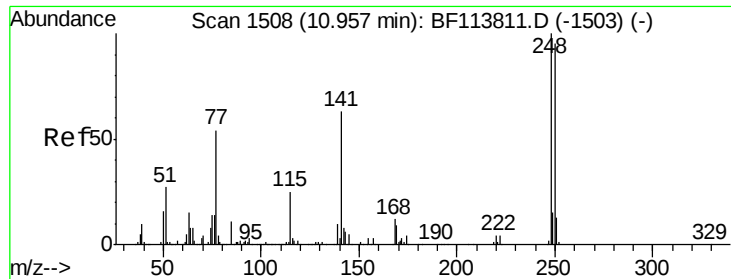
Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Tgt Ion:	169	Resp:	555972
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.3	81.5
167	36.6	29.4	44.0





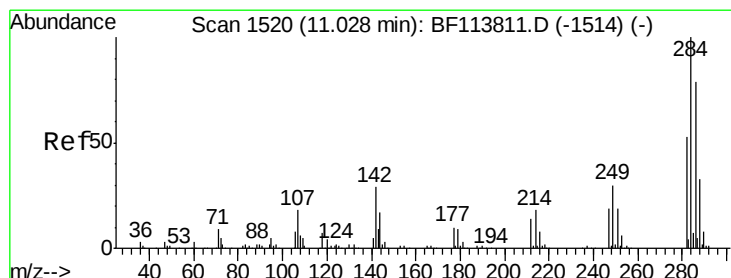
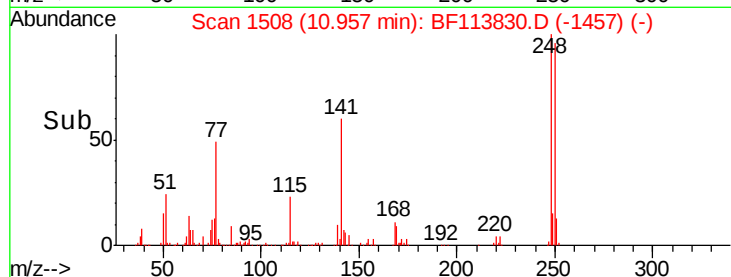
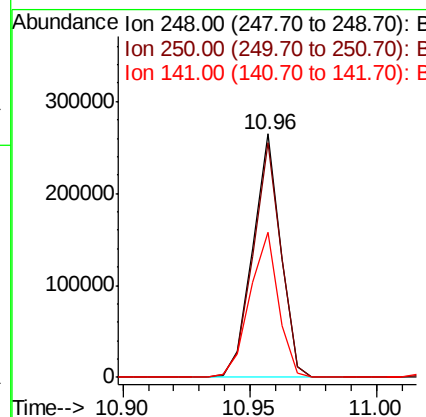
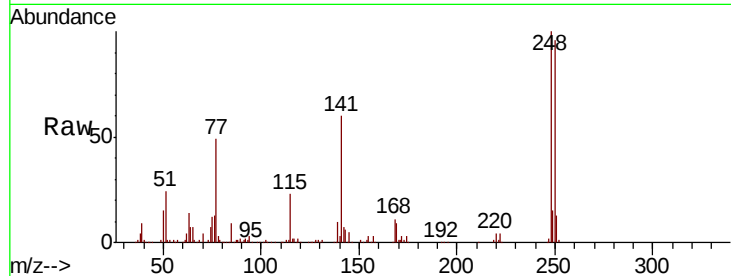
#67
4-Bromophenyl-phenylether
Concen: 39.886 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	75.8	113.6
141	59.7	50.2	75.4

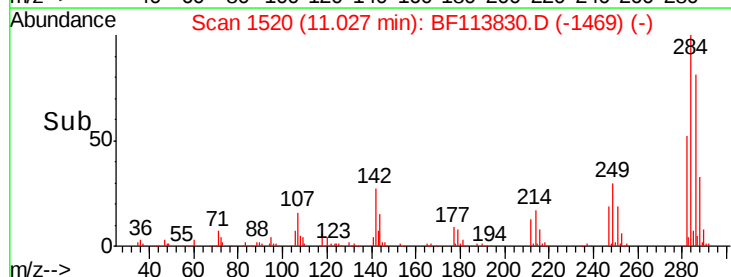
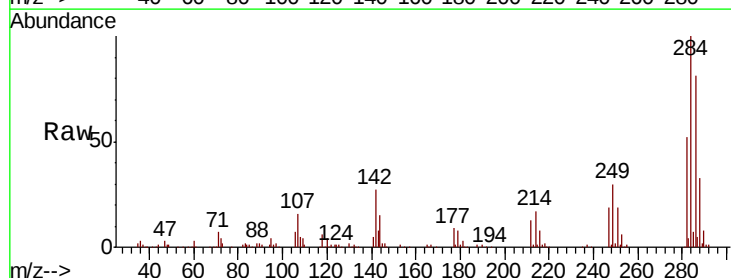
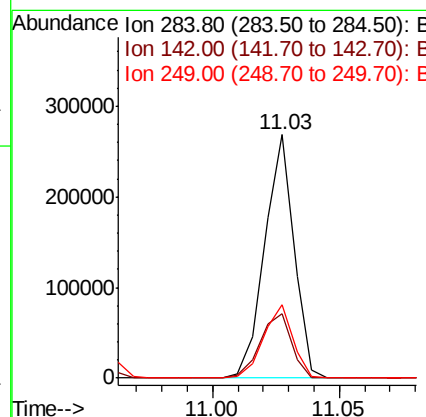
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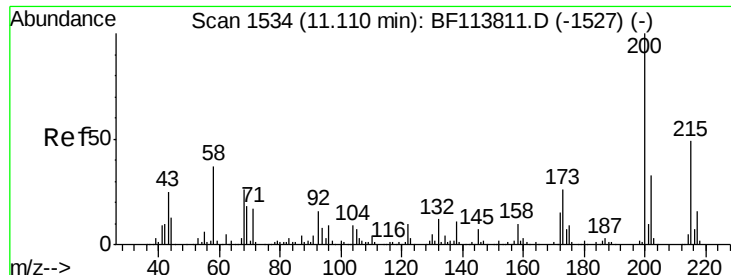
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#68
Hexachlorobenzene
Concen: 39.002 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	23.0	34.4
249	30.2	24.4	36.6





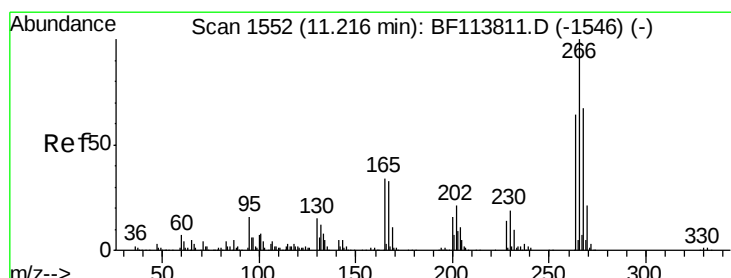
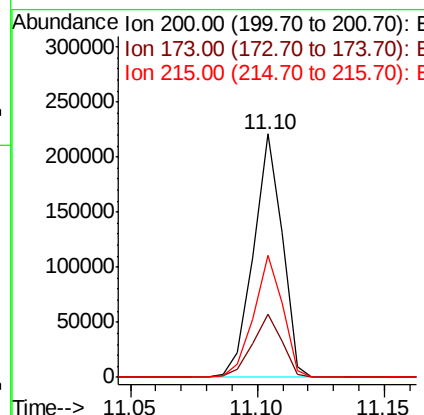
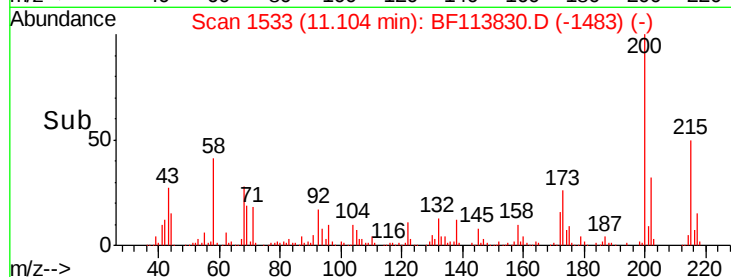
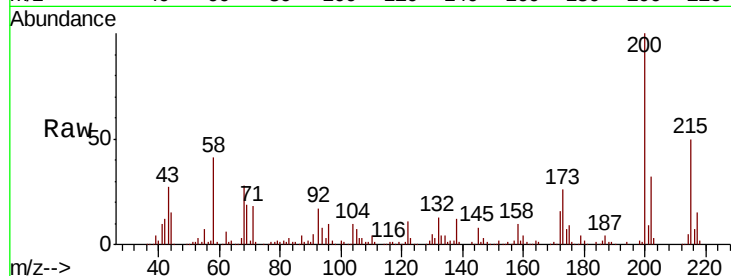
#69
Atrazine
Concen: 43.112 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	5.9	45.9
215	49.9	29.3	69.3

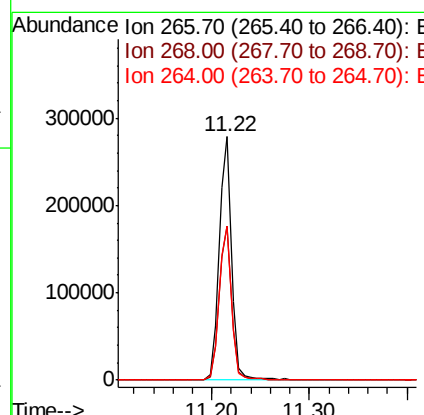
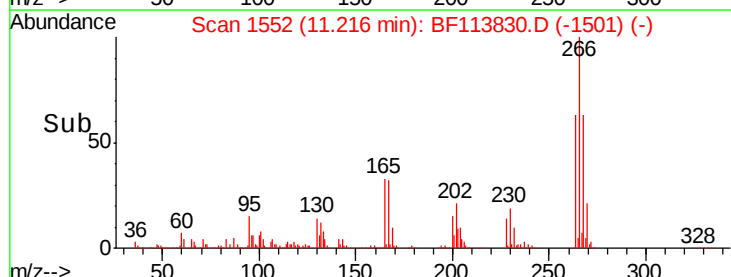
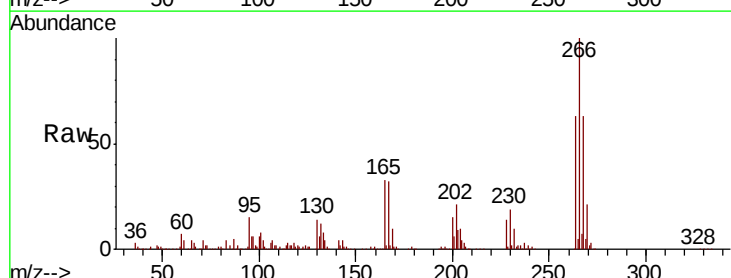
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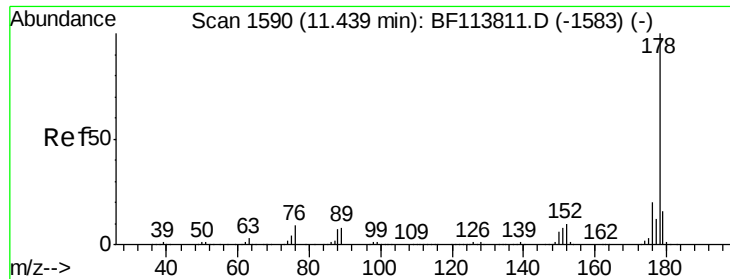
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#70
Pentachlorophenol
Concen: 77.761 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.2	53.5	80.3
264	63.3	51.0	76.6





#71

Phenanthrene

Concen: 39.653 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

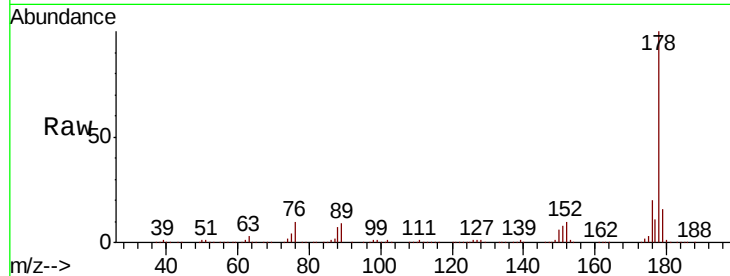
ClientSampled :

TP-18-SMS

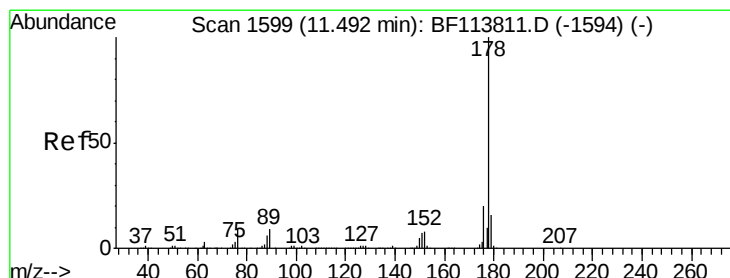
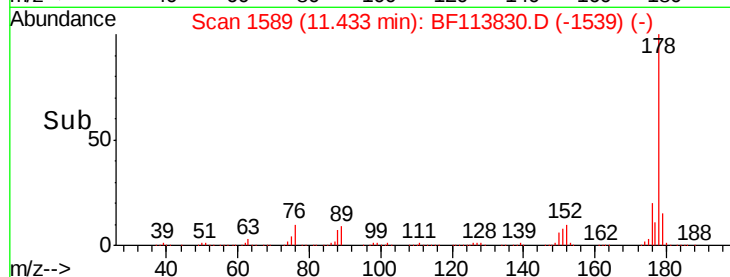
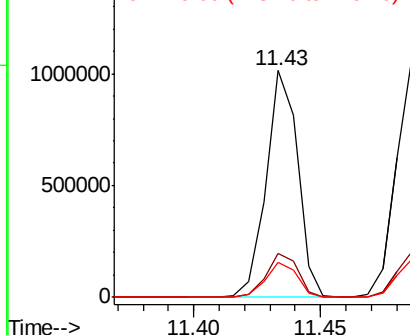
Tot Ion:178	Resp:	874643
Ion Ratio	Lower	Upper
178	100	
176	19.6	16.1 24.1
179	15.6	12.8 19.2

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



#72

Anthracene

Concen: 40.432 ng

RT: 11.49 min Scan# 1598

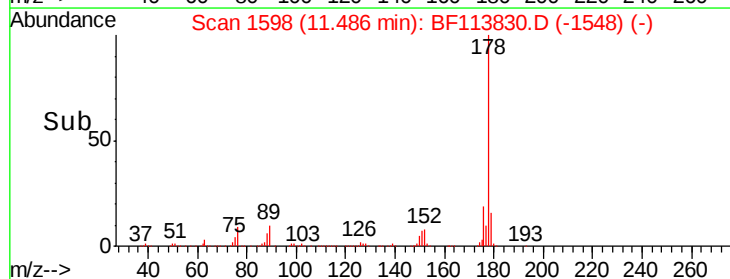
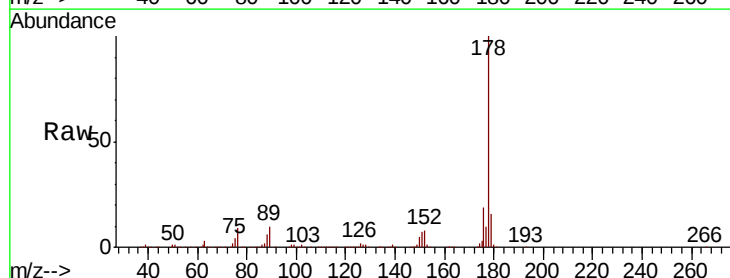
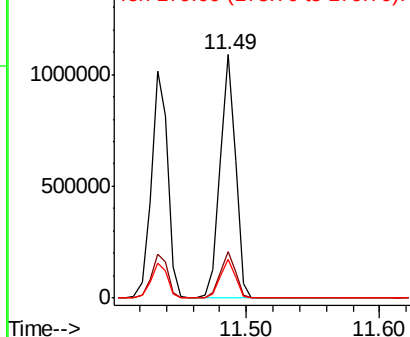
Delta R.T. -0.01 min

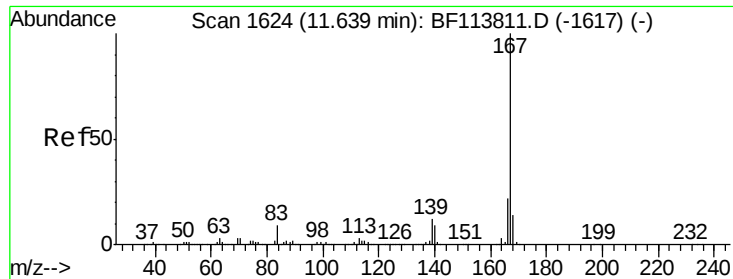
Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Tgt Ion:178	Resp:	898678
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.7 23.5
179	15.7	13.0 19.4

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





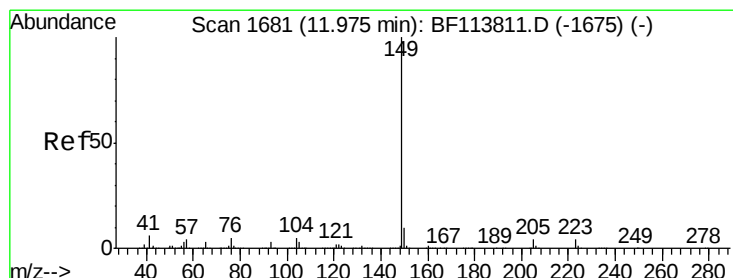
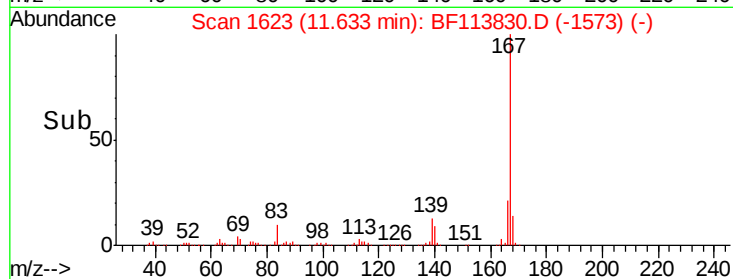
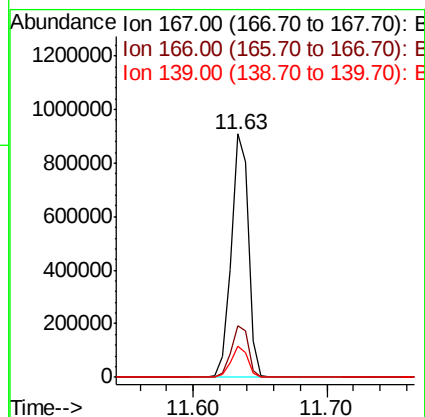
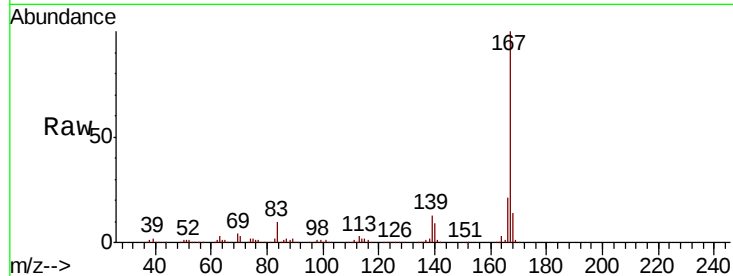
#73
 Carbazole
 Concen: 41.062 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.7	26.5
139	12.6	10.0	15.0

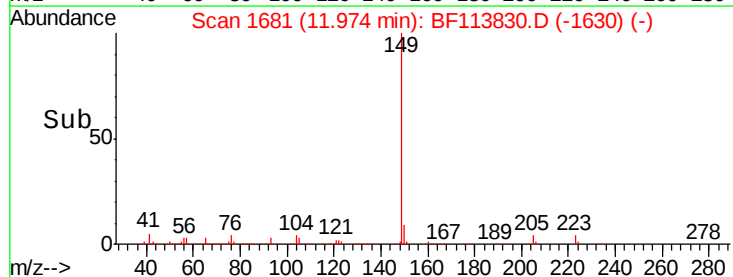
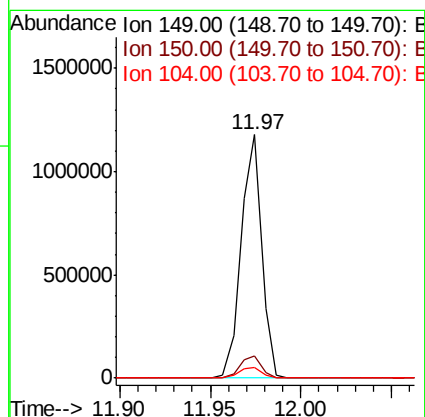
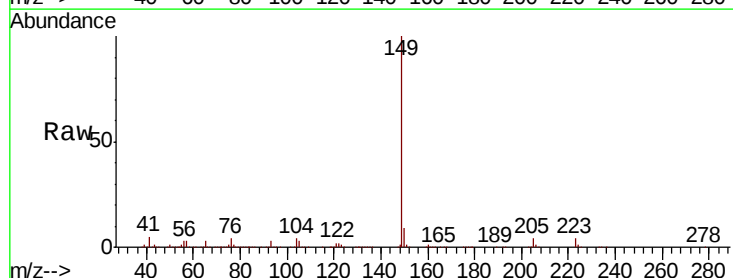
Manual Integrations
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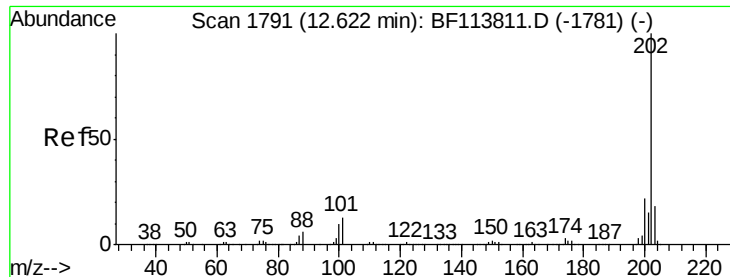
Sohil
 4/23/2019 8:16:46 AM



#74
 Di-n-butylphthalate
 Concen: 41.281 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.8
104	4.3	3.8	5.8





#75

Fluoranthene

Concen: 42.581 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

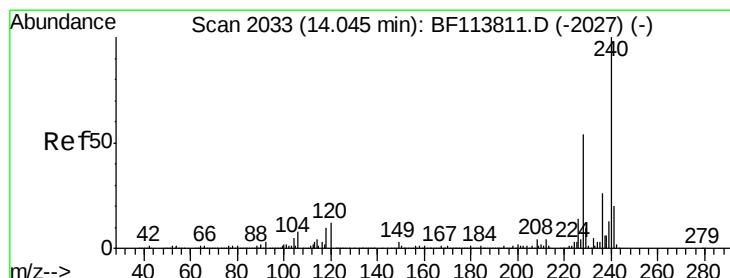
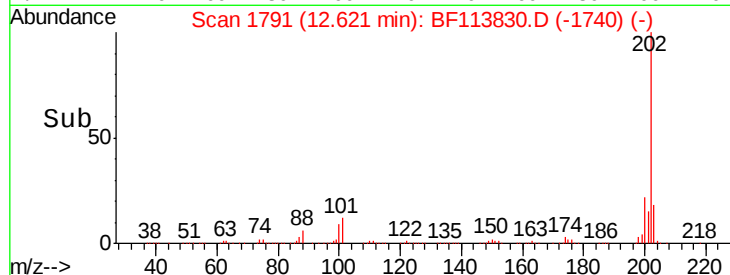
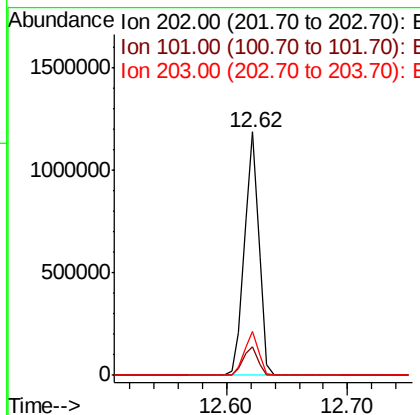
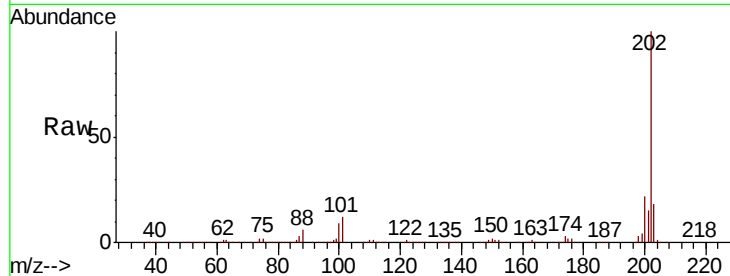
ClientSampleId :

TP-18-SMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	32.9
203	18.2	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

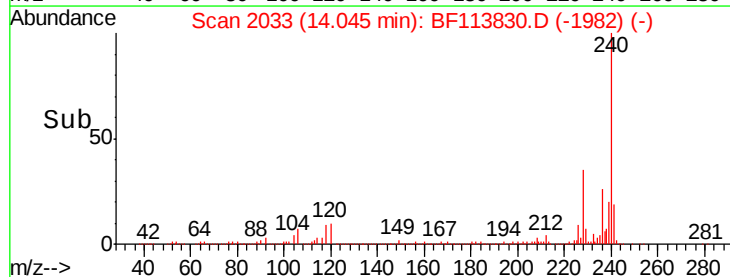
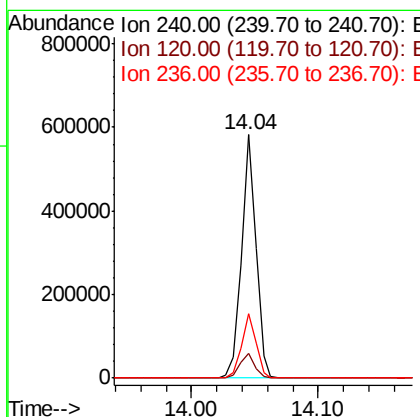
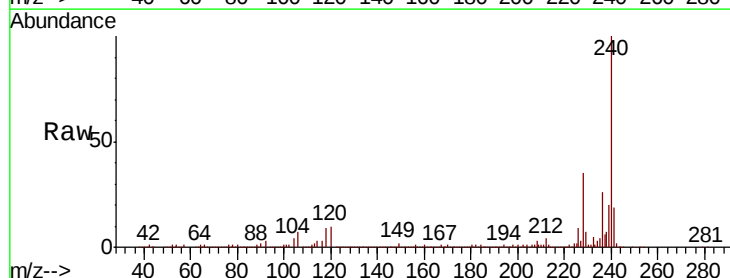
RT: 14.04 min Scan# 2033

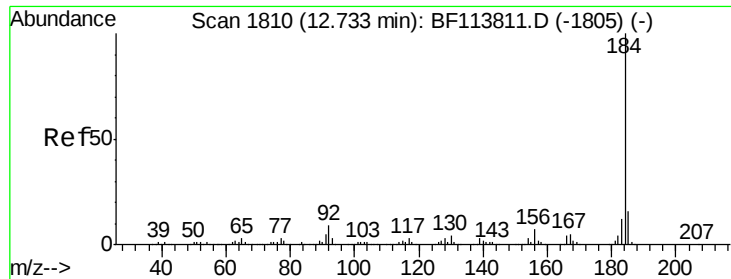
Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	9.3	13.9
236	26.3	21.2	31.8





#77

Benzidine

Concen: 26.433 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

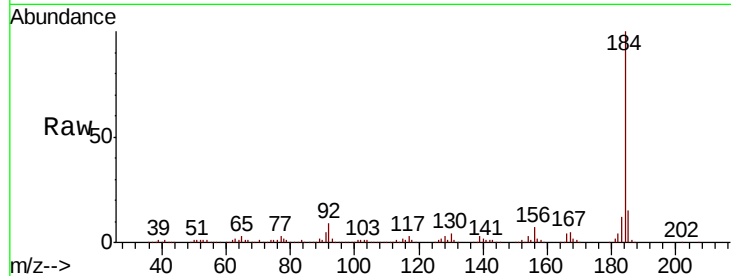
ClientSampleId :

TP-18-SMS

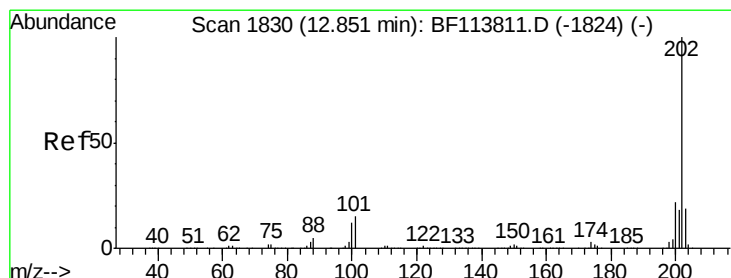
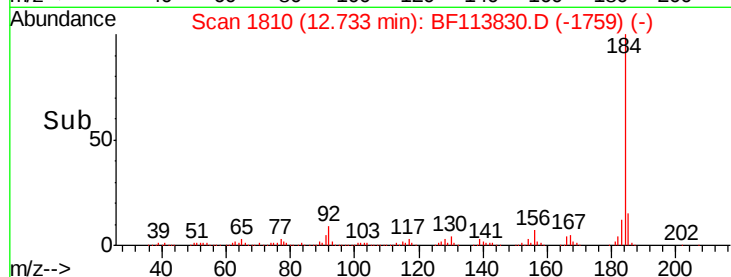
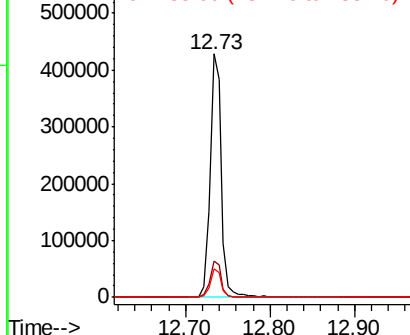
Tot Ion:184	Resp:	401541
Ion Ratio	Lower	Upper
184	100	
185	15.0	13.0 19.6
183	11.6	9.4 14.0

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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: 32.190 ng

RT: 12.85 min Scan# 1830

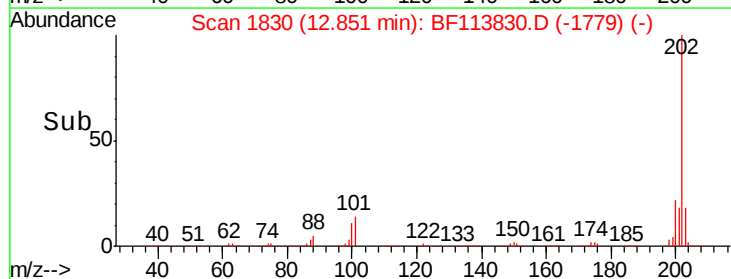
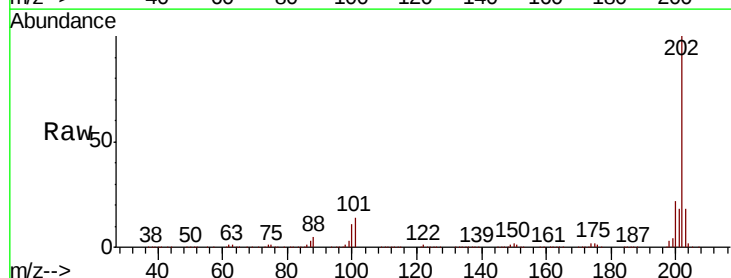
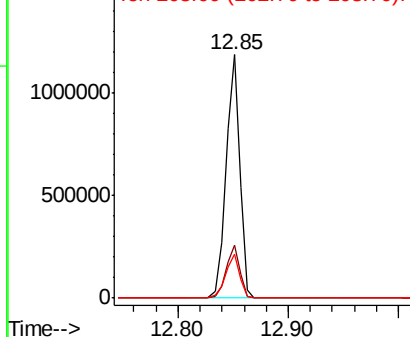
Delta R.T. -0.00 min

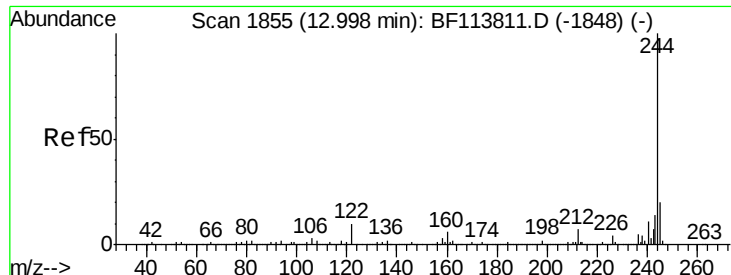
Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Tgt Ion:202	Resp:	1028942
Ion Ratio	Lower	Upper
202	100	
200	21.9	17.7 26.5
203	18.2	15.0 22.6

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





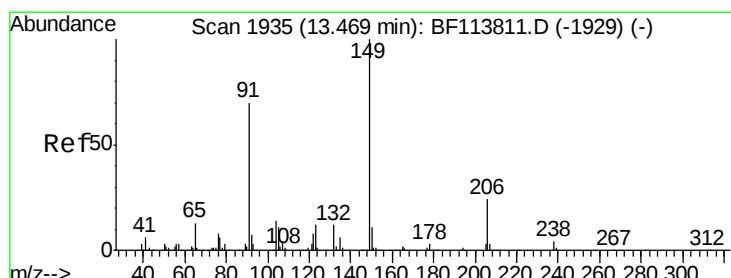
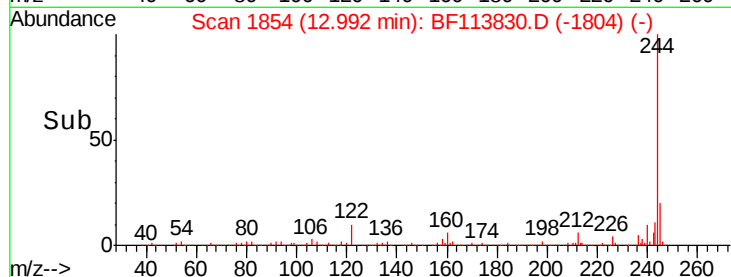
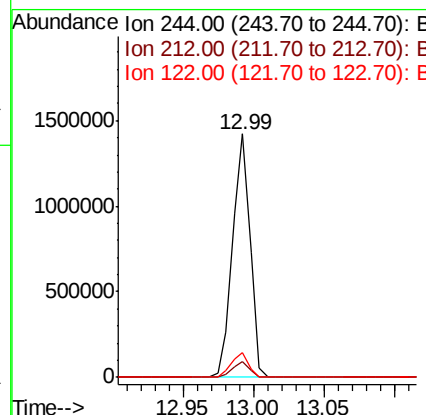
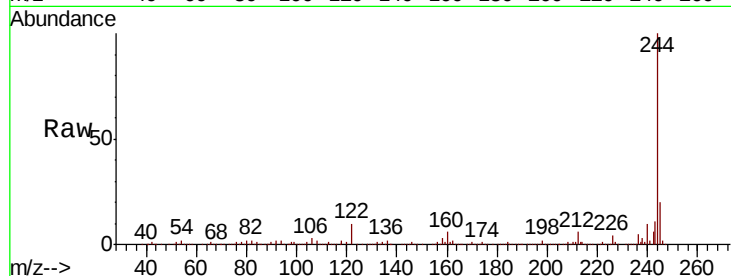
#79
 Terphenyl-d14
 Concen: 56.629 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.0	7.6	11.4

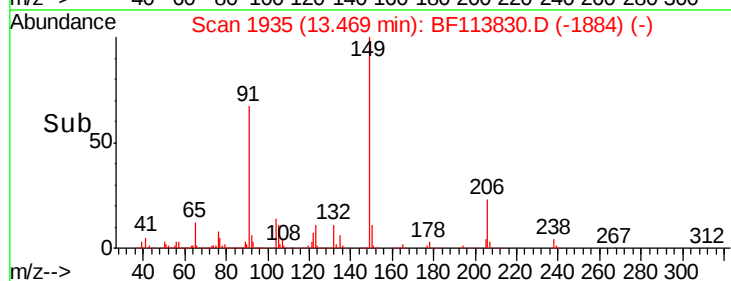
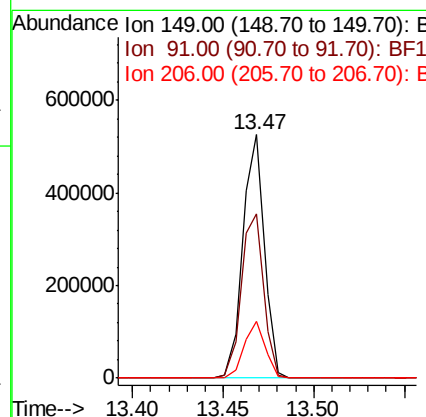
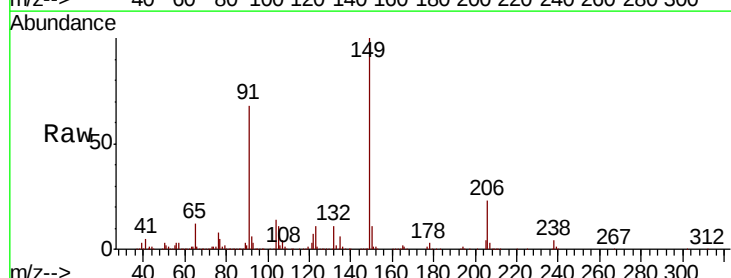
Manual Integrations
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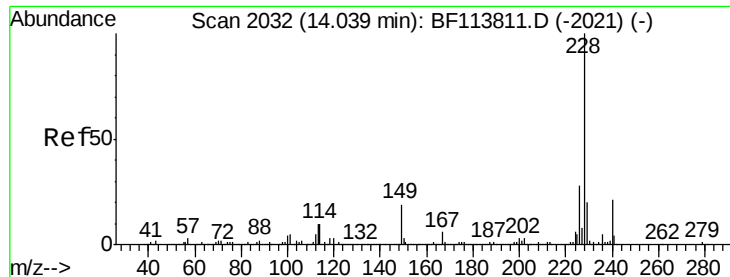
Sohil
 4/23/2019 8:16:46 AM



#80
 Butylbenzylphthalate
 Concen: 36.589 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.6	56.3	84.5
206	23.3	19.0	28.6





#81

Benzo(a)anthracene

Concen: 39.716 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

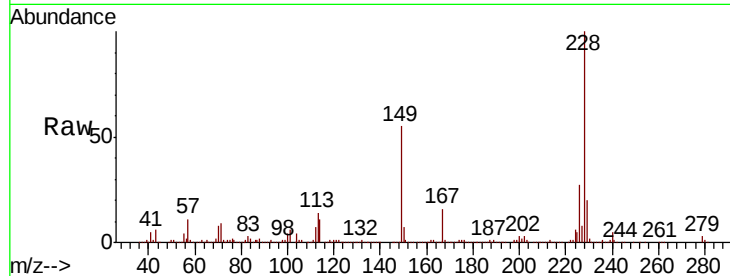
ClientSampled :

TP-18-SMS

Tot Ion:	228	Resp:	1052984
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	20.3	16.0	24.0

Manual Integrations
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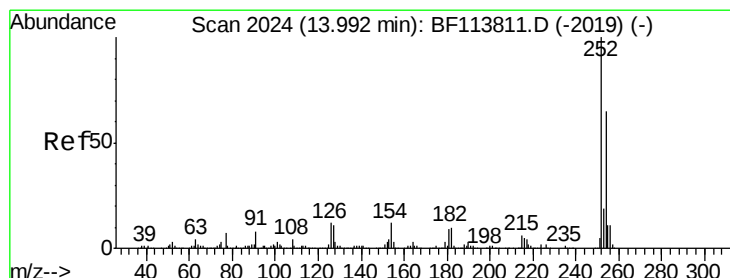
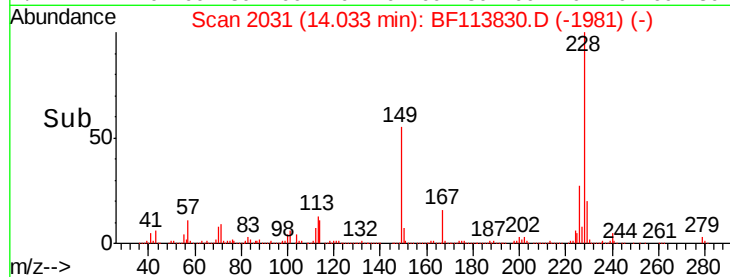
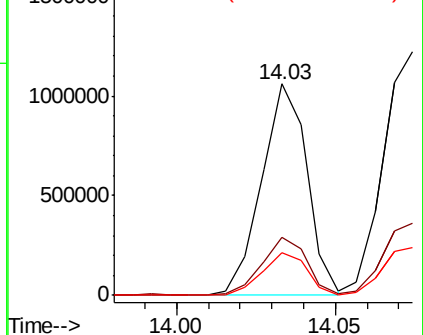


Abundance

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: 41.031 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

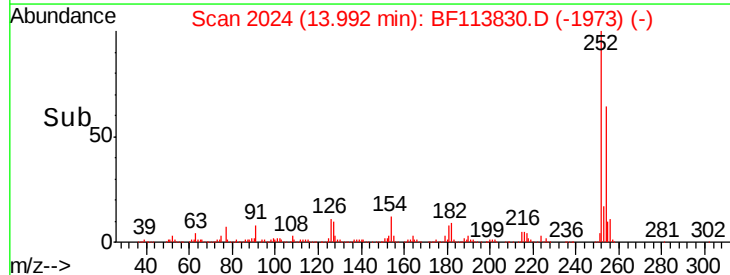
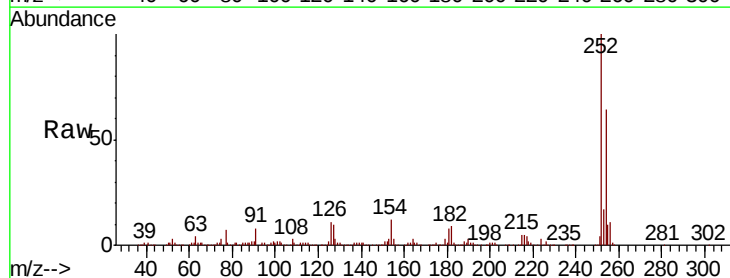
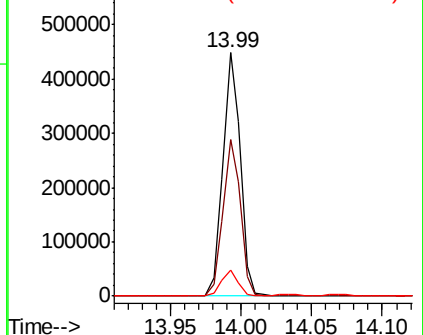
Tgt Ion:	252	Resp:	386646
Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.1	78.1
126	10.5	9.3	13.9

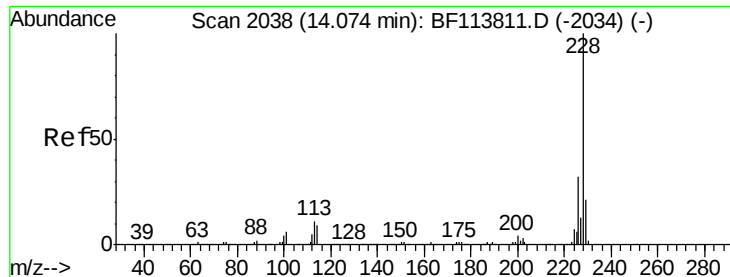
Abundance

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





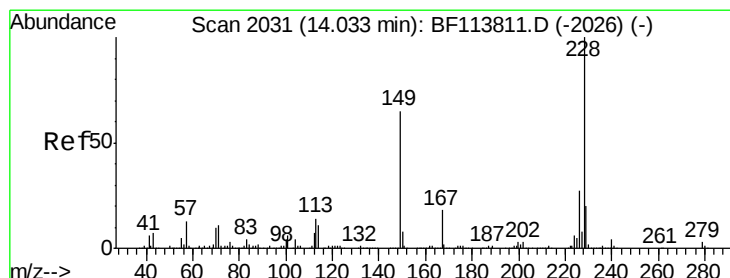
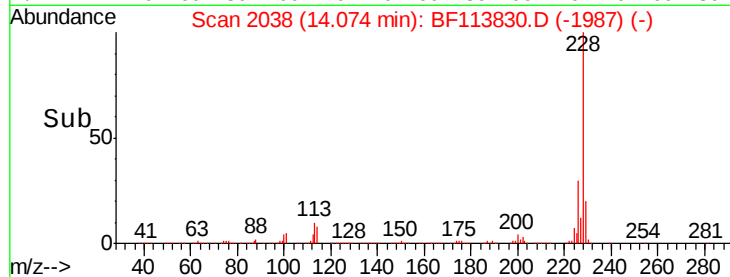
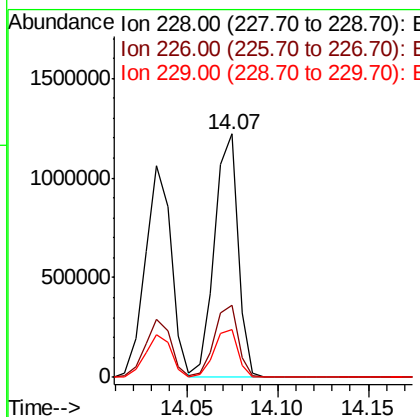
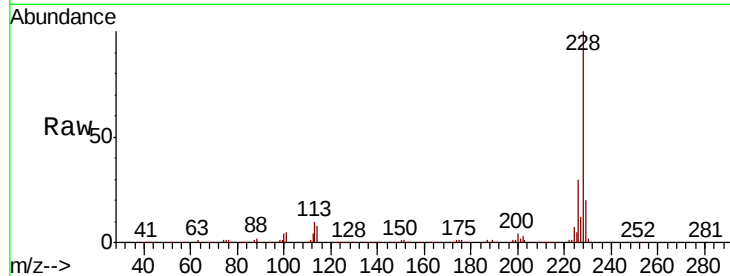
#83
 Chrvsene
 Concen: 41.835 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.2	37.8
229	19.7	16.7	25.1

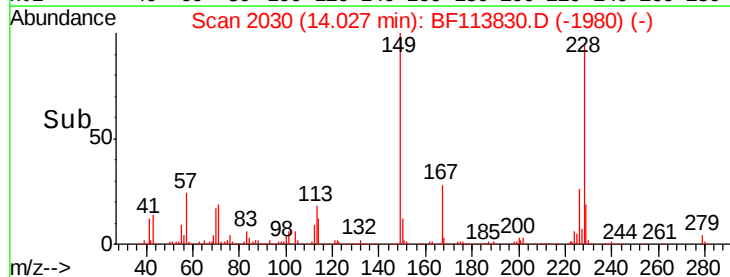
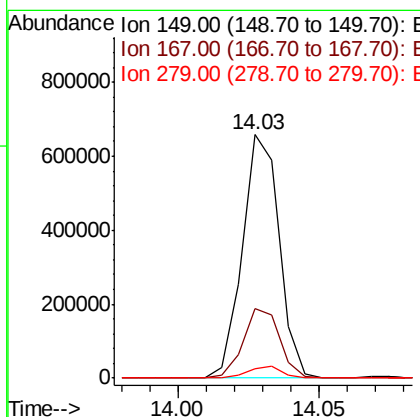
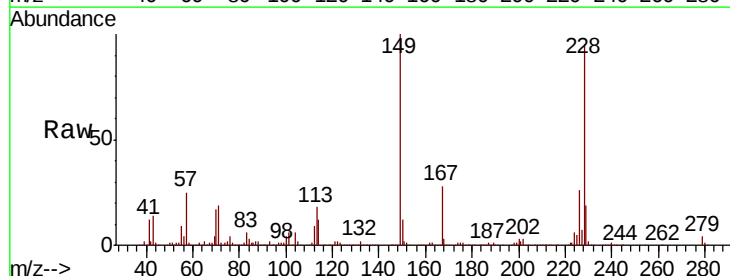
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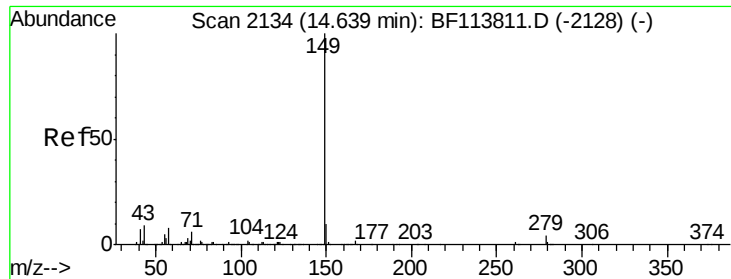
Sohil
 4/23/2019 8:16:46 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.823 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	4.0	4.2	6.2#





#85

Di-n-octyl phthalate

Concen: 53.155 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

TP-18-SMS

Tot Ion:149 Resp: 1168279

Ion Ratio Lower Upper

149 100

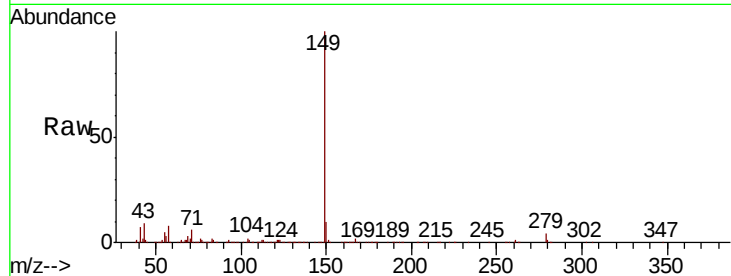
167 1.6 1.3 1.9

43 8.1 6.6 10.0

Manual Integrations
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Sohil

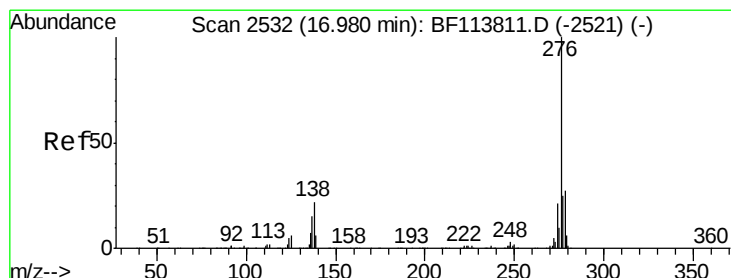
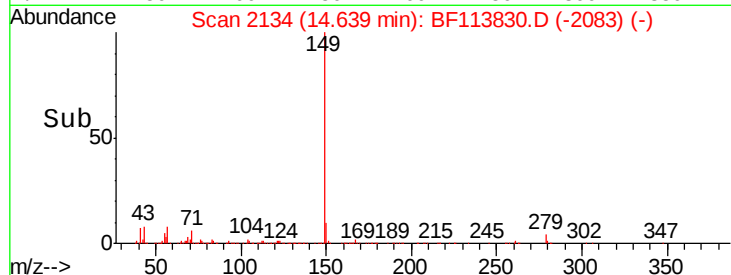
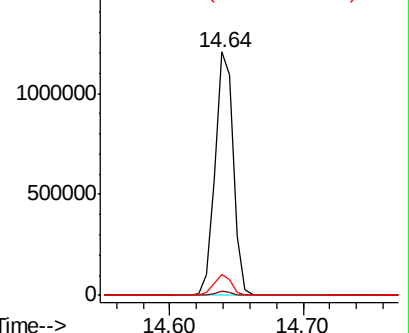
4/23/2019 8:16:46 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.459 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

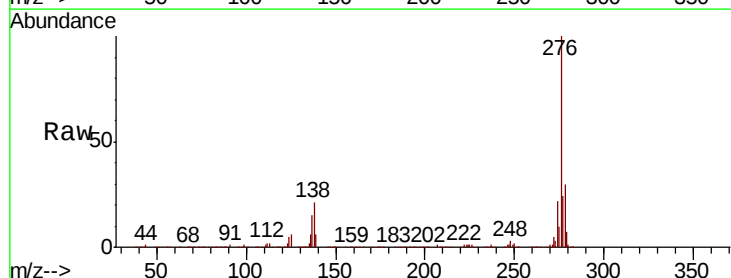
Tgt Ion:276 Resp: 1105476

Ion Ratio Lower Upper

276 100

138 24.2 19.6 29.4

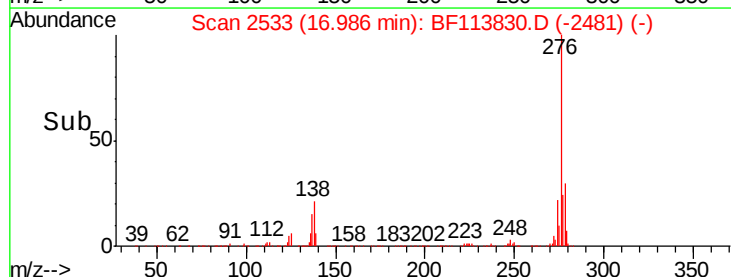
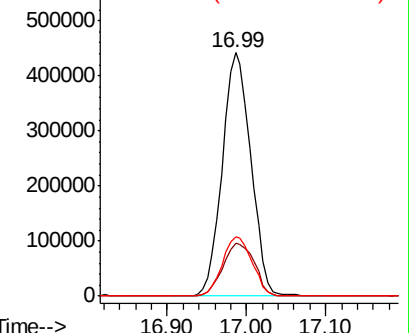
277 25.4 20.2 30.4

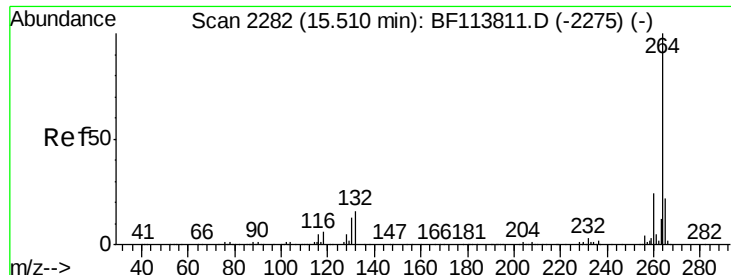


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





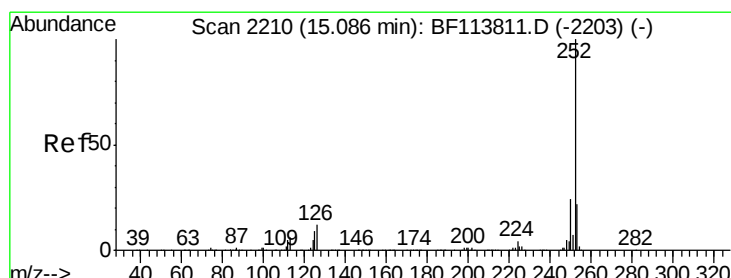
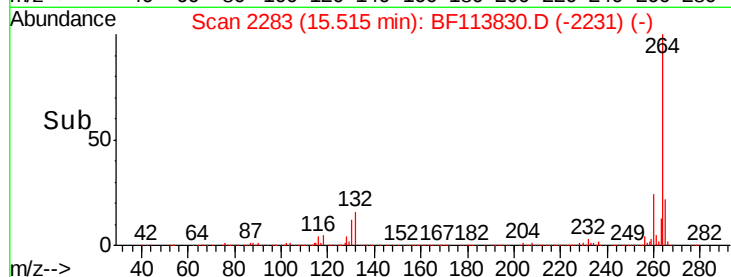
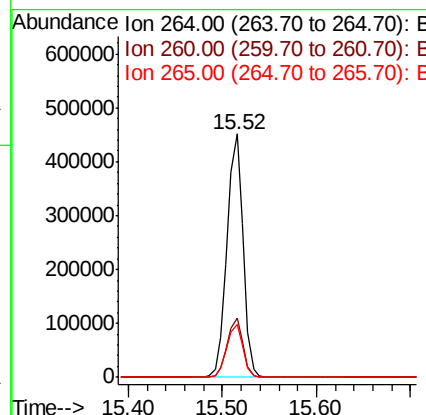
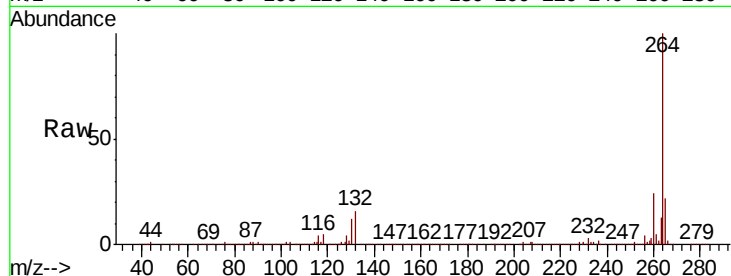
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	21.6	17.3	25.9

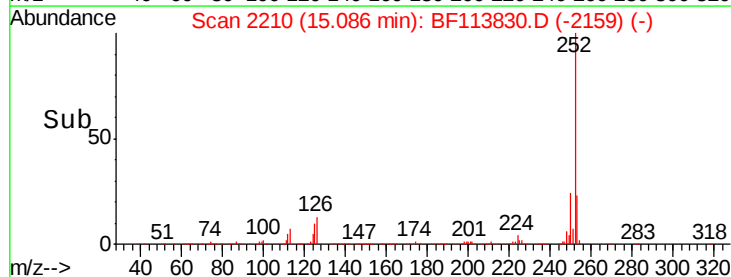
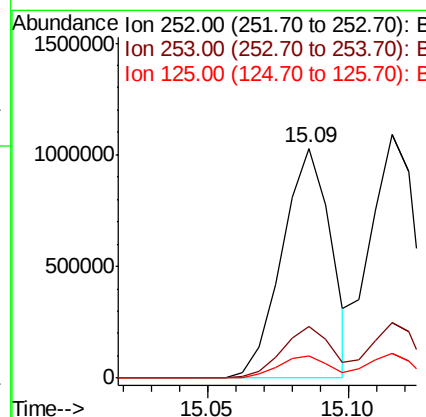
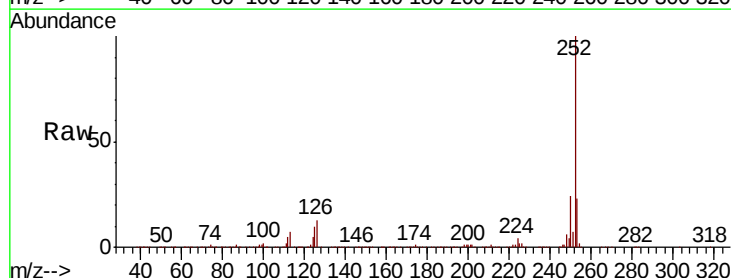
Manual Integrations
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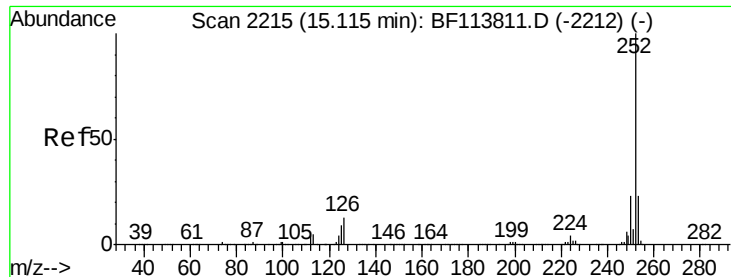
Sohil
4/23/2019 8:16:46 AM



#88
Benzo(b)fluoranthene
Concen: 36.749 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.7	7.0	10.6





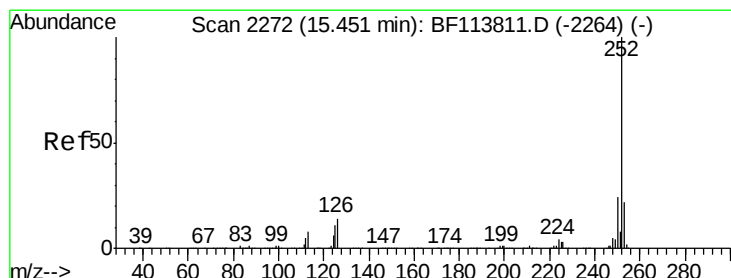
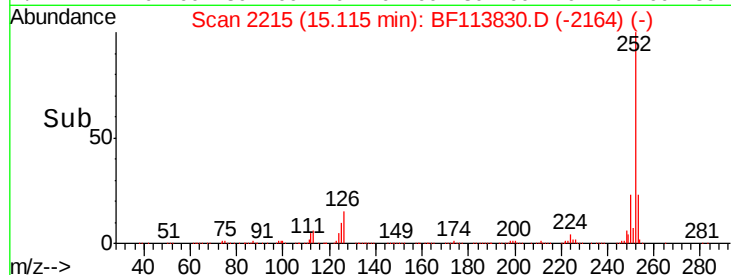
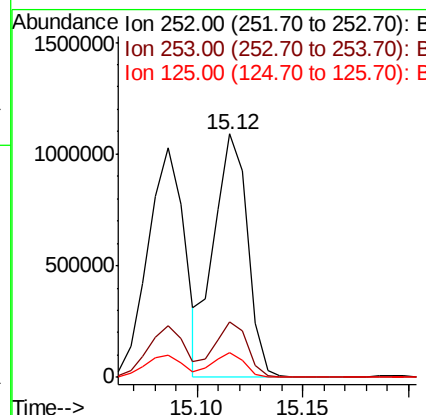
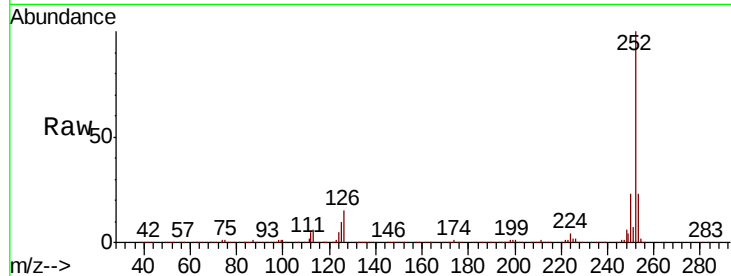
#89
Benzo(k)fluoranthene
Concen: 39.032 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampled :
TP-18-SMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.0	7.4	11.2

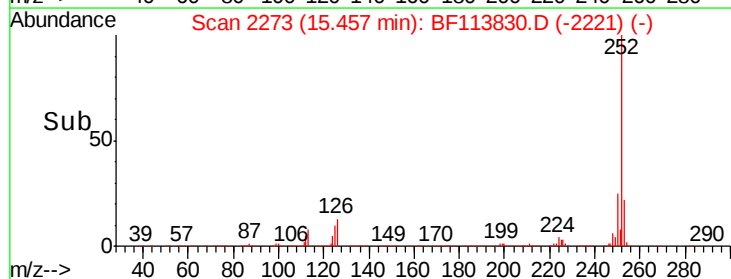
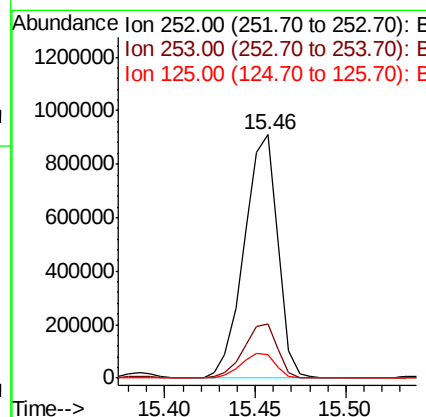
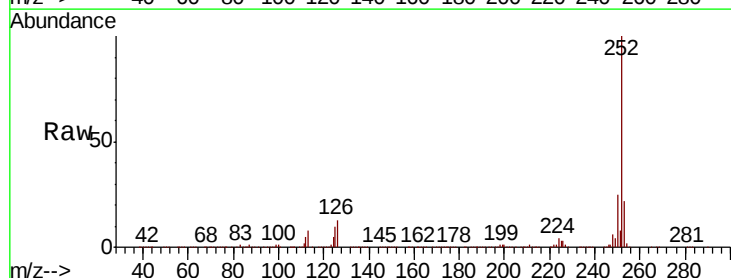
Manual Integrations
APPROVED

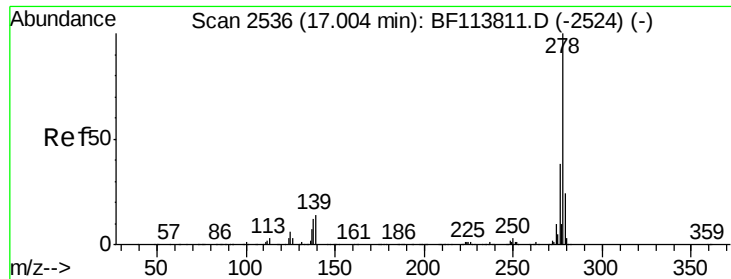
Sohil
4/23/2019 8:16:46 AM



#90
Benzo(a)pyrene
Concen: 39.180 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	9.9	8.5	12.7





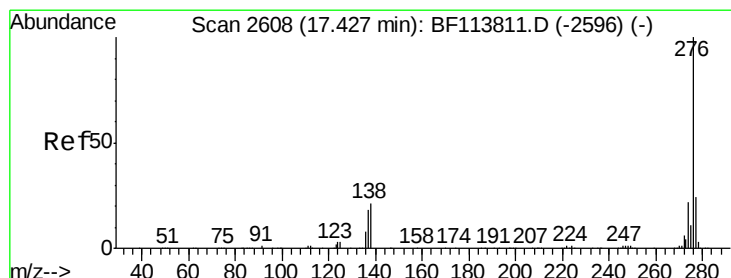
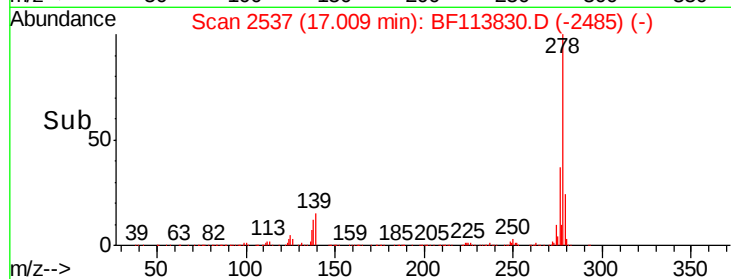
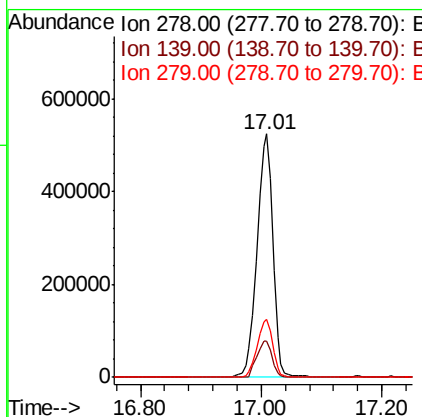
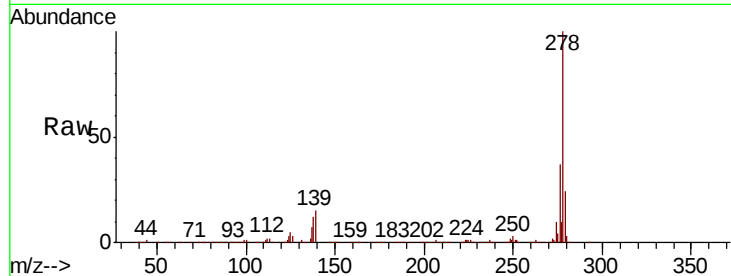
#91
Dibenzo(a,h)anthracene
Concen: 36.313 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.6	17.4
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/23/2019 8:16:46 AM



#92
Benzo(g,h,i)perylene
Concen: 31.780 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.4	16.6	25.0

