

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113831.D
 Acq On : 18 Apr 2019 21:59
 Operator : JU/SJ
 Sample : K2441-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 8:16:47 AM

Quant Time: Apr 19 02:53:20 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	172949	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	591924	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	260902	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	457555	20.00	ng	0.00
76) Chrysene-d12	14.04	240	476407	20.00	ng	0.00
87) Perylene-d12	15.52	264	567742	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1127265	108.38	ng	0.01
7) Phenol-d6	6.52	99	1444879	111.39	ng	0.00
23) Nitrobenzene-d5	7.45	82	821283	84.49	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	344178	119.40	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1141040	66.70	ng	0.00
79) Terphenyl-d14	12.99	244	1259642	55.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	161397	31.184	ng	98
3) Pyridine	3.49	79	430085	30.202	ng	99
4) n-Nitrosodimethylamine	3.43	42	155174	31.222	ng	100
6) Aniline	6.56	93	365941	19.881	ng	100
8) 2-Chlorophenol	6.68	128	356373	30.529	ng	98
9) Benzaldehyde	6.44	77	126131	12.202	ng	96
10) Phenol	6.53	94	459805m	31.622	ng	
11) bis(2-Chloroethyl)ether	6.63	93	365957	31.003	ng	98
12) 1,3-Dichlorobenzene	6.84	146	414304	31.944	ng	99
13) 1,4-Dichlorobenzene	6.92	146	419388	32.321	ng	100
14) 1,2-Dichlorobenzene	7.07	146	388333	32.475	ng	98
15) Benzyl Alcohol	7.03	79	327168	31.135	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	437331	30.545	ng	100
17) 2-Methylphenol	7.14	107	288023	30.206	ng	99
18) Hexachloroethane	7.41	117	142939	30.717	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	257868	29.784	ng	99
20) 3+4-Methylphenols	7.29	107	363310	31.711	ng	# 85
22) Acetophenone	7.30	105	495243	36.722	ng	97
24) Nitrobenzene	7.47	77	383293	35.086	ng	97
25) Isophorone	7.71	82	675872	33.583	ng	99
26) 2-Nitrophenol	7.79	139	164254	37.847	ng	94
27) 2,4-Dimethylphenol	7.82	122	311138	37.549	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	433755	33.917	ng	99
29) 2,4-Dichlorophenol	8.03	162	294786	33.389	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	340721	34.743	ng	98
31) Naphthalene	8.20	128	980582	35.023	ng	100
32) Benzoic acid	7.91	122	135460m	27.564	ng	
33) 4-Chloroaniline	8.24	127	157918	13.295	ng	96
34) Hexachlorobutadiene	8.32	225	207669	34.659	ng	98
35) Caprolactam	8.59	113	82218	28.848	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	274900	31.401	ng	99
37) 2-Methylnaphthalene	8.89	142	636094	34.242	ng	99
38) 1-Methylnaphthalene	8.99	142	595492	33.036	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	318007	38.408	ng	99

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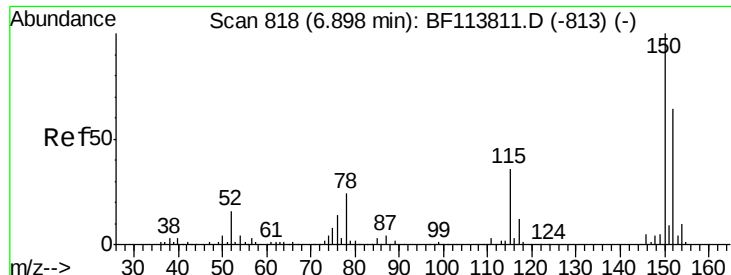
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	240947	52.938	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	198205	37.190	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	208820	36.307	nq	98
46) 1,1'-Biphenyl	9.35	154	760705	38.531	nq	99
47) 2-Chloronaphthalene	9.37	162	599723	37.107	nq	98
48) 2-Nitroaniline	9.46	65	155813	37.050	nq	91
49) Acenaphthylene	9.79	152	892380	35.303	nq	99
50) Dimethylphthalate	9.65	163	836690	45.825	nq	100
51) 2,6-Dinitrotoluene	9.70	165	142391	35.337	nq	98
52) Acenaphthene	9.96	154	534122	36.023	nq	99
53) 3-Nitroaniline	9.87	138	92979	21.791	nq	95
54) 2,4-Dinitrophenol	9.97	184	55586	42.144	nq	# 1
55) Dibenzofuran	10.13	168	792046	35.660	nq	99
56) 4-Nitrophenol	10.02	139	219069	63.090	nq	98
57) 2,4-Dinitrotoluene	10.10	165	173639	34.733	nq	98
58) Fluorene	10.47	166	573705	34.626	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	166951	34.017	nq	98
60) Diethylphthalate	10.35	149	620535	35.461	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	305259	35.978	nq	98
62) 4-Nitroaniline	10.47	138	113604	27.679	nq	97
63) Azobenzene	10.63	77	583440	32.446	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	41009	25.483	nq	95
66) n-Nitrosodiphenylamine	10.58	169	511933	36.910	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	192903	35.901	nq	96
68) Hexachlorobenzene	11.03	284	205010	34.694	nq	96
69) Atrazine	11.10	200	159010	37.055	nq	99
70) Pentachlorophenol	11.22	266	229704	68.571	nq	98
71) Phenanthrene	11.43	178	824968	35.401	nq	100
72) Anthracene	11.49	178	851201	36.248	nq	99
73) Carbazole	11.63	167	752593	35.298	nq	99
74) Di-n-butylphthalate	11.97	149	879384	37.059	nq	98
75) Fluoranthene	12.62	202	952638	38.573	nq	98
77) Benzidine	12.73	184	439310	27.800	nq	98
78) Pyrene	12.85	202	986346	29.377	nq	99
80) Butylbenzylphthalate	13.47	149	399362	32.109	nq	99
81) Benzo(a)anthracene	14.03	228	1012977	36.375	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	360273	36.398	nq	99
83) Chrysene	14.07	228	1027213	37.162	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	545096	36.634	nq	98
85) Di-n-octyl phthalate	14.64	149	1071945	46.432	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1058418	46.905	nq	99
88) Benzo(b)fluoranthene	15.09	252	1179368	33.322	nq	99
89) Benzo(k)fluoranthene	15.12	252	1120825	34.769	nq	99
90) Benzo(a)pyrene	15.46	252	1124179	35.921	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	902351	32.405	nq	100
92) Benzo(g,h,i)perylene	17.43	276	812539	28.708	nq	99

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



#1

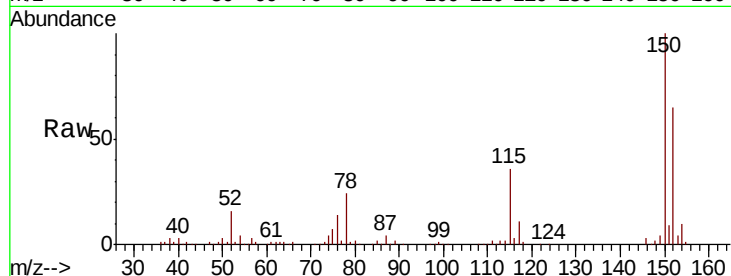
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.9	188.9
115	55.8	45.9	68.9

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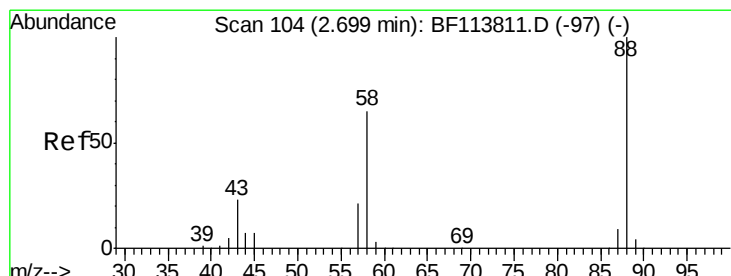
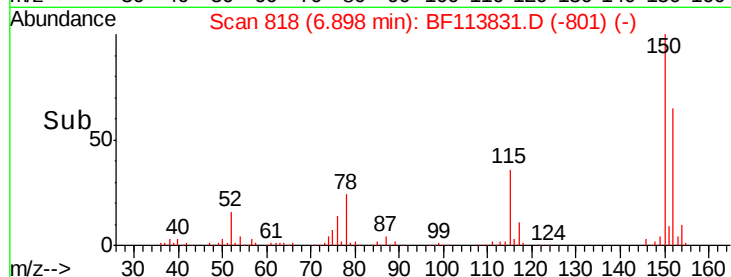
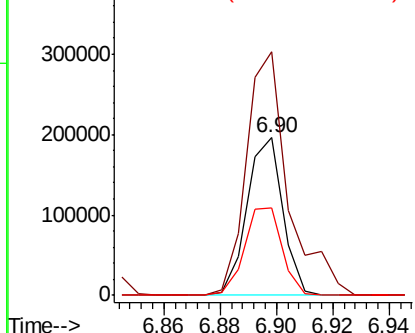


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.184 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.04 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

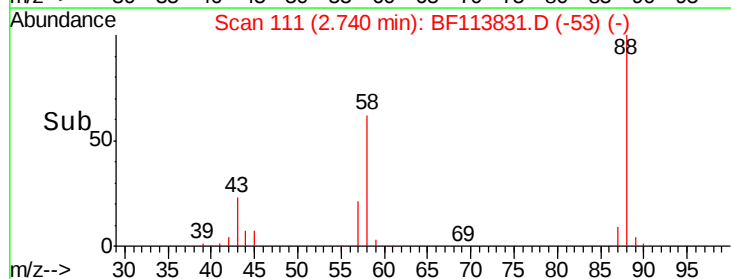
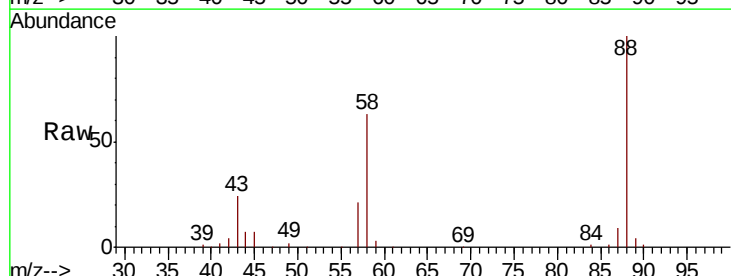
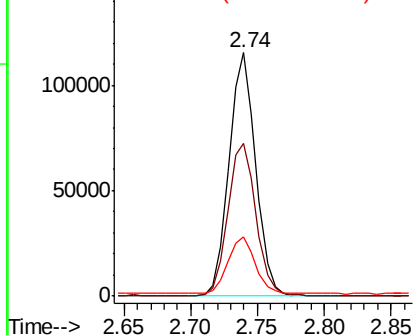
Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.0	53.3	79.9
43	23.7	19.0	28.4

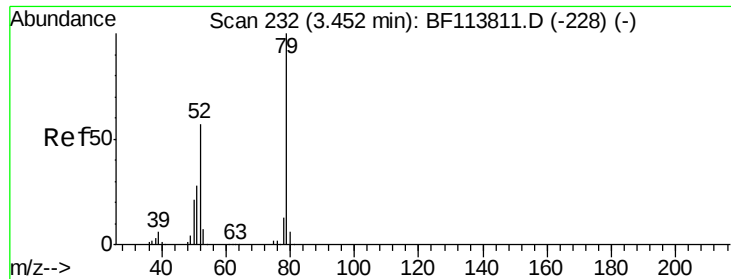
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.202 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.04 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

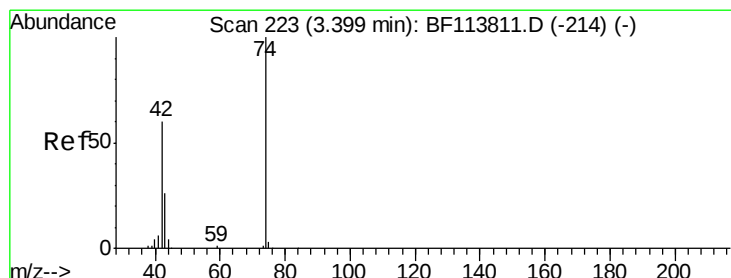
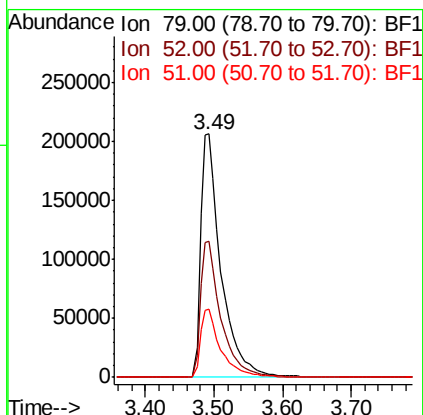
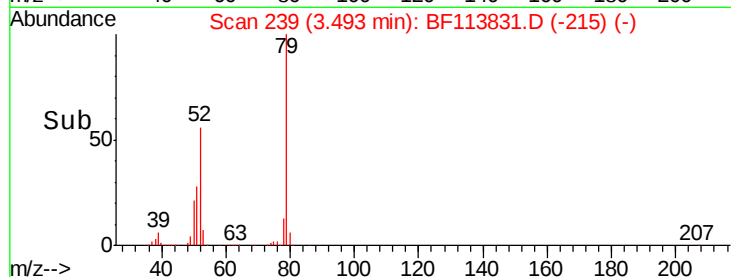
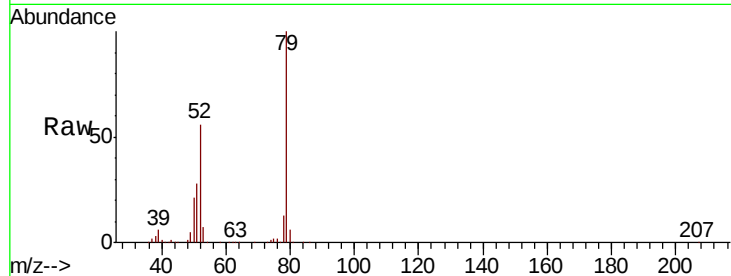
ClientSampled :

TP-18-SMSD

Tot Ion:	79	Resp:	430085
Ion Ratio	Lower	Upper	
79	100		
52	55.9	45.3	67.9
51	28.2	22.1	33.1

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#4

n-Nitrosodimethylamine

Concen: 31.222 ng

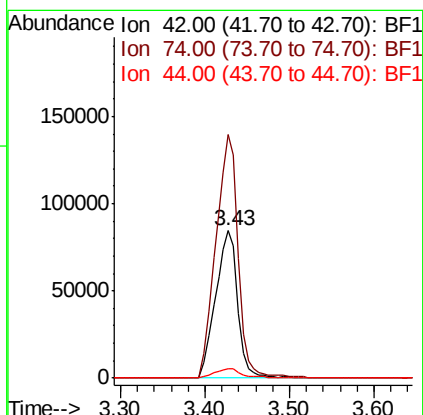
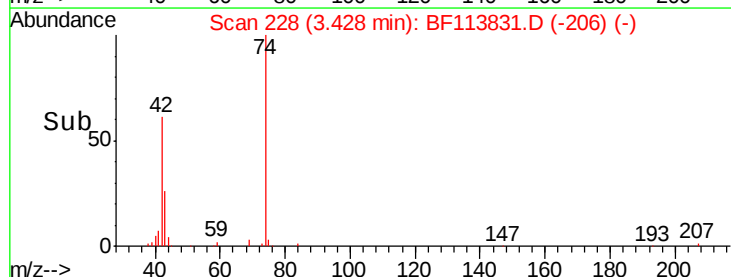
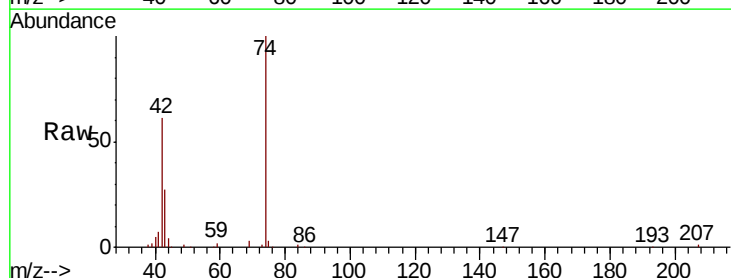
RT: 3.43 min Scan# 228

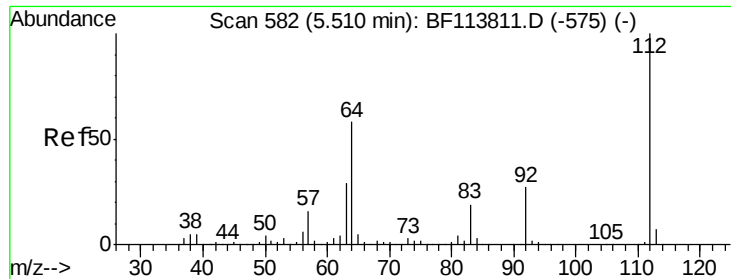
Delta R.T. 0.03 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion:	42	Resp:	155174
Ion Ratio	Lower	Upper	
42	100		
74	165.2	132.6	198.8
44	6.6	5.8	8.8





#5

2-Fluorophenol

Concen: 108.378 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

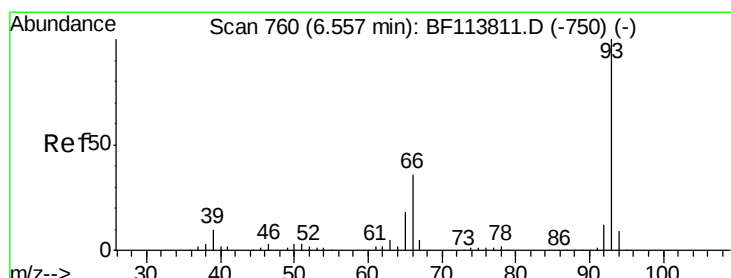
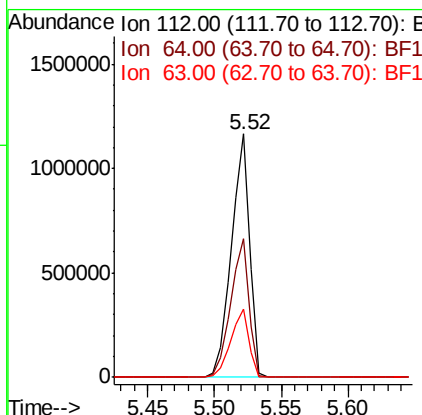
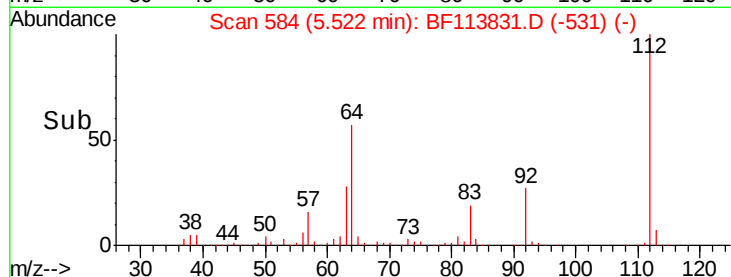
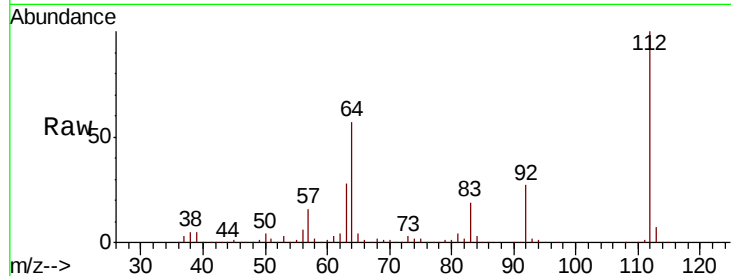
ClientSampleId :

TP-18-SMSD

Tot Ion:	112	Resp:	1127265
Ion Ratio	Lower	Upper	
112	100		
64	56.8	46.6	69.8
63	28.0	23.1	34.7

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#6

Aniline

Concen: 19.881 ng

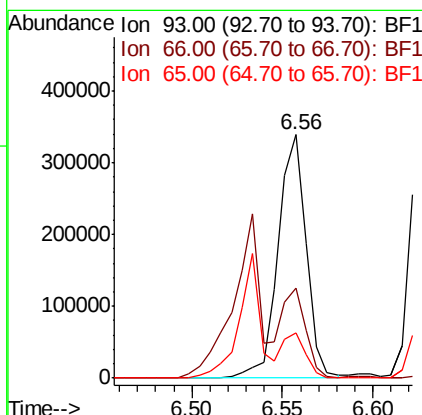
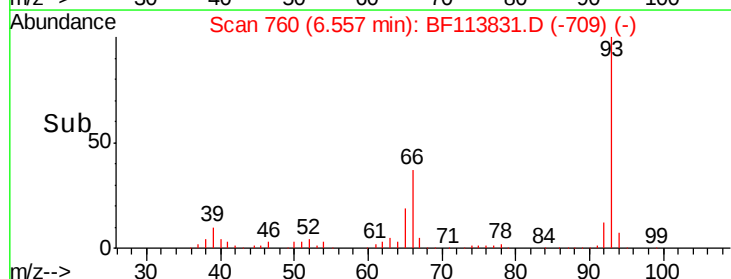
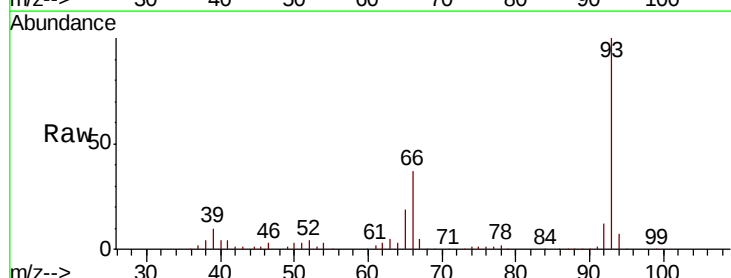
RT: 6.56 min Scan# 760

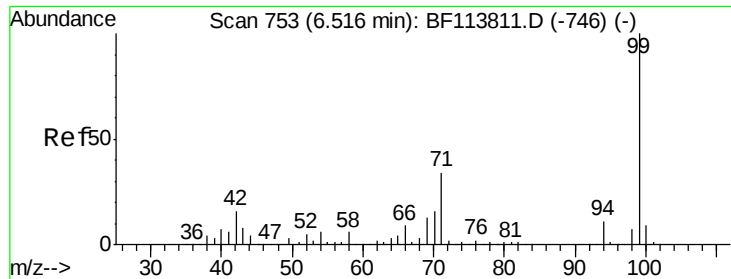
Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion:	93	Resp:	365941
Ion Ratio	Lower	Upper	
93	100		
66	36.9	29.8	44.6
65	18.6	14.9	22.3





#7

Phenol-d6

Concen: 111.392 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

TP-18-SMSD

Tot Ion: 99 Resp: 1444879

Ion Ratio Lower Upper

99 100

42 15.6 12.5 18.7

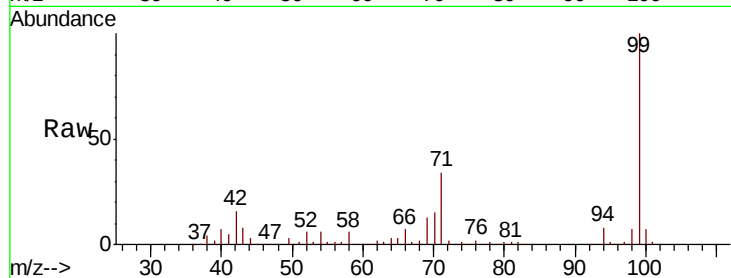
71 33.7 26.9 40.3

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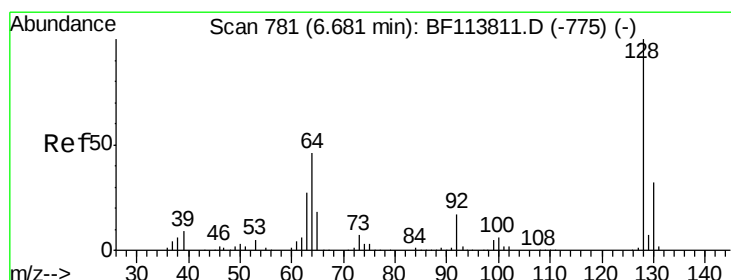
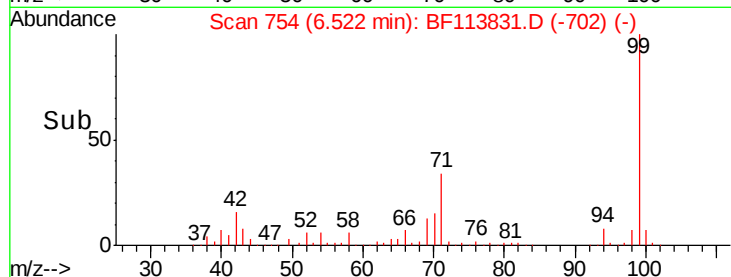
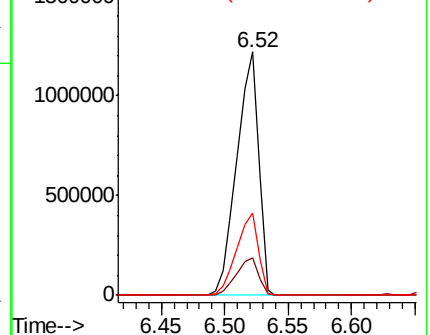
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 30.529 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

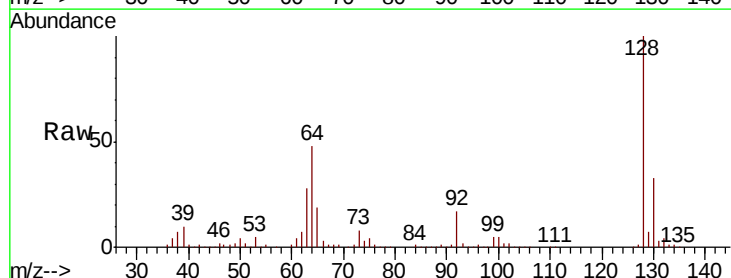
Tgt Ion:128 Resp: 356373

Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

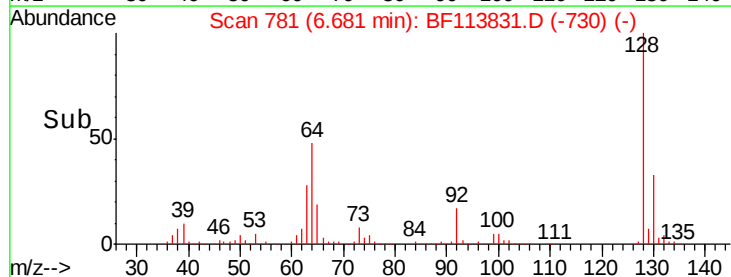
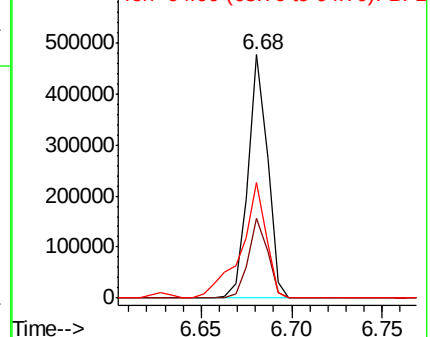
64 47.7 26.1 66.1

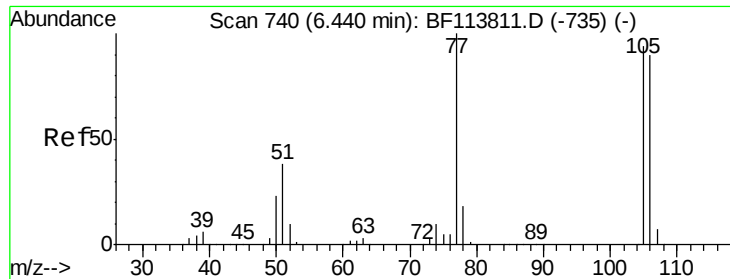


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.202 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

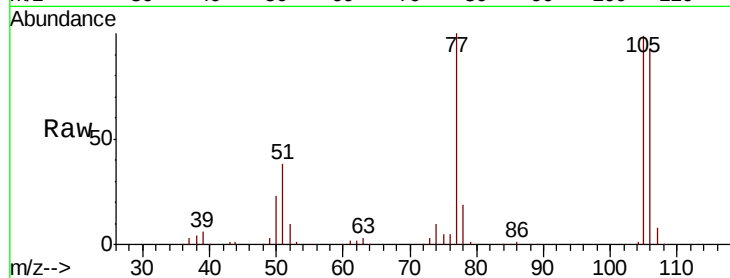
ClientSampleId :

TP-18-SMSD

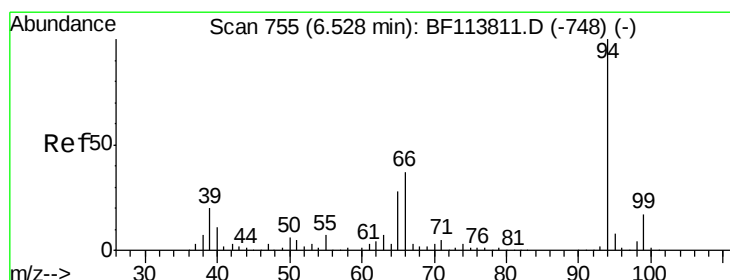
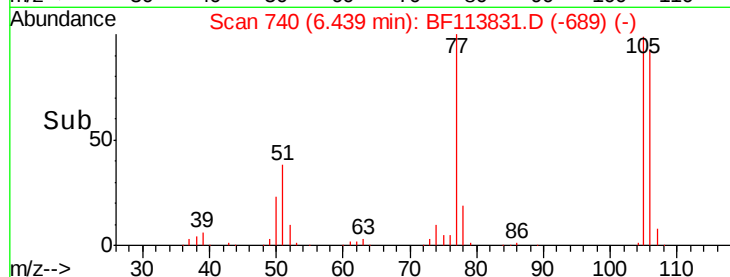
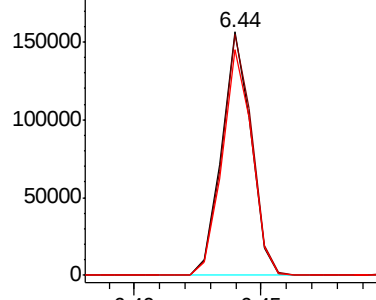
Tot Ion:	77	Resp:	126131
Ion	Ratio	Lower	Upper
77	100		
105	98.8	74.1	114.1
106	92.8	70.3	110.3

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.622 ng m

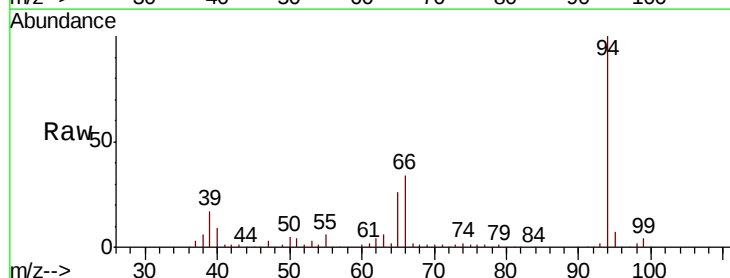
RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

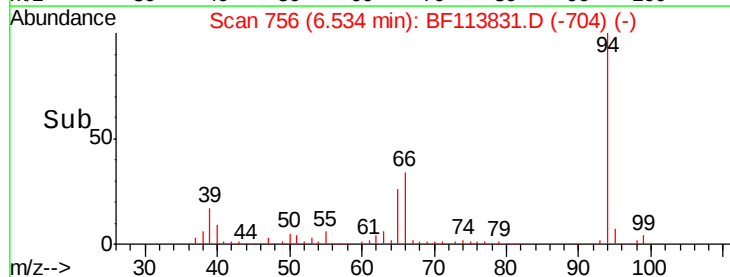
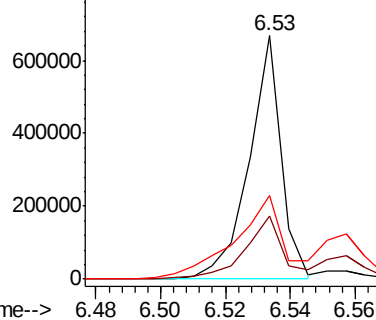
Lab File: BF113831.D

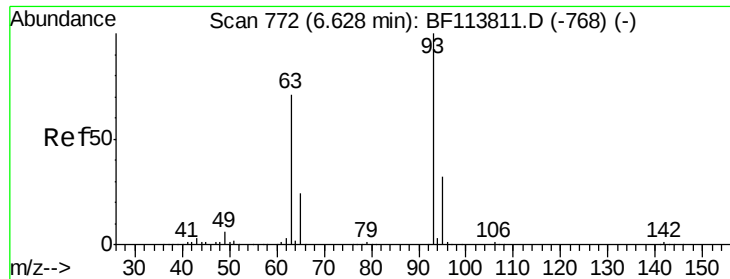
Acq: 18 Apr 2019 21:59

Tgt Ion:	94	Resp:	459805
Ion	Ratio	Lower	Upper
94	100		
65	26.1	8.1	48.1
66	34.1	16.6	56.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 31.003 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

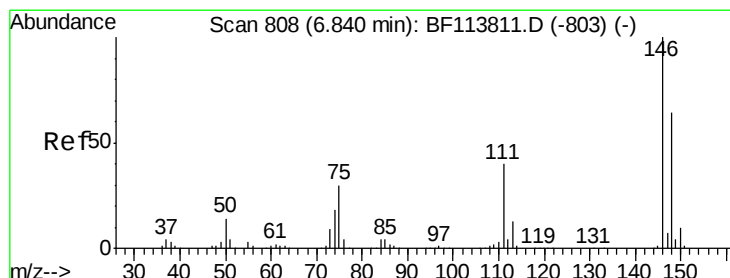
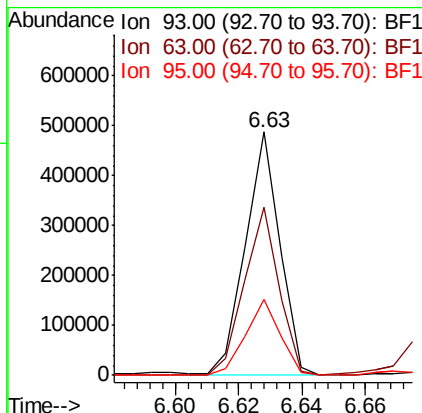
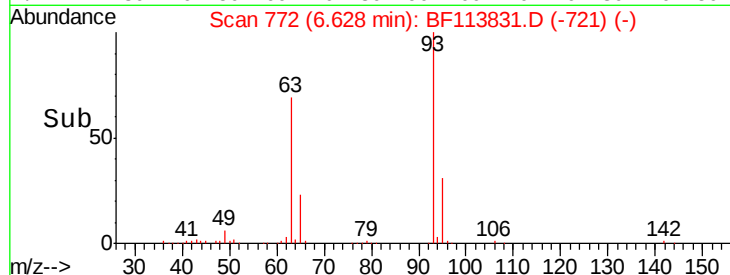
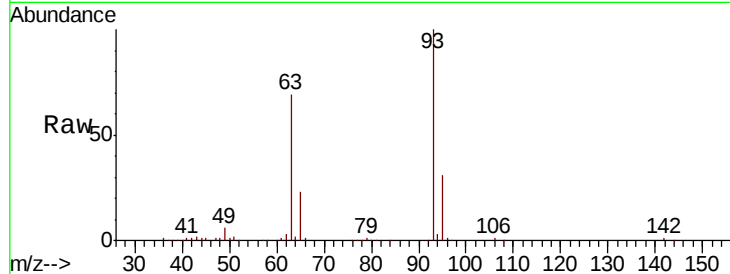
ClientSampleId :

TP-18-SMSD

Tot Ion:	93	Resp:	365957
Ion Ratio	Lower	Upper	
93	100		
63	69.1	50.7	90.7
95	31.4	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 31.944 ng

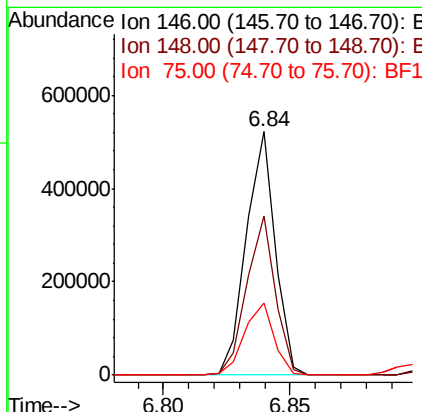
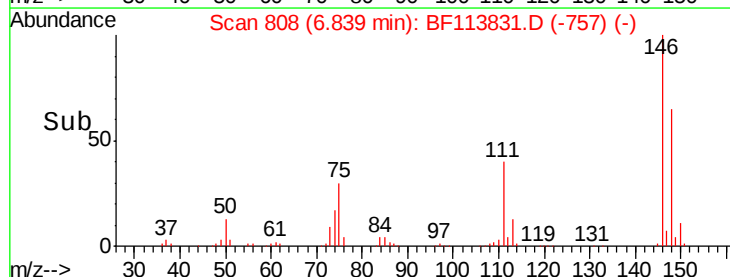
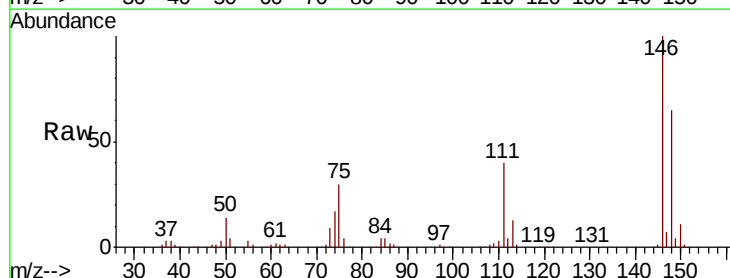
RT: 6.84 min Scan# 808

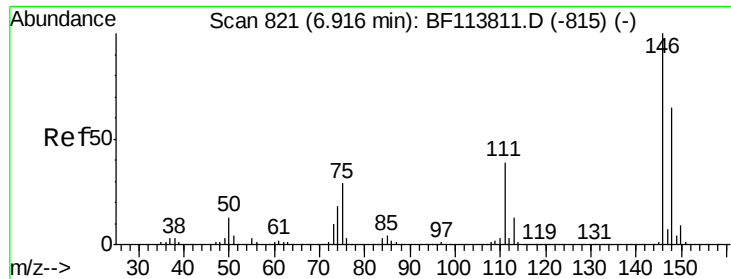
Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion:	146	Resp:	414304
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.0	76.6
75	29.8	23.8	35.8





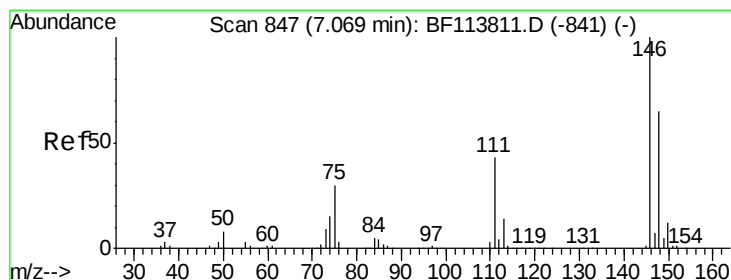
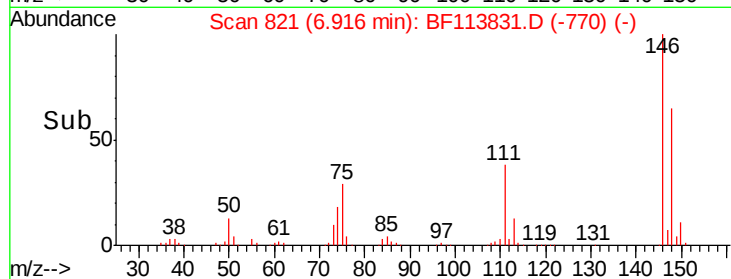
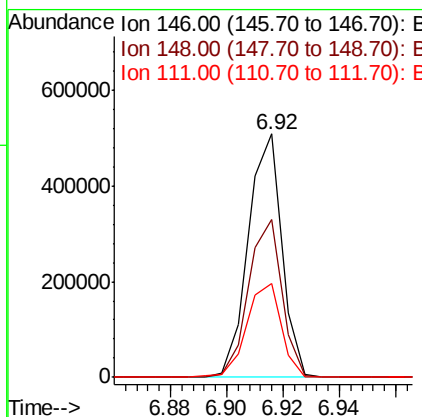
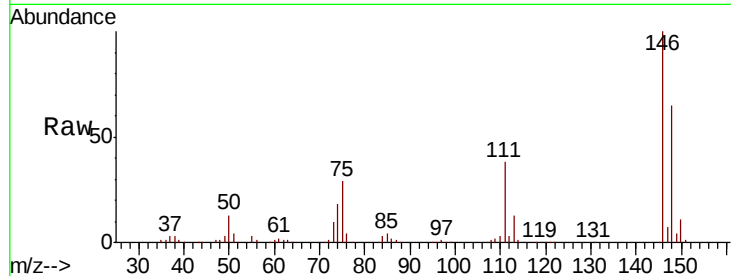
#13
 1,4-Dichlorobenzene
 Concen: 32.321 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		419388		
148	64.7	51.8	77.8		
111	38.3	30.9	46.3		

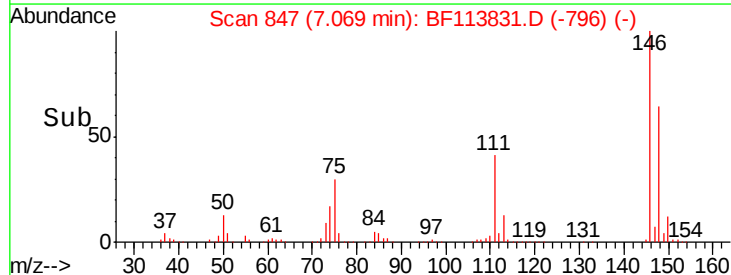
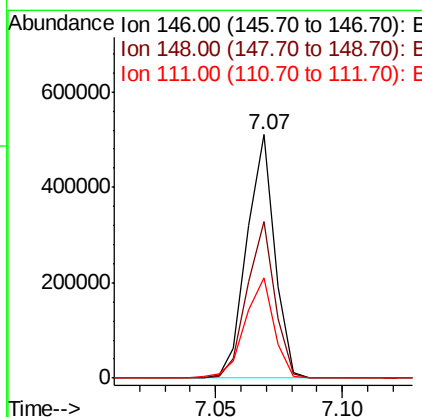
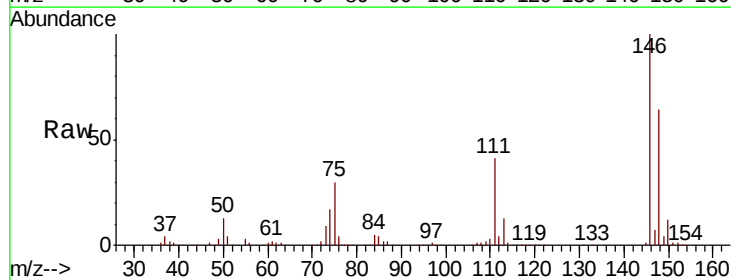
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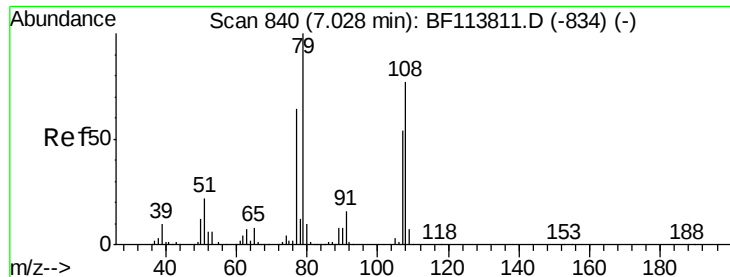
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#14
 1,2-Dichlorobenzene
 Concen: 32.475 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		388333		
148	64.2	52.1	78.1		
111	41.4	34.2	51.4		





#15

Benzyl Alcohol

Concen: 31.135 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

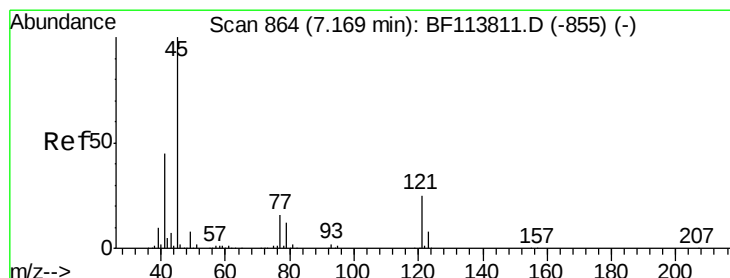
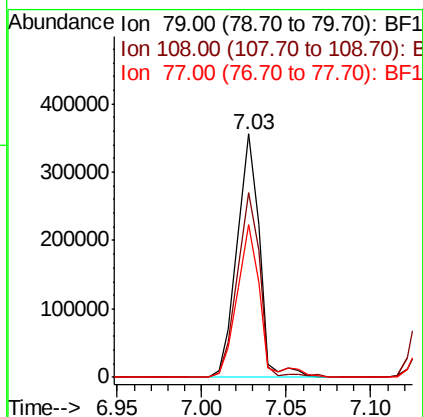
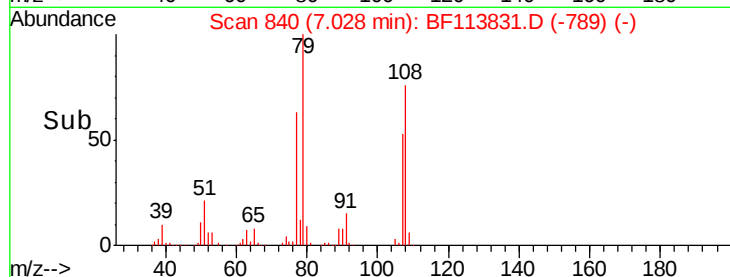
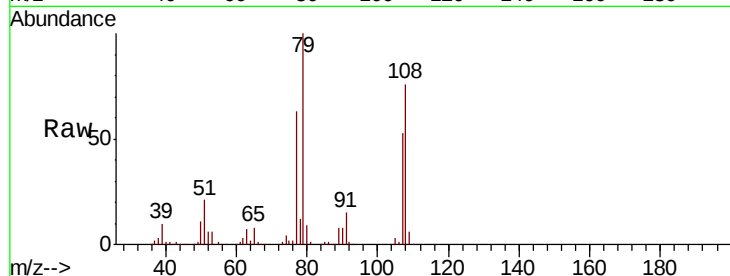
ClientSampleId :

TP-18-SMSD

Tot Ion:	79	Resp:	327168
Ion Ratio	Lower	Upper	
79	100		
108	76.1	61.4	92.0
77	62.9	51.6	77.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.545 ng

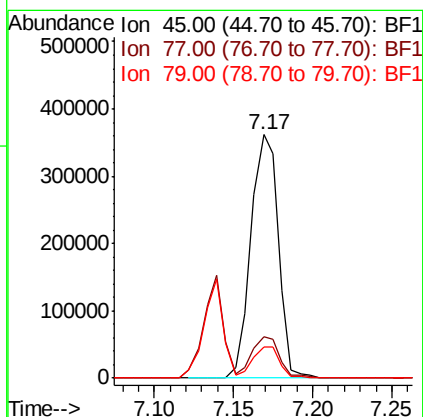
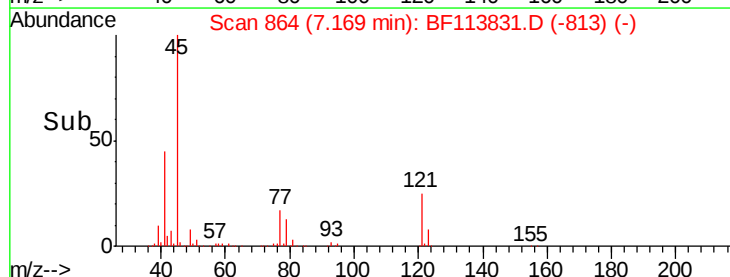
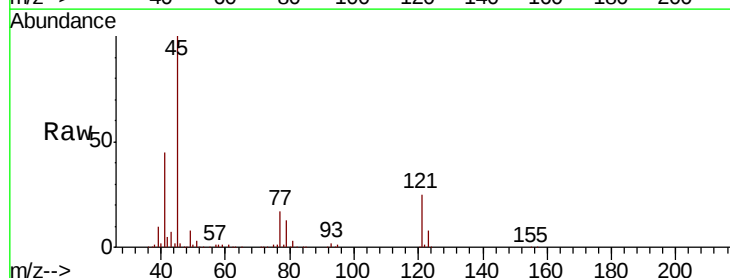
RT: 7.17 min Scan# 864

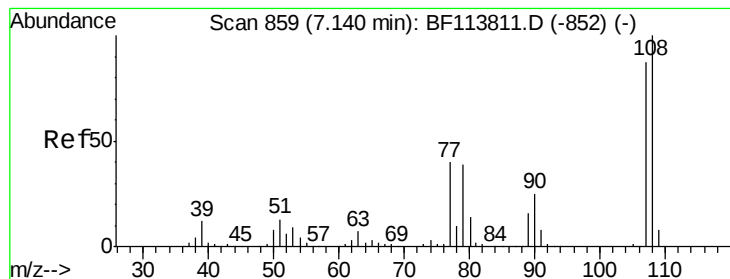
Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion:	45	Resp:	437331
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	37.0
79	12.8	0.0	32.7





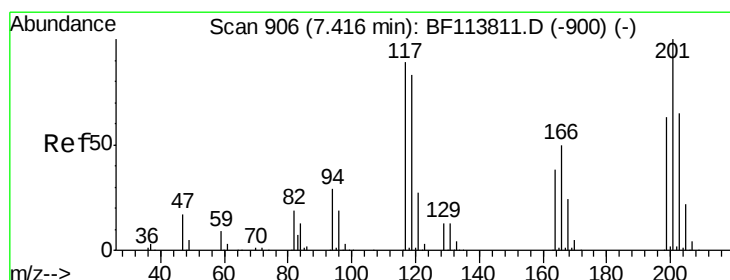
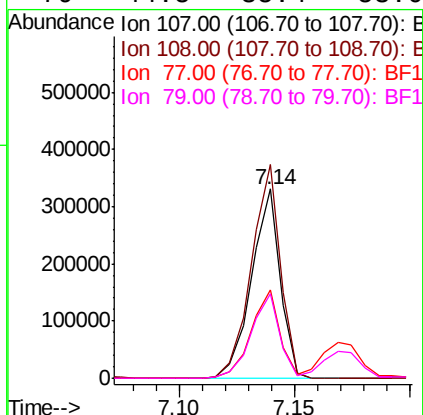
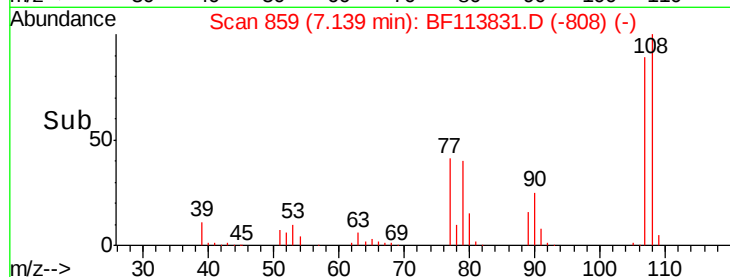
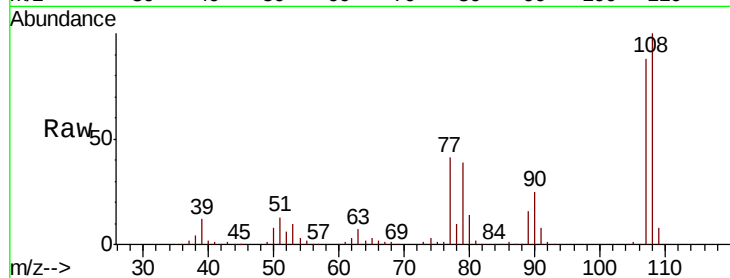
#17
2-Methylphenol
Concen: 30.206 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	288023		
108	113.1	91.5	137.3	
77	46.5	36.2	54.4	
79	44.5	35.4	53.0	

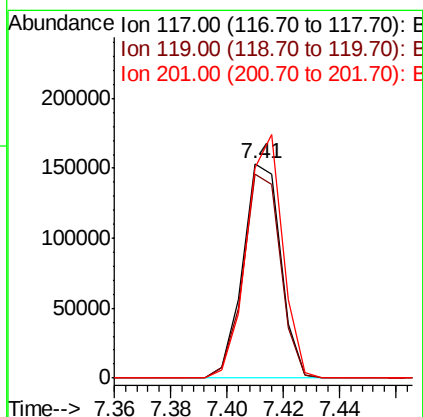
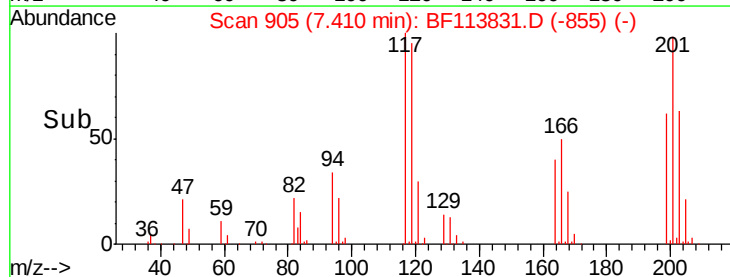
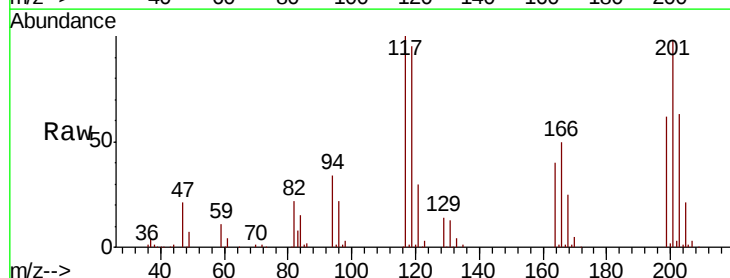
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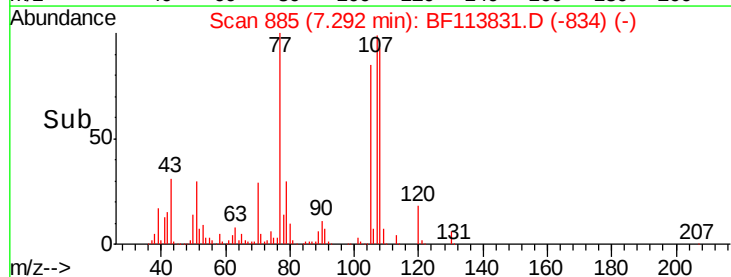
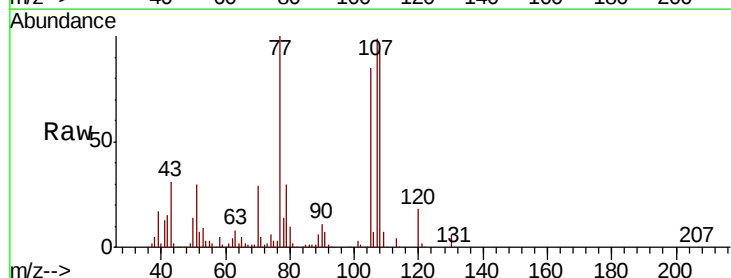
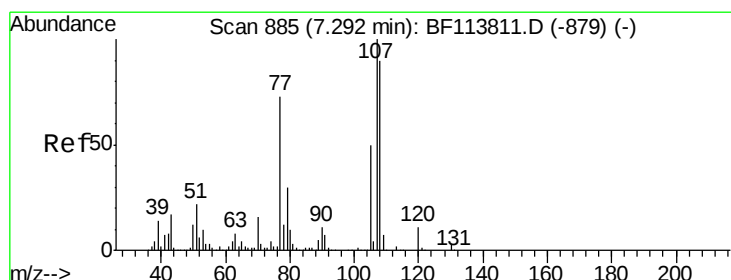
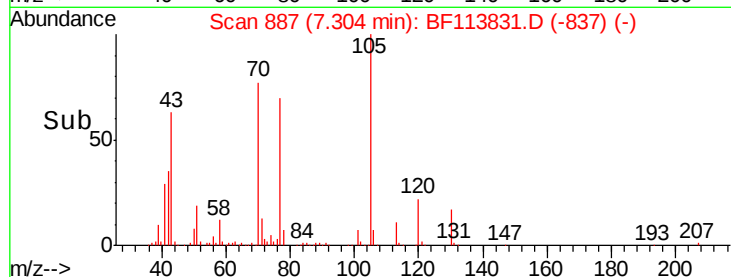
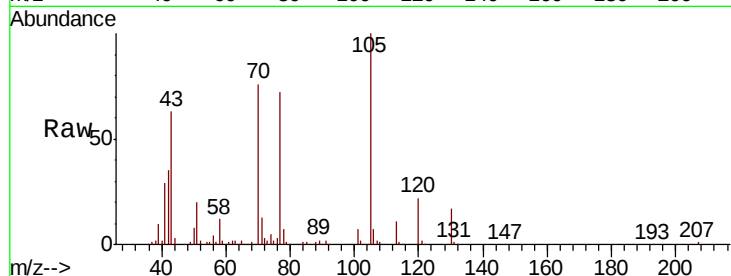
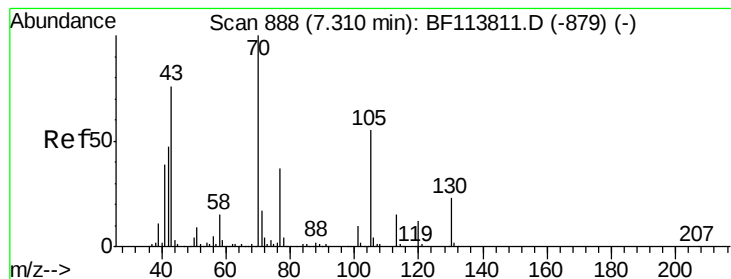
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#18
Hexachloroethane
Concen: 30.717 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	142939		
119	95.0	74.4	111.6	
201	98.1	90.2	135.2	





#19

n-Nitroso-di-n-propylamine

Concen: 29.784 ng

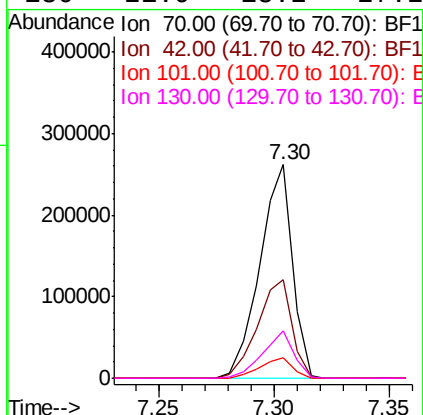
RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.2	37.3	55.9
101	9.6	7.8	11.8
130	21.9	18.2	27.2



Instrument :

BNA_F

ClientSampleId :

TP-18-SMSD

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#20

3+4-Methylphenols

Concen: 31.711 ng

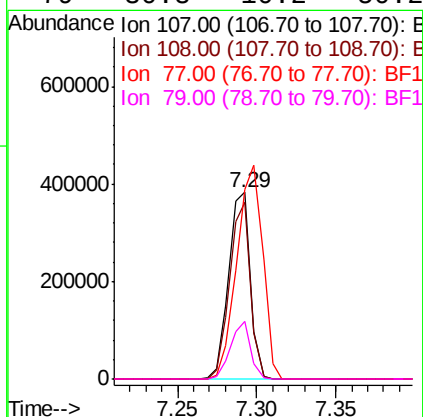
RT: 7.29 min Scan# 885

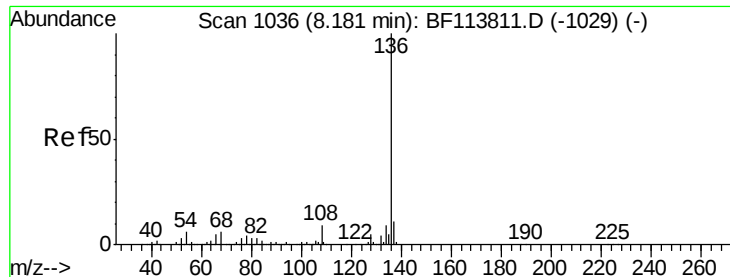
Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.3	70.1	110.1
77	101.2	52.9	92.9
79	30.8	10.2	50.2





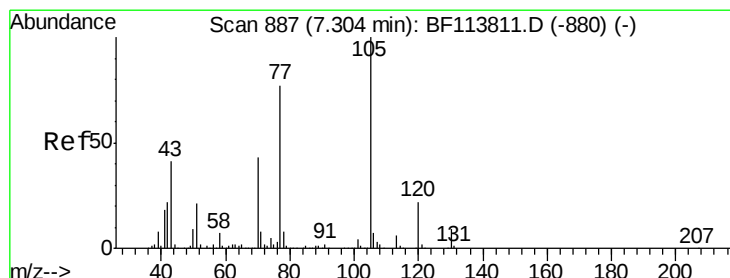
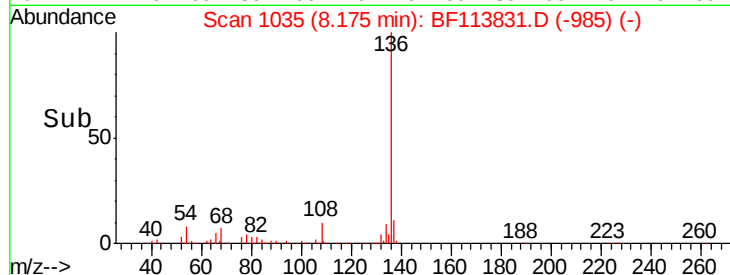
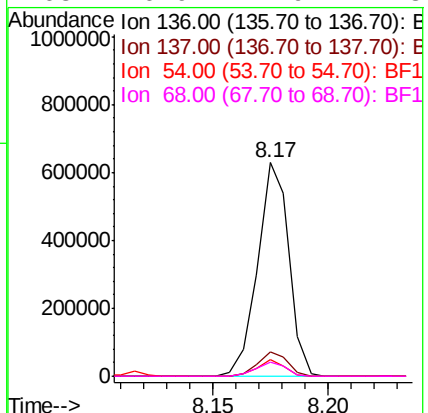
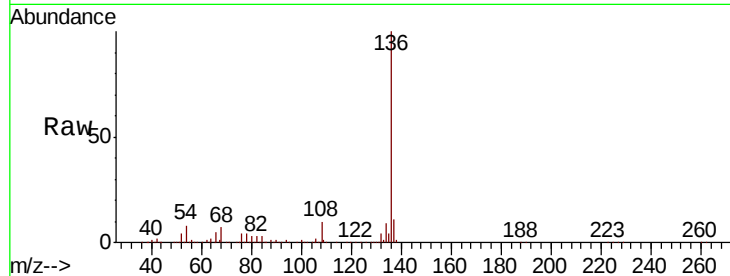
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	591924		
137	11.1	8.6	12.8	
54	7.5	5.0	7.6	
68	6.9	4.9	7.3	

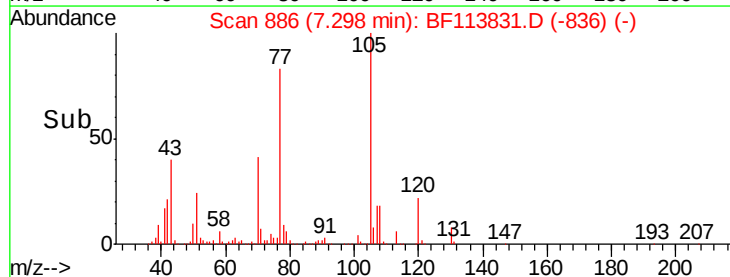
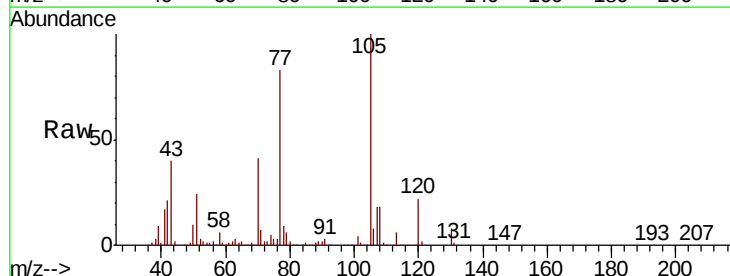
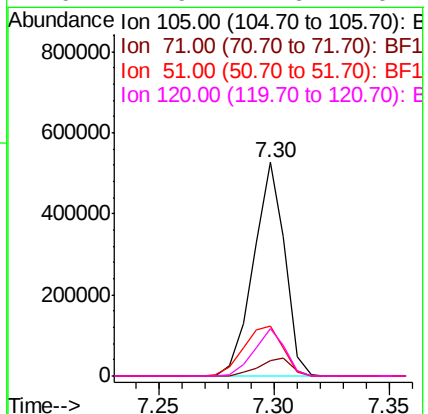
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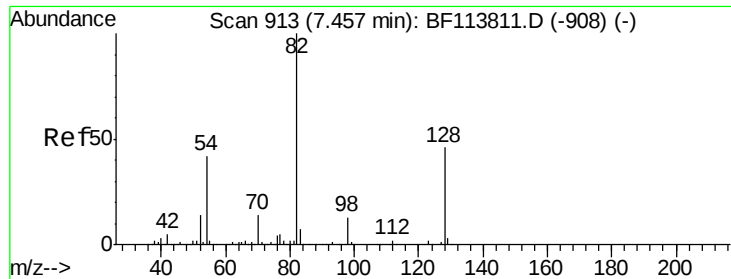
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#22
Acetophenone
Concen: 36.722 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	495243		
71	7.1	6.1	9.1	
51	23.6	16.8	25.2	
120	21.9	17.6	26.4	





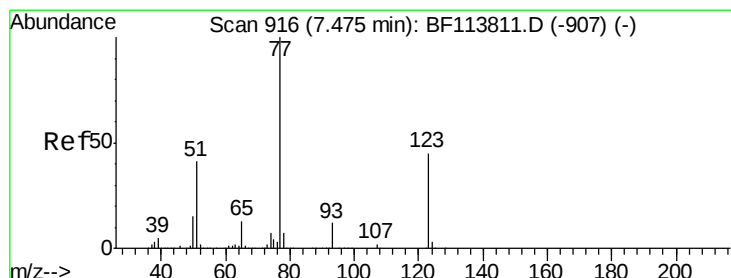
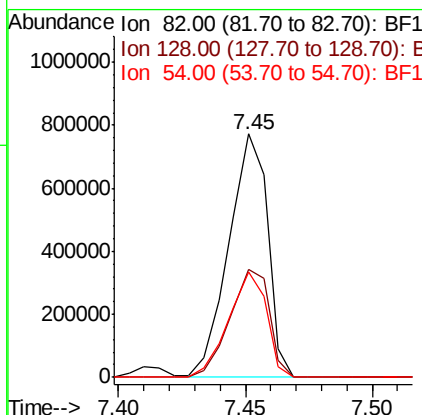
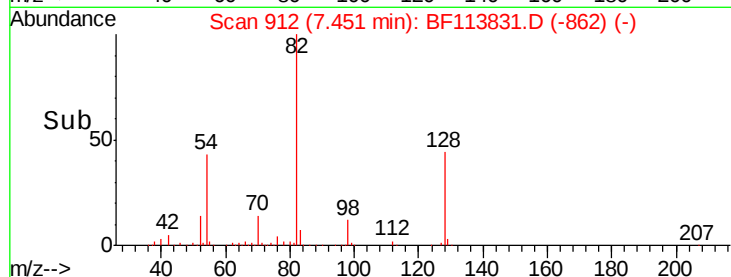
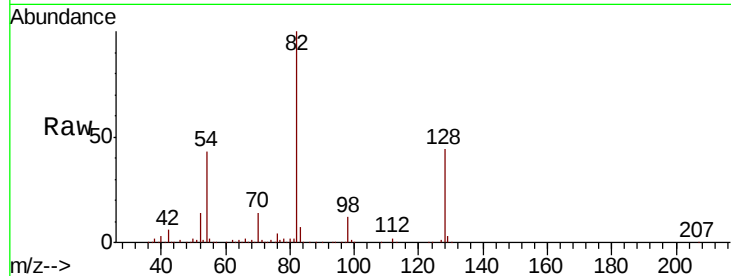
#23
 Nitrobenzene-d5
 Concen: 84.493 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.8	55.2
54	43.1	33.8	50.6

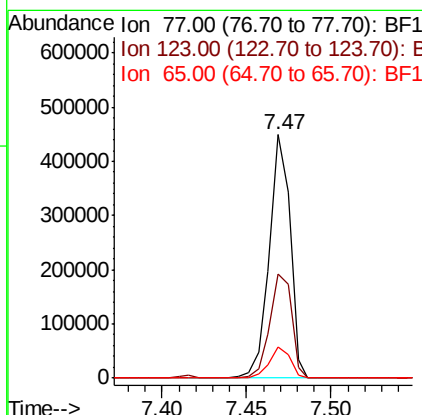
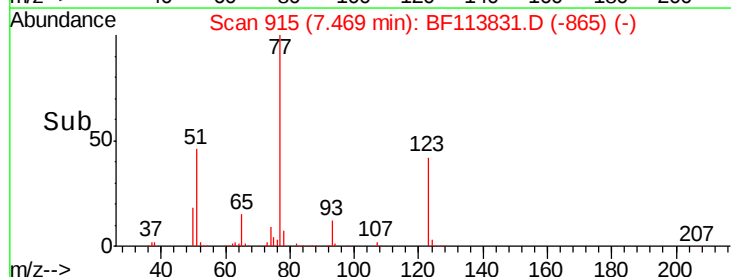
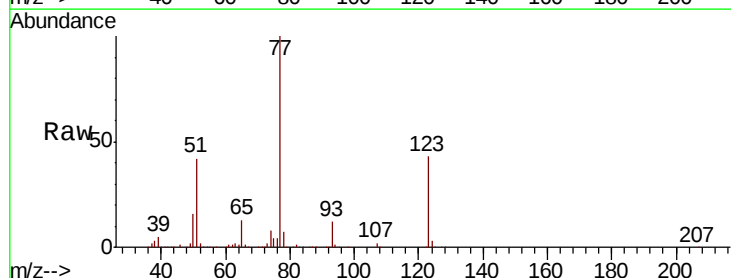
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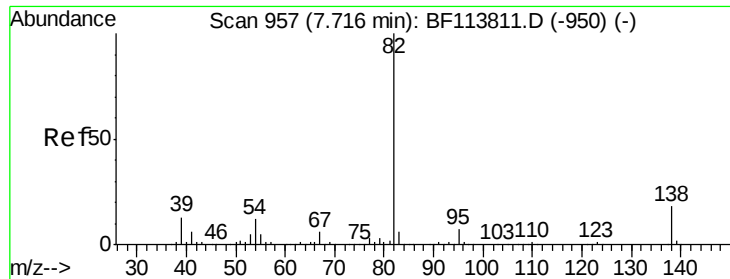
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#24
 Nitrobenzene
 Concen: 35.086 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	36.3	54.5
65	13.0	10.3	15.5





#25

Isophorone

Concen: 33.583 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

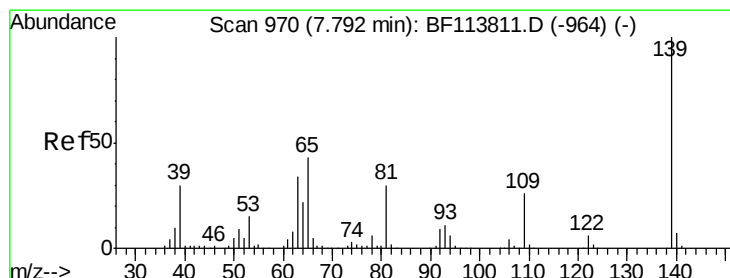
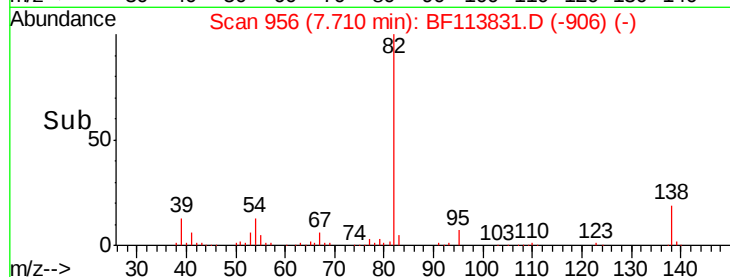
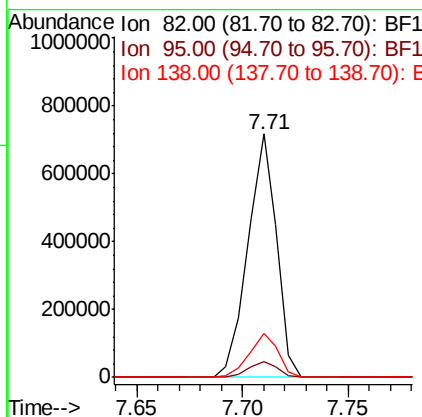
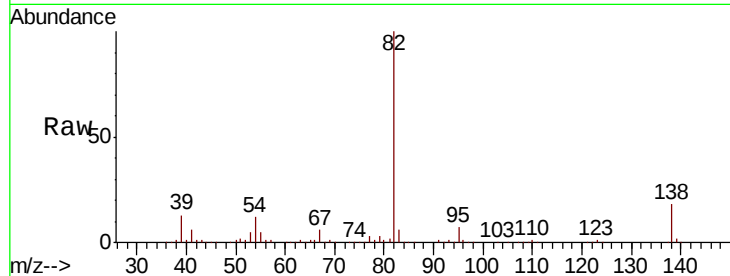
ClientSampleId :

TP-18-SMSD

Tot Ion:	82	Resp:	675872
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	17.9	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.847 ng

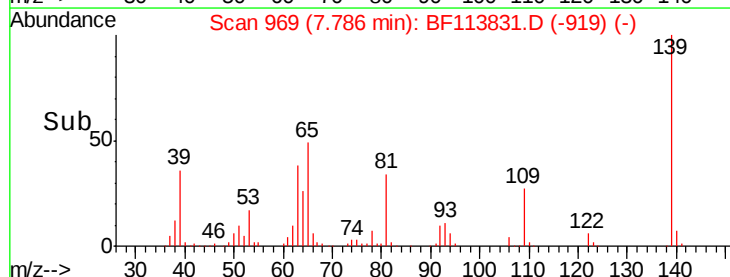
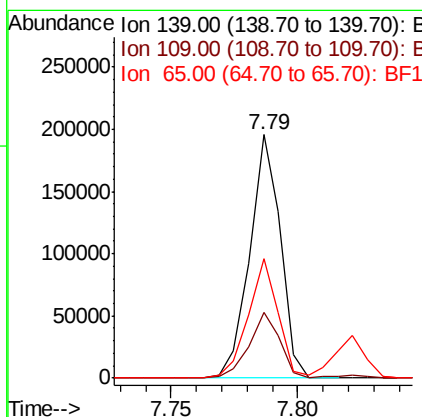
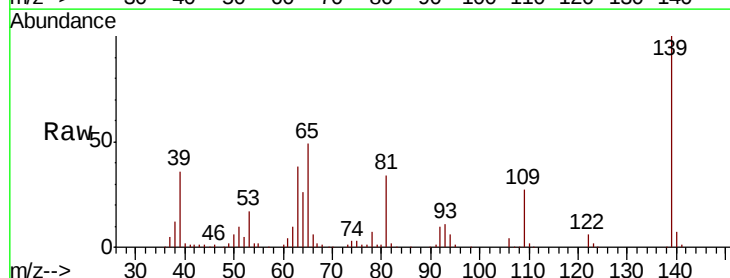
RT: 7.79 min Scan# 969

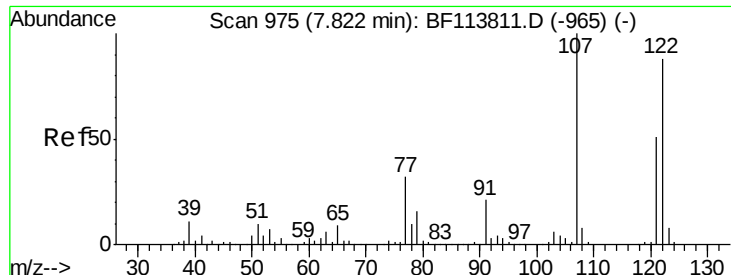
Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion:	139	Resp:	164254
Ion Ratio	Lower	Upper	
139	100		
109	27.0	20.6	31.0
65	48.9	34.6	52.0





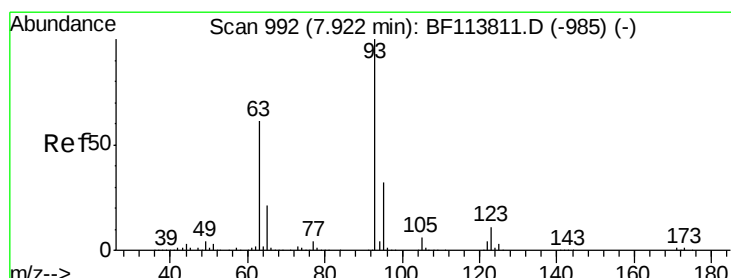
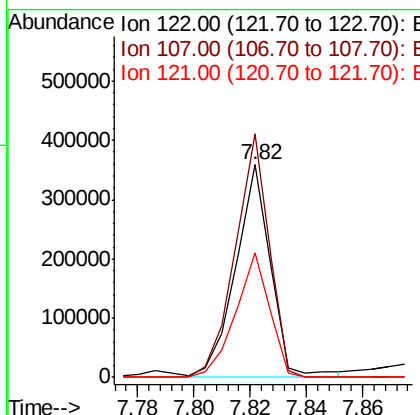
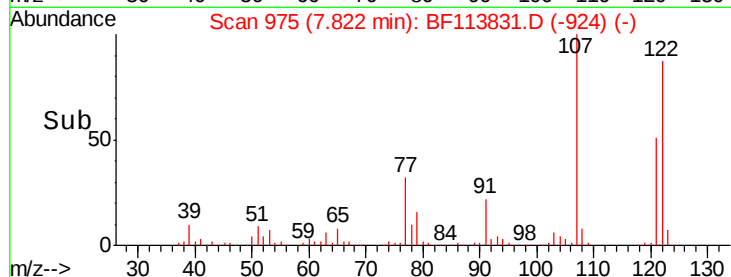
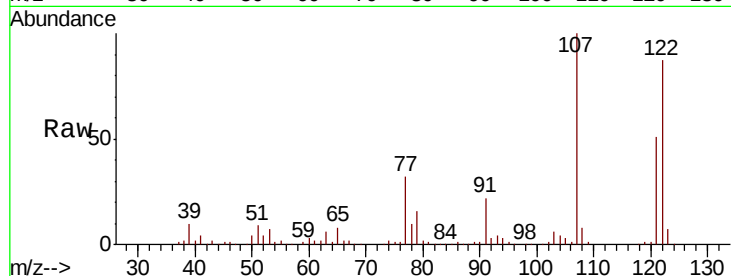
#27
2,4-Dimethylphenol
Concen: 37.549 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampled :
TP-18-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	311138		
107	114.6	91.2	136.8	
121	58.6	46.4	69.6	

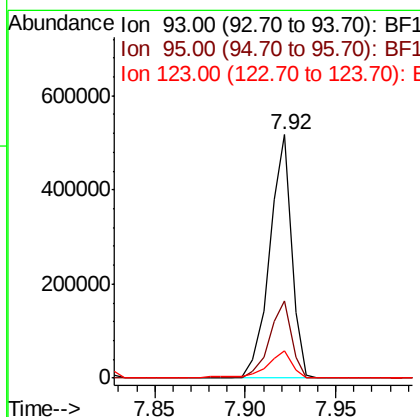
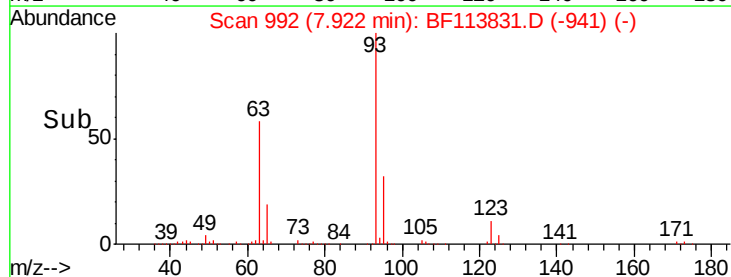
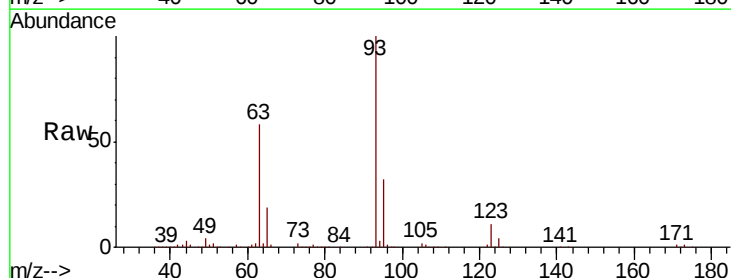
Manual Integrations
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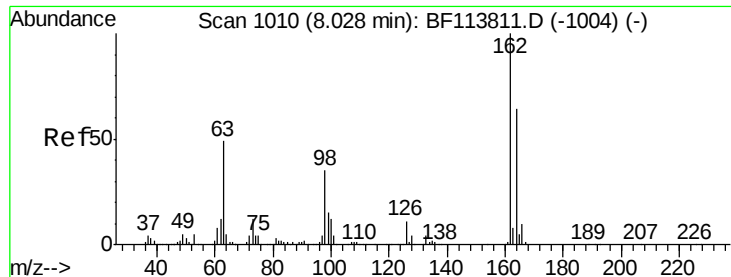
Sohil
4/23/2019 8:16:47 AM



#28
bis(2-Chloroethoxy)methane
Concen: 33.917 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	433755		
95	31.9	25.8	38.6	
123	11.5	9.0	13.6	





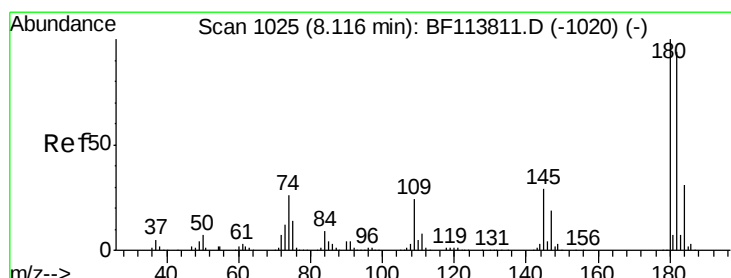
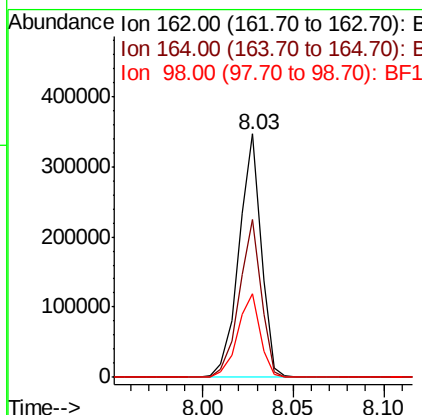
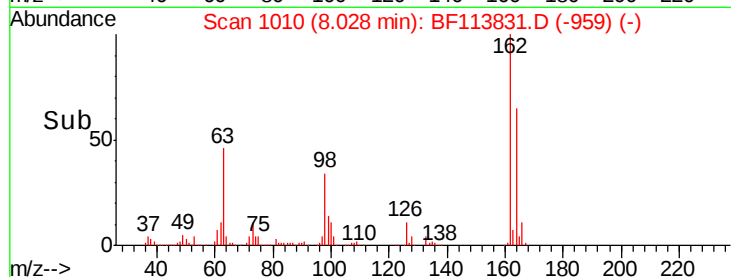
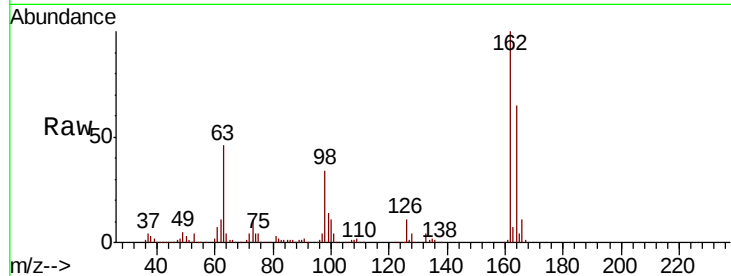
#29
2,4-Dichlorophenol
Concen: 33.389 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	43.7	83.7
98	34.2	15.5	55.5

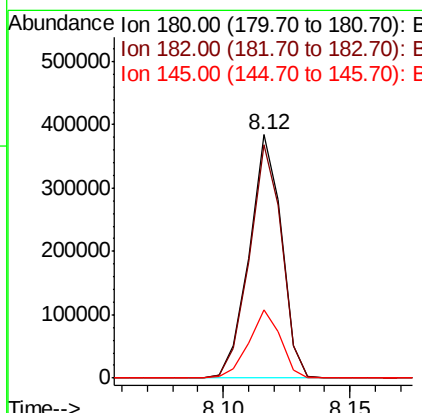
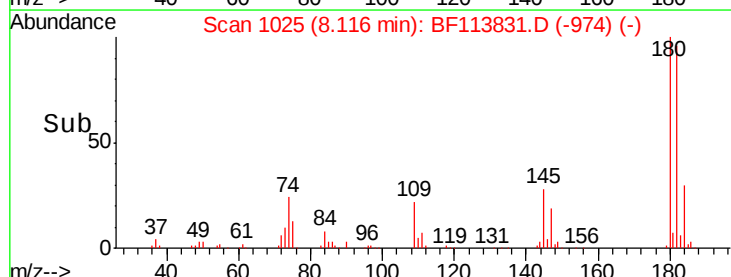
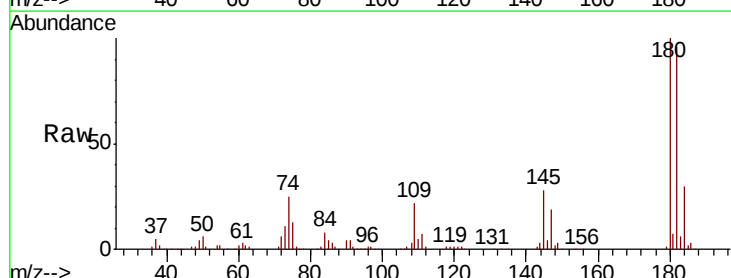
Manual Integrations
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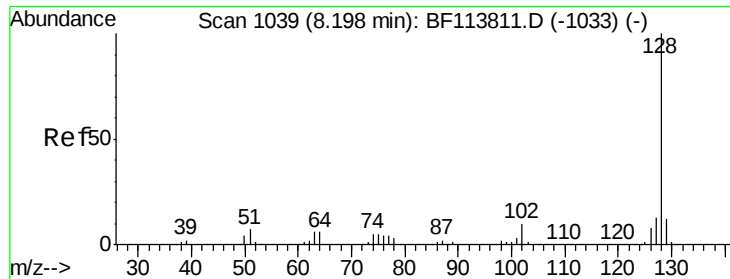
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 34.743 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.1	75.4	113.0
145	28.0	23.0	34.4





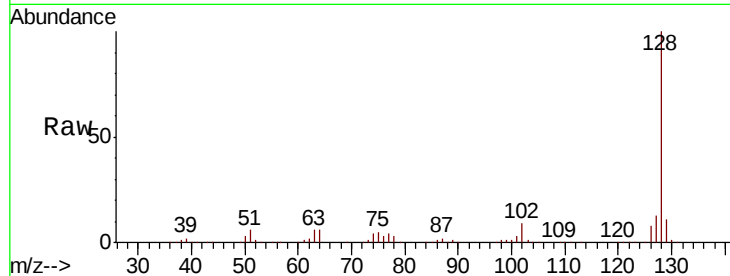
#31
Naphthalene
Concen: 35.023 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.4	10.8	16.2

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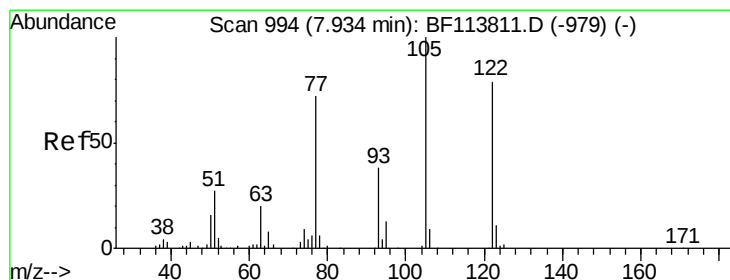
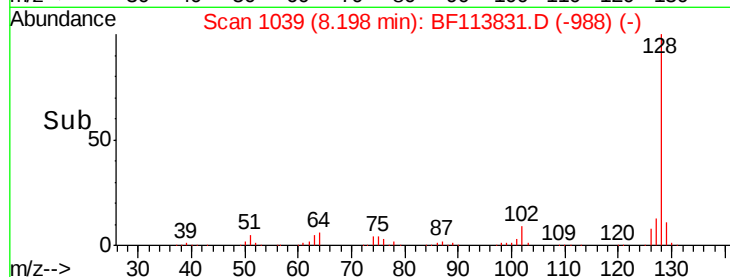
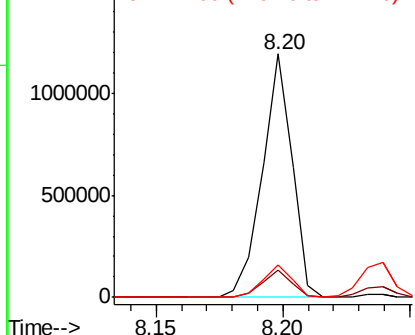


Abundance

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: 27.564 ng m
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

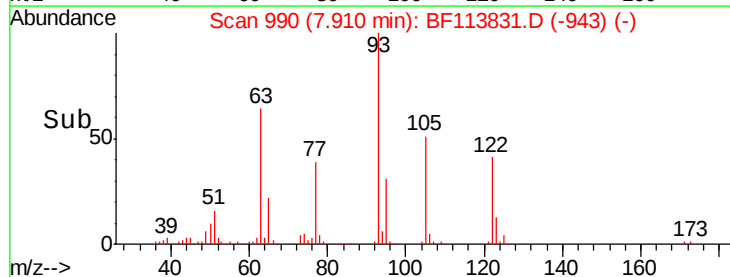
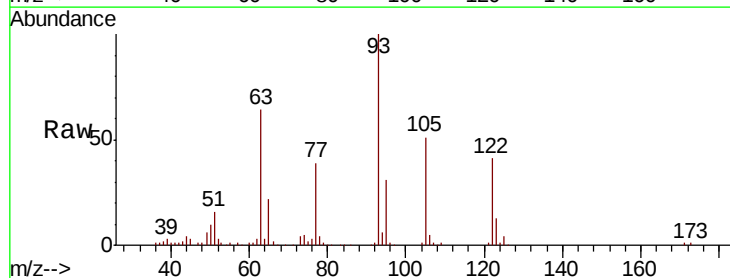
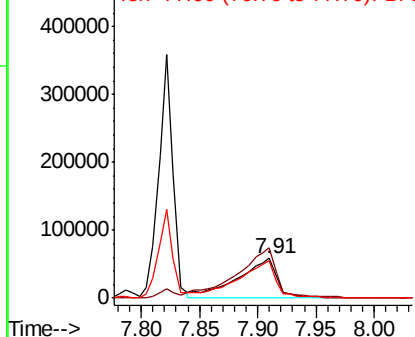
Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.3	144.3
77	95.1	70.4	110.4

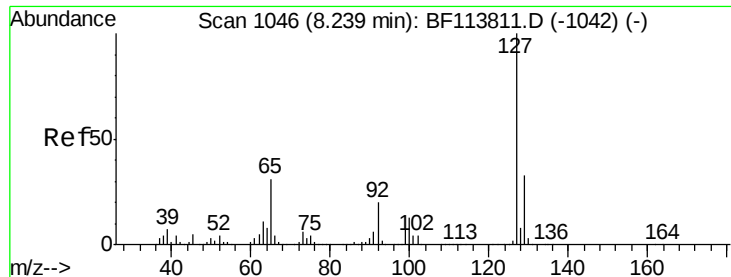
Abundance

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





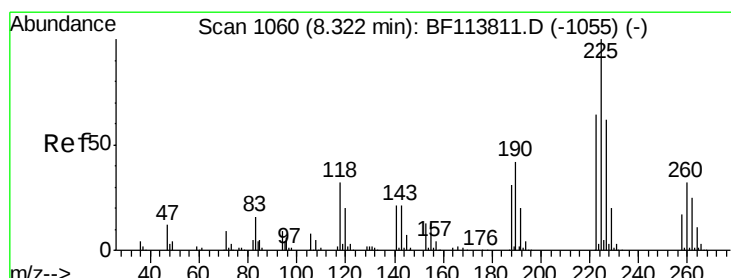
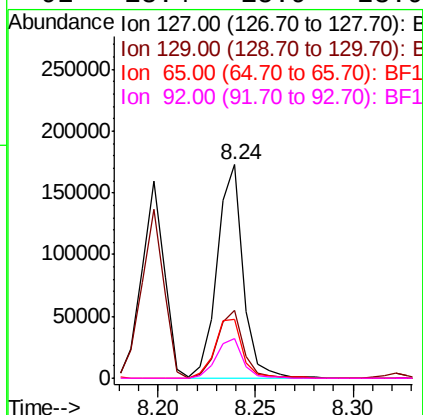
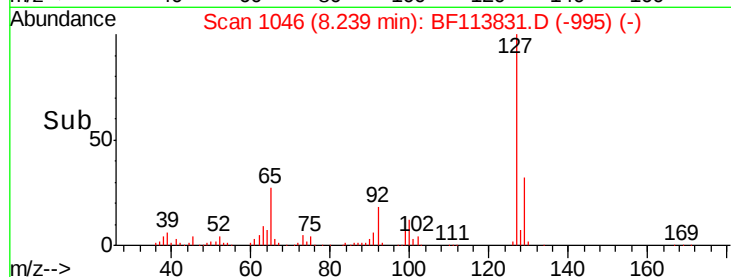
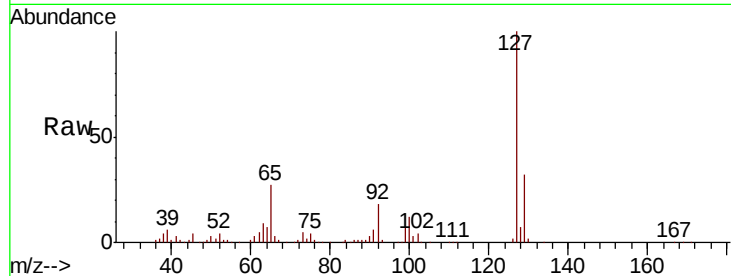
#33
4-Chloroaniline
Concen: 13.295 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampled :
TP-18-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	157918		
129	31.5	26.4	39.6	
65	27.4	24.9	37.3	
92	18.4	15.9	23.9	

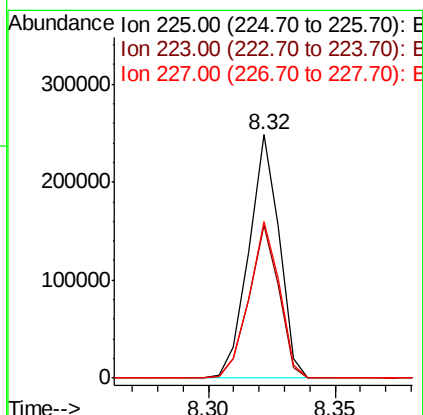
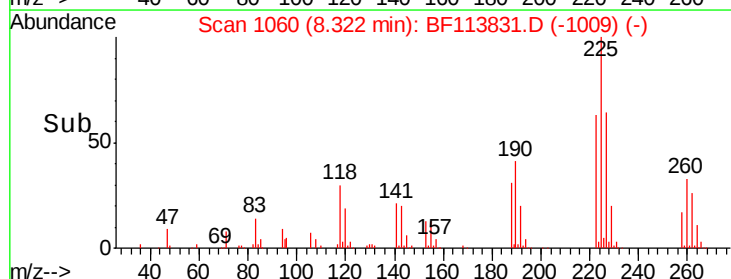
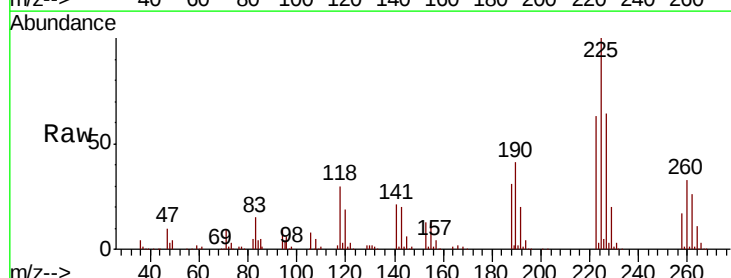
Manual Integrations
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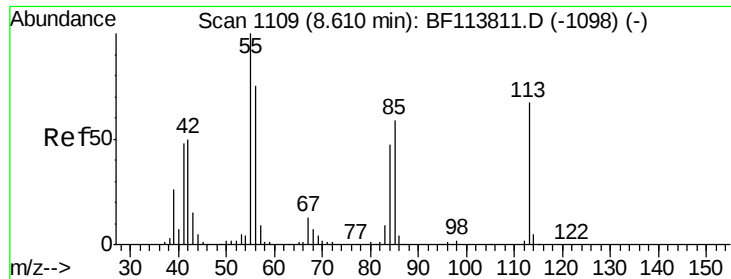
Sohil
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#34
Hexachlorobutadiene
Concen: 34.659 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	207669		
223	62.6	51.1	76.7	
227	64.2	49.9	74.9	





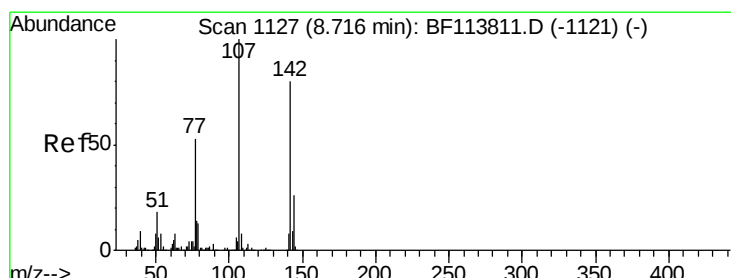
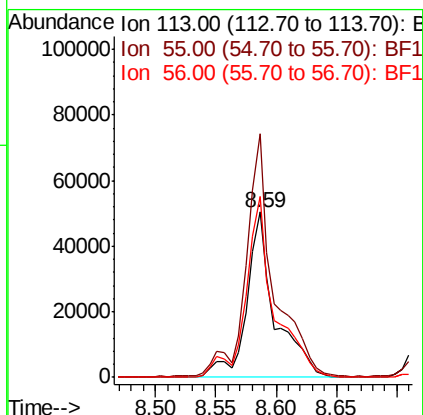
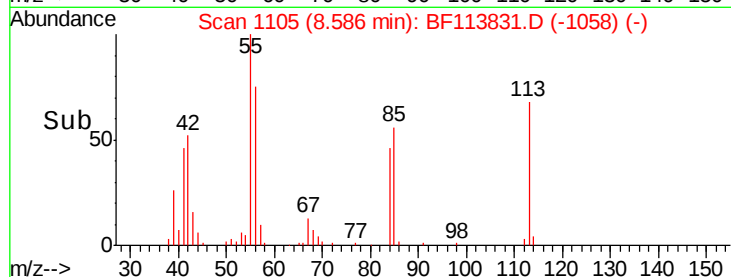
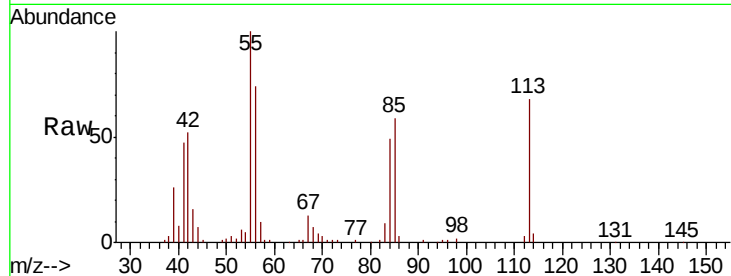
#35
 Caprolactam
 Concen: 28.848 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	147.2	128.6	168.6
56	109.4	91.9	131.9

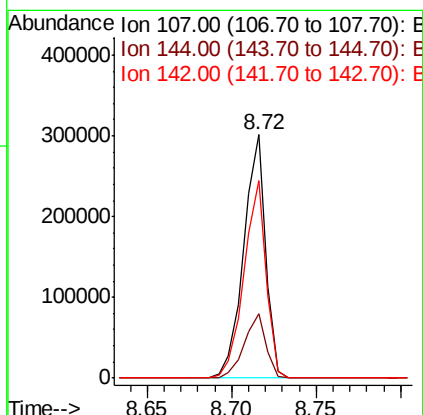
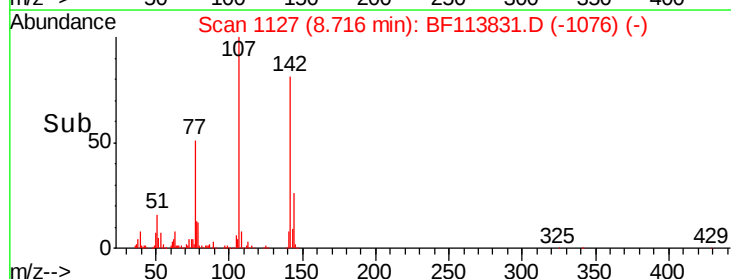
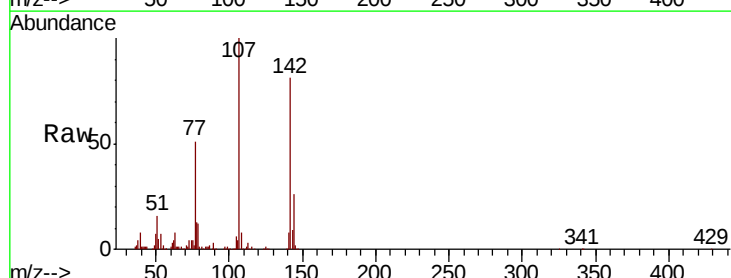
Manual Integrations
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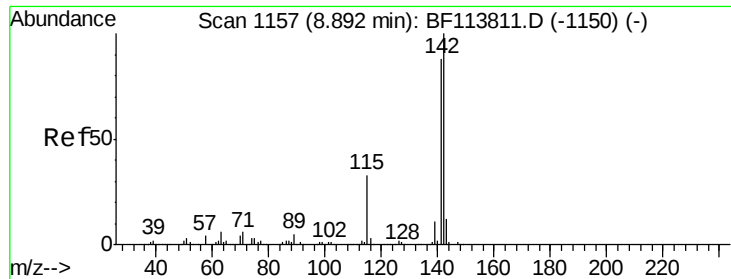
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 31.401 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	80.9	64.2	96.4





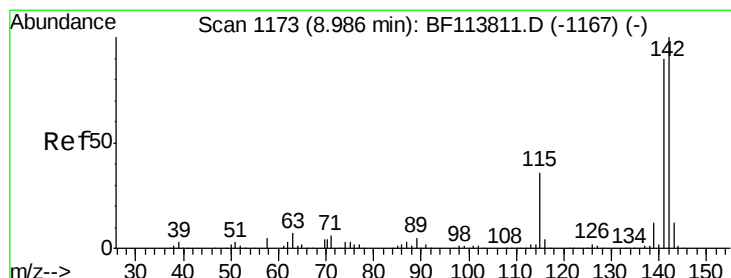
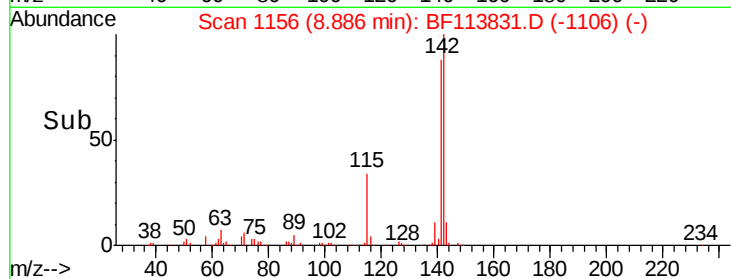
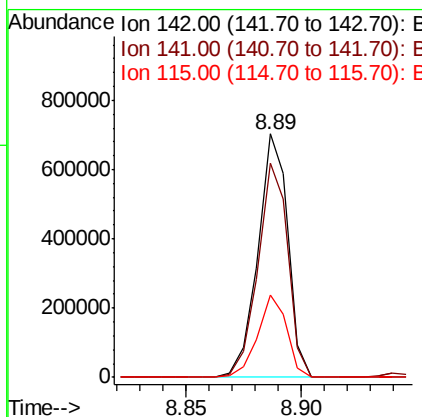
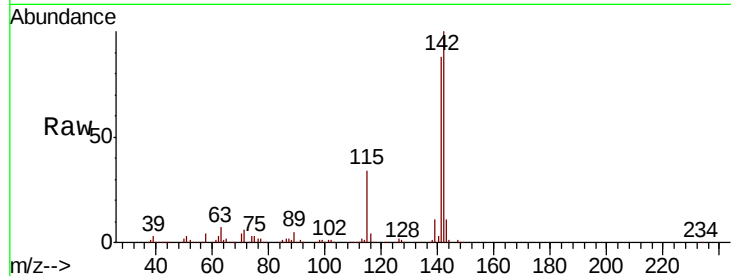
#37
2-Methylnaphthalene
Concen: 34.242 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	33.8	26.3	39.5

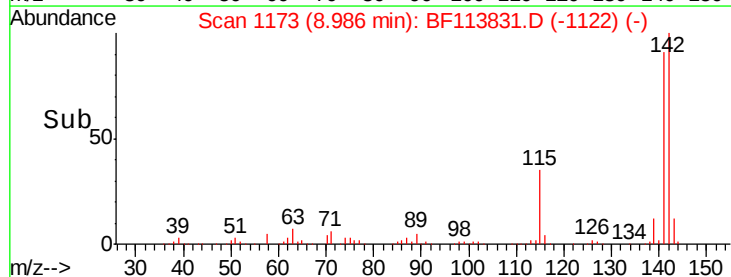
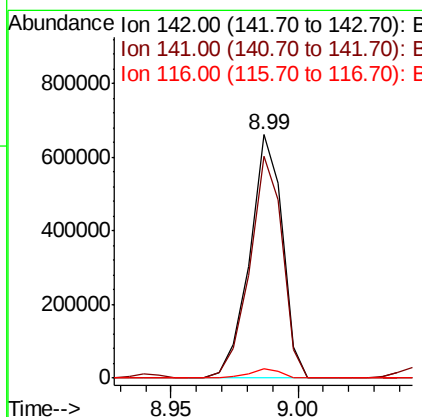
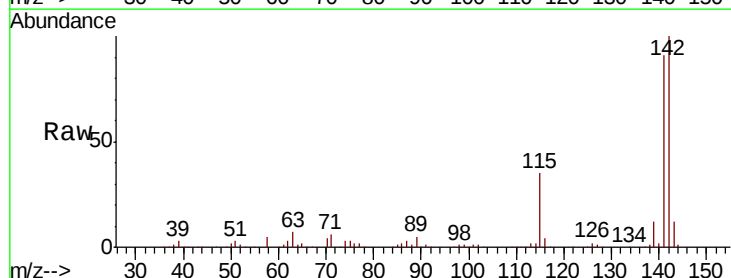
Manual Integrations
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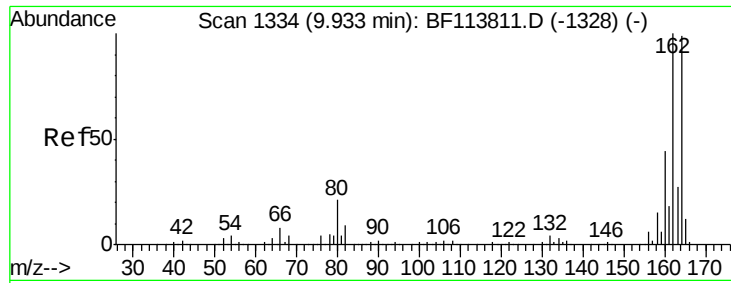
Sohil
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#38
1-Methylnaphthalene
Concen: 33.036 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.3	108.5
116	3.8	3.0	4.4





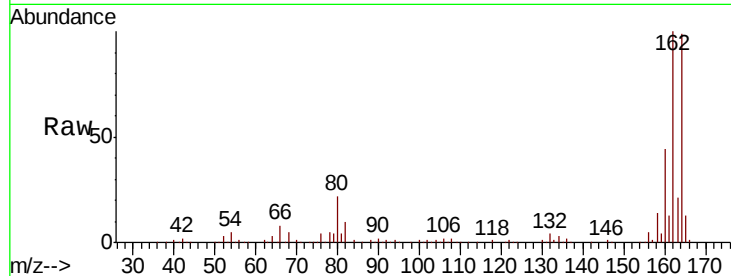
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	260902		
162	101.4	81.1	121.7	
160	44.8	35.8	53.6	

Manual Integrations
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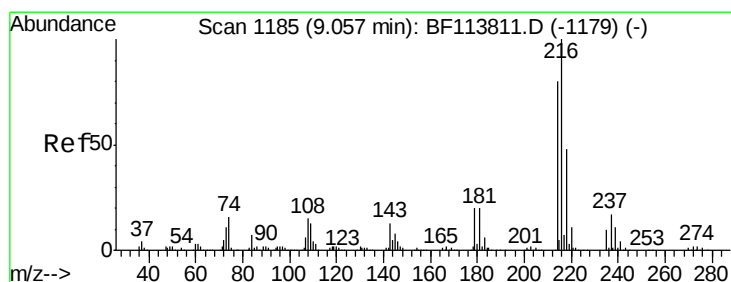
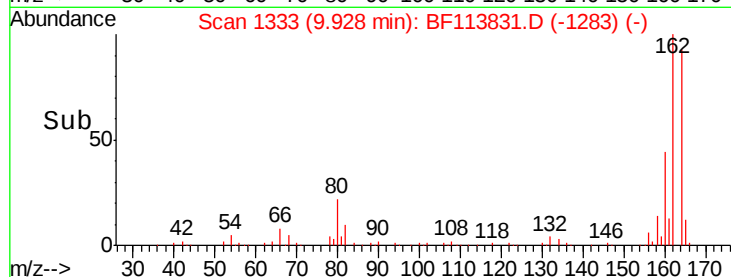
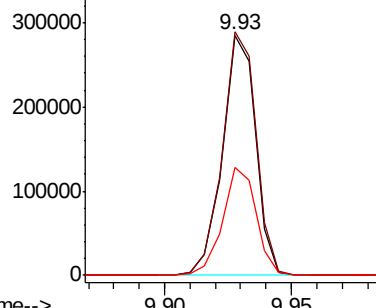


Abundance

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: 38.408 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	318007		
214	78.7	63.5	95.3	
179	20.0	16.1	24.1	
108	17.2	13.4	20.0	

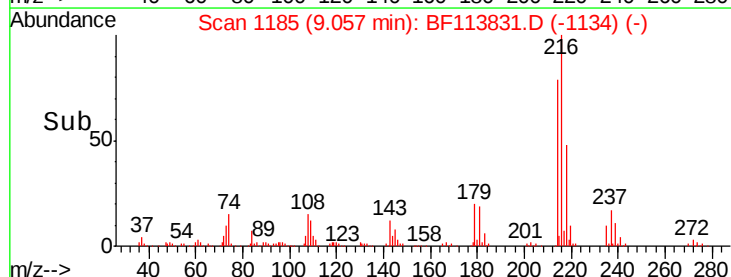
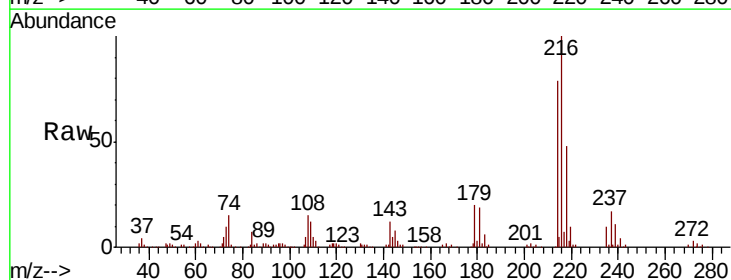
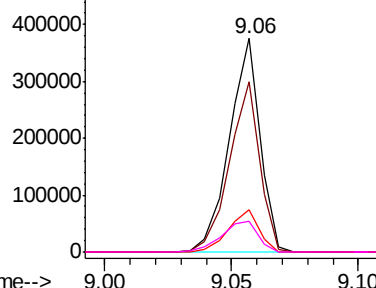
Abundance

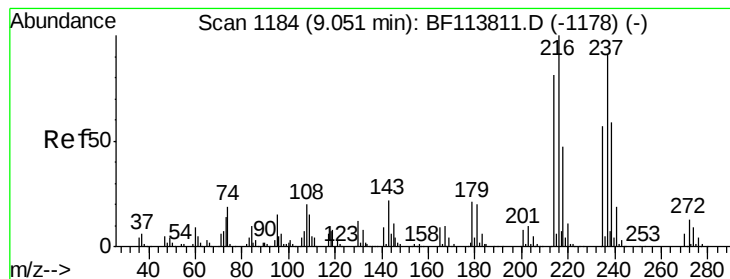
Ion 216.00 (215.70 to 216.70): E

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: 52.938 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

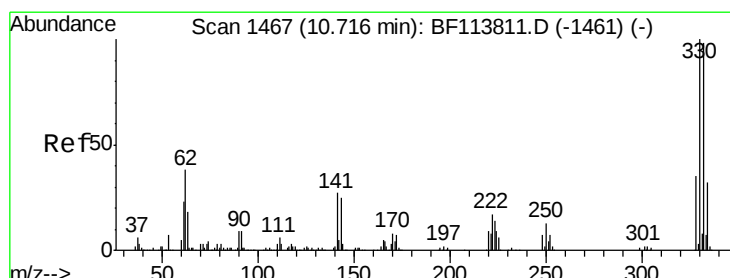
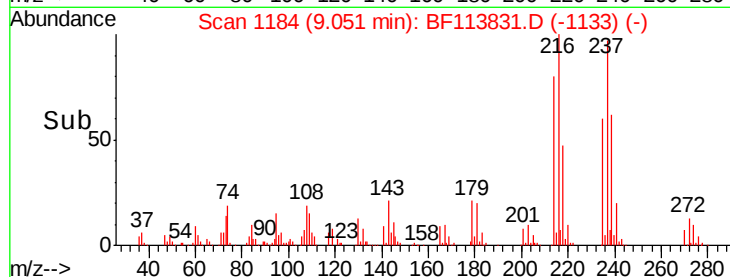
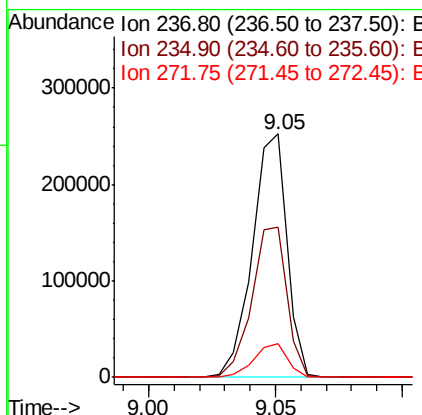
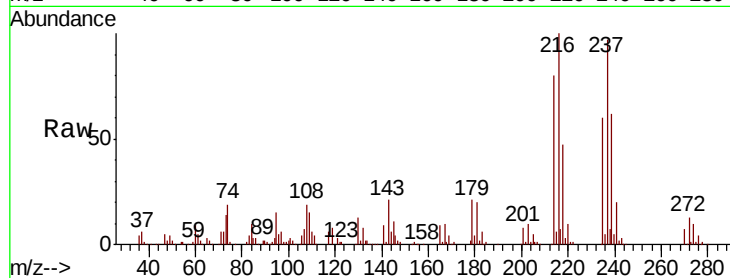
ClientSampleId :

TP-18-SMSD

Tot Ion:	237	Resp:	240947
Ion Ratio	Lower	Upper	
237	100		
235	61.8	42.6	82.6
272	13.9	0.0	33.8

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 119.403 ng

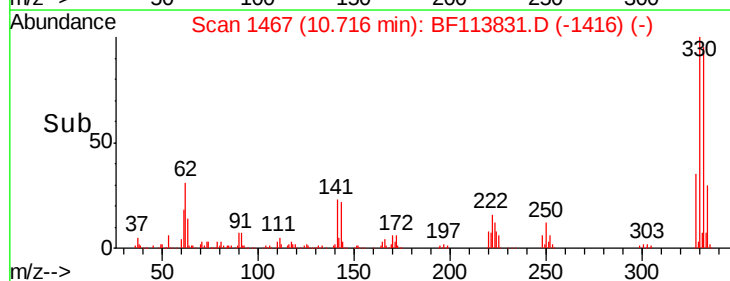
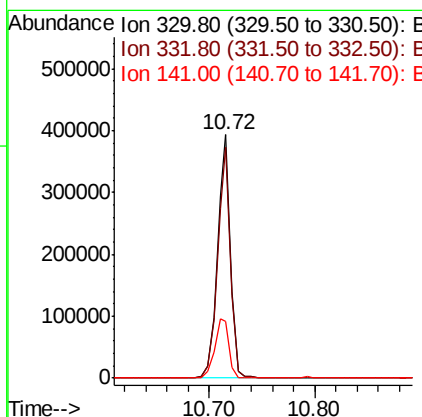
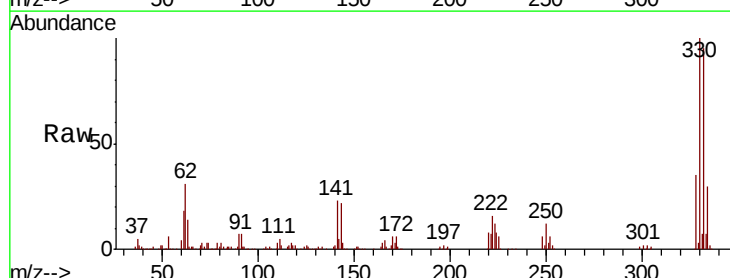
RT: 10.72 min Scan# 1467

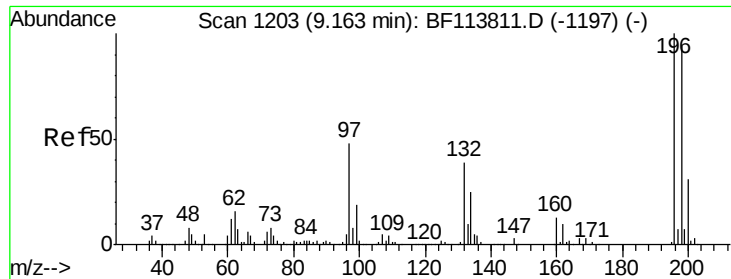
Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion:	330	Resp:	344178
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.5	116.3
141	27.0	22.2	33.2





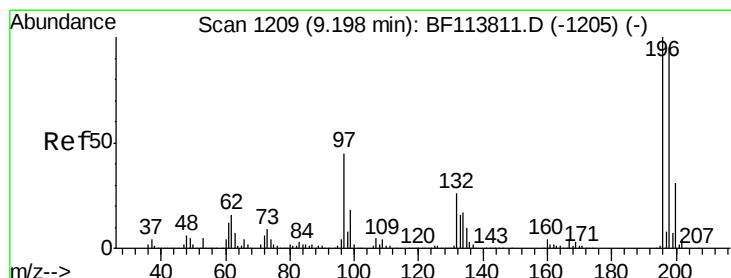
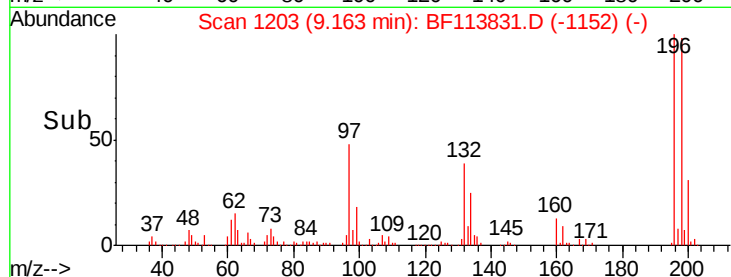
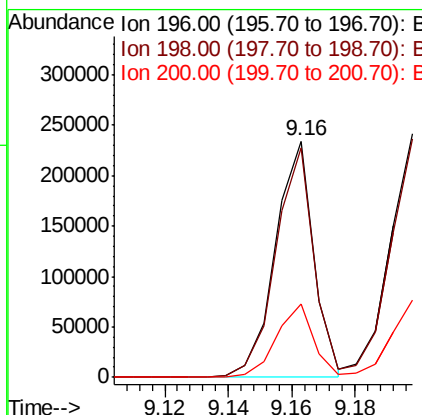
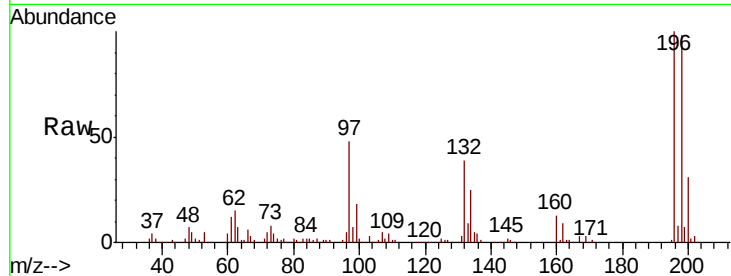
#43
 2,4,6-Trichlorophenol
 Concen: 37.190 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	198205		
198	97.5	75.6	113.4	
200	31.0	24.7	37.1	

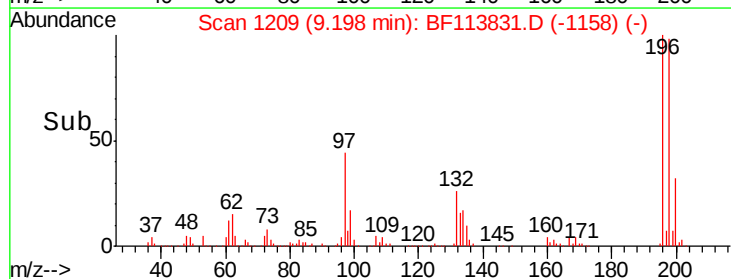
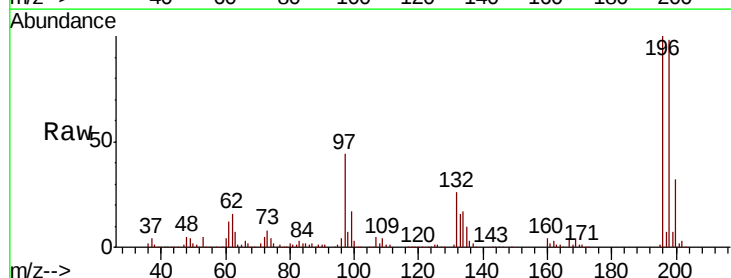
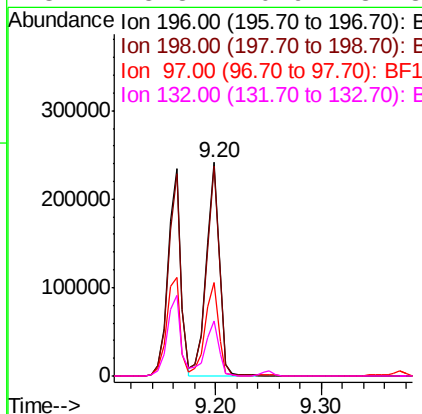
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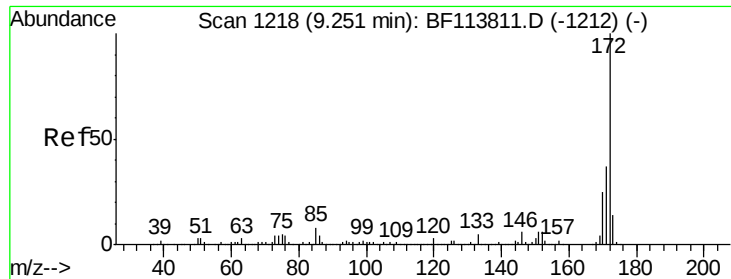
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#44
 2,4,5-Trichlorophenol
 Concen: 36.307 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208820		
198	98.1	76.2	114.4	
97	43.6	35.8	53.8	
132	25.8	20.9	31.3	





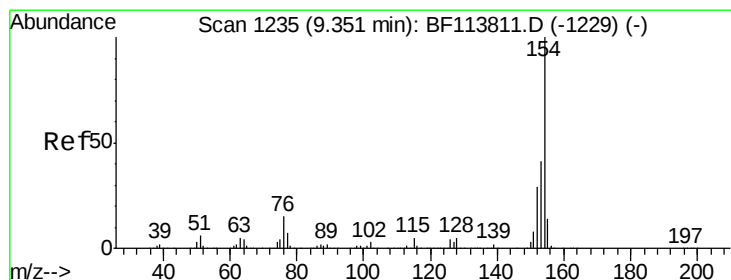
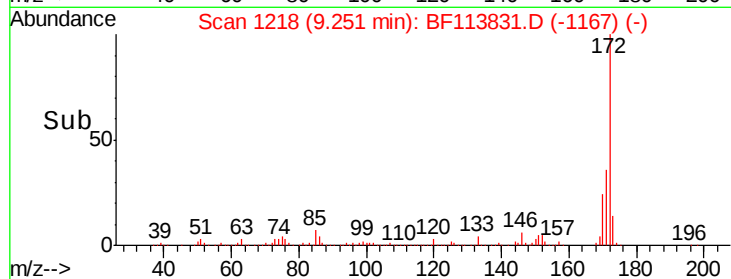
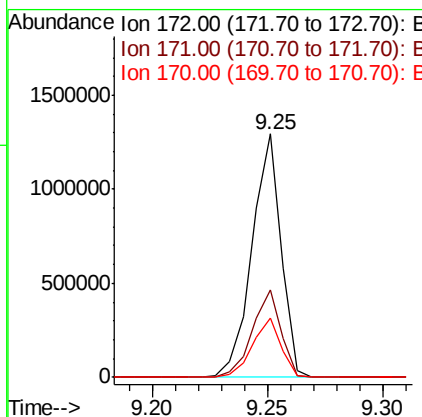
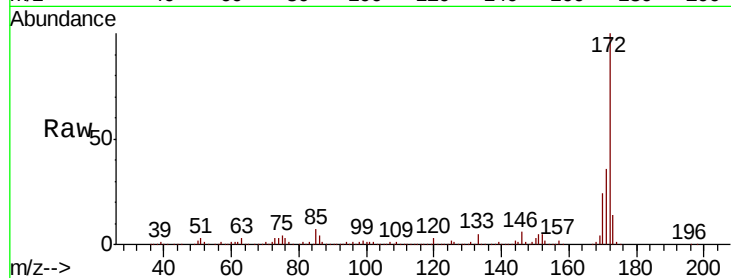
#45
2-Fluorobiphenyl
Concen: 66.697 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.2	19.9	29.9

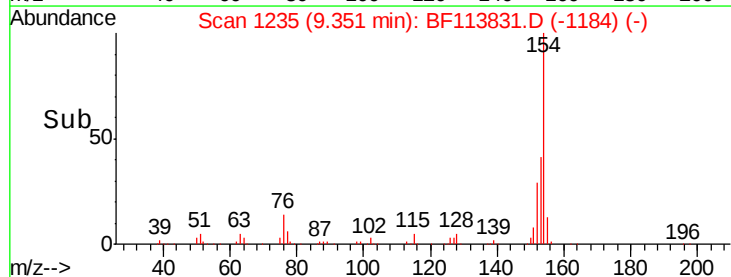
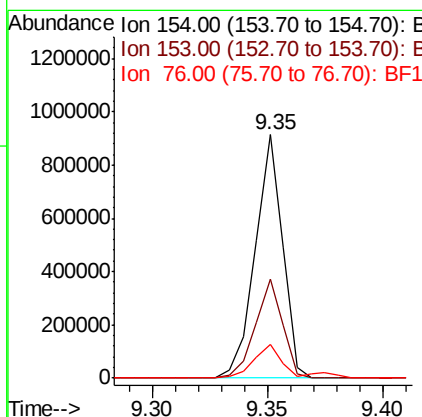
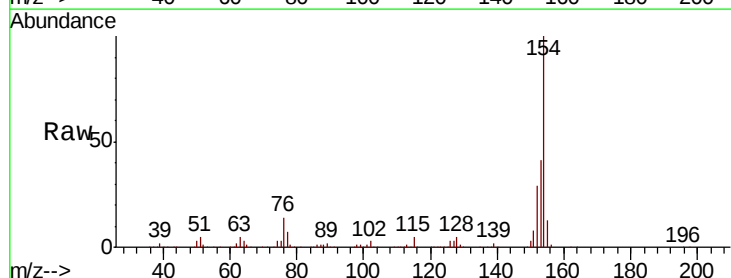
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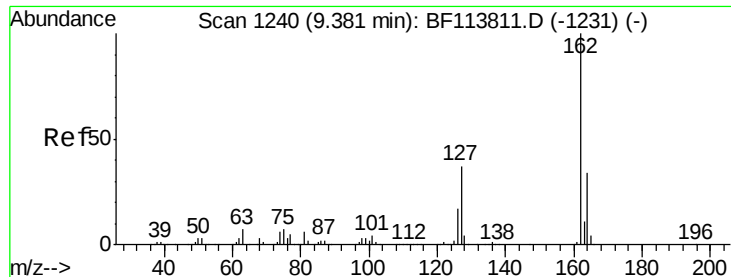
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#46
1,1'-Biphenyl
Concen: 38.531 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	13.7	0.0	35.2





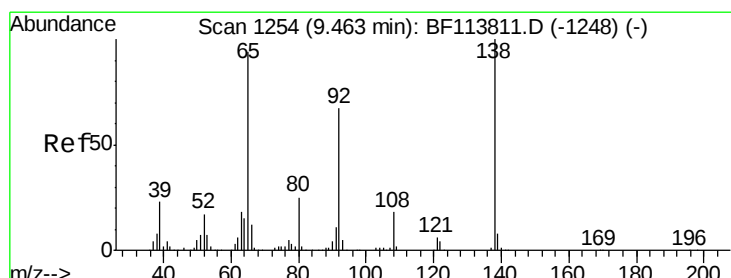
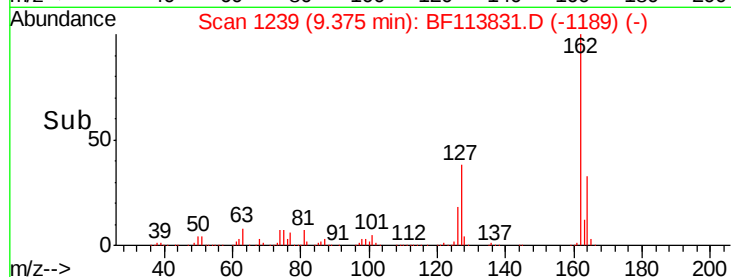
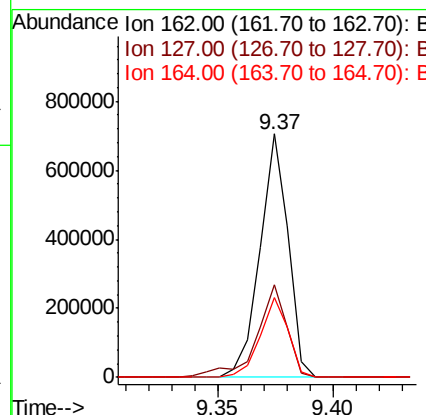
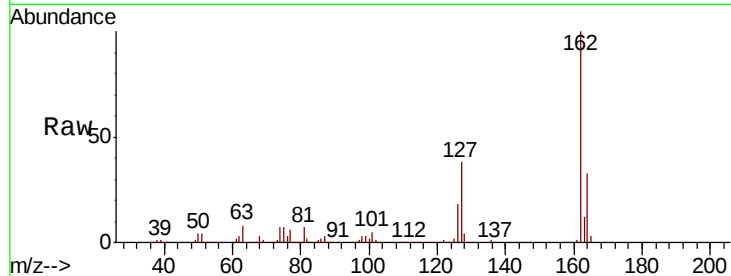
#47
2-Chloronaphthalene
Concen: 37.107 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		599723		
127	37.9	29.3	43.9		
164	32.9	27.1	40.7		

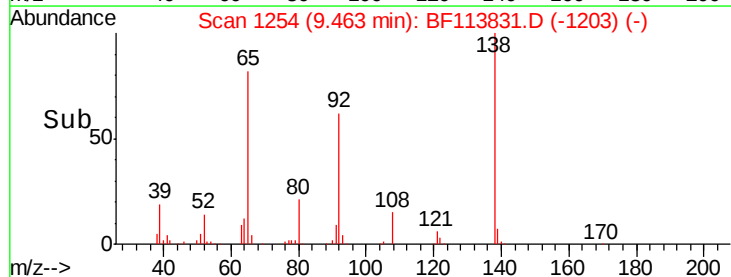
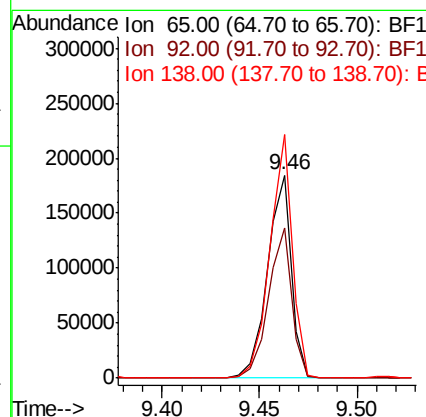
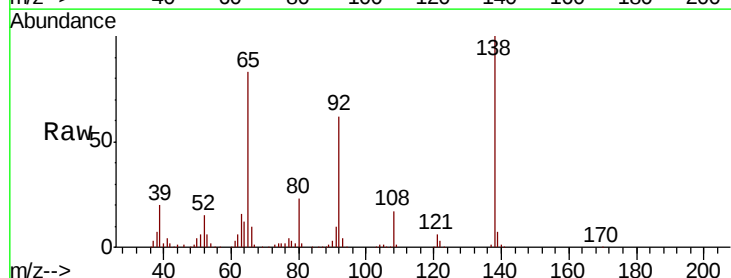
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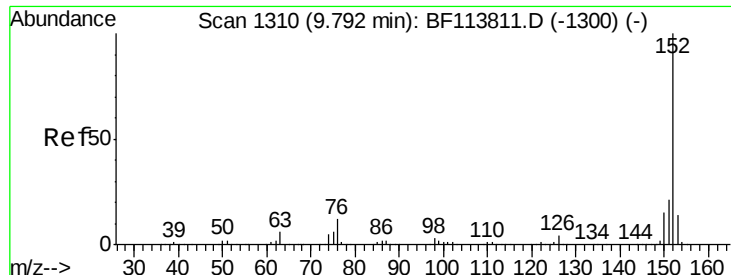
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#48
2-Nitroaniline
Concen: 37.050 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		155813		
92	74.2	57.4	86.0		
138	119.9	85.4	128.0		





#49

Acenaphthylene

Concen: 35.303 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

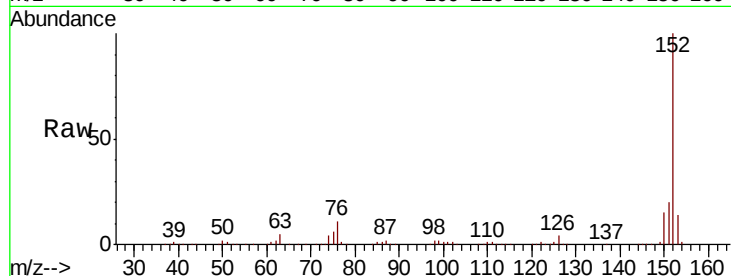
ClientSampleId :

TP-18-SMSD

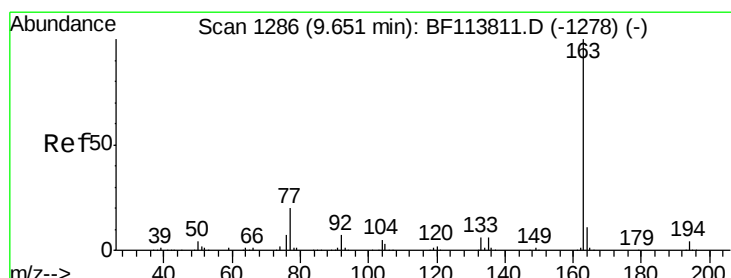
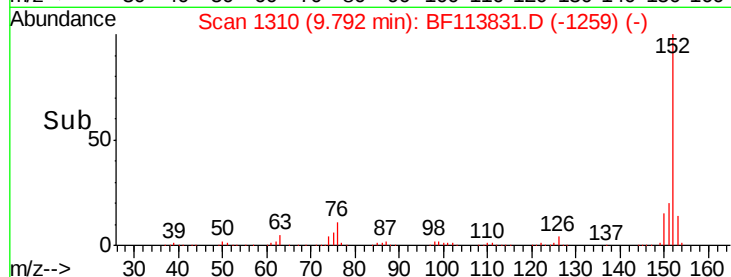
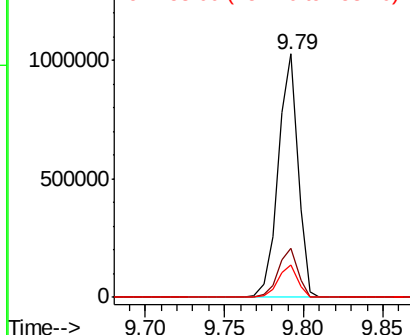
Tot Ion:	152	Resp:	892380
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.0	25.4
153	13.5	11.0	16.6

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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: 45.825 ng

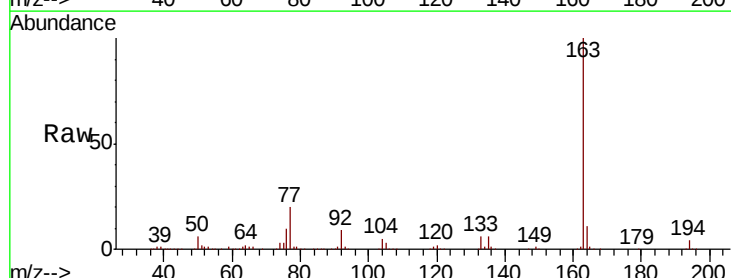
RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

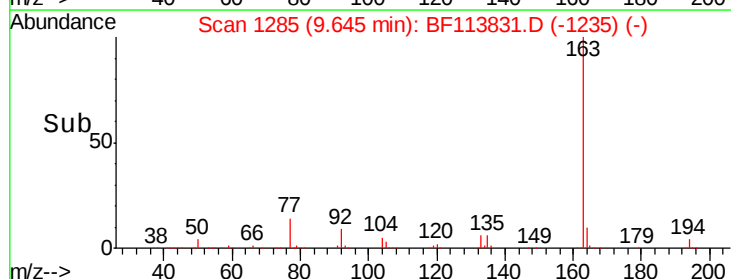
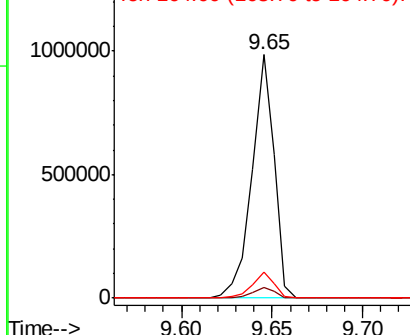
Lab File: BF113831.D

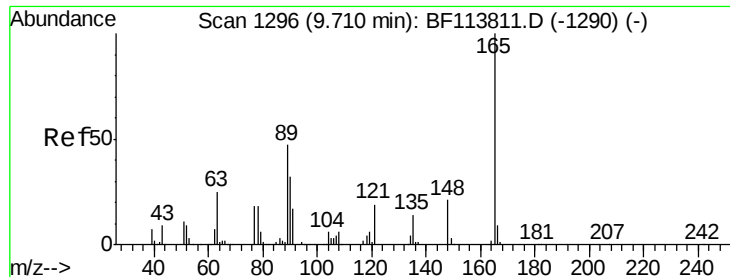
Acq: 18 Apr 2019 21:59

Tgt Ion:	163	Resp:	836690
Ion Ratio	Lower	Upper	
163	100		
194	4.2	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: 35.337 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

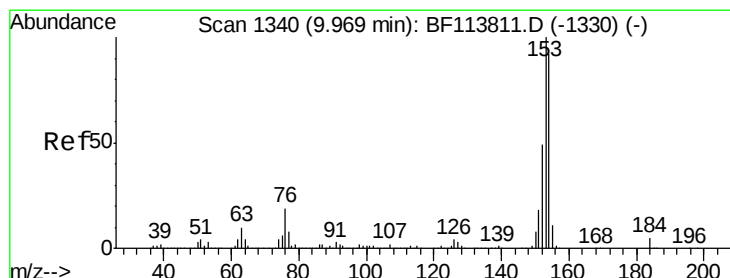
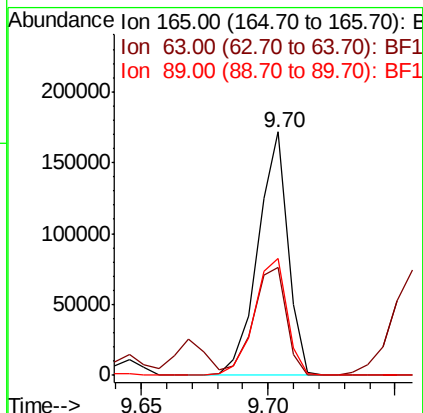
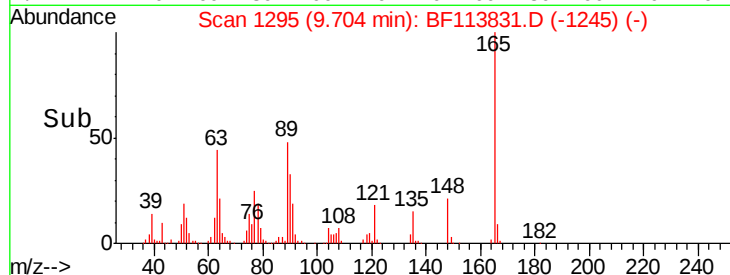
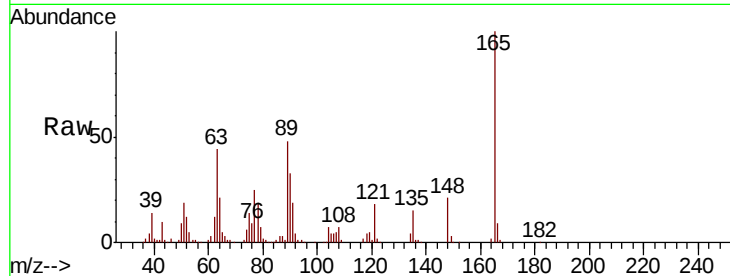
ClientSampleId :

TP-18-SMSD

Tot Ion:	165	Resp:	142391
Ion Ratio	Lower	Upper	
165	100		
63	44.4	33.8	50.8
89	48.0	38.2	57.2

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#52

Acenaphthene

Concen: 36.023 ng

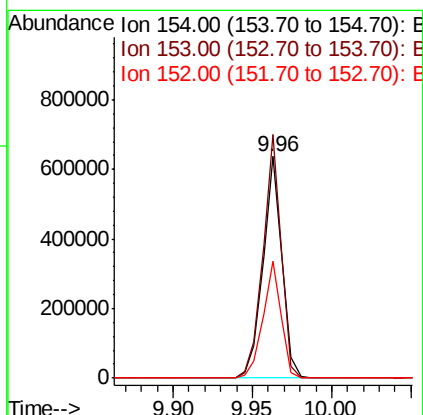
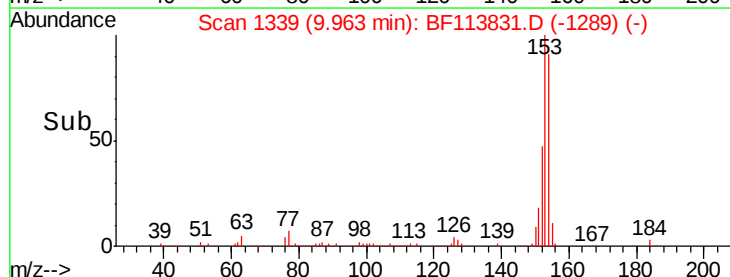
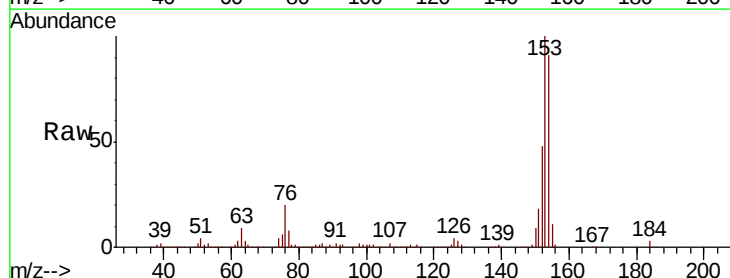
RT: 9.96 min Scan# 1339

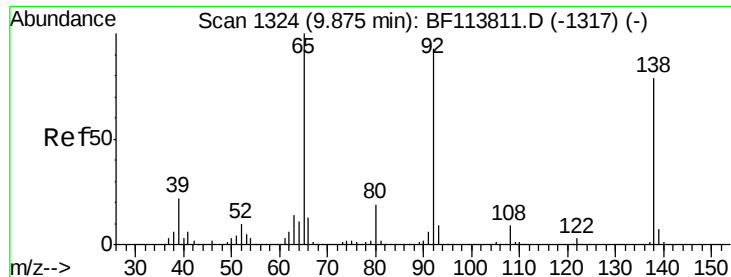
Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion:	154	Resp:	534122
Ion Ratio	Lower	Upper	
154	100		
153	110.1	87.2	130.8
152	52.7	42.3	63.5





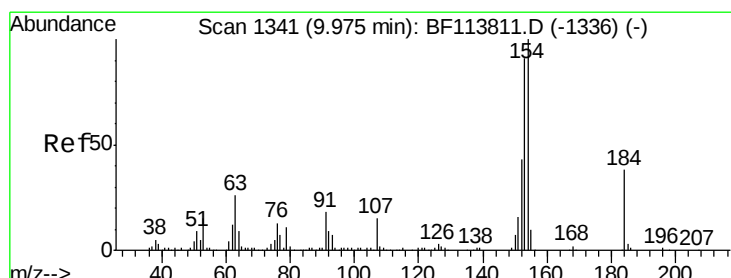
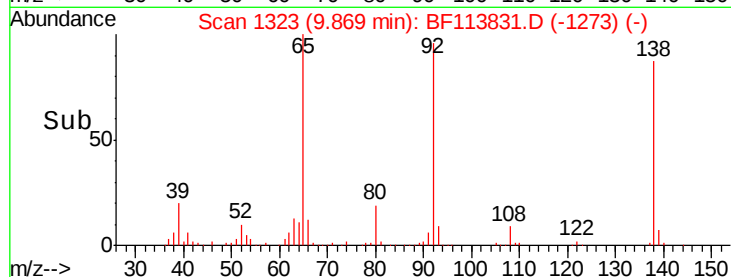
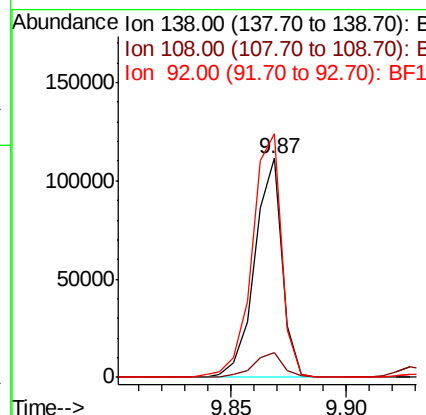
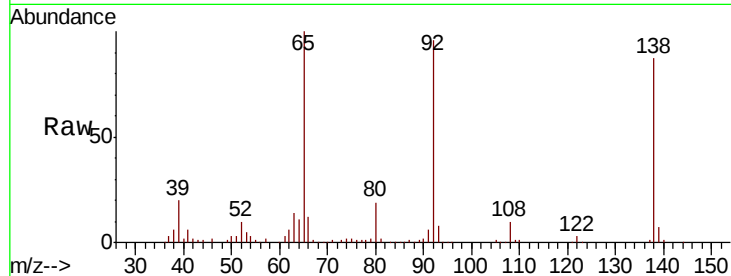
#53
3-Nitroaniline
Concen: 21.791 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.4	14.2
92	111.3	94.1	141.1

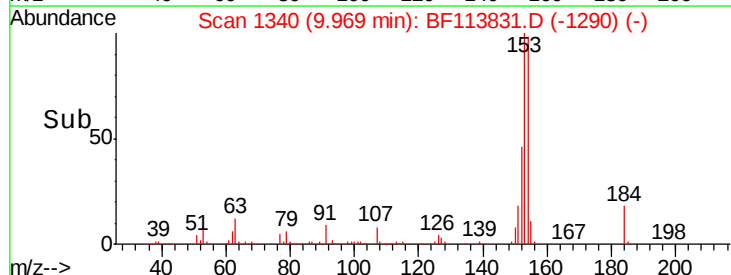
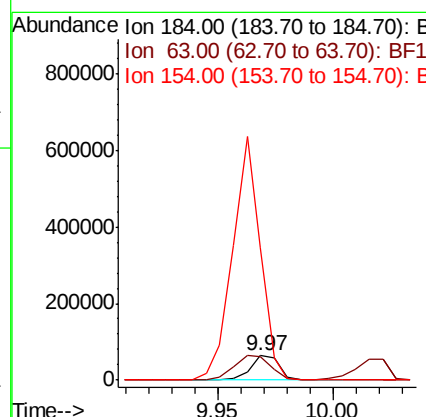
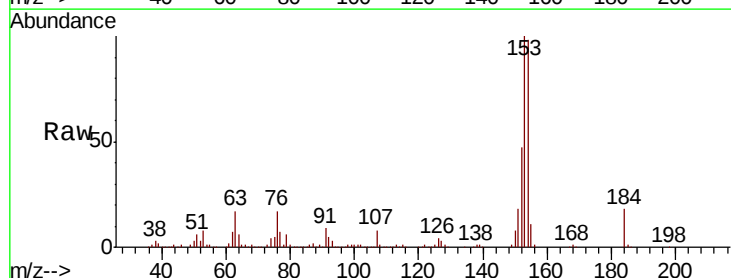
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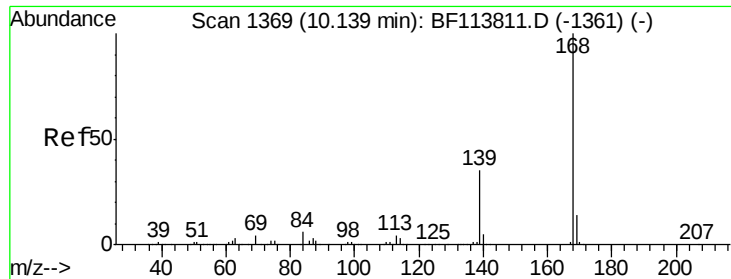
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#54
2,4-Dinitrophenol
Concen: 42.144 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	93.0	54.6	81.8#
154	537.9	218.6	328.0#





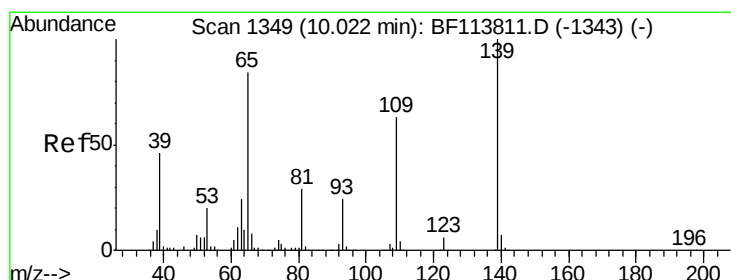
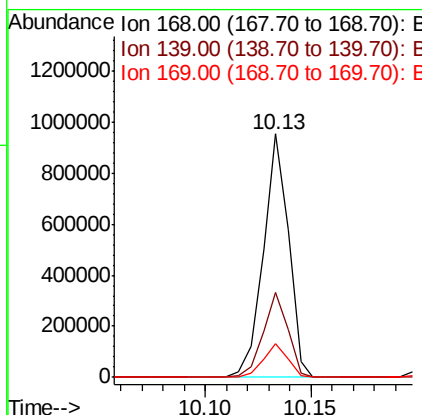
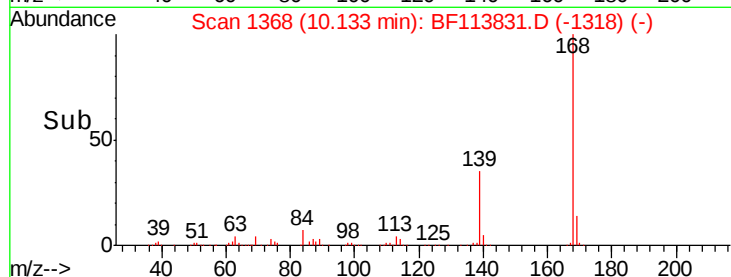
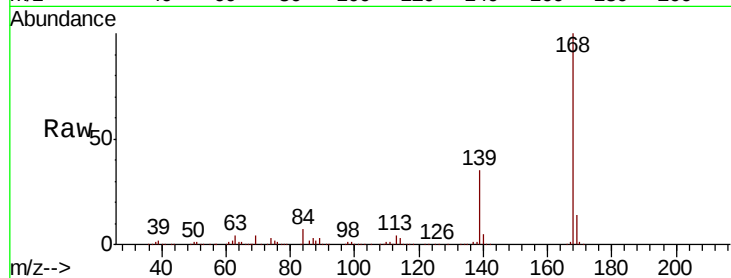
#55
Dibenzofuran
Concen: 35.660 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	27.8	41.6
169	13.7	11.0	16.6

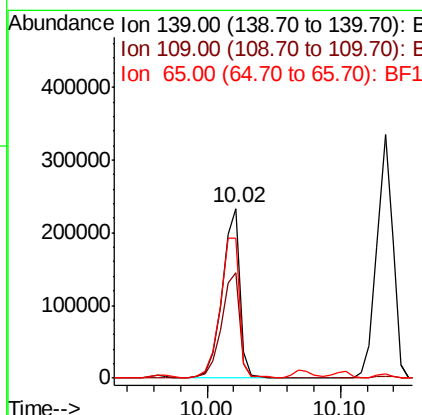
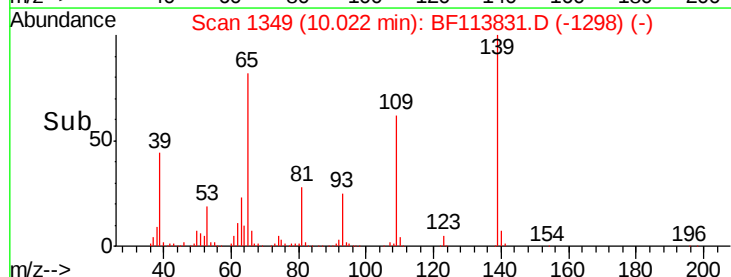
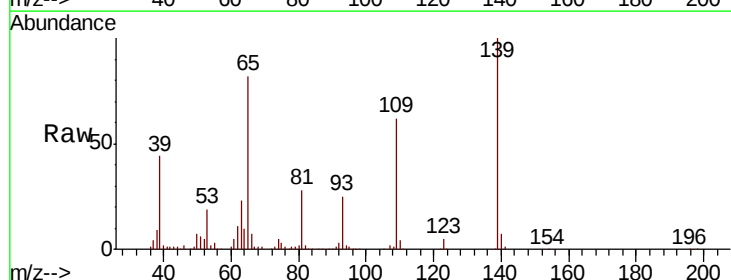
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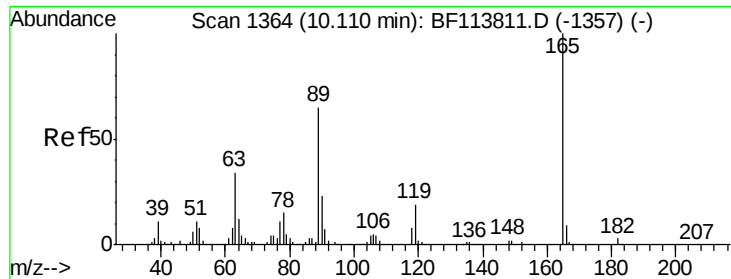
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#56
4-Nitrophenol
Concen: 63.090 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.2	42.9	82.9
65	82.5	64.4	104.4





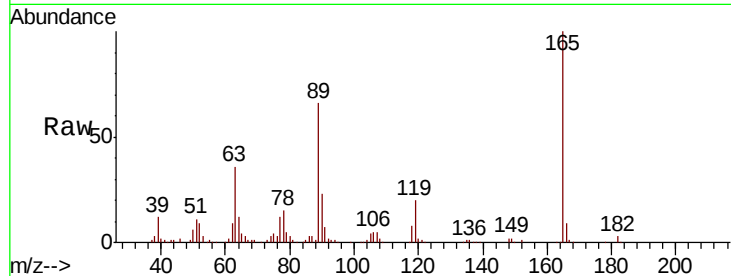
#57
 2,4-Dinitrotoluene
 Concen: 34.733 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMSD

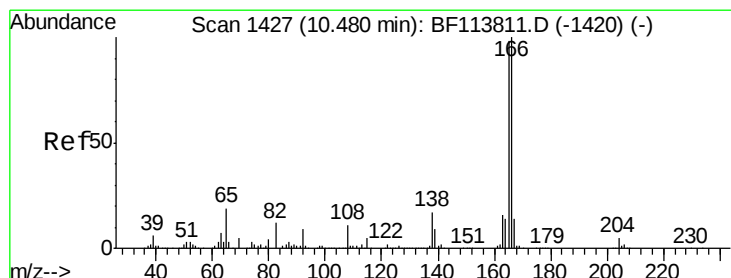
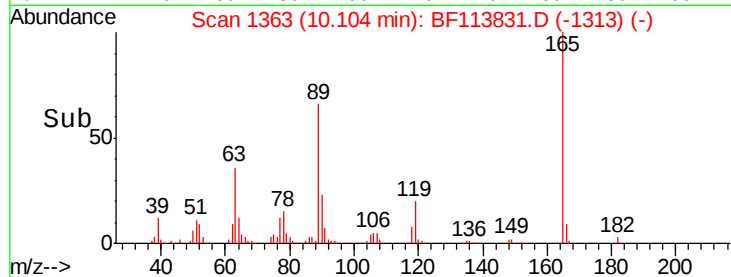
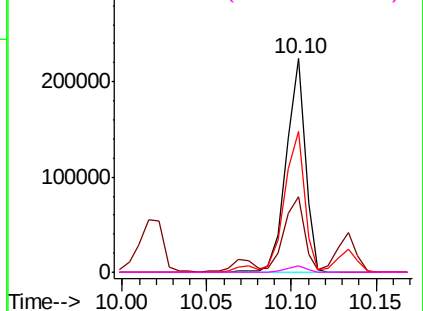
Tot Ion:	165	Resp:	173639
Ion Ratio	Lower	Upper	
165	100		
63	35.7	27.4	41.0
89	65.7	51.8	77.6
182	2.8	2.2	3.2

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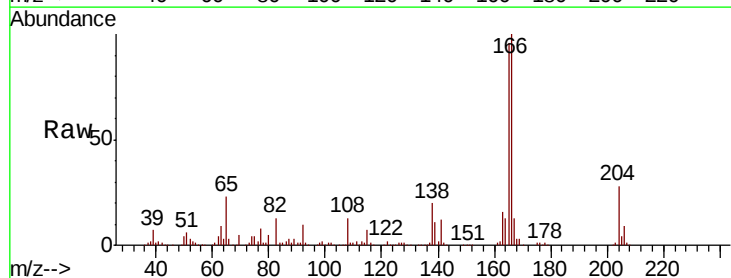


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

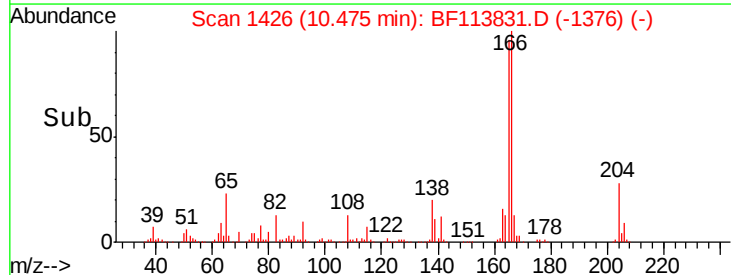
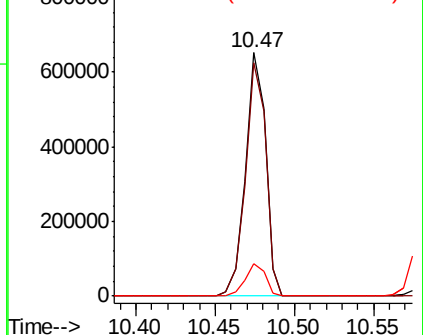


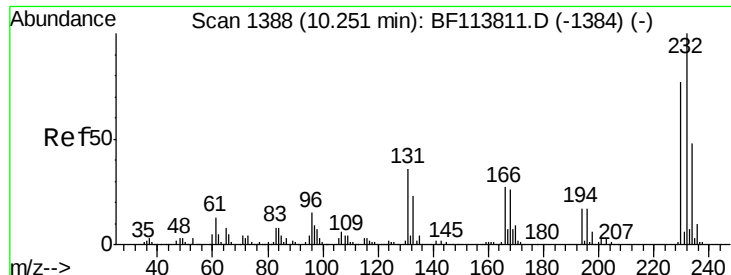
#58
 Fluorene
 Concen: 34.626 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion:	166	Resp:	573705
Ion Ratio	Lower	Upper	
166	100		
165	96.1	78.4	117.6
167	13.4	10.9	16.3



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





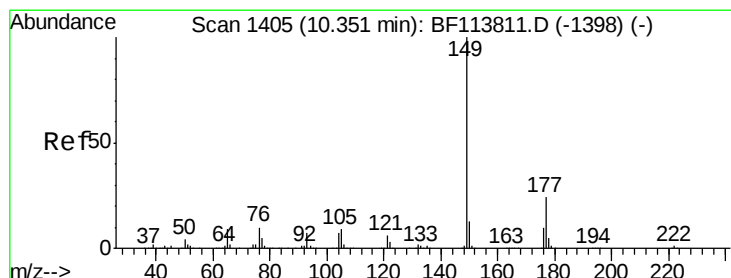
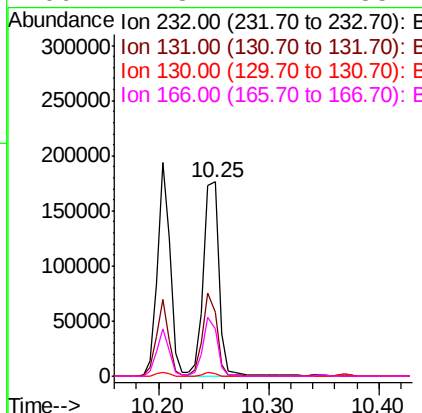
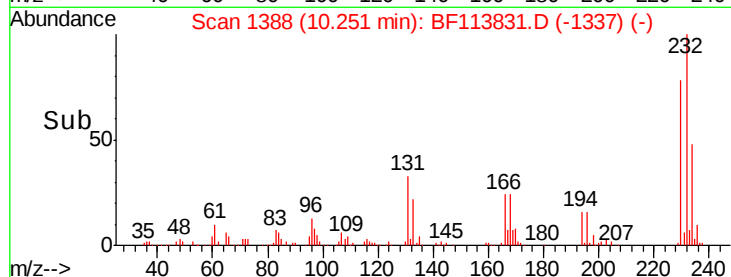
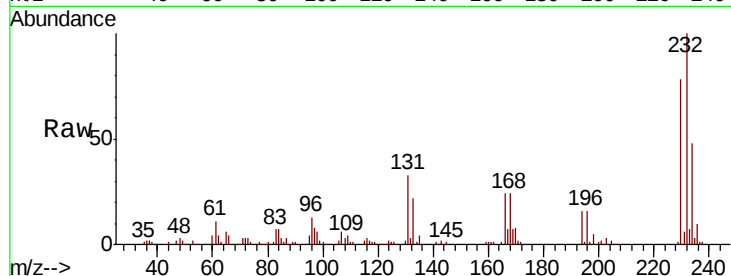
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.017 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		166951		
131	39.6	30.2	45.2		
130	1.9	1.5	2.3		
166	27.8	22.2	33.4		

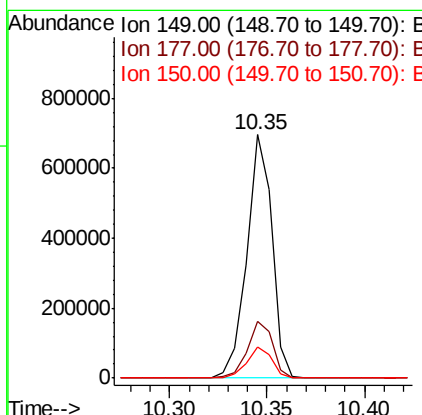
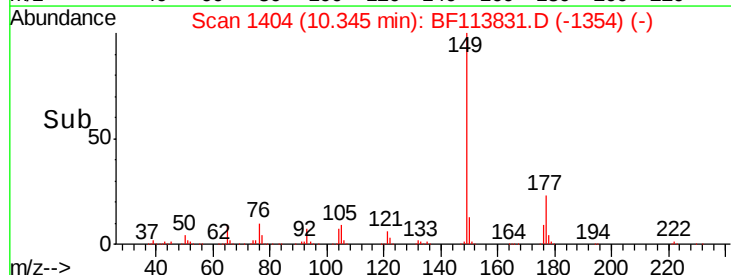
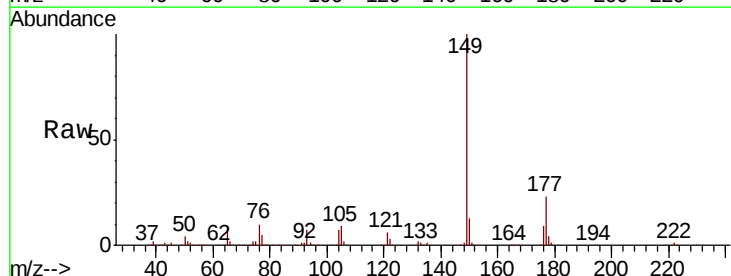
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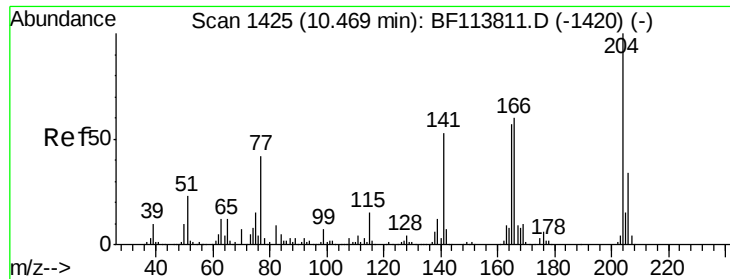
Sohil
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#60
Diethylphthalate
Concen: 35.461 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		620535		
177	23.3	19.2	28.8		
150	12.9	10.3	15.5		





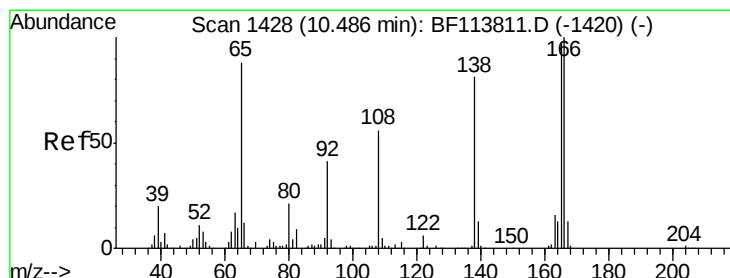
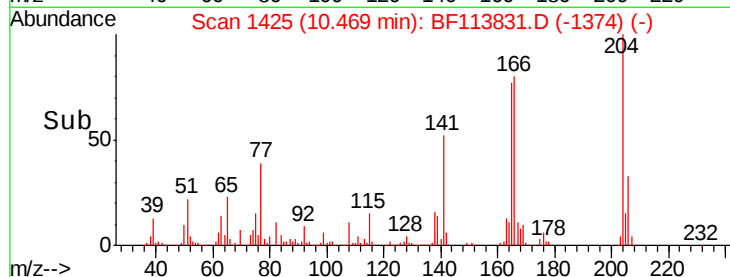
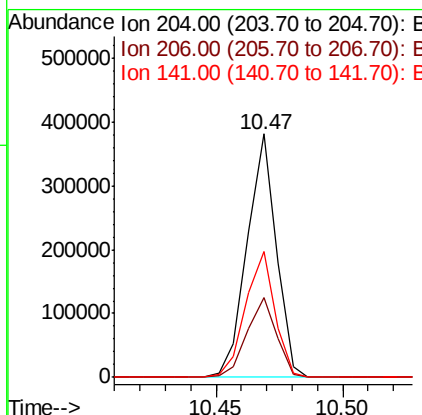
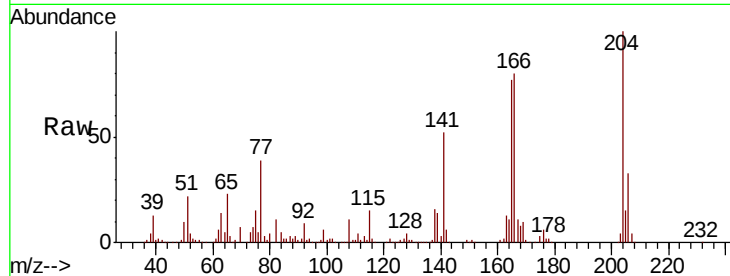
#61
 4-Chlorophenyl-phenylether
 Concen: 35.978 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampled :
 TP-18-SMSD

Tot Ion:	204	Resp:	305259
Ion Ratio	Lower	Upper	
204	100		
206	33.0	27.4	41.2
141	51.5	42.6	63.8

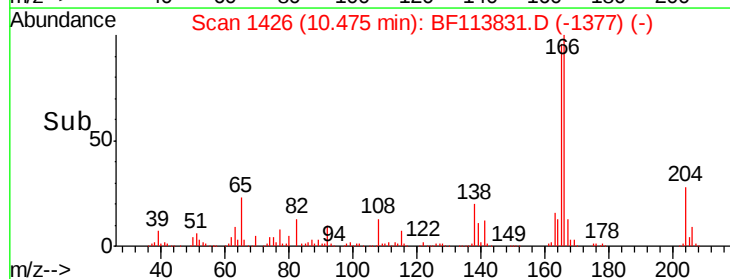
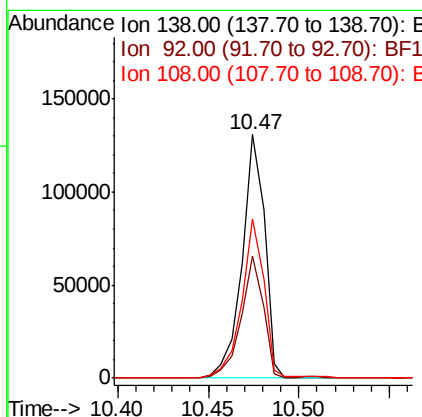
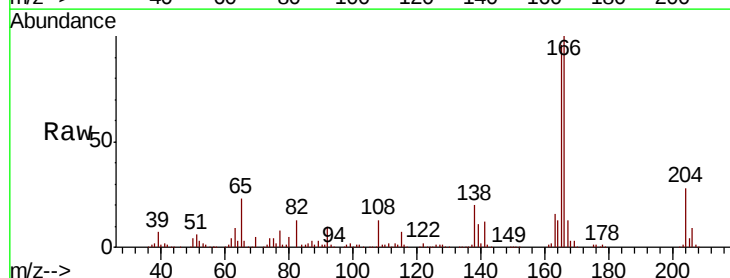
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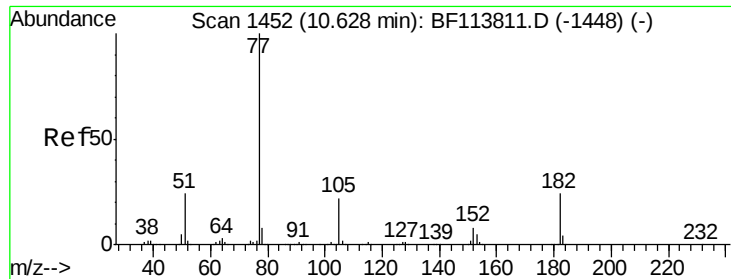
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#62
 4-Nitroaniline
 Concen: 27.679 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion:	138	Resp:	113604
Ion Ratio	Lower	Upper	
138	100		
92	50.0	31.3	71.3
108	65.3	48.9	88.9





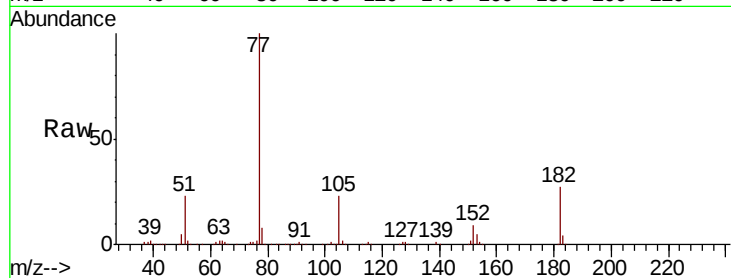
#63
Azobenzene
Concen: 32.446 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

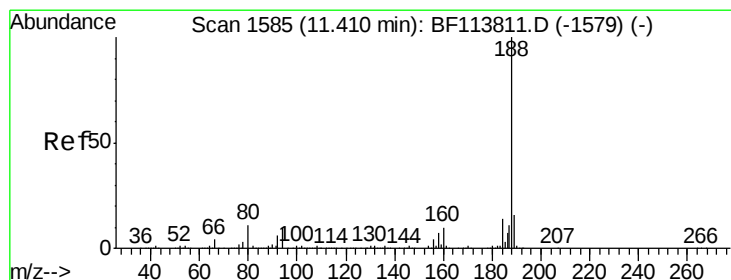
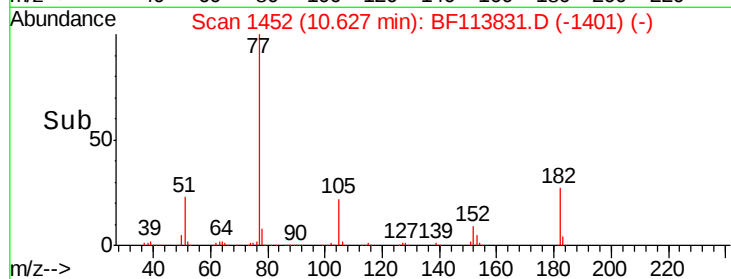
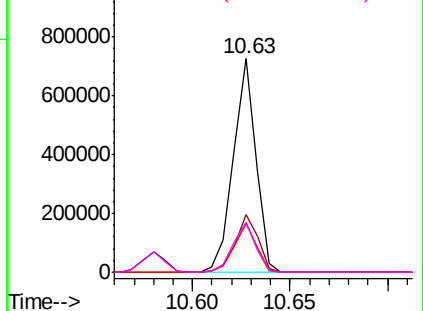
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		583440		
182	26.7	4.4	44.4		
105	22.5	2.2	42.2		
51	23.2	3.9	43.9		

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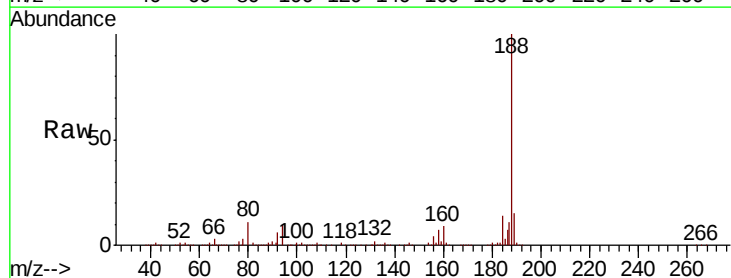


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

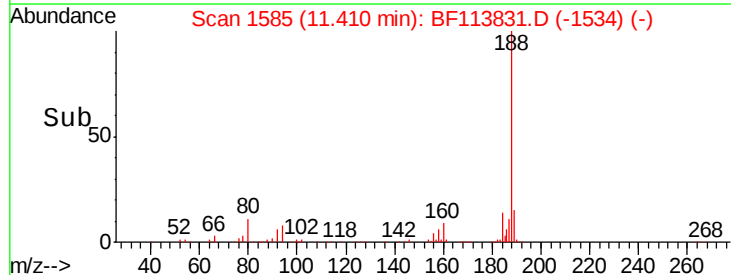
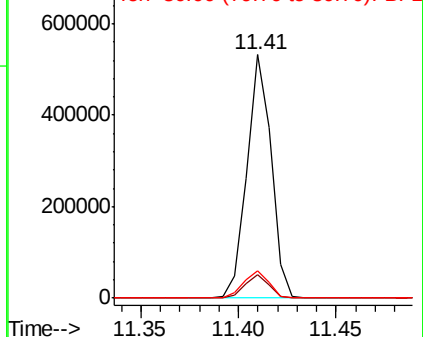


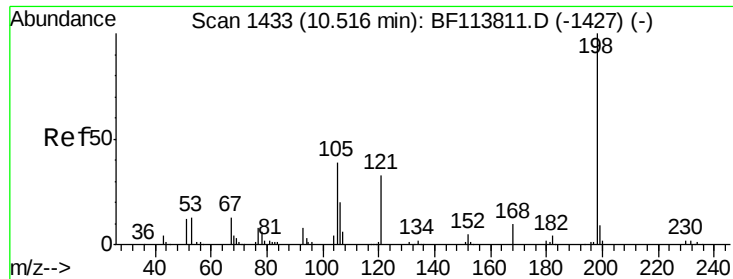
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		457555		
94	9.7	8.2	12.4		
80	11.3	9.0	13.6		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





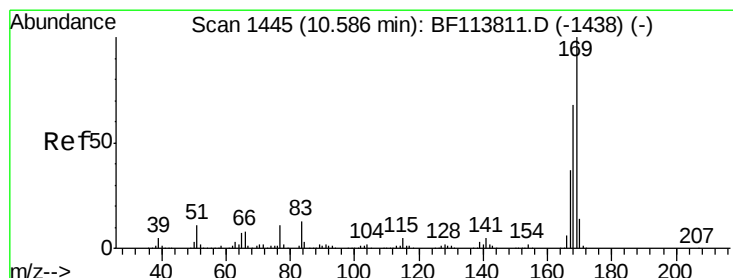
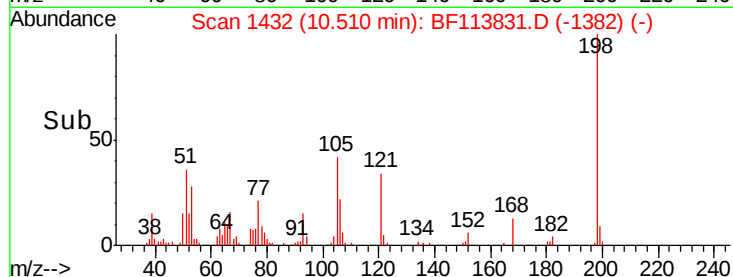
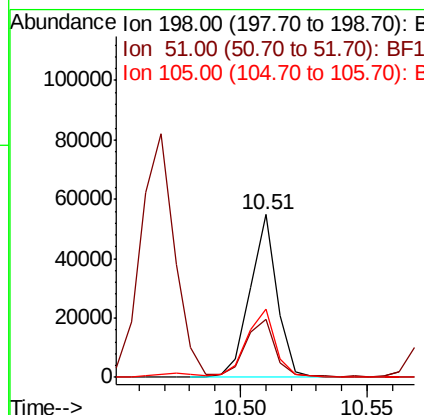
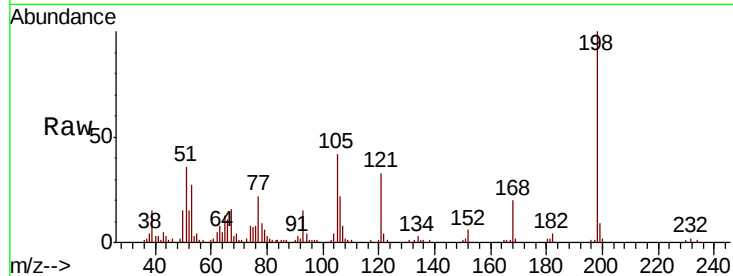
#65
4,6-Dinitro-2-methylphenol
Concen: 25.483 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampled :
TP-18-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	41009		
51	35.9	11.1	51.1	
105	42.2	20.7	60.7	

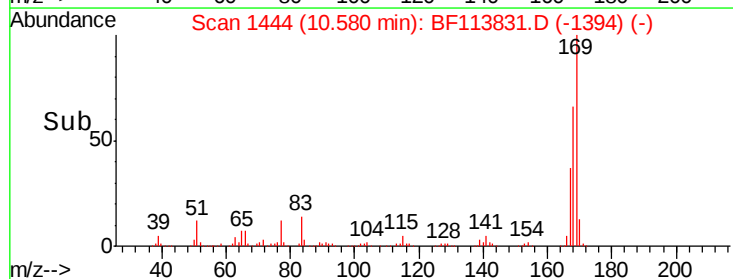
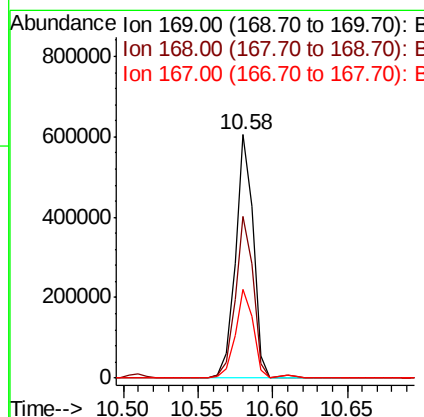
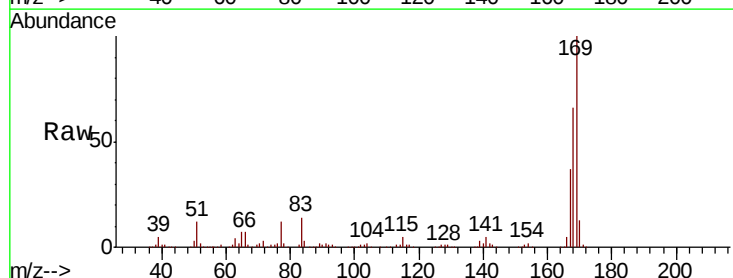
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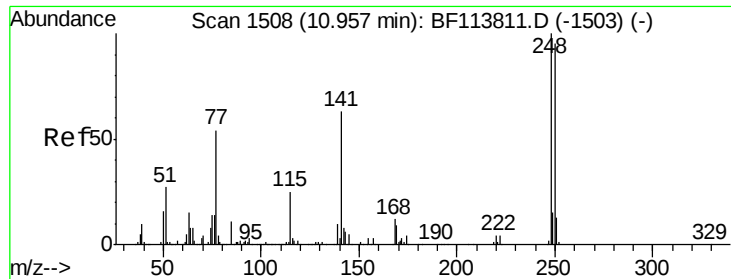
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#66
n-Nitrosodiphenylamine
Concen: 36.910 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	511933		
168	66.2	54.3	81.5	
167	36.6	29.4	44.0	





#67

4-Bromophenyl-phenylether

Concen: 35.901 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

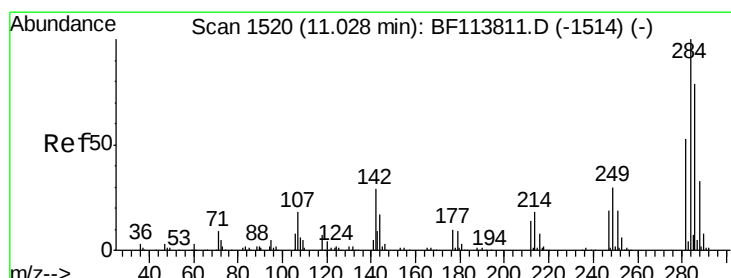
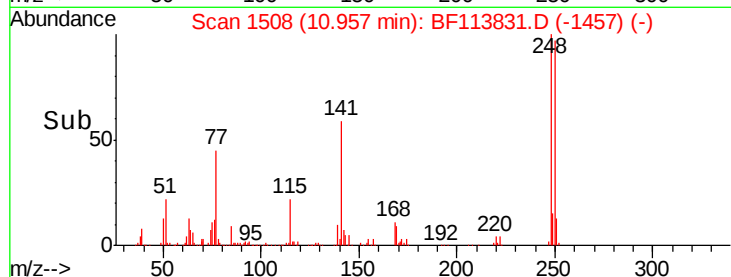
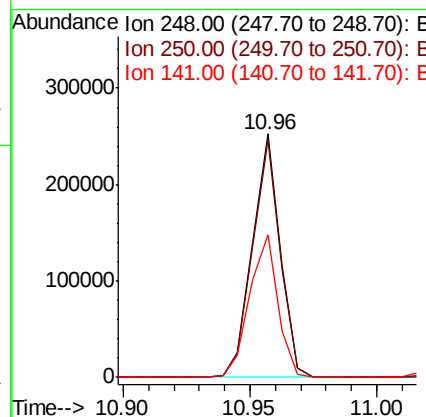
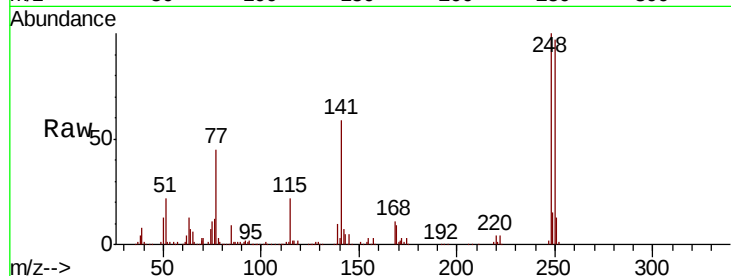
ClientSampleId :

TP-18-SMSD

Tot Ion:	248	Resp:	192903
Ion Ratio	Lower	Upper	
248	100		
250	97.4	75.8	113.6
141	58.7	50.2	75.4

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#68

Hexachlorobenzene

Concen: 34.694 ng

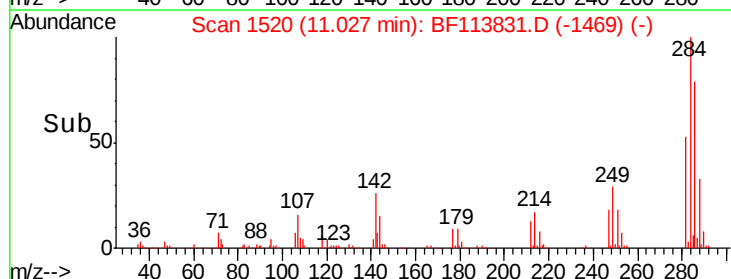
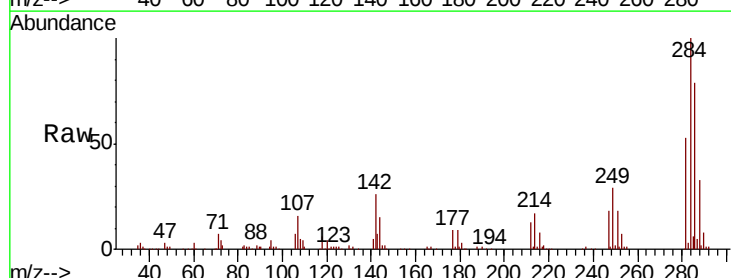
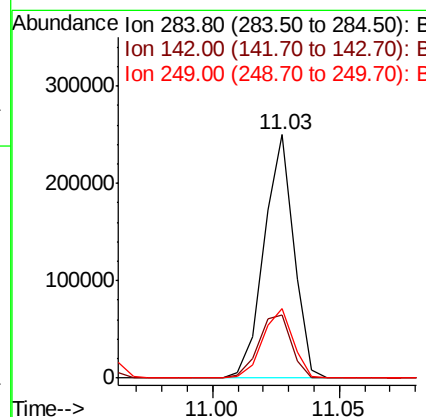
RT: 11.03 min Scan# 1520

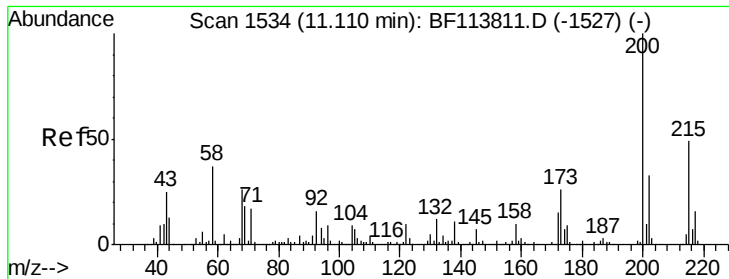
Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion:	284	Resp:	205010
Ion Ratio	Lower	Upper	
284	100		
142	25.8	23.0	34.4
249	28.6	24.4	36.6





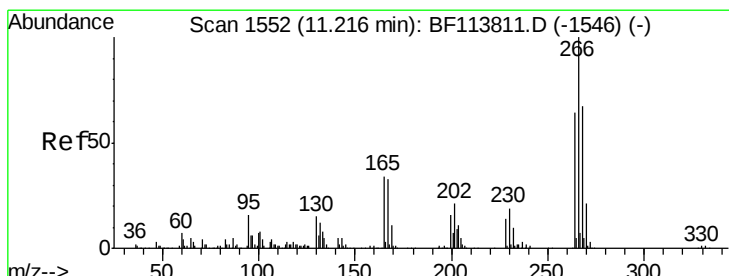
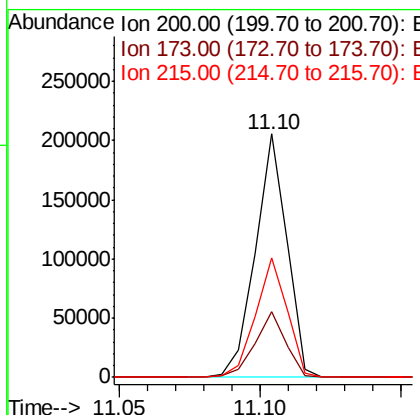
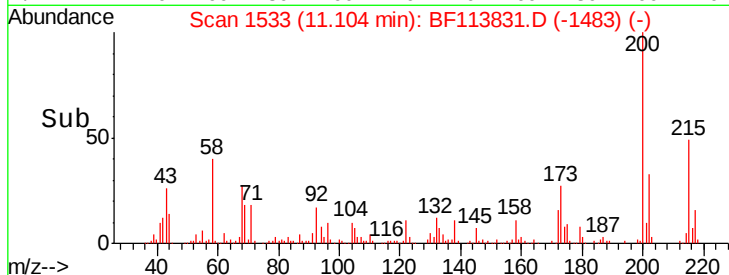
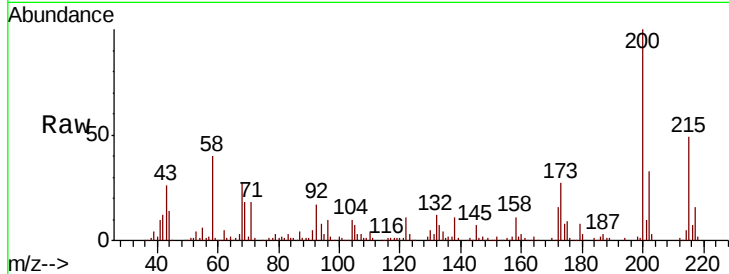
#69
Atrazine
Concen: 37.055 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampled :
TP-18-SMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	5.9	45.9
215	49.3	29.3	69.3

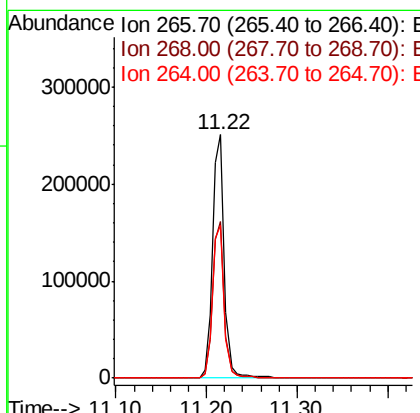
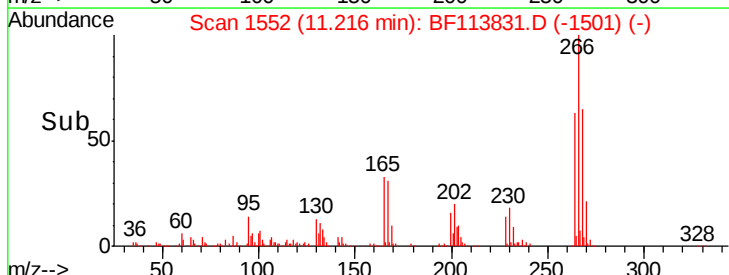
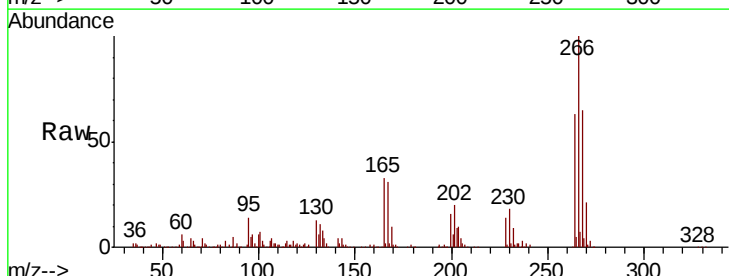
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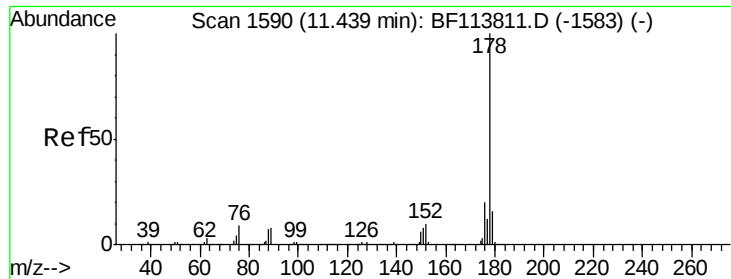
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#70
Pentachlorophenol
Concen: 68.571 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	53.5	80.3
264	63.0	51.0	76.6





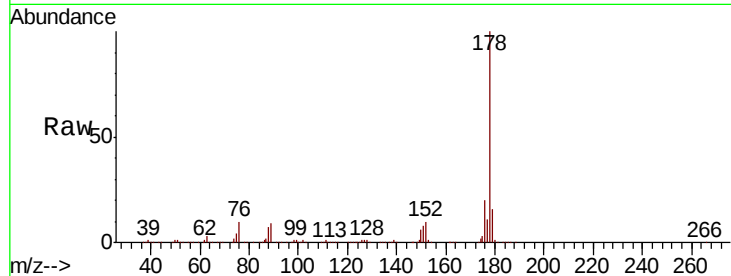
#71
Phenanthrene
Concen: 35.401 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

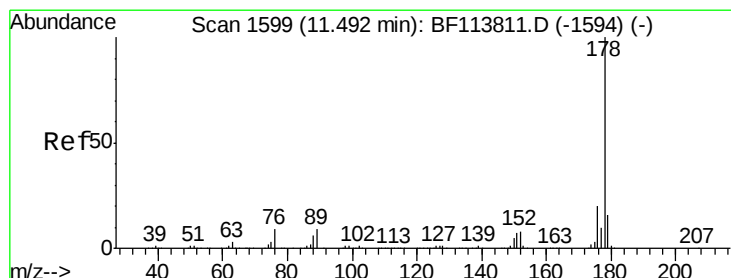
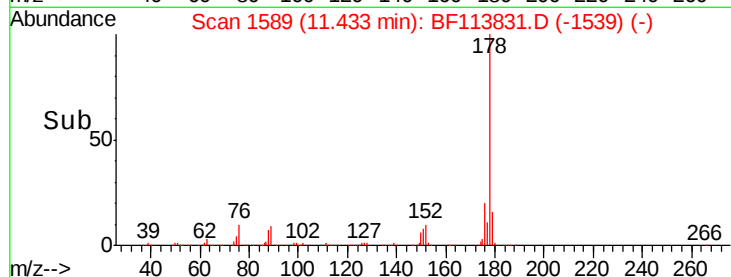
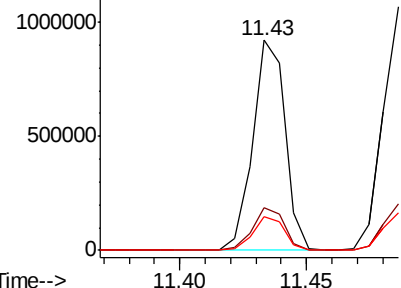
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	15.8	12.8	19.2

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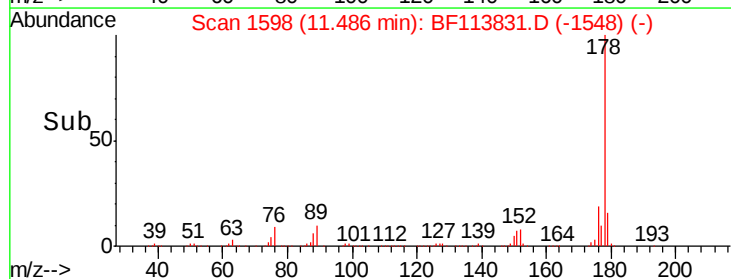
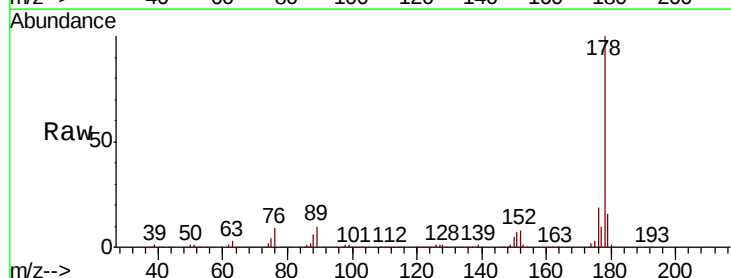
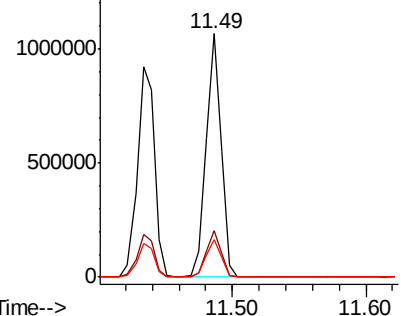
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

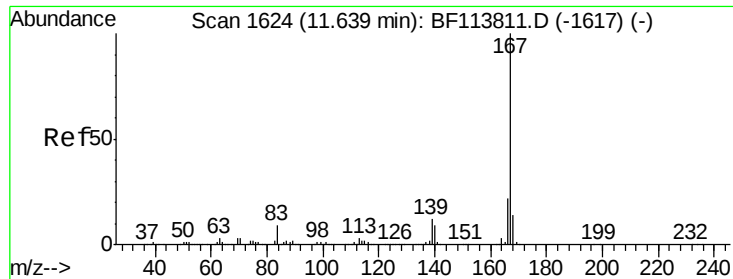


#72
Anthracene
Concen: 36.248 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.5	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





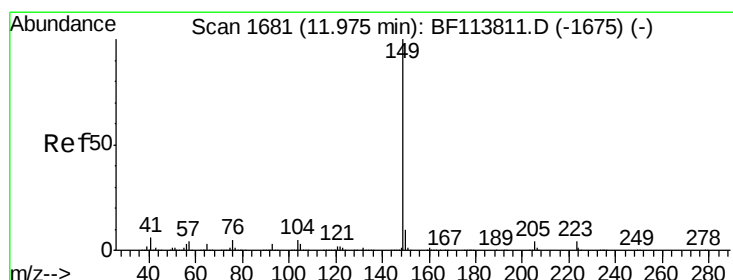
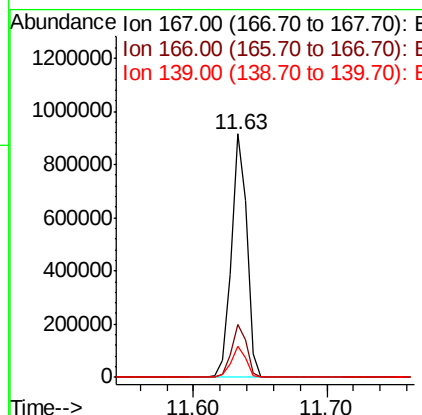
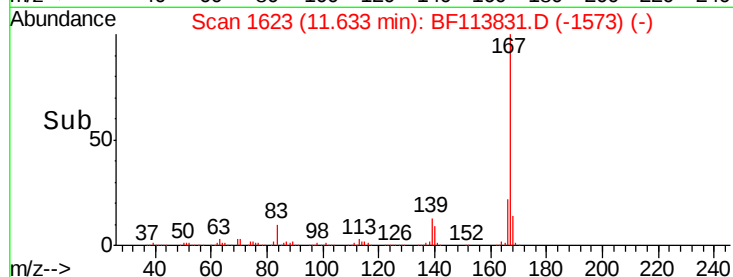
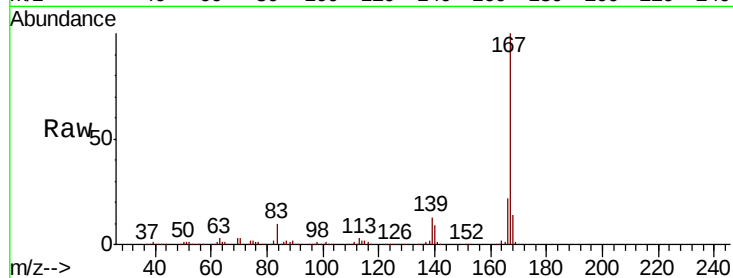
#73
 Carbazole
 Concen: 35.298 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		752593		
166	21.7	17.7	26.5		
139	12.6	10.0	15.0		

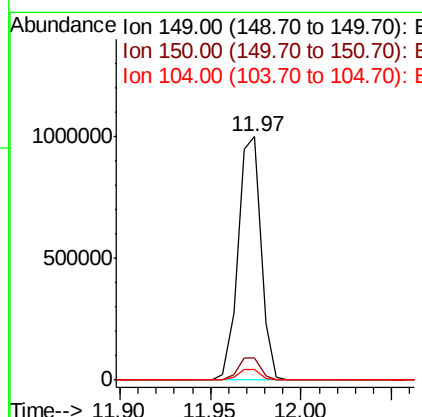
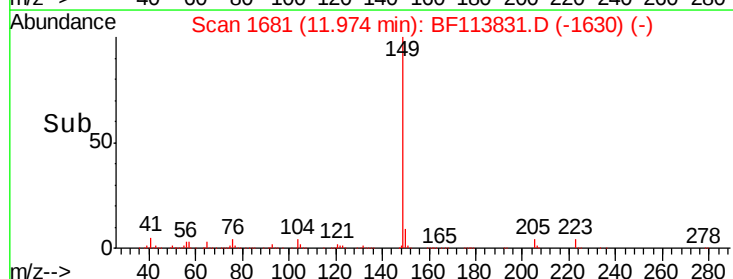
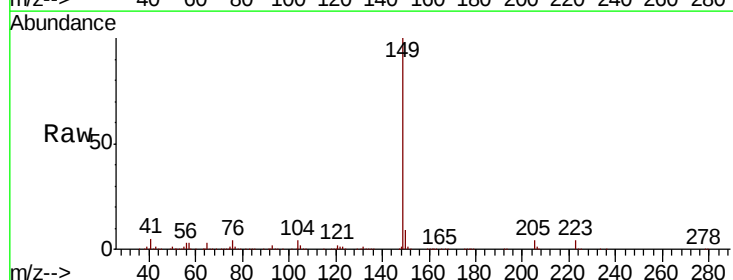
Manual Integrations
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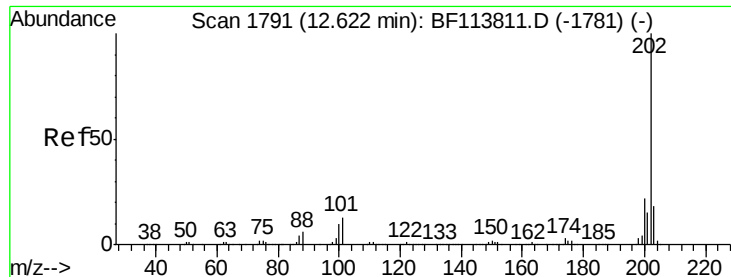
Sohil
 4/23/2019 8:16:47 AM



#74
 Di-n-butylphthalate
 Concen: 37.059 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		879384		
150	9.2	7.8	11.8		
104	4.4	3.8	5.8		





#75

Fluoranthene

Concen: 38.573 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

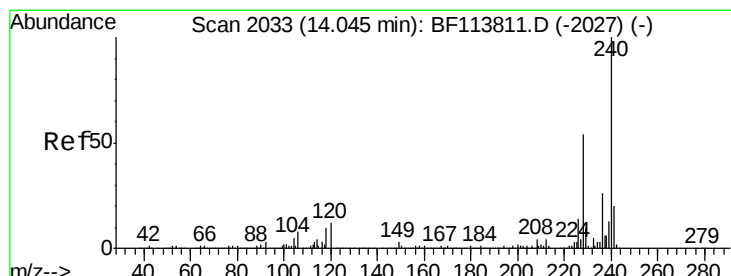
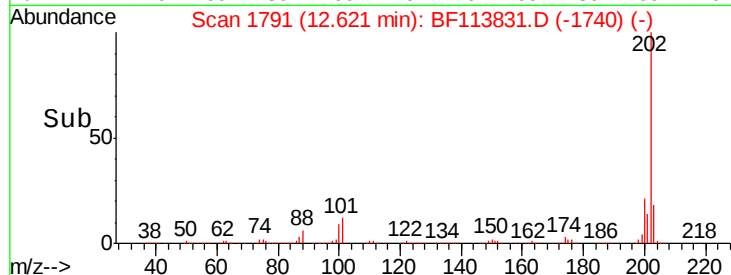
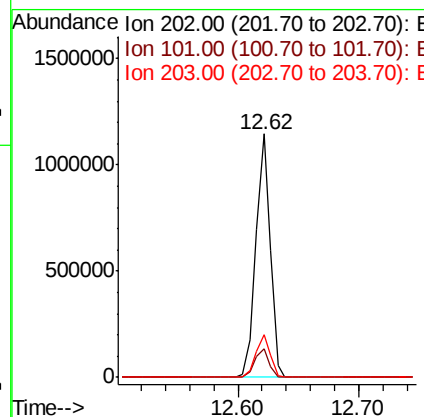
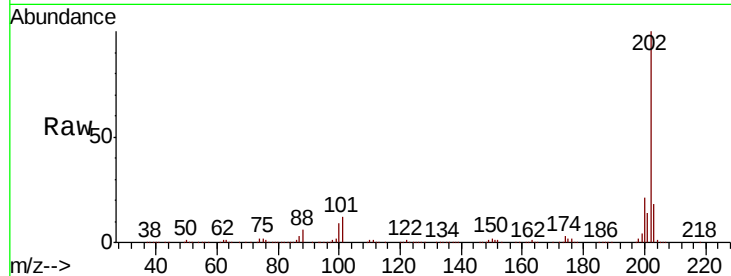
ClientSampleId :

TP-18-SMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	32.9
203	17.7	0.0	38.2

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4/23/2019 8:16:47 AM



#76

Chrysene-d12

Concen: 20.000 ng

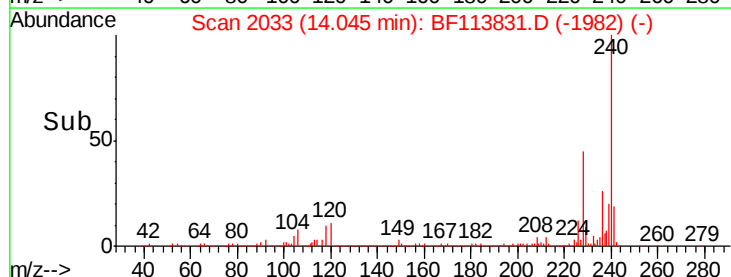
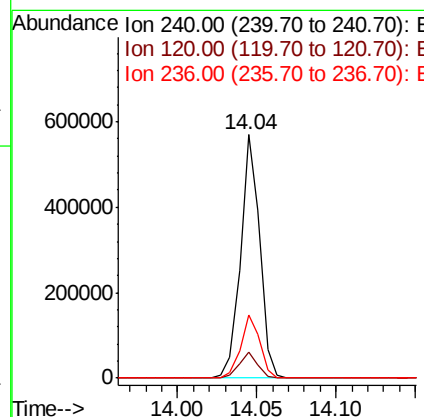
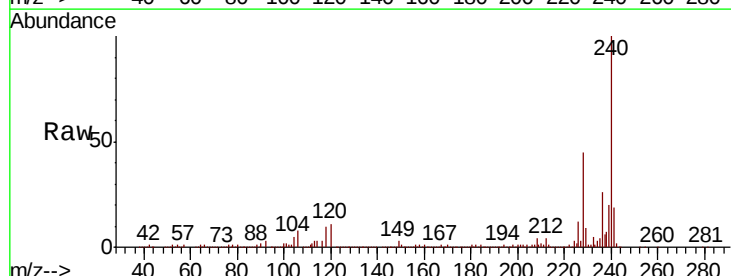
RT: 14.04 min Scan# 2033

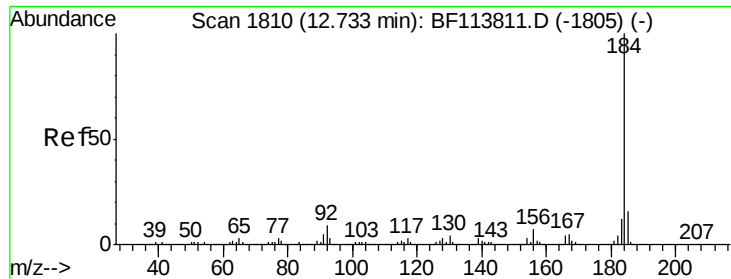
Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	9.3	13.9
236	25.8	21.2	31.8





#77

Benzidine

Concen: 27.800 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

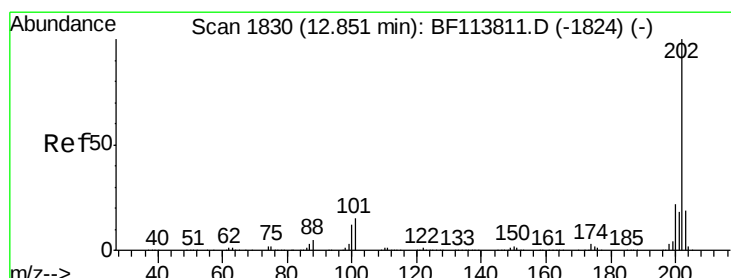
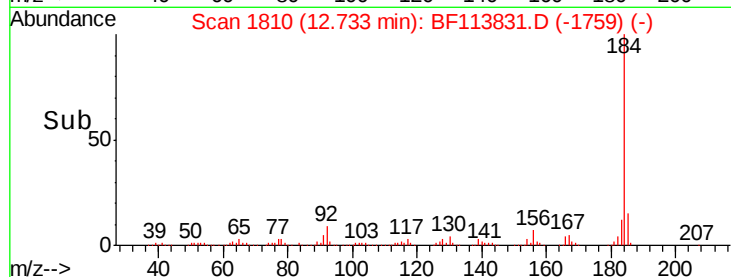
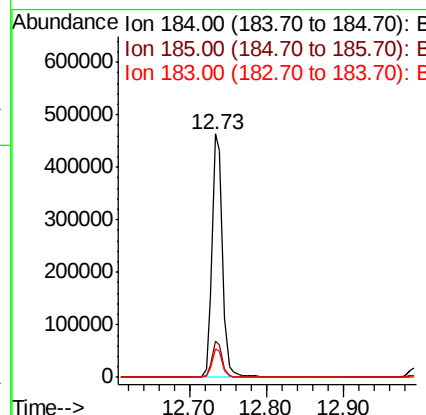
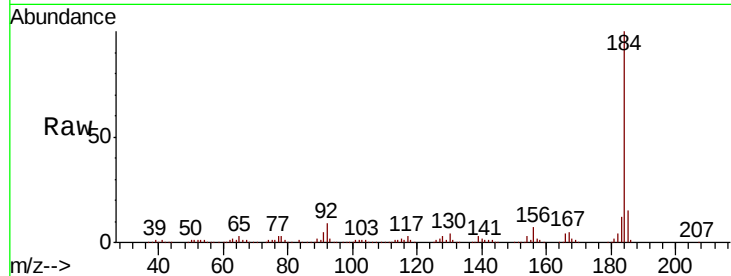
ClientSampleId :

TP-18-SMSD

Tot Ion:	184	Resp:	439310
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.0	19.6
183	11.6	9.4	14.0

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#78

Pyrene

Concen: 29.377 ng

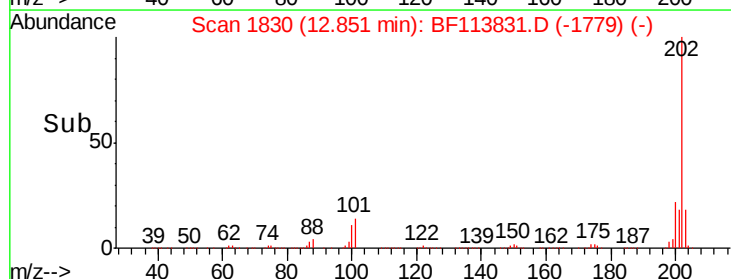
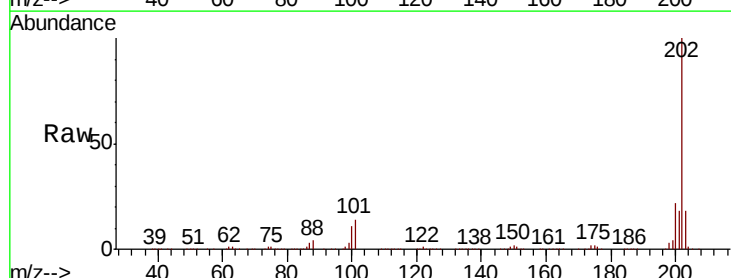
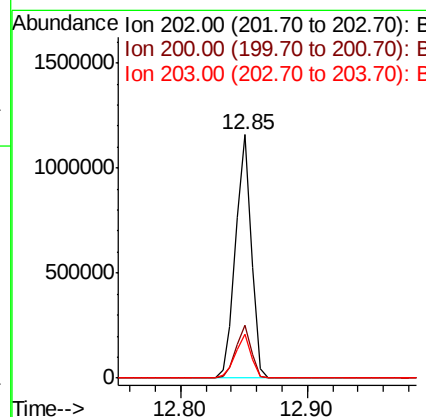
RT: 12.85 min Scan# 1830

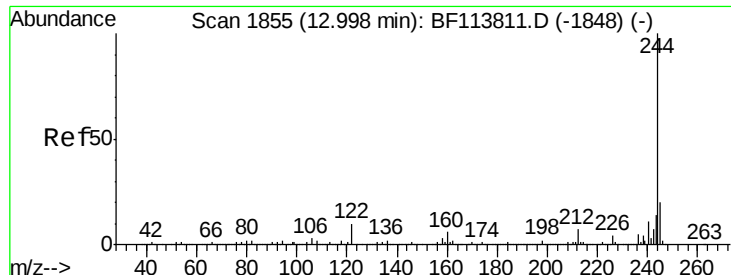
Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion:	202	Resp:	986346
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.7	26.5
203	17.8	15.0	22.6





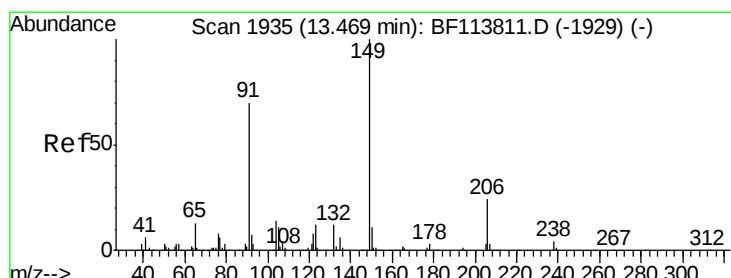
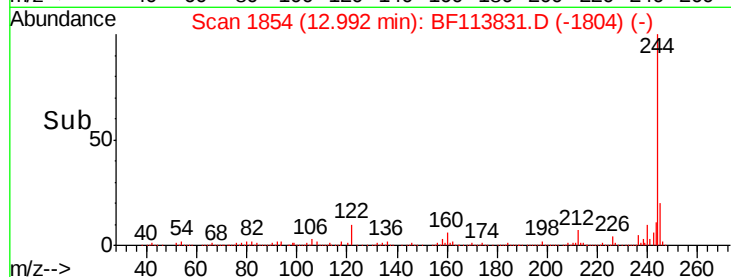
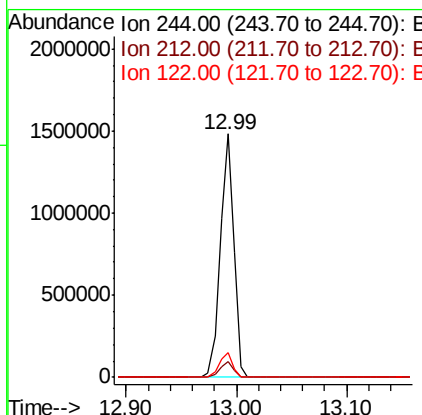
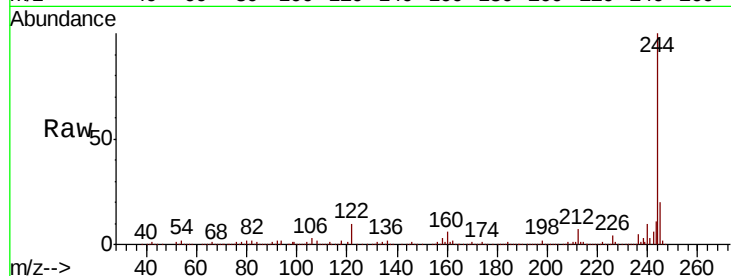
#79
 Terphenyl-d14
 Concen: 55.444 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.2	7.6	11.4

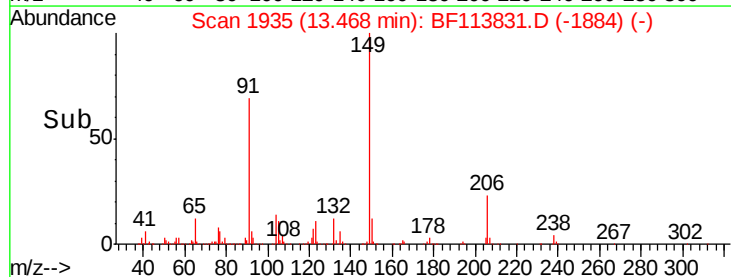
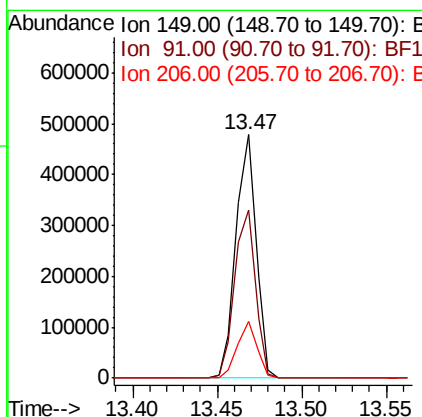
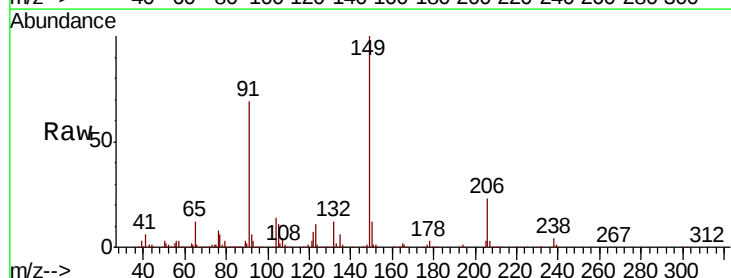
Manual Integrations
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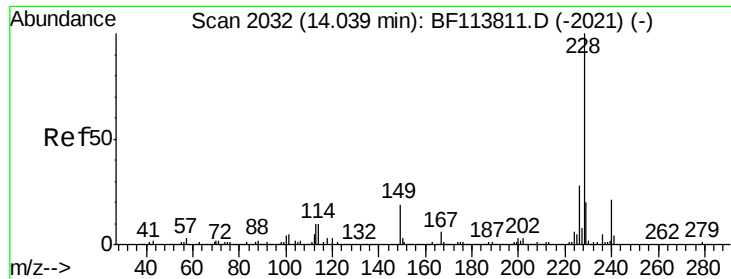
Sohil
 4/23/2019 8:16:47 AM



#80
 Butylbenzylphthalate
 Concen: 32.109 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	56.3	84.5
206	23.5	19.0	28.6





#81

Benzo(a)anthracene

Concen: 36.375 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

TP-18-SMSD

Tot Ion:228 Resp: 1012977

Ion Ratio Lower Upper

228 100

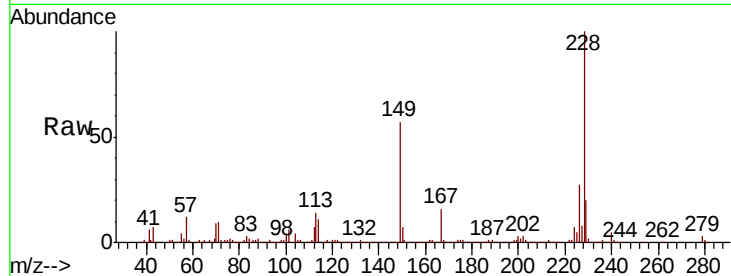
226 27.2 22.2 33.2

229 20.4 16.0 24.0

Manual Integrations
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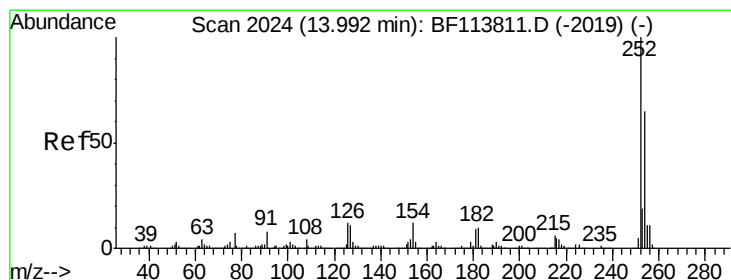
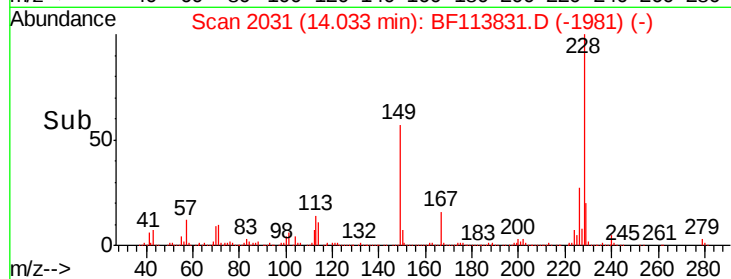
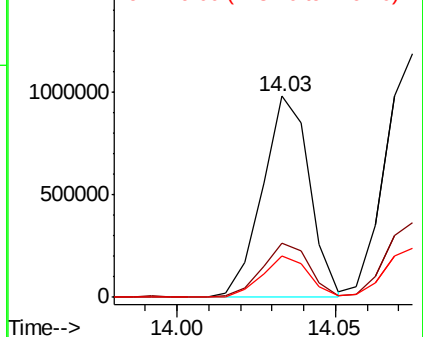


Abundance

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: 36.398 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

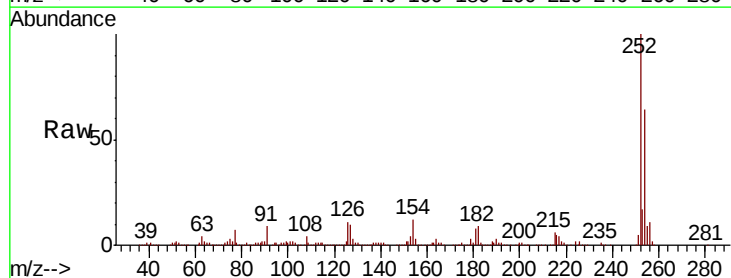
Tgt Ion:252 Resp: 360273

Ion Ratio Lower Upper

252 100

254 64.3 52.1 78.1

126 10.6 9.3 13.9

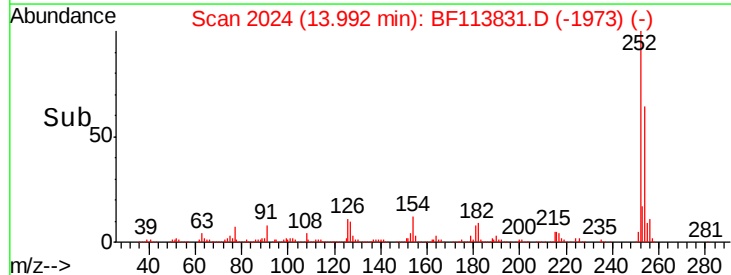
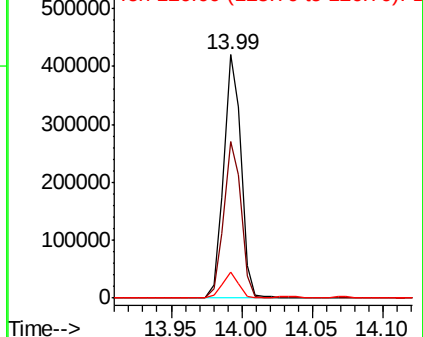


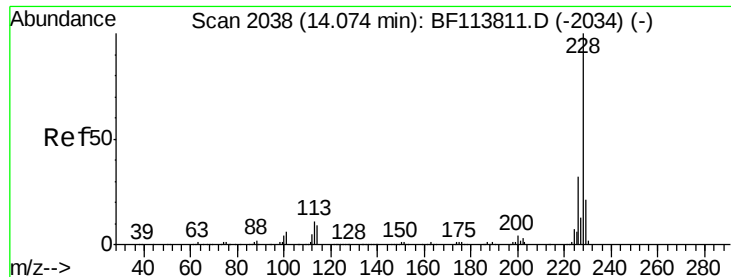
Abundance

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





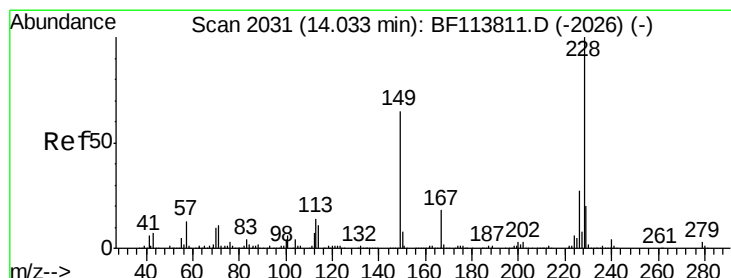
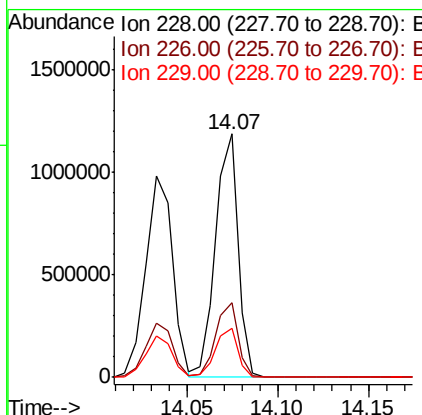
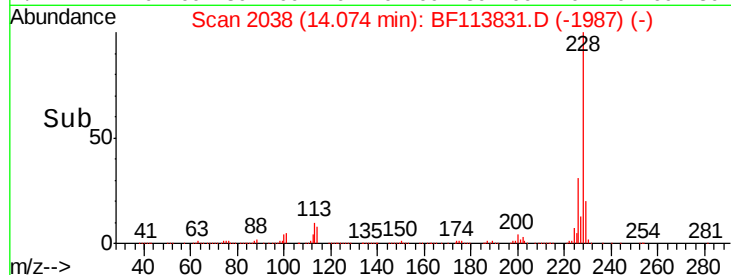
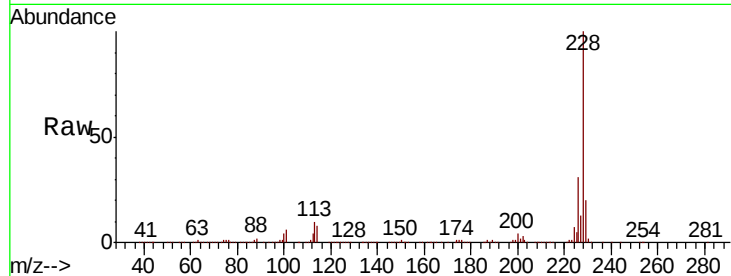
#83
 Chrvsene
 Concen: 37.162 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.2	37.8
229	20.2	16.7	25.1

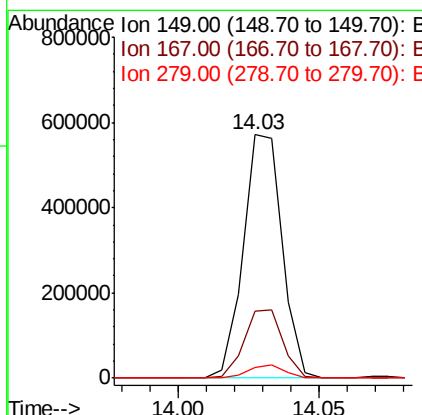
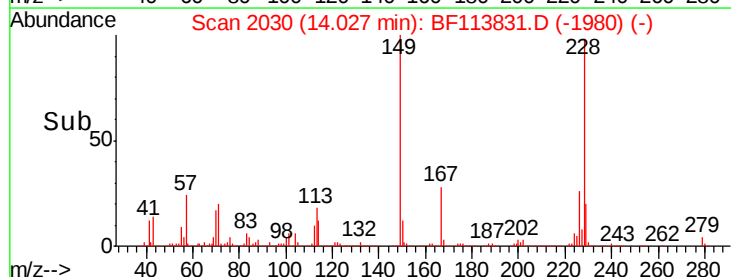
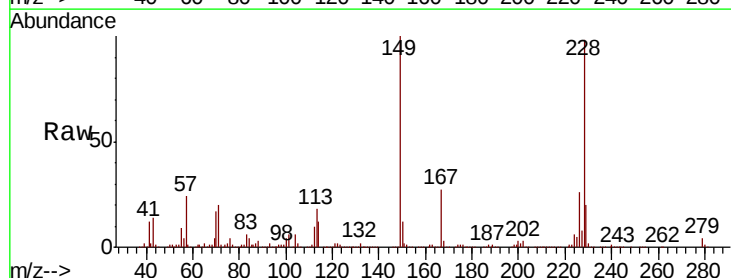
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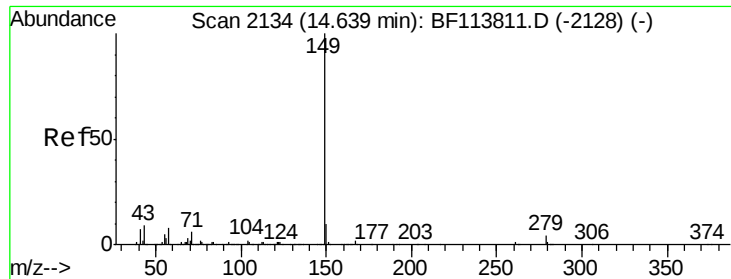
Sohil
 4/23/2019 8:16:47 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.634 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.9	34.3
279	4.3	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 46.432 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

TP-18-SMSD

Tot Ion:149 Resp: 1071945

Ion Ratio Lower Upper

149 100

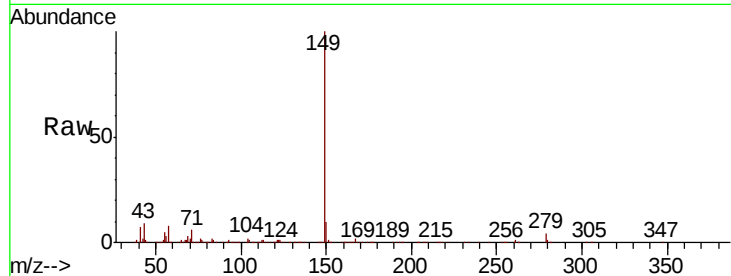
167 1.7 1.3 1.9

43 7.9 6.6 10.0

Manual Integrations
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Sohil

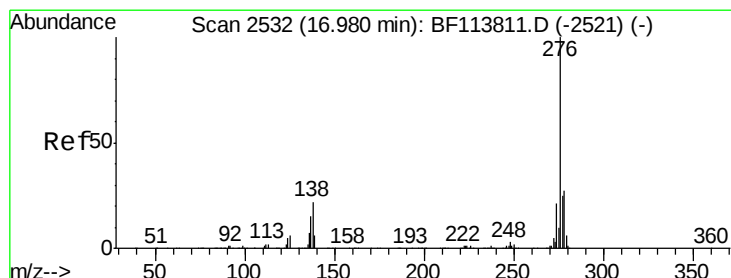
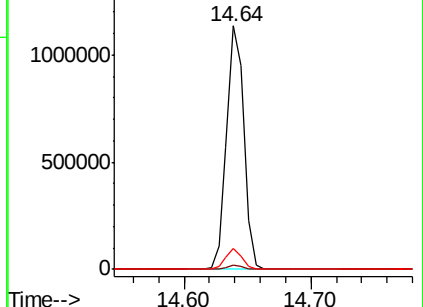
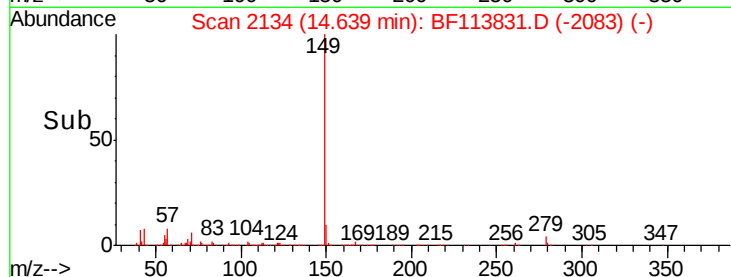
4/23/2019 8:16:47 AM



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: 46.905 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

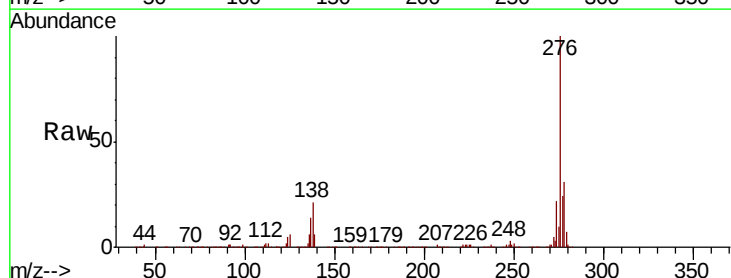
Tgt Ion:276 Resp: 1058418

Ion Ratio Lower Upper

276 100

138 24.0 19.6 29.4

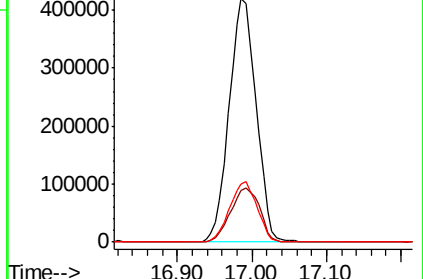
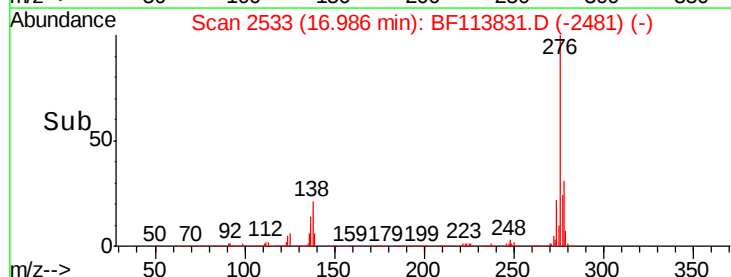
277 25.3 20.2 30.4

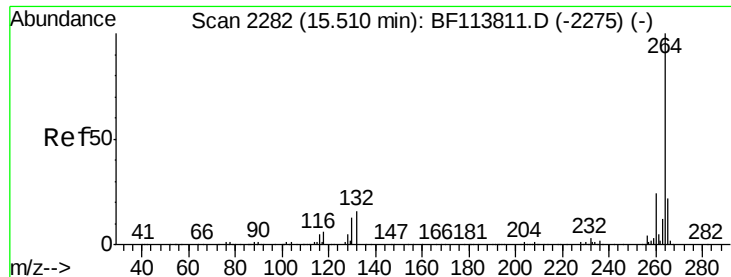


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





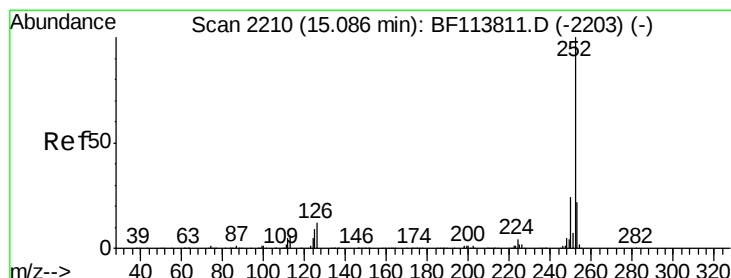
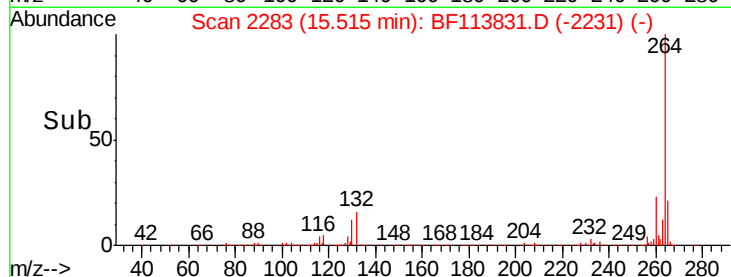
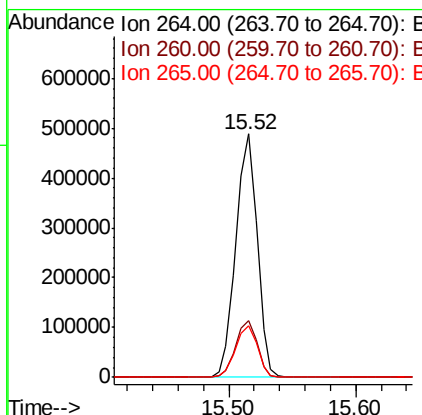
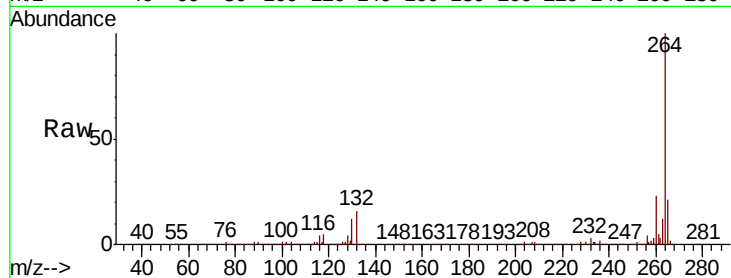
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.2	17.3	25.9

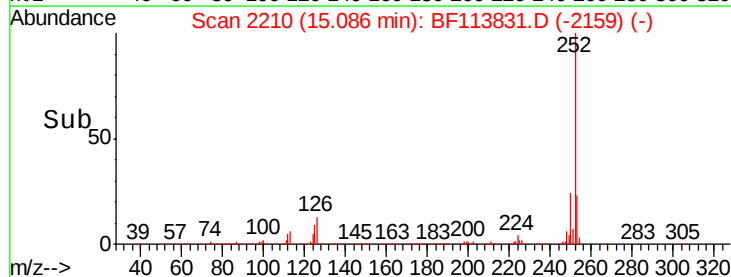
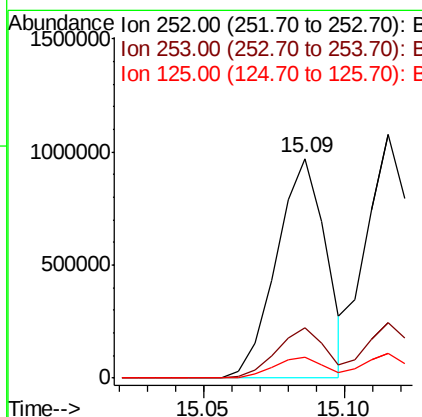
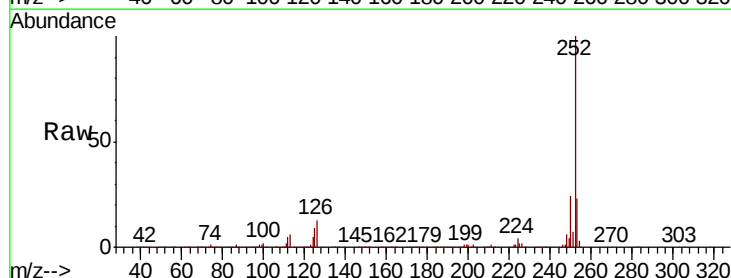
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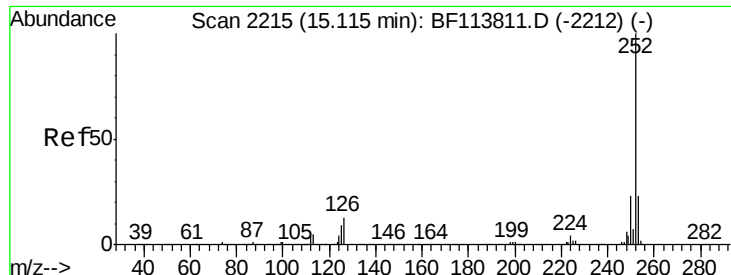
Sohil
4/23/2019 8:16:47 AM



#88
Benzo(b)fluoranthene
Concen: 33.322 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	9.5	7.0	10.6





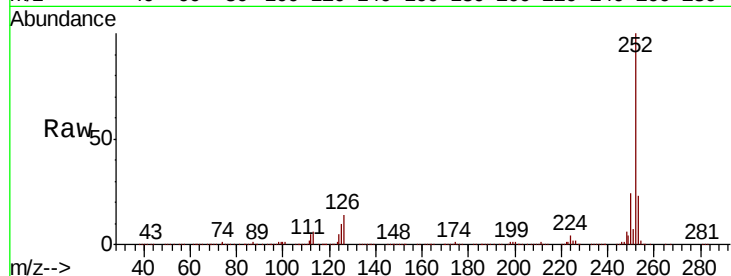
#89
Benzo(k)fluoranthene
Concen: 34.769 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.9	7.4	11.2

Manual Integrations
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4/23/2019 8:16:47 AM

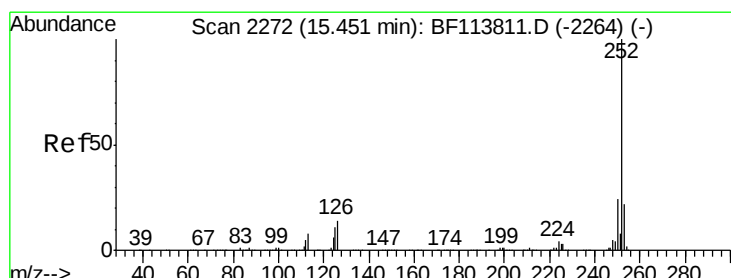
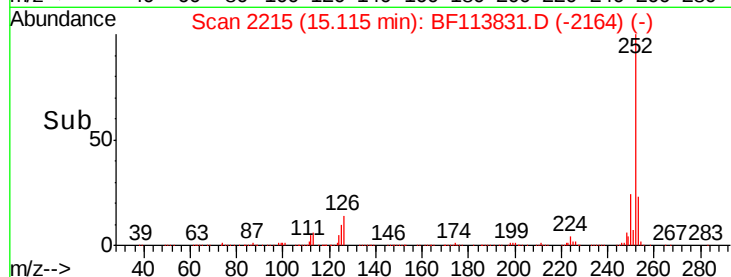
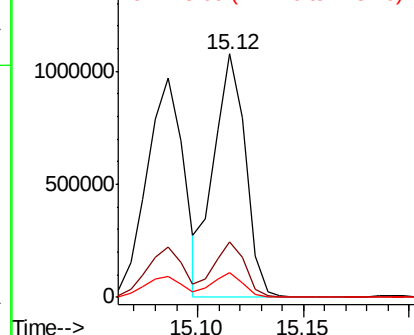


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 35.921 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

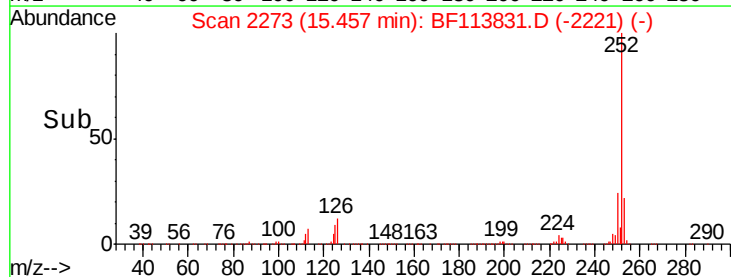
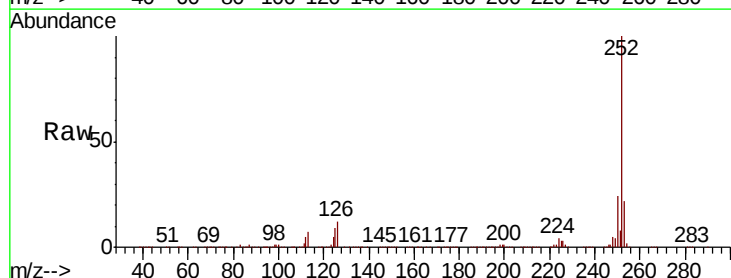
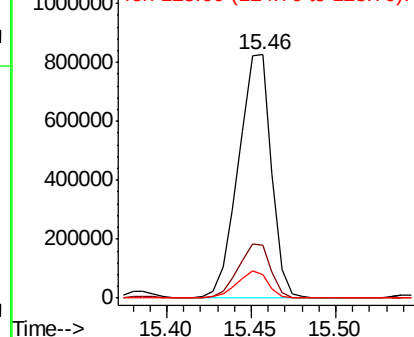
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.5	8.5	12.7

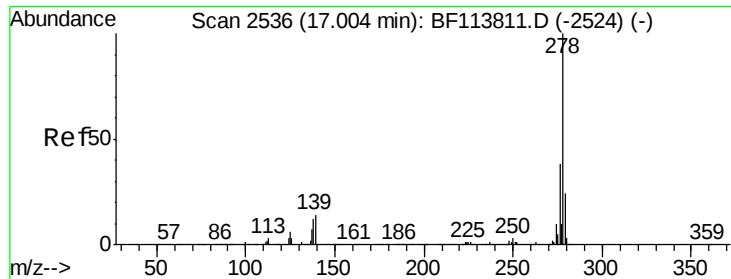
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





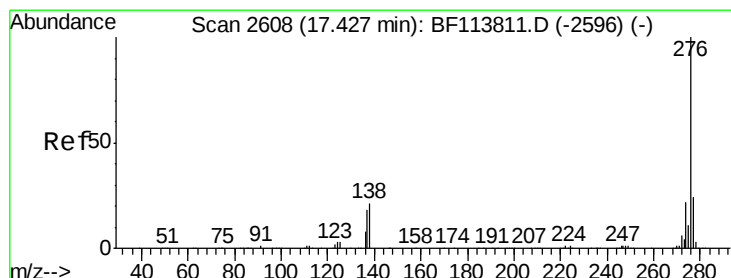
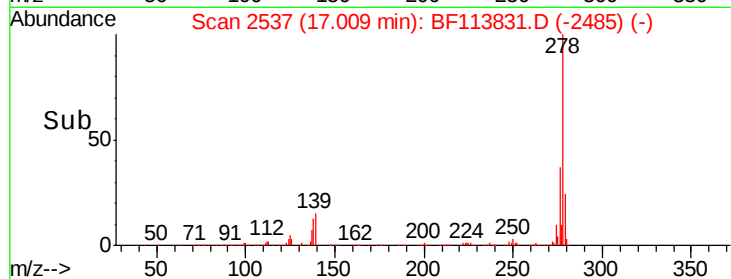
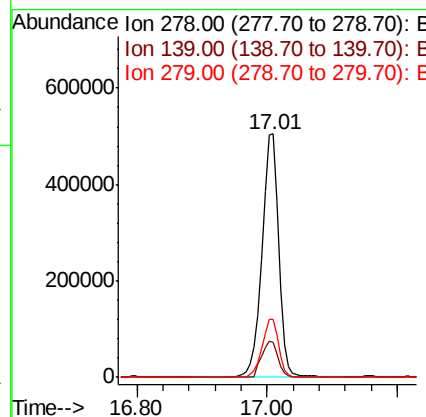
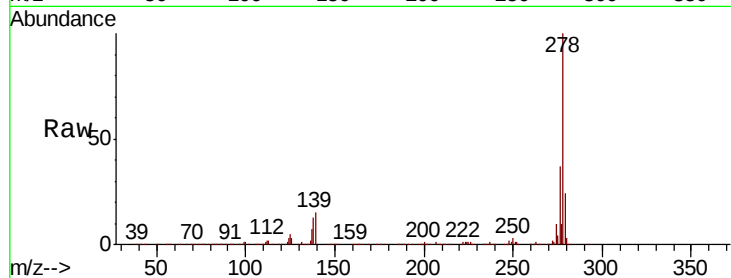
#91
Dibenzo(a,h)anthracene
Concen: 32.405 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :
TP-18-SMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.6	17.4
279	24.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/23/2019 8:16:47 AM



#92
Benzo(g,h,i)perylene
Concen: 28.708 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	20.7	16.6	25.0

