

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113882.D
 Acq On : 22 Apr 2019 17:20
 Operator : JU/SJ
 Sample : SSTDICV40
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042219

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:07:55 PM

Quant Time: Apr 22 17:45:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 17:06:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	177590	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	711322	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	375818	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	761011	20.00	ng	0.00
76) Chrysene-d12	14.09	240	672195	20.00	ng	0.02
87) Perylene-d12	15.60	264	594002	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	847590	81.63	ng	0.00
7) Phenol-d6	6.52	99	1065268	81.77	ng	0.00
23) Nitrobenzene-d5	7.46	82	978164	84.91	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	390599	85.32	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1905474	79.30	ng	0.00
79) Terphenyl-d14	13.00	244	2432292	74.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	194699	39.779	ng	98
3) Pyridine	3.45	79	545339	40.819	ng	99
4) n-Nitrosodimethylamine	3.40	42	183727	40.174	ng	94
6) Aniline	6.56	93	734513	41.061	ng	99
8) 2-Chlorophenol	6.69	128	487626	41.134	ng	96
9) Benzaldehyde	6.45	77	306775	42.211	ng	96
10) Phenol	6.54	94	642144	41.223	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	476034	40.610	ng	100
12) 1,3-Dichlorobenzene	6.84	146	547657	40.791	ng	100
13) 1,4-Dichlorobenzene	6.92	146	545482	40.394	ng	99
14) 1,2-Dichlorobenzene	7.07	146	512585	41.302	ng	99
15) Benzyl Alcohol	7.03	79	369905	42.161	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	557401	40.735	ng	93
17) 2-Methylphenol	7.15	107	422084	40.619	ng	99
18) Hexachloroethane	7.42	117	193428	40.861	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	340004	40.303	ng	99
20) 3+4-Methylphenols	7.30	107	492808	41.976	ng	# 88
22) Acetophenone	7.30	105	639931	40.427	ng	96
24) Nitrobenzene	7.47	77	528705	41.533	ng	100
25) Isophorone	7.72	82	941073	39.922	ng	100
26) 2-Nitrophenol	7.79	139	257751	44.384	ng	97
27) 2,4-Dimethylphenol	7.83	122	382235	40.398	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	601395	40.037	ng	100
29) 2,4-Dichlorophenol	8.03	162	435131	40.216	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	487036	40.370	ng	99
31) Naphthalene	8.20	128	1384697	40.977	ng	100
32) Benzoic acid	7.95	122	292703m	45.809	ng	
33) 4-Chloroaniline	8.25	127	570291	39.885	ng	97
34) Hexachlorobutadiene	8.32	225	304602	40.502	ng	100
35) Caprolactam	8.62	113	139865	40.636	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	434922	40.573	ng	95
37) 2-Methylnaphthalene	8.89	142	924043	40.551	ng	98
38) 1-Methylnaphthalene	8.99	142	902741	41.046	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	499874	40.947	ng	99

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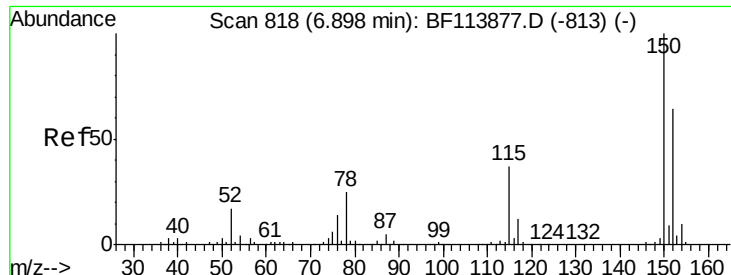
Manual Integrations
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 4/23/2019 4:07:55 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	270350	39.713	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	316932	40.885	ng	98
44) 2,4,5-Trichlorophenol	9.21	196	357016	41.060	ng	97
46) 1,1'-Biphenyl	9.36	154	1183159	41.211	ng	98
47) 2-Chloronaphthalene	9.38	162	950245	40.701	ng	98
48) 2-Nitroaniline	9.47	65	269946	44.106	ng	94
49) Acenaphthylene	9.80	152	1504436	41.160	ng	100
50) Dimethylphthalate	9.66	163	1113491	40.968	ng	100
51) 2,6-Dinitrotoluene	9.71	165	261928	44.919	ng	91
52) Acenaphthene	9.97	154	896582	41.507	ng	97
53) 3-Nitroaniline	9.88	138	266082	43.425	ng	98
54) 2,4-Dinitrophenol	9.99	184	104382	45.391	ng	# 1
55) Dibenzofuran	10.14	168	1336072	41.292	ng	98
56) 4-Nitrophenol	10.03	139	219929	45.332	ng	97
57) 2,4-Dinitrotoluene	10.12	165	342067	46.476	ng	98
58) Fluorene	10.49	166	1003886	41.210	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	317835	41.596	ng	99
60) Diethylphthalate	10.35	149	1078060	41.768	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	530491	41.120	ng	100
62) 4-Nitroaniline	10.49	138	266009	44.487	ng	97
63) Azobenzene	10.63	77	1033256	41.305	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	151713	44.181	ng	89
66) n-Nitrosodiphenylamine	10.59	169	922592	40.404	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	367488	39.973	ng	98
68) Hexachlorobenzene	11.03	284	406052	40.193	ng	98
69) Atrazine	11.12	200	297358	40.032	ng	100
70) Pentachlorophenol	11.22	266	248060	43.368	ng	98
71) Phenanthrene	11.45	178	1571544	41.091	ng	99
72) Anthracene	11.50	178	1576872	40.829	ng	99
73) Carbazole	11.65	167	1434104	41.621	ng	99
74) Di-n-butylphthalate	11.98	149	1691196	41.726	ng	100
75) Fluoranthene	12.63	202	1720023	41.222	ng	99
77) Benzidine	12.74	184	913411	45.606	ng	98
78) Pyrene	12.86	202	1707958	36.334	ng	99
80) Butylbenzylphthalate	13.48	149	730469	39.495	ng	99
81) Benzo(a)anthracene	14.07	228	1562069	39.442	ng	99
82) 3,3'-Dichlorobenzidine	14.03	252	618674	42.620	ng	# 98
83) Chrysene	14.12	228	1548535	40.148	ng	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	957139	40.675	ng	99
85) Di-n-octyl phthalate	14.72	149	1590936	43.194	ng	99
86) Indeno(1,2,3-cd)pyrene	17.10	276	1323758	36.232	ng	98
88) Benzo(b)fluoranthene	15.17	252	1493553	39.741	ng	99
89) Benzo(k)fluoranthene	15.20	252	1354655	41.904	ng	99
90) Benzo(a)pyrene	15.54	252	1289147	39.658	ng	99
91) Dibenzo(a,h)anthracene	17.13	278	1107546	36.296	ng	99
92) Benzo(g,h,i)perylene	17.56	276	1042233	33.845	ng	99

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



#1

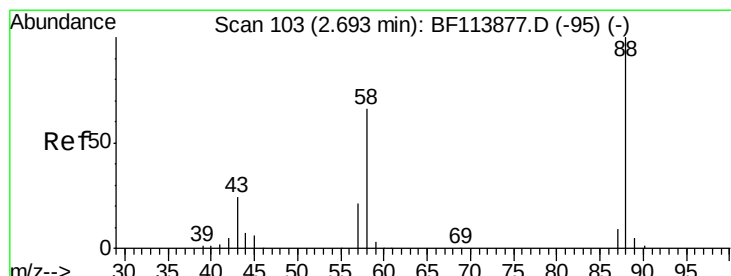
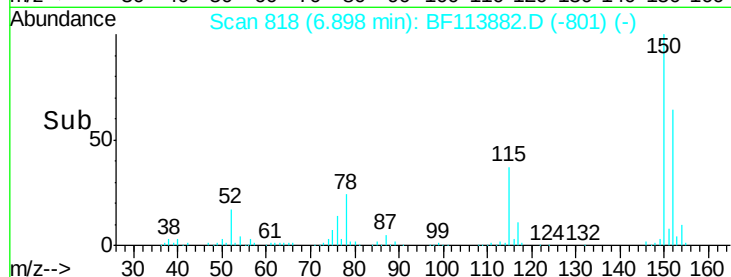
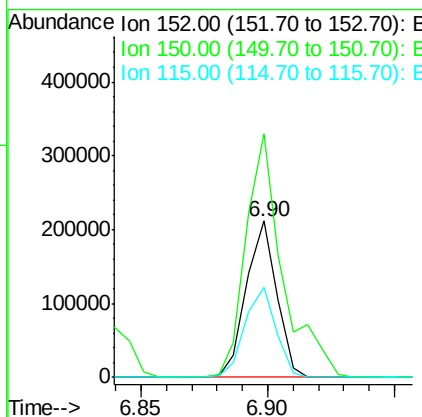
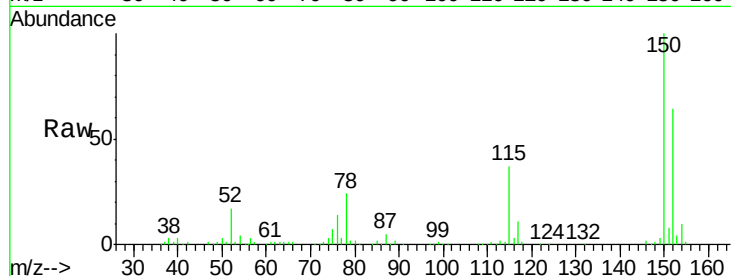
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042219

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.9	188.9
115	57.9	45.9	68.9

Manual Integrations
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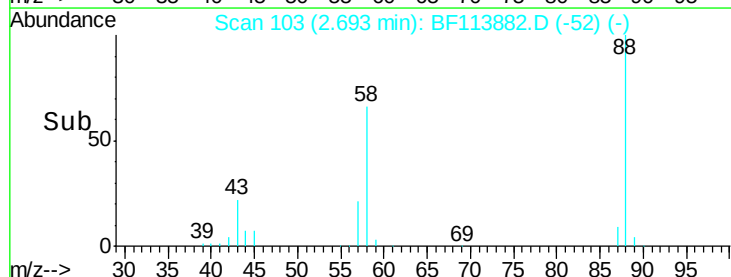
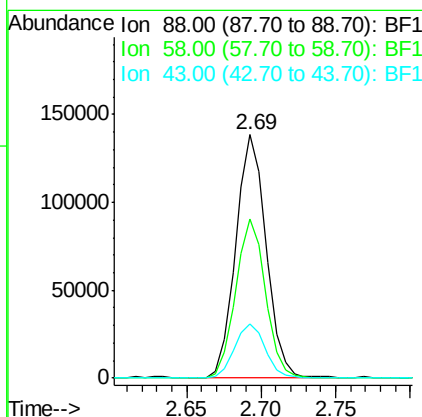
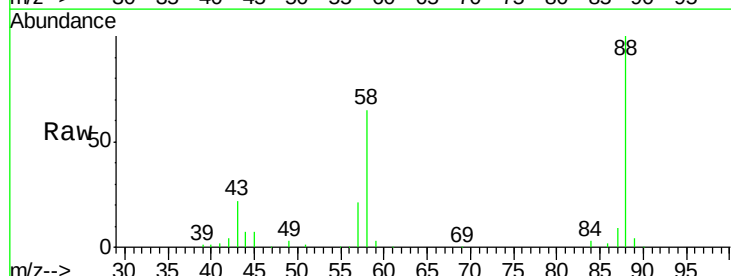
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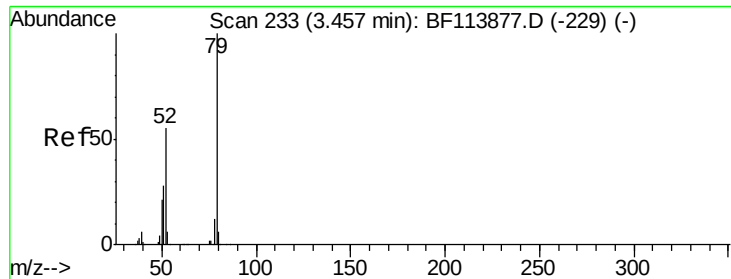


#2

1,4-Dioxane
 Concen: 39.779 ng
 RT: 2.69 min Scan# 103
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.5	53.3	79.9
43	22.7	19.0	28.4





#3

Pyridine

Concen: 40.819 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

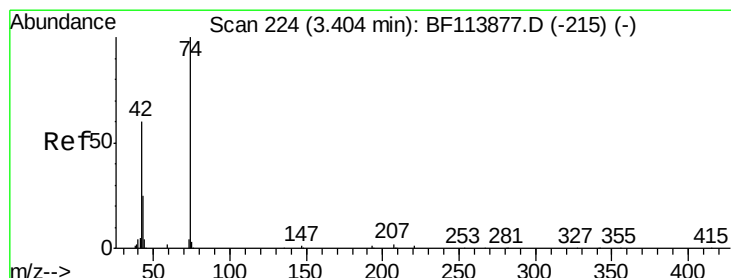
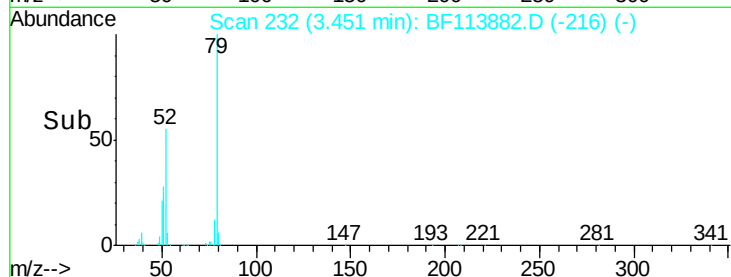
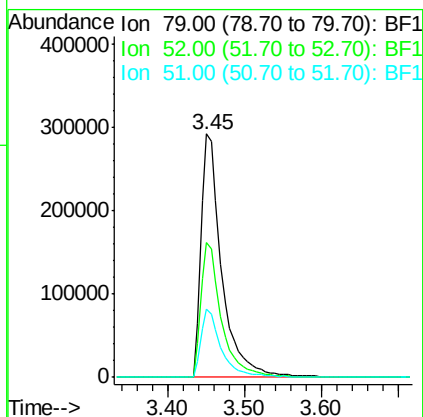
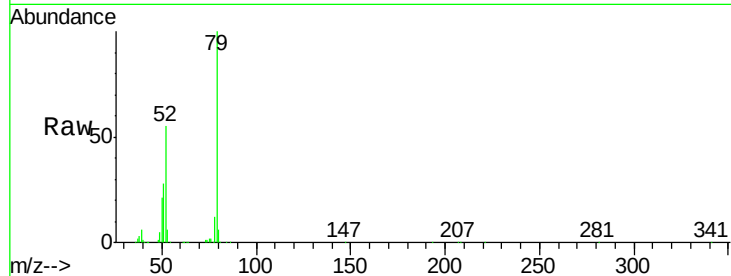
ClientSampleId :

ICVBF042219

Tgt Ion:	79	Resp:	545339
Ion	Ratio	Lower	Upper
79	100		
52	55.4	45.3	67.9
51	28.1	22.1	33.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.174 ng

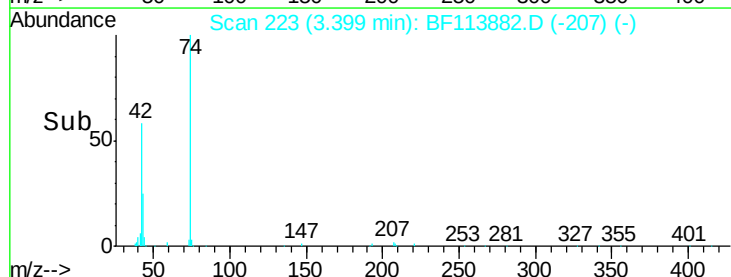
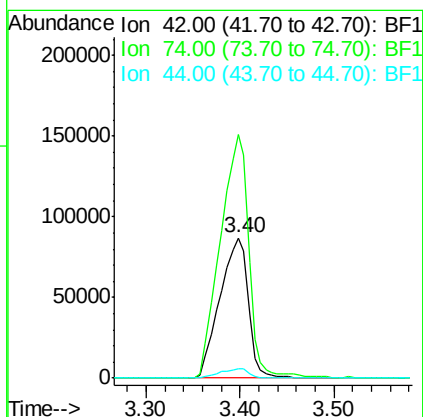
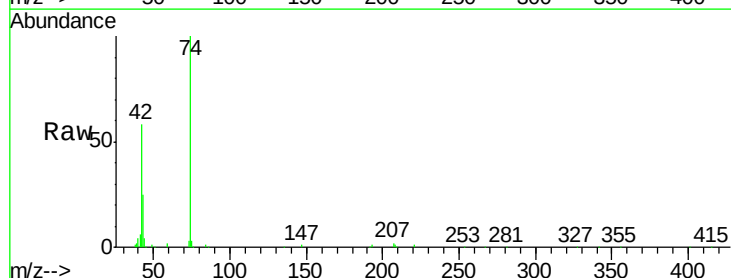
RT: 3.40 min Scan# 223

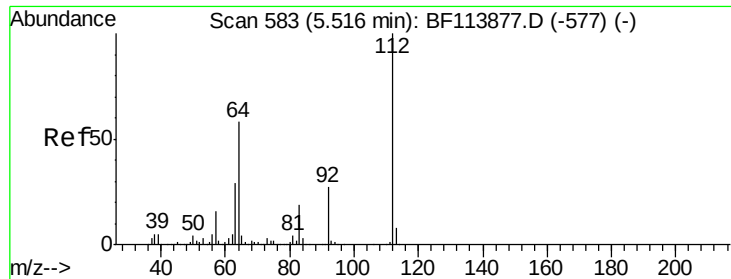
Delta R.T. -0.01 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Tgt Ion:	42	Resp:	183727
Ion	Ratio	Lower	Upper
42	100		
74	173.7	132.6	198.8
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 81.631 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

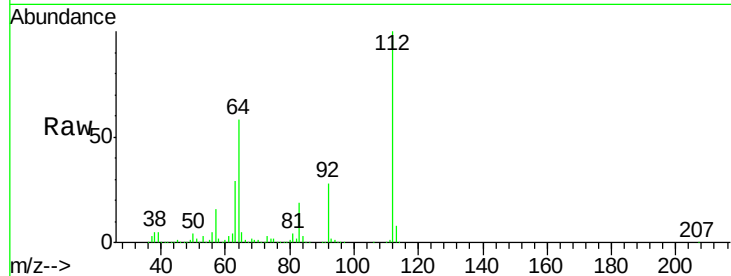
ClientSampleId :

ICVBF042219

Tgt Ion:	112	Resp:	847590
Ion Ratio	Lower	Upper	
112	100		
64	57.8	46.6	69.8
63	28.6	23.1	34.7

Manual Integrations
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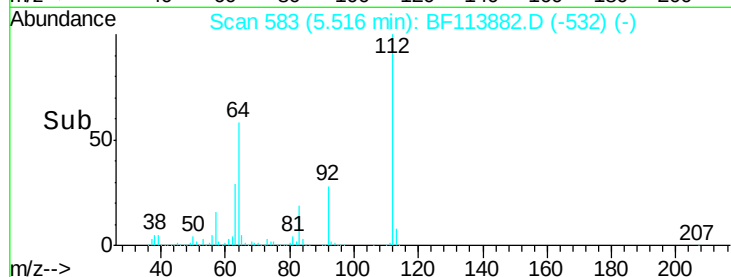


Abundance Ion 112.00 (111.70 to 112.70): E

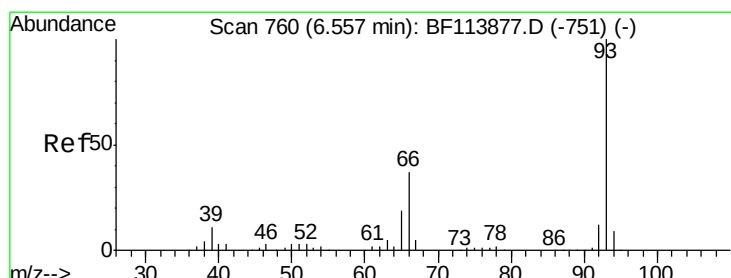
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->



Time-->



#6

Aniline

Concen: 41.061 ng

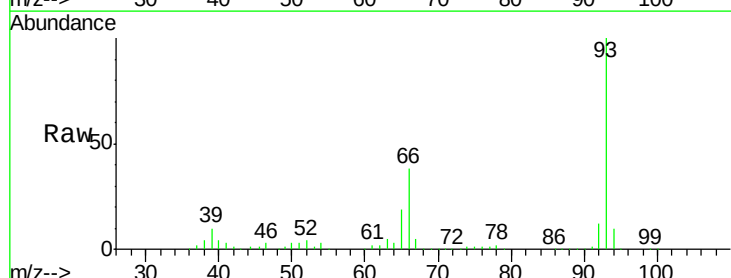
RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Tgt Ion:	93	Resp:	734513
Ion Ratio	Lower	Upper	
93	100		
66	37.8	29.8	44.6
65	19.0	14.9	22.3

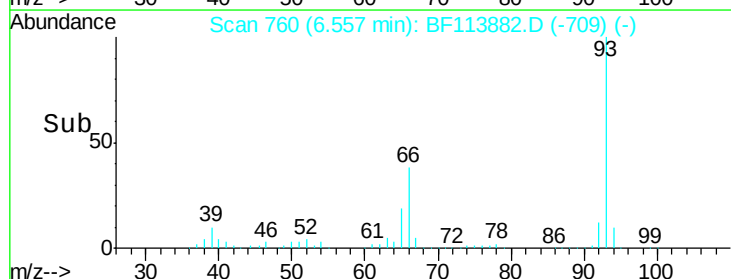


Abundance Ion 93.00 (92.70 to 93.70): BF1

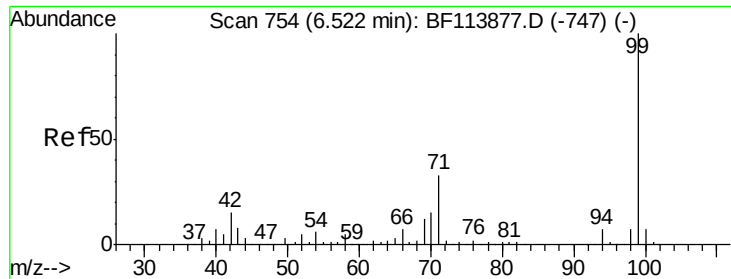
Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->



Time-->



#7

Phenol-d6

Concen: 81.774 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

ClientSampleId :

ICVBF042219

Tgt Ion: 99 Resp: 1065268

Ion Ratio Lower Upper

99 100

42 15.1 12.5 18.7

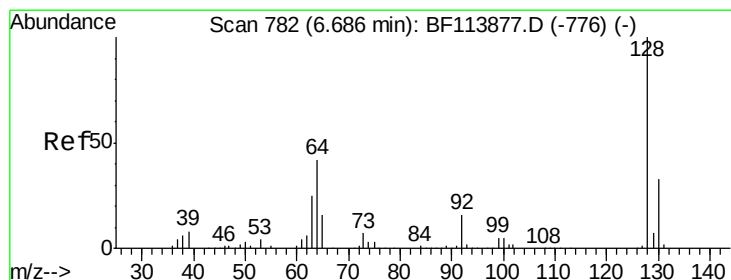
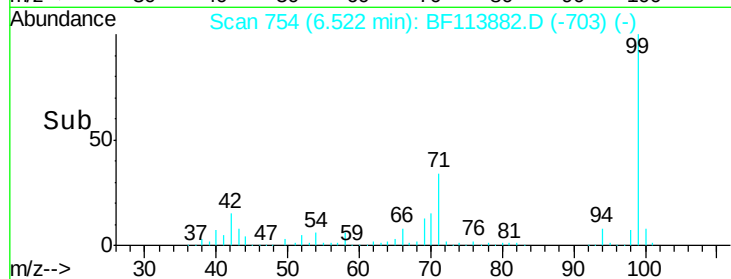
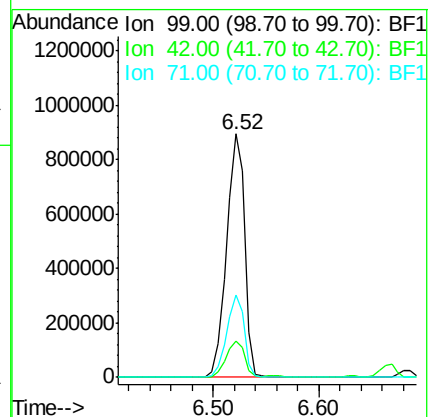
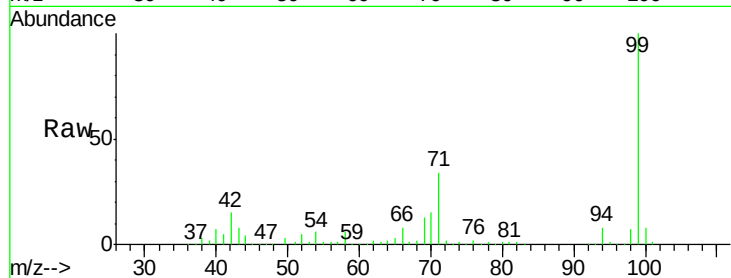
71 33.7 26.9 40.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.134 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

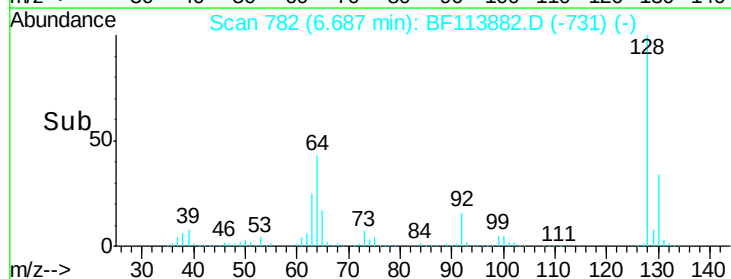
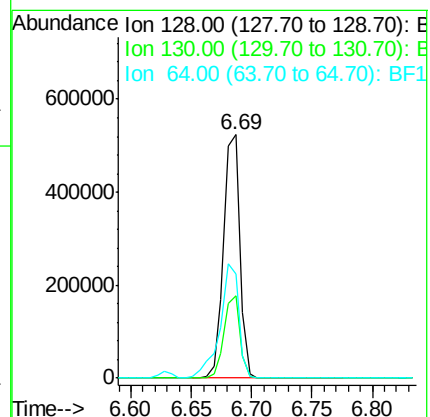
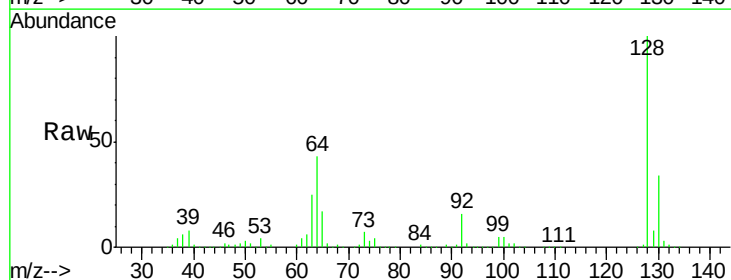
Tgt Ion: 128 Resp: 487626

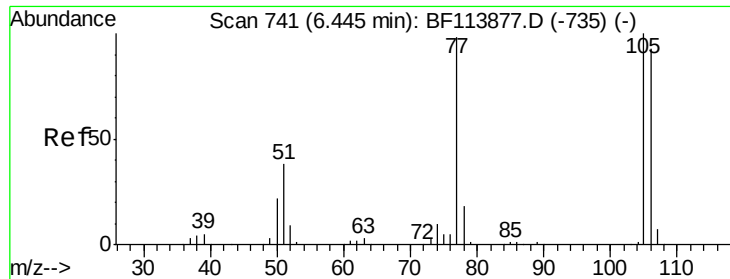
Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

64 42.7 26.1 66.1





#9

Benzaldehyde

Concen: 42.211 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

ClientSampleId :

ICVBF042219

Tgt Ion: 77 Resp: 306775
Ion Ratio Lower Upper

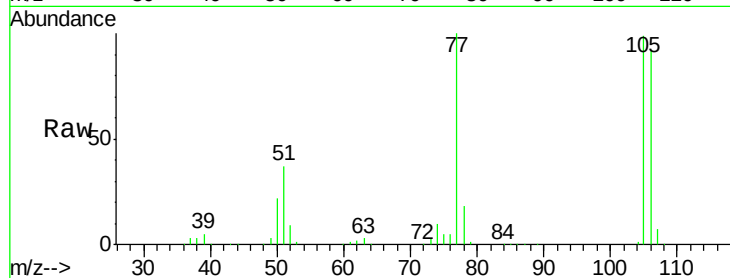
77 100

105 99.3 74.1 114.1

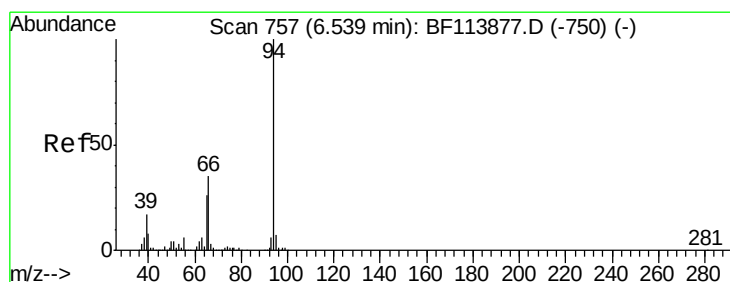
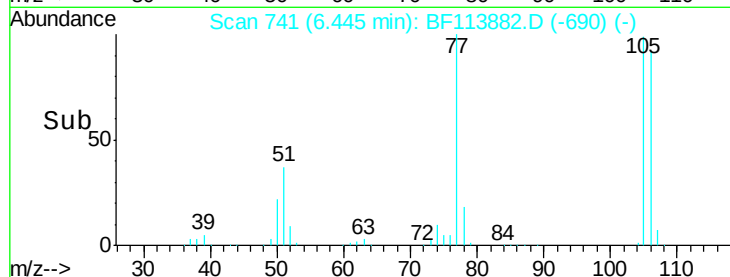
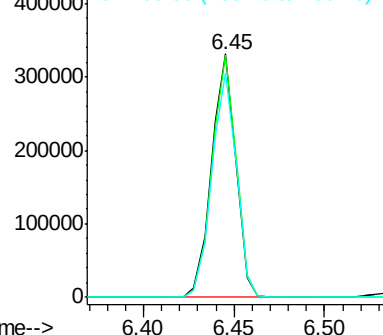
106 91.9 70.3 110.3

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: 41.223 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF113882.D

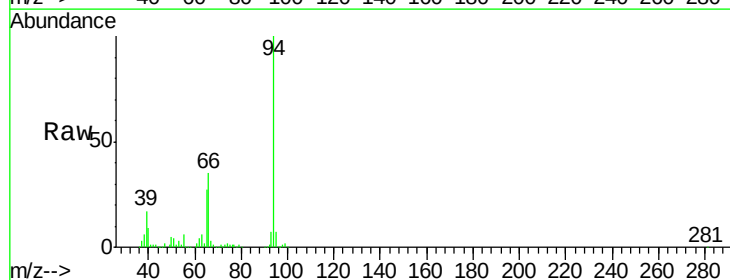
Acq: 22 Apr 2019 17:20

Tgt Ion: 94 Resp: 642144
Ion Ratio Lower Upper

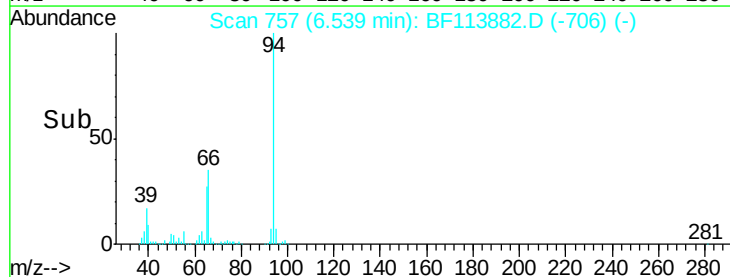
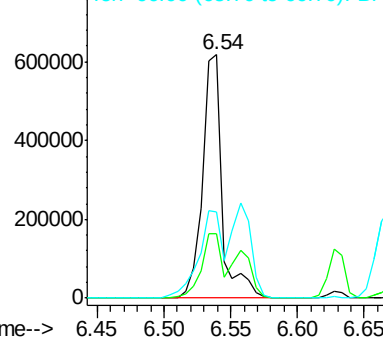
94 100

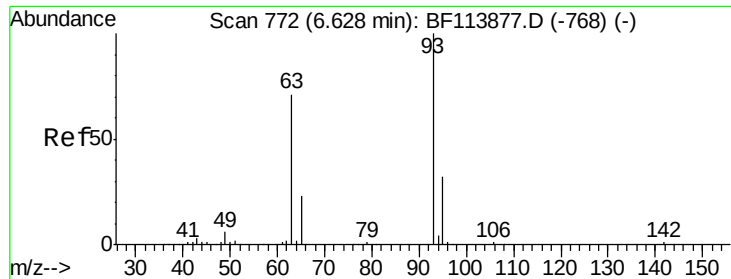
65 26.5 8.1 48.1

66 35.2 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





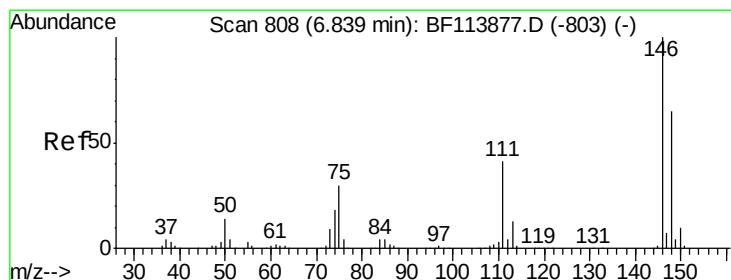
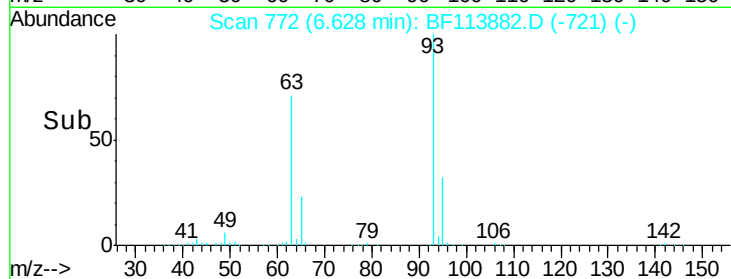
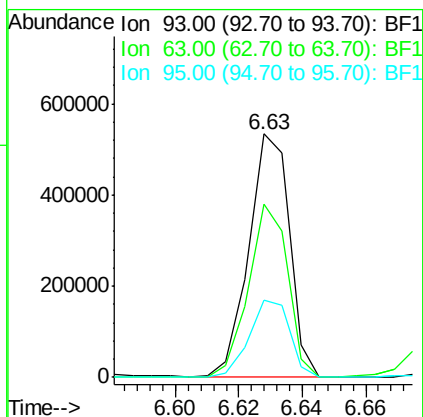
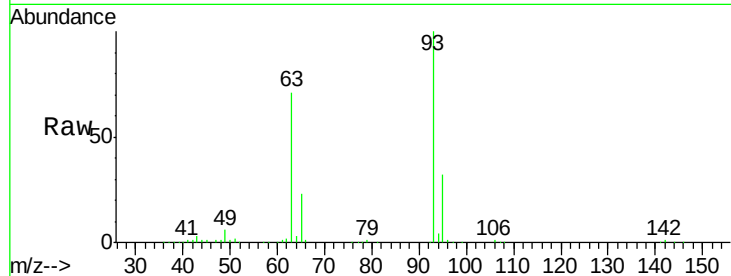
#11
bis(2-Chloroethyl)ether
Concen: 40.610 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion:	93	Resp:	476034
Ion	Ratio	Lower	Upper
93	100		
63	70.9	50.7	90.7
95	31.7	12.3	52.3

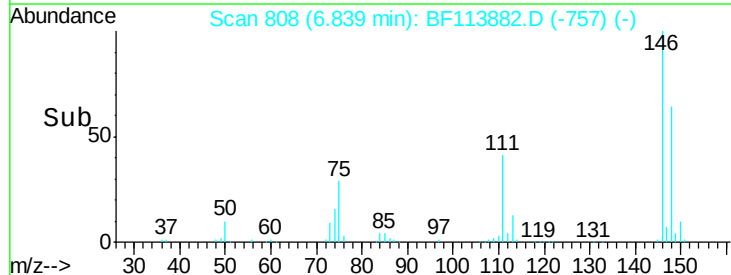
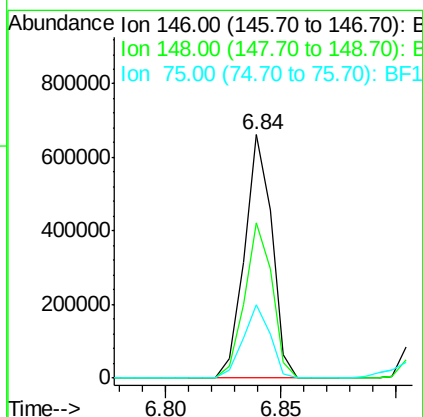
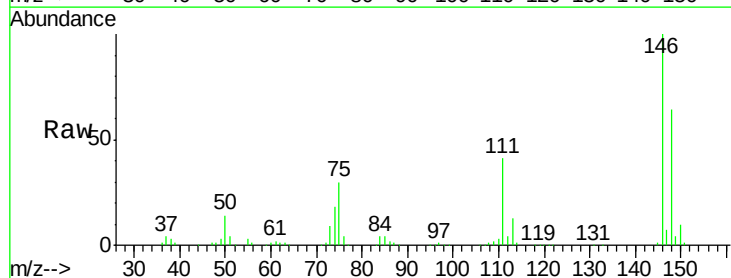
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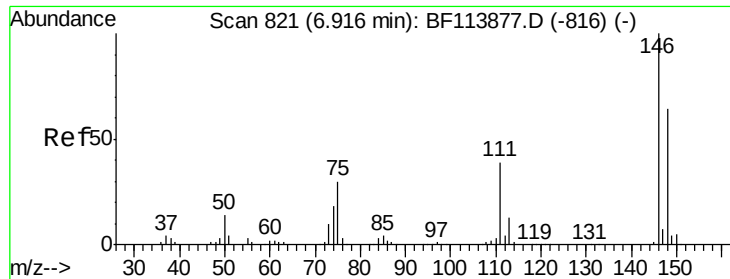
Sohil
4/23/2019 4:07:55 PM



#12
1,3-Dichlorobenzene
Concen: 40.791 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion:	146	Resp:	547657
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
75	30.1	23.8	35.8





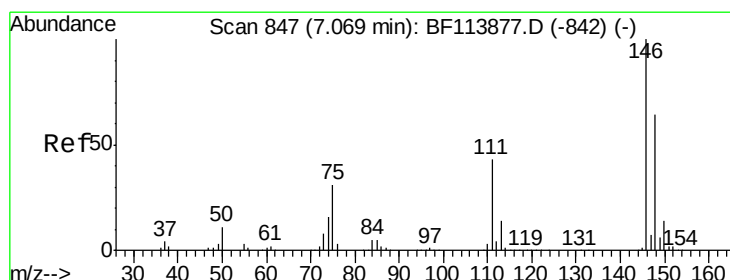
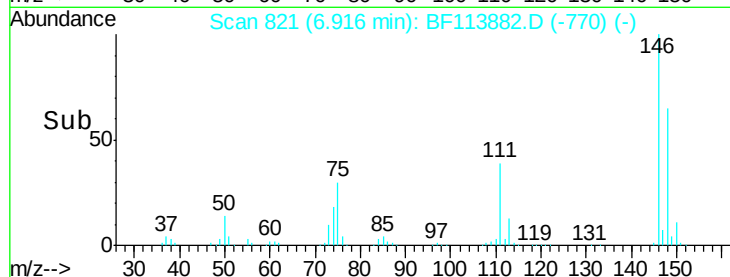
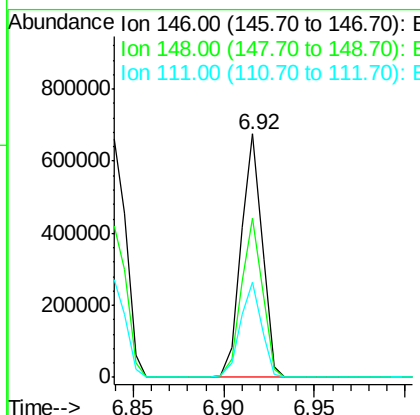
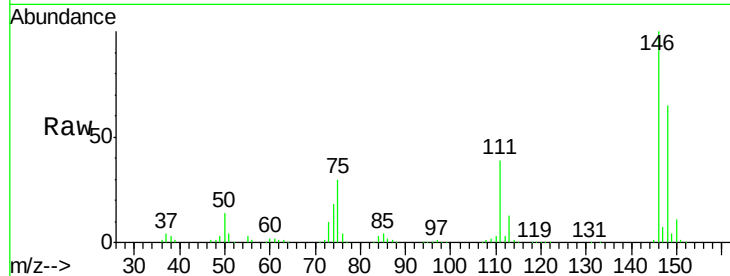
#13
 1,4-Dichlorobenzene
 Concen: 40.394 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042219

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	545482		
148	65.4	51.8	77.8	
111	39.2	30.9	46.3	

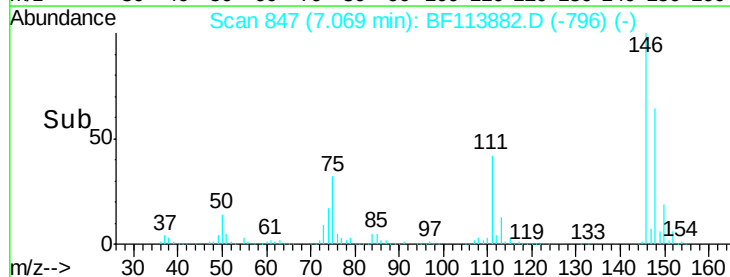
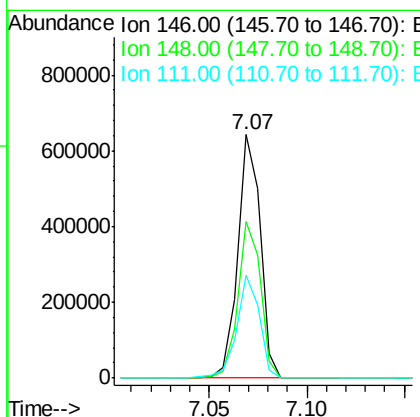
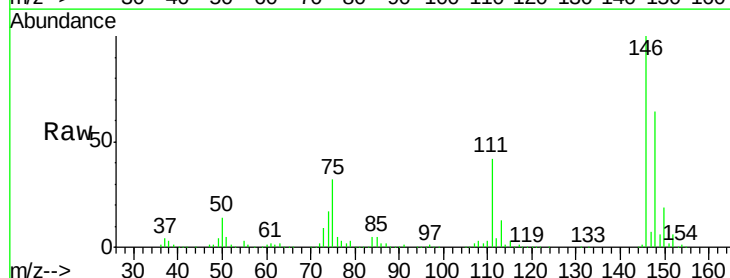
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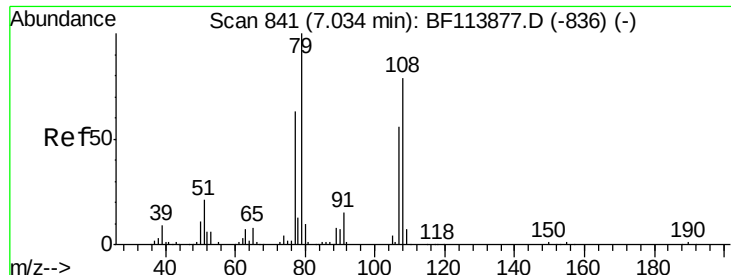
Sohil
 4/23/2019 4:07:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.302 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	512585		
148	64.2	52.1	78.1	
111	42.3	34.2	51.4	





#15

Benzyl Alcohol

Concen: 42.161 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

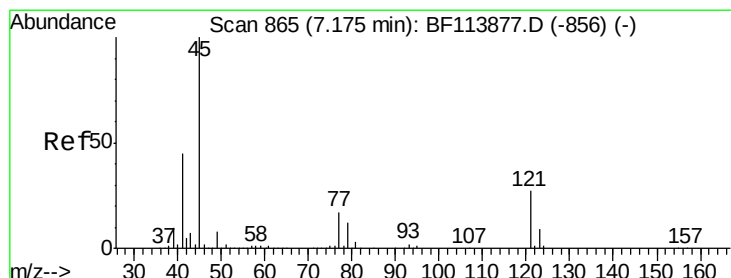
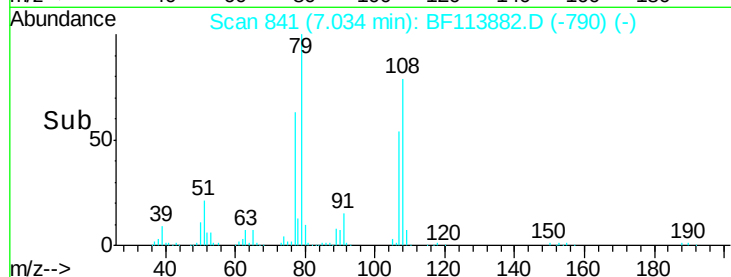
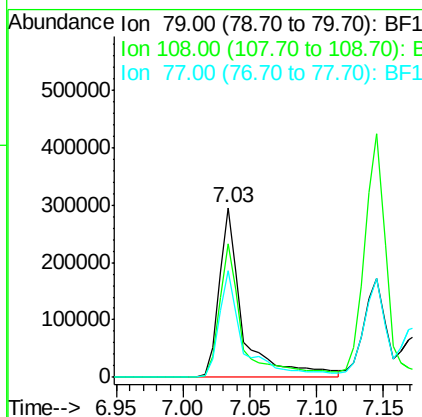
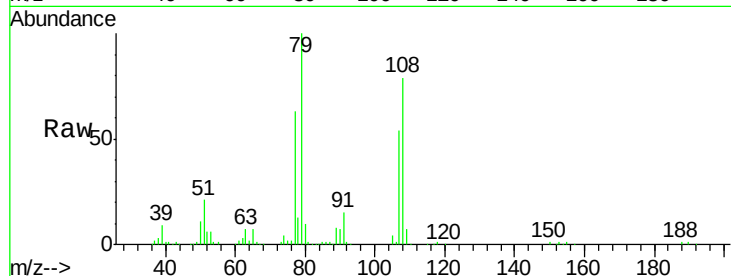
ClientSampleId :

ICVBF042219

Tgt Ion:	79	Resp:	369905
Ion Ratio	Lower	Upper	
79	100		
108	78.9	61.4	92.0
77	62.9	51.6	77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.735 ng

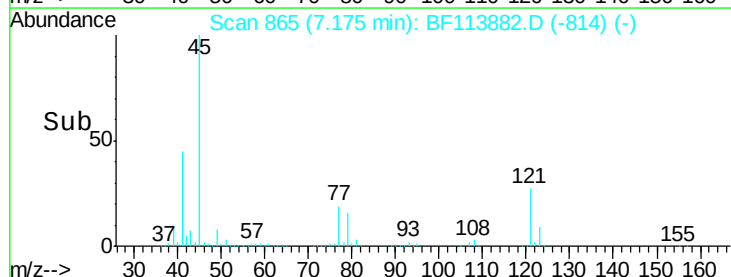
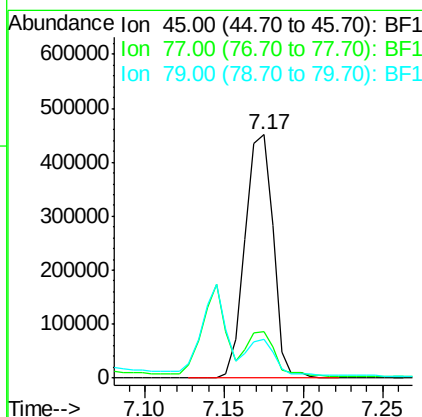
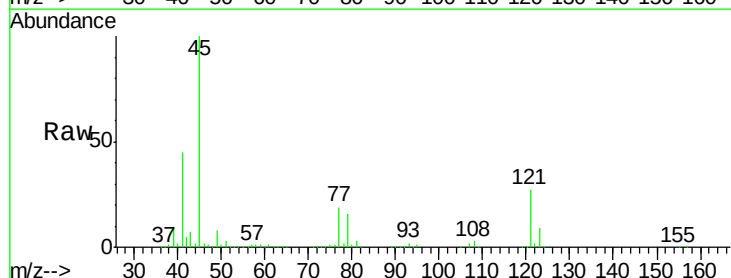
RT: 7.17 min Scan# 865

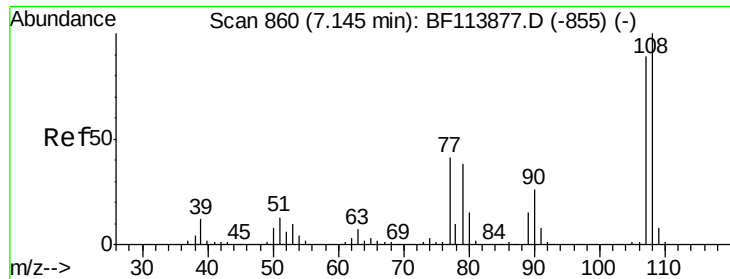
Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Tgt Ion:	45	Resp:	557401
Ion Ratio	Lower	Upper	
45	100		
77	19.3	0.0	37.0
79	16.0	0.0	32.7





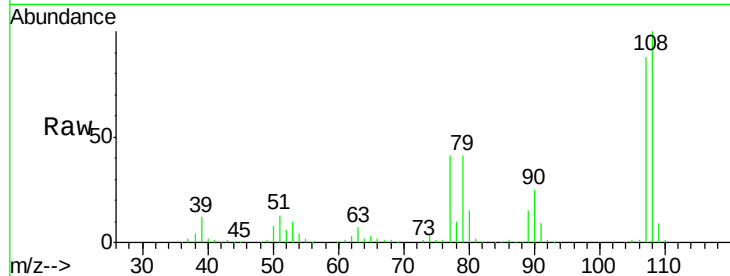
#17
2-Methylphenol
Concen: 40.619 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

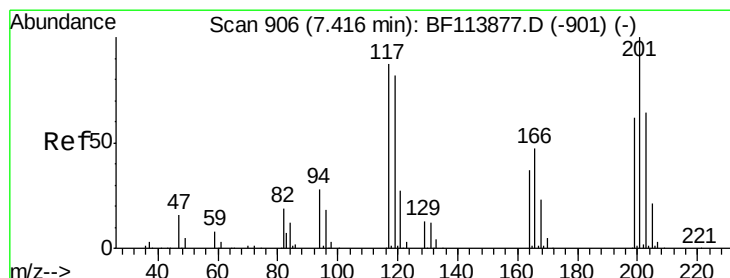
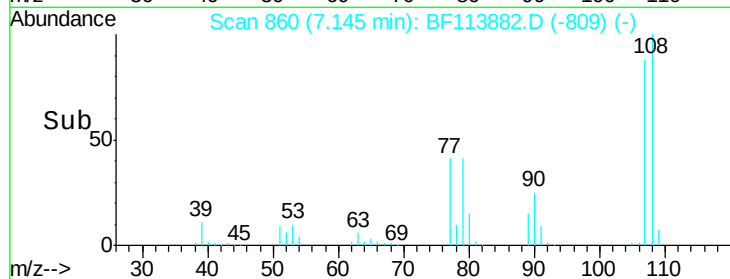
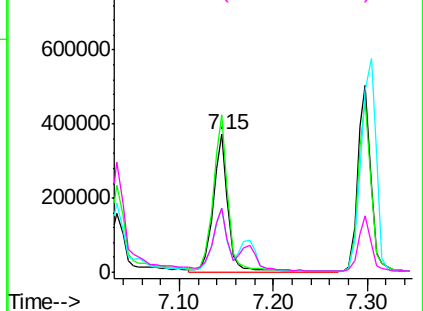
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	422084		
108	114.0	91.5	137.3	
77	46.6	36.2	54.4	
79	46.6	35.4	53.0	

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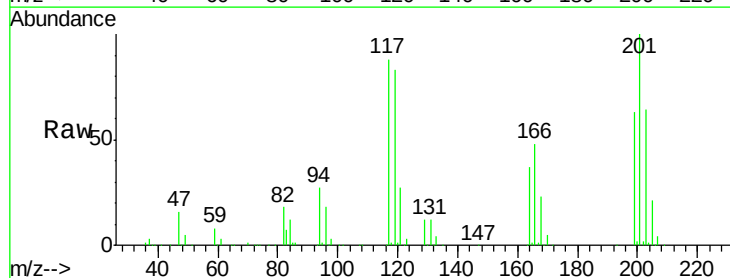


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

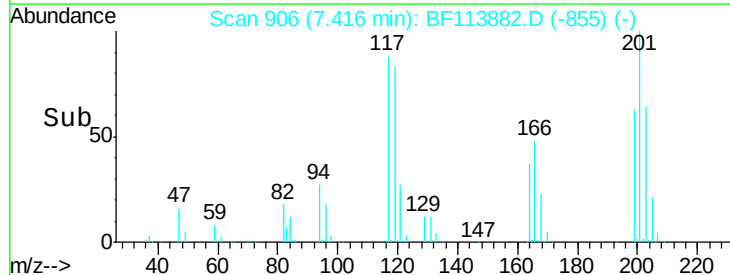
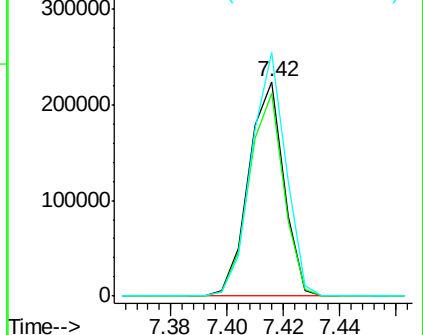


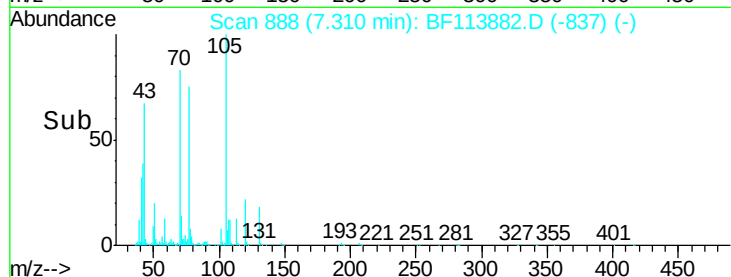
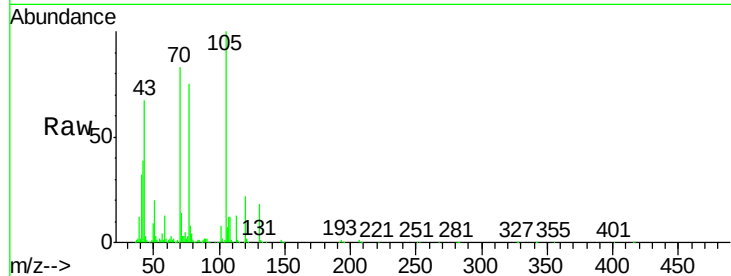
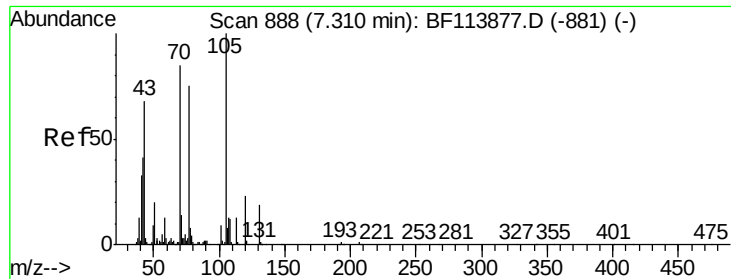
#18
Hexachloroethane
Concen: 40.861 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	193428		
119	94.6	74.4	111.6	
201	113.7	90.2	135.2	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





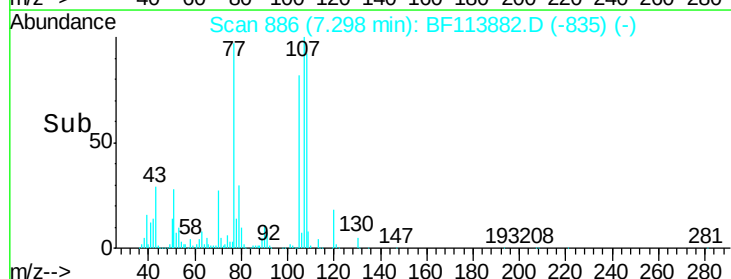
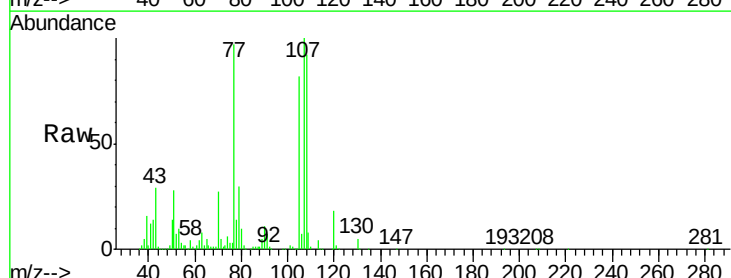
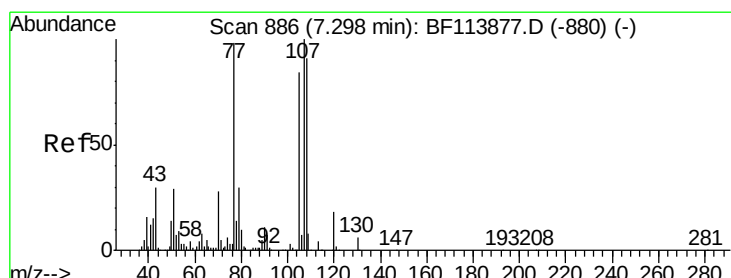
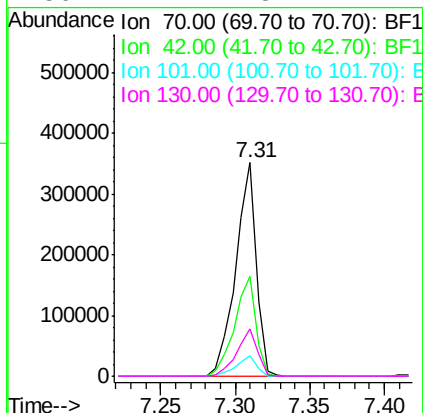
#19
n-Nitroso-di-n-propylamine
Concen: 40.303 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.0	37.3	55.9
101	9.7	7.8	11.8
130	22.1	18.2	27.2

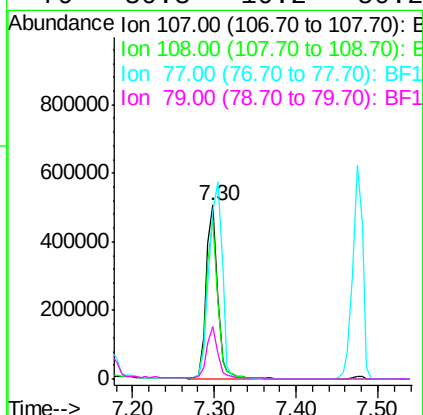
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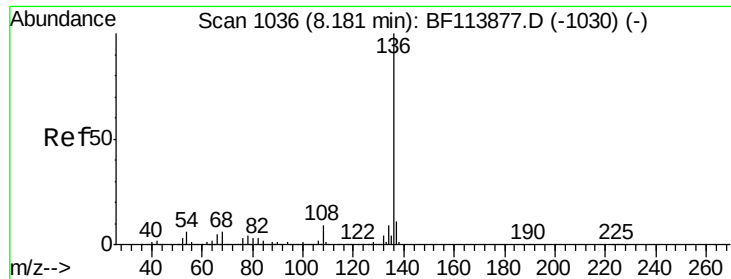
Sohil
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#20
3+4-Methylphenols
Concen: 41.976 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.1	110.1
77	96.9	52.9	92.9
79	30.3	10.2	50.2





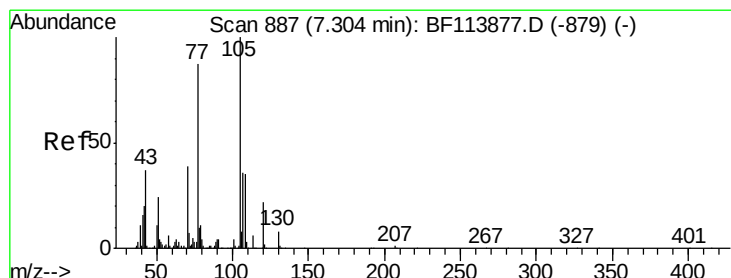
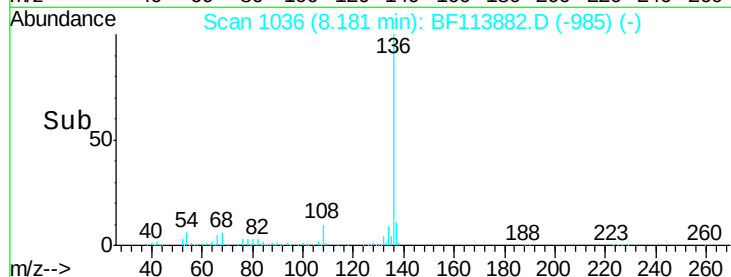
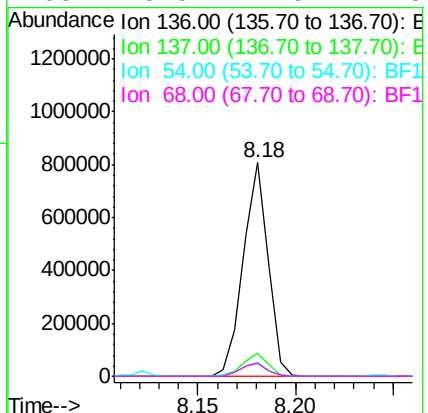
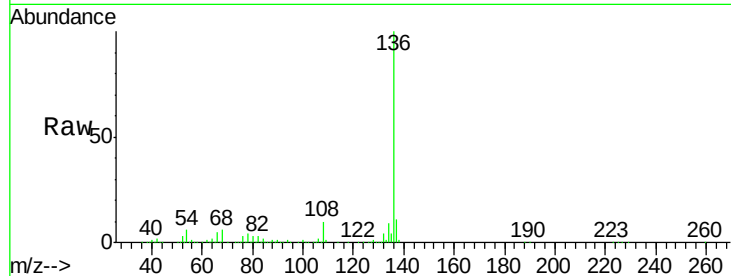
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	711322		
137	10.6	8.6	12.8	
54	6.3	5.0	7.6	
68	6.0	4.9	7.3	

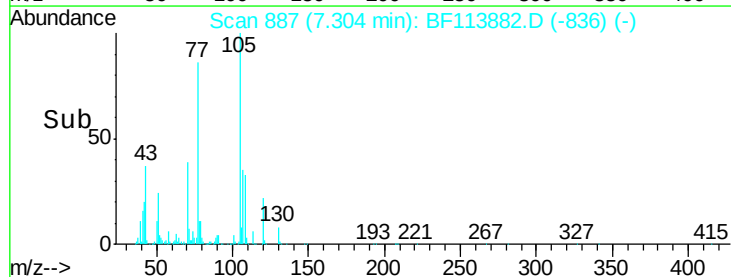
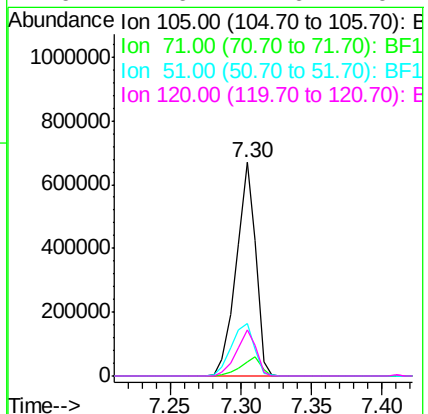
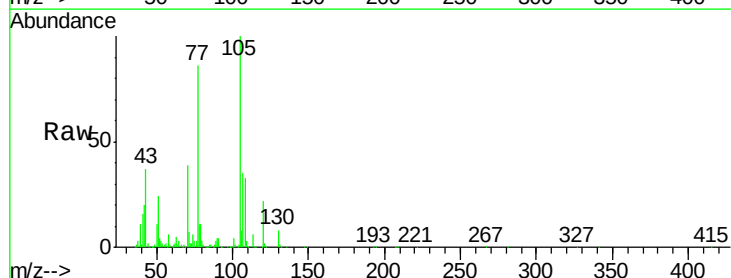
Manual Integrations
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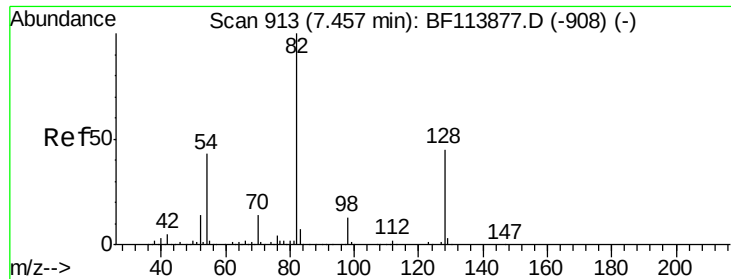
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#22
Acetophenone
Concen: 40.427 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	639931		
71	6.8	6.1	9.1	
51	24.4	16.8	25.2	
120	21.6	17.6	26.4	





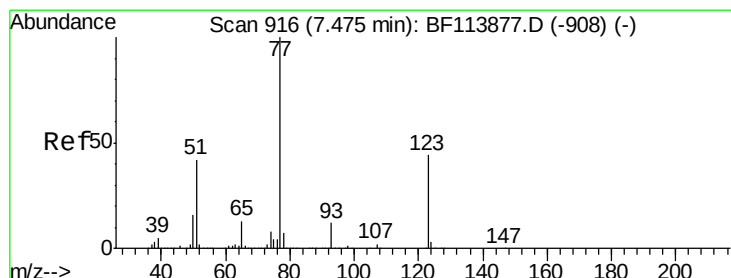
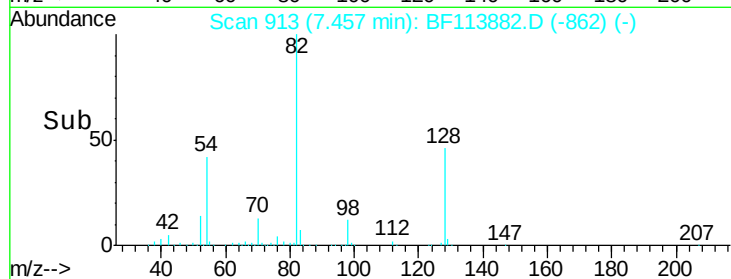
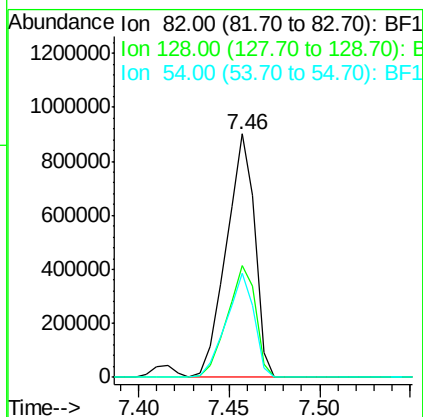
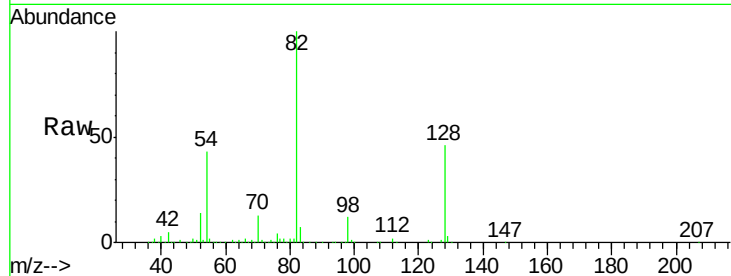
#23
 Nitrobenzene-d5
 Concen: 84.906 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042219

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.8	55.2
54	42.5	33.8	50.6

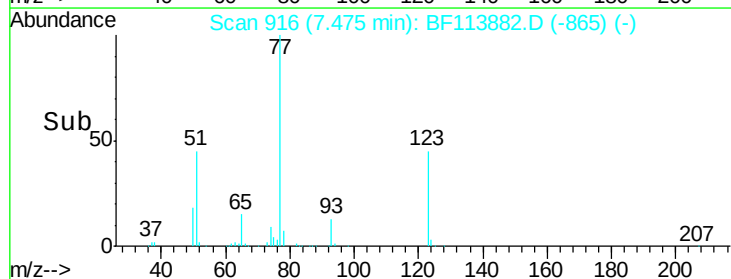
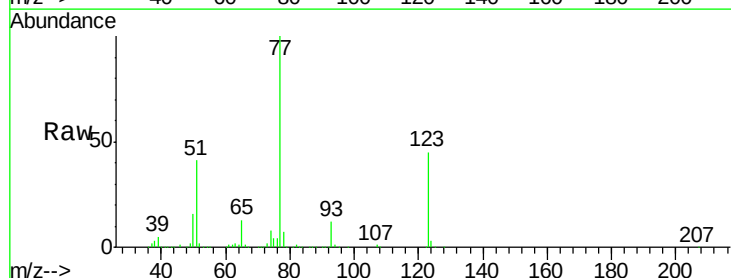
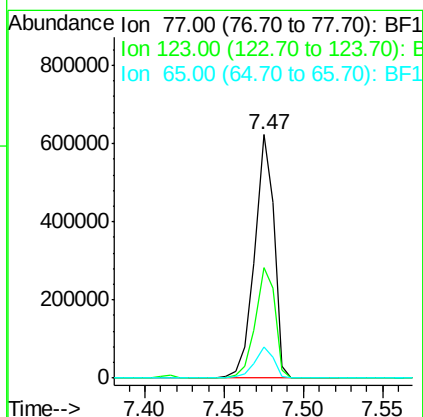
Manual Integrations
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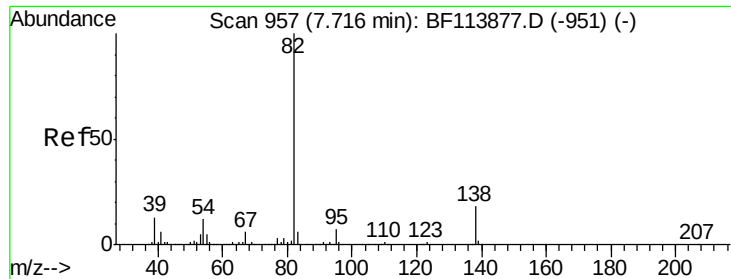
Sohil
 4/23/2019 4:07:55 PM



#24
 Nitrobenzene
 Concen: 41.533 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	36.3	54.5
65	12.7	10.3	15.5





#25

Isophorone

Concen: 39.922 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

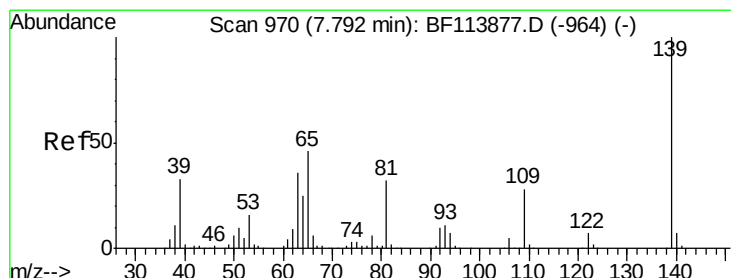
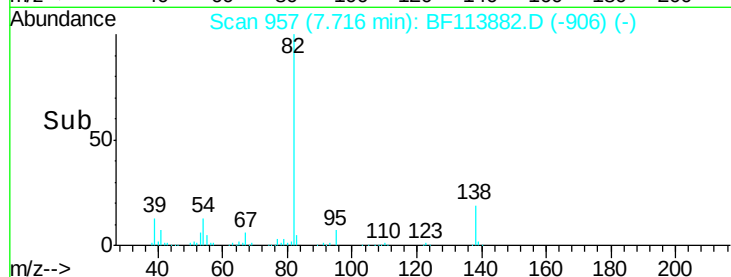
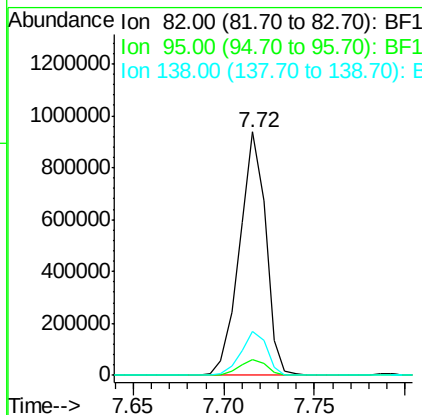
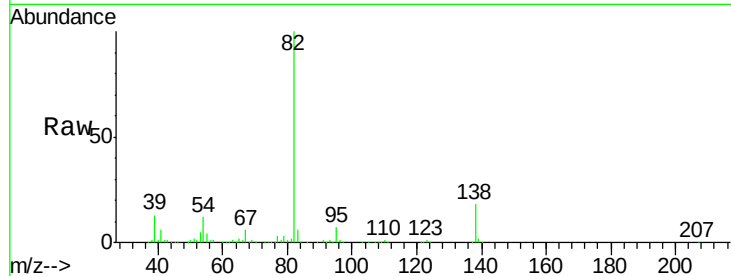
ClientSampleId :

ICVBF042219

Tgt Ion:	82	Resp:	941073
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	18.2	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.384 ng

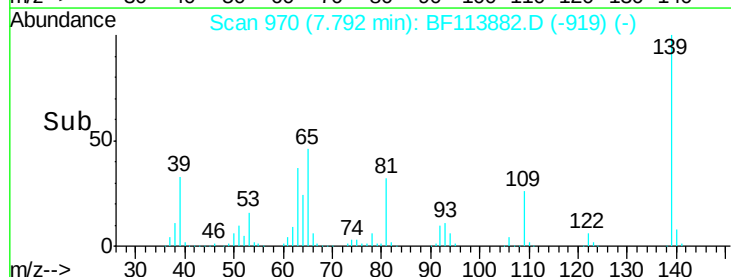
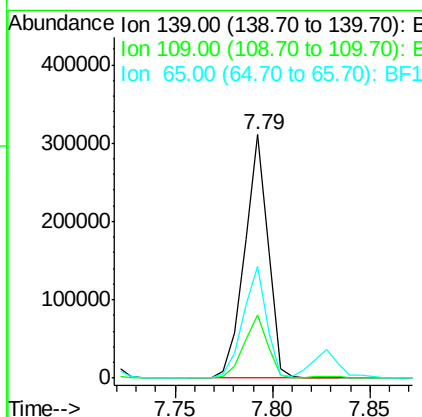
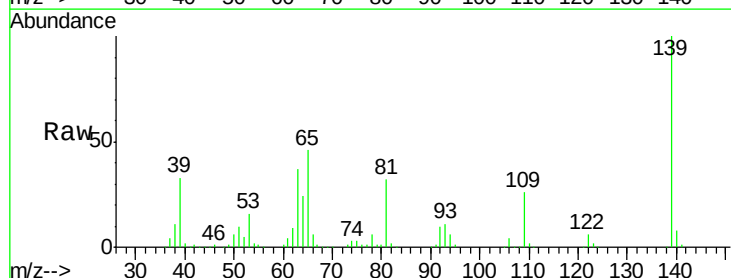
RT: 7.79 min Scan# 970

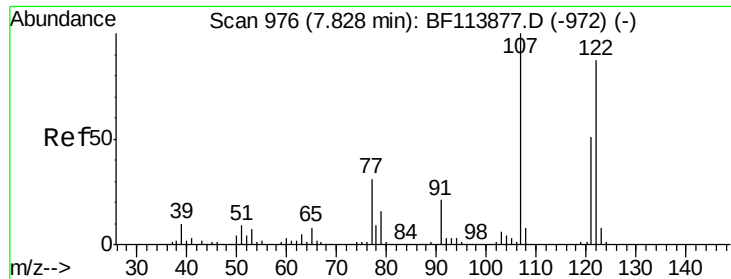
Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Tgt Ion:	139	Resp:	257751
Ion Ratio	Lower	Upper	
139	100		
109	26.1	20.6	31.0
65	45.9	34.6	52.0





#27

2,4-Dimethylphenol

Concen: 40.398 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

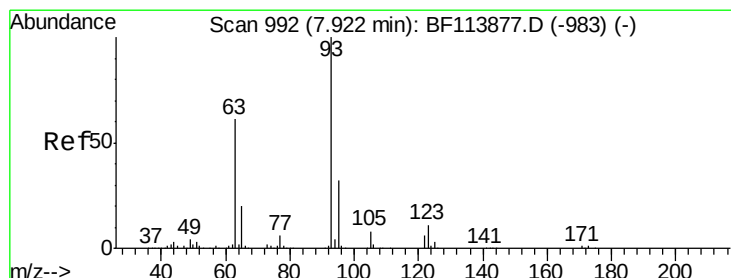
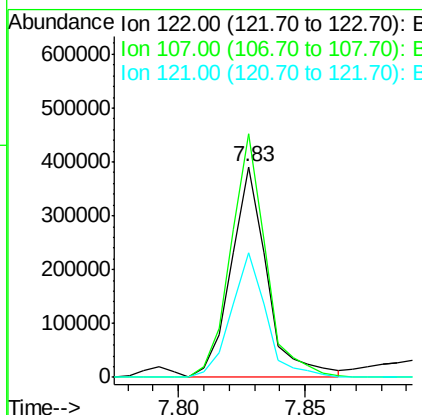
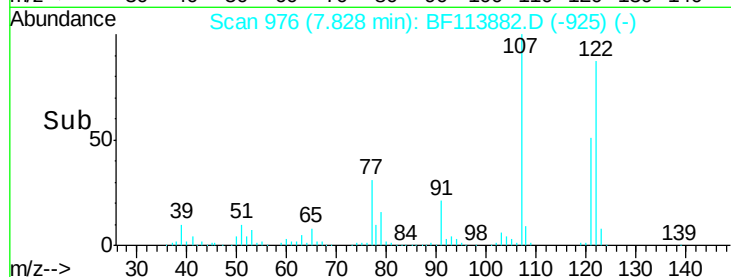
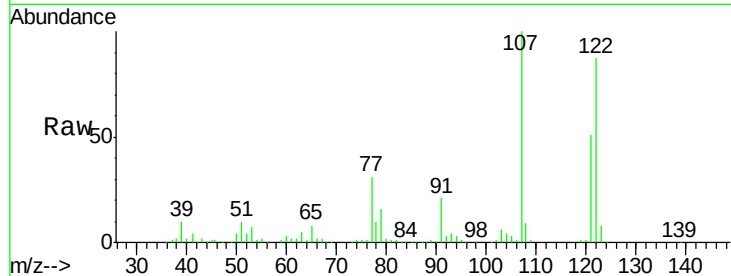
ClientSampleId :

ICVBF042219

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	382235		
107	115.4	91.2	136.8	
121	59.2	46.4	69.6	

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 40.037 ng

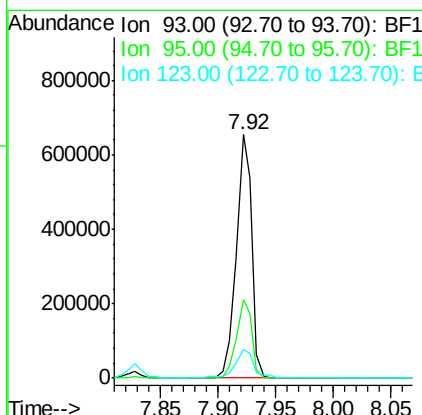
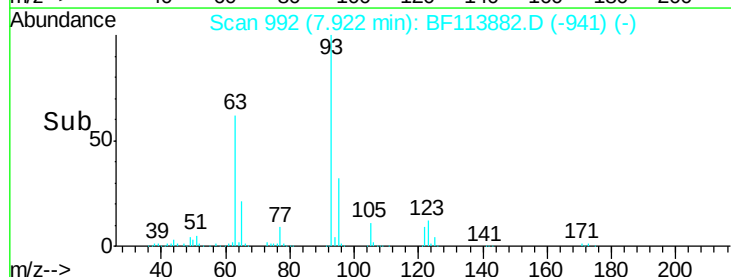
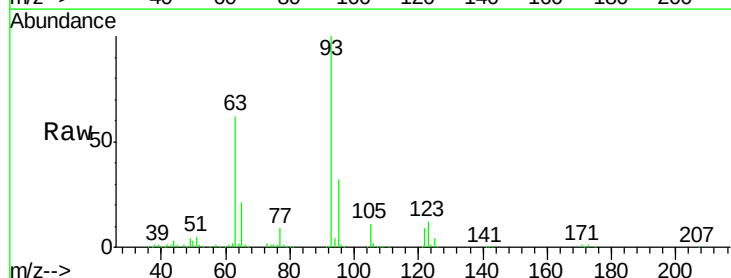
RT: 7.92 min Scan# 992

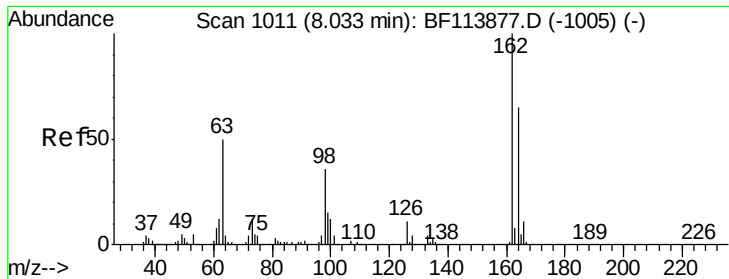
Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	601395		
95	32.3	25.8	38.6	
123	11.6	9.0	13.6	





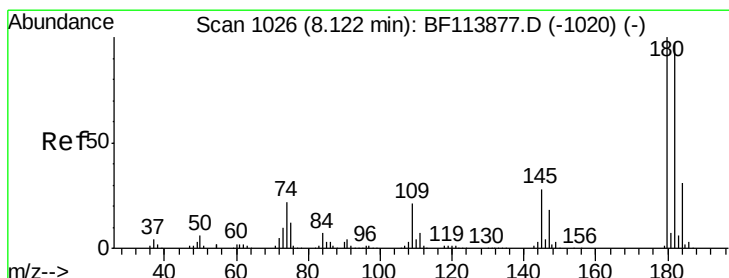
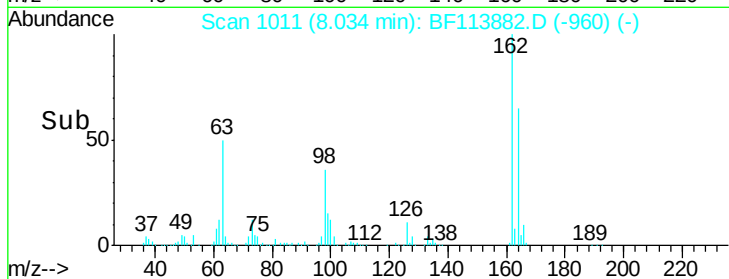
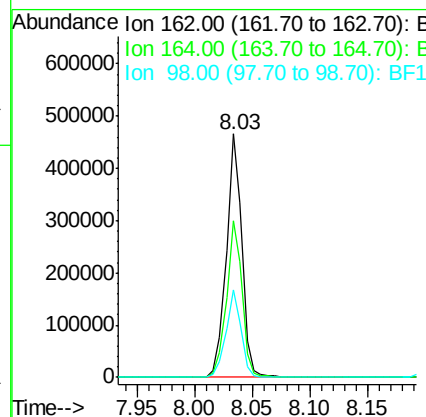
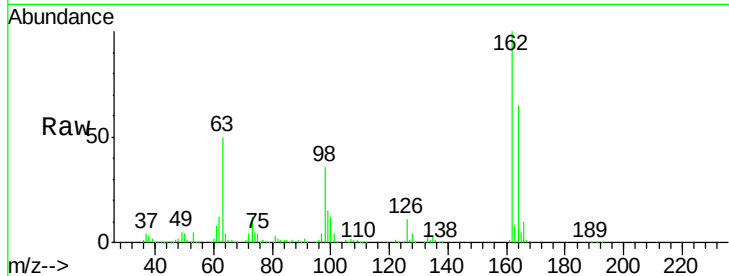
#29
2,4-Dichlorophenol
Concen: 40.216 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	435131		
164	64.5	43.7	83.7	
98	36.0	15.5	55.5	

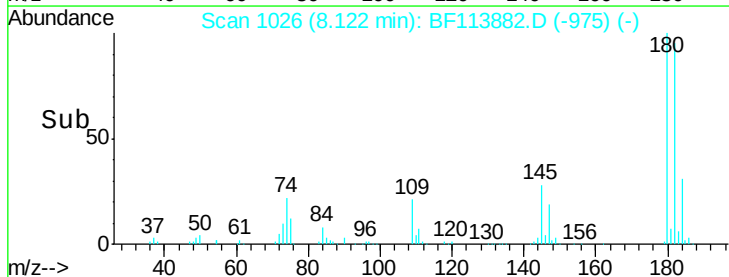
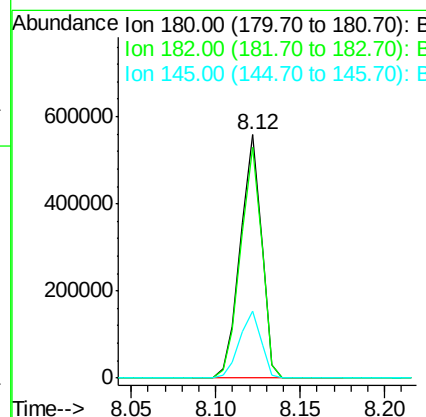
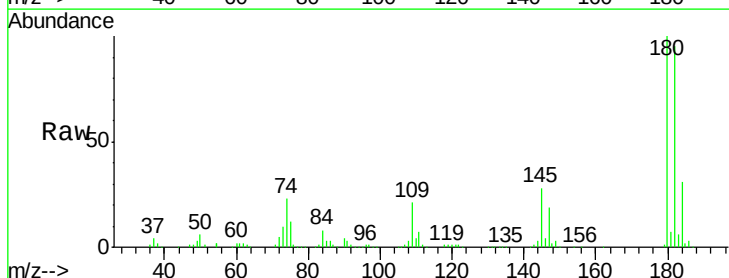
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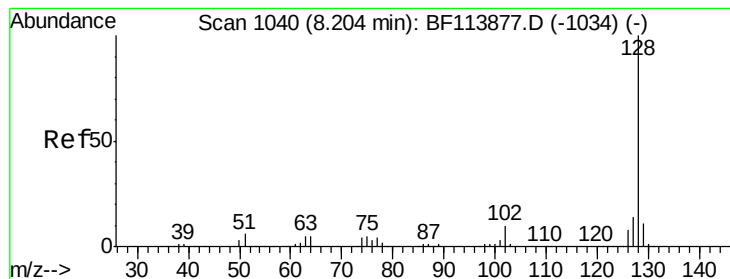
Sohil
4/23/2019 4:07:55 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.370 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	487036		
182	94.8	75.4	113.0	
145	27.7	23.0	34.4	





#31

Naphthalene

Concen: 40.977 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

ClientSampleId :

ICVBF042219

Tgt Ion:128 Resp: 1384697

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

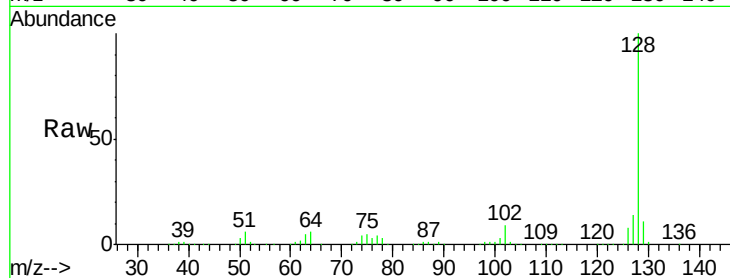
127 13.6 10.8 16.2

Manual Integrations

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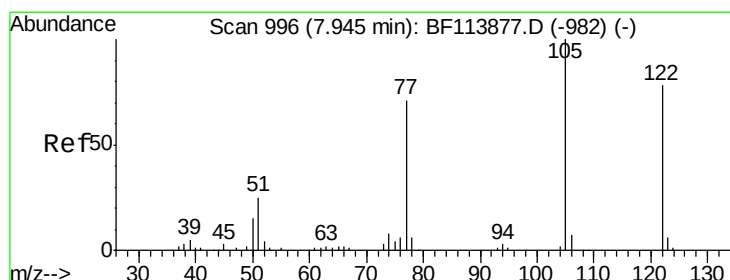
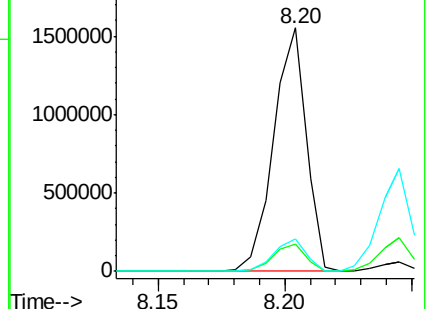
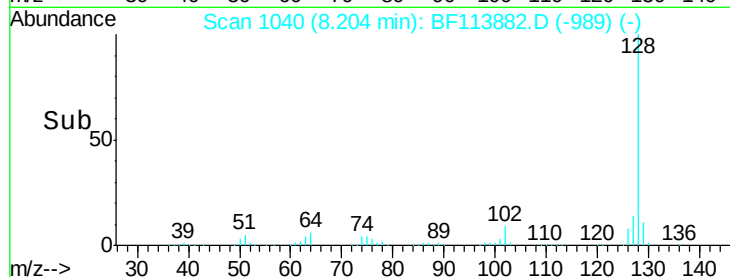
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.809 ng m

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

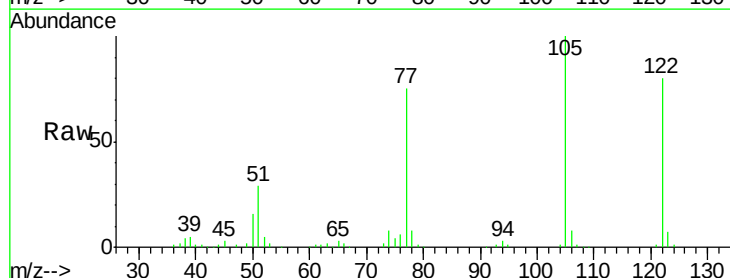
Tgt Ion:122 Resp: 292703

Ion Ratio Lower Upper

122 100

105 124.4 104.3 144.3

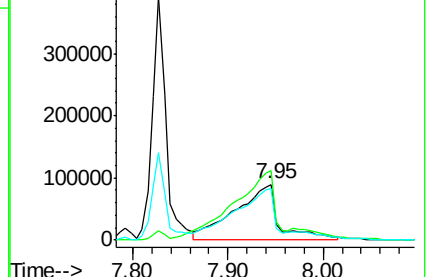
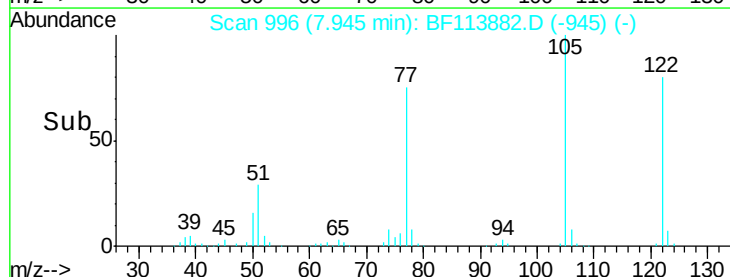
77 93.2 70.4 110.4

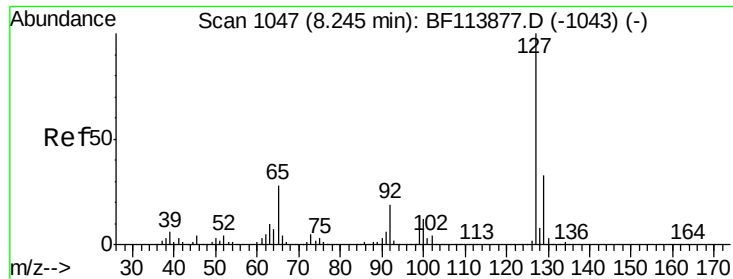


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





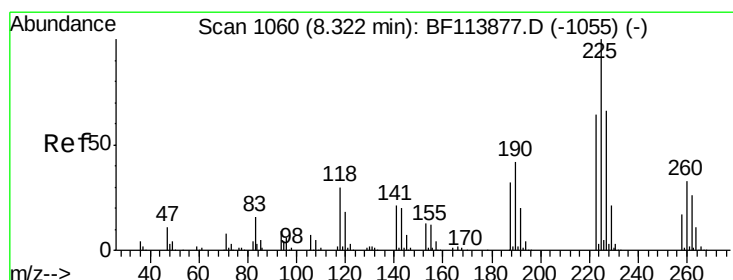
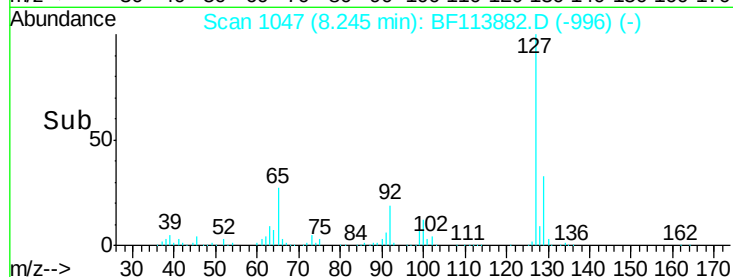
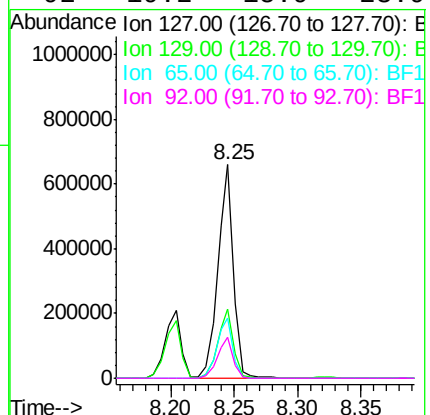
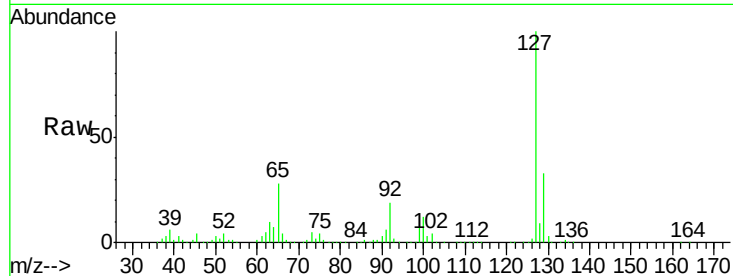
#33
4-Chloroaniline
Concen: 39.885 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	570291		
129	32.6	26.4	39.6	
65	27.9	24.9	37.3	
92	19.2	15.9	23.9	

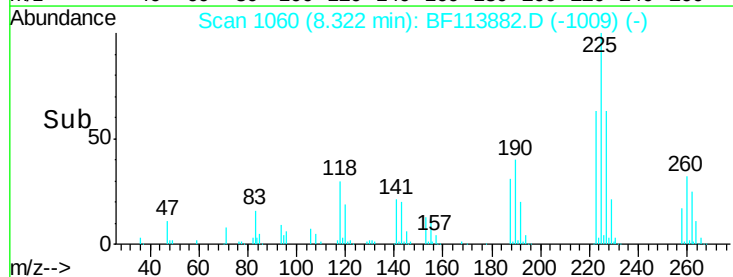
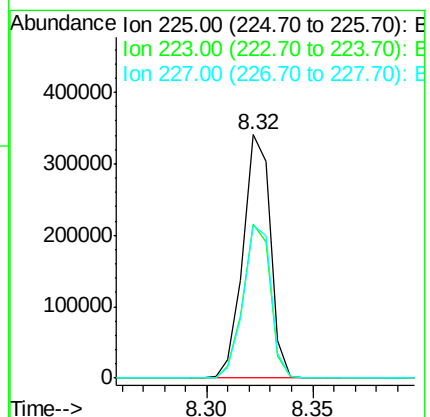
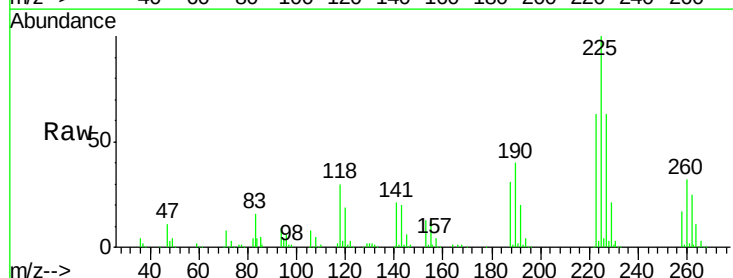
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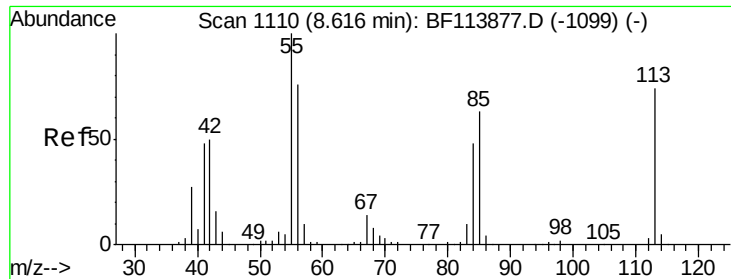
Sohil
4/23/2019 4:07:55 PM



#34
Hexachlorobutadiene
Concen: 40.502 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	304602		
223	63.5	51.1	76.7	
227	62.5	49.9	74.9	





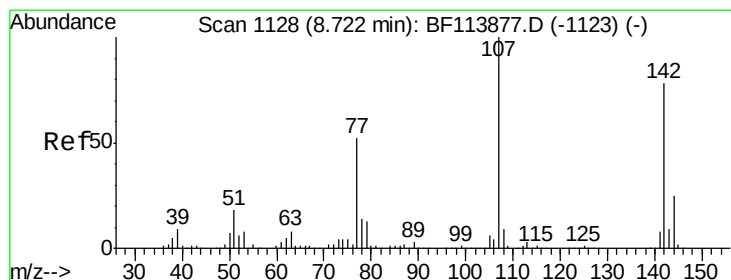
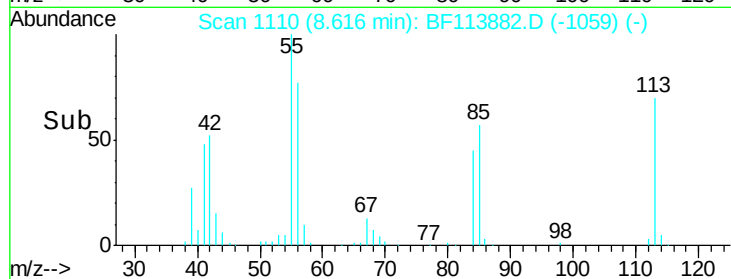
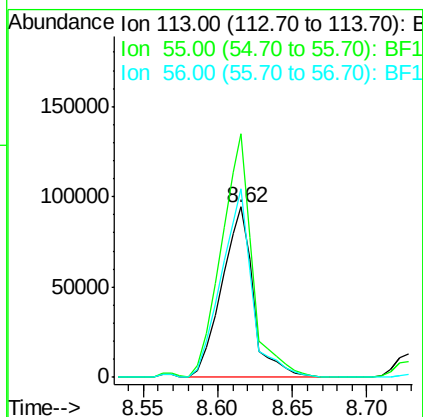
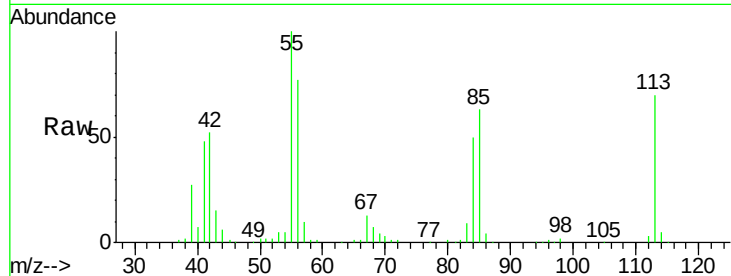
#35
 Caprolactam
 Concen: 40.636 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042219

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	142.8	139865	128.6	168.6
56	110.4		91.9	131.9

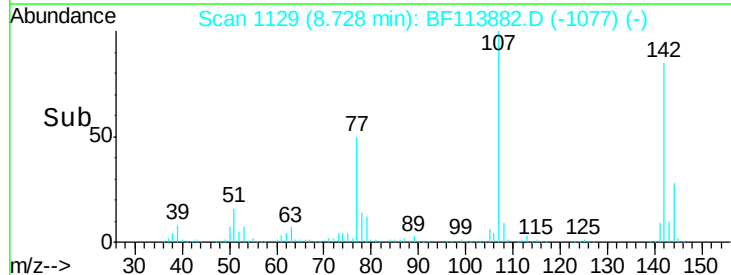
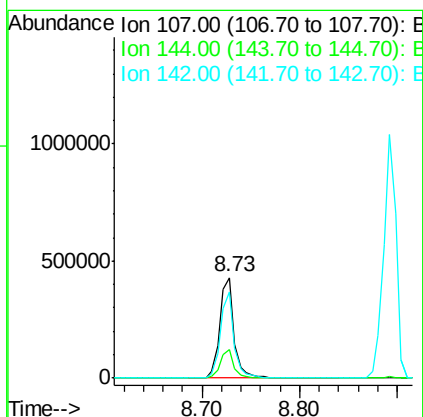
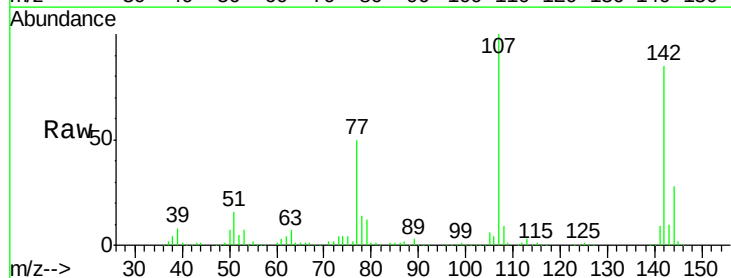
Manual Integrations
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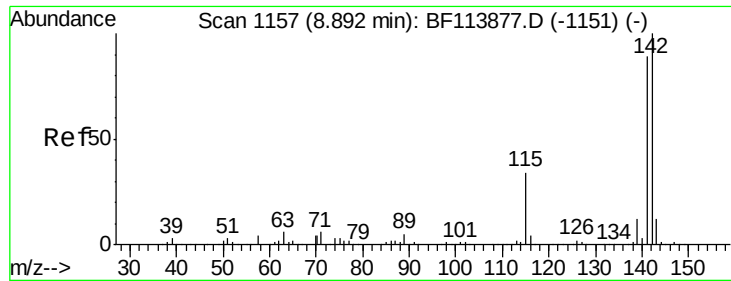
Sohil
 4/23/2019 4:07:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.573 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	434922		
144	27.8		20.5	30.7
142	85.2		64.2	96.4





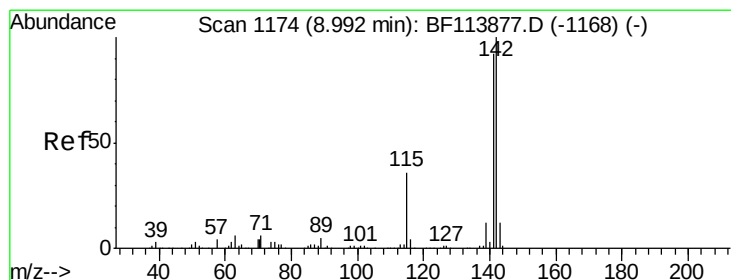
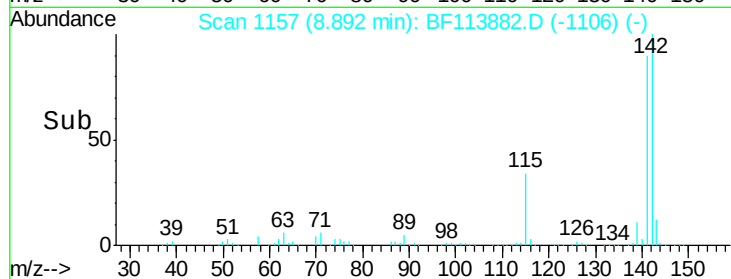
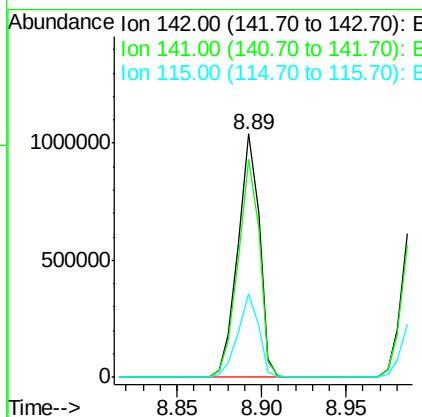
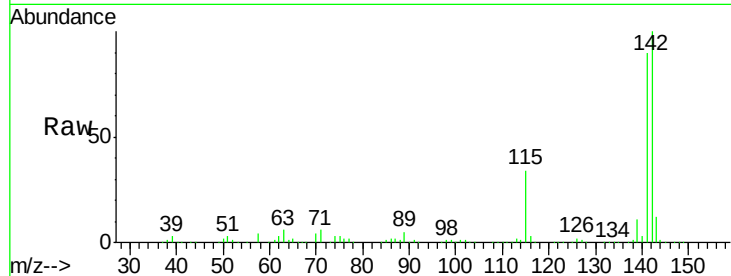
#37
2-Methylnaphthalene
Concen: 40.551 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.4	105.6
115	34.4	26.3	39.5

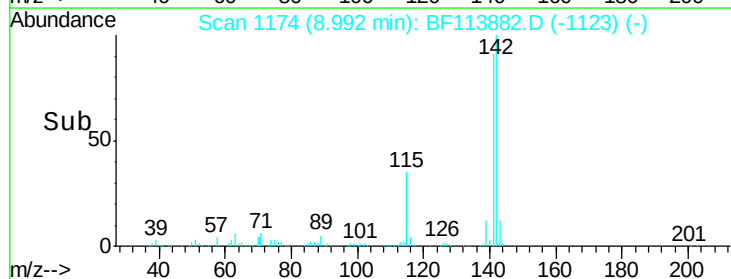
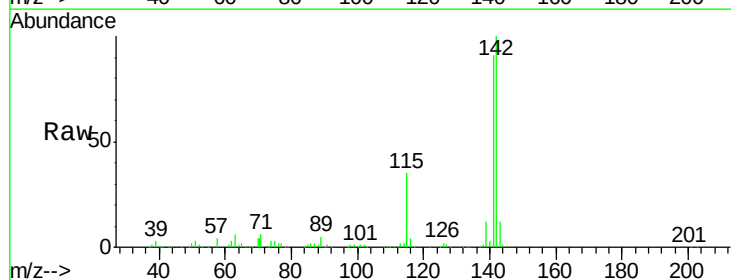
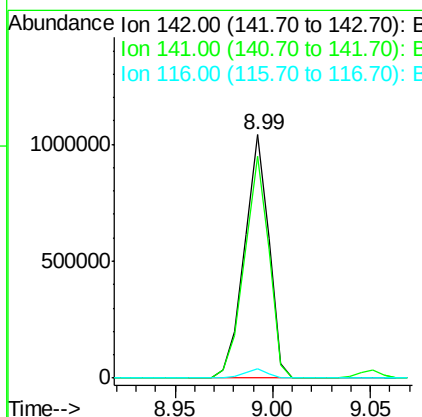
Manual Integrations
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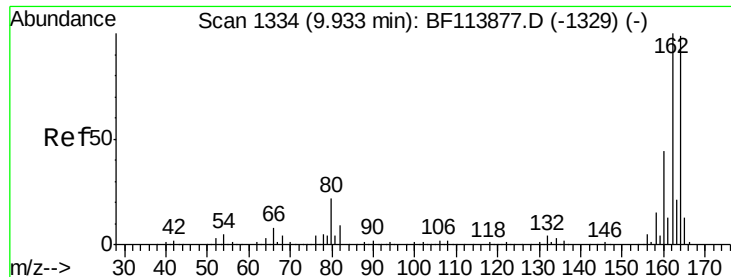
Sohil
4/23/2019 4:07:55 PM



#38
1-Methylnaphthalene
Concen: 41.046 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.3	108.5
116	3.6	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

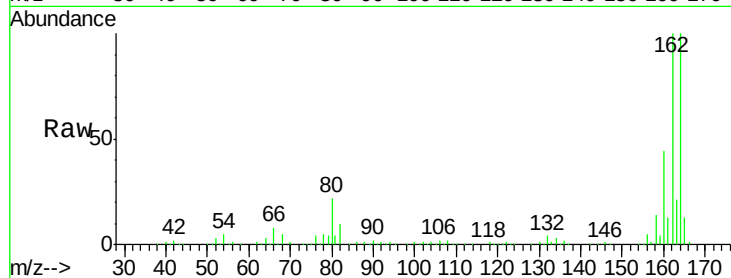
ClientSampleId :

ICVBF042219

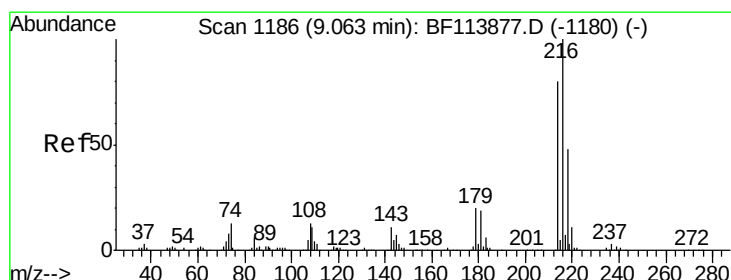
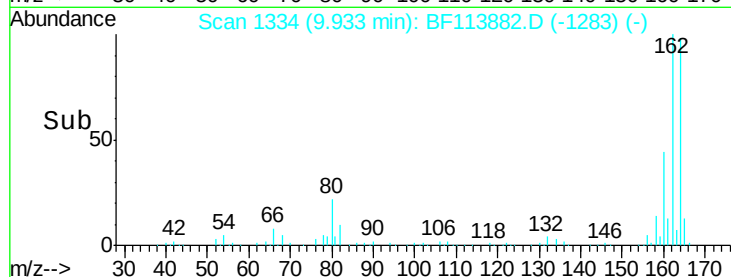
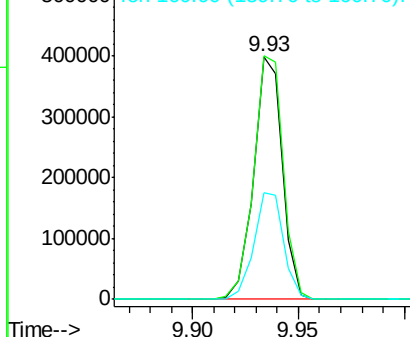
Tgt Ion:	164	Resp:	375818
Ion Ratio	Lower	Upper	
164	100		
162	100.4	81.1	121.7
160	43.7	35.8	53.6

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: 40.947 ng

RT: 9.06 min Scan# 1186

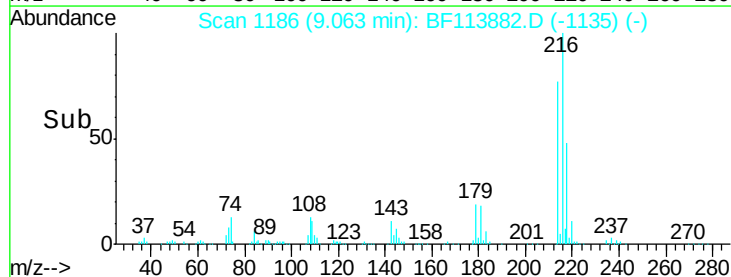
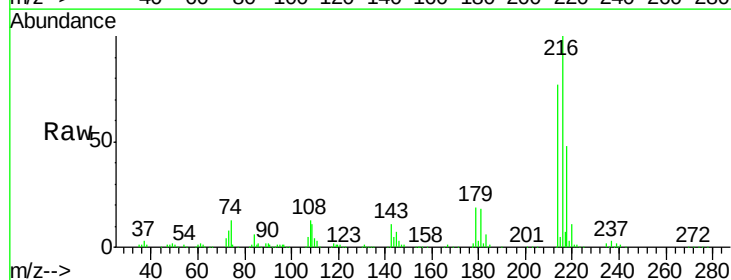
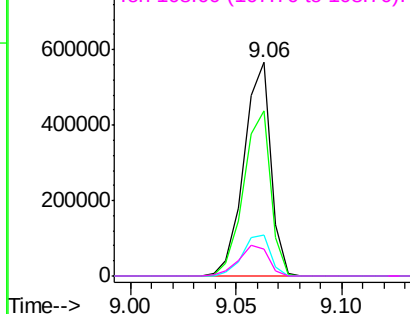
Delta R.T. 0.00 min

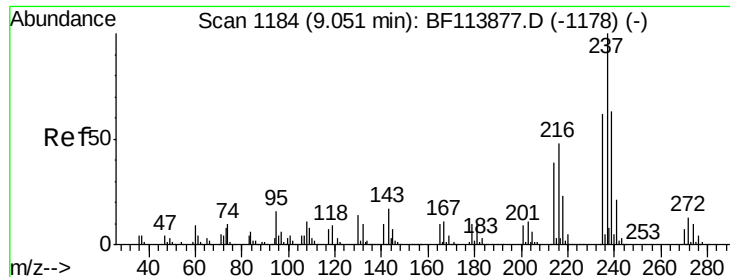
Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Tgt Ion:	216	Resp:	499874
Ion Ratio	Lower	Upper	
216	100		
214	78.0	63.5	95.3
179	20.2	16.1	24.1
108	15.8	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





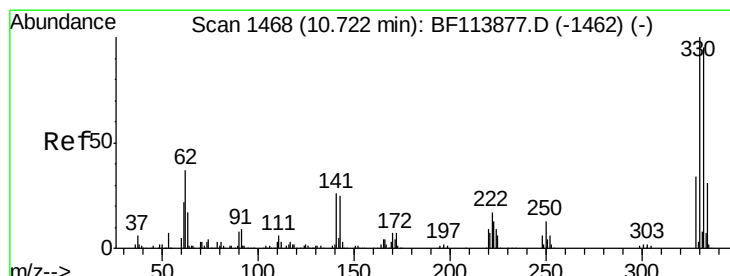
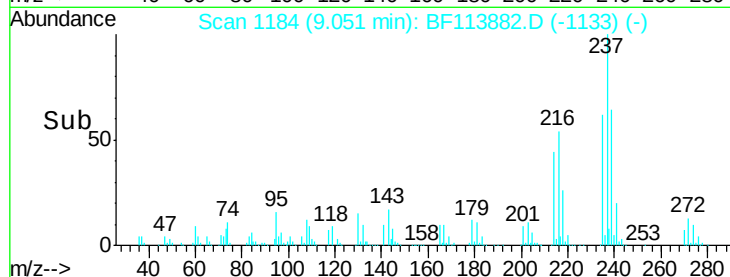
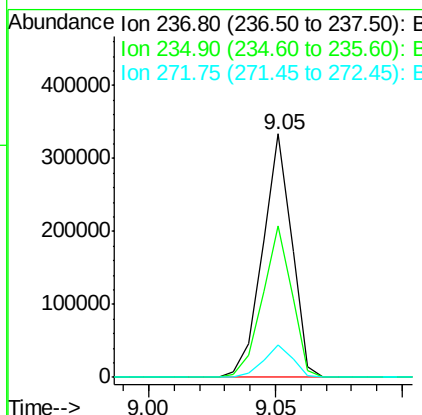
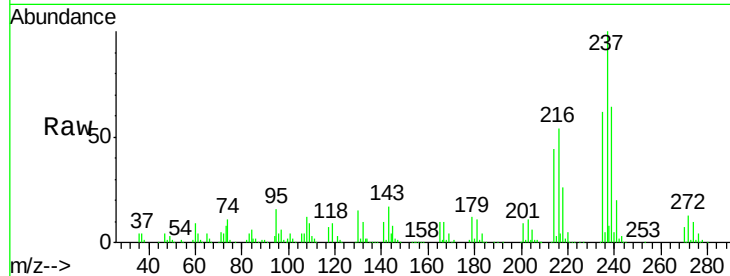
#41
Hexachlorocyclopentadiene
Concen: 39.713 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	270350		
235	62.0	42.6	82.6	
272	13.5	0.0	33.8	

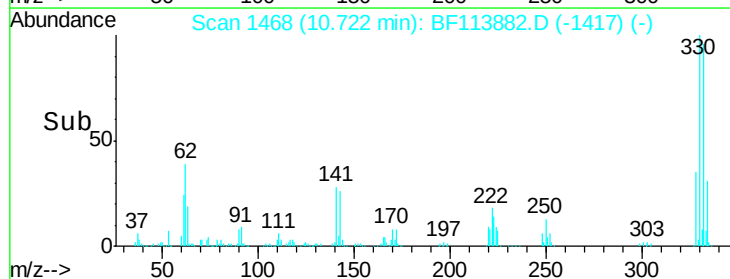
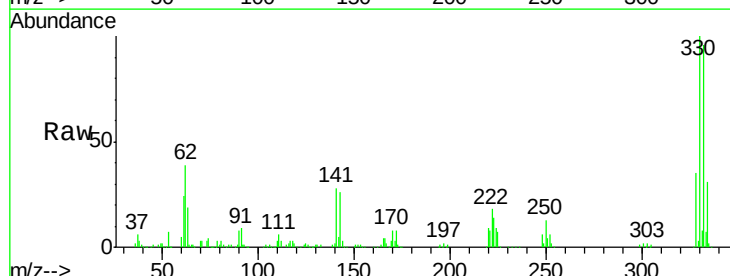
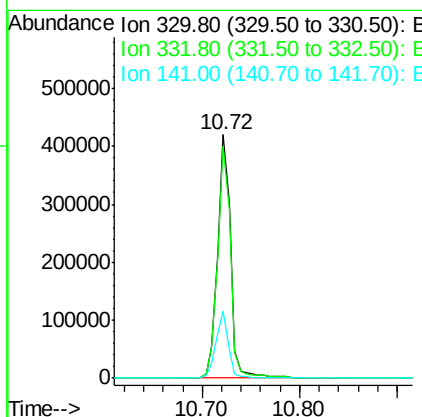
Manual Integrations
APPROVED

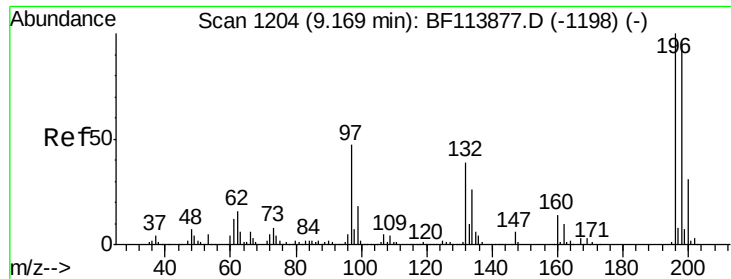
Sohil
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#42
2,4,6-Tribromophenol
Concen: 85.317 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	390599		
332	96.6	77.5	116.3	
141	26.2	22.2	33.2	





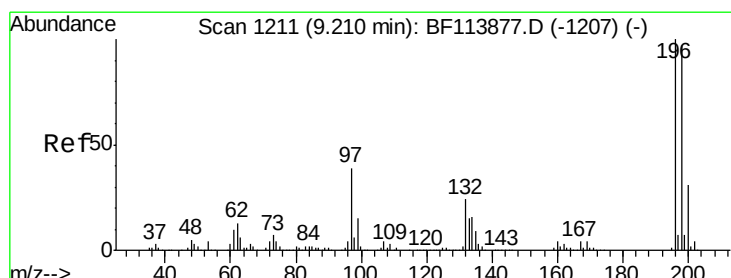
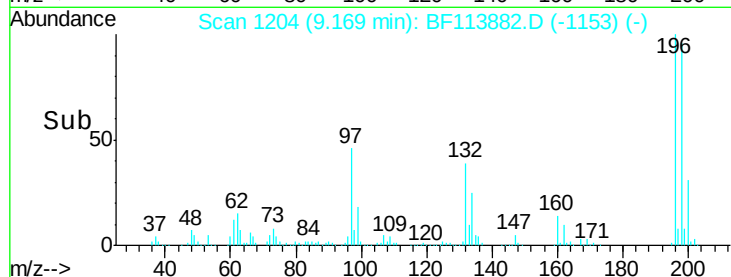
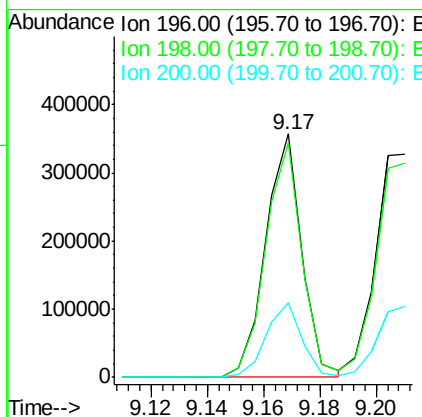
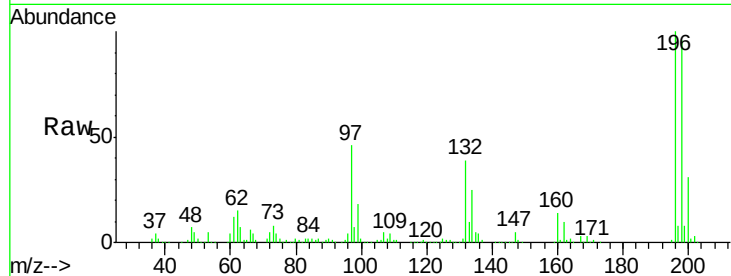
#43
 2,4,6-Trichlorophenol
 Concen: 40.885 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042219

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316932		
198	96.5	75.6	113.4	
200	30.6	24.7	37.1	

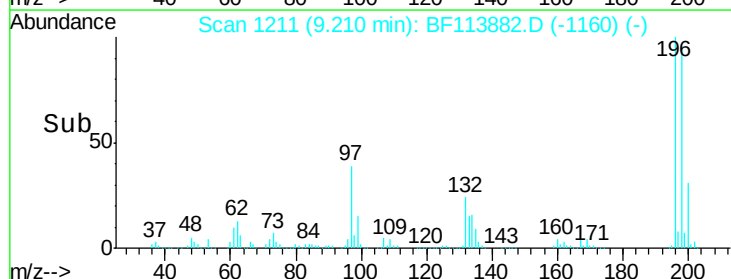
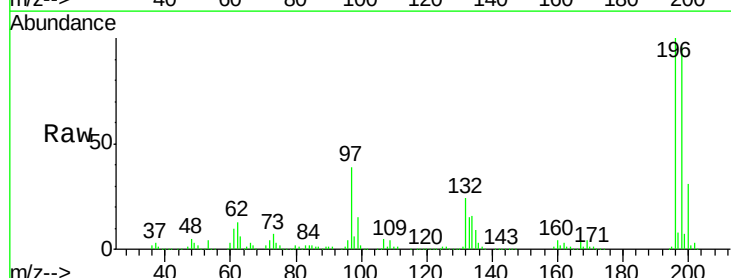
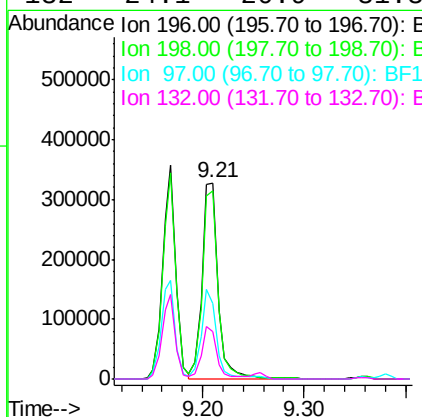
Manual Integrations
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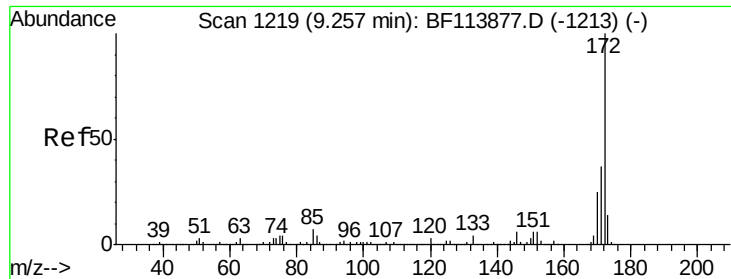
Sohil
 4/23/2019 4:07:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.060 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	357016		
198	95.9	76.2	114.4	
97	38.7	35.8	53.8	
132	24.1	20.9	31.3	





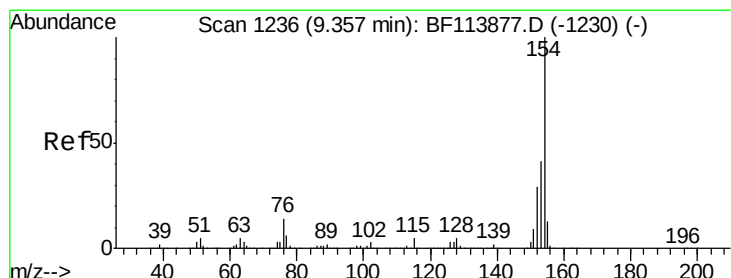
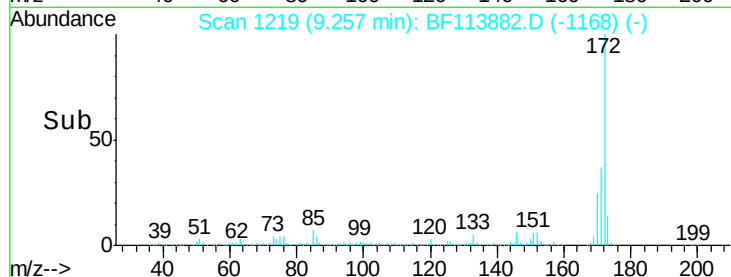
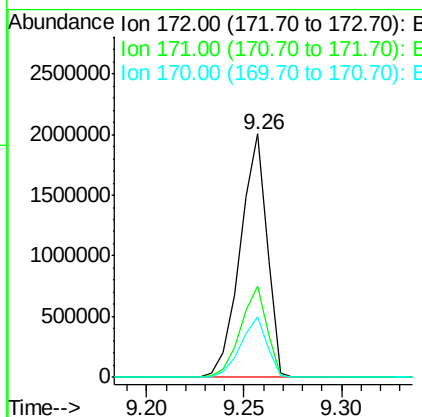
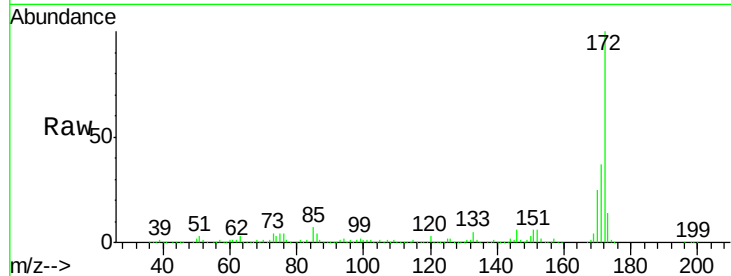
#45
2-Fluorobiphenyl
Concen: 79.299 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion:172 Resp: 1905474
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 25.1 19.9 29.9

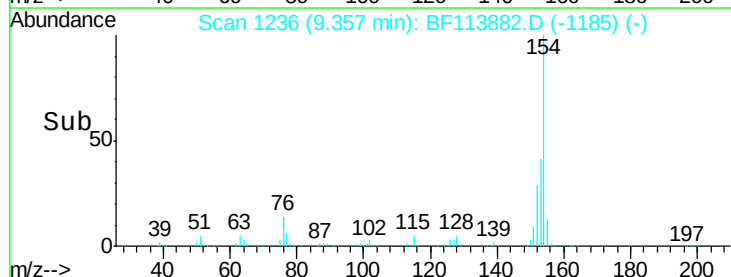
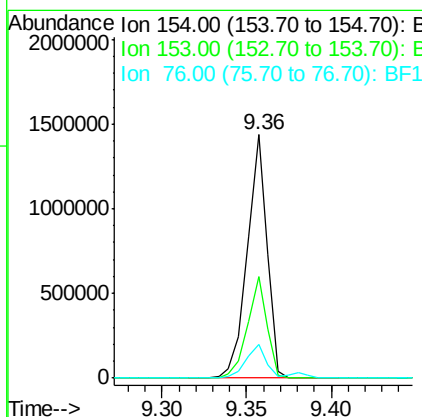
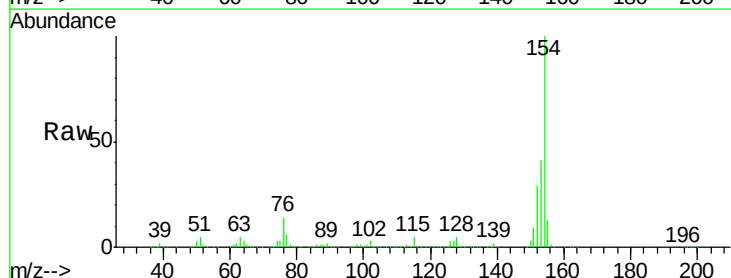
Manual Integrations
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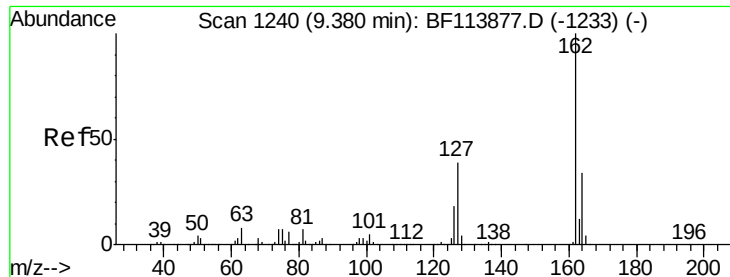
Sohil
4/23/2019 4:07:55 PM



#46
1,1'-Biphenyl
Concen: 41.211 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion:154 Resp: 1183159
Ion Ratio Lower Upper
154 100
153 41.5 20.8 60.8
76 13.8 0.0 35.2





#47

2-Chloronaphthalene

Concen: 40.701 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

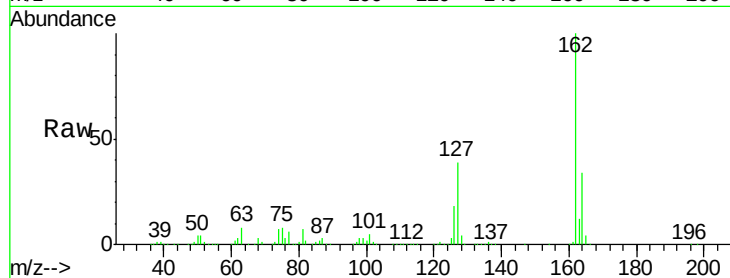
ClientSampleId :

ICVBF042219

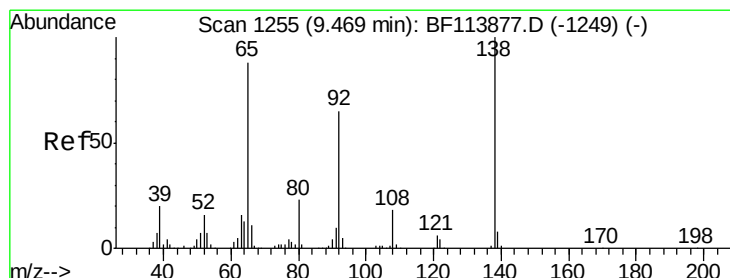
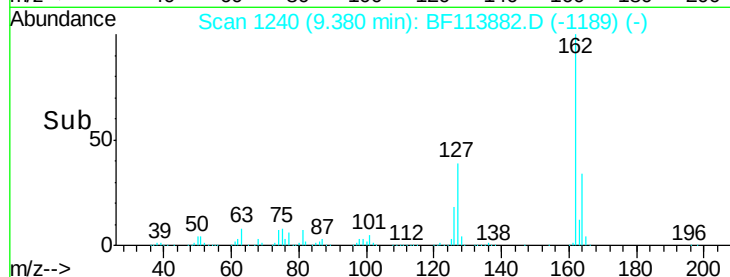
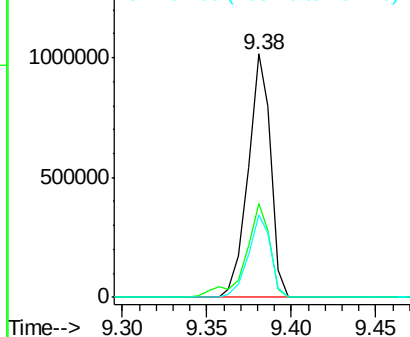
Tgt Ion:	162	Resp:	950245
Ion Ratio		Lower	Upper
162	100		
127	38.6	29.3	43.9
164	33.6	27.1	40.7

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



#48

2-Nitroaniline

Concen: 44.106 ng

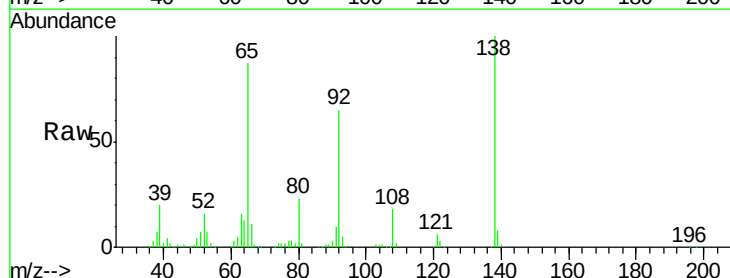
RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

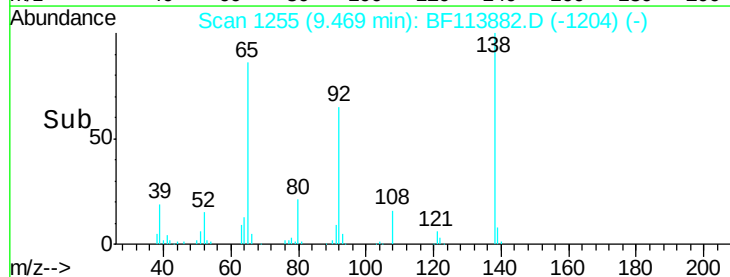
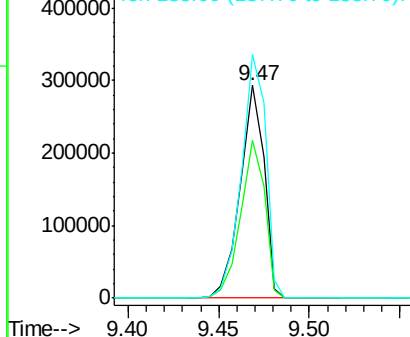
Lab File: BF113882.D

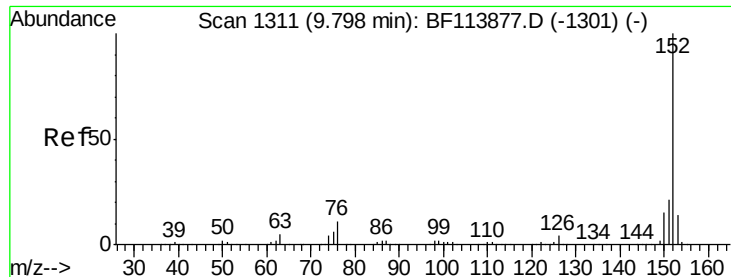
Acq: 22 Apr 2019 17:20

Tgt Ion:	65	Resp:	269946
Ion Ratio		Lower	Upper
65	100		
92	74.4	57.4	86.0
138	114.6	85.4	128.0



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





#49

Acenaphthylene

Concen: 41.160 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

ClientSampleId :

ICVBF042219

Tgt Ion:152 Resp: 1504436

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

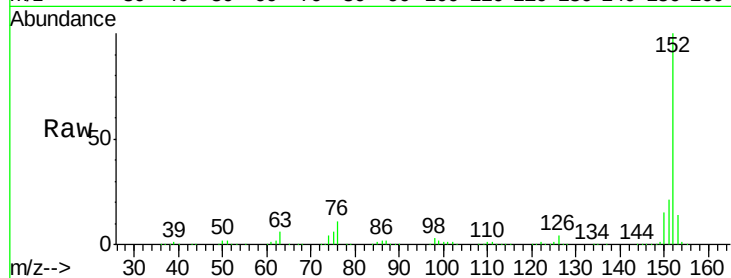
153 13.9 11.0 16.6

Manual Integrations

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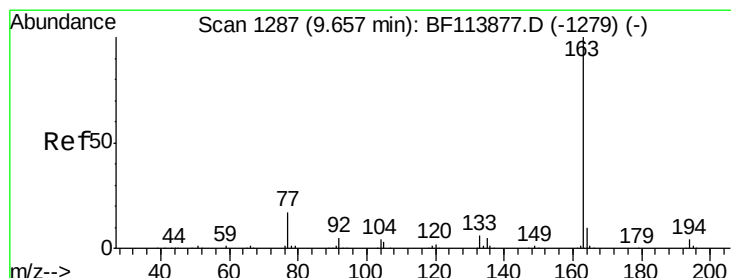
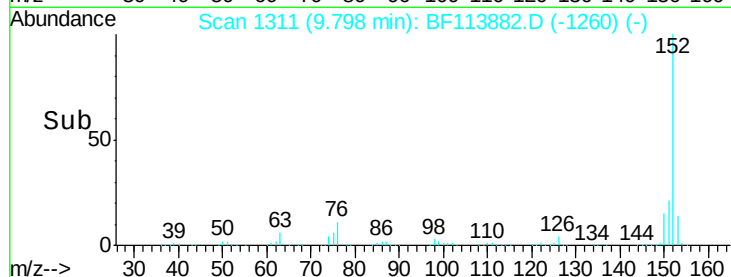
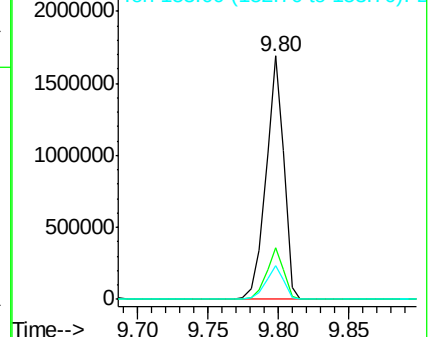
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.968 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

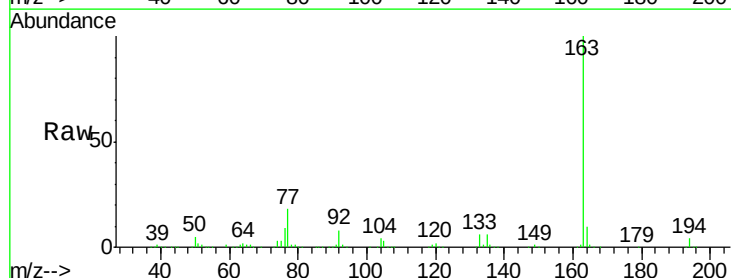
Tgt Ion:163 Resp: 1113491

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

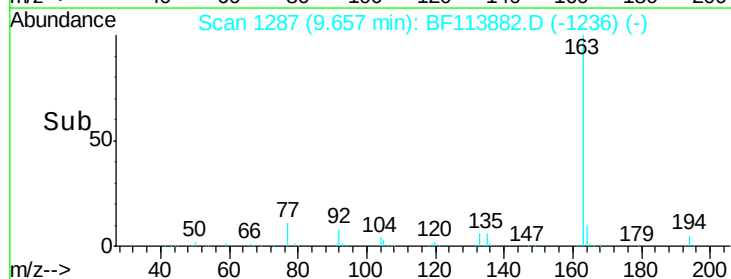
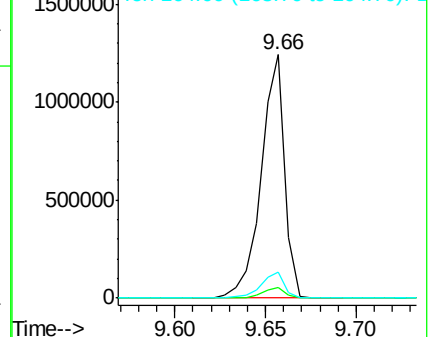
164 10.5 8.5 12.7

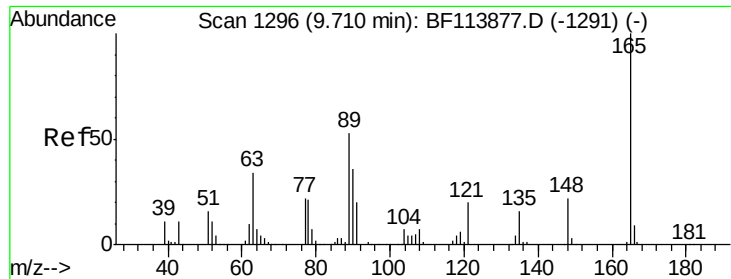


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.919 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

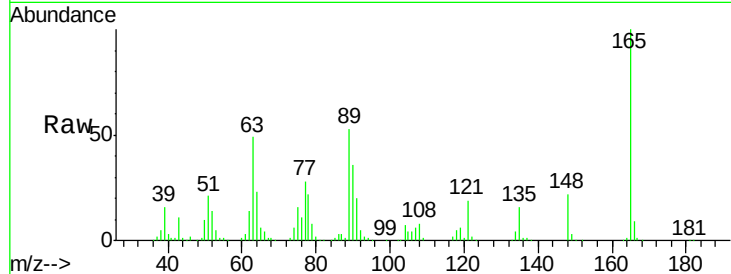
ClientSampleId :

ICVBF042219

Tgt Ion:	165	Resp:	261928
Ion Ratio	Lower	Upper	
165	100		
63	49.1	33.8	50.8
89	52.9	38.2	57.2

Manual Integrations
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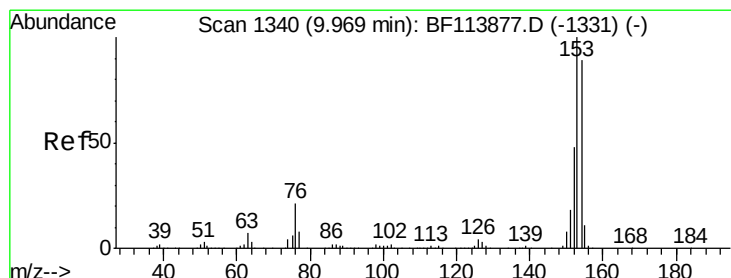
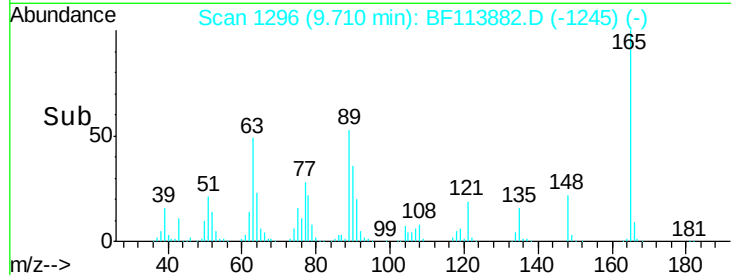
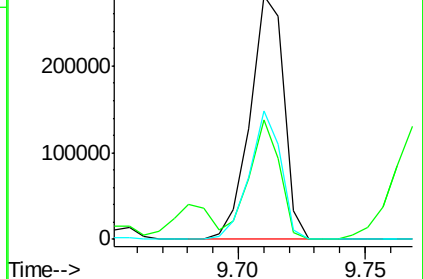
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.507 ng

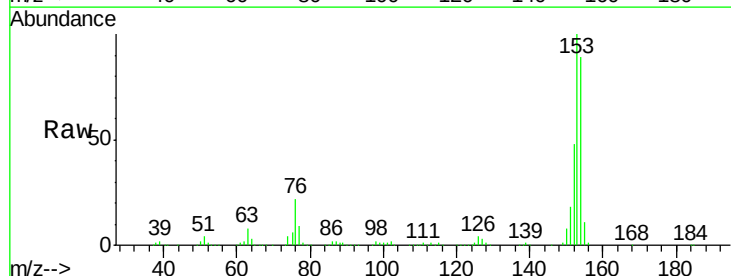
RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

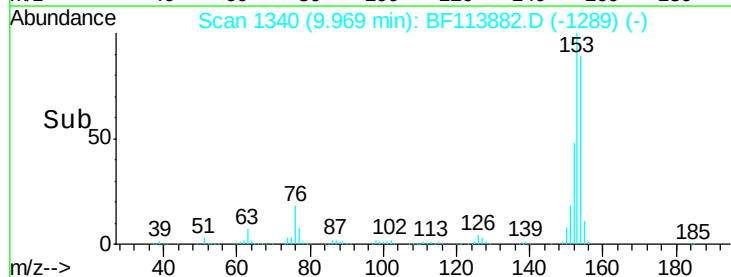
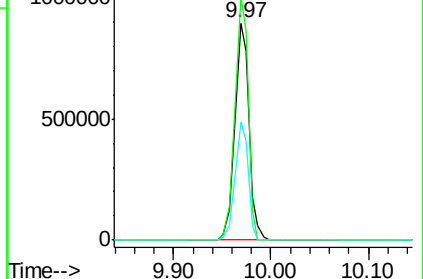
Tgt Ion:	154	Resp:	896582
Ion Ratio	Lower	Upper	
154	100		
153	112.3	87.2	130.8
152	54.4	42.3	63.5

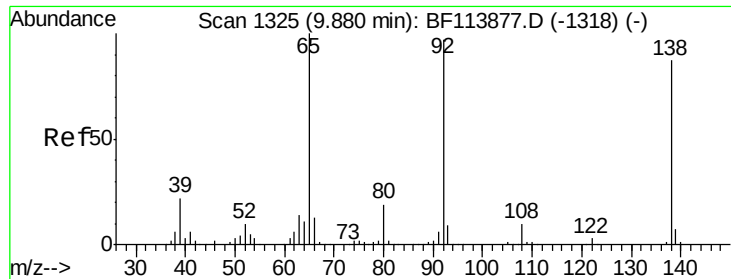


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





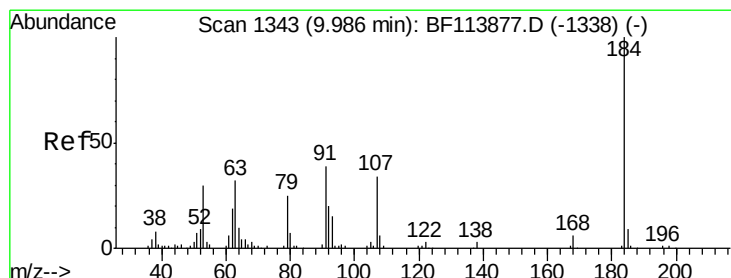
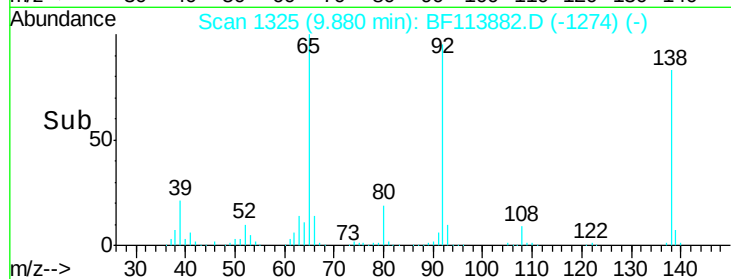
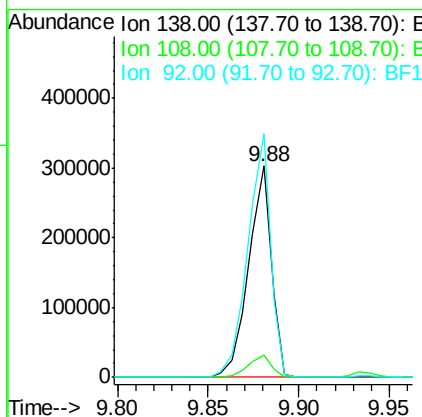
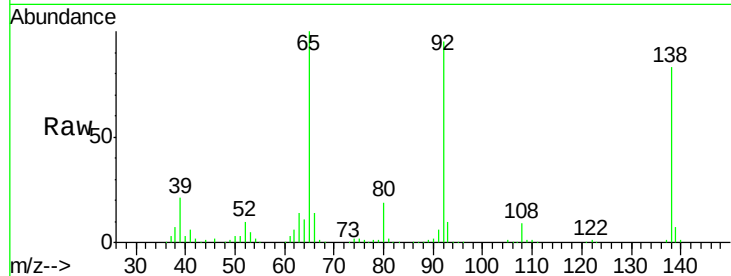
#53
 3-Nitroaniline
 Concen: 43.425 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042219

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	266082		
108	10.5	9.4	14.2	
92	115.3	94.1	141.1	

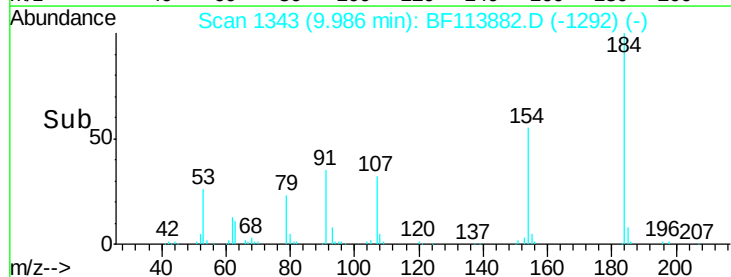
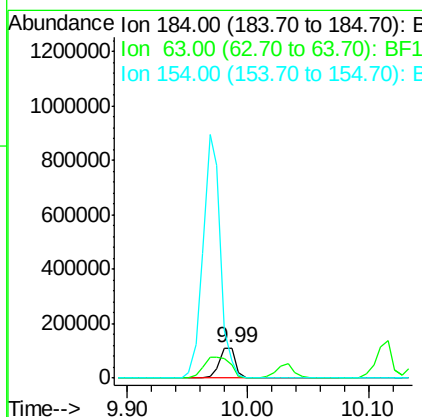
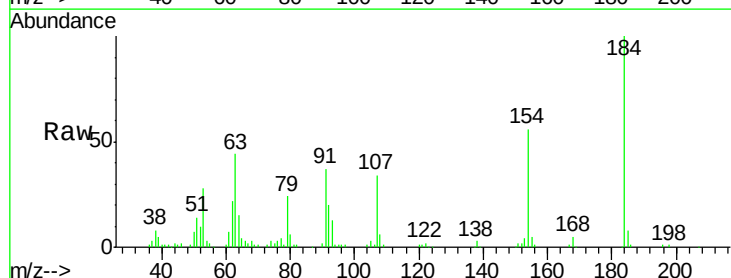
Manual Integrations
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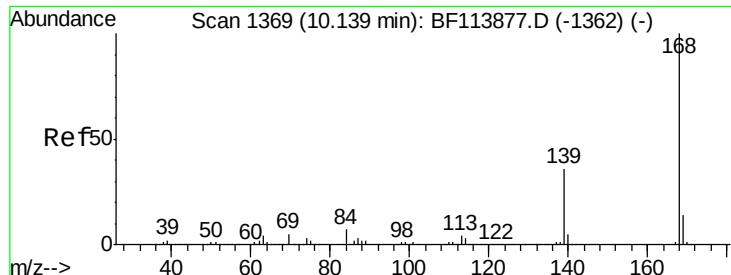
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 45.391 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	104382		
63	43.9	54.6	81.8#	
154	55.6	218.6	328.0#	





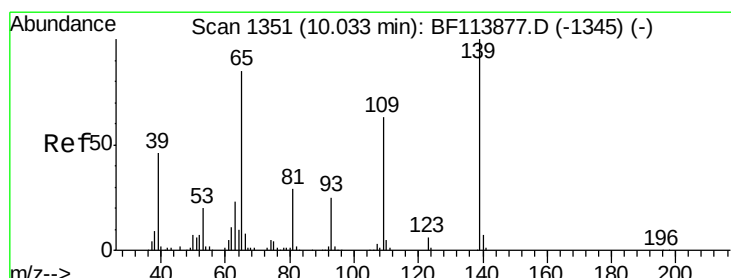
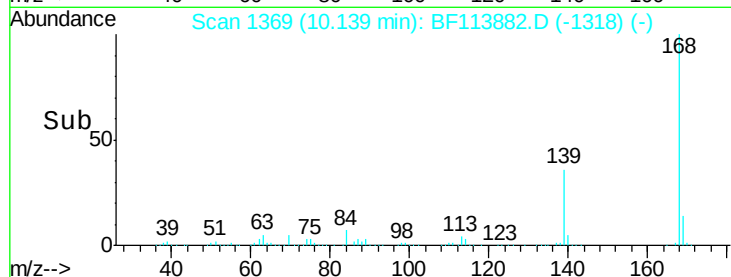
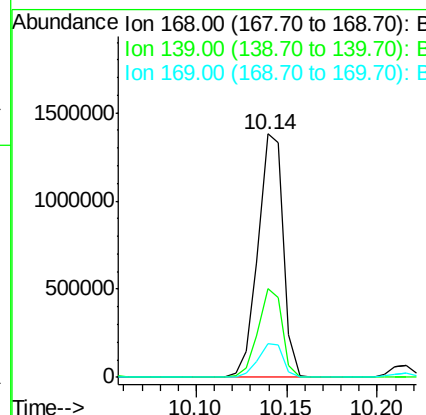
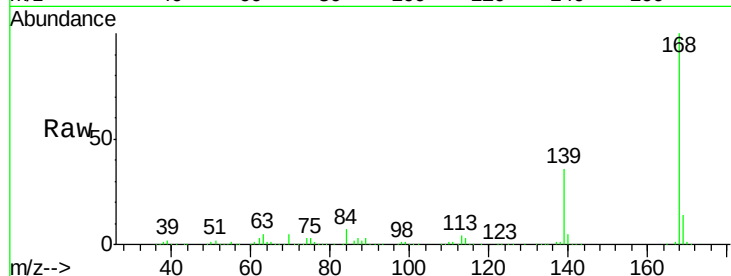
#55
 Dibenzofuran
 Concen: 41.292 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042219

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.3	27.8	41.6
169	13.9	11.0	16.6

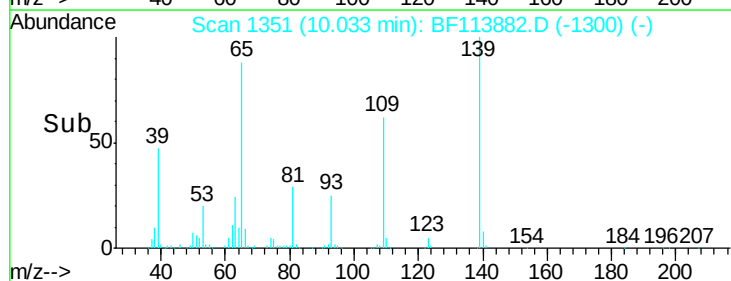
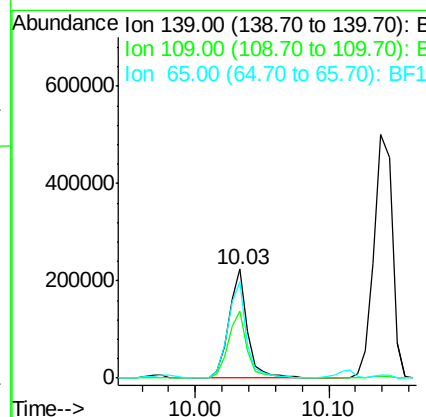
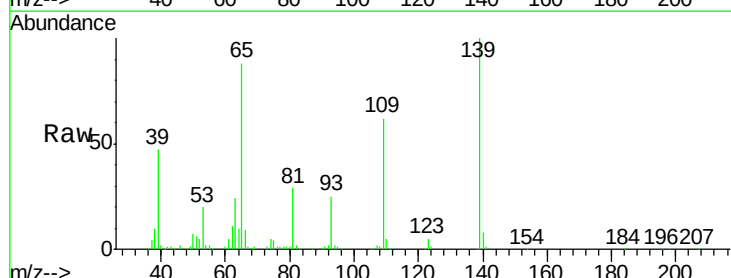
Manual Integrations
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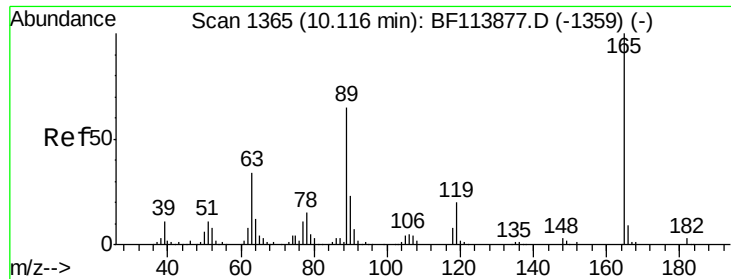
Sohil
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#56
 4-Nitrophenol
 Concen: 45.332 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	42.9	82.9
65	88.0	64.4	104.4





#57

2,4-Dinitrotoluene

Concen: 46.476 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

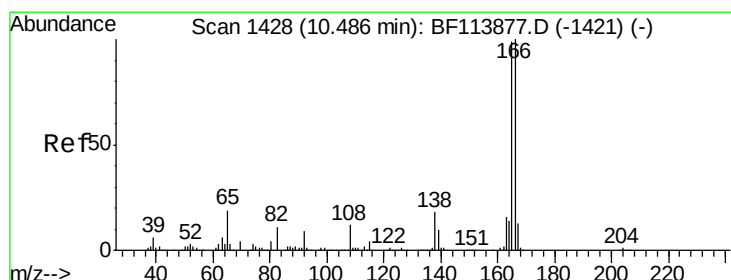
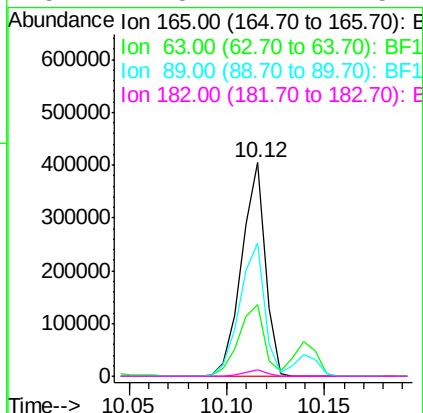
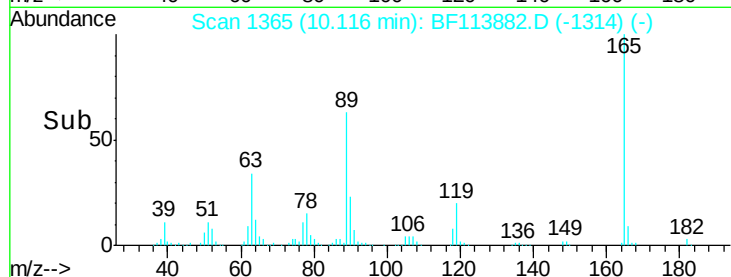
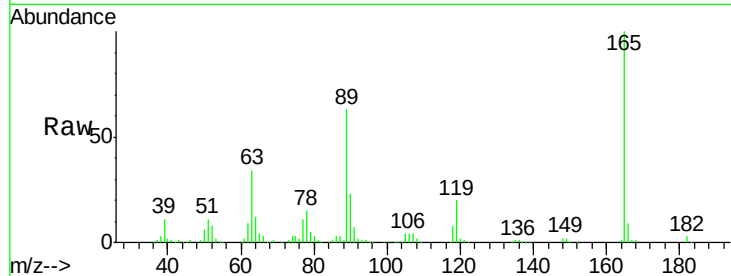
ClientSampleId :

ICVBF042219

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	342067		
63	33.8	27.4	41.0	
89	62.5	51.8	77.6	
182	2.8	2.2	3.2	

Manual Integrations
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#58

Fluorene

Concen: 41.210 ng

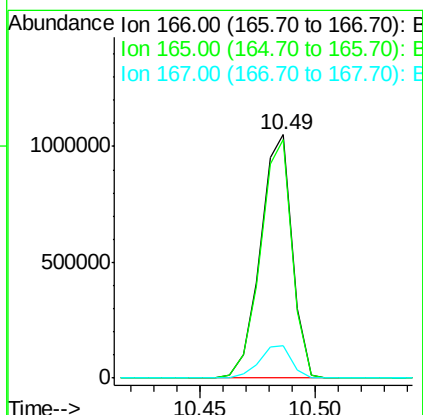
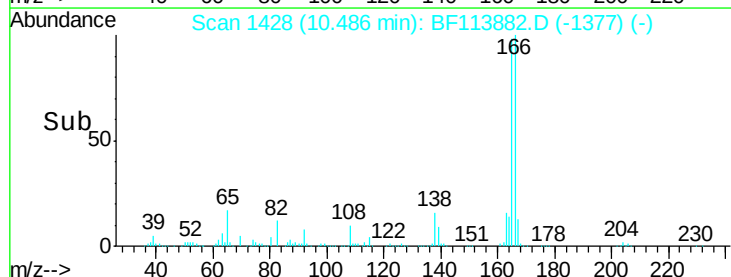
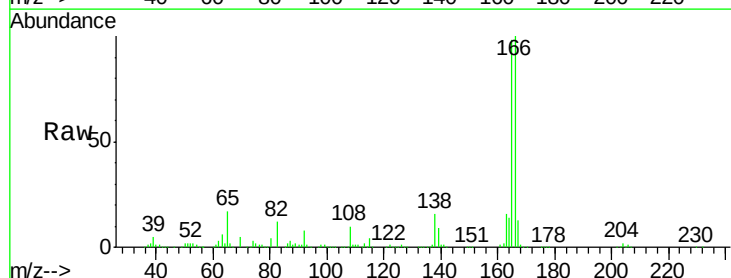
RT: 10.49 min Scan# 1428

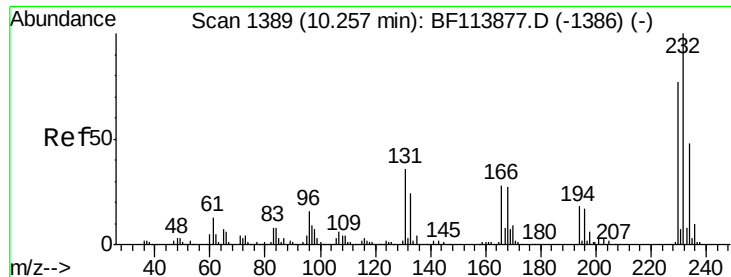
Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1003886		
165	97.9	78.4	117.6	
167	13.4	10.9	16.3	





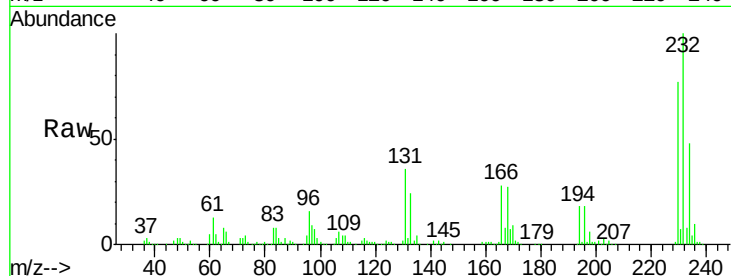
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.596 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042219

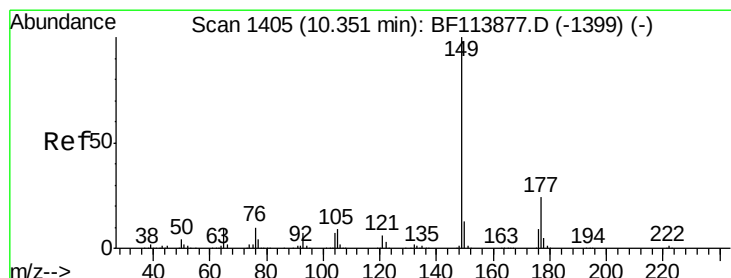
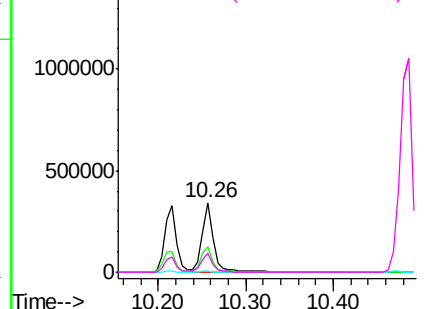
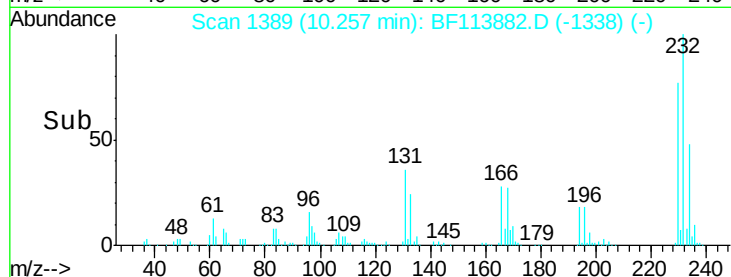
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	317835		
131	37.4	30.2	45.2	
130	1.8	1.5	2.3	
166	27.3	22.2	33.4	

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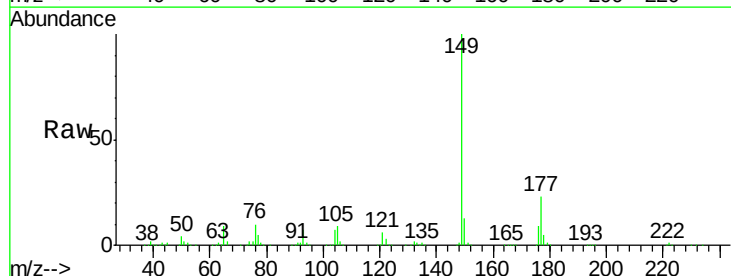


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

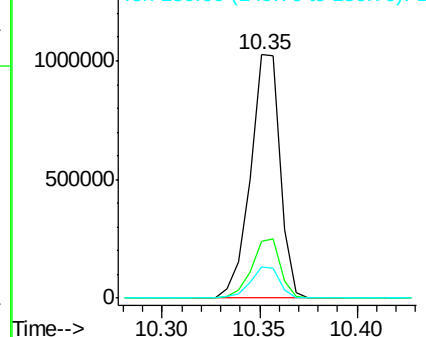
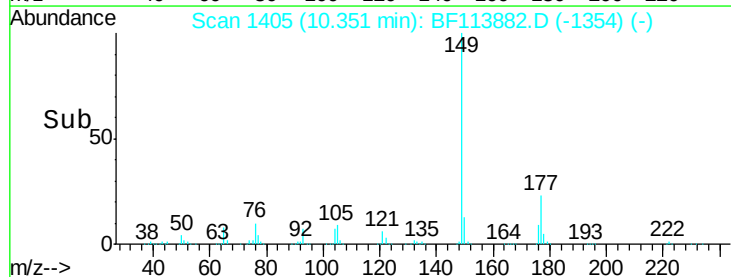


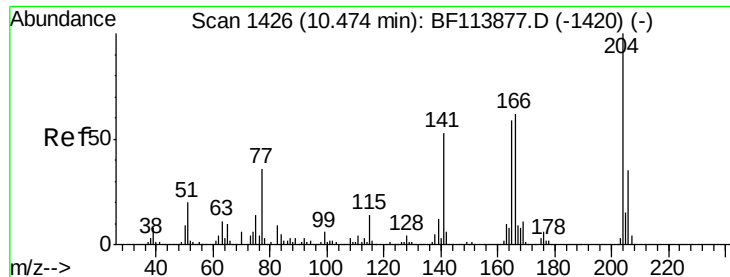
#60
 Diethylphthalate
 Concen: 41.768 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1078060		
177	23.4	19.2	28.8	
150	13.0	10.3	15.5	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





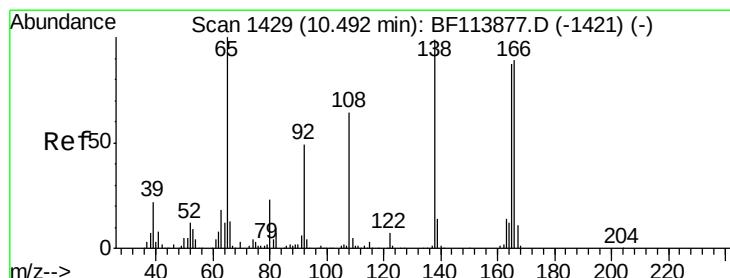
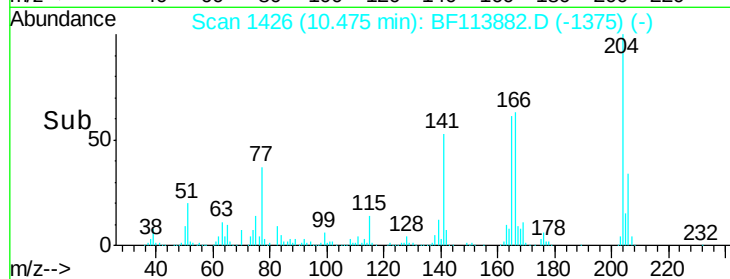
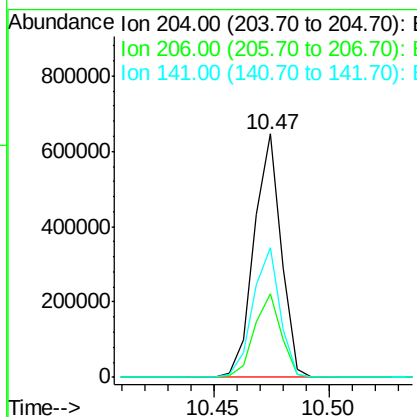
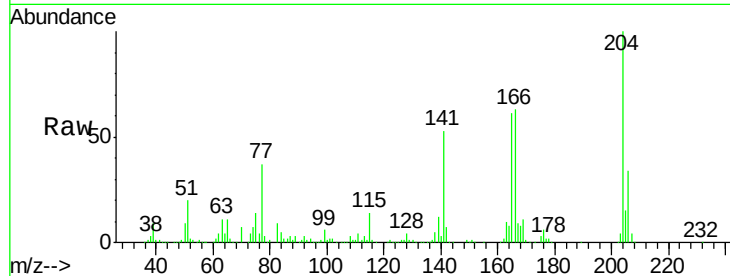
#61
 4-Chlorophenyl-phenylether
 Concen: 41.120 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042219

Tgt Ion:	204	Resp:	530491
Ion Ratio	Lower	Upper	
204	100		
206	34.2	27.4	41.2
141	53.4	42.6	63.8

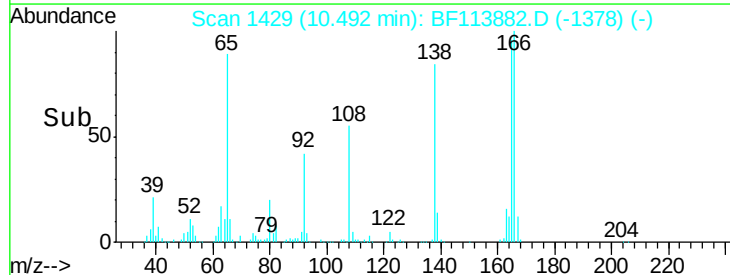
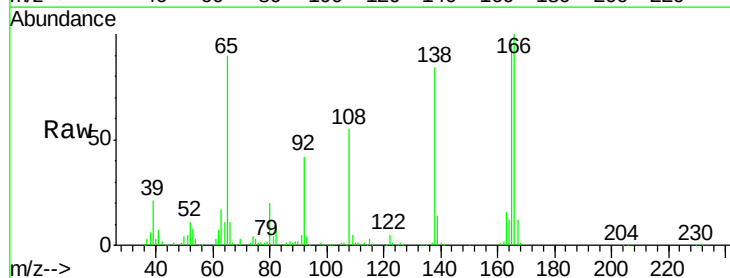
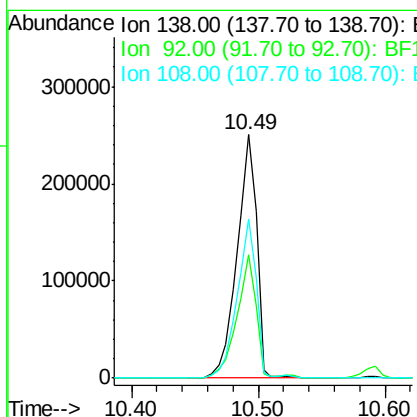
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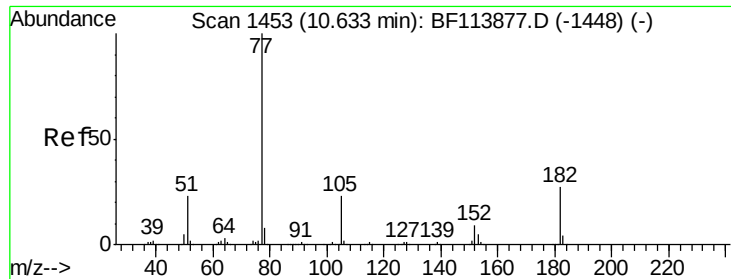
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#62
 4-Nitroaniline
 Concen: 44.487 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Tgt Ion:	138	Resp:	266009
Ion Ratio	Lower	Upper	
138	100		
92	50.7	31.3	71.3
108	65.5	48.9	88.9





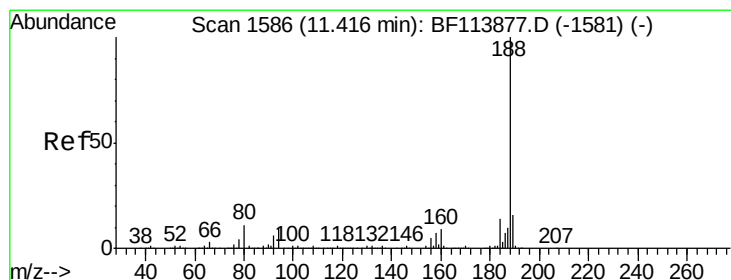
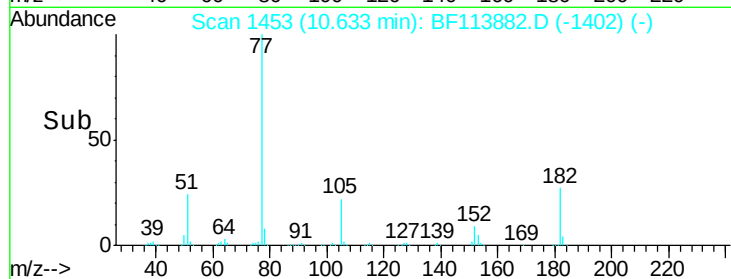
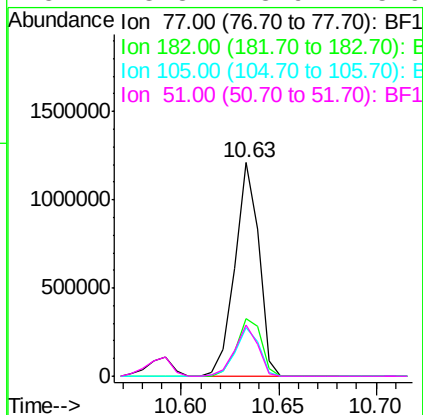
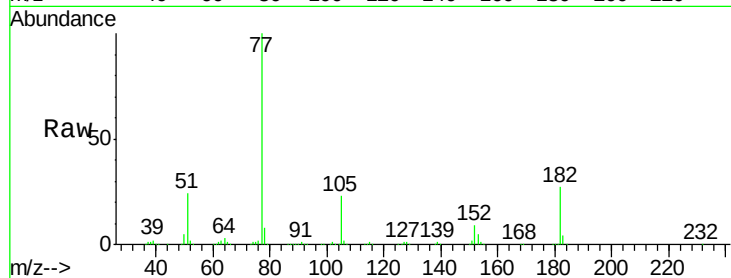
#63
Azobenzene
Concen: 41.305 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	4.4	44.4
105	22.6	2.2	42.2
51	23.8	3.9	43.9

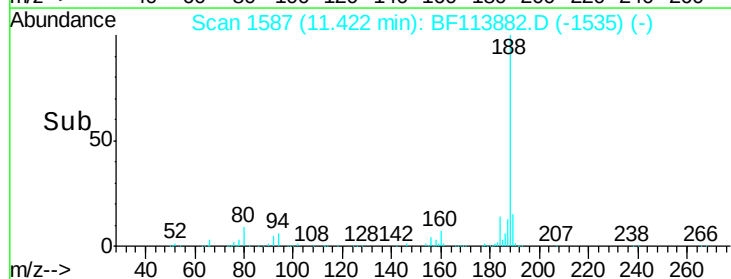
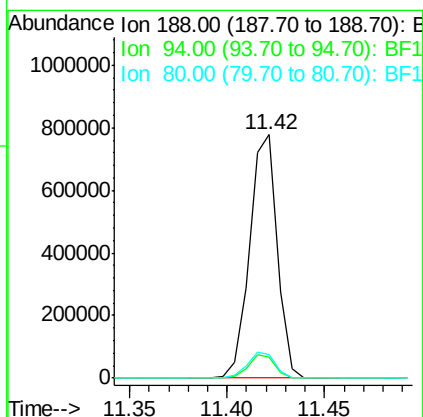
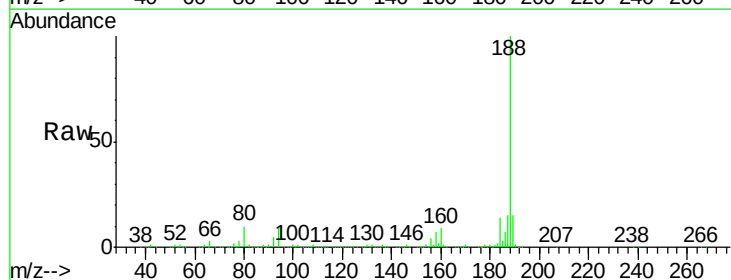
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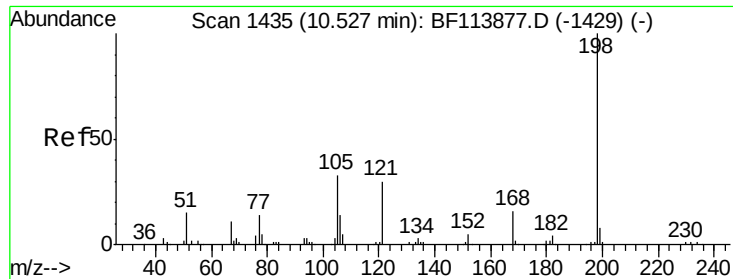
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.4
80	9.7	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 44.181 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

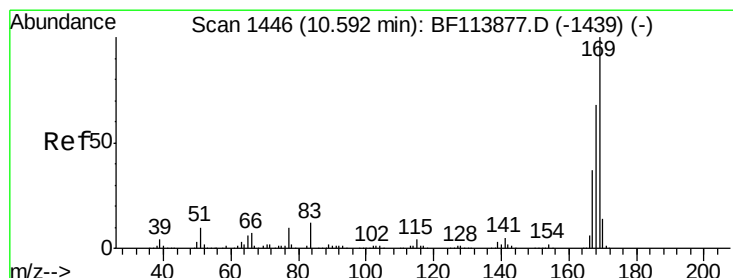
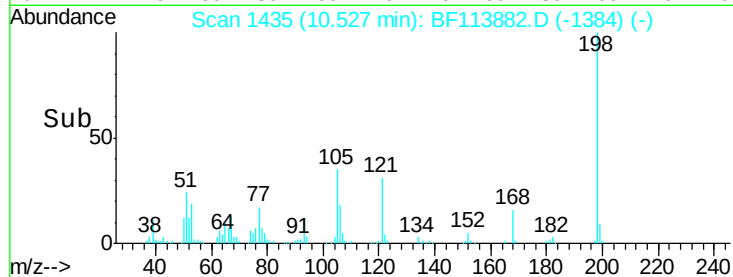
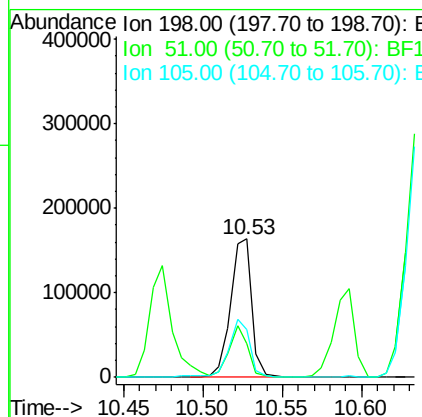
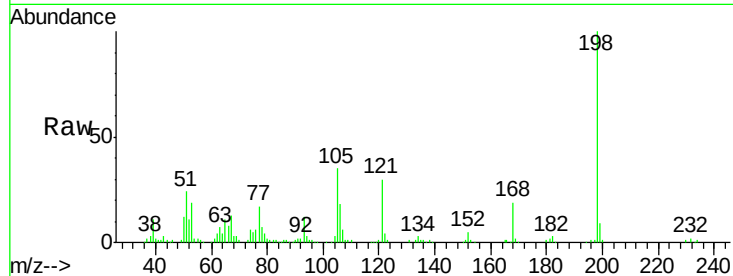
ClientSampleId :

ICVBF042219

Tgt Ion:	198	Resp:	151713
Ion Ratio	Lower	Upper	
198	100		
51	24.4	11.1	51.1
105	34.9	20.7	60.7

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#66

n-Nitrosodiphenylamine

Concen: 40.404 ng

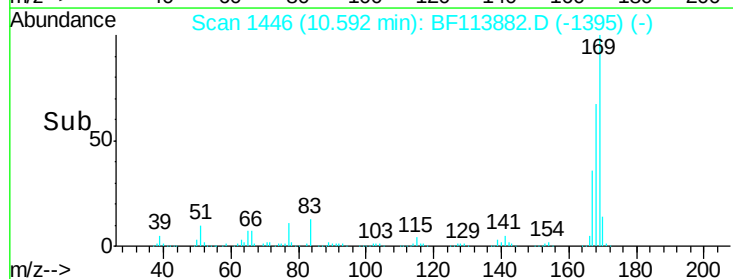
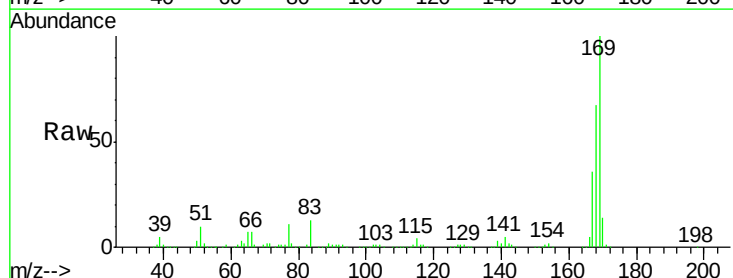
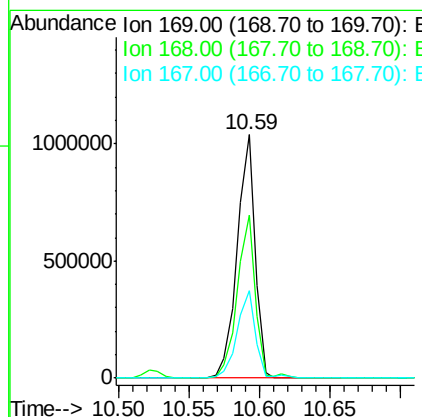
RT: 10.59 min Scan# 1446

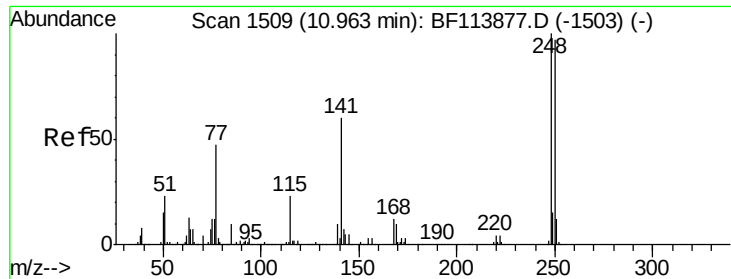
Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Tgt Ion:	169	Resp:	922592
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.3	81.5
167	36.1	29.4	44.0





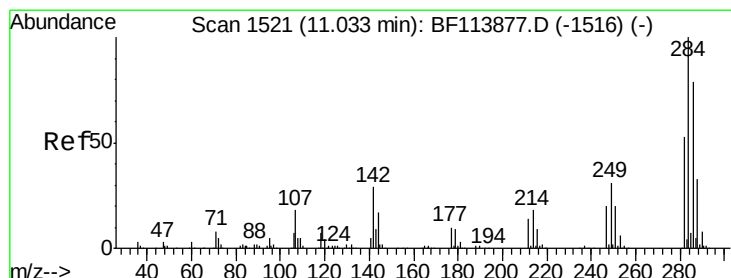
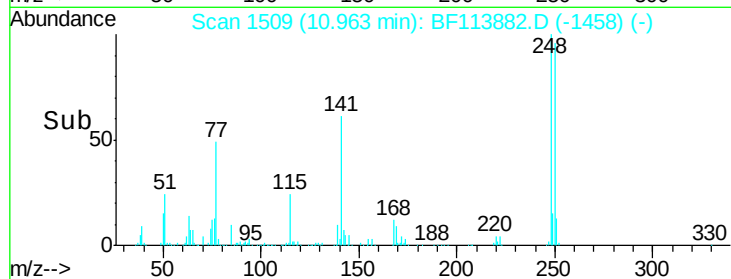
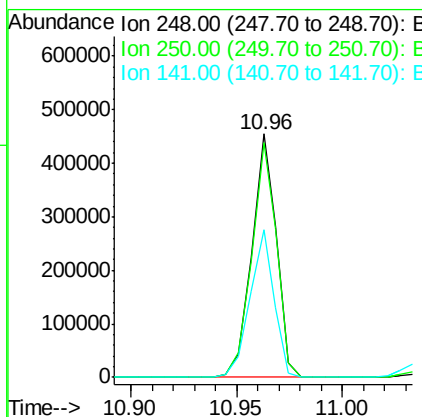
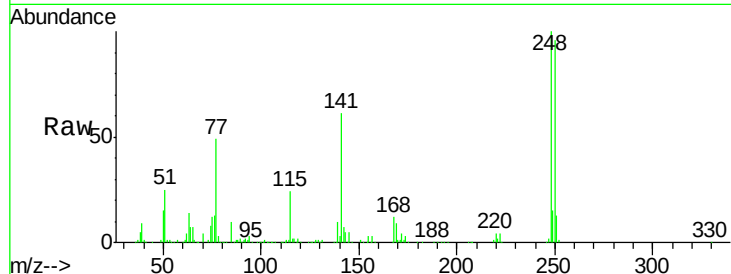
#67
 4-Bromophenyl-phenylether
 Concen: 39.973 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042219

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	75.8	113.6
141	60.9	50.2	75.4

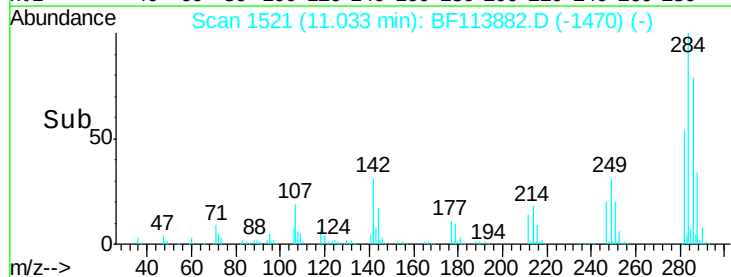
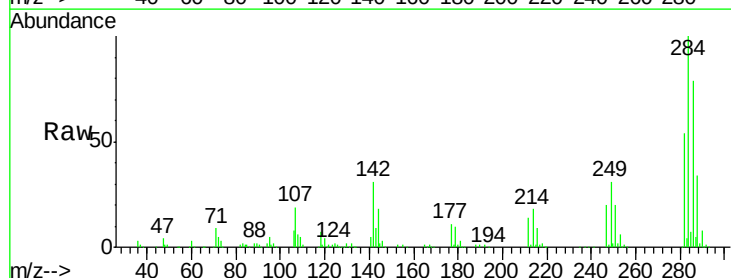
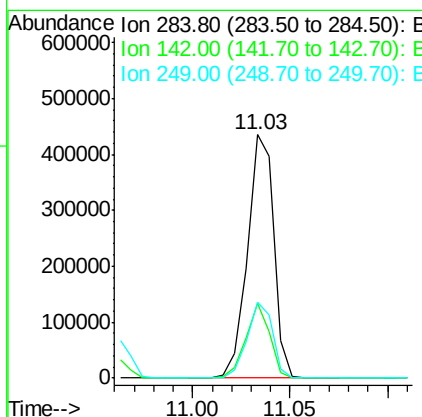
Manual Integrations
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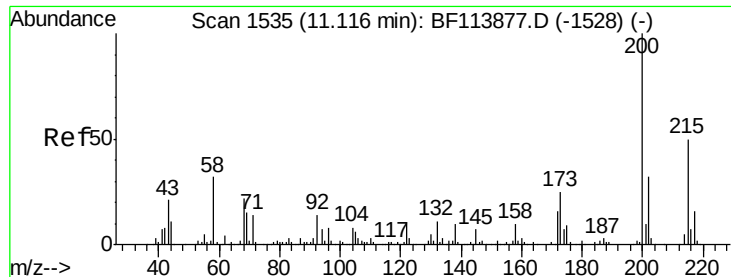
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#68
 Hexachlorobenzene
 Concen: 40.193 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF113882.D
 Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	23.0	34.4
249	31.0	24.4	36.6





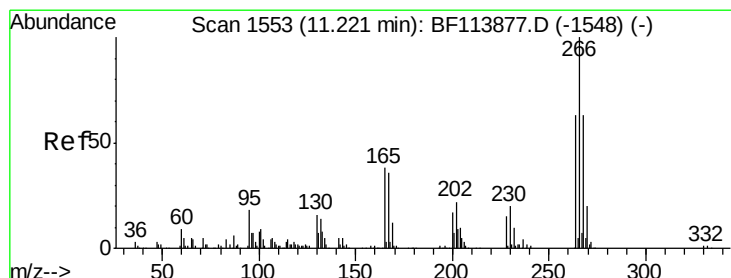
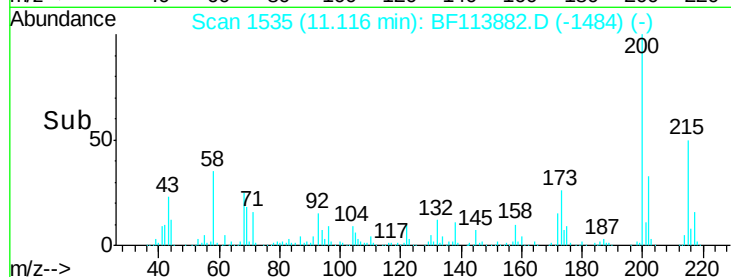
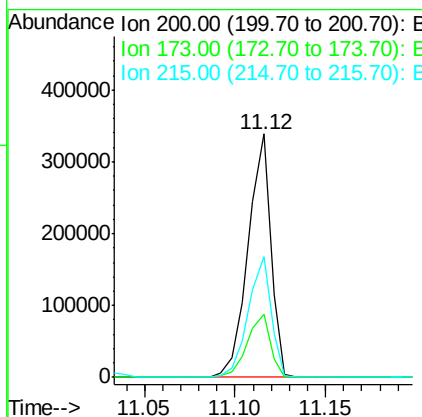
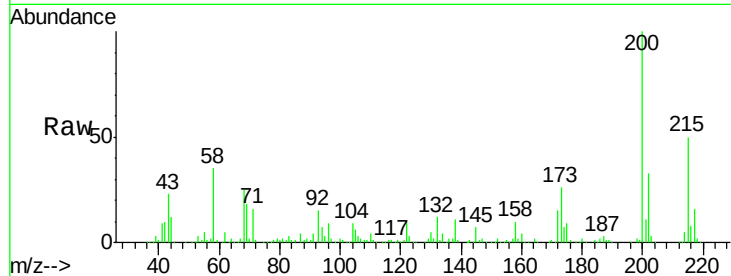
#69
Atrazine
Concen: 40.032 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.0	5.9	45.9
215	49.7	29.3	69.3

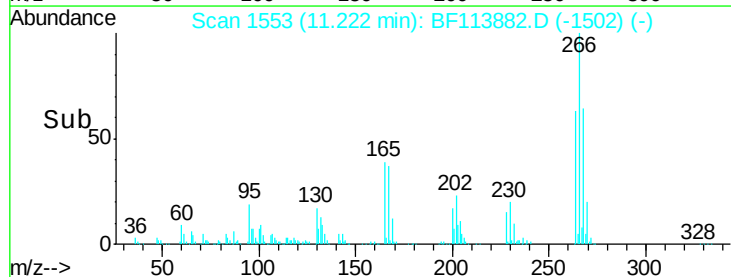
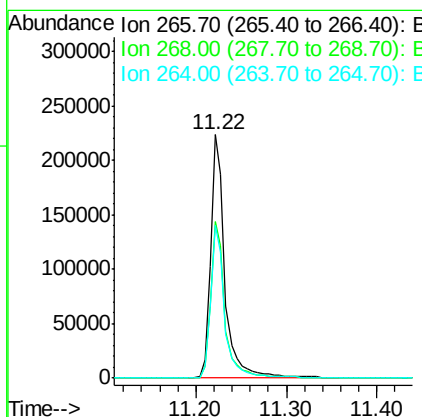
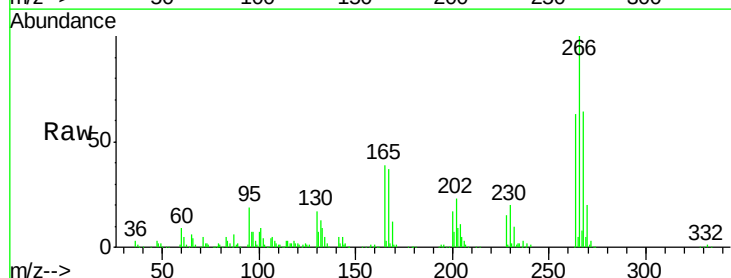
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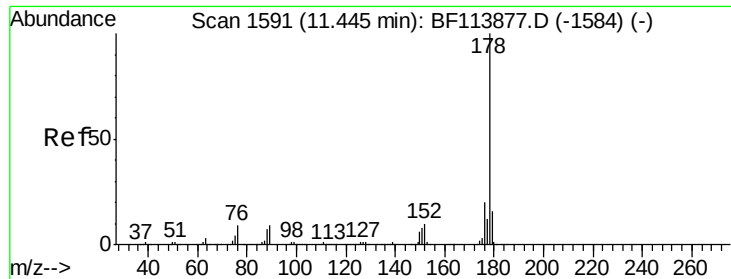
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#70
Pentachlorophenol
Concen: 43.368 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	53.5	80.3
264	62.6	51.0	76.6





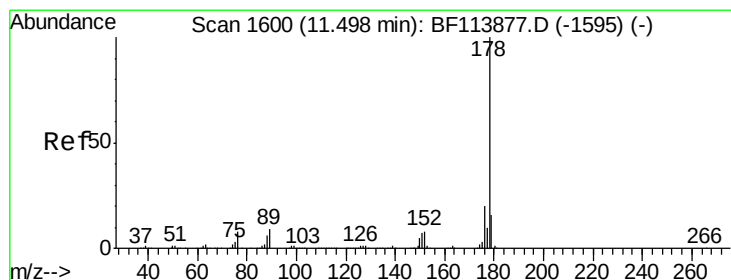
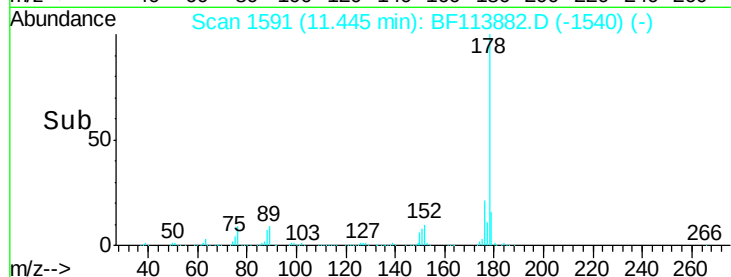
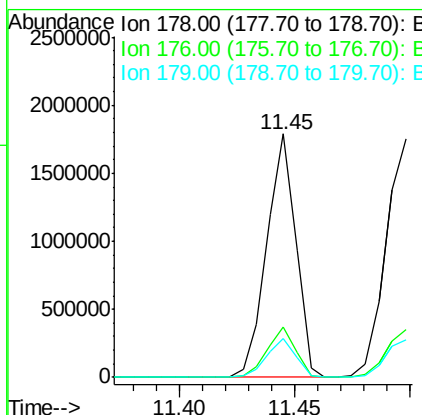
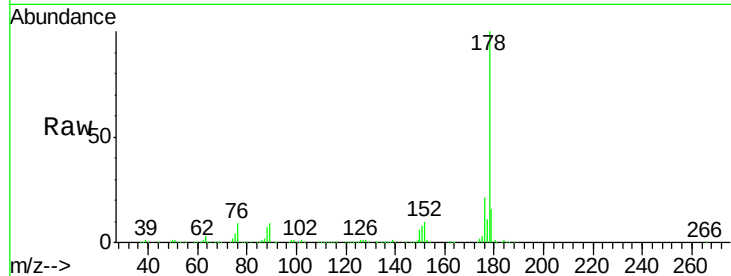
#71
Phenanthrene
Concen: 41.091 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion:178 Resp: 1571544
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 15.9 12.8 19.2

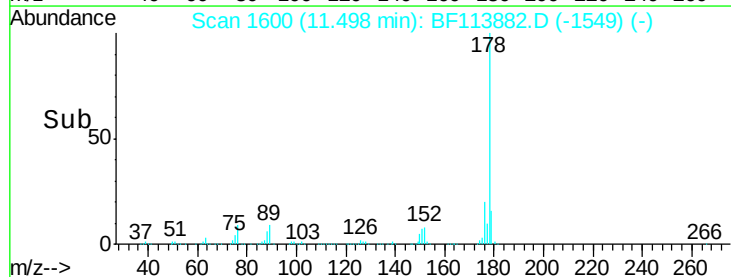
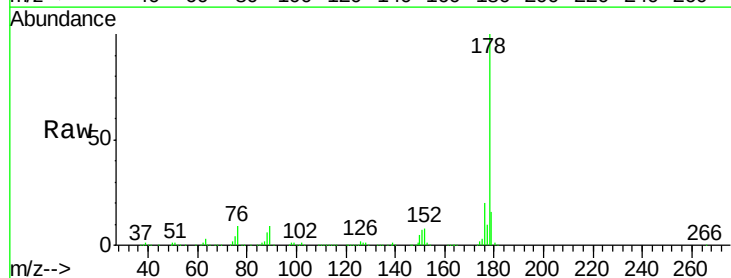
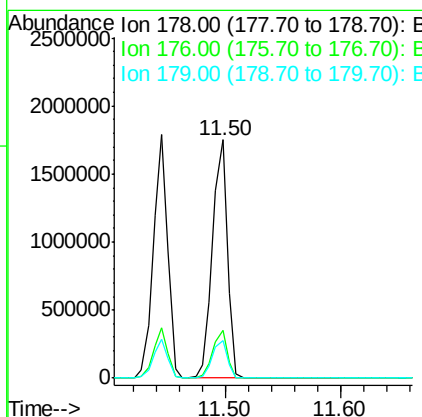
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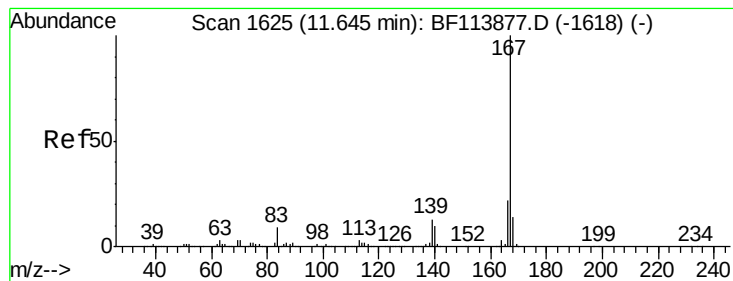
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#72
Anthracene
Concen: 40.829 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion:178 Resp: 1576872
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.0 13.0 19.4





#73

Carbazole

Concen: 41.621 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

ClientSampleId :

ICVBF042219

Tgt Ion:167 Resp: 1434104

Ion Ratio Lower Upper

167 100

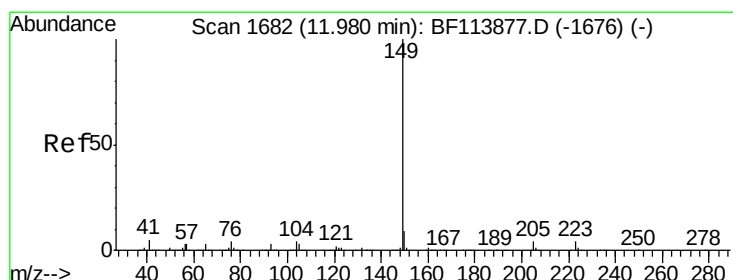
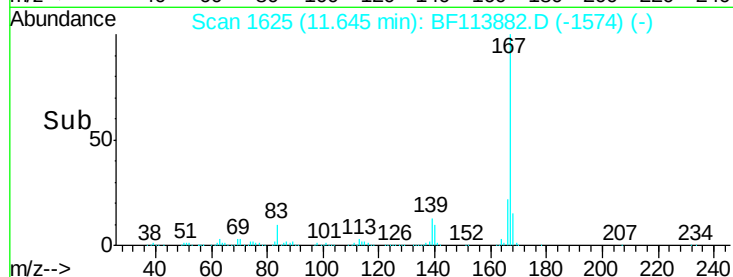
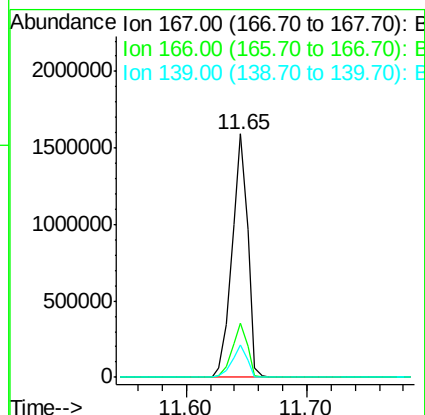
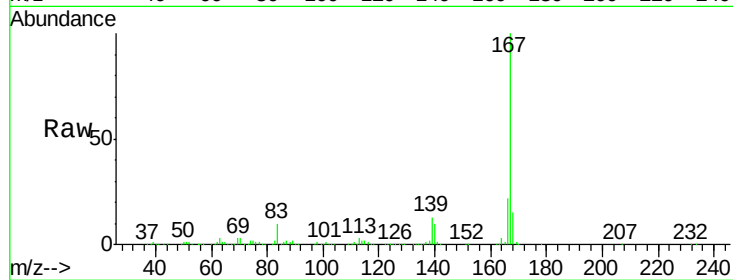
166 22.3 17.7 26.5

139 13.1 10.0 15.0

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#74

Di-n-butylphthalate

Concen: 41.726 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

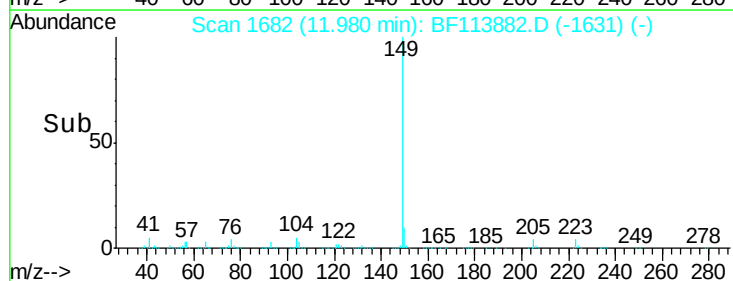
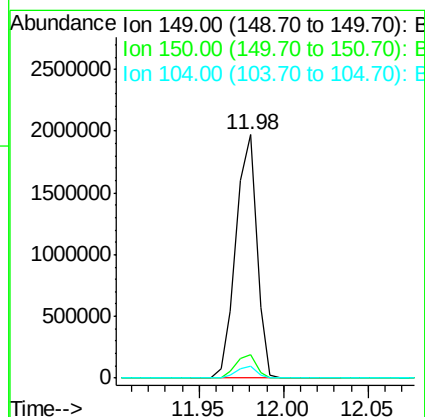
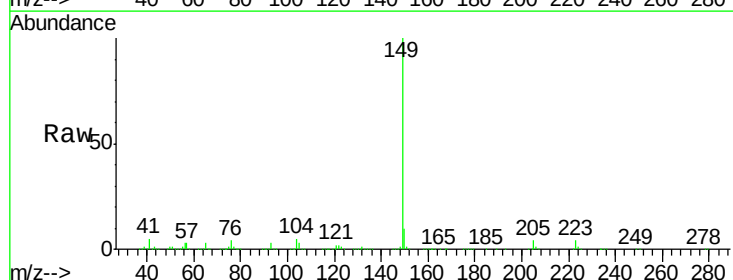
Tgt Ion:149 Resp: 1691196

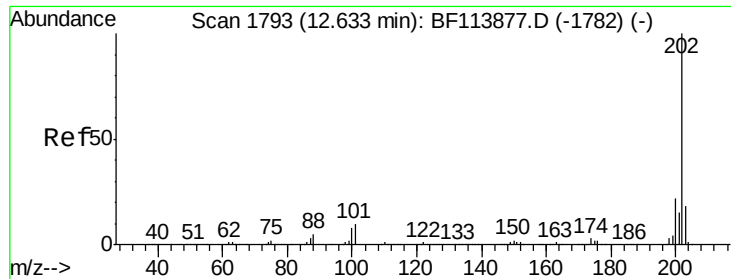
Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 41.222 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

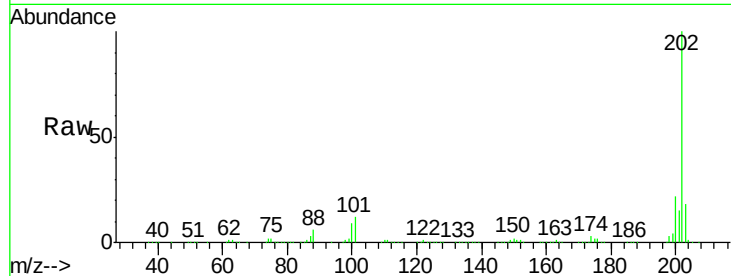
ClientSampleId :

ICVBF042219

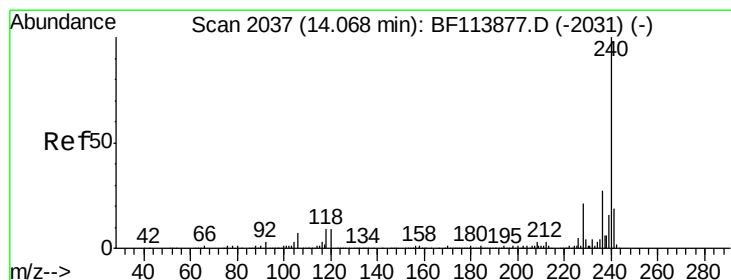
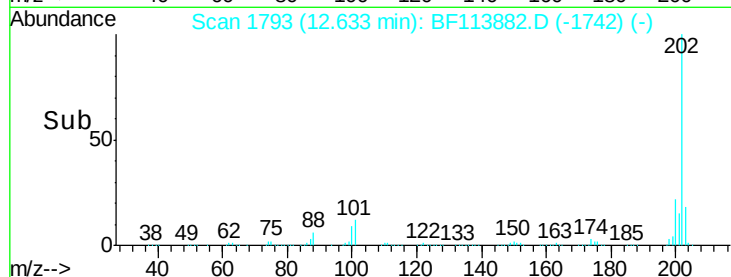
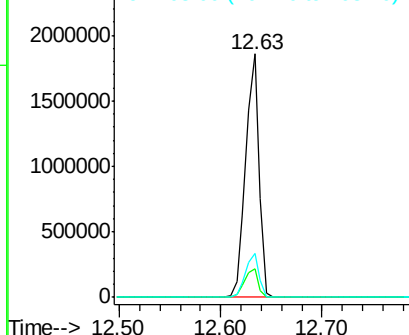
Tgt Ion:	202	Resp:	1720023
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.9
203	18.1	0.0	38.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

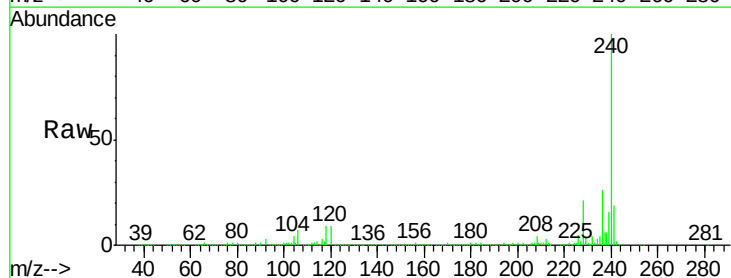
RT: 14.09 min Scan# 2040

Delta R.T. 0.02 min

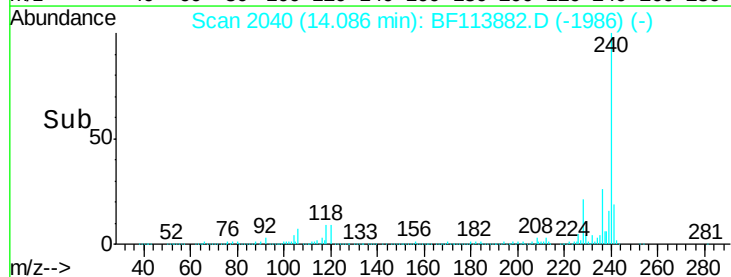
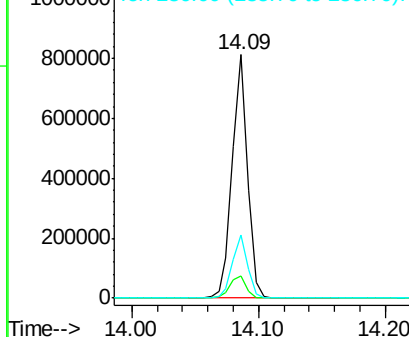
Lab File: BF113882.D

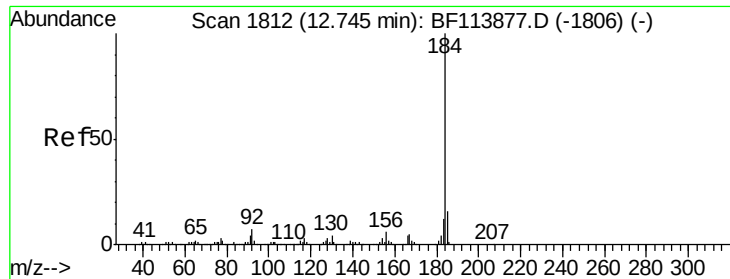
Acq: 22 Apr 2019 17:20

Tgt Ion:	240	Resp:	672195
Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.3	13.9
236	26.1	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.606 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

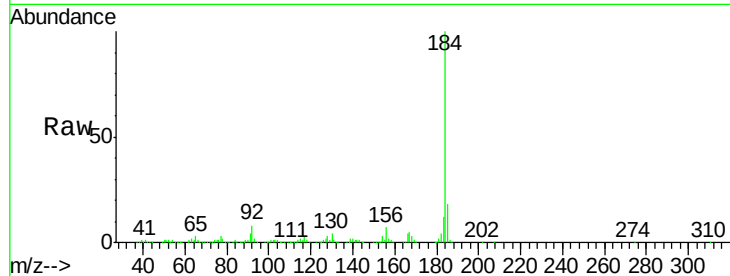
ClientSampled :

ICVBF042219

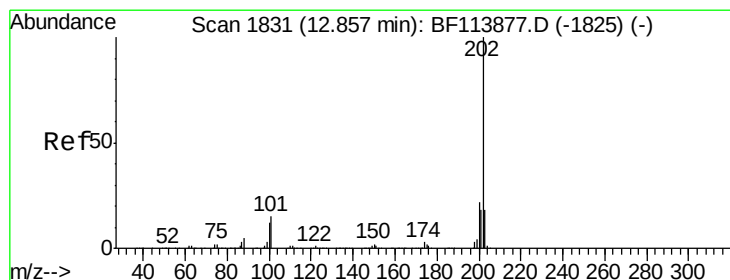
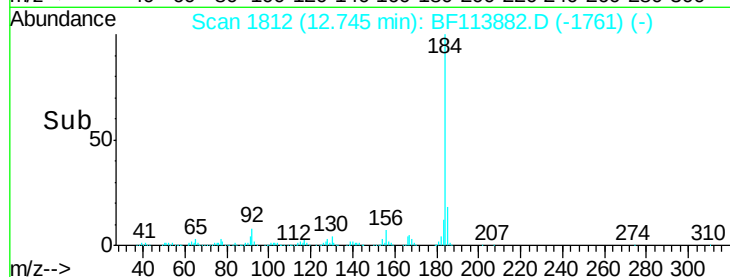
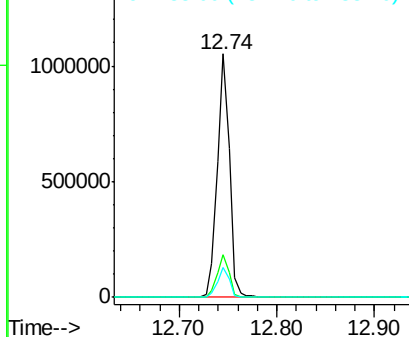
Tgt Ion:	184	Resp:	913411
Ion Ratio	Lower	Upper	
184	100		
185	17.6	13.0	19.6
183	12.0	9.4	14.0

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



#78

Pyrene

Concen: 36.334 ng

RT: 12.86 min Scan# 1832

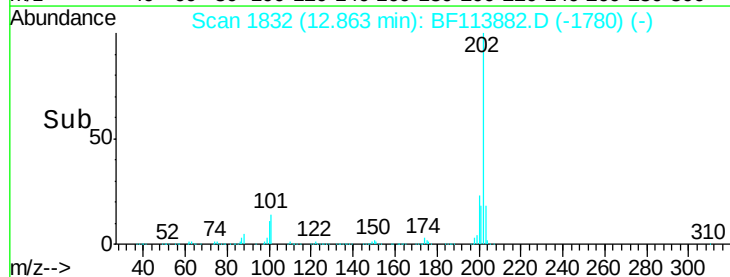
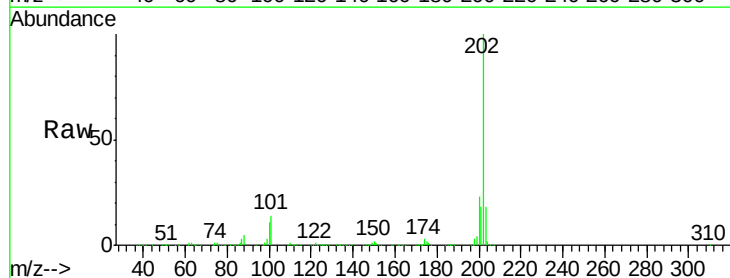
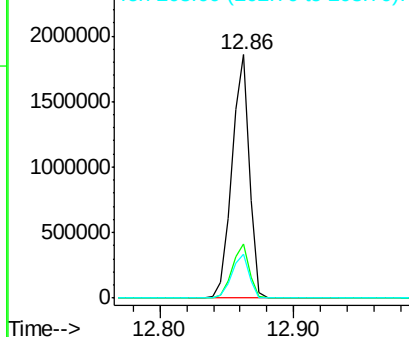
Delta R.T. 0.01 min

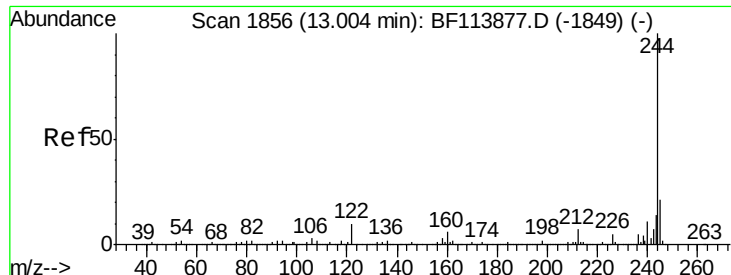
Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Tgt Ion:	202	Resp:	1707958
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.7	26.5
203	18.3	15.0	22.6

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





#79

Terphenyl-d14

Concen: 74.183 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

ClientSampleId :

ICVBF042219

Tgt Ion:244 Resp: 2432292

Ion Ratio Lower Upper

244 100

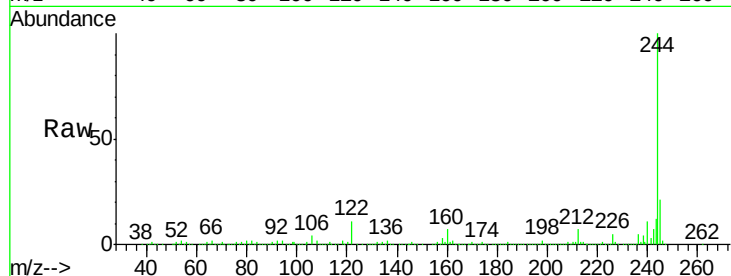
212 7.3 5.4 8.2

122 10.8 7.6 11.4

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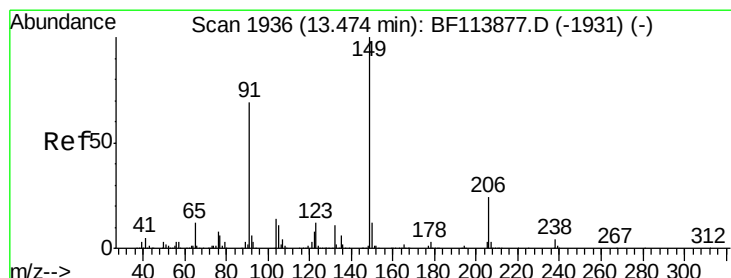
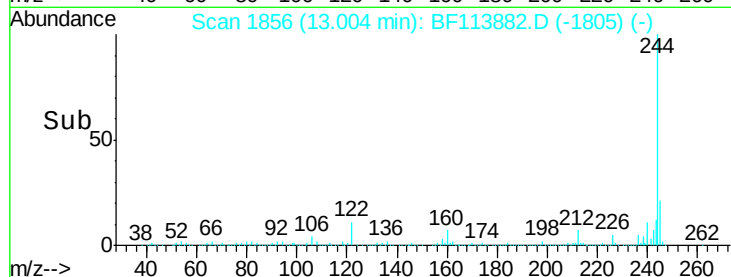
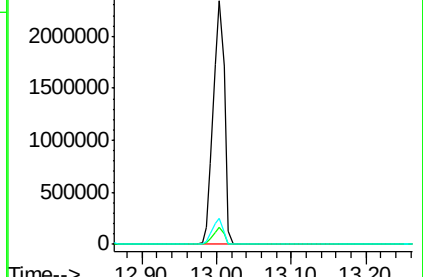
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.495 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

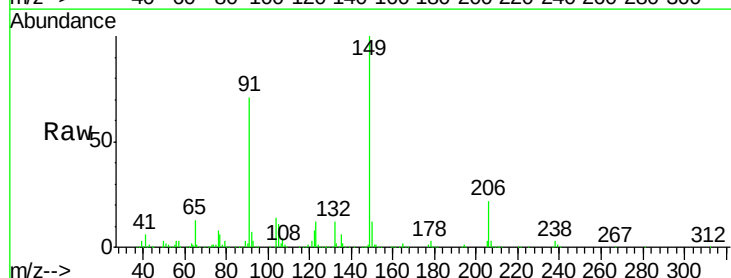
Tgt Ion:149 Resp: 730469

Ion Ratio Lower Upper

149 100

91 70.8 56.3 84.5

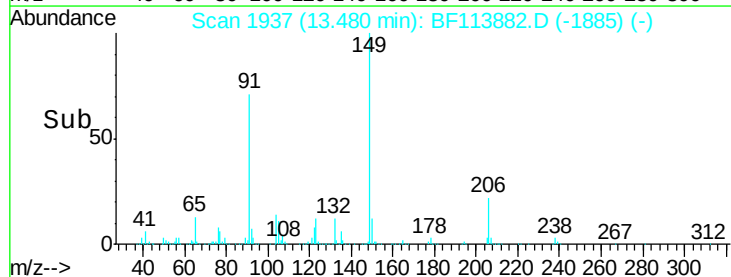
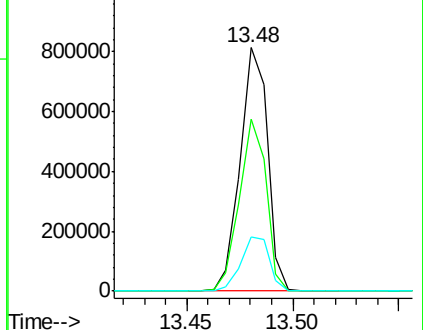
206 22.4 19.0 28.6

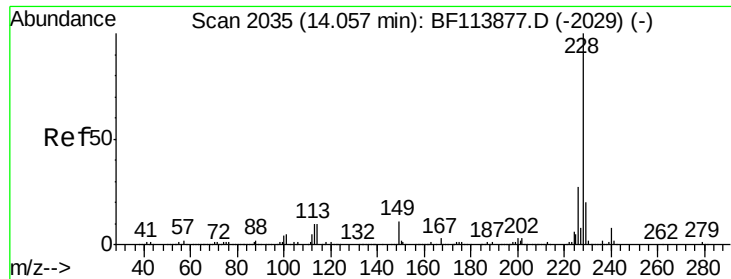


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.442 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

ClientSampleId :

ICVBF042219

Tgt Ion:228 Resp: 1562069

Ion Ratio Lower Upper

228 100

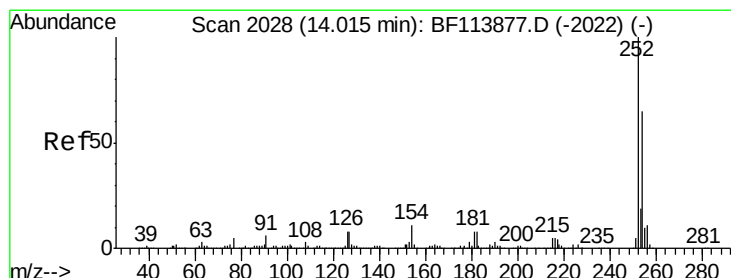
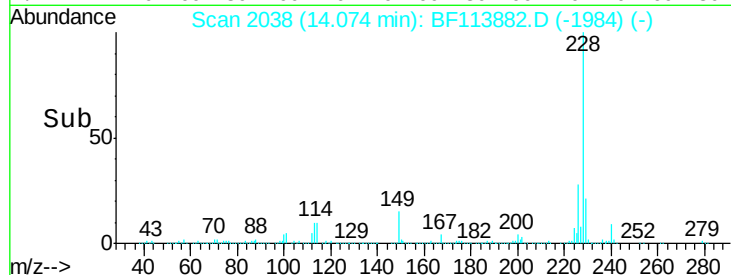
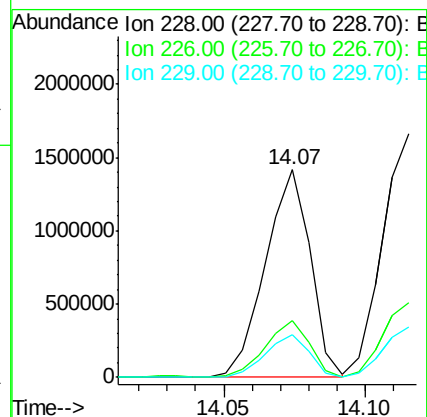
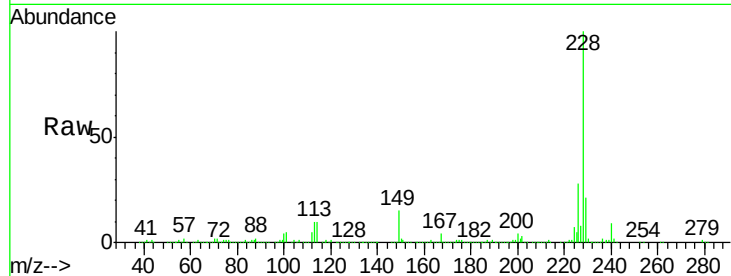
226 27.7 22.2 33.2

229 20.6 16.0 24.0

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#82

3,3'-Dichlorobenzidine

Concen: 42.620 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.02 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

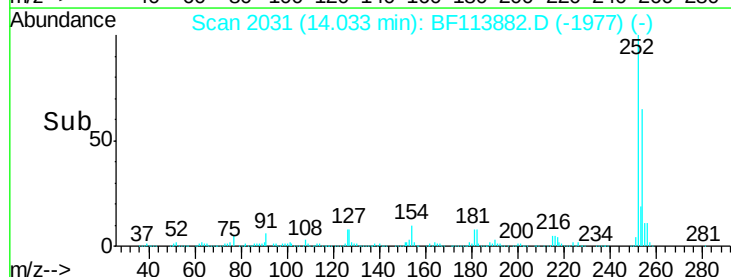
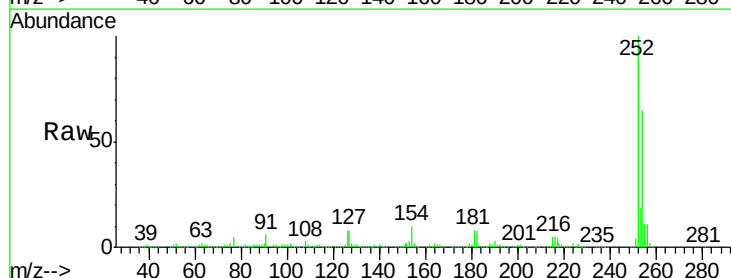
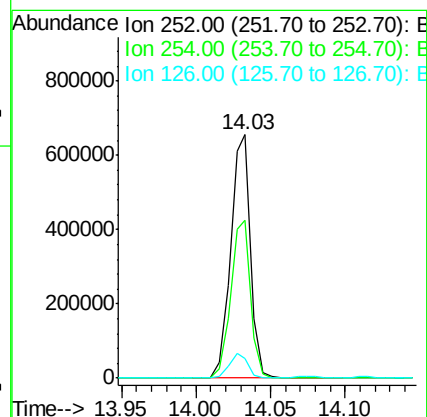
Tgt Ion:252 Resp: 618674

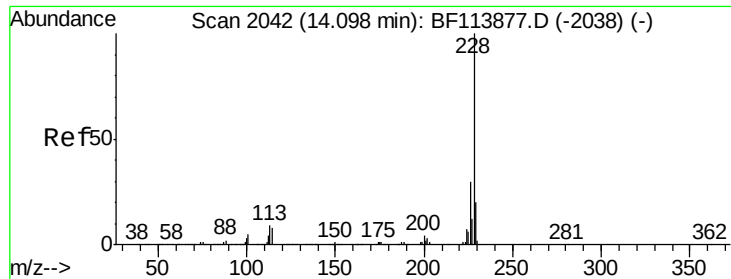
Ion Ratio Lower Upper

252 100

254 64.6 52.1 78.1

126 7.9 9.3 13.9#





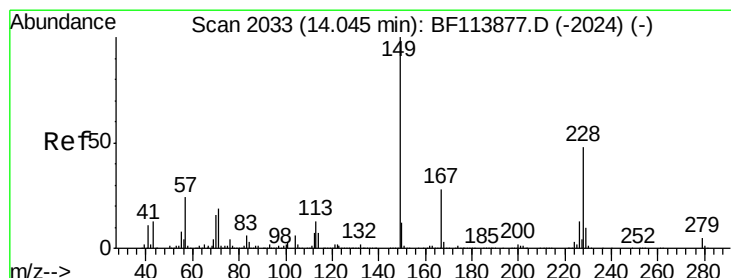
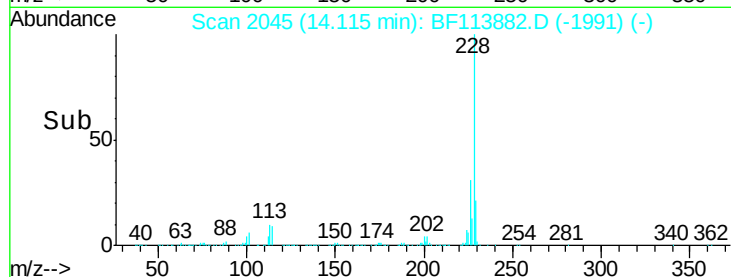
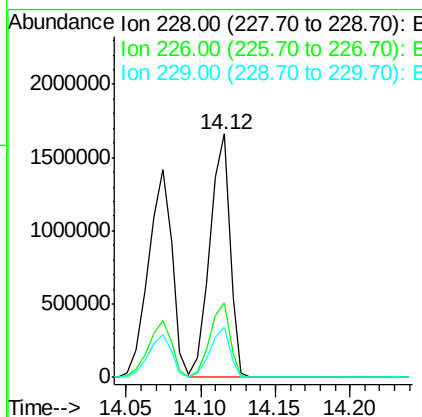
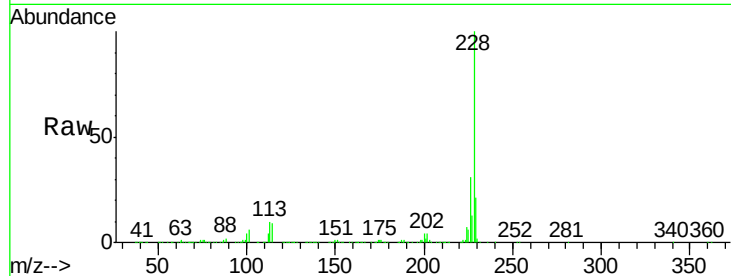
#83
Chrysene
Concen: 40.148 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.02 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion: 228 Resp: 1548535
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 20.5 16.7 25.1

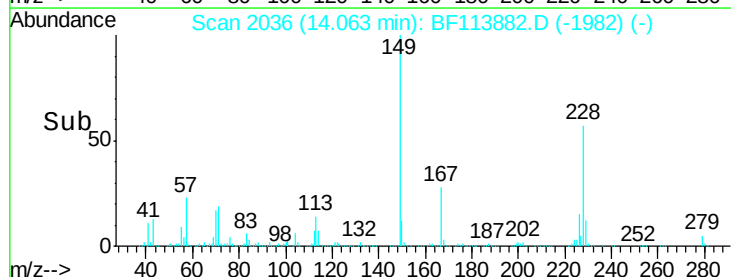
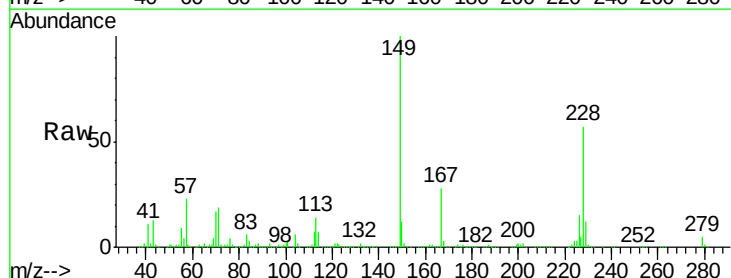
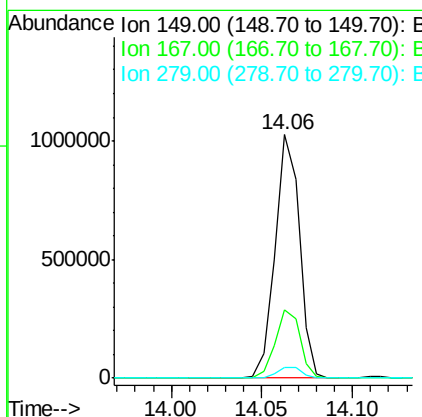
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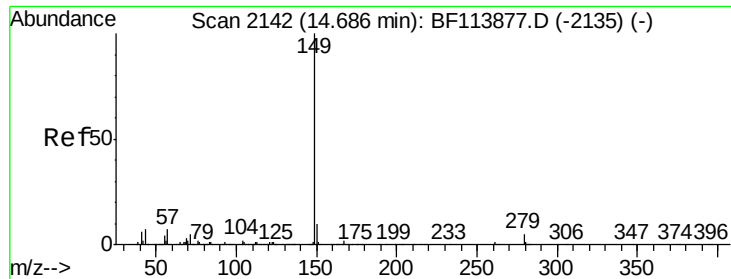
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.675 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion: 149 Resp: 957139
Ion Ratio Lower Upper
149 100
167 28.0 22.9 34.3
279 4.5 4.2 6.2





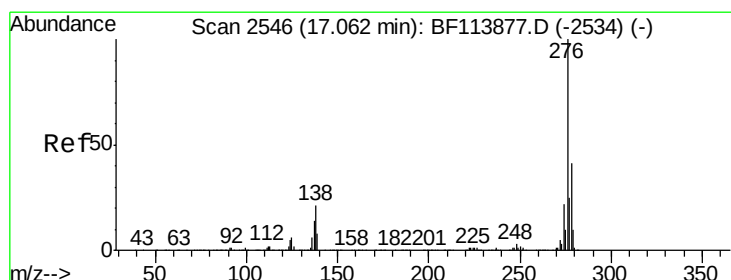
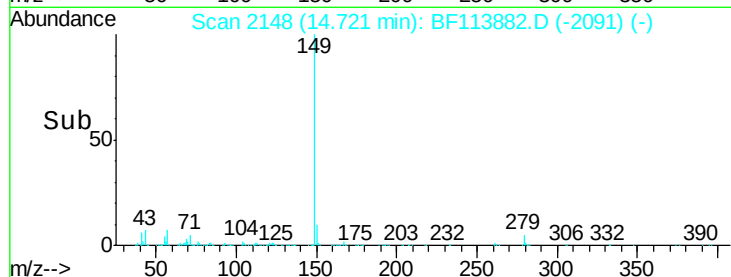
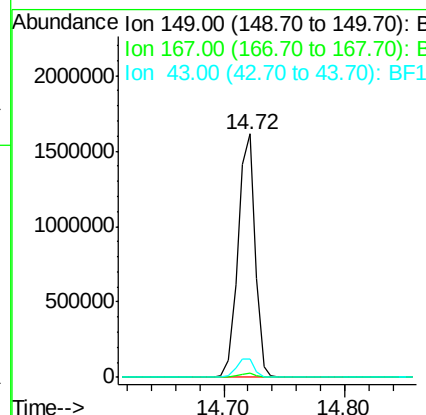
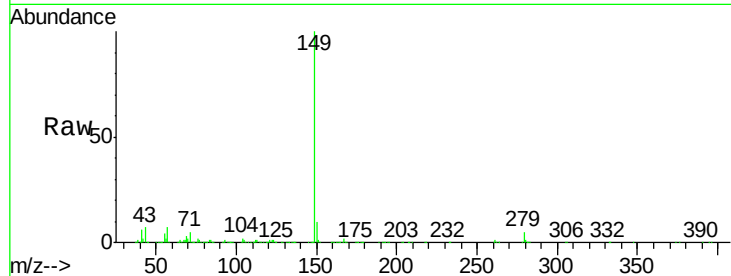
#85
Di-n-octyl phthalate
Concen: 43.194 ng
RT: 14.72 min Scan# 2148
Delta R.T. 0.04 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.6	10.0

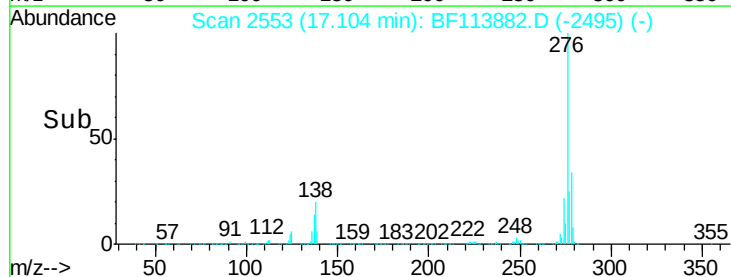
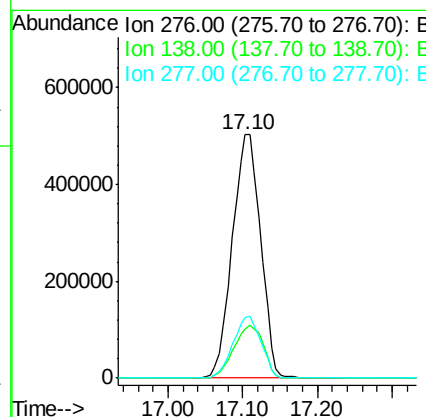
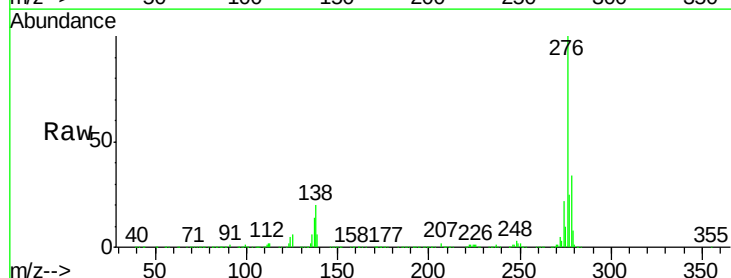
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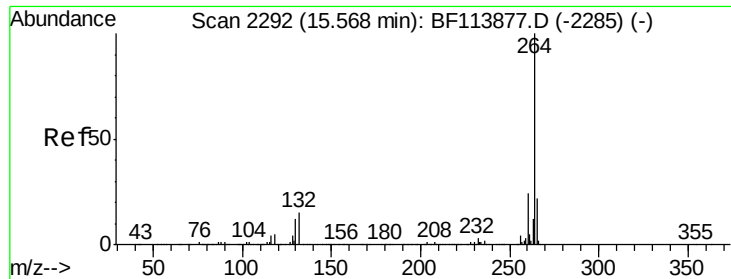
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.232 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.04 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.6	29.4
277	25.2	20.2	30.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.04 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Instrument :

BNA_F

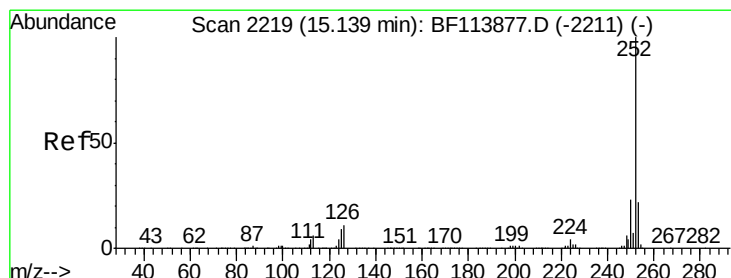
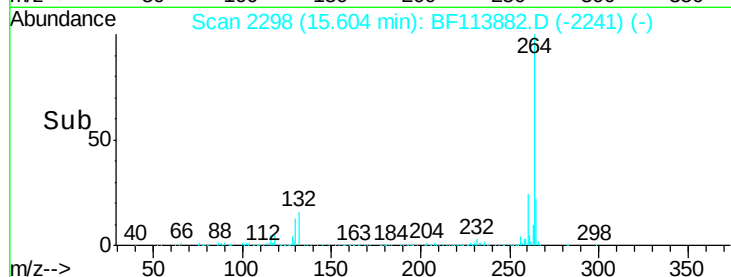
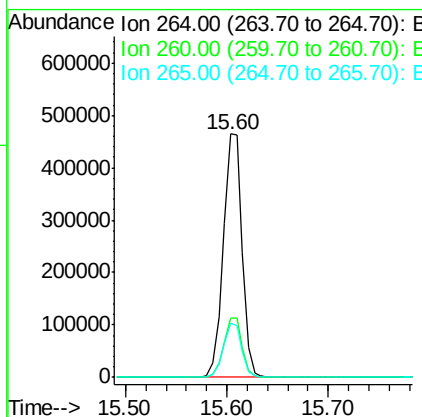
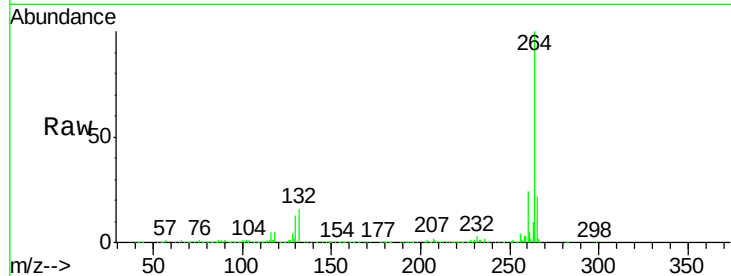
ClientSampleId :

ICVBF042219

Tgt Ion:	264	Resp:	594002
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.9	28.3
265	22.1	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 39.741 ng

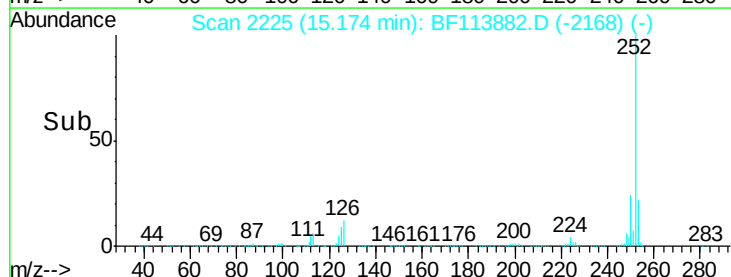
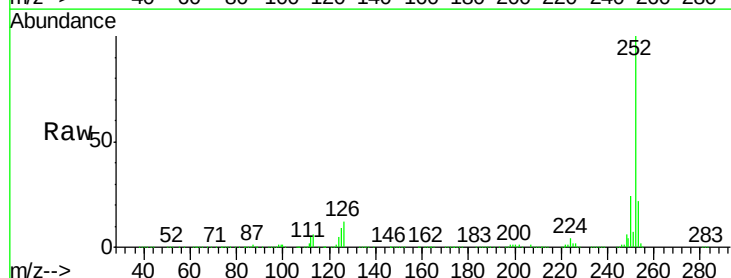
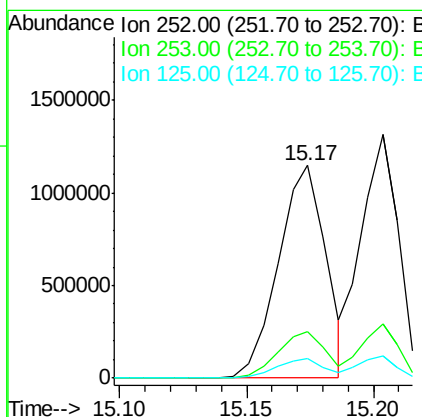
RT: 15.17 min Scan# 2225

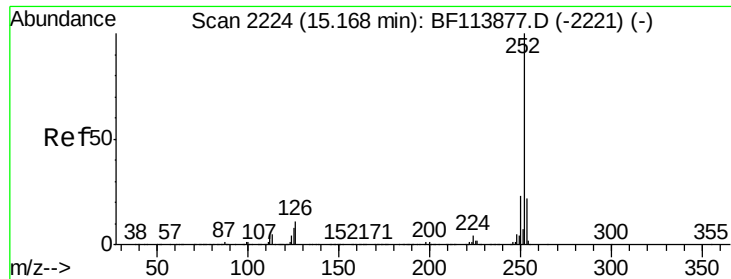
Delta R.T. 0.04 min

Lab File: BF113882.D

Acq: 22 Apr 2019 17:20

Tgt Ion:	252	Resp:	1493553
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	9.0	7.0	10.6





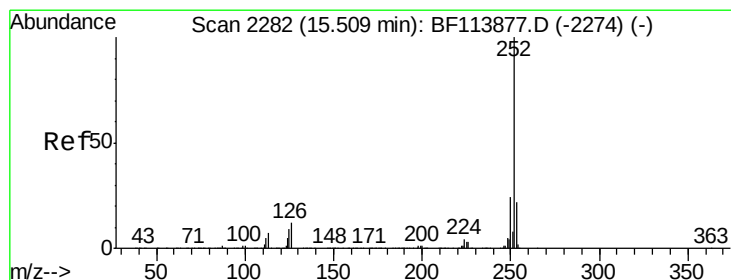
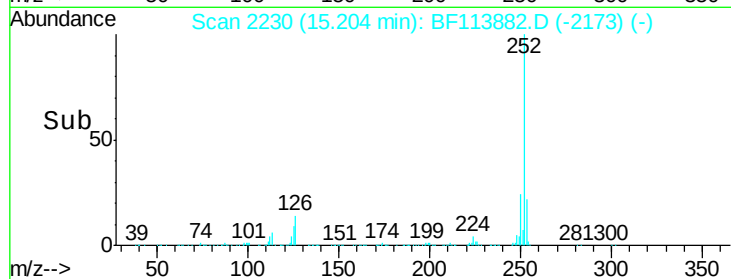
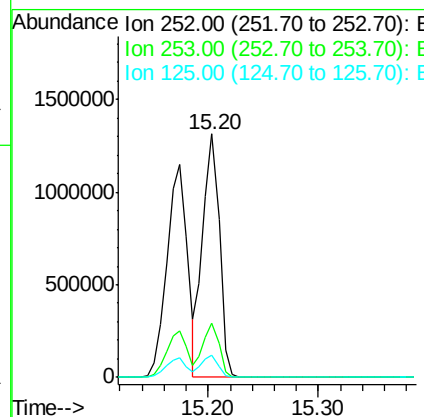
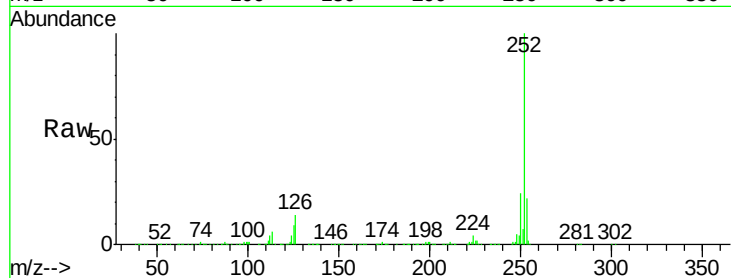
#89
Benzo(k)fluoranthene
Concen: 41.904 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.04 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.1	7.4	11.2

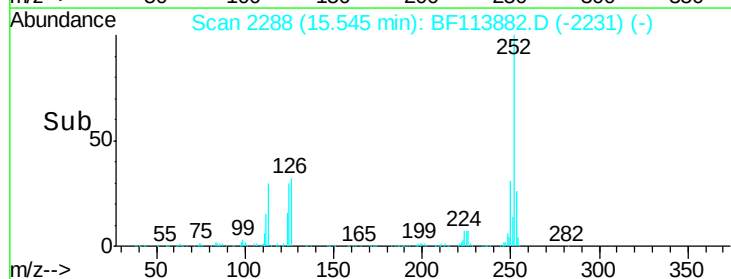
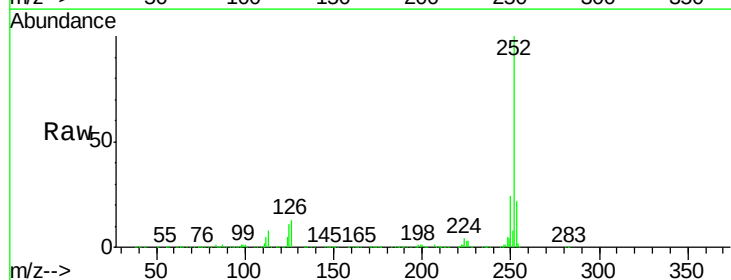
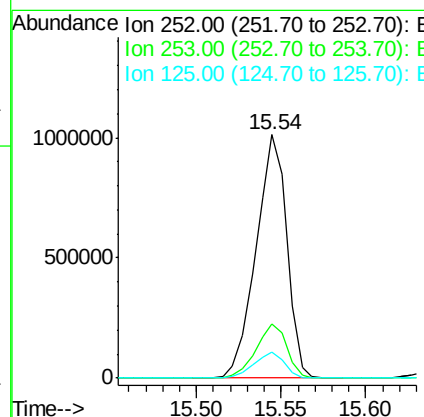
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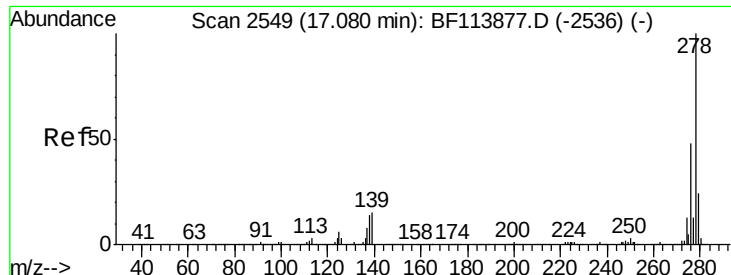
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#90
Benzo(a)pyrene
Concen: 39.658 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.04 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.6	8.5	12.7





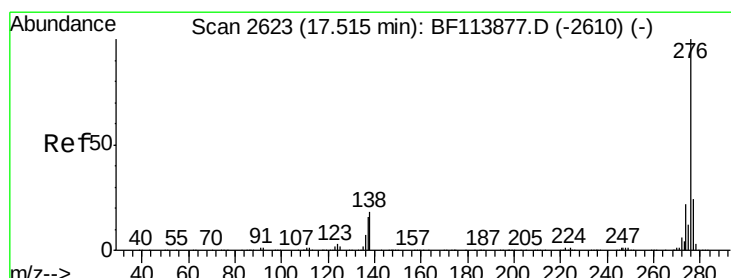
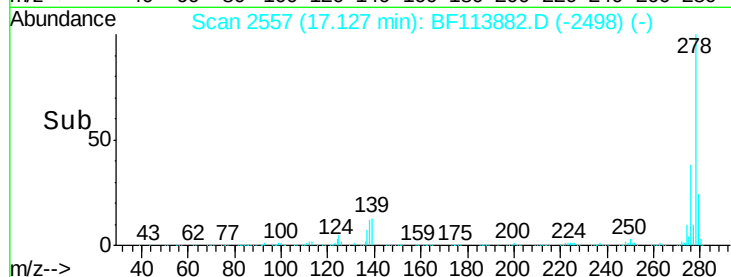
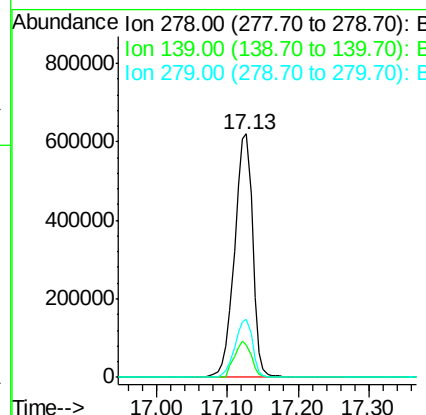
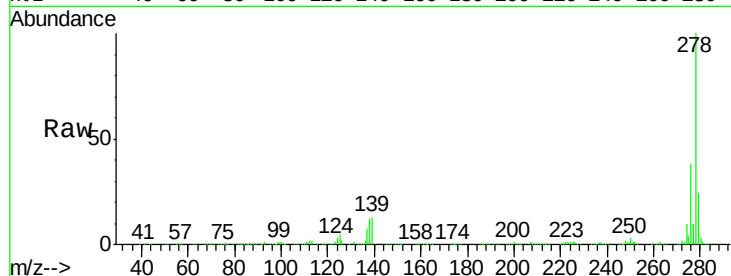
#91
Dibenzo(a,h)anthracene
Concen: 36.296 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.05 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Instrument :
BNA_F
ClientSampleId :
ICVBF042219

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.6	17.4
279	23.6	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 33.845 ng
RT: 17.56 min Scan# 2630
Delta R.T. 0.04 min
Lab File: BF113882.D
Acq: 22 Apr 2019 17:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	20.2	16.6	25.0

