

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113496.D
 Acq On : 2 Apr 2019 7:32
 Operator : JU/SJ
 Sample : PB118478BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Manual Integrations
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Sohil
 4/2/2019 3:50:02 PM

Quant Time: Apr 02 09:26:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	116007	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	450550	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	215990	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	411581	20.00	ng	0.00
76) Chrysene-d12	13.85	240	364735	20.00	ng	0.00
87) Perylene-d12	15.26	264	260962	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	345450	48.69	ng	0.01
7) Phenol-d6	6.35	99	442506	49.30	ng	0.00
23) Nitrobenzene-d5	7.27	82	381016	50.19	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	120364	45.11	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	765631	47.85	ng	0.00
79) Terphenyl-d14	12.79	244	765666	46.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	70743	19.653	ng	98
3) Pyridine	3.11	79	168235	18.958	ng	95
4) n-Nitrosodimethylamine	3.02	42	75813	19.218	ng	95
6) Aniline	6.37	93	209560	19.173	ng	95
8) 2-Chlorophenol	6.50	128	192201	23.329	ng	95
9) Benzaldehyde	6.25	77	125109	20.773	ng	97
10) Phenol	6.37	94	238894	23.315	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	177137	22.553	ng	99
12) 1,3-Dichlorobenzene	6.65	146	205150	23.100	ng	98
13) 1,4-Dichlorobenzene	6.72	146	209727	24.459	ng	100
14) 1,2-Dichlorobenzene	6.87	146	197914	23.461	ng	99
15) Benzyl Alcohol	6.86	79	141115	23.833	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	282855	23.972	ng	90
17) 2-Methylphenol	6.97	107	150299	23.278	ng	98
18) Hexachloroethane	7.22	117	52902	17.177	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	127577	22.629	ng	98
20) 3+4-Methylphenols	7.13	107	195282	22.606	ng	92
22) Acetophenone	7.12	105	255680	24.884	ng	# 97
24) Nitrobenzene	7.29	77	191060	24.120	ng	96
25) Isophorone	7.53	82	349996	23.792	ng	98
26) 2-Nitrophenol	7.61	139	76476	18.265	ng	92
27) 2,4-Dimethylphenol	7.66	122	168994	28.059	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	227006	24.504	ng	98
29) 2,4-Dichlorophenol	7.86	162	162512	24.899	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	173726	24.671	ng	99
31) Naphthalene	8.01	128	551575	25.052	ng	99
32) Benzoic acid	7.75	122	50200m	10.354	ng	
33) 4-Chloroaniline	8.06	127	195274	22.744	ng	99
34) Hexachlorobutadiene	8.13	225	100819	24.089	ng	99
35) Caprolactam	8.42	113	47850	22.843	ng	100
36) 4-Chloro-3-methylphenol	8.56	107	161776	24.643	ng	99
37) 2-Methylnaphthalene	8.70	142	373677	27.200	ng	98
38) 1-Methylnaphthalene	8.80	142	348377	26.364	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	174533	25.173	ng	98

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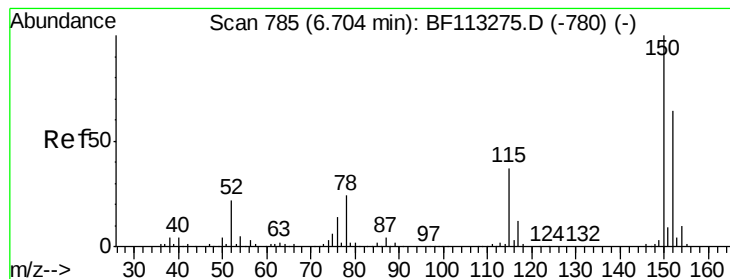
Manual Integrations
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 4/2/2019 3:50:02 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	1622	0.553	ng	94
43) 2,4,6-Trichlorophenol	8.99	196	104975	23.251	ng	97
44) 2,4,5-Trichlorophenol	9.03	196	114467	22.909	ng	98
46) 1,1'-Biphenyl	9.16	154	455629	25.257	ng	99
47) 2-Chloronaphthalene	9.19	162	345035	24.842	ng	98
48) 2-Nitroaniline	9.29	65	108779	24.956	ng	99
49) Acenaphthylene	9.60	152	553944	24.666	ng	99
50) Dimethylphthalate	9.46	163	398557	24.900	ng	100
51) 2,6-Dinitrotoluene	9.53	165	78808	21.824	ng	92
52) Acenaphthene	9.77	154	314119	24.837	ng	100
53) 3-Nitroaniline	9.70	138	105286	25.855	ng	97
54) 2,4-Dinitrophenol	9.83	184	1634	0.910	ng	# 65
55) Dibenzofuran	9.95	168	483561	25.433	ng	97
56) 4-Nitrophenol	9.88	139	96380	33.197	ng	89
57) 2,4-Dinitrotoluene	9.93	165	94736	20.630	ng	92
58) Fluorene	10.29	166	371186	25.131	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	92111	21.800	ng	97
60) Diethylphthalate	10.16	149	391284	24.919	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	188462	26.180	ng	94
62) 4-Nitroaniline	10.30	138	105980	25.277	ng	96
63) Azobenzene	10.43	77	348463	23.575	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	2573	1.143	ng	74
66) n-Nitrosodiphenylamine	10.39	169	333736	26.425	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	113681	25.342	ng	98
68) Hexachlorobenzene	10.84	284	128740	24.725	ng	98
69) Atrazine	10.92	200	99427	24.942	ng	97
70) Pentachlorophenol	11.04	266	96996	35.754	ng	98
71) Phenanthrene	11.24	178	511324	25.017	ng	98
72) Anthracene	11.29	178	542818	26.146	ng	99
73) Carbazole	11.45	167	504715	25.477	ng	98
74) Di-n-butylphthalate	11.78	149	618532	26.924	ng	98
75) Fluoranthene	12.43	202	582593	25.214	ng	97
77) Benzidine	12.55	184	497976	35.653	ng	96
78) Pyrene	12.65	202	592655	23.448	ng	99
80) Butylbenzylphthalate	13.27	149	256683	23.044	ng	96
81) Benzo(a)anthracene	13.84	228	498315	23.868	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	213868	25.535	ng	98
83) Chrysene	13.87	228	513055	24.193	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	346484	25.374	ng	99
85) Di-n-octyl phthalate	14.43	149	627959	27.092	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	348274	19.136	ng	98
88) Benzo(b)fluoranthene	14.86	252	402742	24.844	ng	99
89) Benzo(k)fluoranthene	14.88	252	400030	28.100	ng	99
90) Benzo(a)pyrene	15.20	252	358760	24.963	ng	99
91) Dibenzo(a,h)anthracene	16.63	278	298102	23.989	ng	99
92) Benzo(g,h,i)perylene	17.03	276	286637	22.877	ng	98

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



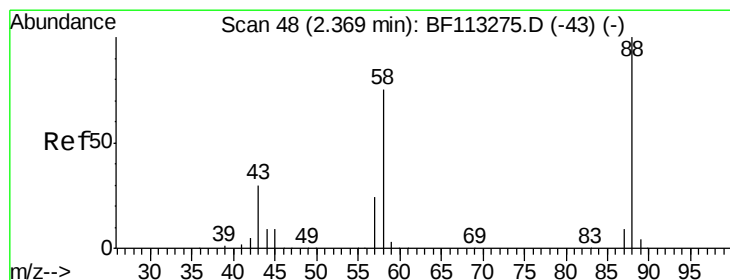
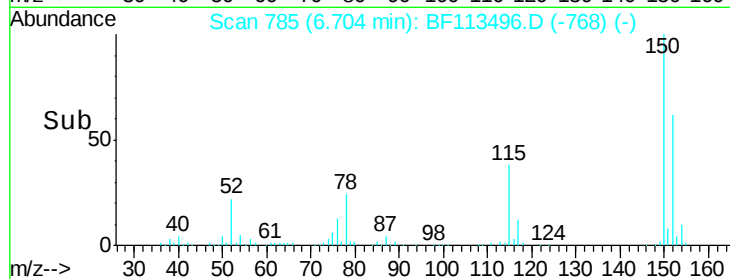
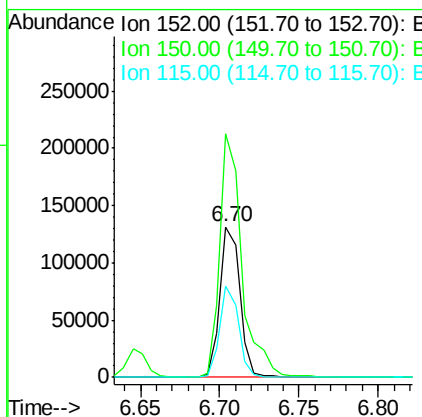
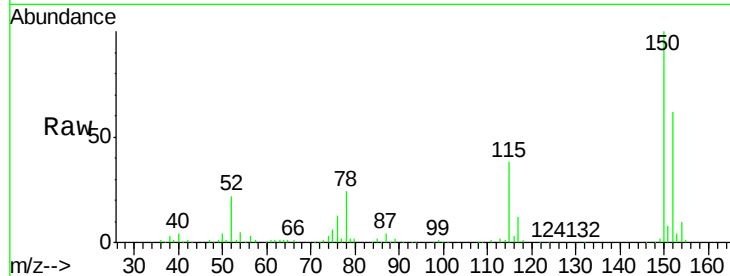
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.7	187.1
115	60.8	46.0	69.0

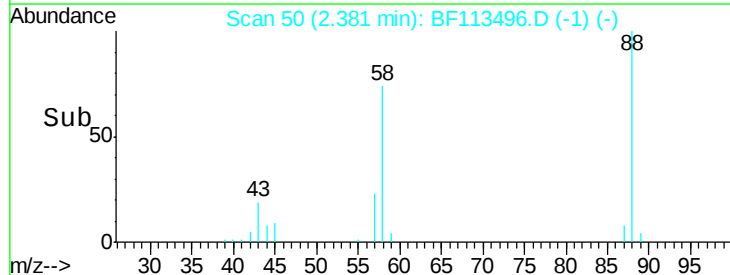
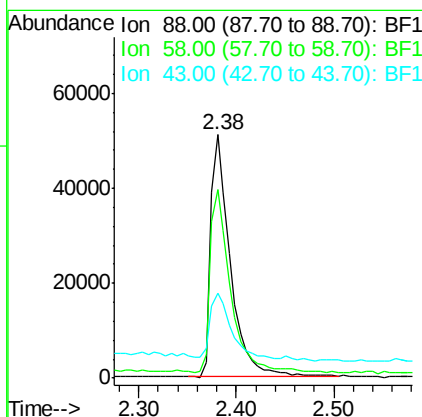
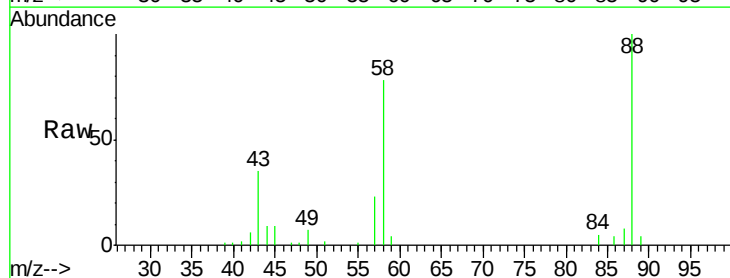
Manual Integrations
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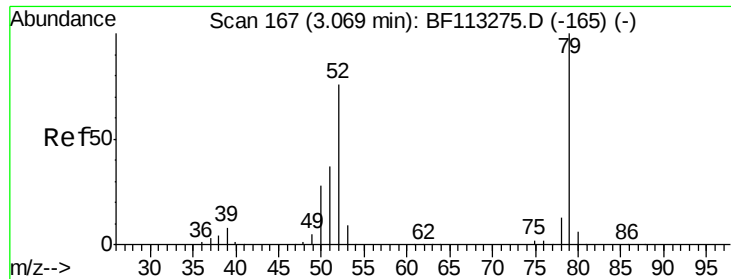
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#2
 1,4-Dioxane
 Concen: 19.653 ng
 RT: 2.38 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.4	61.9	92.9
43	28.1	24.2	36.4





#3

Pyridine

Concen: 18.958 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.04 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

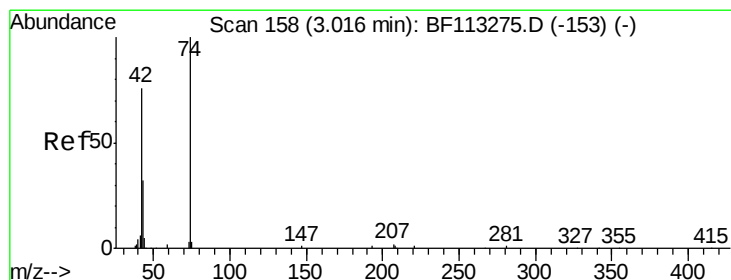
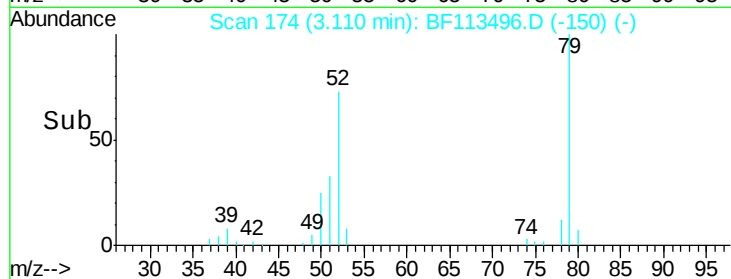
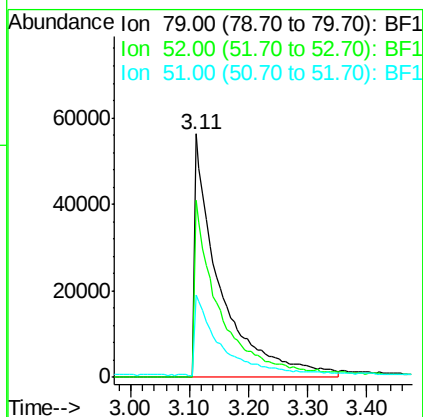
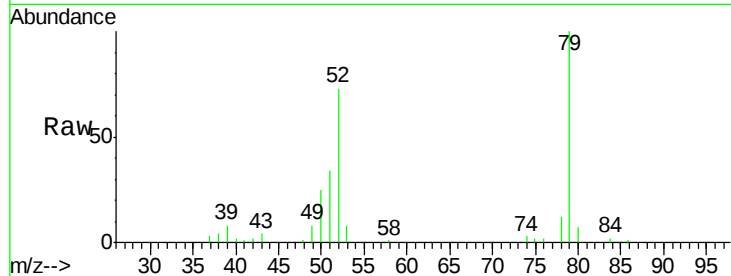
ClientSampleId :

PB118478BSD

Tgt Ion:	79	Resp:	168235
Ion Ratio	Lower	Upper	
79	100		
52	73.0	61.0	91.4
51	33.9	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 19.218 ng

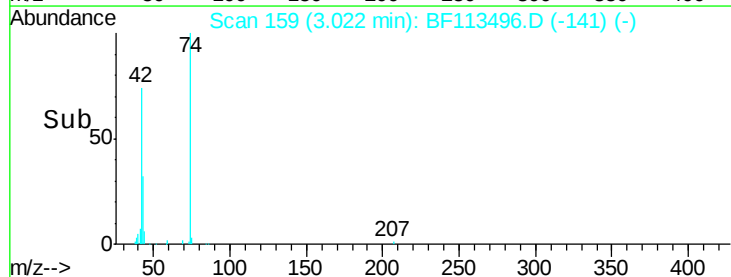
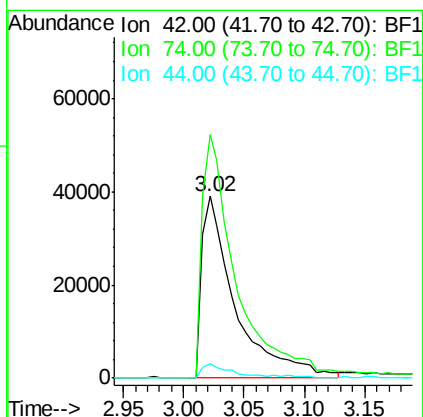
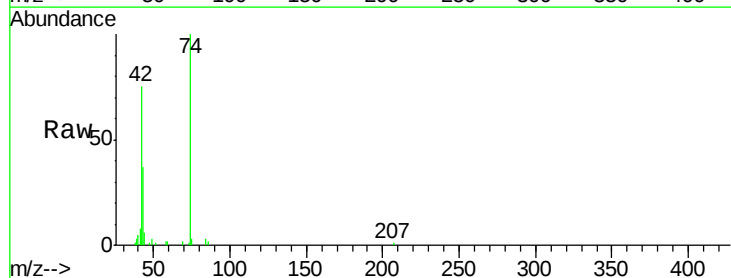
RT: 3.02 min Scan# 159

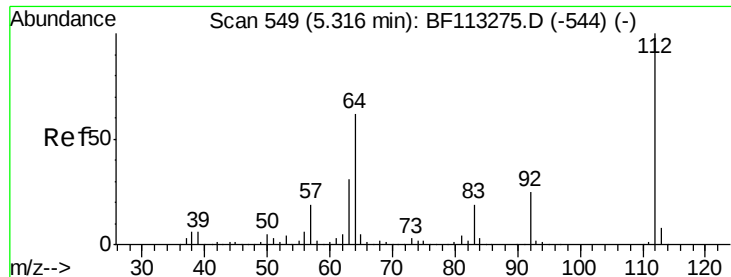
Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Tgt Ion:	42	Resp:	75813
Ion Ratio	Lower	Upper	
42	100		
74	133.9	102.4	153.6
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 48.691 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

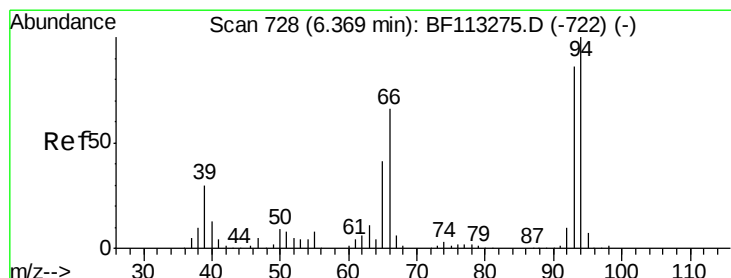
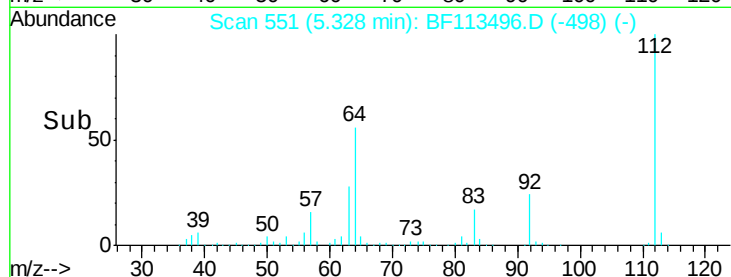
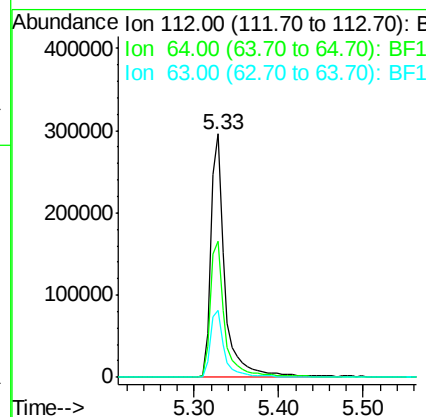
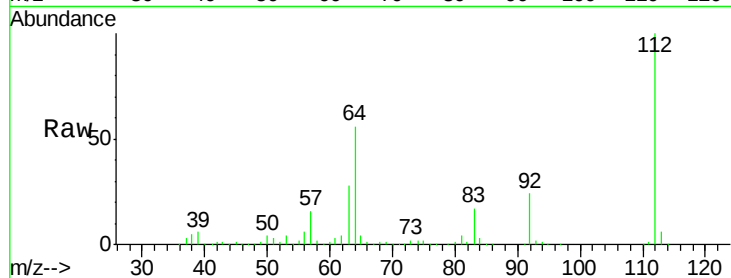
ClientSampleId :

PB118478BSD

Tgt Ion:	112	Resp:	345450
Ion Ratio	Lower	Upper	
112	100		
64	55.9	49.2	73.8
63	27.6	24.9	37.3

Manual Integrations
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#6

Aniline

Concen: 19.173 ng

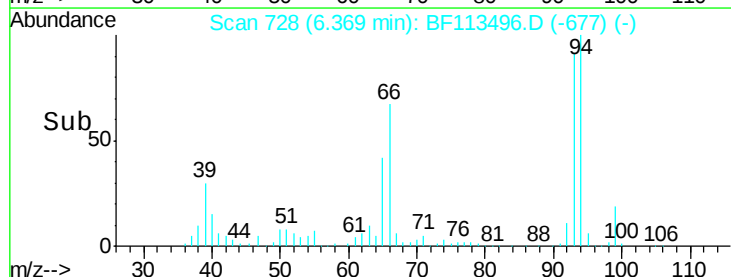
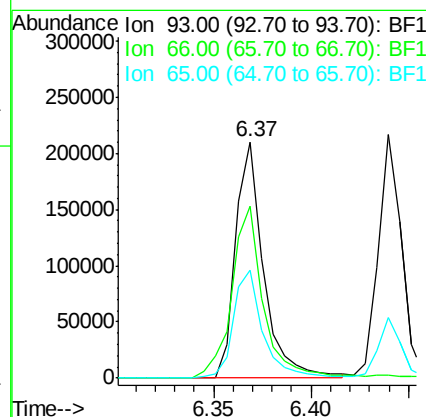
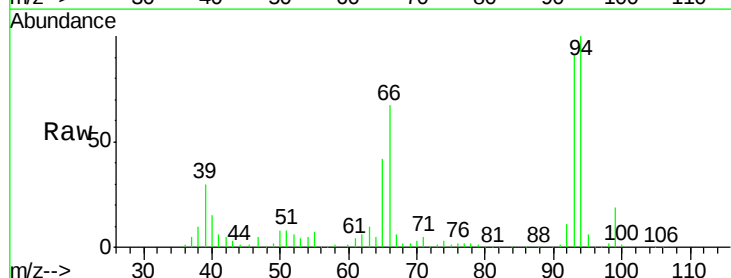
RT: 6.37 min Scan# 728

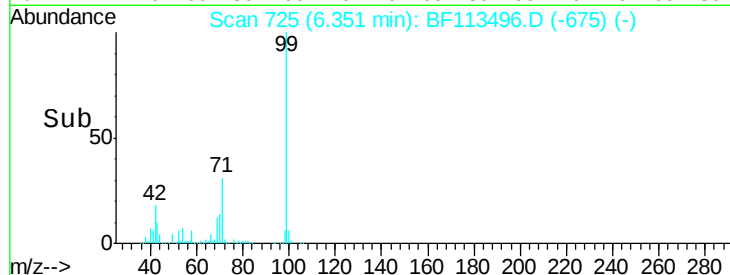
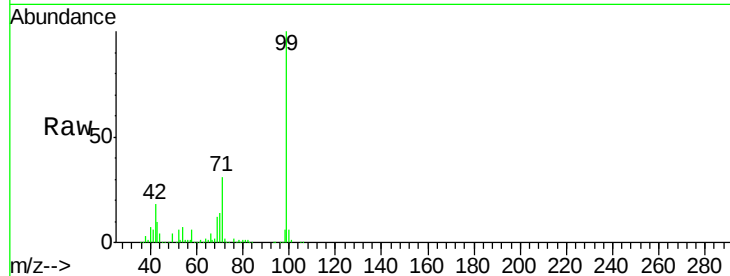
Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Tgt Ion:	93	Resp:	209560
Ion Ratio	Lower	Upper	
93	100		
66	73.0	62.1	93.1
65	45.4	38.7	58.1





#7

Phenol-d6

Concen: 49.303 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Tgt Ion:	99	Resp:	442506
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.8	22.2
71	31.1	24.9	37.3

Instrument :

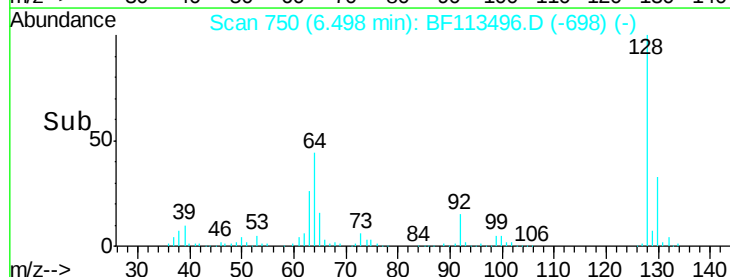
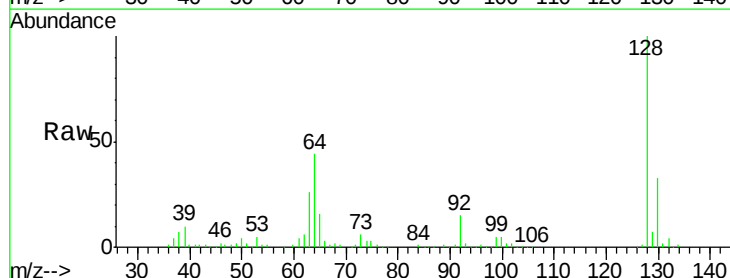
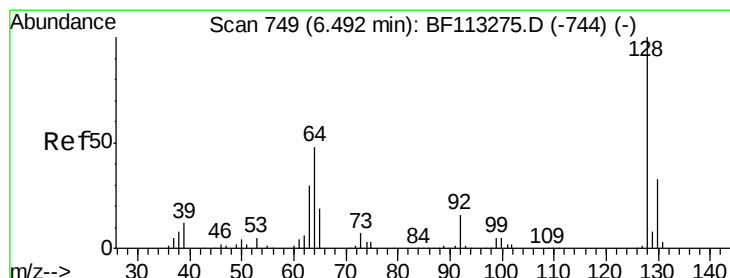
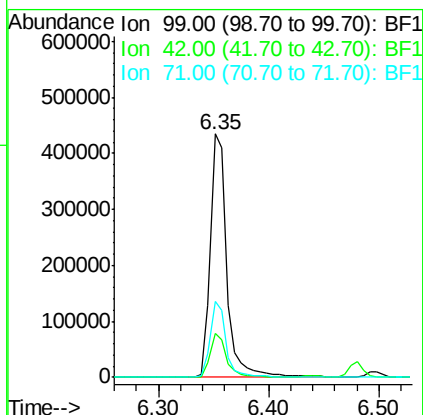
BNA_F

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#8

2-Chlorophenol

Concen: 23.329 ng

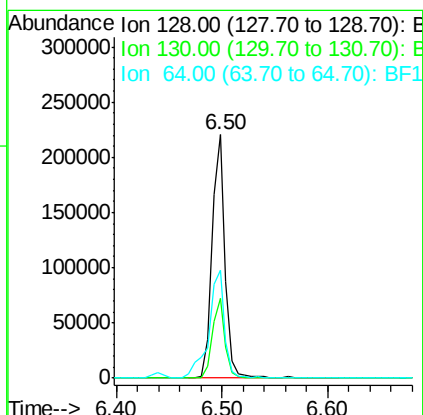
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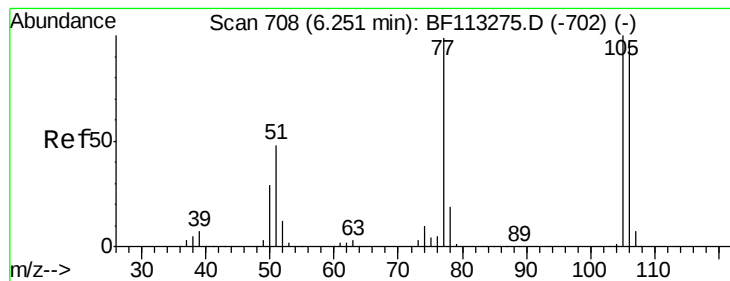
Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Tgt Ion:	128	Resp:	192201
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.6	52.6
64	44.4	29.4	69.4





#9

Benzaldehyde

Concen: 20.773 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampleId :

PB118478BSD

Tgt Ion: 77 Resp: 125109

Ion Ratio Lower Upper

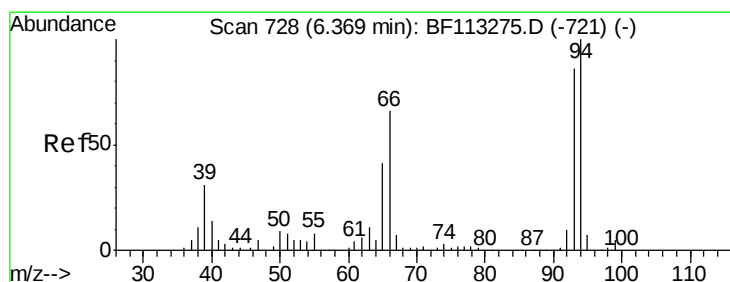
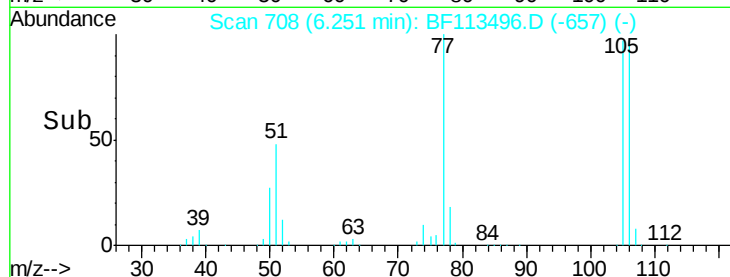
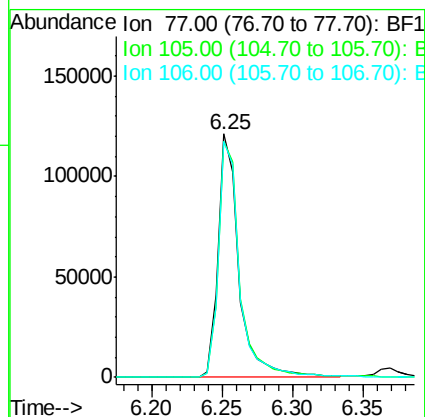
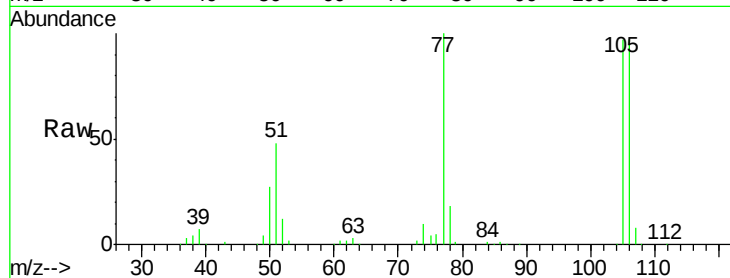
77 100

105 96.7 80.9 120.9

106 96.9 77.8 117.8

Manual Integrations
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#10

Phenol

Concen: 23.315 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

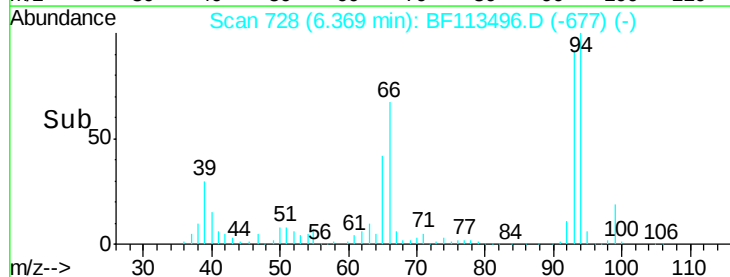
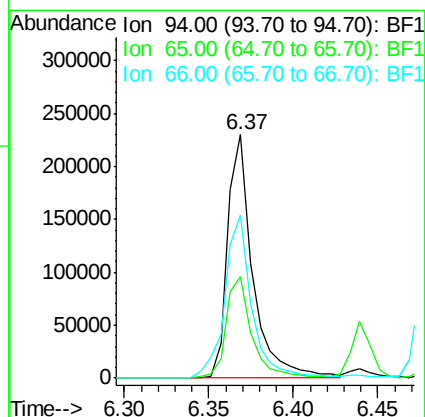
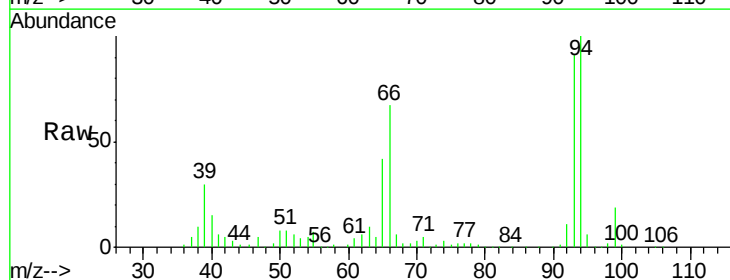
Tgt Ion: 94 Resp: 238894

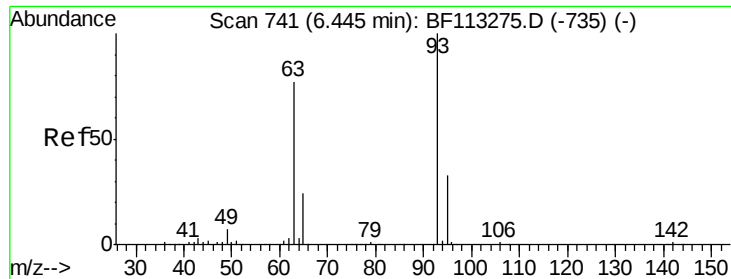
Ion Ratio Lower Upper

94 100

65 41.5 21.4 61.4

66 66.8 46.4 86.4





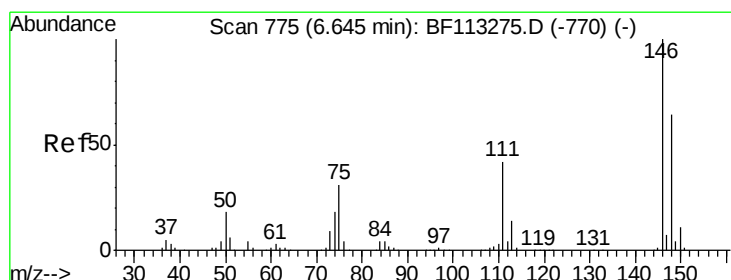
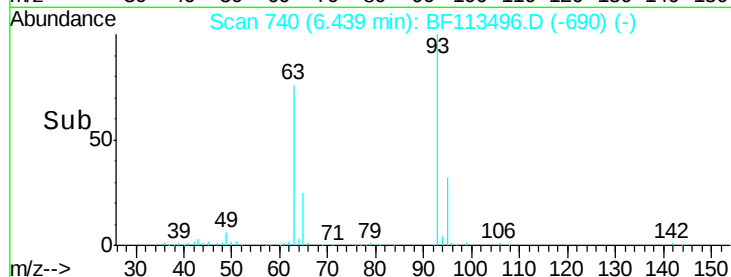
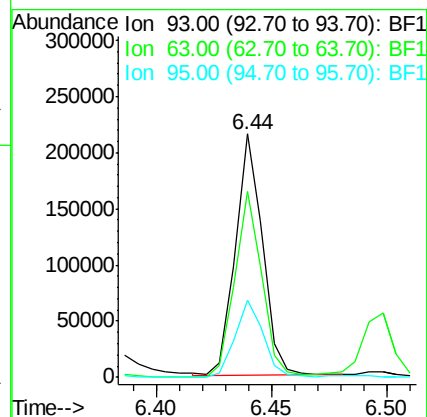
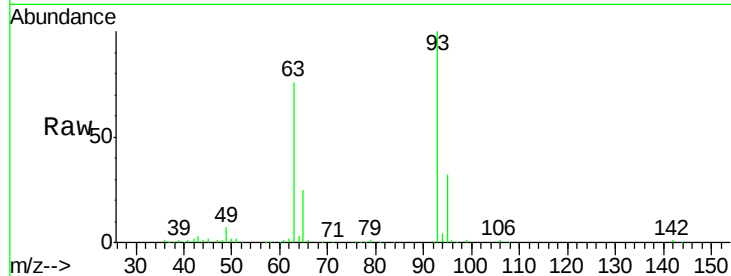
#11
bis(2-Chloroethyl)ether
Concen: 22.553 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	177137		
63	76.4	56.1	96.1	
95	32.0	12.8	52.8	

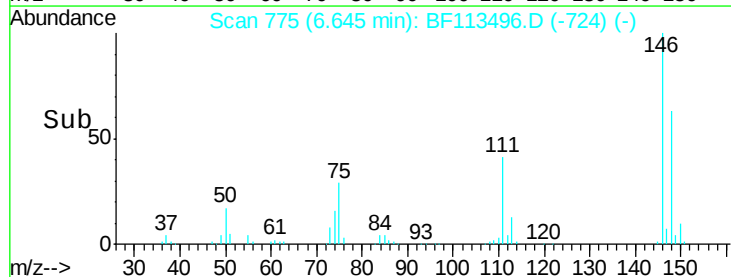
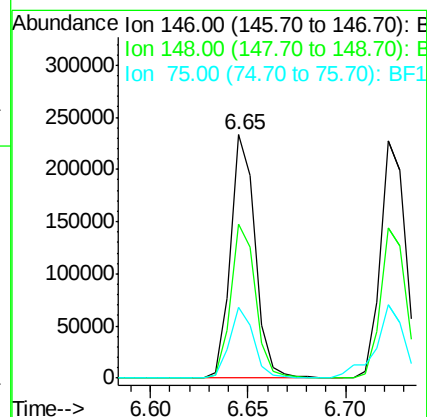
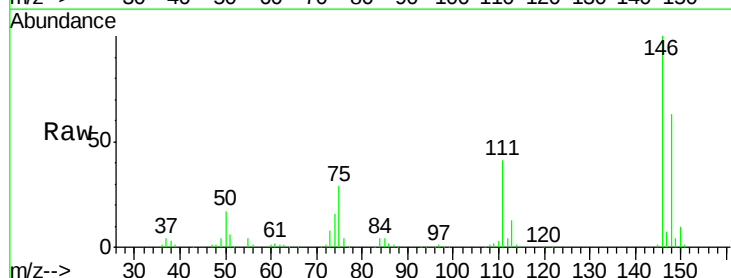
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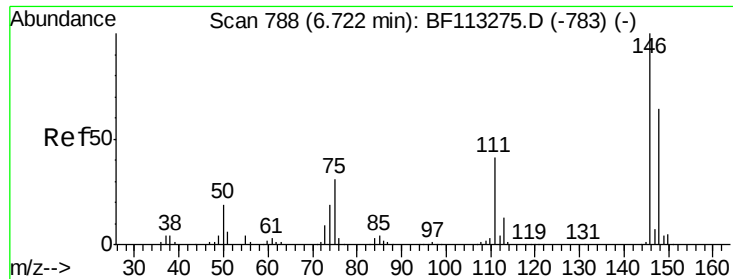
Sohil
4/2/2019 3:50:02 PM



#12
1,3-Dichlorobenzene
Concen: 23.100 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	205150		
148	63.2	51.4	77.0	
75	29.3	24.8	37.2	





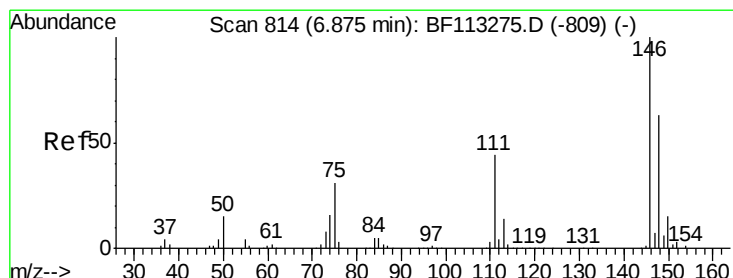
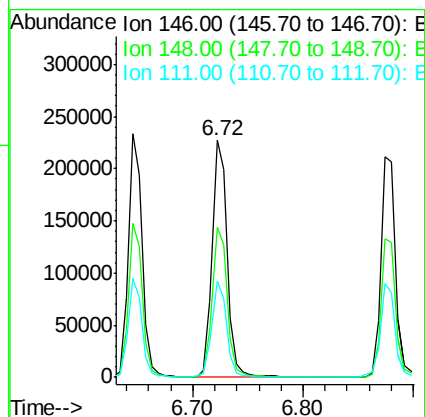
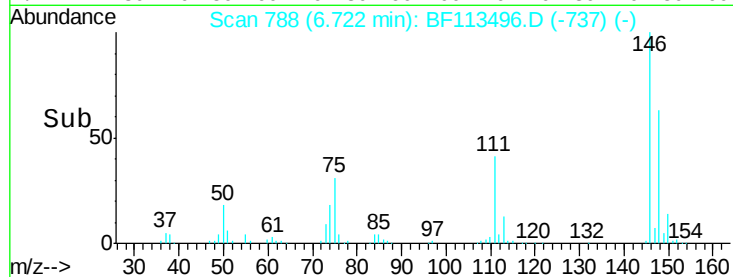
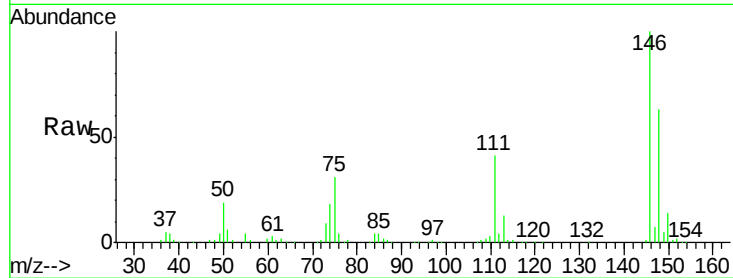
#13
 1,4-Dichlorobenzene
 Concen: 24.459 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	40.9	32.8	49.2

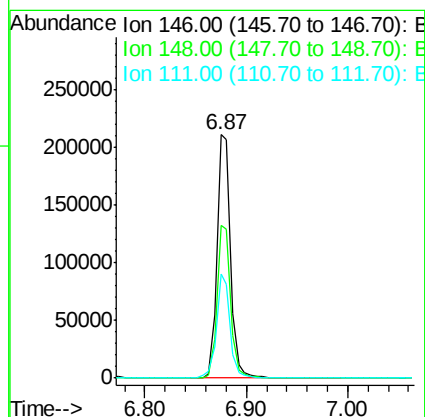
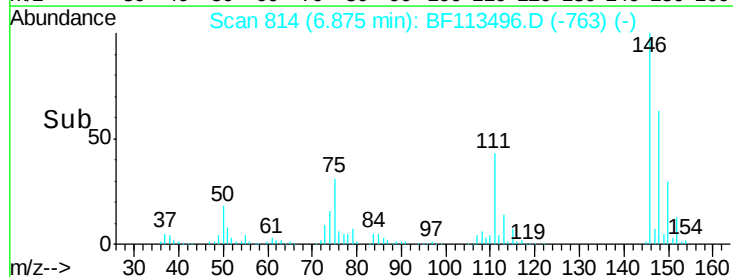
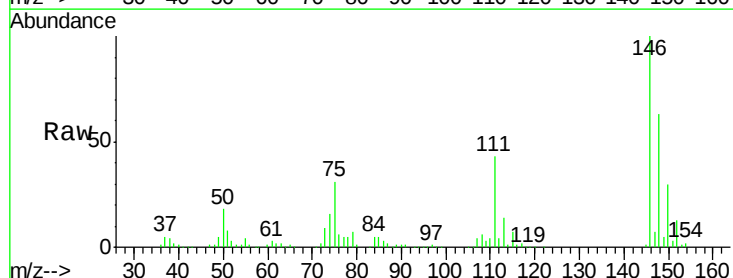
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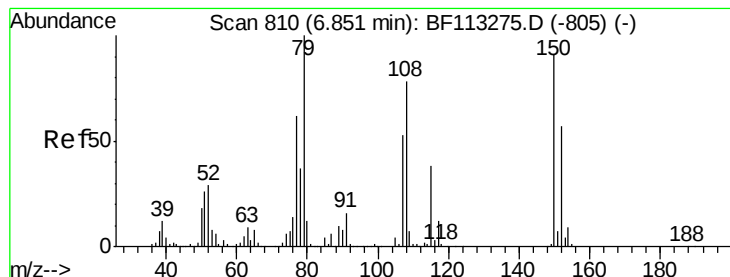
Sohil
 4/2/2019 3:50:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 23.461 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.2	75.4
111	42.5	35.4	53.2





#15

Benzyl Alcohol

Concen: 23.833 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

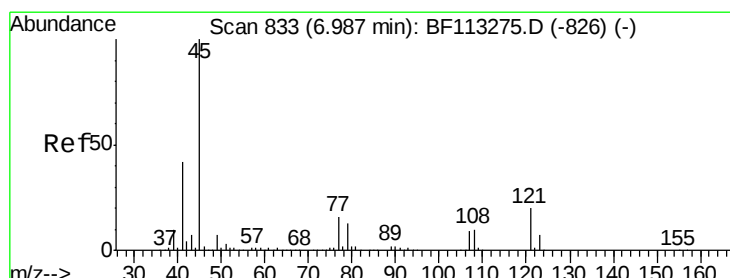
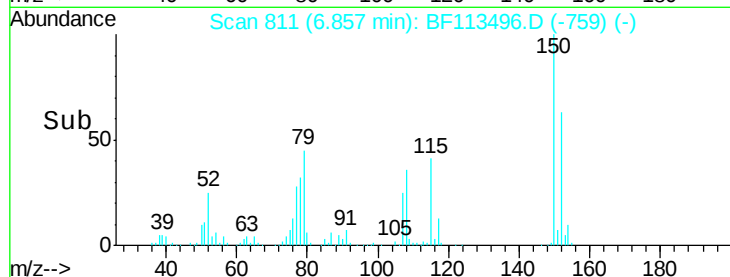
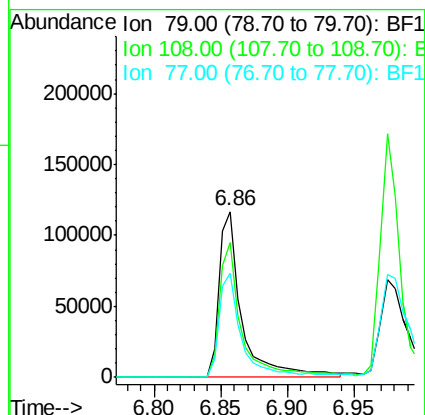
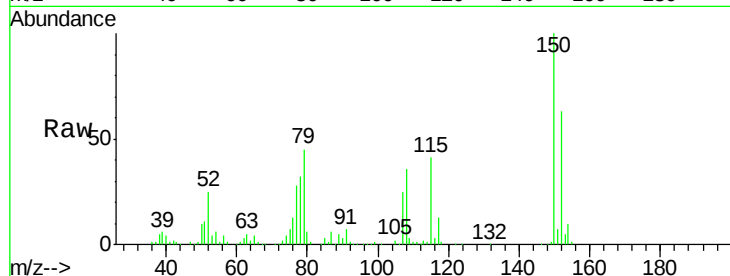
ClientSampleId :

PB118478BSD

Tgt Ion:	79	Resp:	141115
Ion Ratio	Lower	Upper	
79	100		
108	81.0	62.0	93.0
77	62.7	49.9	74.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.972 ng

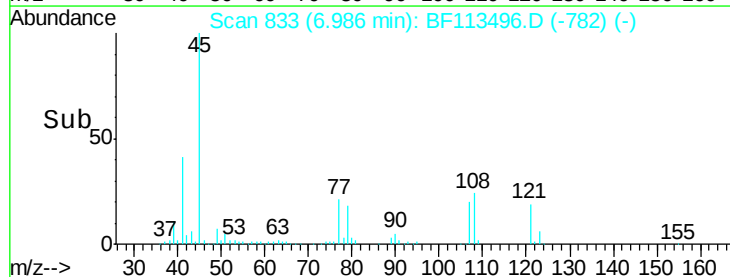
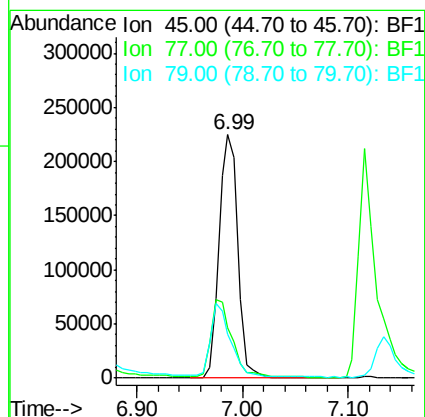
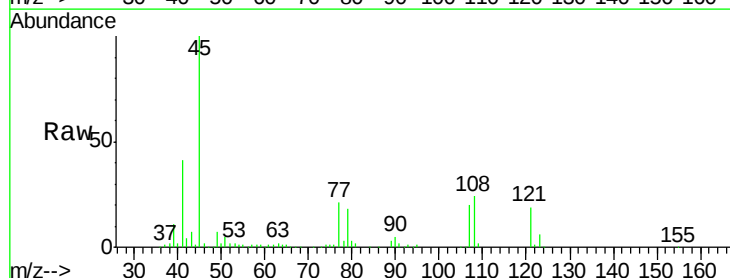
RT: 6.99 min Scan# 833

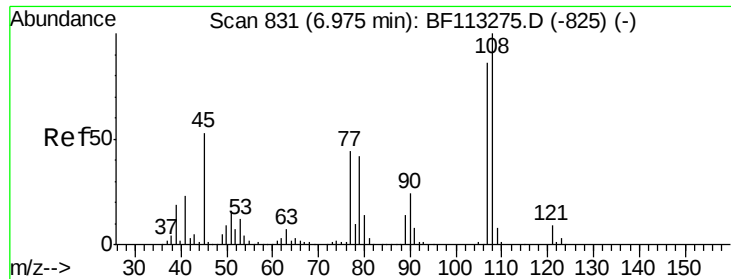
Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Tgt Ion:	45	Resp:	282855
Ion Ratio	Lower	Upper	
45	100		
77	20.6	0.0	36.6
79	18.1	0.0	34.0





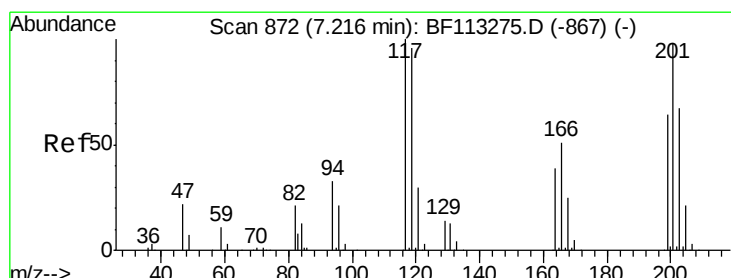
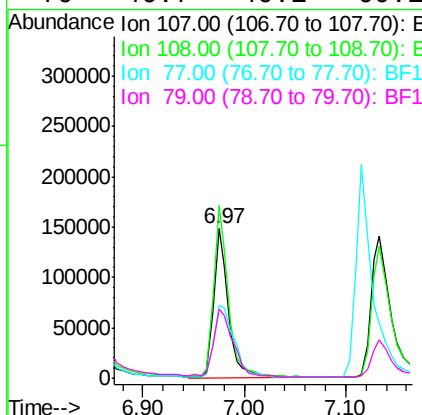
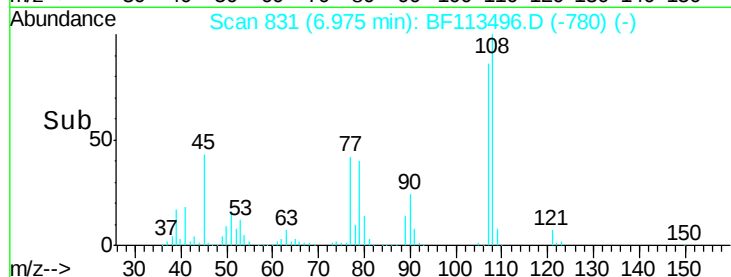
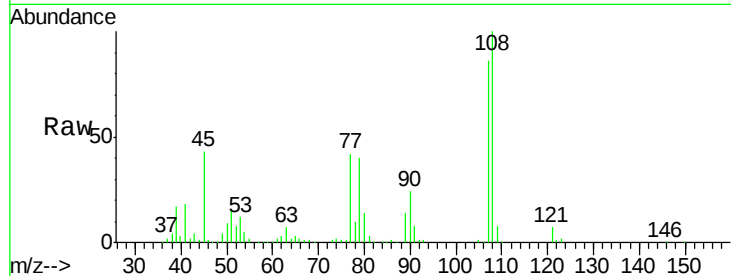
#17
2-Methylphenol
Concen: 23.278 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	150299		
108	115.9	93.4	140.0	
77	48.8	41.2	61.8	
79	46.7	40.1	60.1	

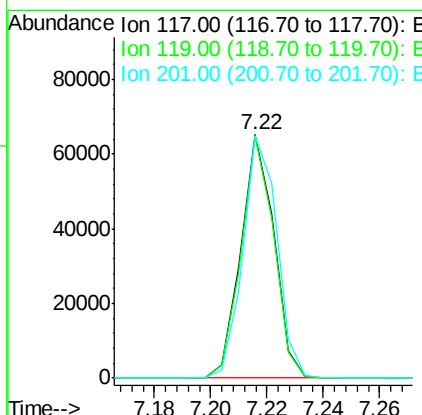
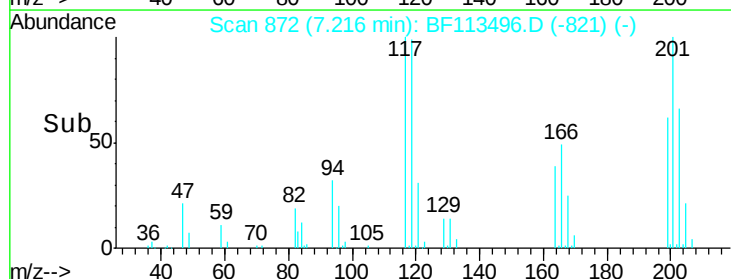
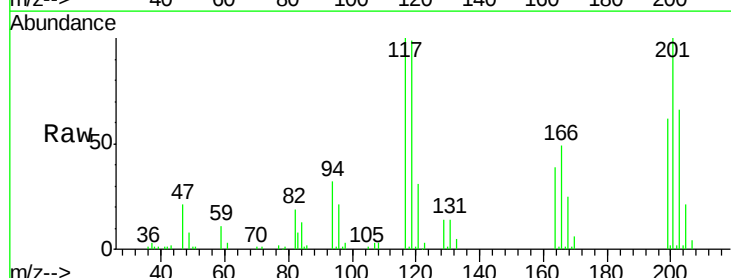
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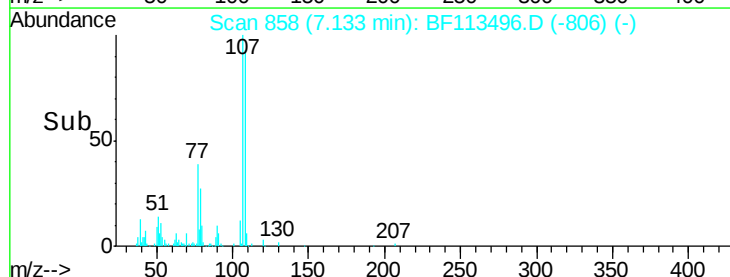
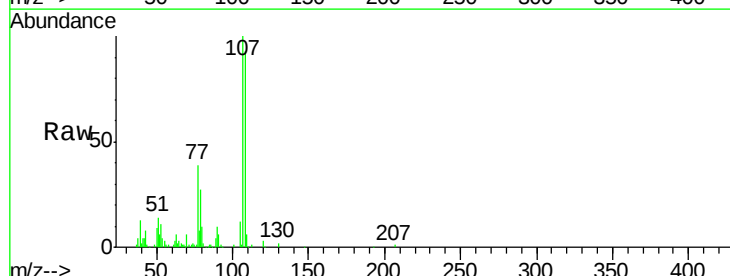
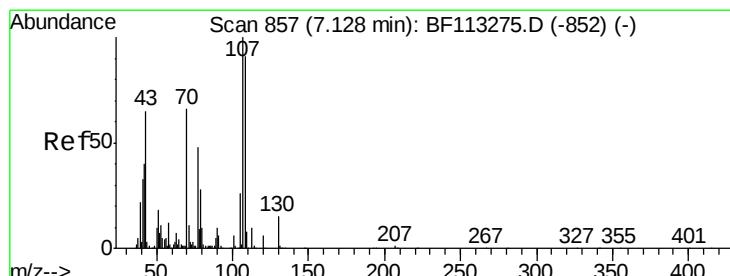
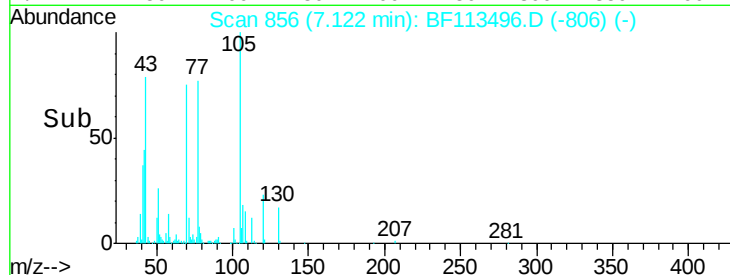
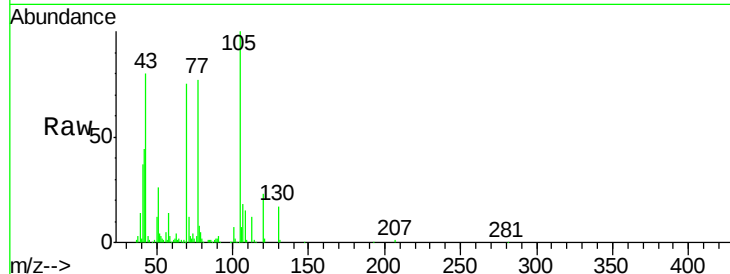
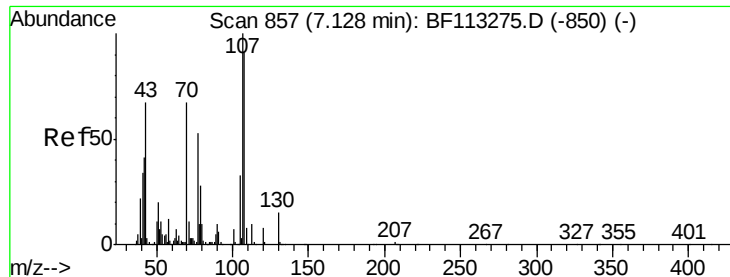
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#18
Hexachloroethane
Concen: 17.177 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52902		
119	99.4	76.9	115.3	
201	99.5	78.7	118.1	





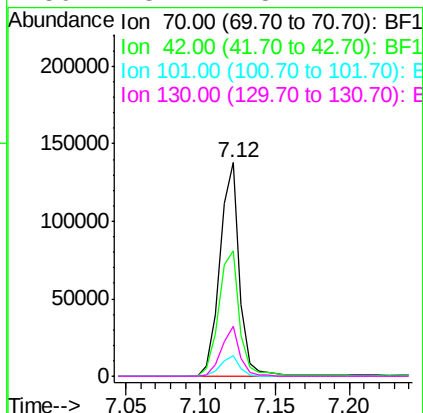
#19
n-Nitroso-di-n-propylamine
Concen: 22.629 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.7	48.4	72.6
101	9.5	7.8	11.8
130	23.1	18.2	27.4

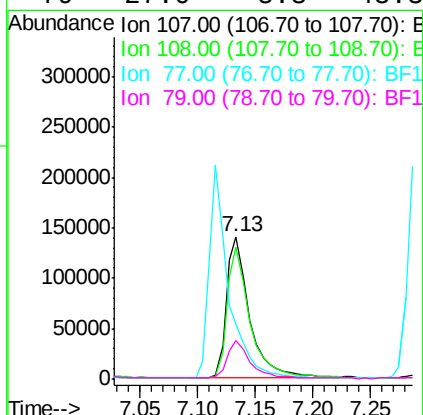
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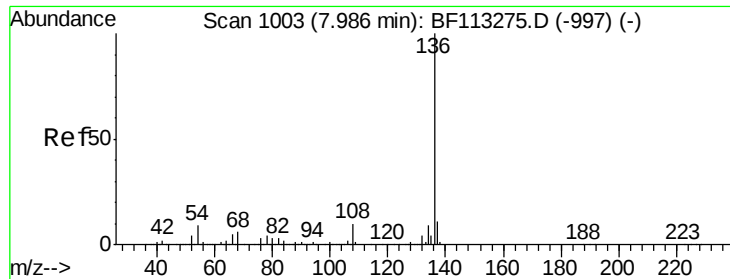
Sohil
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#20
3+4-Methylphenols
Concen: 22.606 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	71.4	111.4
77	38.5	33.5	73.5
79	27.0	8.3	48.3





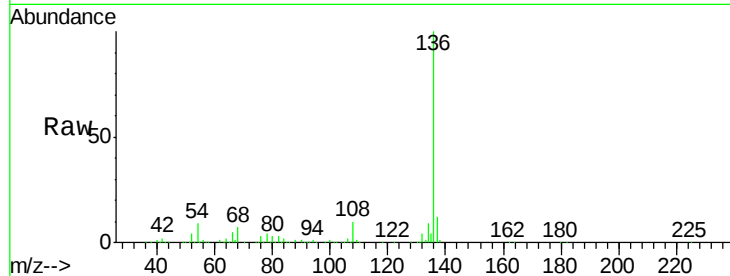
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

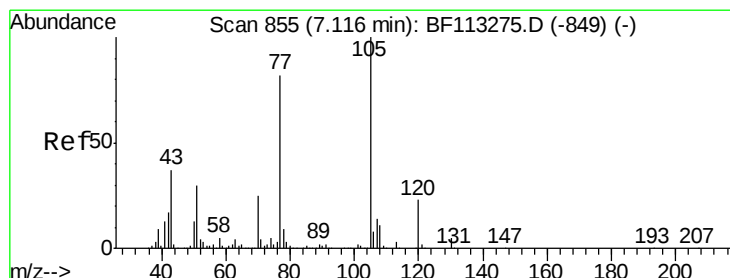
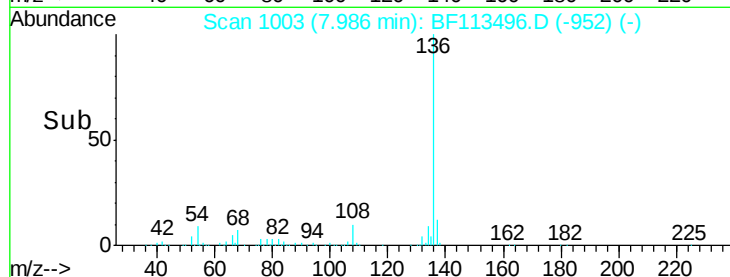
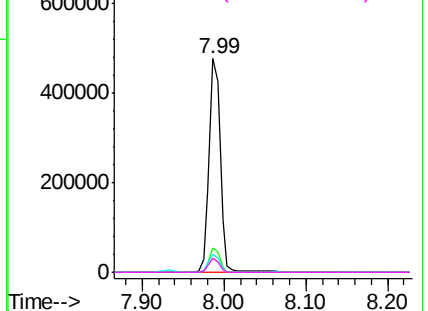
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	450550		
137	11.6	8.9	13.3	
54	8.7	7.0	10.6	
68	6.5	4.8	7.2	

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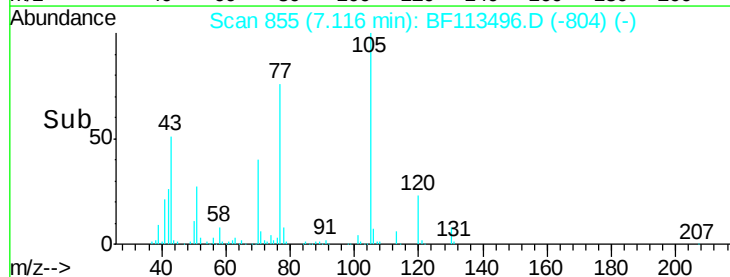
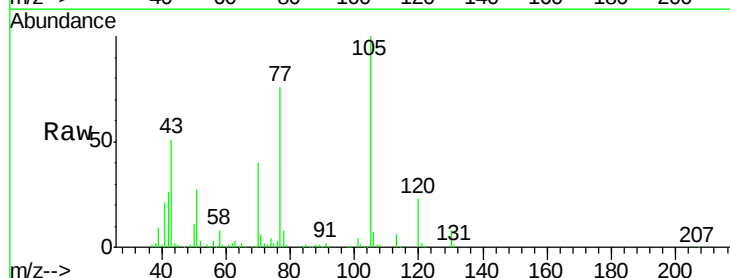
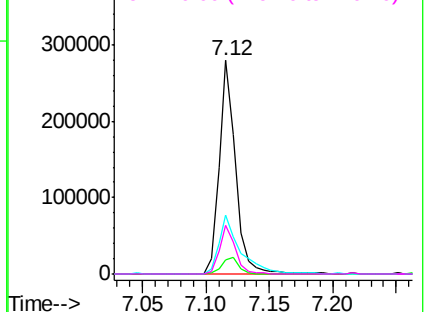
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

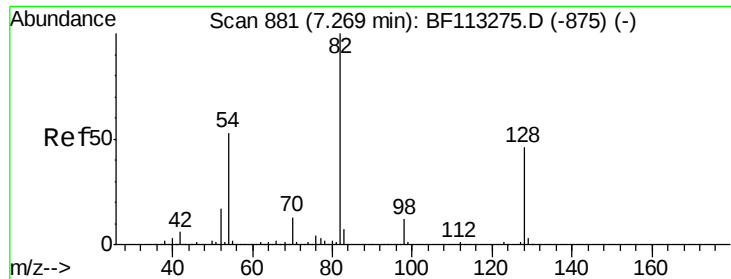


#22
Acetophenone
Concen: 24.884 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	255680		
71	6.3	3.3	4.9#	
51	27.4	24.2	36.2	
120	22.7	18.1	27.1	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





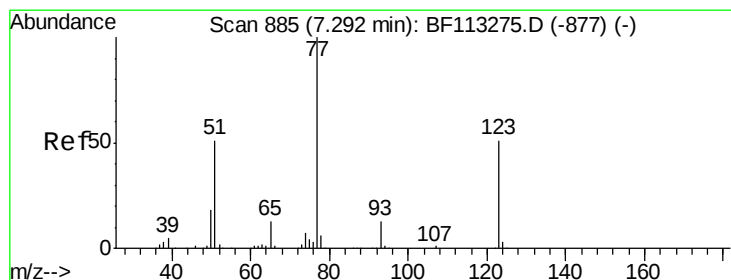
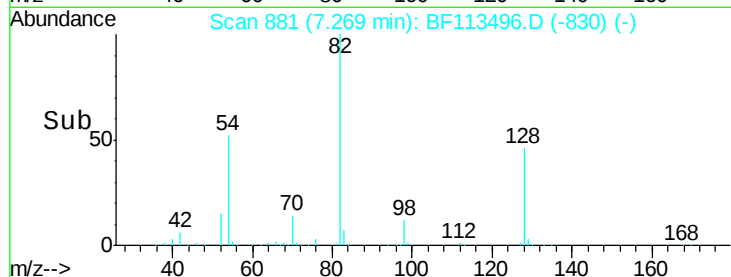
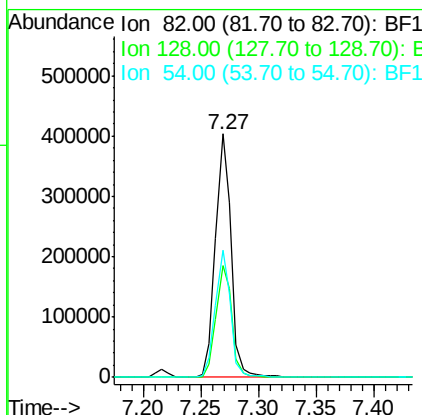
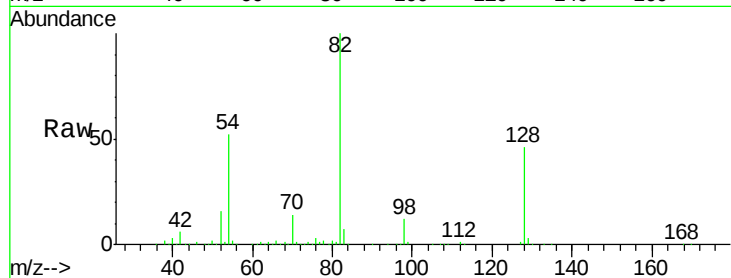
#23
 Nitrobenzene-d5
 Concen: 50.194 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	381016		
128	46.1	36.5	54.7	
54	52.4	42.2	63.2	

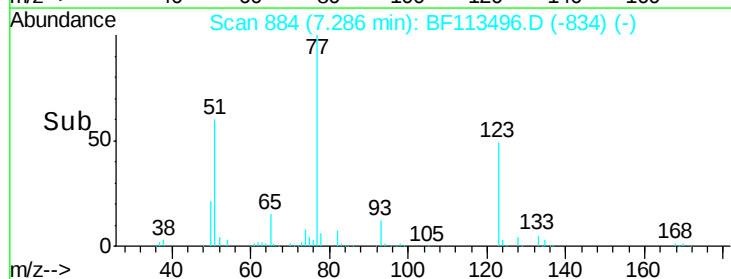
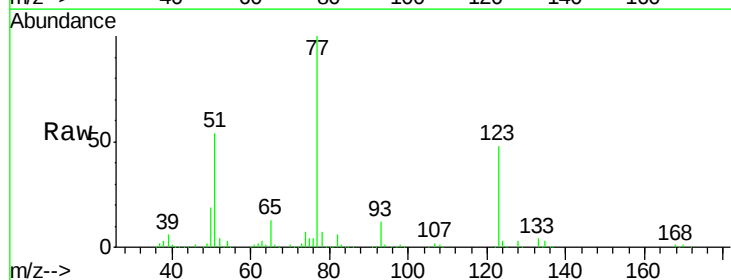
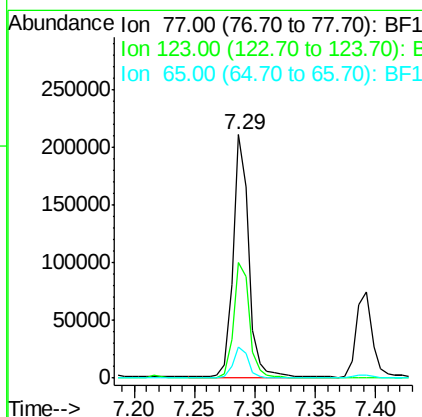
Manual Integrations
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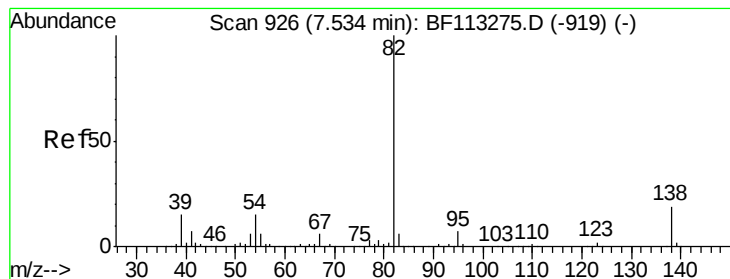
Sohil
 4/2/2019 3:50:02 PM



#24
 Nitrobenzene
 Concen: 24.120 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	191060		
123	47.6	40.8	61.2	
65	12.9	10.6	16.0	





#25

Isophorone

Concen: 23.792 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampleId :

PB118478BSD

Tgt Ion: 82 Resp: 349996
Ion Ratio Lower Upper

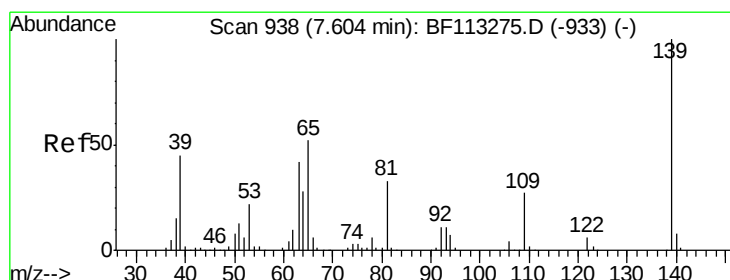
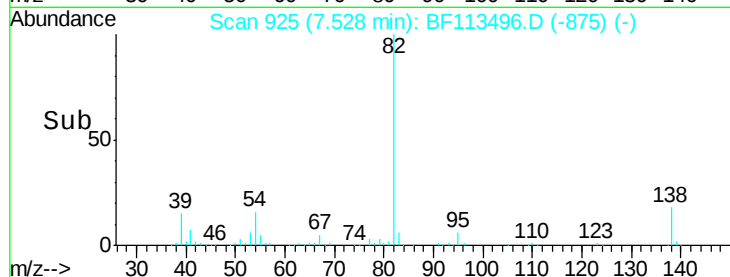
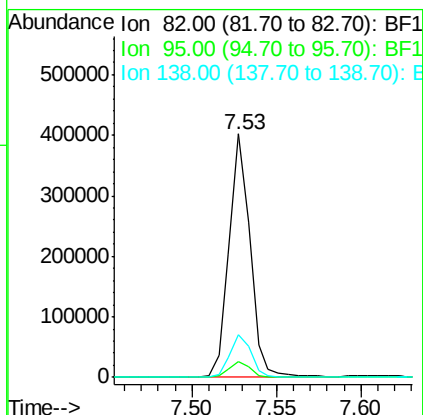
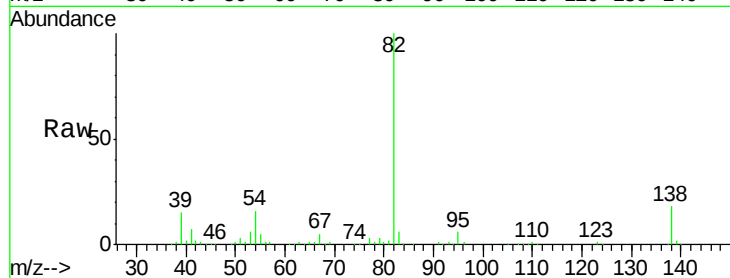
82 100

95 6.5 5.5 8.3

138 17.7 15.2 22.8

Manual Integrations
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4/2/2019 3:50:02 PM



#26

2-Nitrophenol

Concen: 18.265 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF113496.D

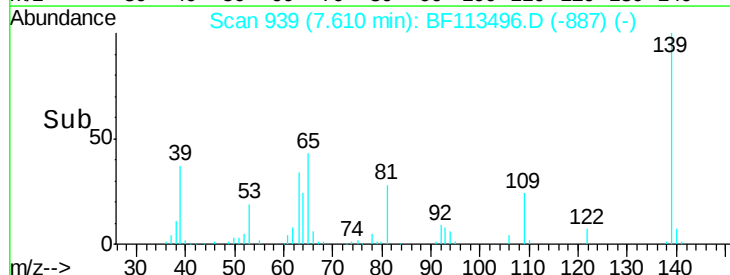
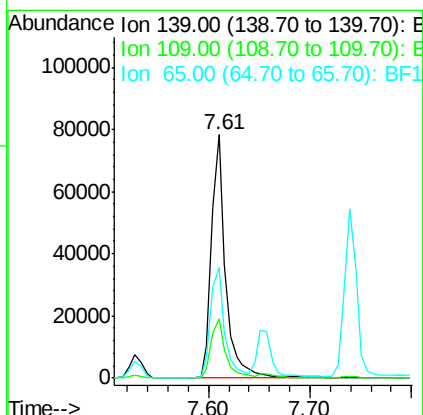
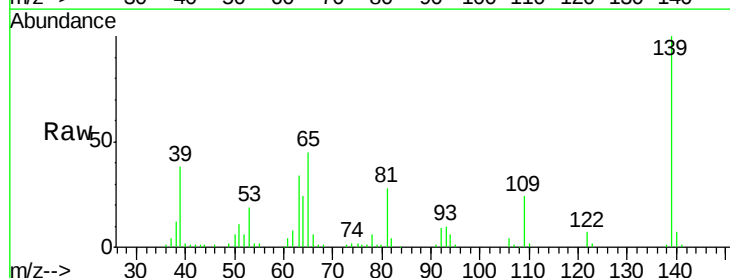
Acq: 2 Apr 2019 7:32

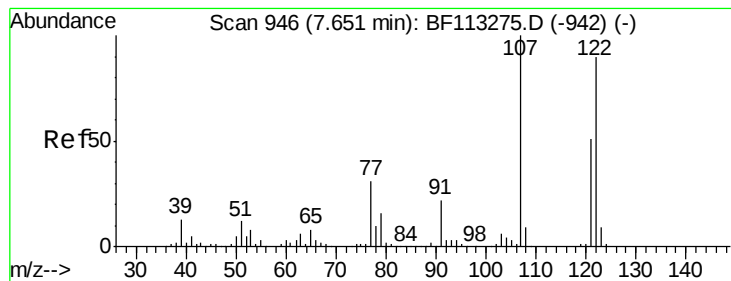
Tgt Ion: 139 Resp: 76476
Ion Ratio Lower Upper

139 100

109 24.5 21.7 32.5

65 45.2 41.6 62.4





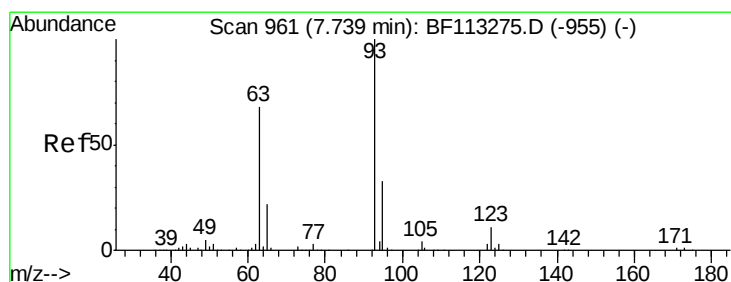
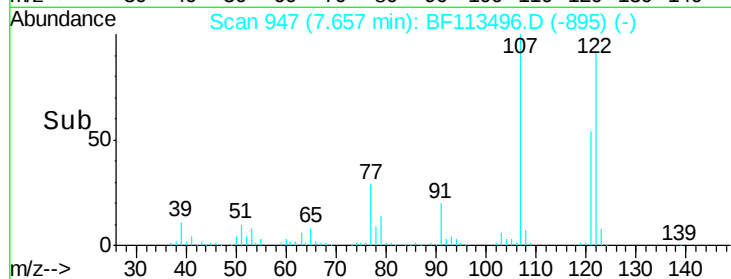
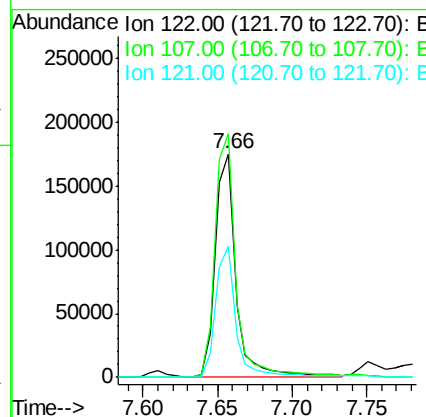
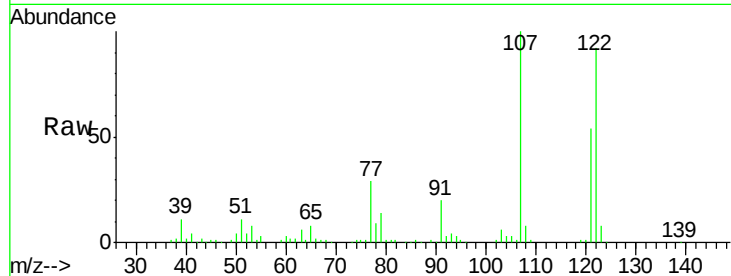
#27
 2,4-Dimethylphenol
 Concen: 28.059 ng
 RT: 7.66 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	168994		
107	109.0	88.8	133.2	
121	58.8	45.5	68.3	

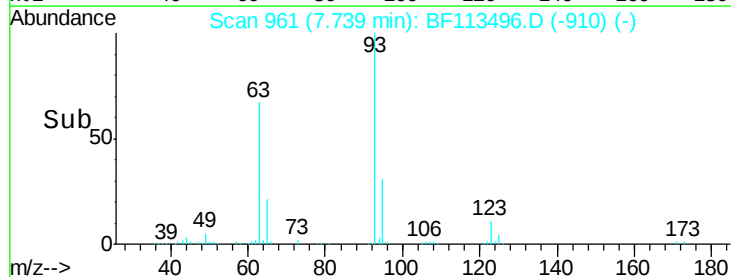
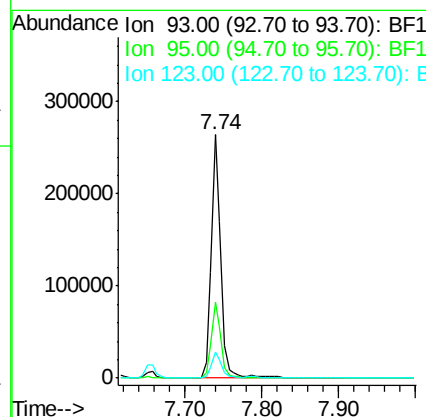
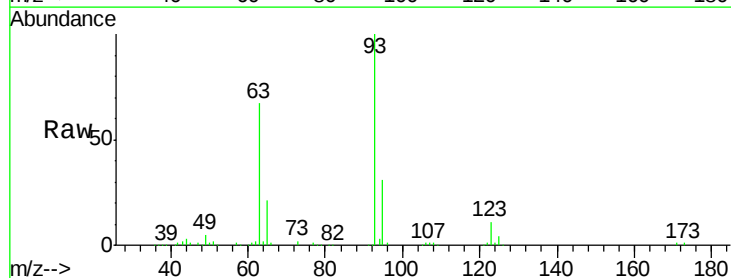
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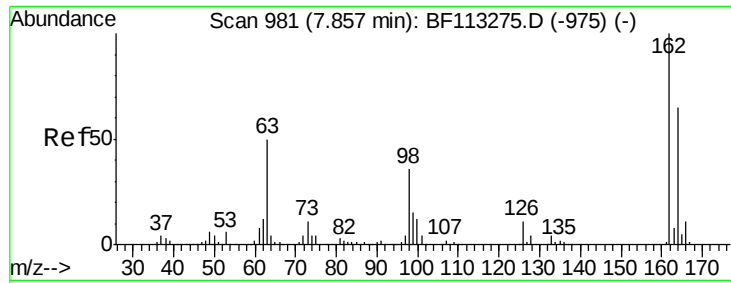
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#28
 bis(2-Chloroethoxy)methane
 Concen: 24.504 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	227006		
95	31.3	26.0	39.0	
123	10.9	9.1	13.7	





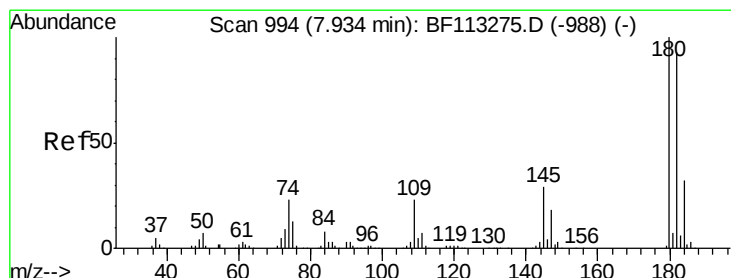
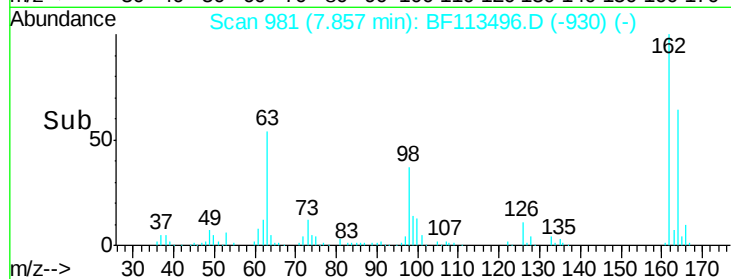
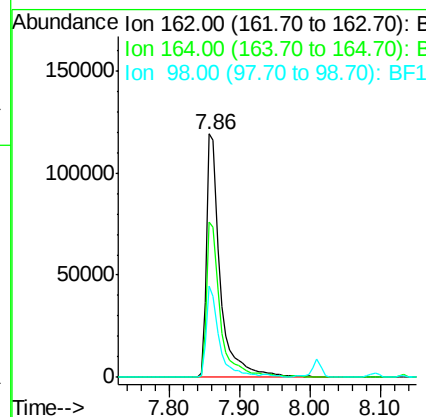
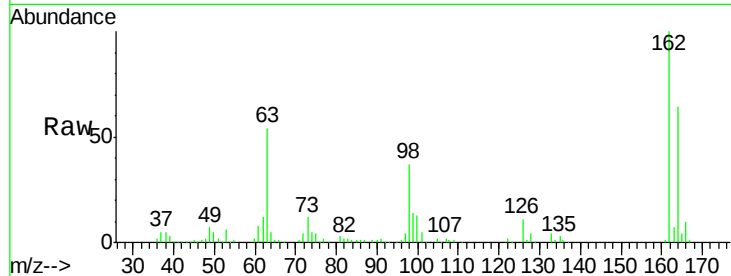
#29
 2,4-Dichlorophenol
 Concen: 24.899 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Tgt Ion:	162	Resp:	162512
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.6	84.6
98	37.2	15.6	55.6

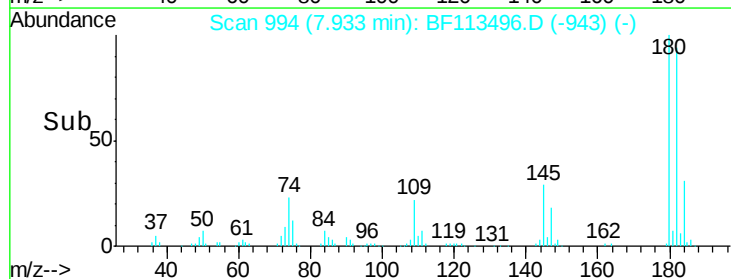
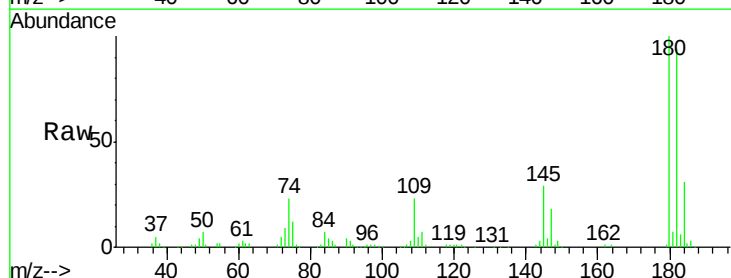
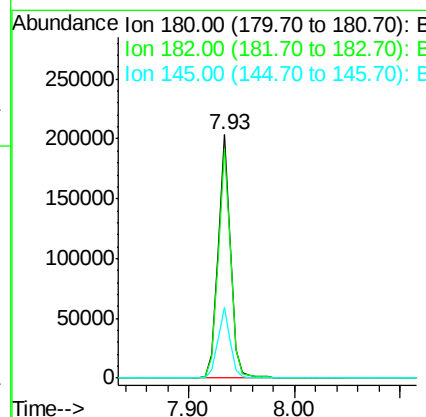
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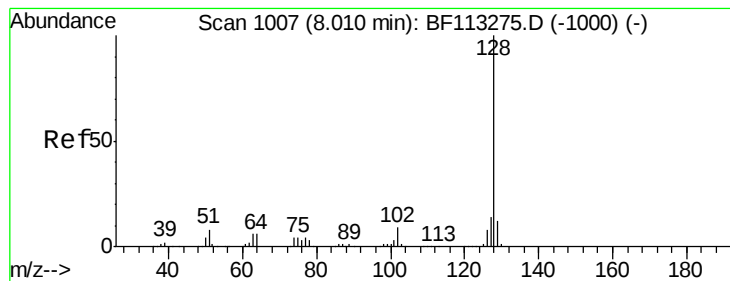
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#30
 1,2,4-Trichlorobenzene
 Concen: 24.671 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion:	180	Resp:	173726
Ion Ratio	Lower	Upper	
180	100		
182	94.4	74.6	111.8
145	28.8	23.4	35.0





#31

Naphthalene

Concen: 25.052 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

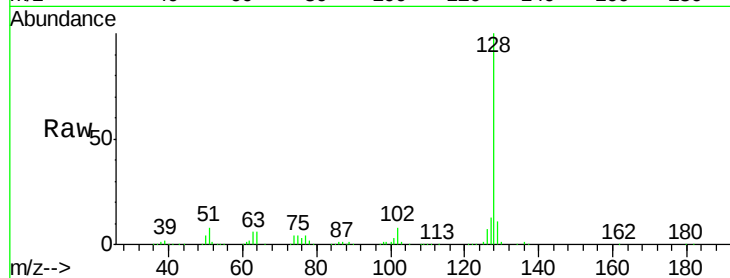
ClientSampleId :

PB118478BSD

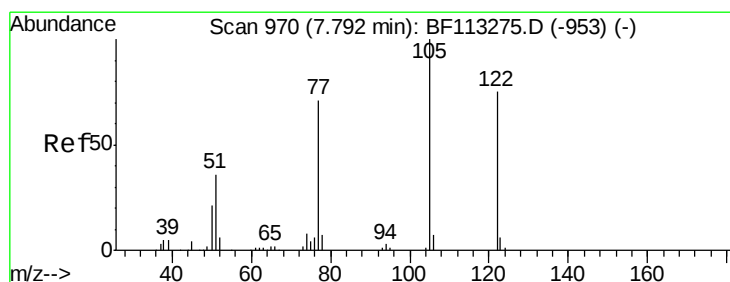
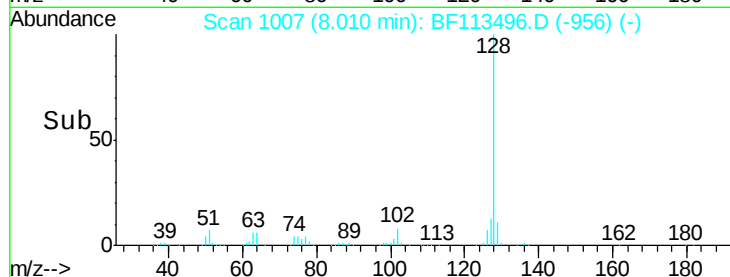
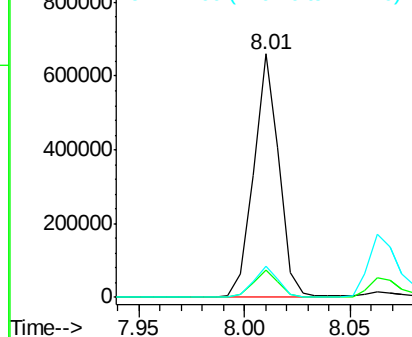
Tgt Ion:	128	Resp:	551575
Ion Ratio		Lower	Upper
128	100		
129	11.2	9.3	13.9
127	12.9	10.9	16.3

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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: 10.354 ng m

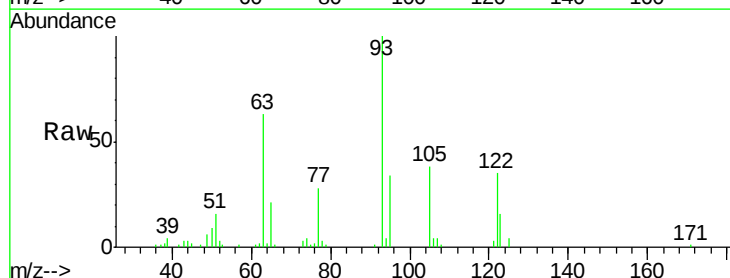
RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

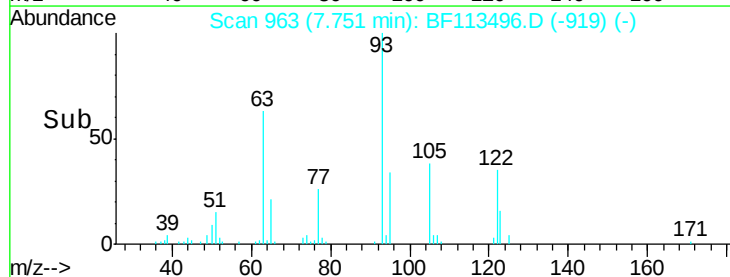
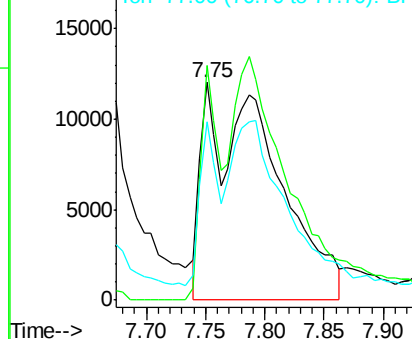
Lab File: BF113496.D

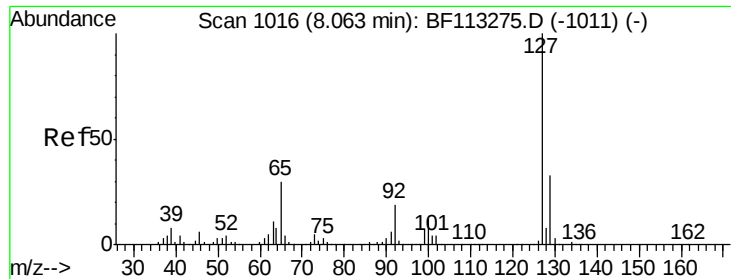
Acq: 2 Apr 2019 7:32

Tgt Ion:	122	Resp:	50200
Ion Ratio		Lower	Upper
122	100		
105	107.9	100.4	140.4
77	81.6	69.0	109.0



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





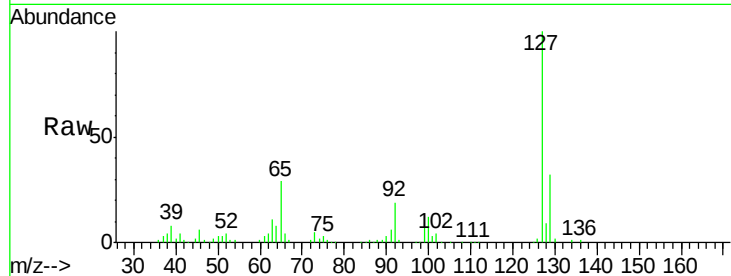
#33
4-Chloroaniline
Concen: 22.744 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

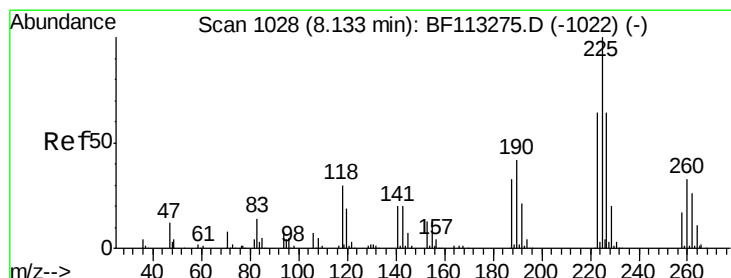
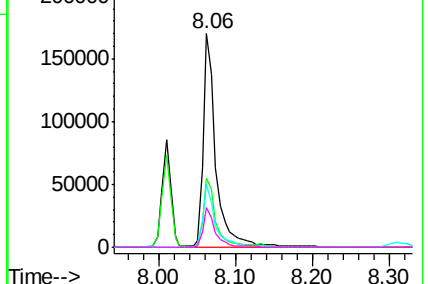
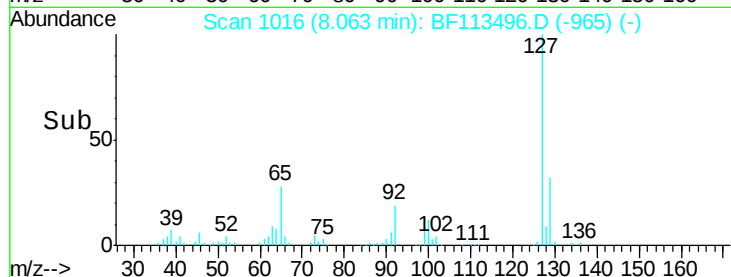
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	195274		
129	32.2	26.3	39.5	
65	29.2	24.2	36.4	
92	18.9	15.0	22.6	

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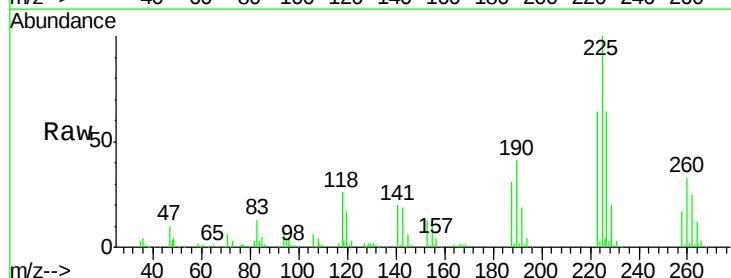


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

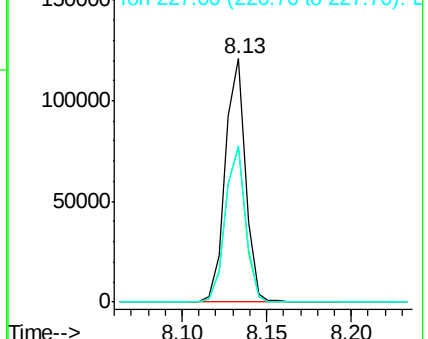
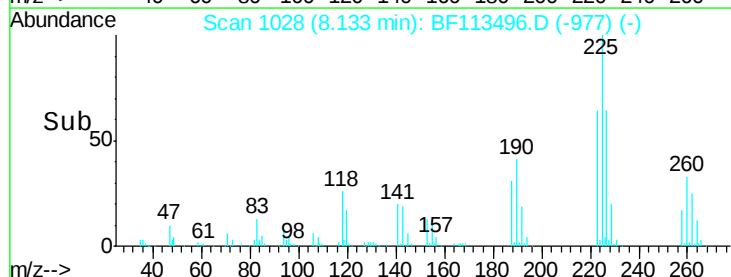


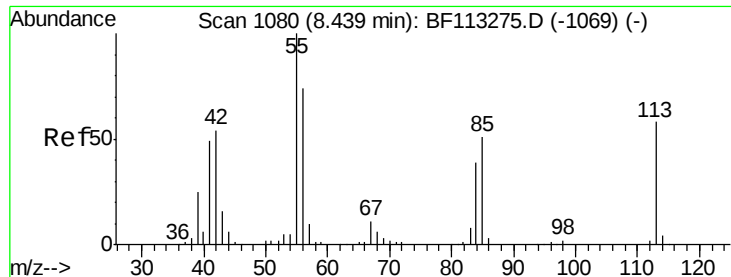
#34
Hexachlorobutadiene
Concen: 24.089 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100819		
223	63.7	51.4	77.2	
227	64.4	51.1	76.7	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





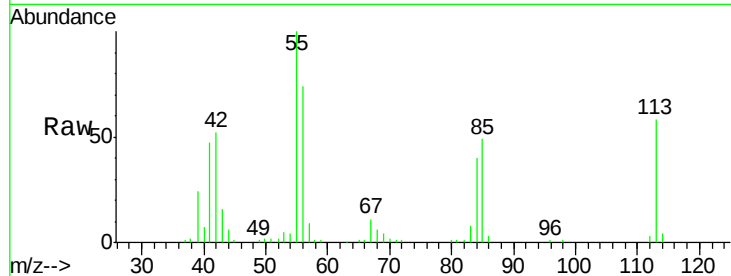
#35
 Caprolactam
 Concen: 22.843 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

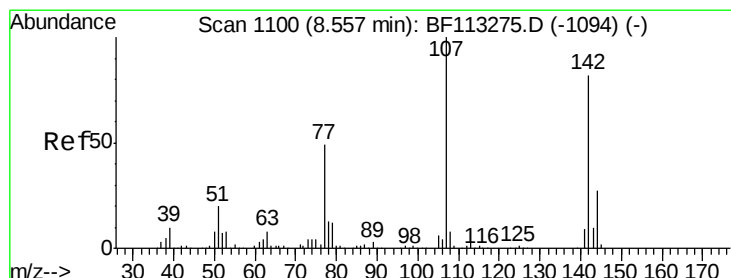
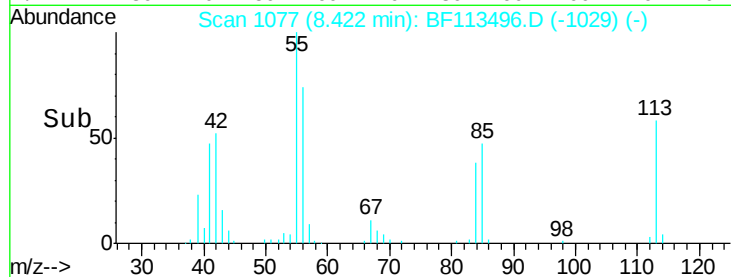
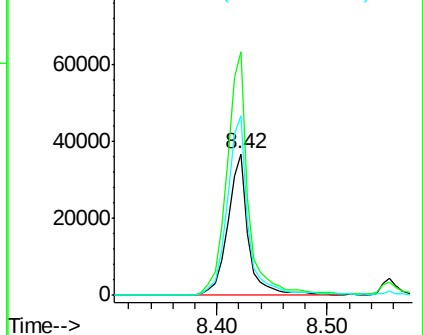
Tgt Ion:113 Resp: 47850
 Ion Ratio Lower Upper
 113 100
 55 172.4 152.7 192.7
 56 127.5 108.3 148.3

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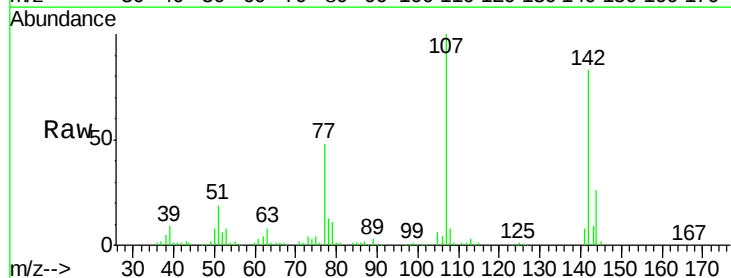


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

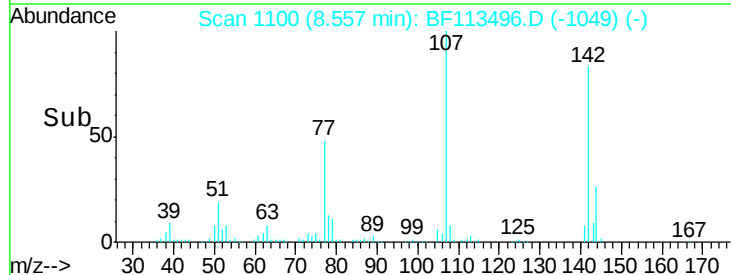
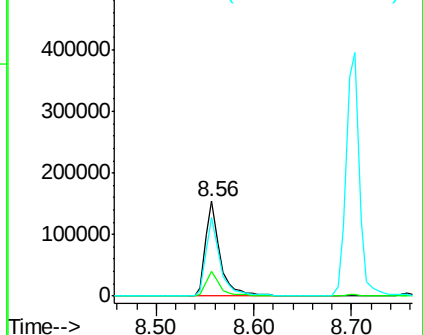


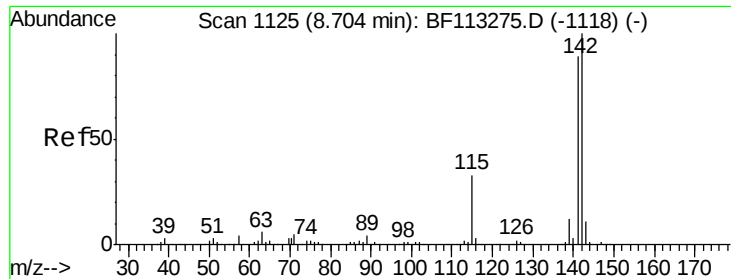
#36
 4-Chloro-3-methylphenol
 Concen: 24.643 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion:107 Resp: 161776
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.4 32.0
 142 82.8 65.6 98.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





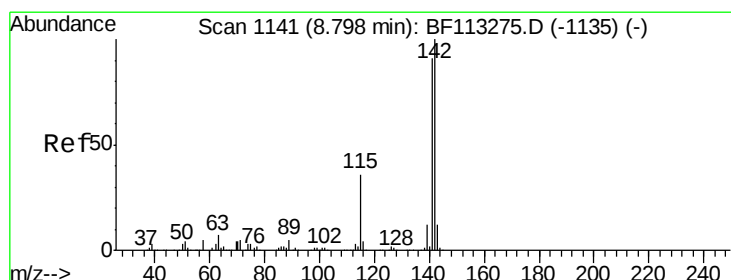
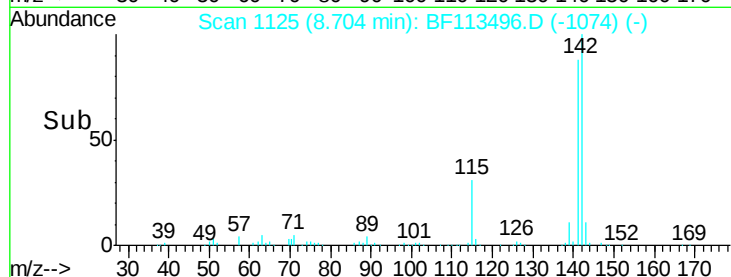
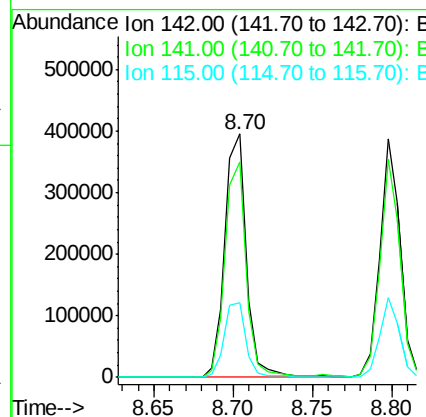
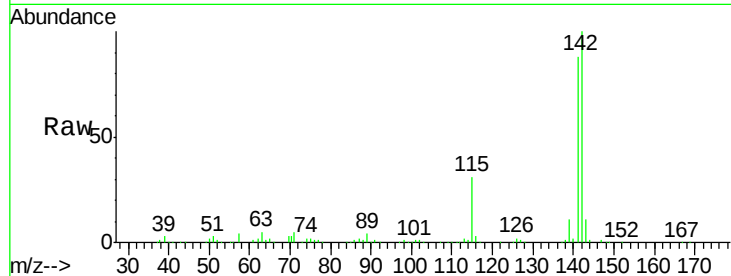
#37
 2-Methylnaphthalene
 Concen: 27.200 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	373677		
141	88.2	71.0	106.6	
115	30.7	26.6	39.8	

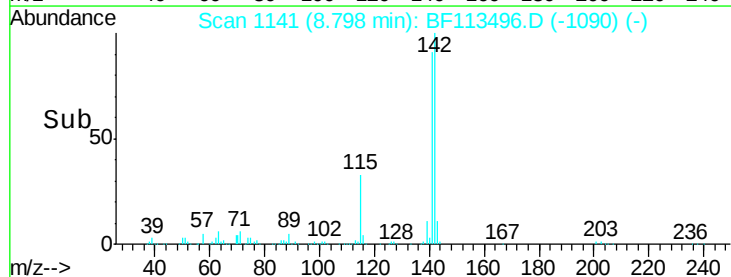
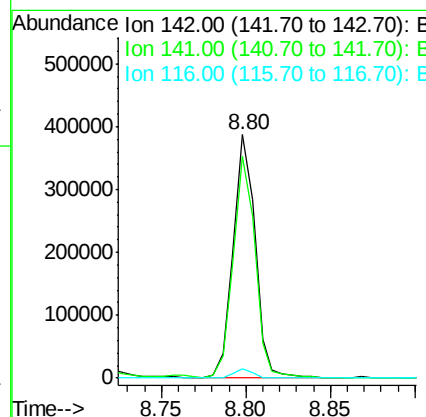
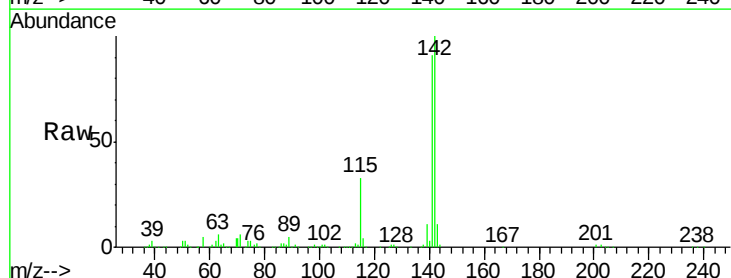
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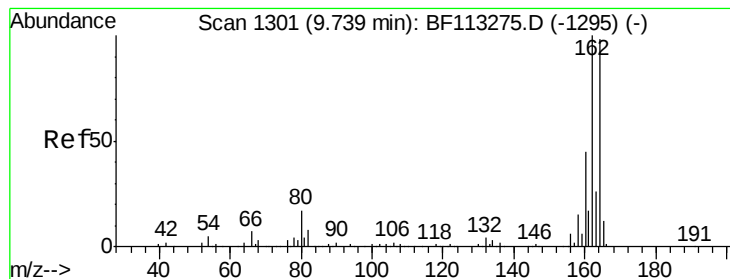
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#38
 1-Methylnaphthalene
 Concen: 26.364 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	348377		
141	91.3	73.2	109.8	
116	3.6	3.0	4.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

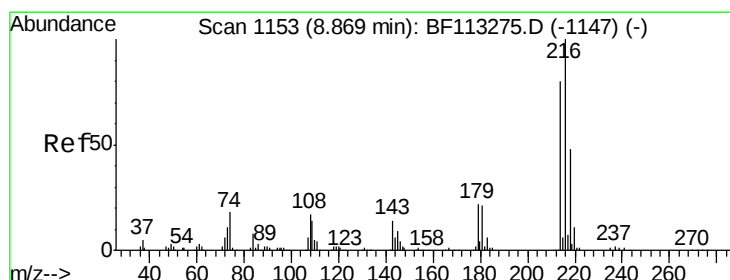
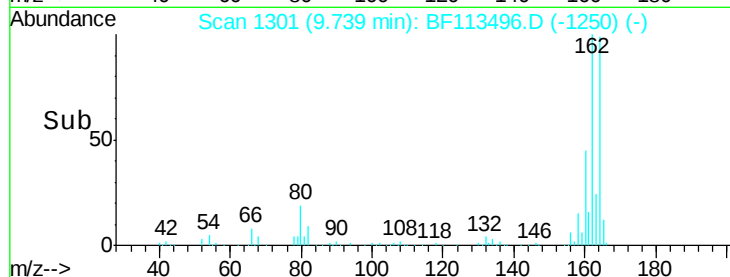
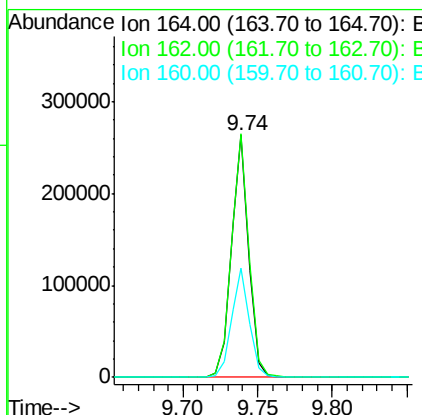
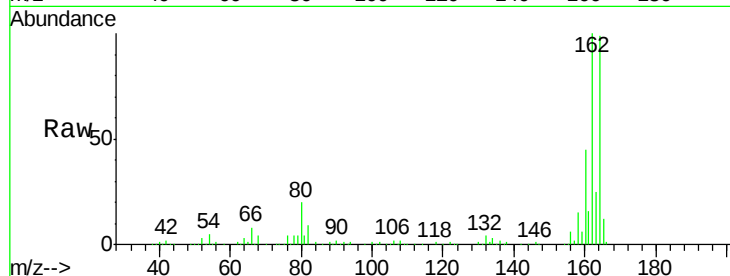
ClientSampleId :

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Tgt Ion:	164	Resp:	215990
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.8	122.6
160	45.3	36.4	54.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 25.173 ng

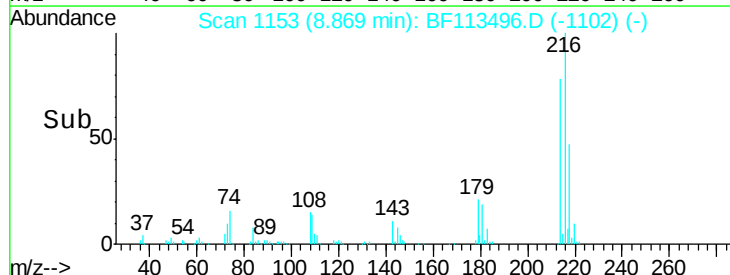
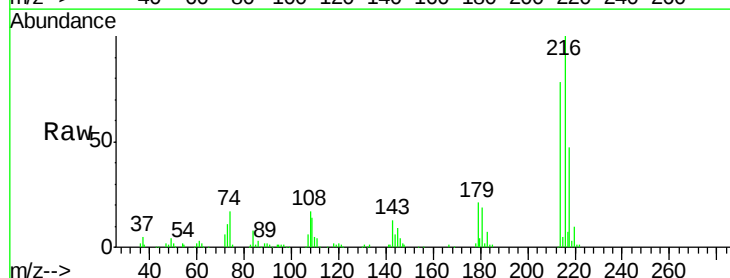
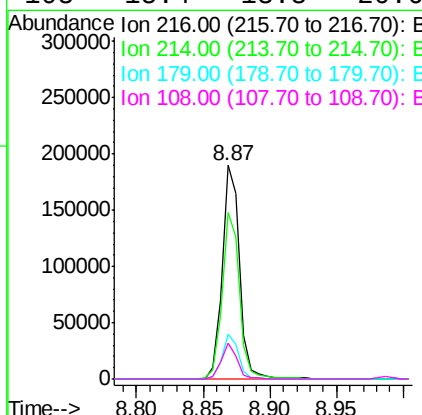
RT: 8.87 min Scan# 1153

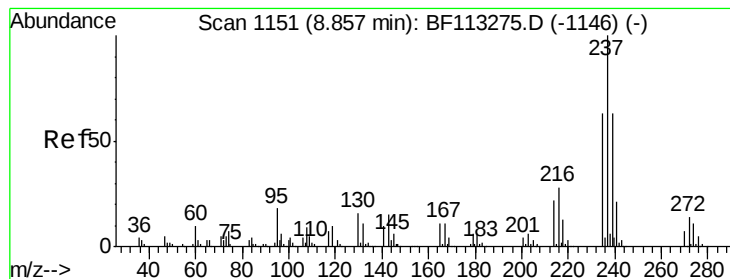
Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Tgt Ion:	216	Resp:	174533
Ion Ratio	Lower	Upper	
216	100		
214	78.0	63.0	94.6
179	19.8	16.8	25.2
108	15.4	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 0.553 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

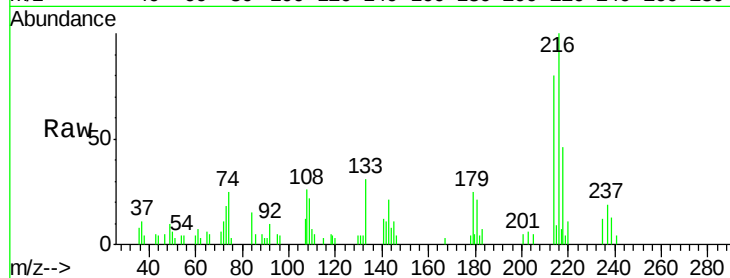
ClientSampleId :

PB118478BSD

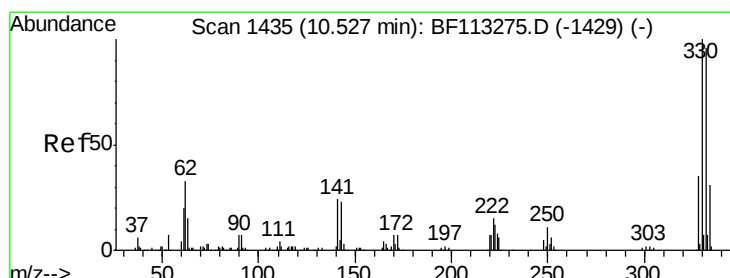
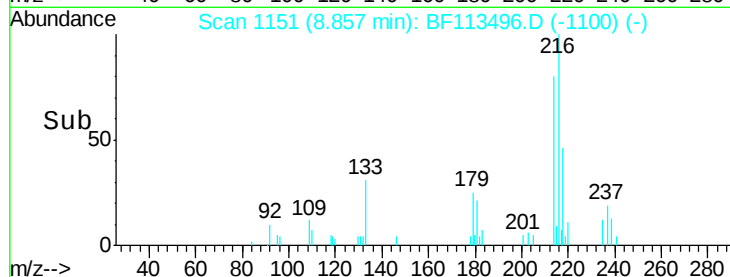
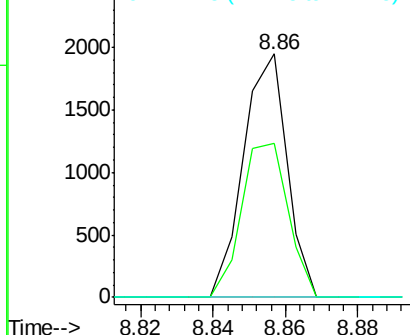
Tgt Ion:	237	Resp:	1622
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.4	83.4
272	0.0	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 45.114 ng

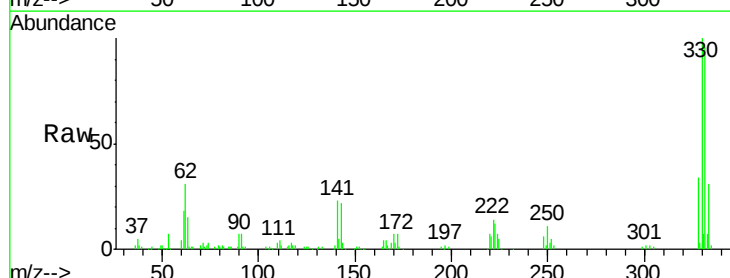
RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

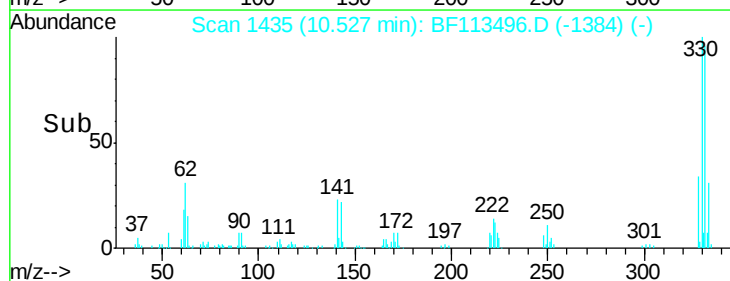
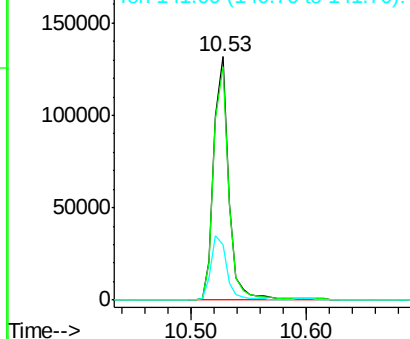
Lab File: BF113496.D

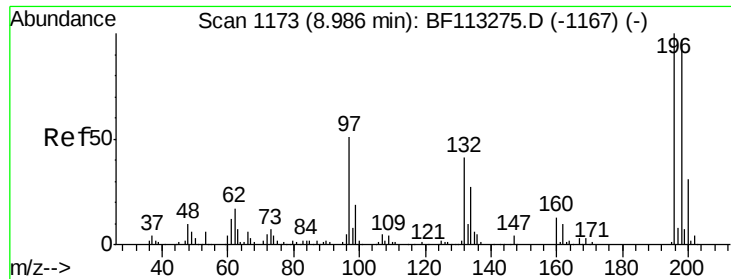
Acq: 2 Apr 2019 7:32

Tgt Ion:	330	Resp:	120364
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.8	116.6
141	27.6	22.7	34.1



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





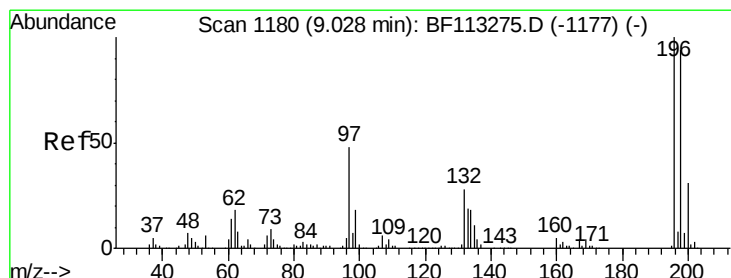
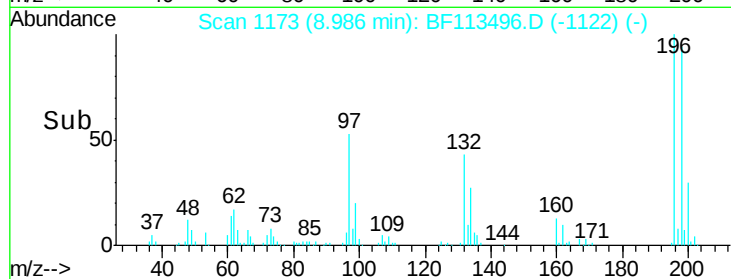
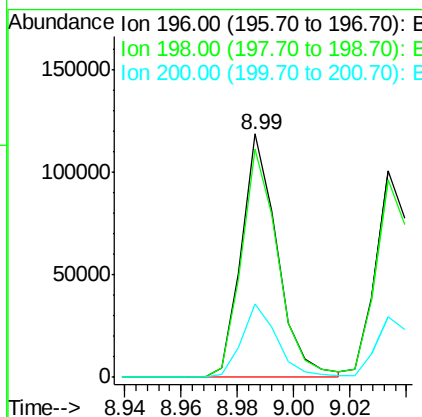
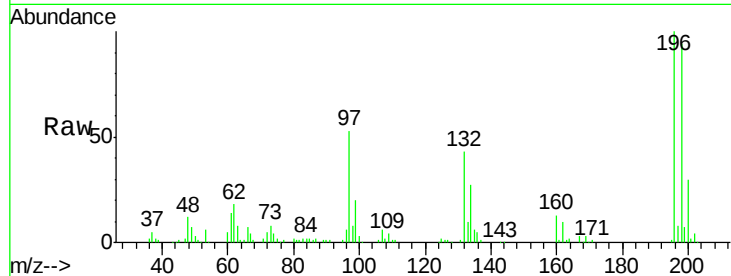
#43
 2,4,6-Trichlorophenol
 Concen: 23.251 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104975		
198	93.8	77.7	116.5	
200	30.2	24.9	37.3	

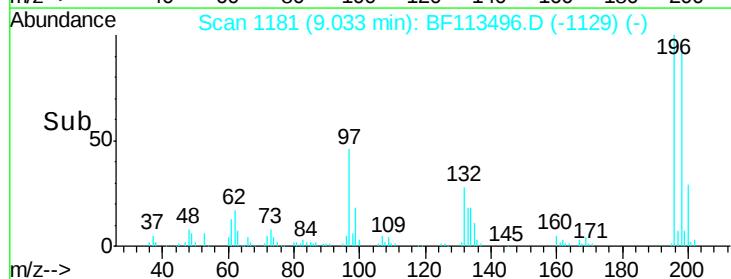
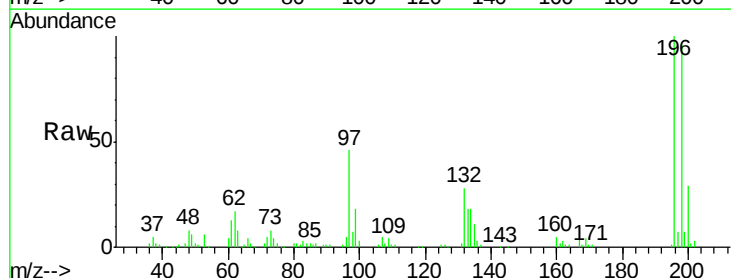
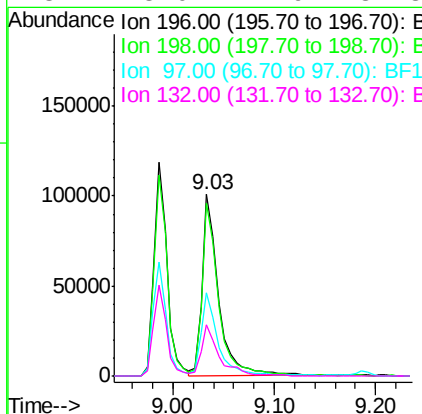
Manual Integrations
 APPROVED

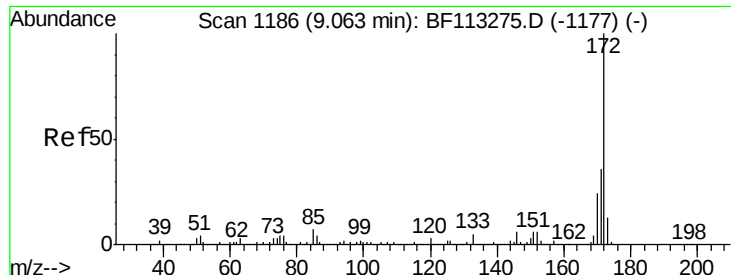
Sohil
 4/2/2019 3:50:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 22.909 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114467		
198	95.5	75.4	113.2	
97	45.9	38.6	58.0	
132	28.0	22.9	34.3	





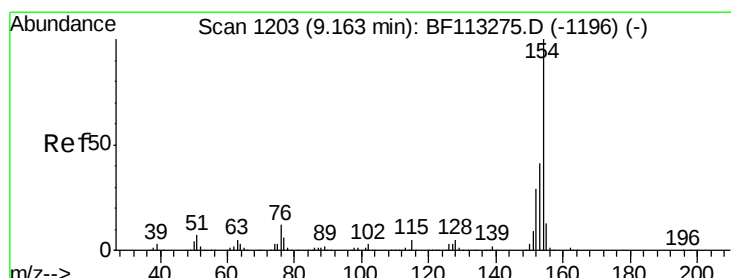
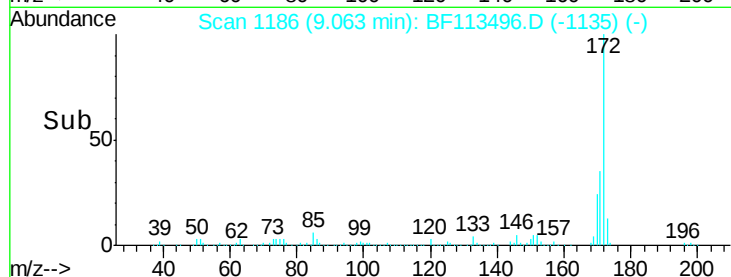
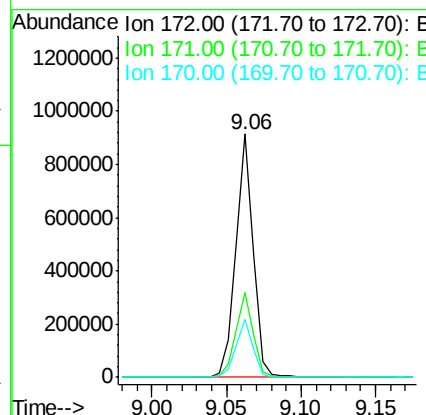
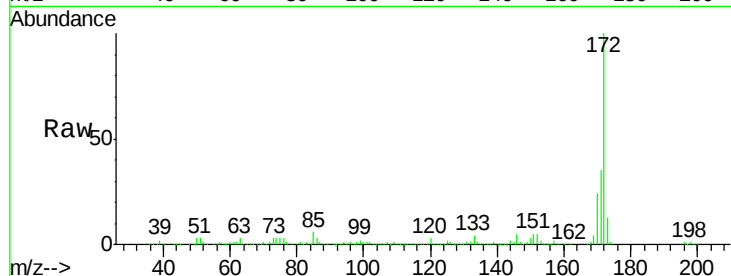
#45
2-Fluorobiphenyl
Concen: 47.851 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.1	29.0	43.6
170	24.0	19.5	29.3

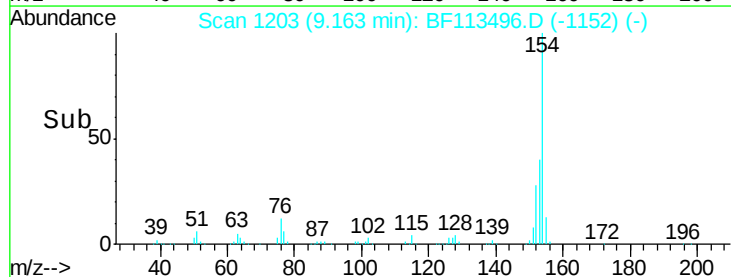
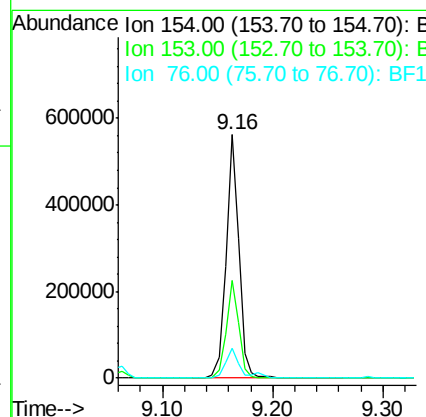
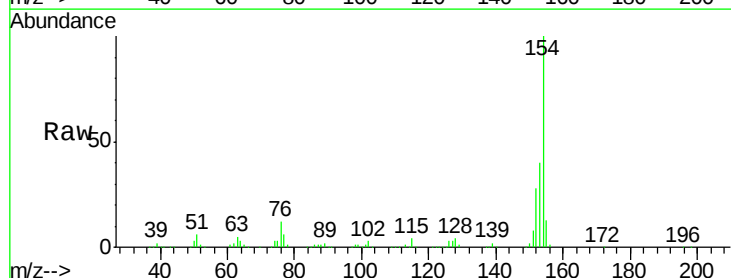
Manual Integrations
APPROVED

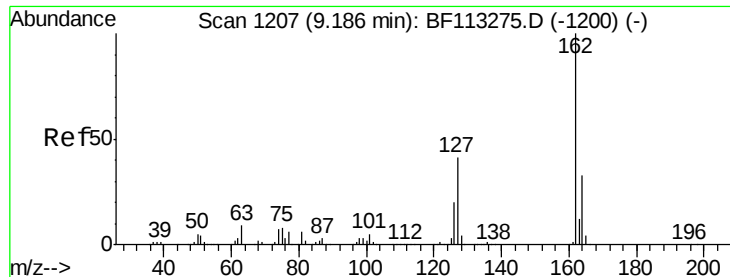
Sohil
4/2/2019 3:50:02 PM



#46
1,1'-Biphenyl
Concen: 25.257 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.0	20.8	60.8
76	12.3	0.0	31.9





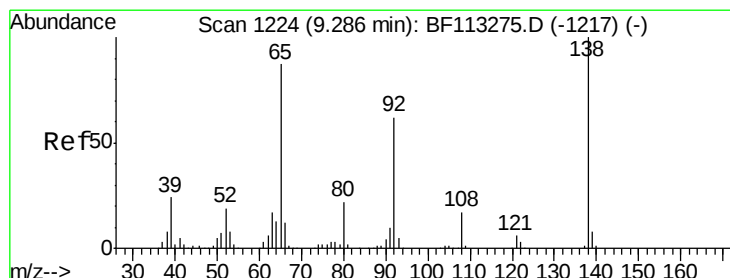
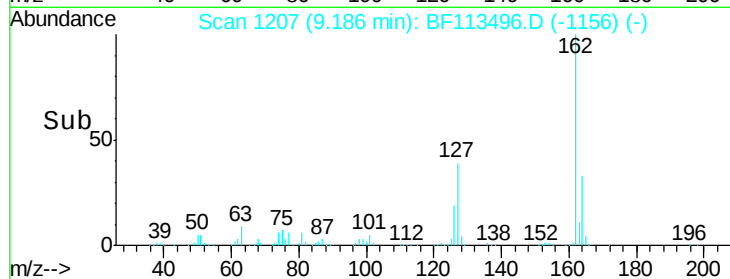
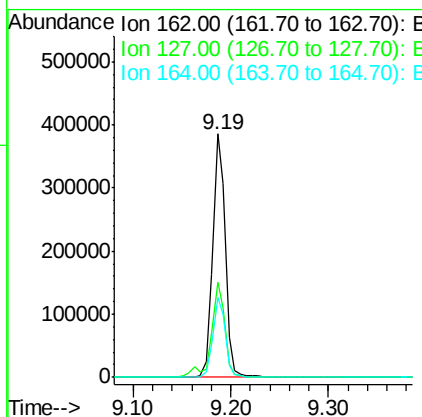
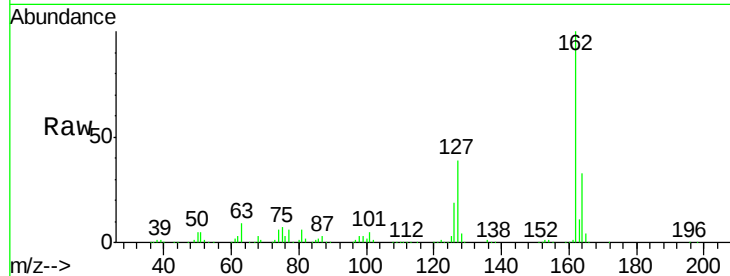
#47
 2-Chloronaphthalene
 Concen: 24.842 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleID :
 PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	345035		
127	39.3	32.6	49.0	
164	33.0	26.6	39.8	

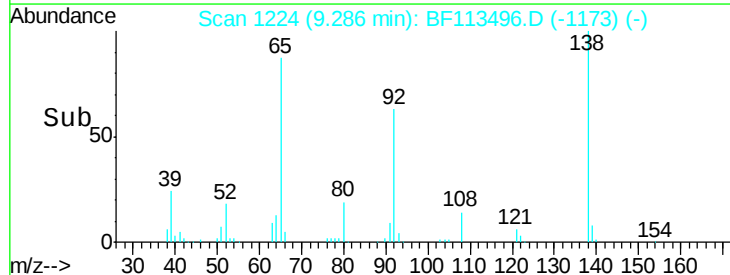
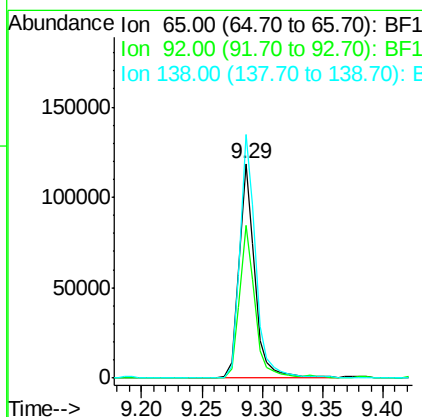
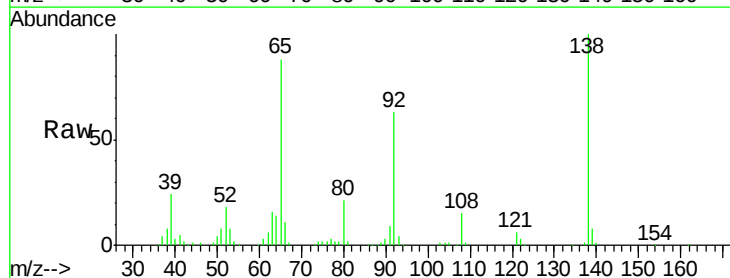
Manual Integrations
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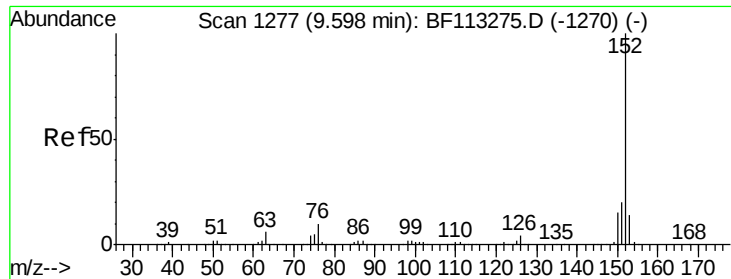
Sohil
 4/2/2019 3:50:02 PM



#48
 2-Nitroaniline
 Concen: 24.956 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	108779		
92	71.6	56.8	85.2	
138	113.7	92.3	138.5	





#49

Acenaphthylene

Concen: 24.666 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

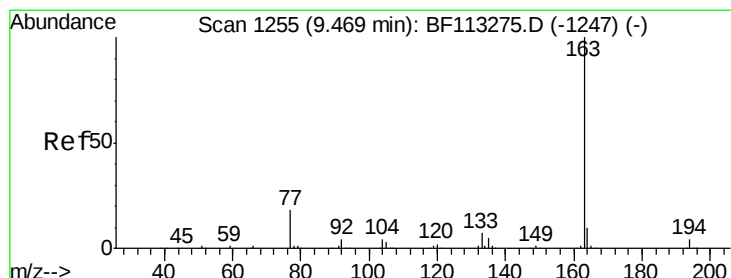
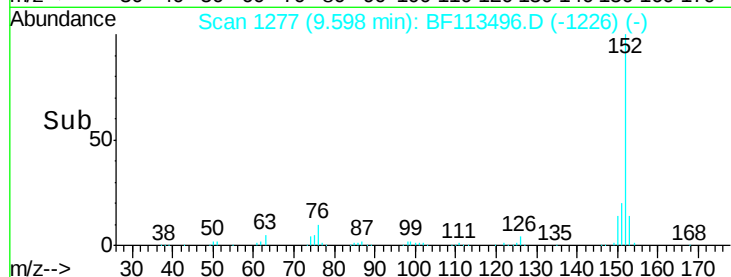
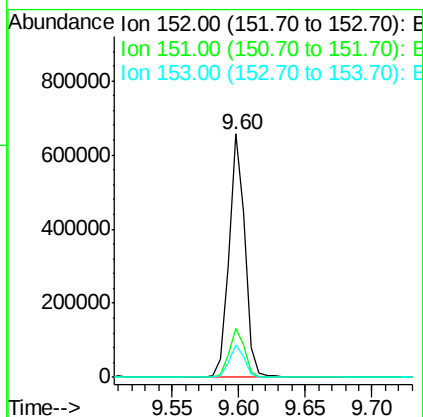
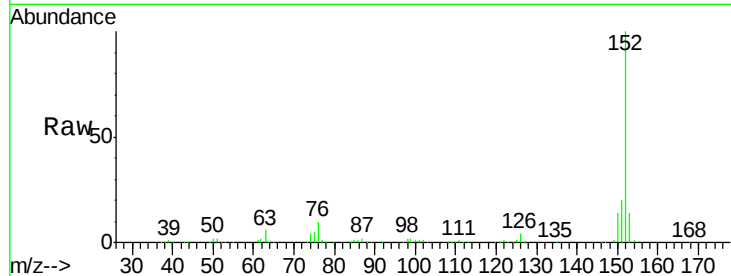
ClientSampleId :

PB118478BSD

Tgt Ion:	152	Resp:	553944
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.4
153	13.5	11.0	16.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 24.900 ng

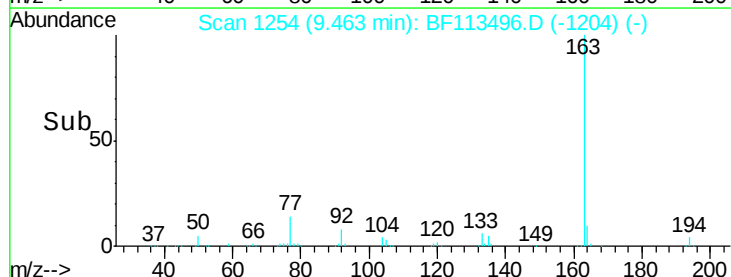
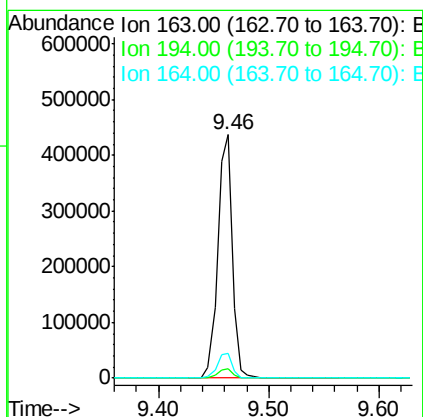
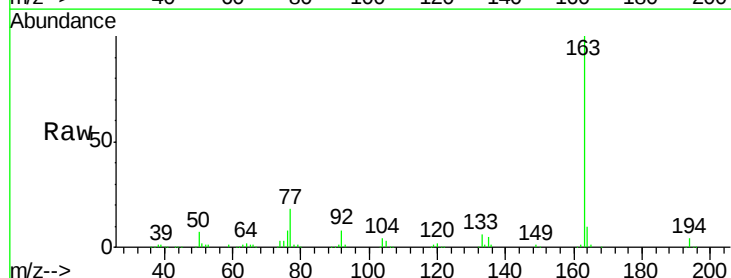
RT: 9.46 min Scan# 1254

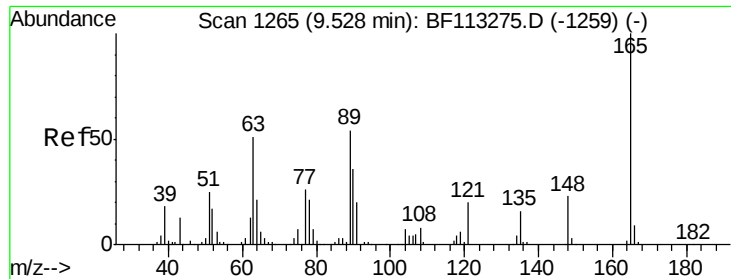
Delta R.T. -0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Tgt Ion:	163	Resp:	398557
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	10.0	8.1	12.1





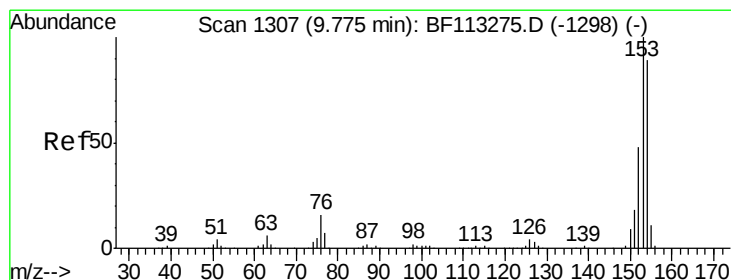
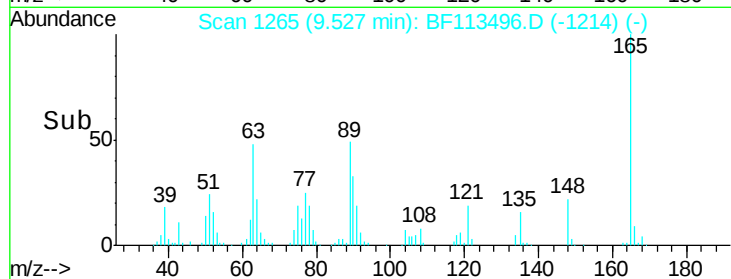
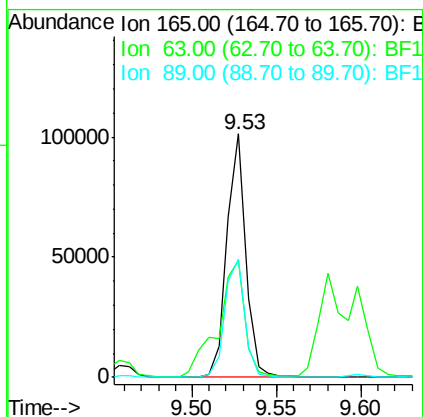
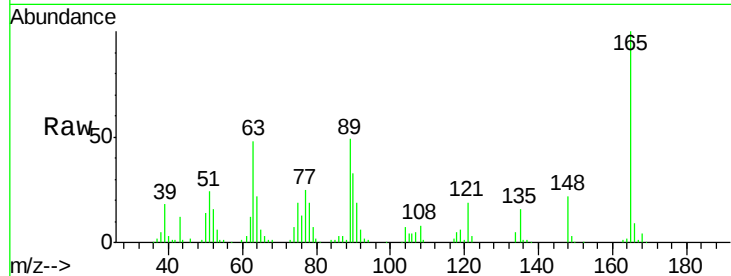
#51
2,6-Dinitrotoluene
Concen: 21.824 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	48.1	43.4	65.0
89	48.6	43.1	64.7

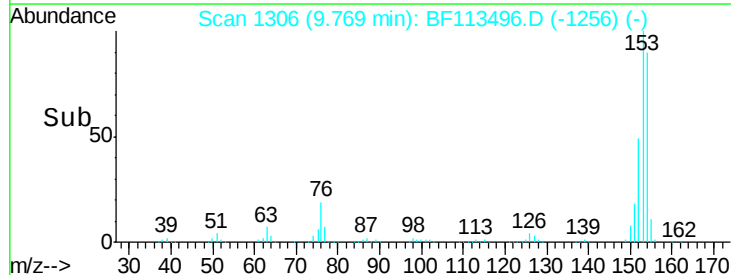
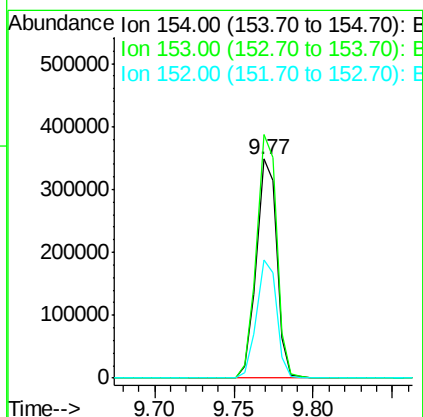
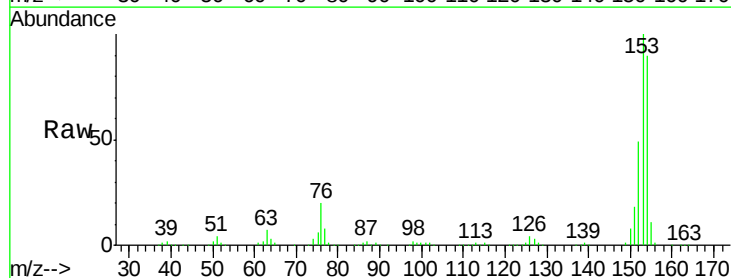
Manual Integrations
APPROVED

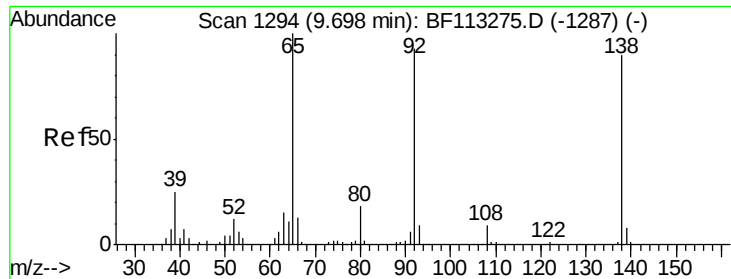
Sohil
4/2/2019 3:50:02 PM



#52
Acenaphthene
Concen: 24.837 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.2	89.5	134.3
152	54.1	43.3	64.9





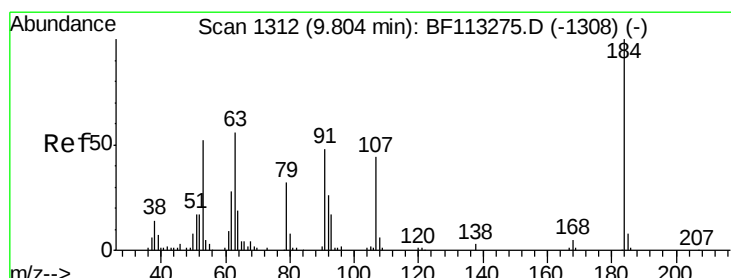
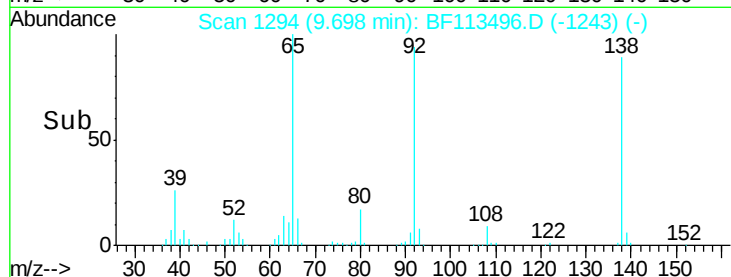
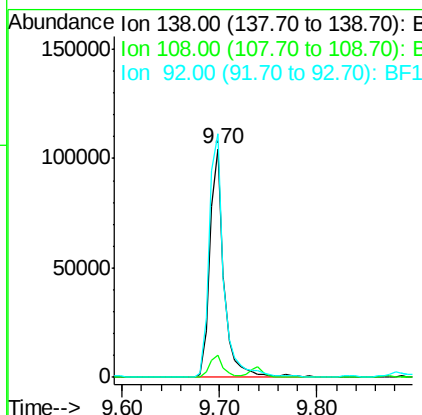
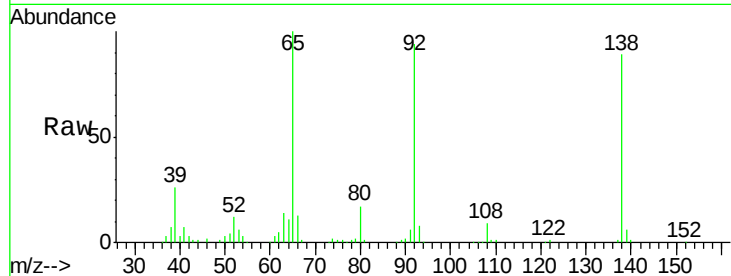
#53
3-Nitroaniline
Concen: 25.855 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampled :
PB118478BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	106.4	82.6	124.0

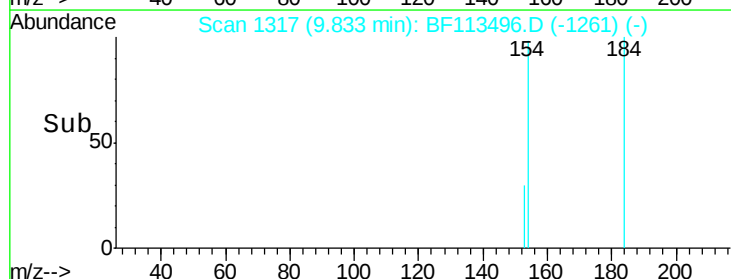
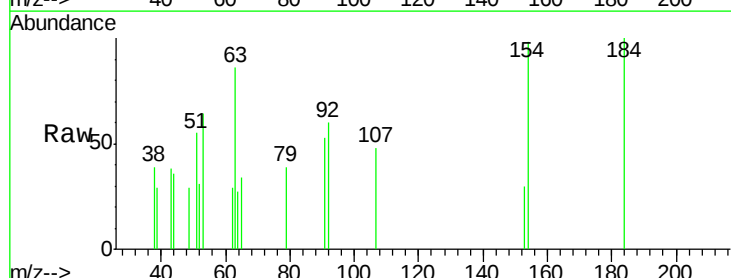
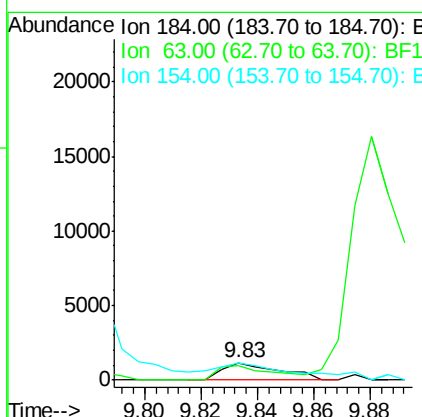
Manual Integrations
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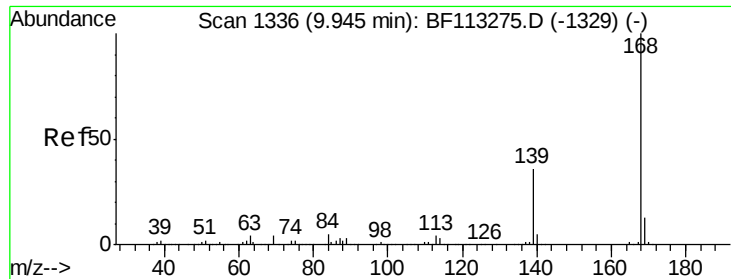
Sohil
4/2/2019 3:50:02 PM



#54
2,4-Dinitrophenol
Concen: 0.910 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.03 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	86.2	54.3	81.5#
154	97.6	48.4	72.6#





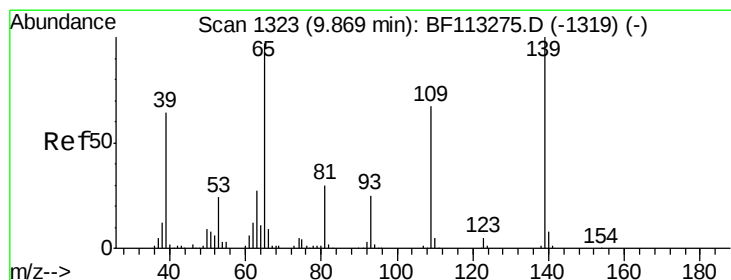
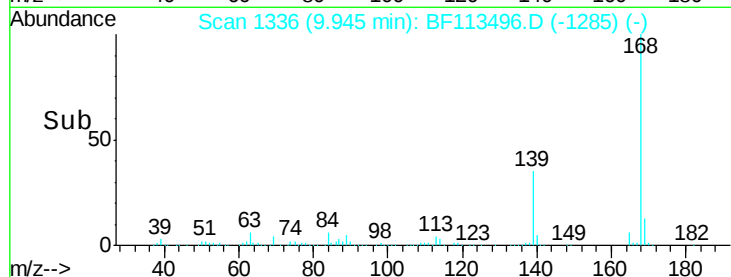
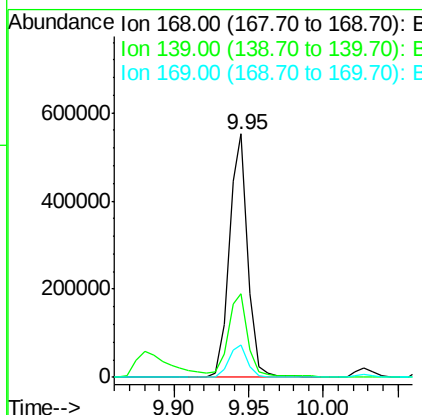
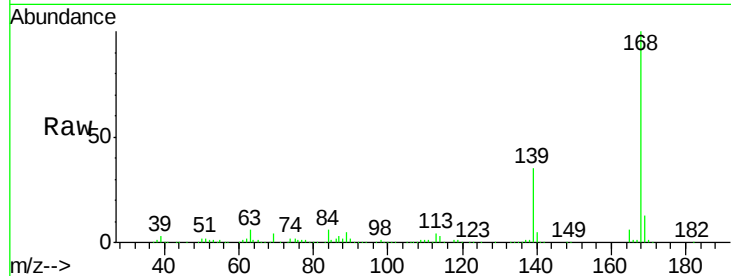
#55
Dibenzenofuran
Concen: 25.433 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.5	29.7	44.5
169	13.1	10.7	16.1

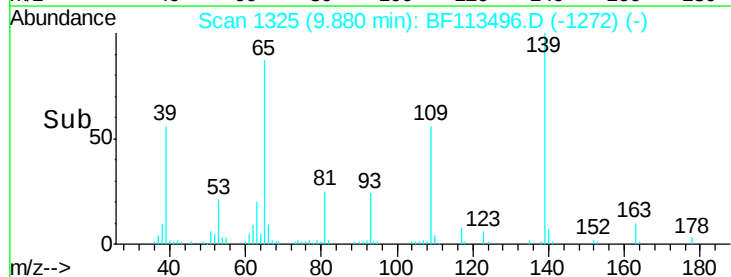
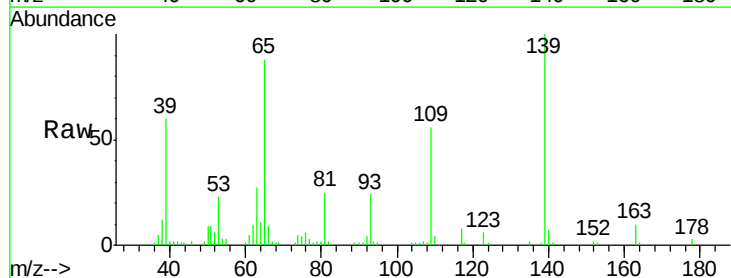
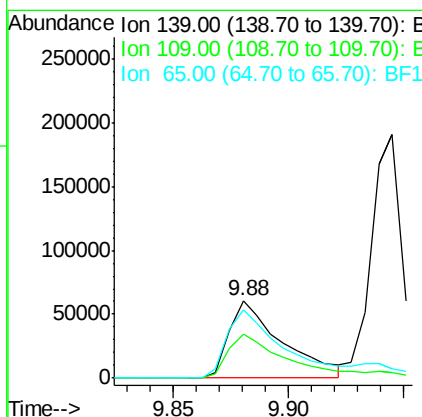
Manual Integrations
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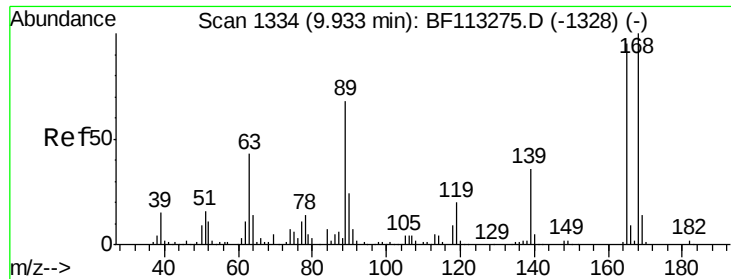
Sohil
4/2/2019 3:50:02 PM



#56
4-Nitrophenol
Concen: 33.197 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	56.5	46.9	86.9
65	88.0	77.2	117.2





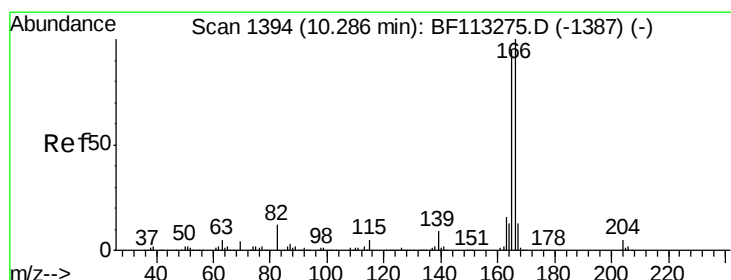
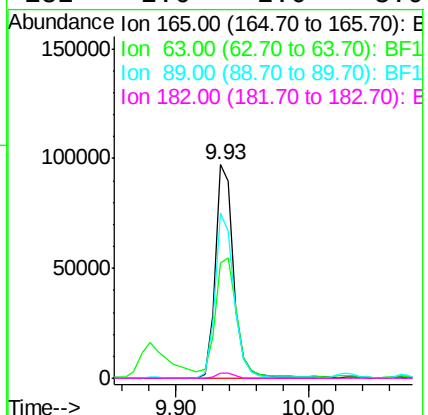
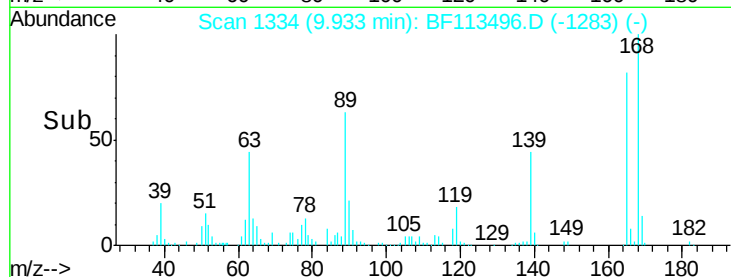
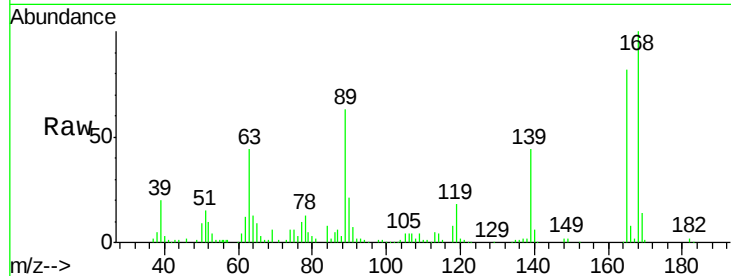
#57
2,4-Dinitrotoluene
Concen: 20.630 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94736		
63	54.2	37.5	56.3	
89	77.3	57.4	86.2	
182	2.6	2.0	3.0	

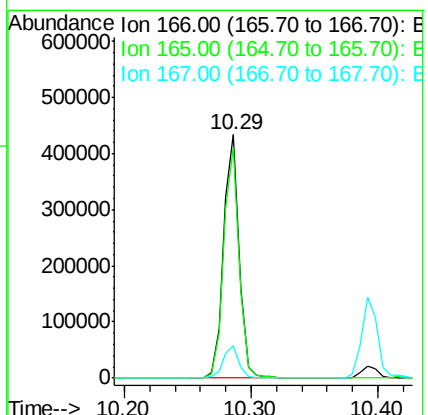
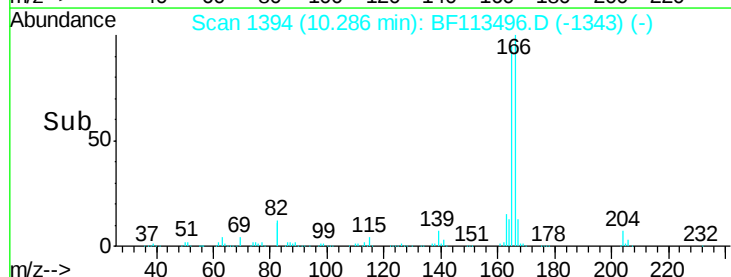
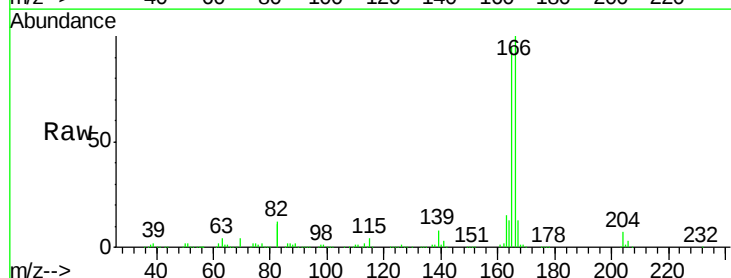
Manual Integrations
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4/2/2019 3:50:02 PM



#58
Fluorene
Concen: 25.131 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	371186		
165	94.7	76.2	114.2	
167	13.4	10.7	16.1	





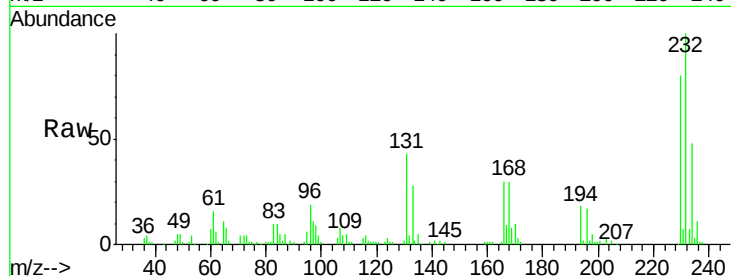
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 21.800 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

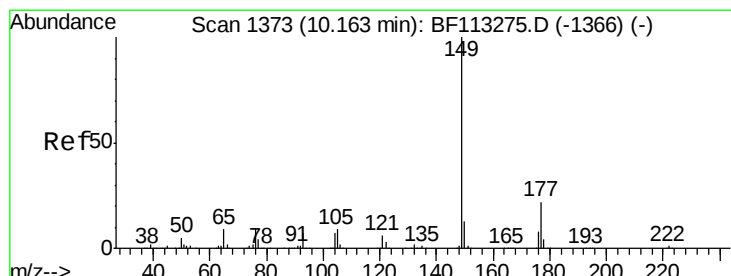
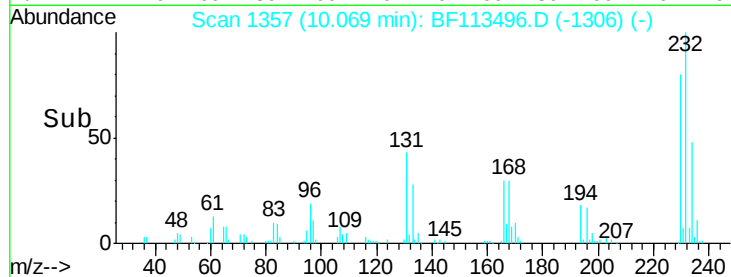
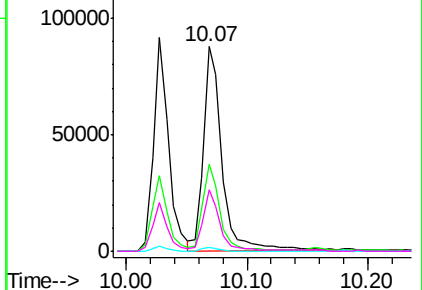
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	92111		
131	38.9	33.2	49.8	
130	1.8	1.6	2.4	
166	27.1	21.0	31.6	

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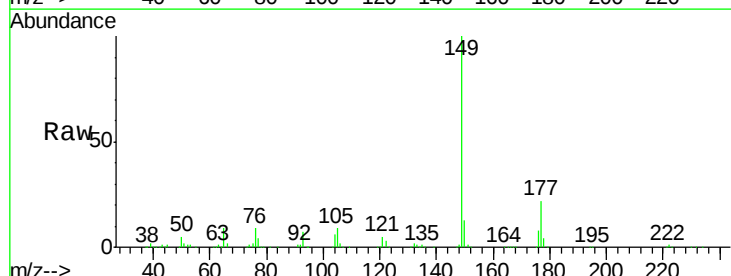


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

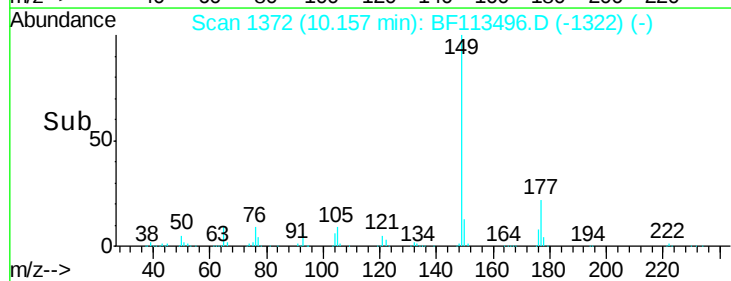
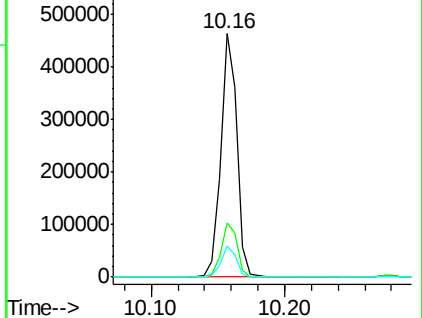


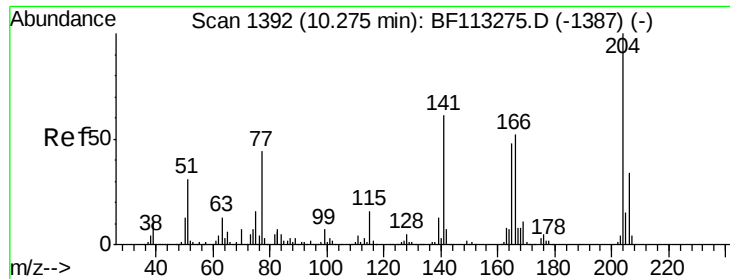
#60
 Diethylphthalate
 Concen: 24.919 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	391284		
177	22.0	17.4	26.0	
150	13.0	10.0	15.0	



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





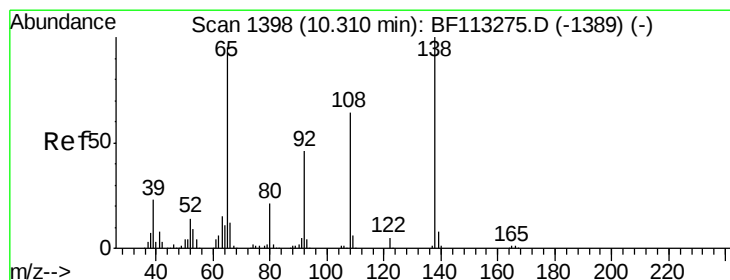
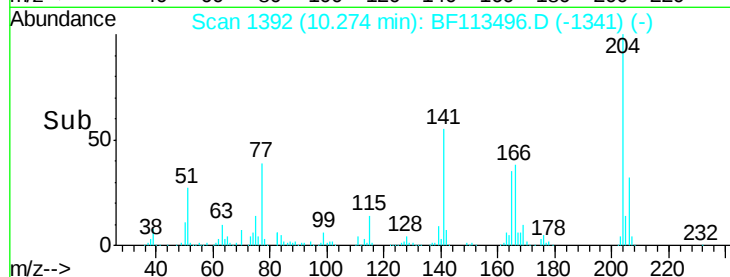
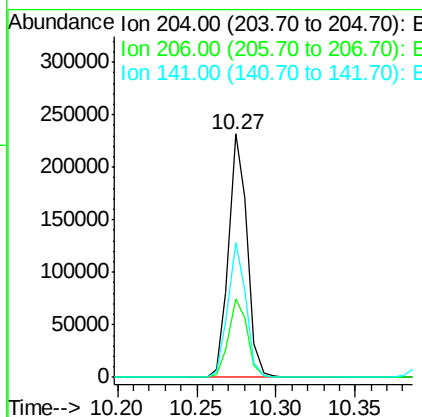
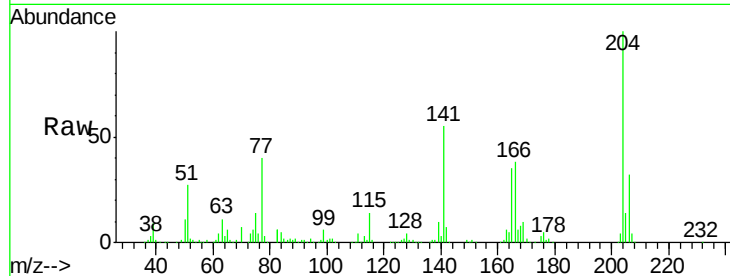
#61
 4-Chlorophenyl-phenylether
 Concen: 26.180 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	188462		
206	32.1	26.9	40.3	
141	55.4	48.8	73.2	

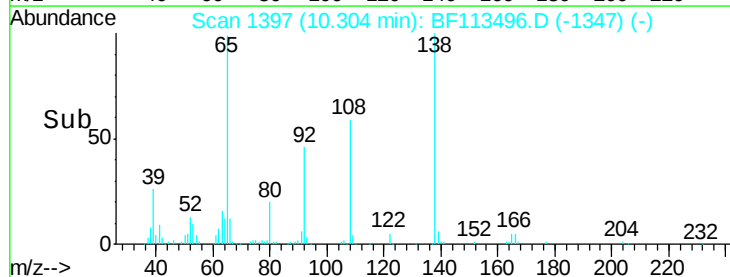
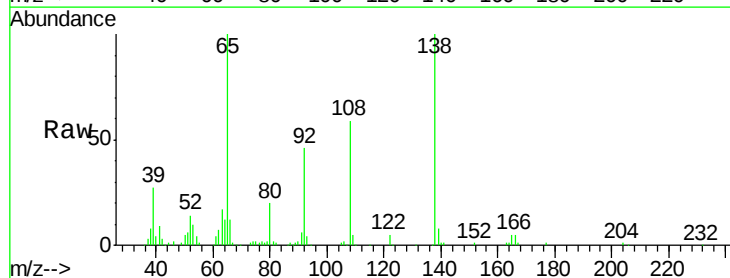
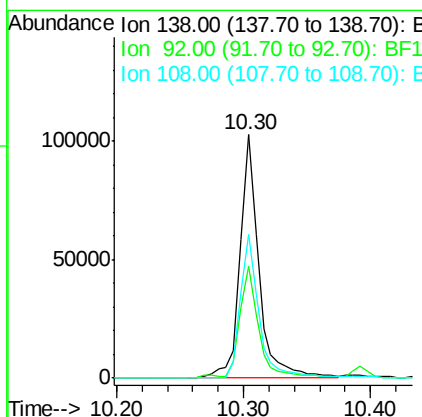
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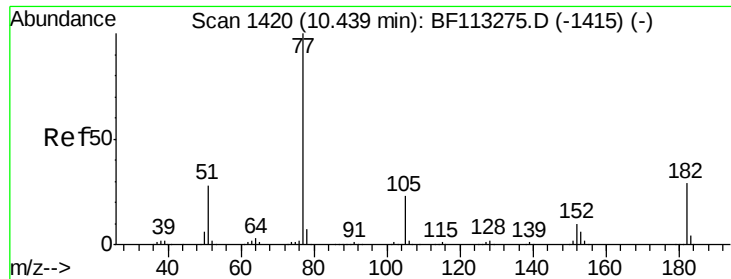
Sohil
 4/2/2019 3:50:02 PM



#62
 4-Nitroaniline
 Concen: 25.277 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	105980		
92	45.7	25.8	65.8	
108	59.3	44.0	84.0	





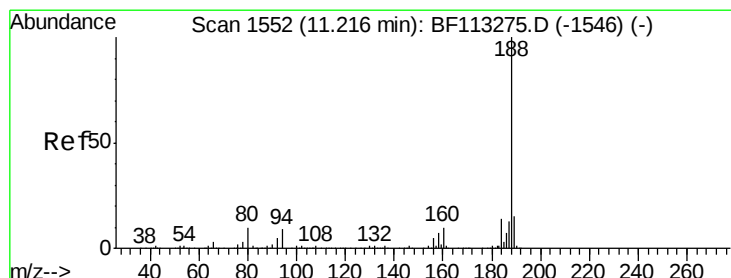
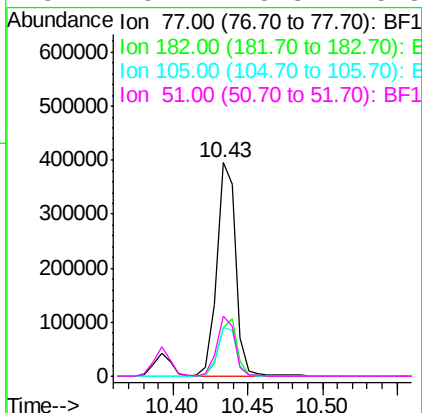
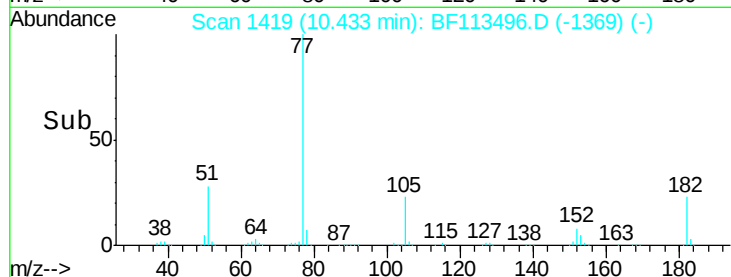
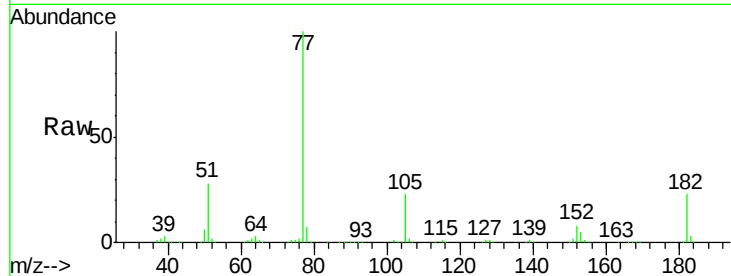
#63
Azobenzene
Concen: 23.575 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	8.7	48.7
105	22.6	2.9	42.9
51	28.1	8.8	48.8

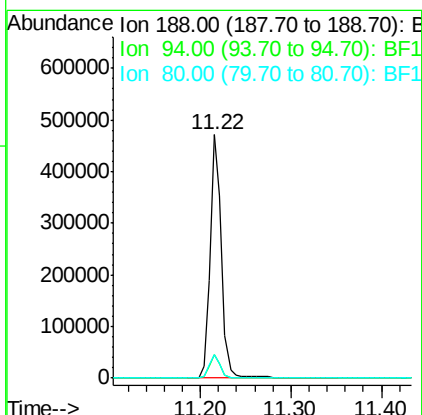
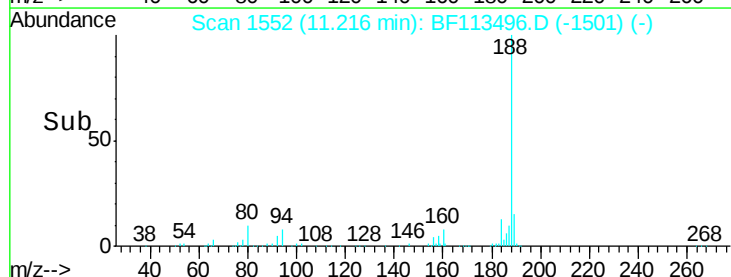
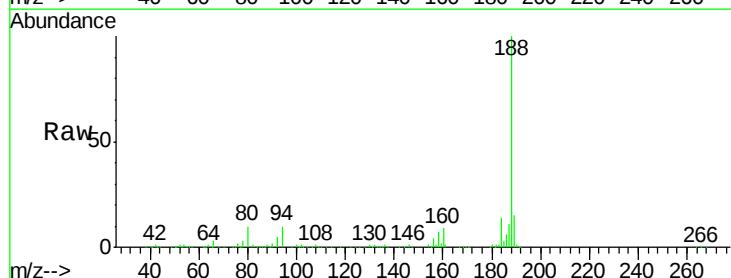
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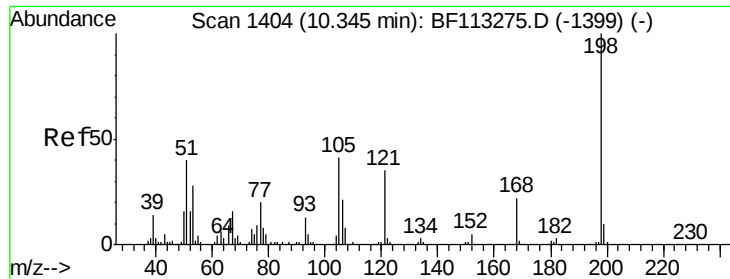
Sohil
4/2/2019 3:50:02 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	9.8	7.7	11.5





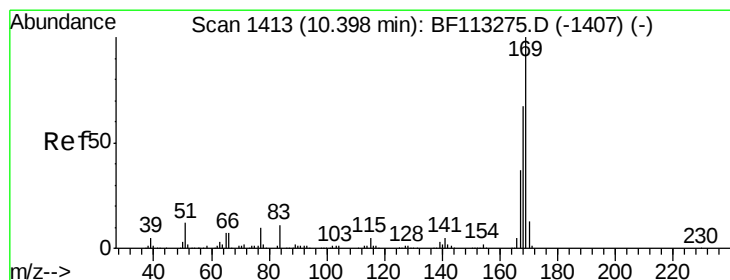
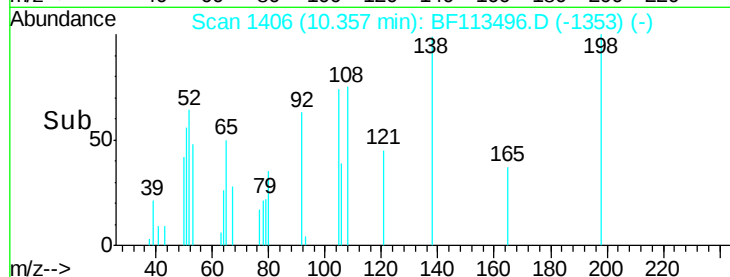
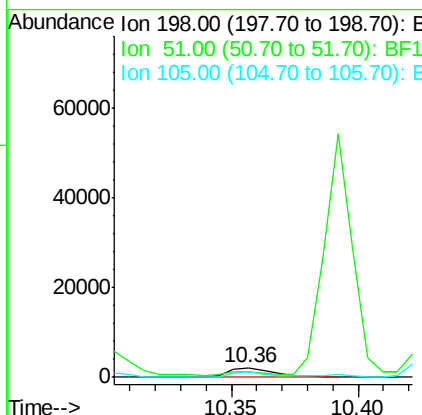
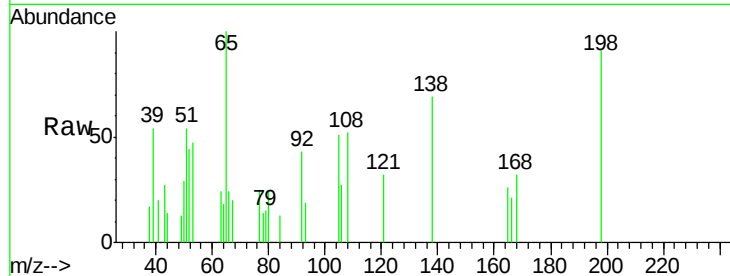
#65
 4,6-Dinitro-2-methylphenol
 Concen: 1.143 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	58.9	21.6	61.6
105	56.4	20.6	60.6

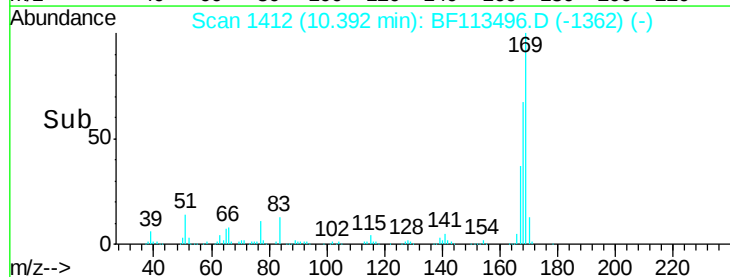
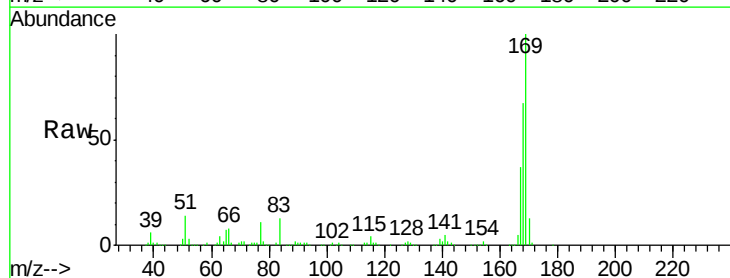
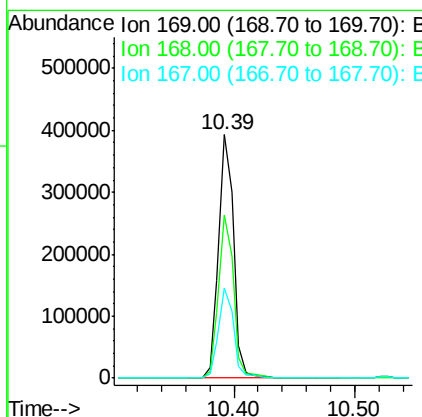
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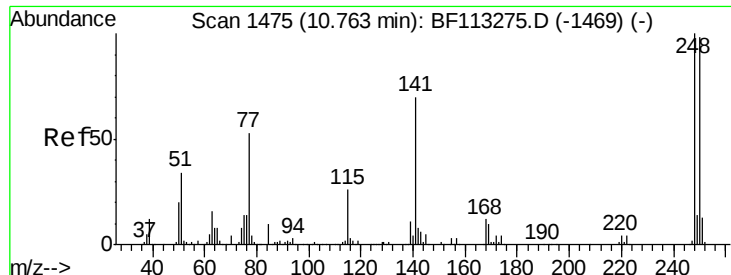
Sohil
 4/2/2019 3:50:02 PM



#66
 n-Nitrosodiphenylamine
 Concen: 26.425 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.7	80.5
167	36.8	29.5	44.3





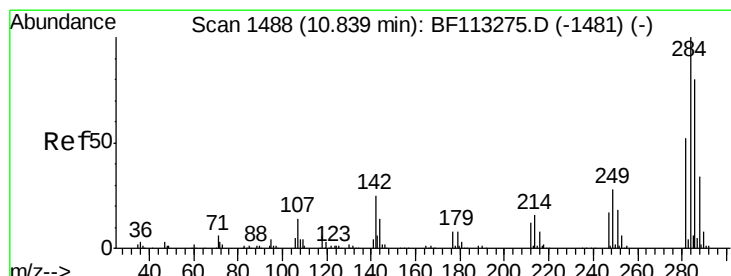
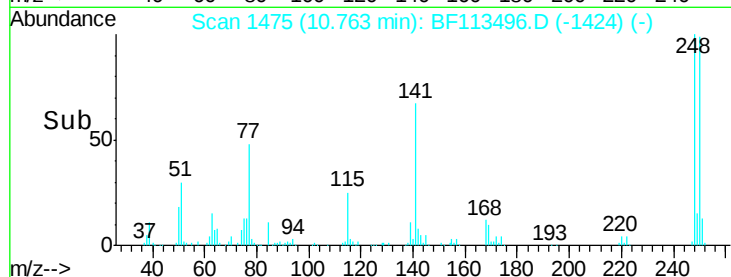
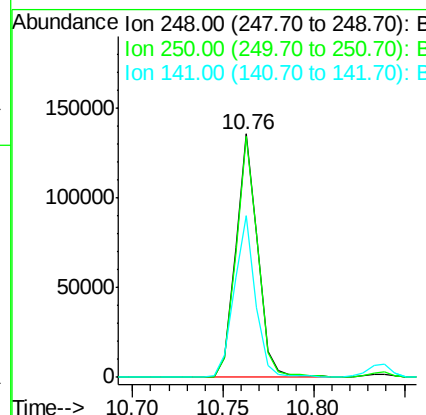
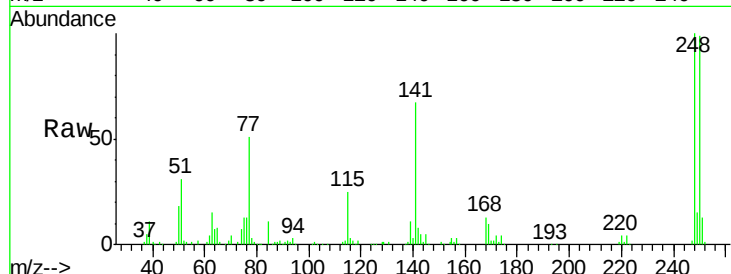
#67
 4-Bromophenyl-phenylether
 Concen: 25.342 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.3	117.5
141	66.7	56.2	84.4

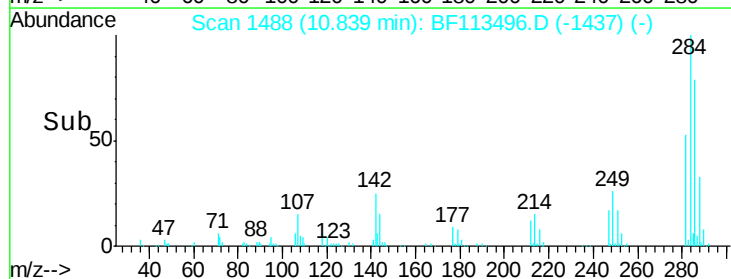
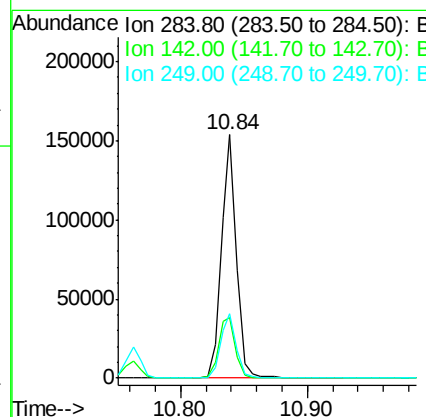
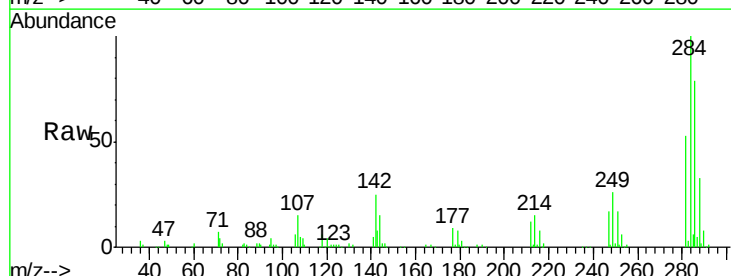
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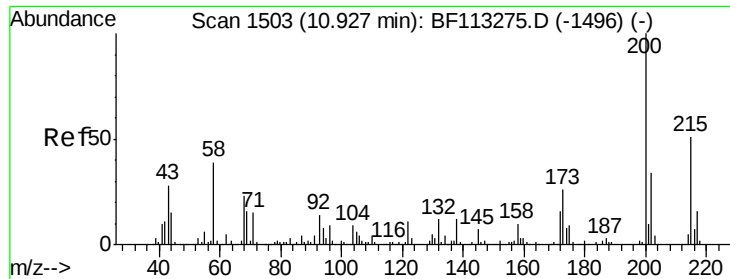
Sohil
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#68
 Hexachlorobenzene
 Concen: 24.725 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	20.1	30.1
249	26.3	22.7	34.1





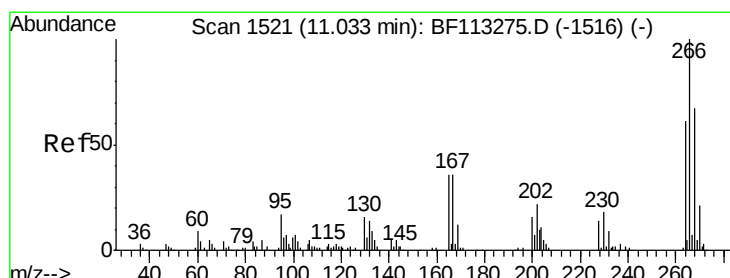
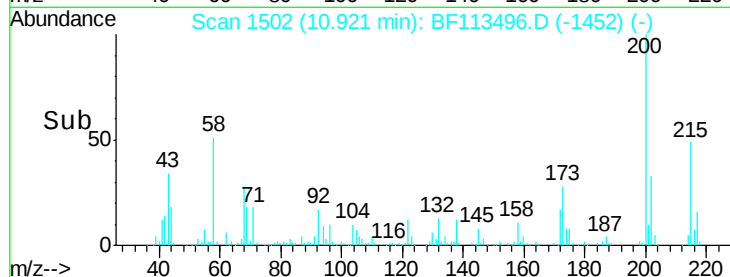
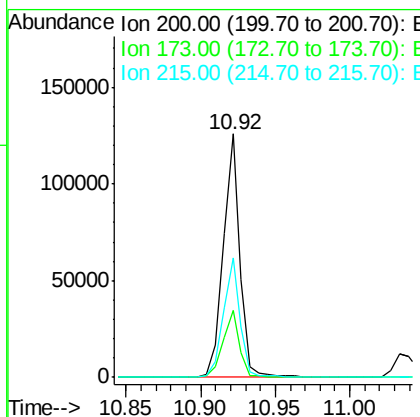
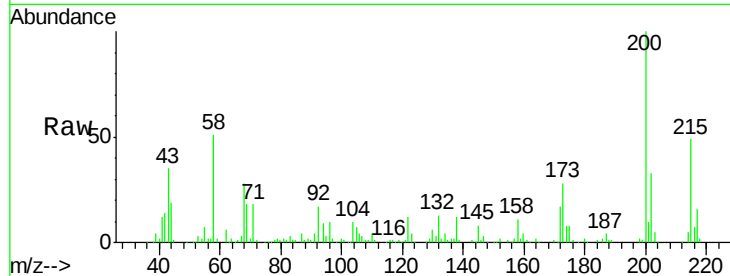
#69
Atrazine
Concen: 24.942 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.6	6.0	46.0
215	49.0	31.3	71.3

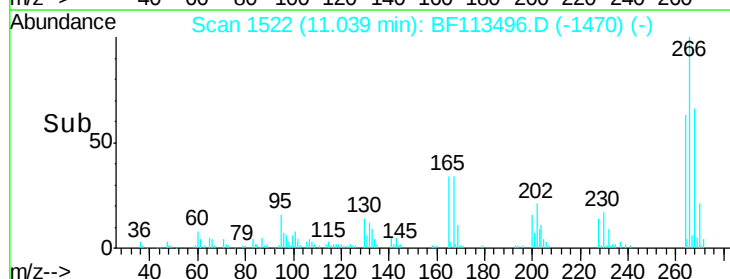
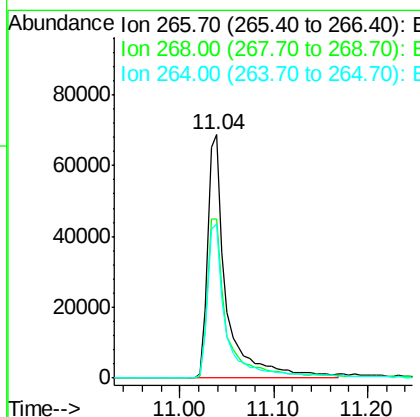
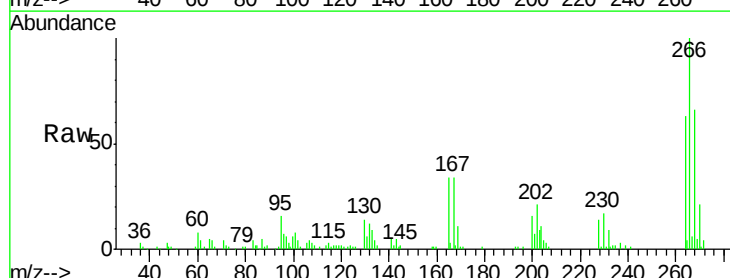
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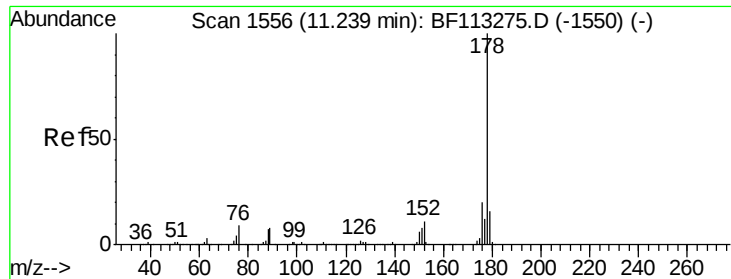
Sohil
4/2/2019 3:50:02 PM



#70
Pentachlorophenol
Concen: 35.754 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.6	53.8	80.6
264	63.2	49.2	73.8





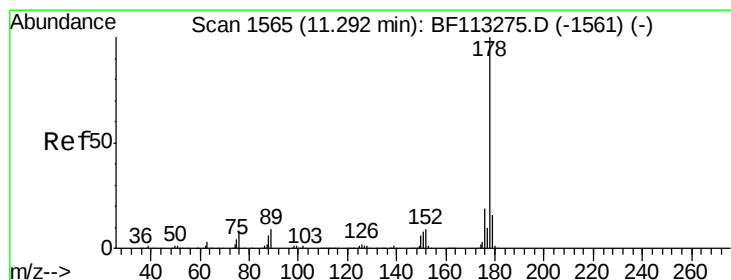
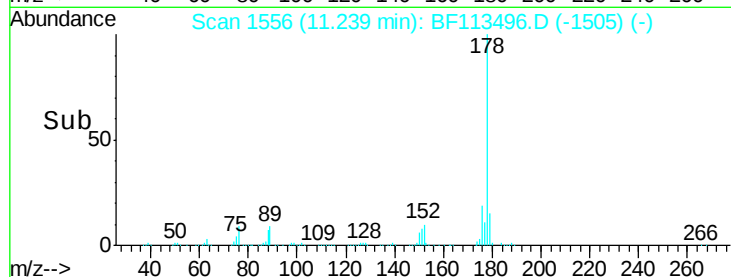
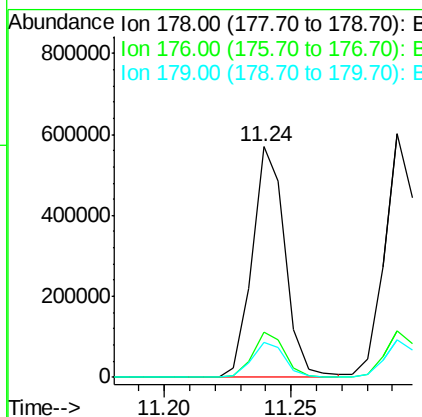
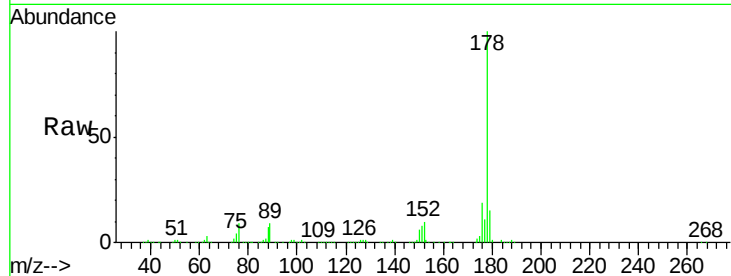
#71
Phenanthrene
Concen: 25.017 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	15.4	12.7	19.1

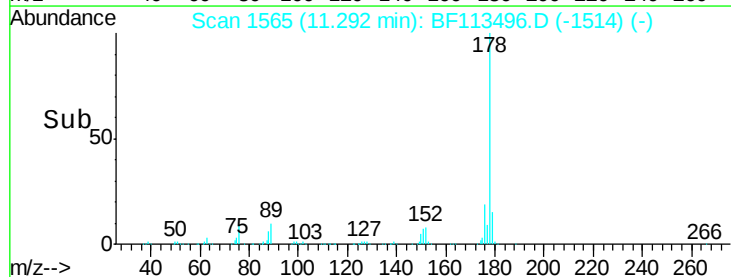
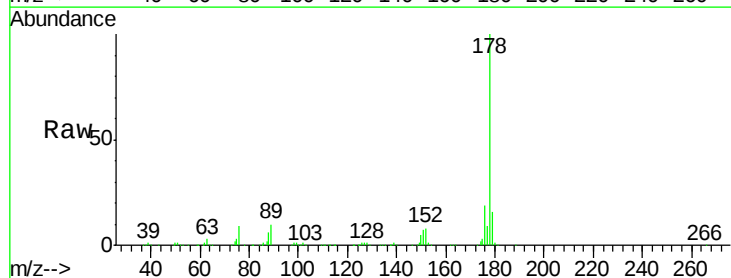
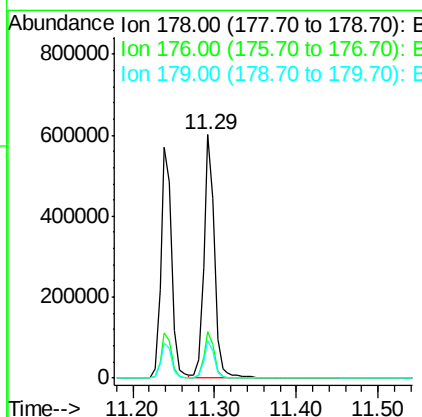
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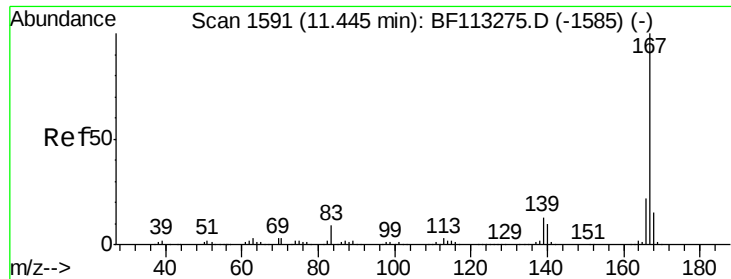
Sohil
4/2/2019 3:50:02 PM



#72
Anthracene
Concen: 26.146 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.5	12.8	19.2





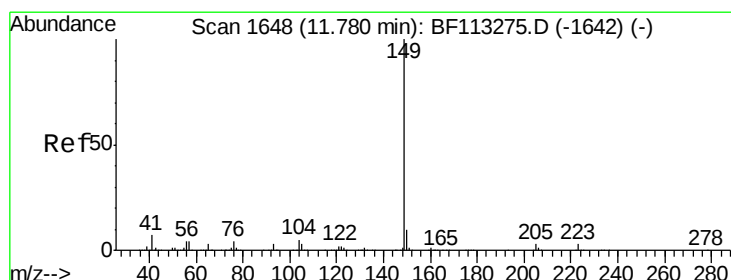
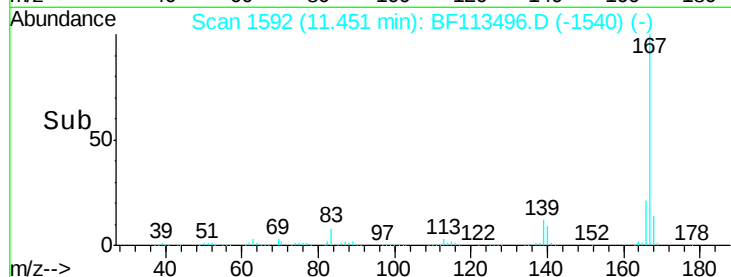
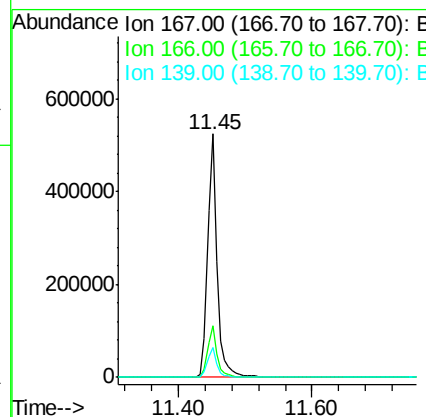
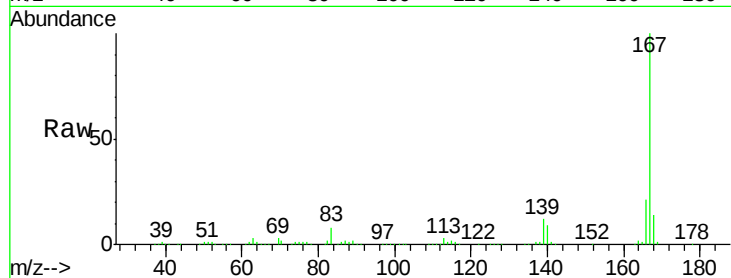
#73
 Carbazole
 Concen: 25.477 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :
 PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	504715		
166	21.1		17.4	26.0
139	12.1		10.4	15.6

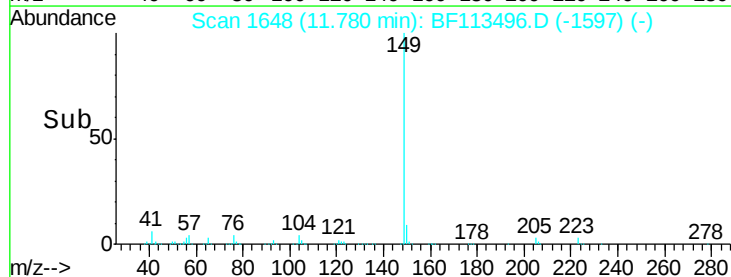
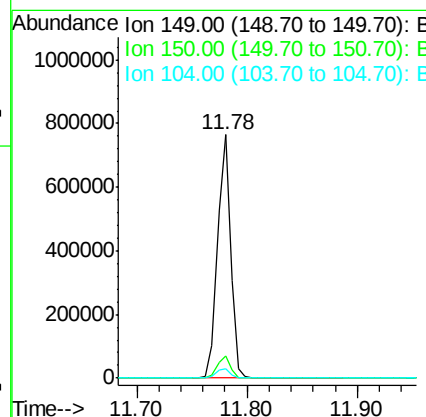
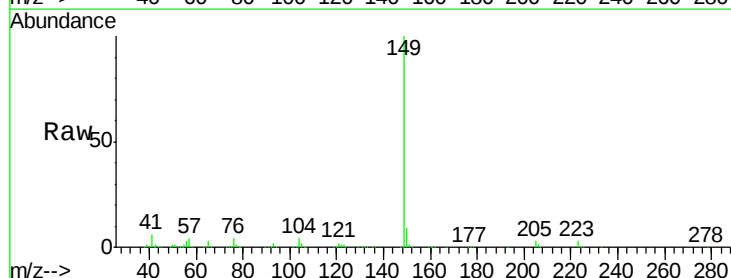
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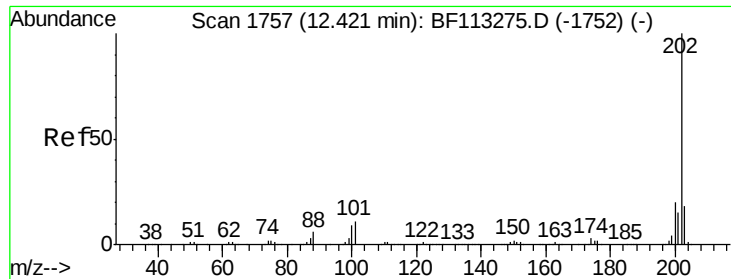
Sohil
 4/2/2019 3:50:02 PM



#74
 Di-n-butylphthalate
 Concen: 26.924 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	618532		
150	9.1		7.7	11.5
104	3.9		3.7	5.5





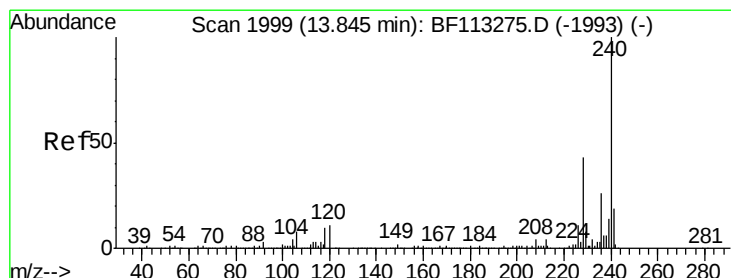
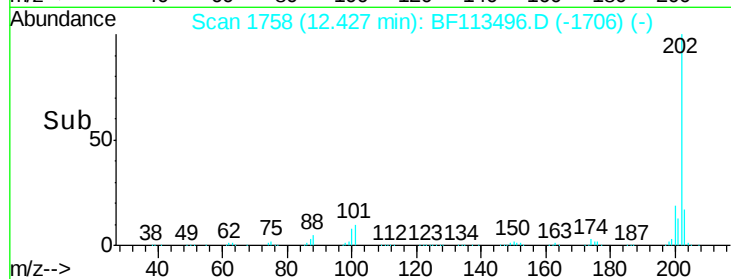
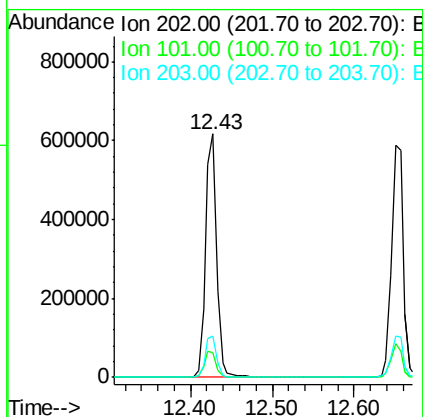
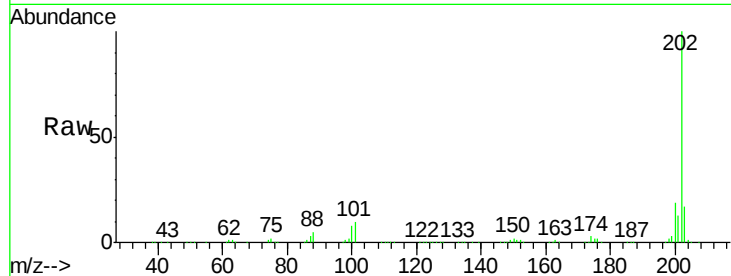
#75
Fluoranthene
Concen: 25.214 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.0	0.0	31.4
203	16.9	0.0	38.0

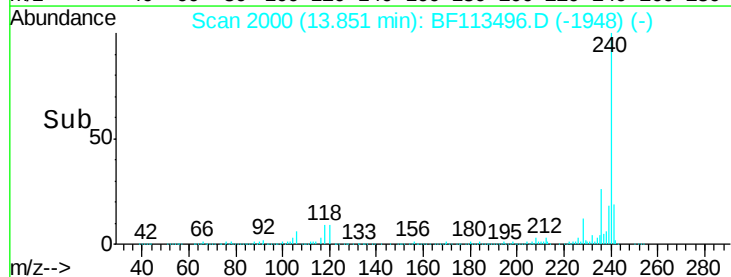
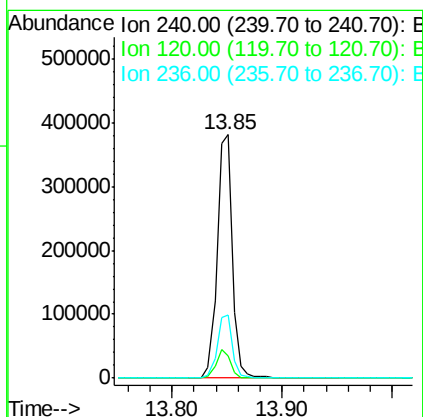
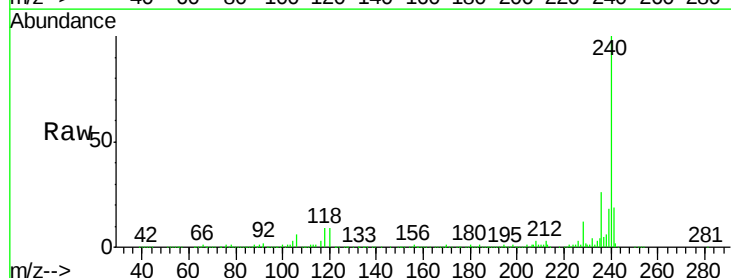
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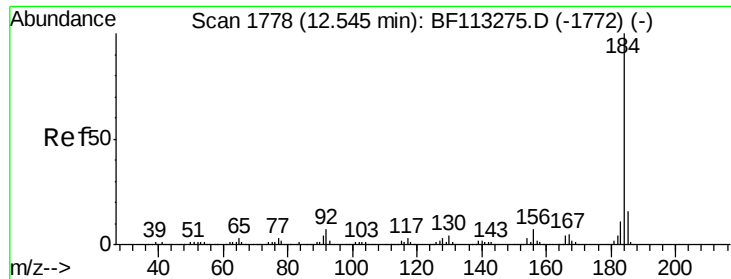
Sohil
4/2/2019 3:50:02 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.2	8.8	13.2
236	25.8	20.9	31.3





#77

Benzidine

Concen: 35.653 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

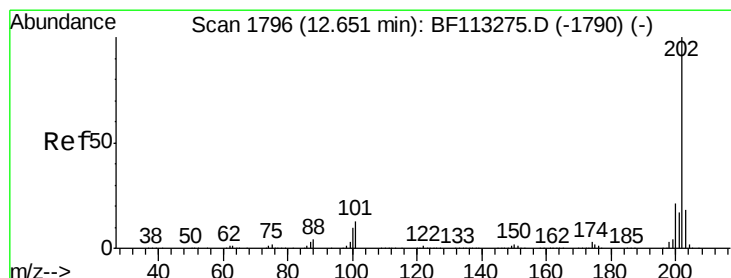
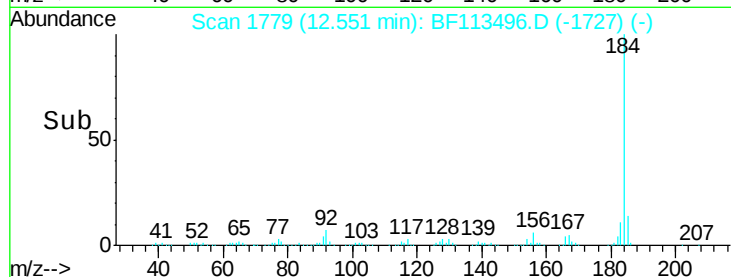
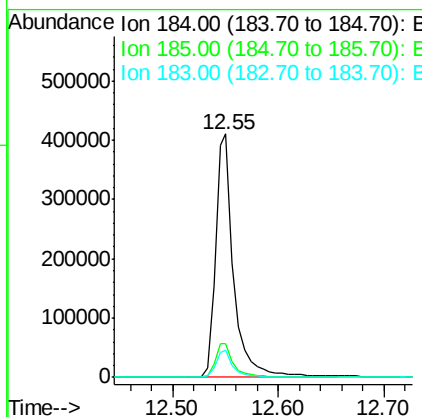
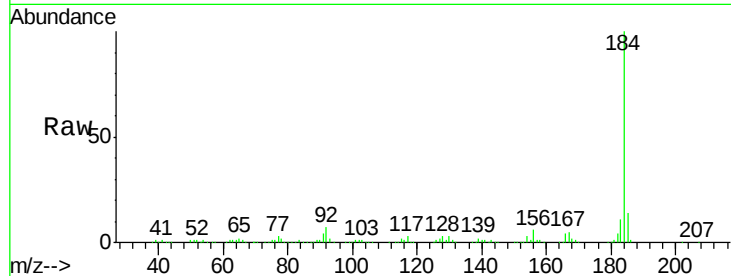
ClientSampleId :

PB118478BSD

Tgt Ion:	184	Resp:	497976
Ion Ratio	Lower	Upper	
184	100		
185	13.8	13.0	19.6
183	11.0	9.0	13.4

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4/2/2019 3:50:02 PM



#78

Pyrene

Concen: 23.448 ng

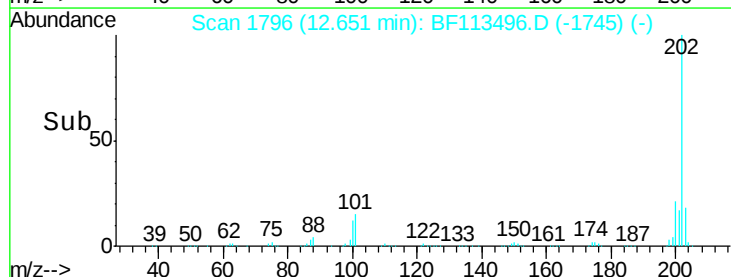
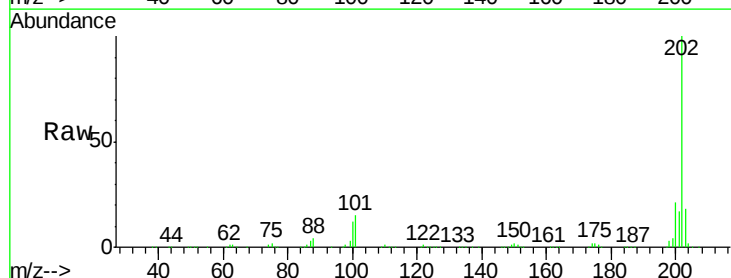
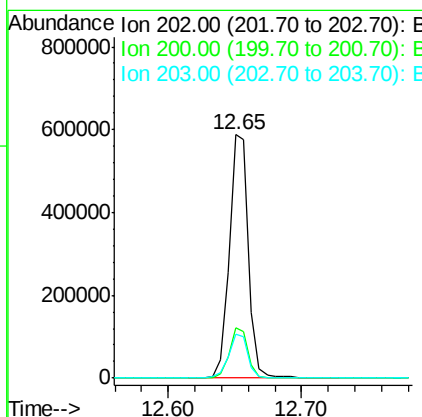
RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Tgt Ion:	202	Resp:	592655
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.8	25.2
203	18.1	14.4	21.6





#79

Terphenyl-d14

Concen: 46.271 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

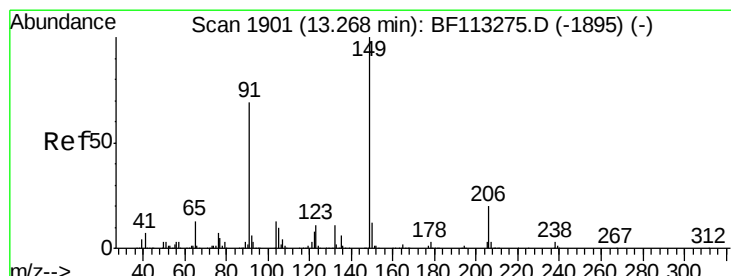
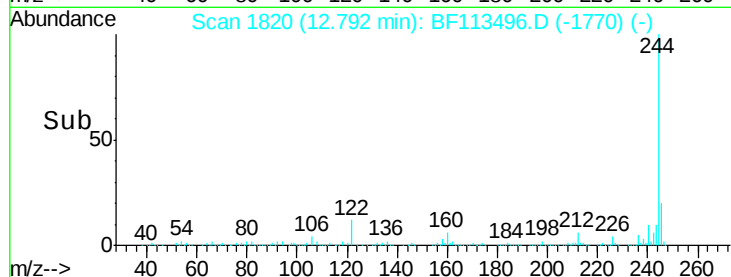
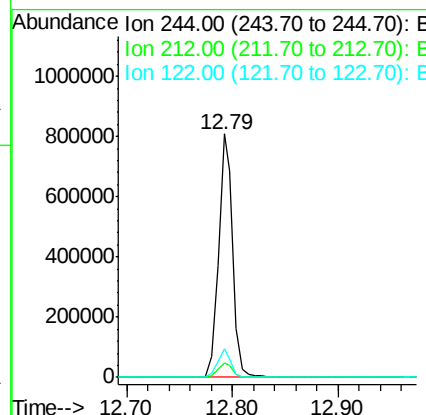
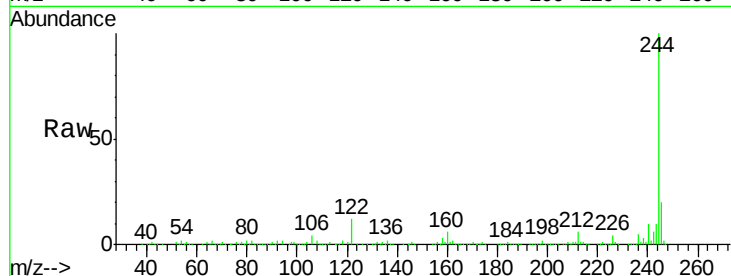
ClientSampleId :

PB118478BSD

Tgt Ion:	244	Resp:	765666
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.5	8.3
122	11.5	8.6	13.0

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#80

Butylbenzylphthalate

Concen: 23.044 ng

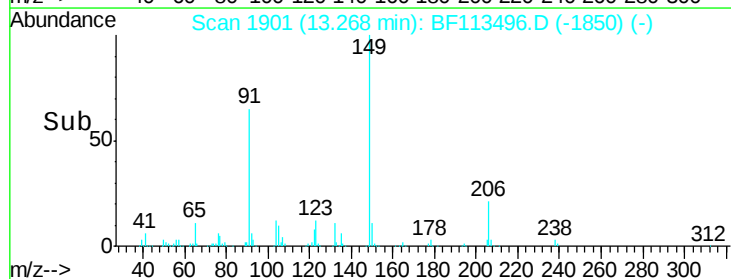
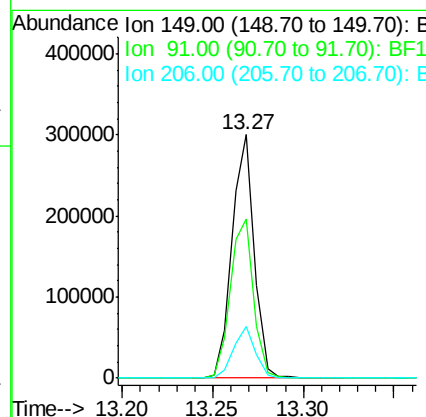
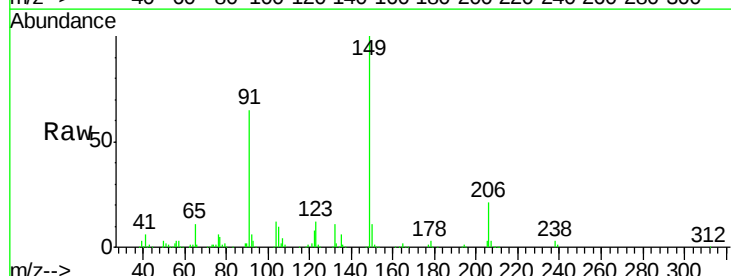
RT: 13.27 min Scan# 1901

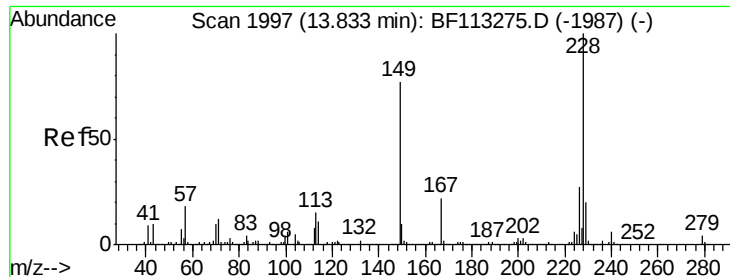
Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Tgt Ion:	149	Resp:	256683
Ion Ratio	Lower	Upper	
149	100		
91	65.2	55.2	82.8
206	21.2	16.1	24.1





#81

Benzo(a)anthracene

Concen: 23.868 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

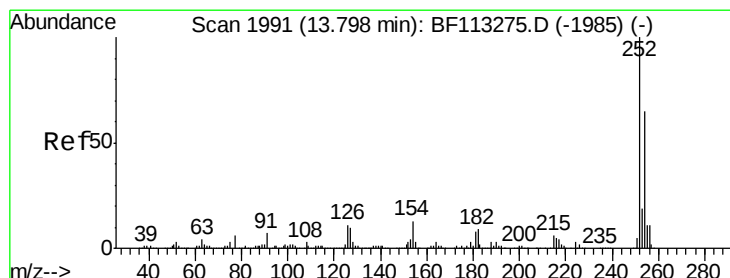
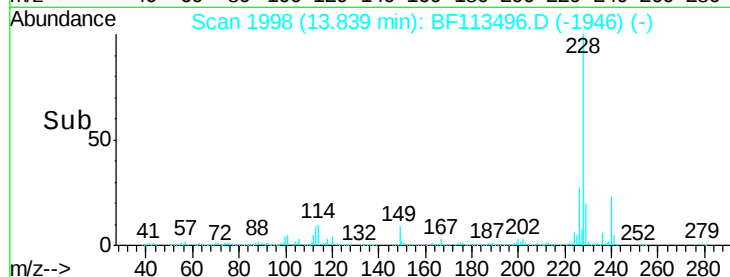
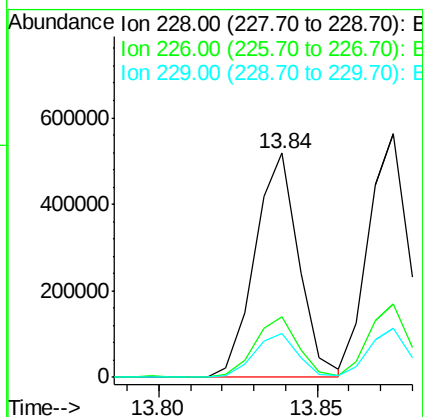
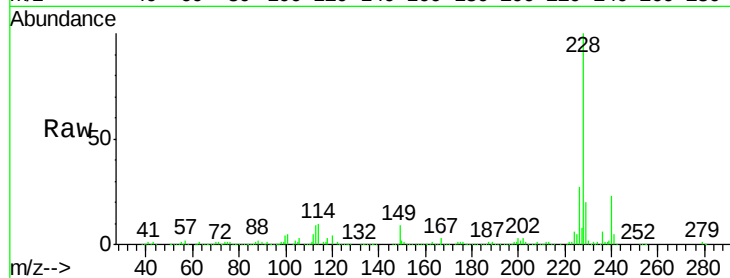
ClientSampleId :

PB118478BSD

Tgt Ion:	228	Resp:	498315
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.8	32.8
229	19.5	16.2	24.4

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#82

3,3'-Dichlorobenzidine

Concen: 25.535 ng

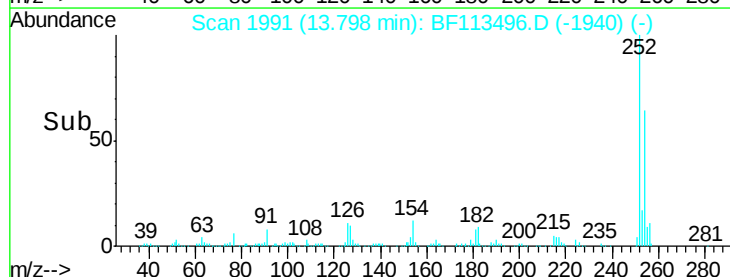
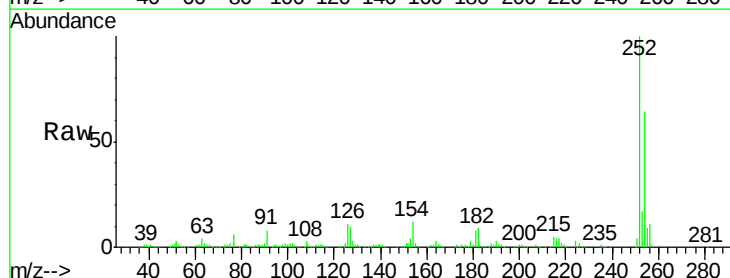
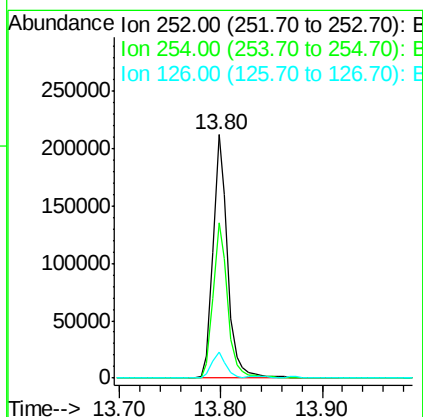
RT: 13.80 min Scan# 1991

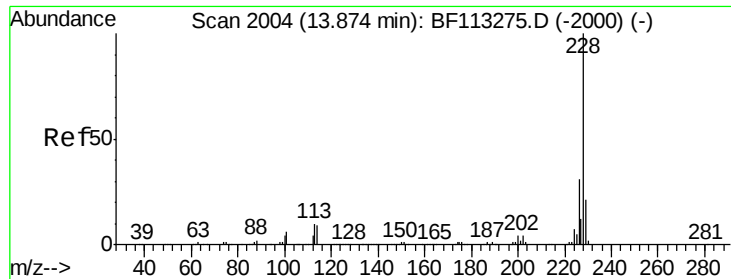
Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Tgt Ion:	252	Resp:	213868
Ion Ratio	Lower	Upper	
252	100		
254	63.9	52.2	78.2
126	10.8	8.5	12.7





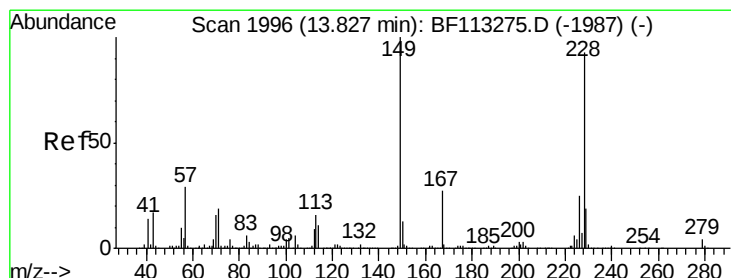
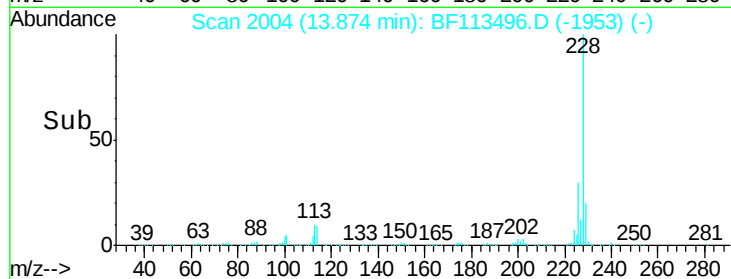
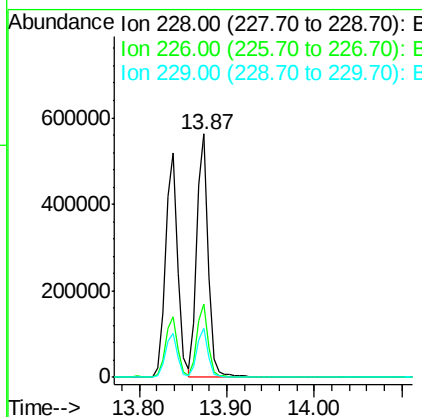
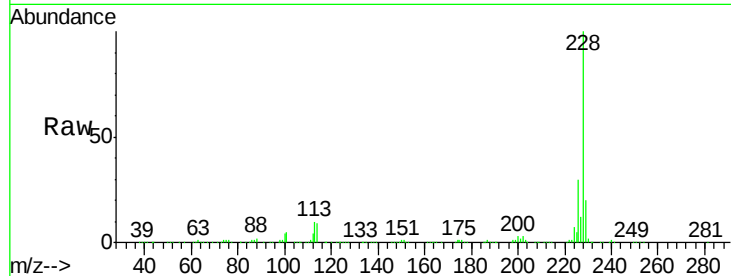
#83
Chrysene
Concen: 24.193 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.1	16.3	24.5

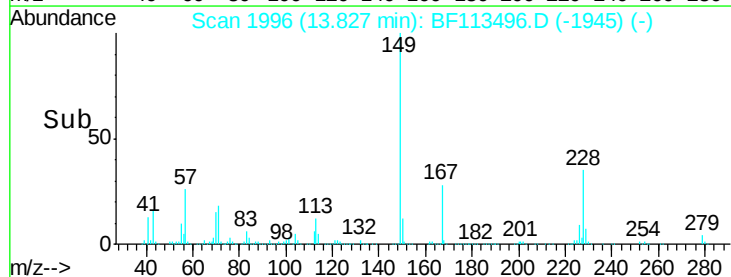
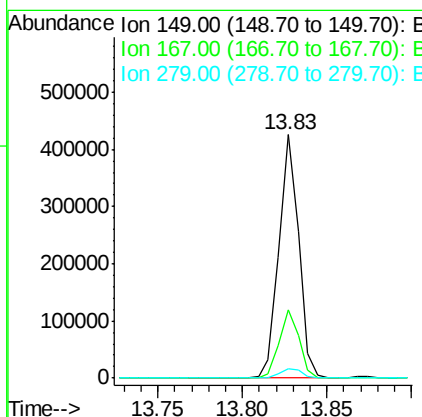
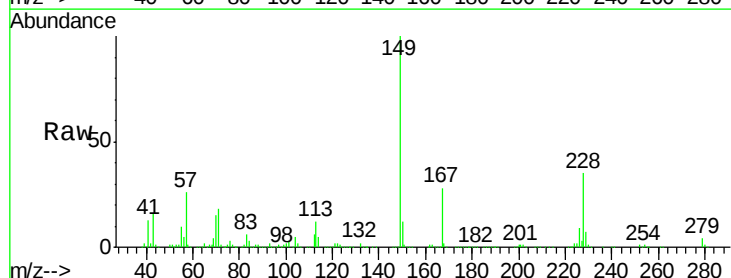
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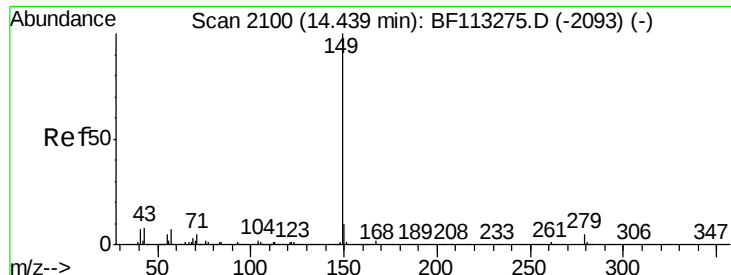
Sohil
4/2/2019 3:50:02 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 25.374 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	4.0	2.9	4.3





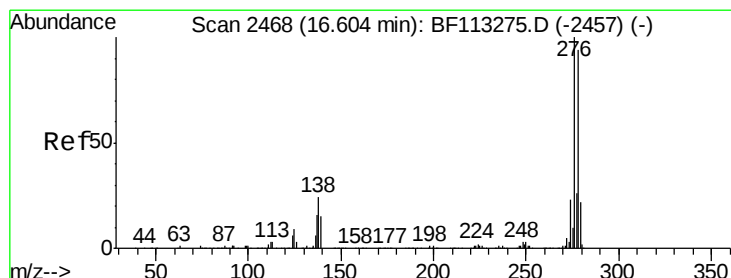
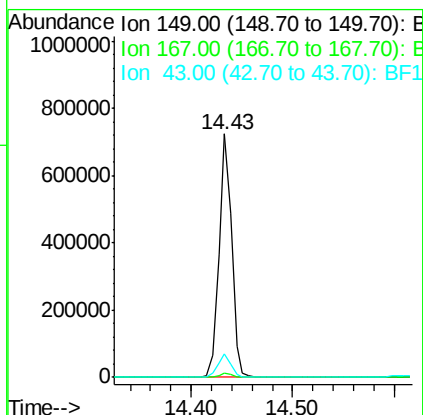
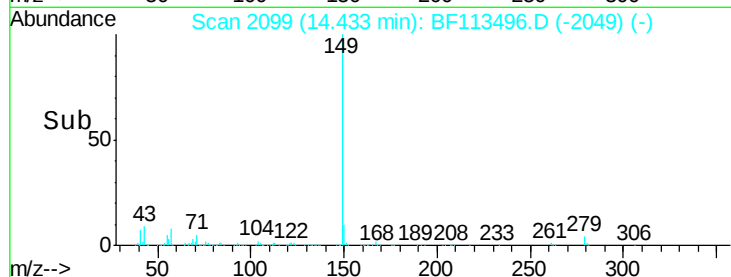
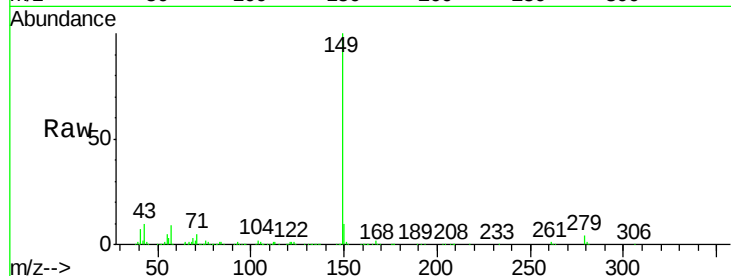
#85
Di-n-octyl phthalate
Concen: 27.092 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	627959		
167	1.6		1.3	1.9
43	9.5		7.7	11.5

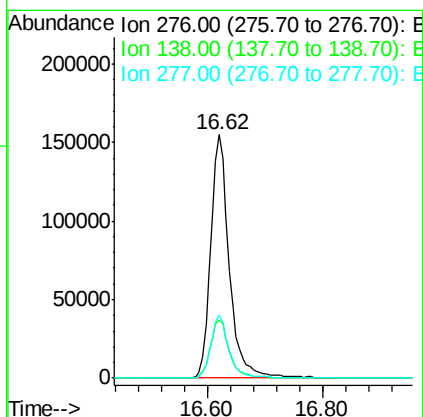
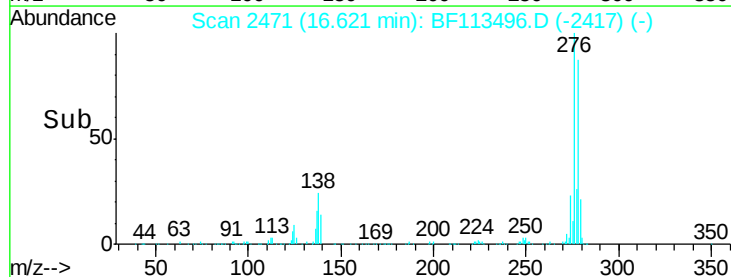
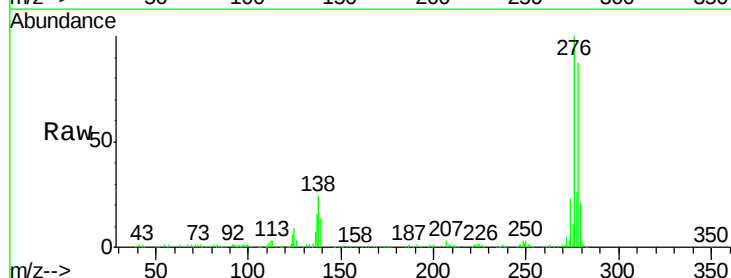
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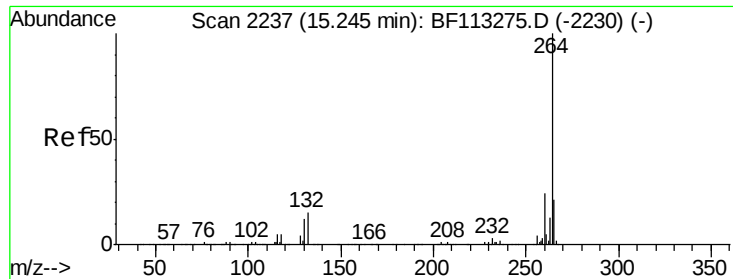
Sohil
4/2/2019 3:50:02 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 19.136 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.02 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	348274		
138	24.2		18.1	27.1
277	25.0		20.2	30.4





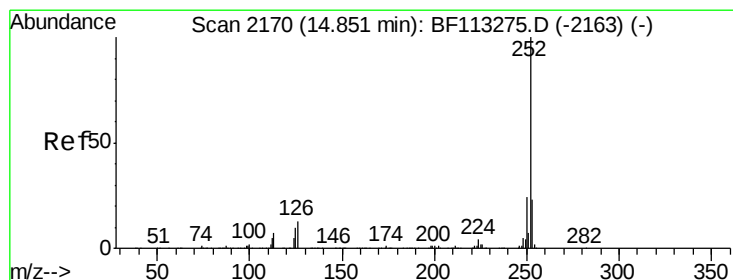
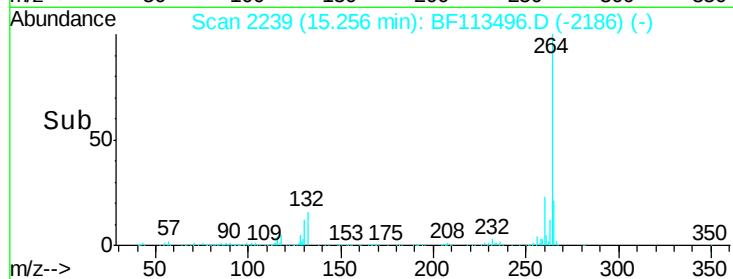
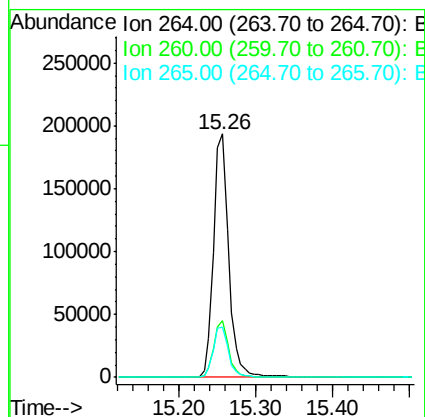
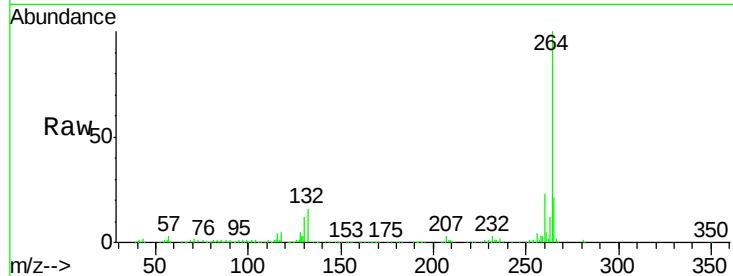
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleID :
PB118478BSD

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	260962		
260	23.2	19.1	28.7	
265	20.7	17.1	25.7	

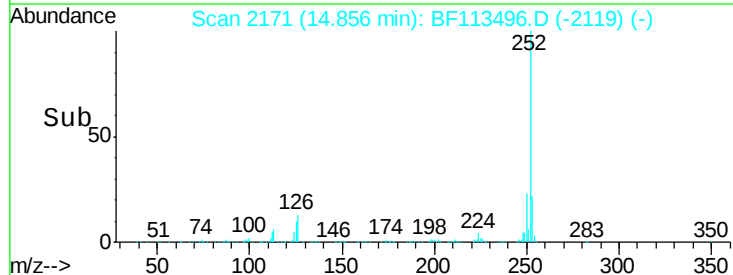
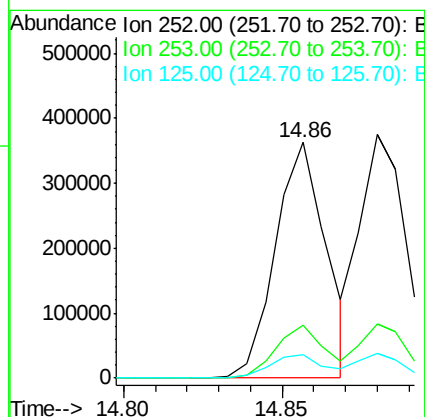
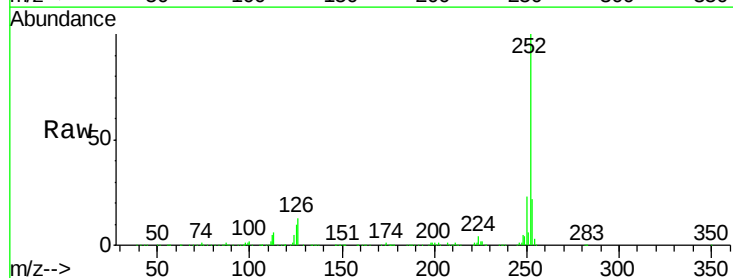
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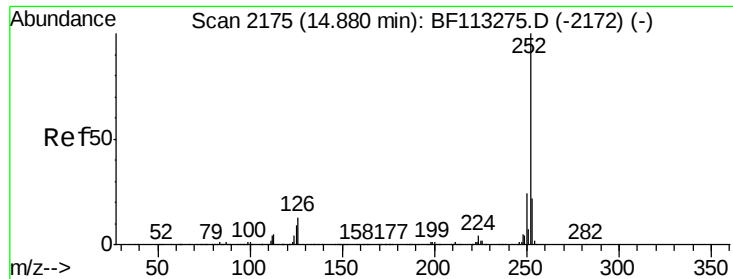
Sohil
4/2/2019 3:50:02 PM



#88
Benzo(b)fluoranthene
Concen: 24.844 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	402742		
253	22.2	18.0	27.0	
125	10.0	7.6	11.4	





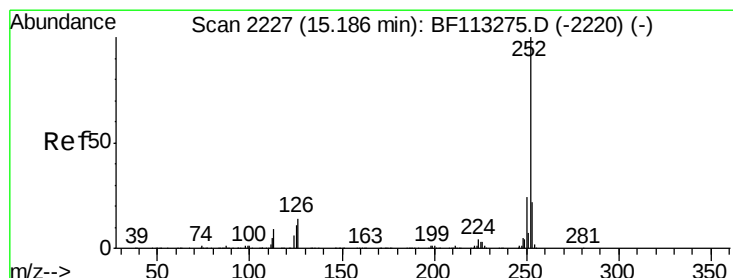
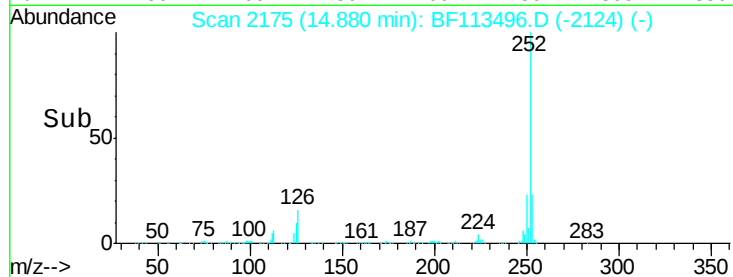
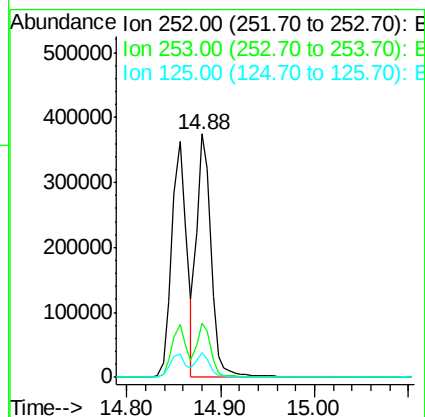
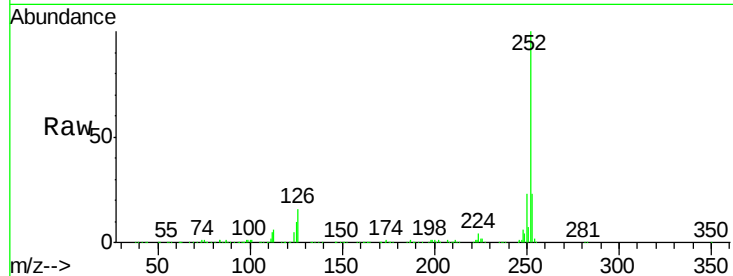
#89
Benzo(k)fluoranthene
Concen: 28.100 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.1	7.3	10.9

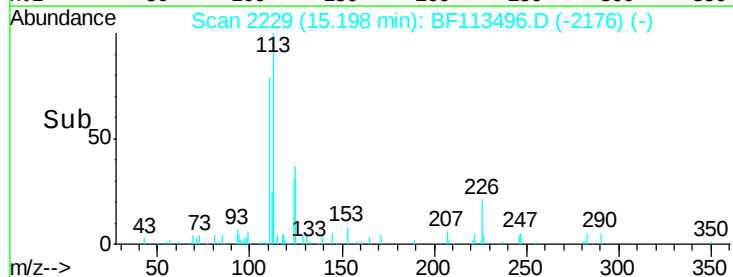
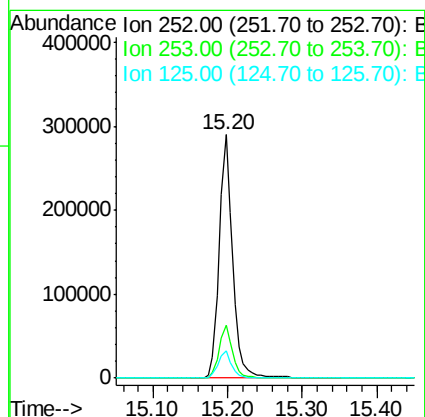
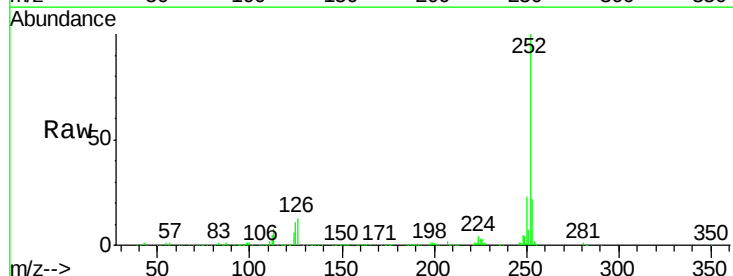
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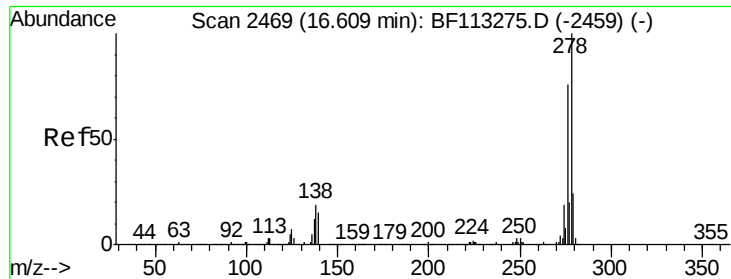
Sohil
4/2/2019 3:50:02 PM



#90
Benzo(a)pyrene
Concen: 24.963 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.0	8.8	13.2





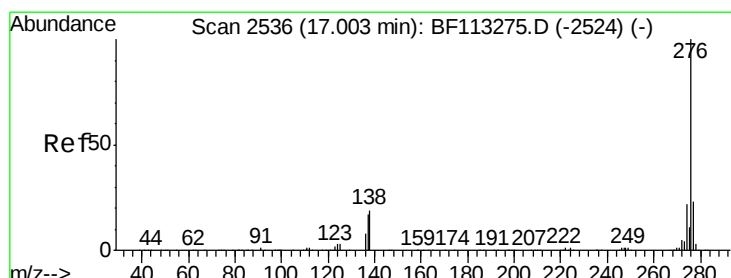
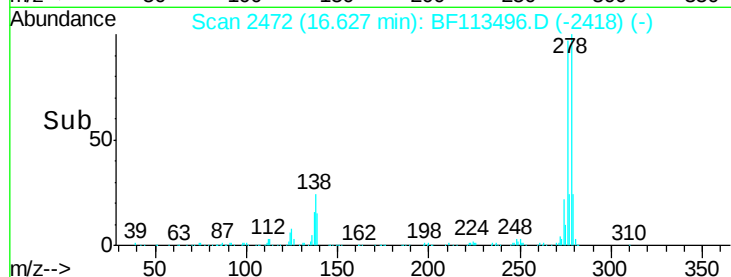
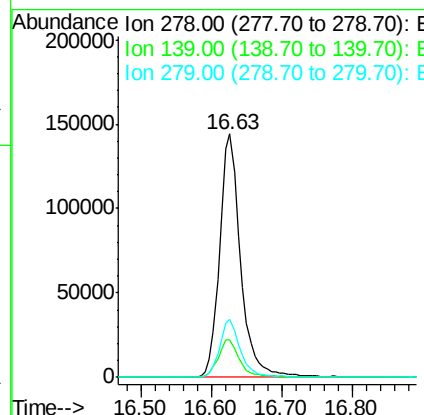
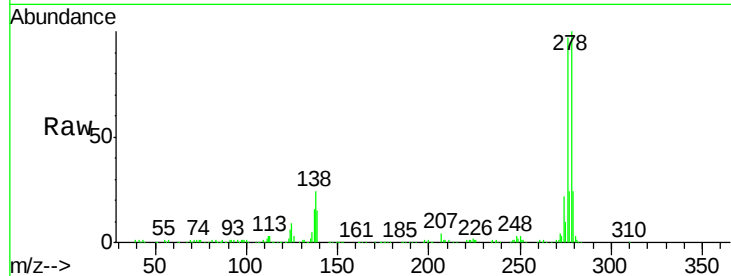
#91
Dibenzo(a,h)anthracene
Concen: 23.989 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.02 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :
PB118478BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.0	18.0
279	23.6	19.0	28.6

Manual Integrations
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4/2/2019 3:50:02 PM



#92
Benzo(g,h,i)perylene
Concen: 22.877 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.03 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.1	15.6	23.4

