

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113753.D
 Acq On : 12 Apr 2019 22:23
 Operator : JU/SJ
 Sample : K2374-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1(0-10)MS

Manual Integrations
 APPROVED

Sohil
 4/15/2019 12:27:26 AM

Quant Time: Apr 13 04:00:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113563	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	417523	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	200419	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	380582	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	249059	20.00	ng	-0.02
87) Perylene-d12	15.23	264	290484	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	771278	115.81	ng	0.00
7) Phenol-d6	6.33	99	948221	115.52	ng	0.00
23) Nitrobenzene-d5	7.25	82	534334	74.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	256644	106.60	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1018553	81.82	ng	-0.02
79) Terphenyl-d14	12.76	244	987970	80.76	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	105035	33.300	ng	98
3) Pyridine	3.07	79	239460	29.010	ng	99
4) n-Nitrosodimethylamine	2.99	42	122433	34.909	ng	99
6) Aniline	6.35	93	228769	22.994	ng	# 65
8) 2-Chlorophenol	6.47	128	279496	36.274	ng	94
9) Benzaldehyde	6.23	77	108740	22.280	ng	99
10) Phenol	6.35	94	346786	36.992	ng	85
11) bis(2-Chloroethyl)ether	6.41	93	271511	37.233	ng	100
12) 1,3-Dichlorobenzene	6.61	146	296684	35.755	ng	100
13) 1,4-Dichlorobenzene	6.69	146	304920	36.364	ng	99
14) 1,2-Dichlorobenzene	6.85	146	282419	37.313	ng	97
15) Benzyl Alcohol	6.83	79	187938	33.863	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	396447	34.927	ng	# 45
17) 2-Methylphenol	6.95	107	218430	36.580	ng	# 90
18) Hexachloroethane	7.18	117	107917	35.358	ng	95
19) n-Nitroso-di-n-propylamine	7.09	70	187721	37.088	ng	97
20) 3+4-Methylphenols	7.11	107	288315	39.849	ng	89
22) Acetophenone	7.09	105	384381	41.916	ng	98
24) Nitrobenzene	7.26	77	270760	36.885	ng	100
25) Isophorone	7.50	82	503821	36.692	ng	99
26) 2-Nitrophenol	7.58	139	144799	36.651	ng	97
27) 2,4-Dimethylphenol	7.63	122	244732	43.330	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	319365	36.788	ng	98
29) 2,4-Dichlorophenol	7.84	162	242326	40.100	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	249171	37.969	ng	98
31) Naphthalene	7.97	128	785890	38.848	ng	100
32) Benzoic acid	7.76	122	21607	4.940	ng	89
33) 4-Chloroaniline	8.06	127	64131	7.995	ng	99
34) Hexachlorobutadiene	8.09	225	147453	36.854	ng	99
35) Caprolactam	8.40	113	85168m	44.398	ng	
36) 4-Chloro-3-methylphenol	8.54	107	231381	38.142	ng	99
37) 2-Methylnaphthalene	8.67	142	528819	39.745	ng	99
38) 1-Methylnaphthalene	8.77	142	498039	38.819	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	246779	38.073	ng	99

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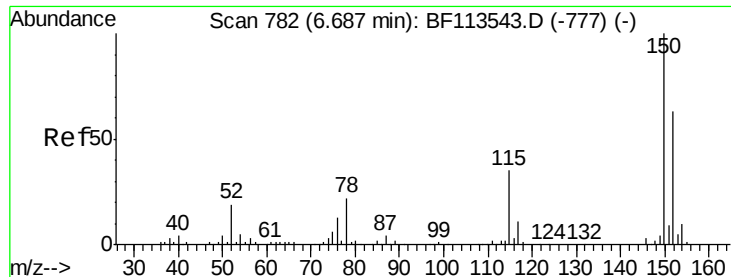
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	78484	42.194	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	152617	37.302	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	156377	35.601	ng	98
46) 1,1'-Biphenyl	9.13	154	637891	38.570	ng	99
47) 2-Chloronaphthalene	9.16	162	476997	38.093	ng	98
48) 2-Nitroaniline	9.26	65	148610	38.786	ng	100
49) Acenaphthylene	9.57	152	761050	37.376	ng	99
50) Dimethylphthalate	9.43	163	636072	43.055	ng	99
51) 2,6-Dinitrotoluene	9.50	165	122958	37.758	ng	93
52) Acenaphthene	9.74	154	450653	38.664	ng	99
53) 3-Nitroaniline	9.67	138	89112	24.068	ng	91
54) 2,4-Dinitrophenol	9.83	184	20452	13.424	ng	90
55) Dibenzofuran	9.91	168	672311	39.322	ng	99
56) 4-Nitrophenol	9.87	139	69399	30.216	ng	93
57) 2,4-Dinitrotoluene	9.92	165	155951	39.597	ng	97
58) Fluorene	10.25	166	528736	39.099	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	133016	34.985	ng	95
60) Diethylphthalate	10.13	149	544987	38.261	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	263306	39.586	ng	91
62) 4-Nitroaniline	10.29	138	128582	34.152	ng	97
63) Azobenzene	10.40	77	499409	37.030	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	32953	16.447	ng	88
66) n-Nitrosodiphenylamine	10.36	169	473882	40.559	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	164531	38.546	ng	99
68) Hexachlorobenzene	10.80	284	184682	37.761	ng	# 91
69) Atrazine	10.89	200	142720	38.755	ng	95
70) Pentachlorophenol	11.01	266	86389	37.485	ng	98
71) Phenanthrene	11.21	178	755404	39.944	ng	99
72) Anthracene	11.26	178	793682	41.250	ng	99
73) Carbazole	11.42	167	712553	39.596	ng	99
74) Di-n-butylphthalate	11.74	149	825353	38.555	ng	100
75) Fluoranthene	12.40	202	759223	37.465	ng	98
77) Benzidine	12.52	184	274999	29.692	ng	97
78) Pyrene	12.62	202	744574	39.290	ng	99
80) Butylbenzylphthalate	13.23	149	288027	37.338	ng	98
81) Benzo(a)anthracene	13.81	228	528050	36.754	ng	100
82) 3,3'-Dichlorobenzidine	13.77	252	137764	24.895	ng	99
83) Chrysene	13.84	228	553327	37.992	ng	100
84) Bis(2-ethylhexyl)phthalate	13.79	149	365976	39.240	ng	99
85) Di-n-octyl phthalate	14.40	149	586661	38.697	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	797104	59.278	ng	99
88) Benzo(b)fluoranthene	14.83	252	619031	34.814	ng	99
89) Benzo(k)fluoranthene	14.86	252	573424	35.933	ng	99
90) Benzo(a)pyrene	15.17	252	612728	38.779	ng	98
91) Dibenzo(a,h)anthracene	16.59	278	668099	45.216	ng	99
92) Benzo(g,h,i)perylene	17.00	276	698735	46.331	ng	99

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



#1

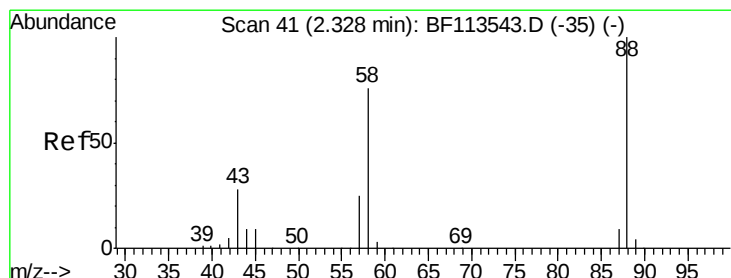
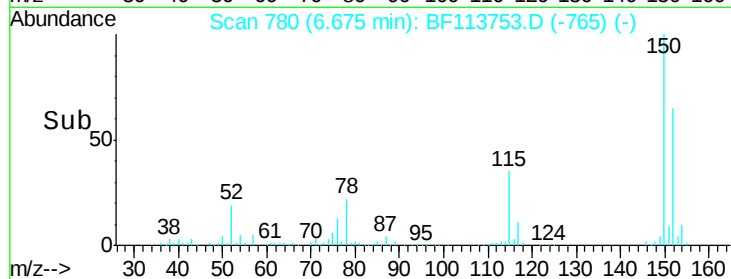
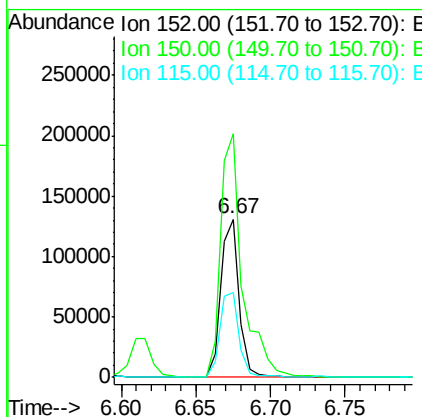
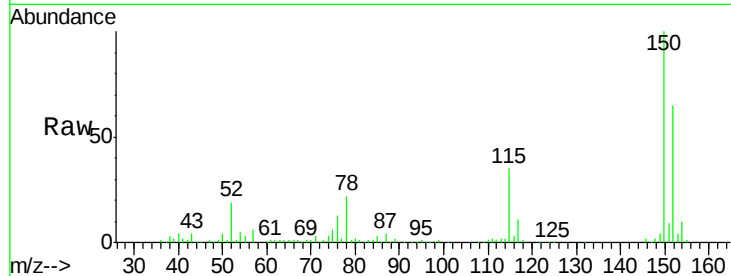
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.7	187.1
115	53.6	46.0	69.0

Manual Integrations
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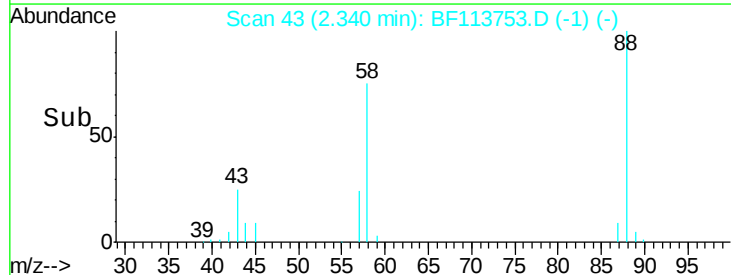
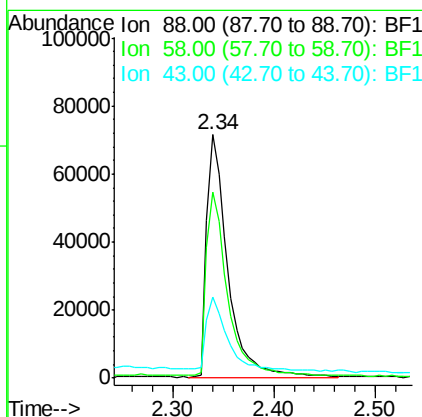
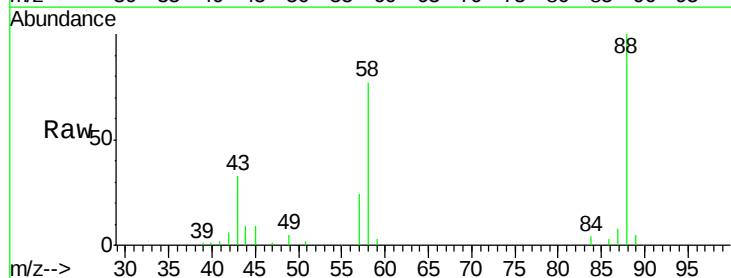
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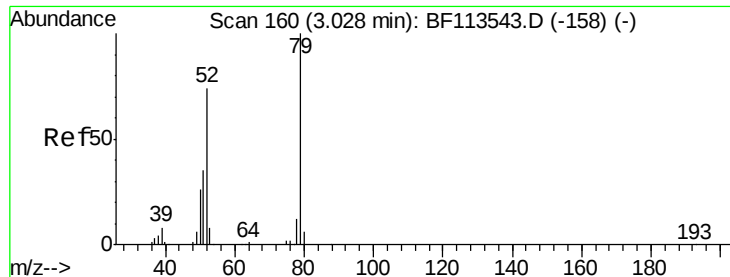


#2

1,4-Dioxane
Concen: 33.300 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	61.9	92.9
43	29.4	24.2	36.4





#3

Pyridine

Concen: 29.010 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.04 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

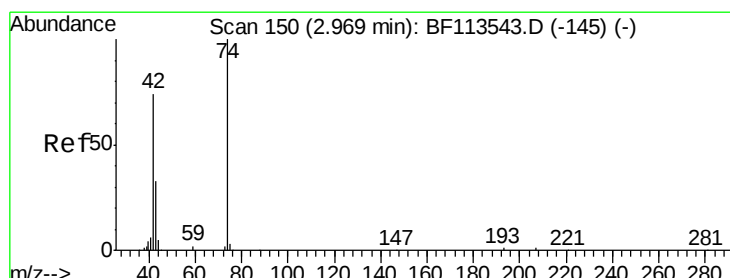
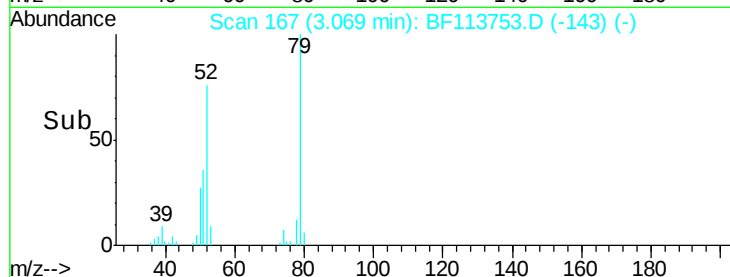
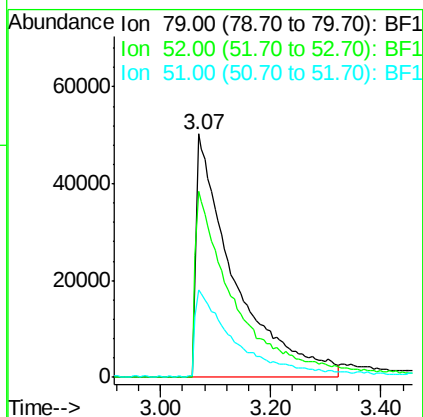
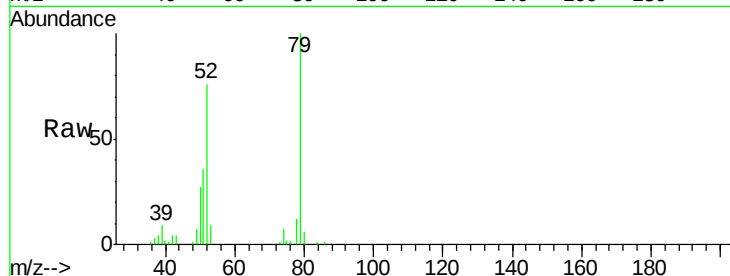
ClientSampleId :

P-1(0-10)MS

Tgt Ion:	79	Resp:	239460
Ion	Ratio	Lower	Upper
79	100		
52	76.3	61.0	91.4
51	35.7	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.909 ng

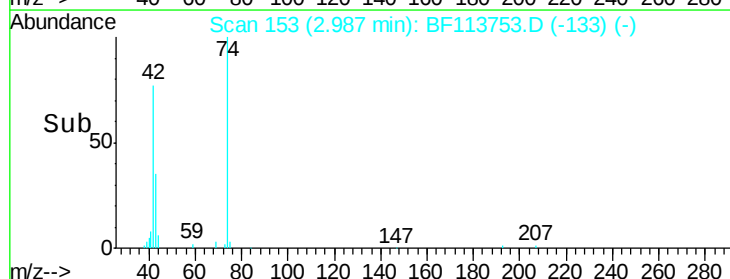
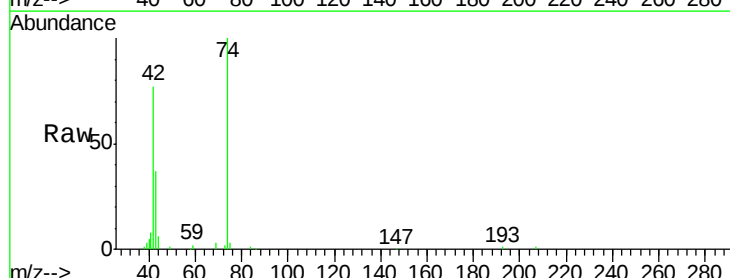
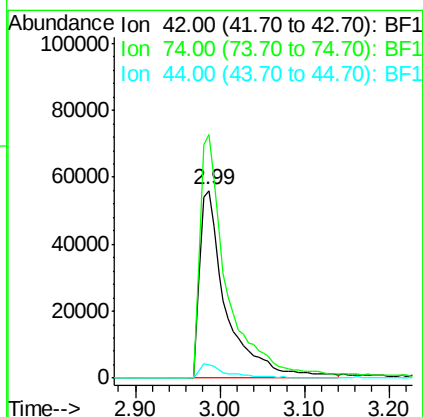
RT: 2.99 min Scan# 153

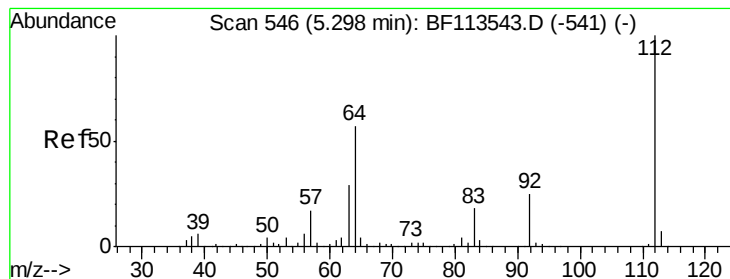
Delta R.T. 0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion:	42	Resp:	122433
Ion	Ratio	Lower	Upper
42	100		
74	129.7	102.4	153.6
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 115.813 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

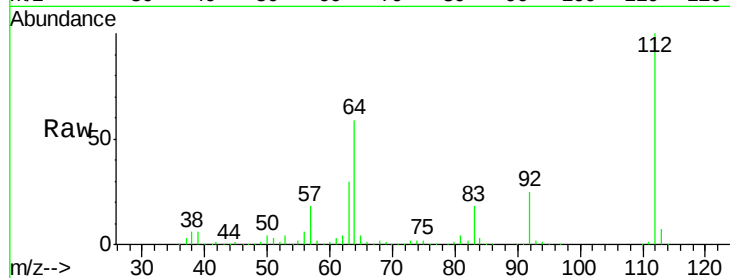
ClientSampleId :

P-1(0-10)MS

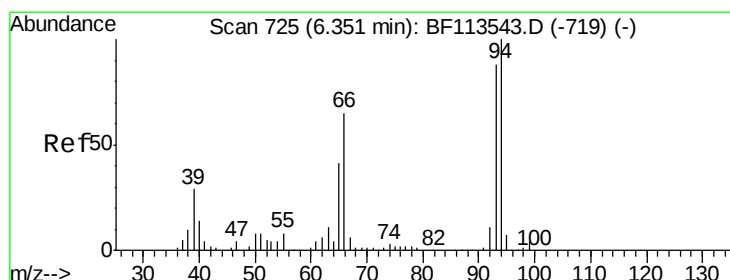
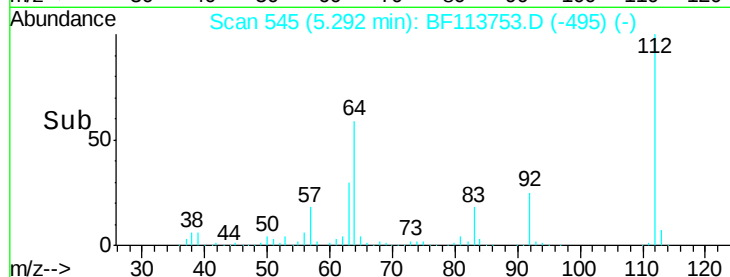
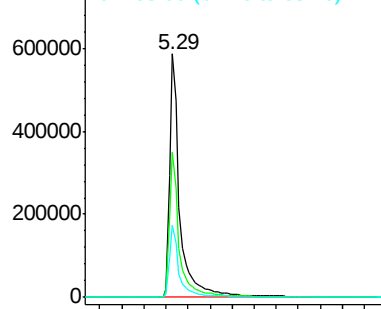
Tgt Ion:	112	Resp:	771278
Ion Ratio		Lower	Upper
112	100		
64	59.4	49.2	73.8
63	29.8	24.9	37.3

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF113753.D (-541) (-)



#6

Aniline

Concen: 22.994 ng

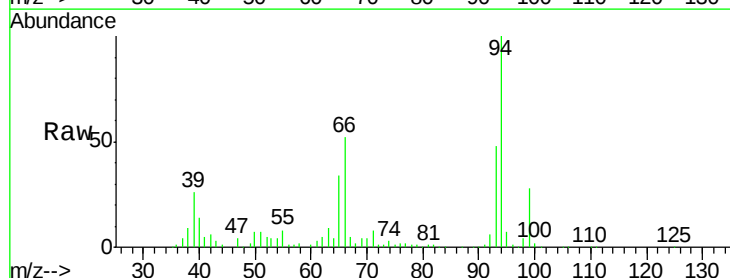
RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

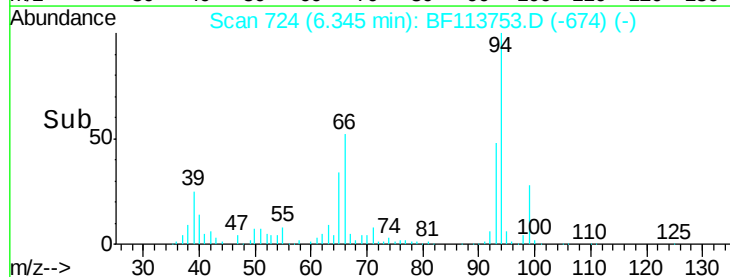
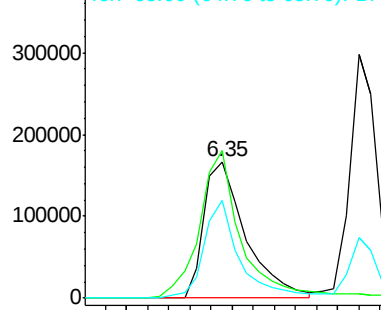
Lab File: BF113753.D

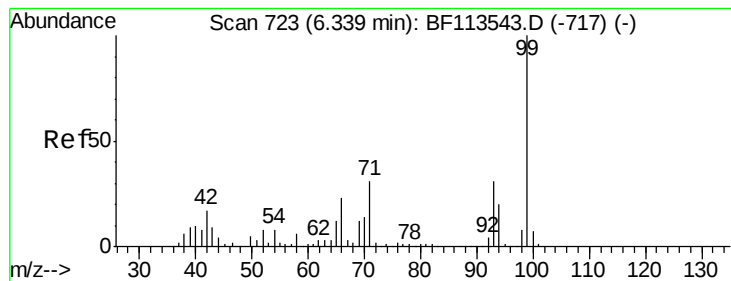
Acq: 12 Apr 2019 22:23

Tgt Ion:	93	Resp:	228769
Ion Ratio		Lower	Upper
93	100		
66	108.6	62.1	93.1#
65	71.9	38.7	58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF113753.D (-719) (-)





#7

Phenol-d6

Concen: 115.522 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

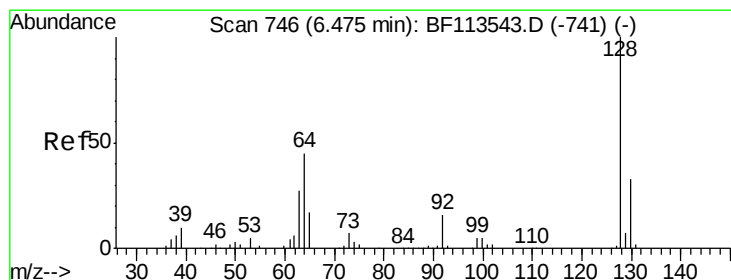
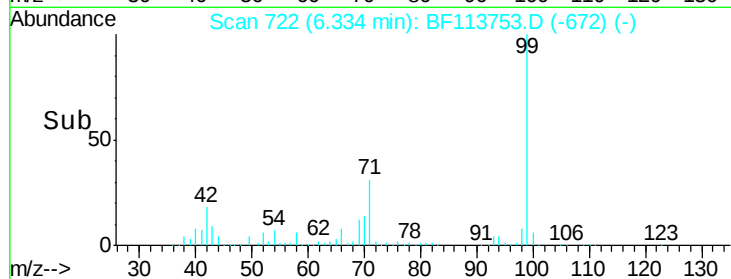
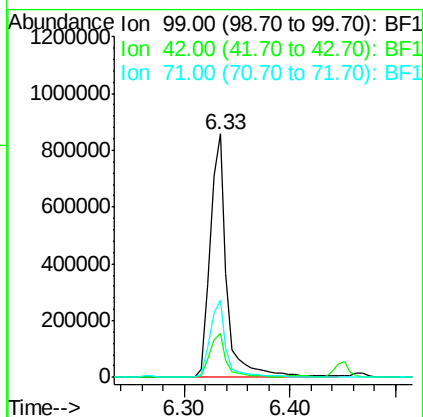
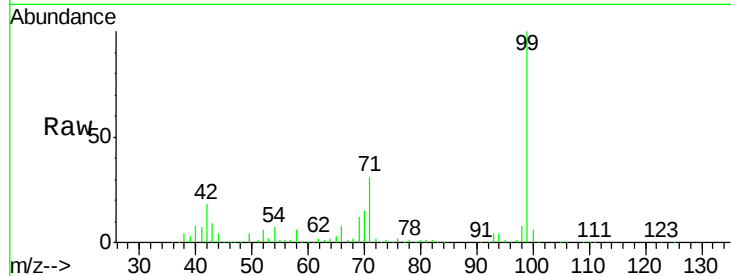
ClientSampleId :

P-1(0-10)MS

Tgt Ion:	99	Resp:	948221
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.8	22.2
71	31.5	24.9	37.3

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#8

2-Chlorophenol

Concen: 36.274 ng

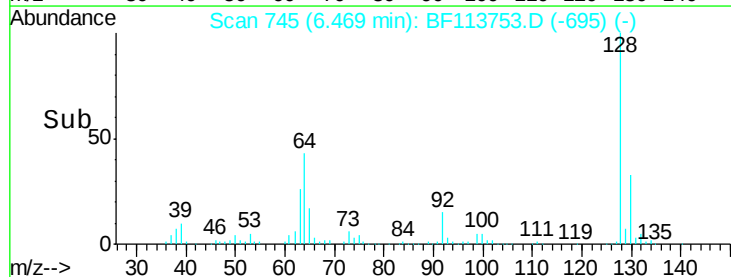
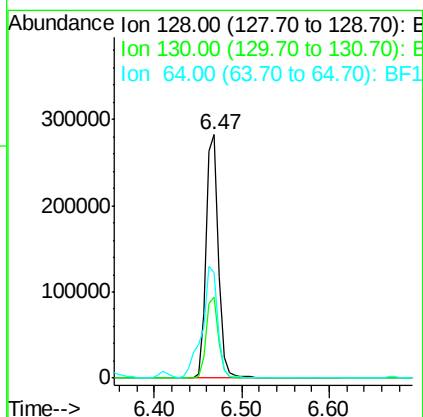
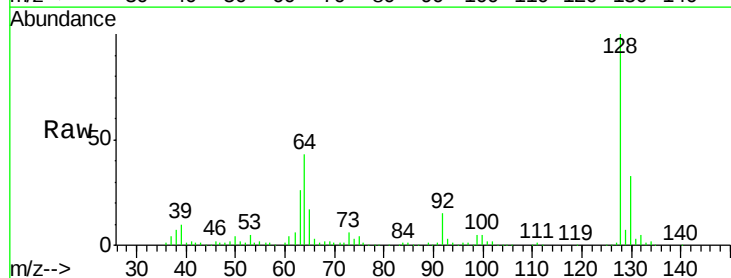
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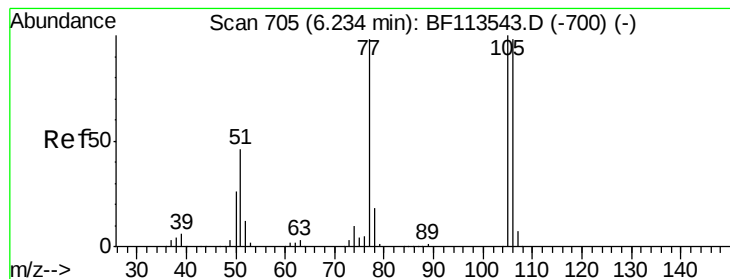
Delta R.T. -0.01 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion:	128	Resp:	279496
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.6	52.6
64	43.3	29.4	69.4





#9

Benzaldehyde

Concen: 22.280 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

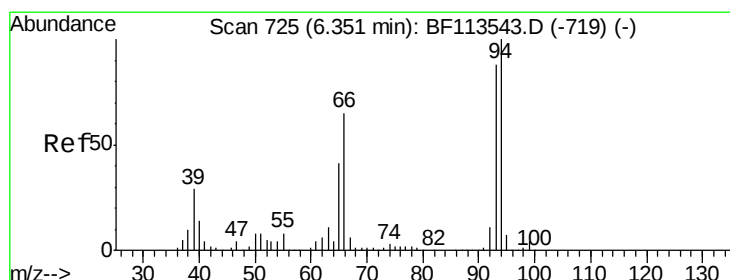
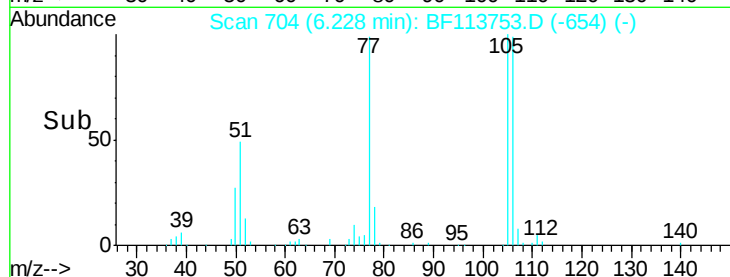
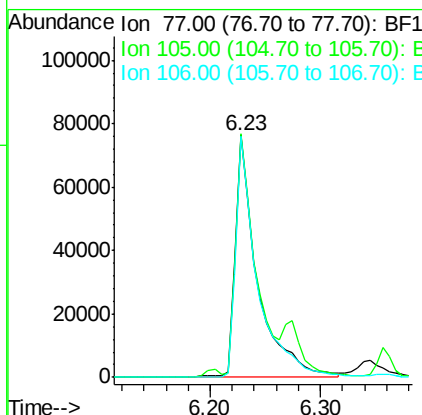
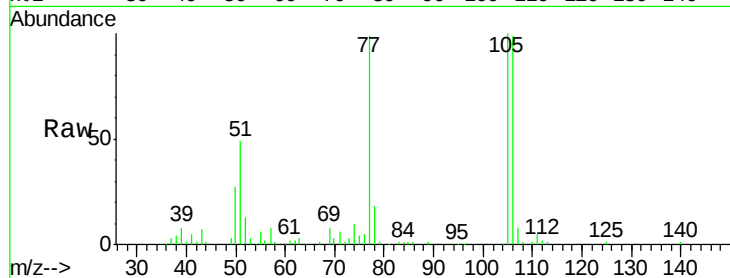
ClientSampled :

P-1(0-10)MS

Tgt Ion:	77	Resp:	108740
Ion Ratio	Lower	Upper	
77	100		
105	100.6	80.9	120.9
106	99.8	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 36.992 ng

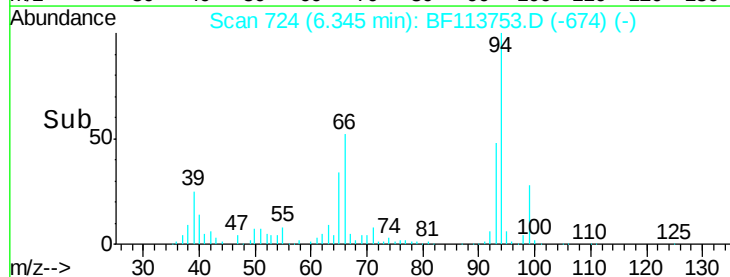
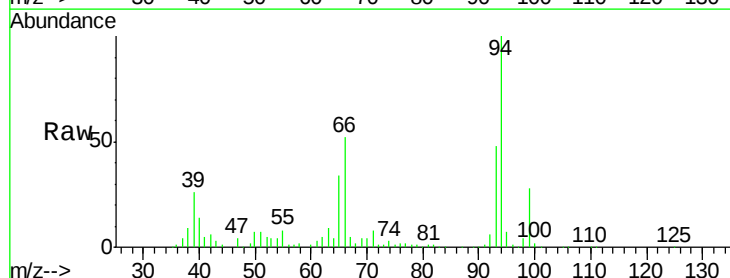
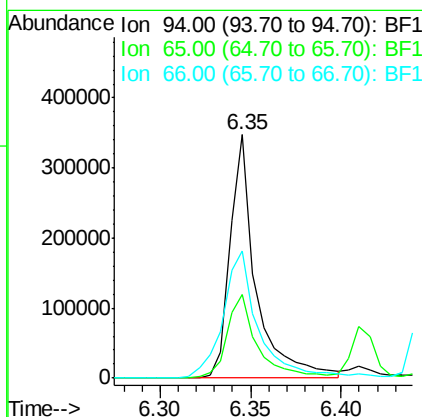
RT: 6.35 min Scan# 724

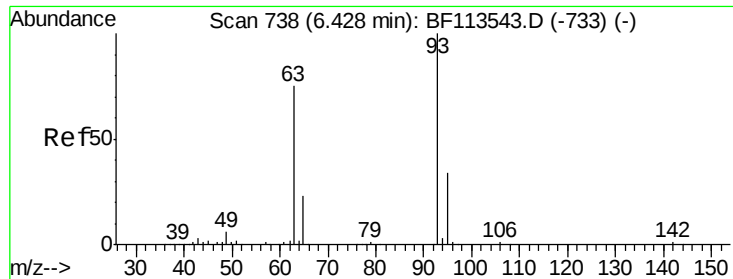
Delta R.T. -0.01 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion:	94	Resp:	346786
Ion Ratio	Lower	Upper	
94	100		
65	34.4	21.4	61.4
66	52.0	46.4	86.4





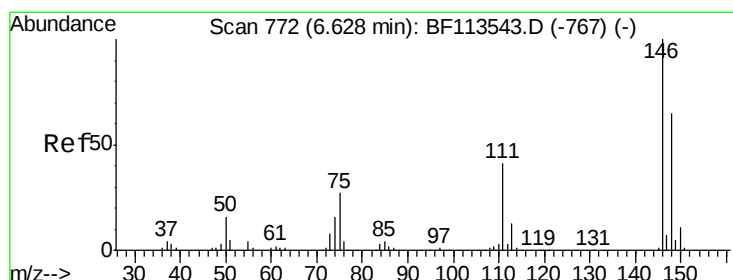
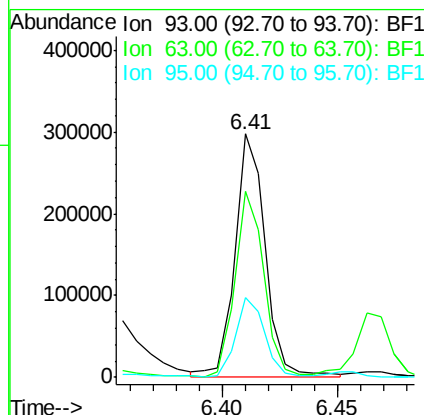
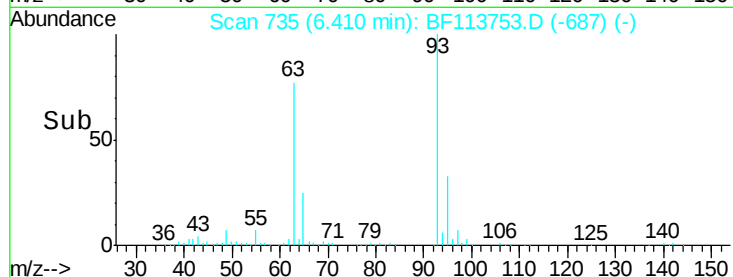
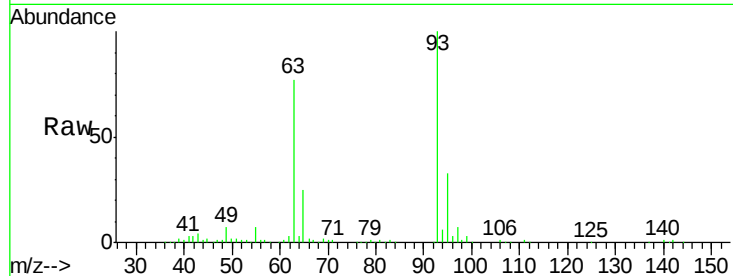
#11
bis(2-Chloroethyl)ether
Concen: 37.233 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion:	93	Resp:	271511
Ion Ratio	Lower	Upper	
93	100		
63	76.6	56.1	96.1
95	32.9	12.8	52.8

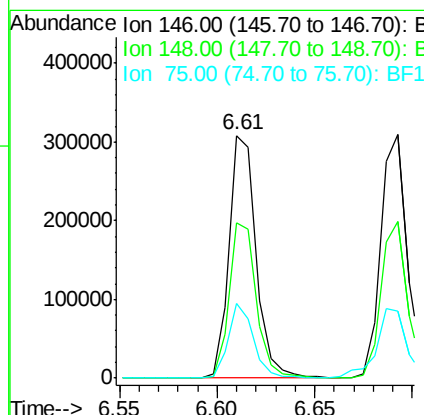
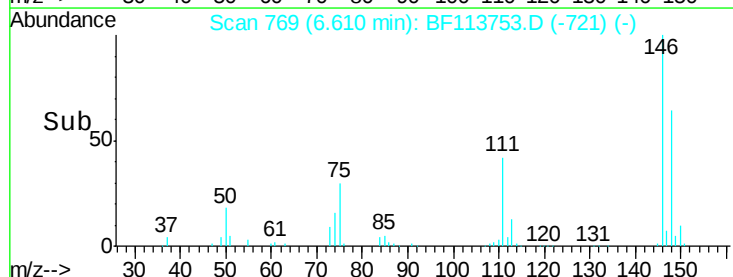
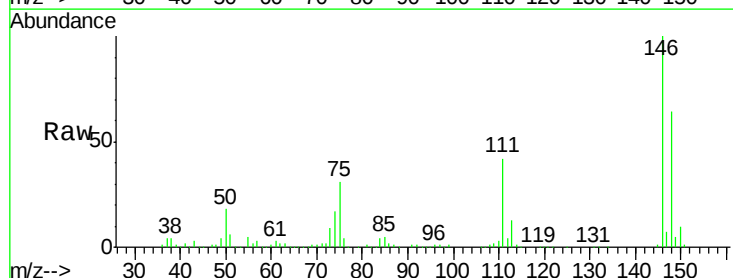
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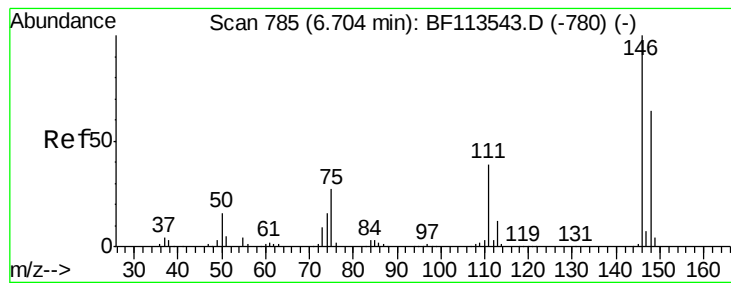
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#12
1,3-Dichlorobenzene
Concen: 35.755 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion:	146	Resp:	296684
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.4	77.0
75	30.6	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 36.364 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

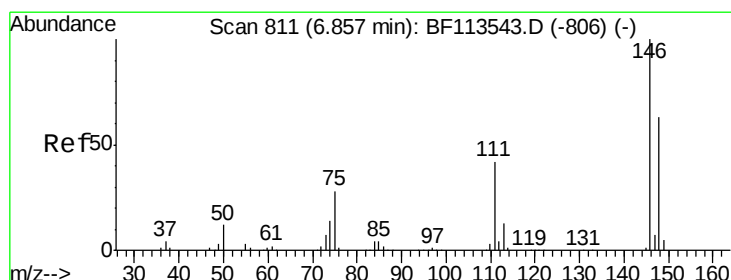
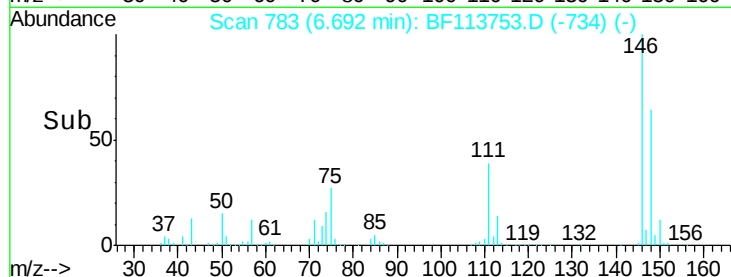
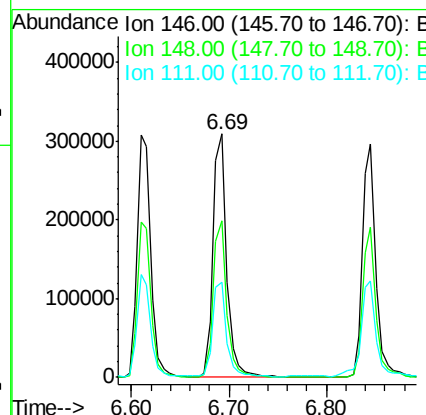
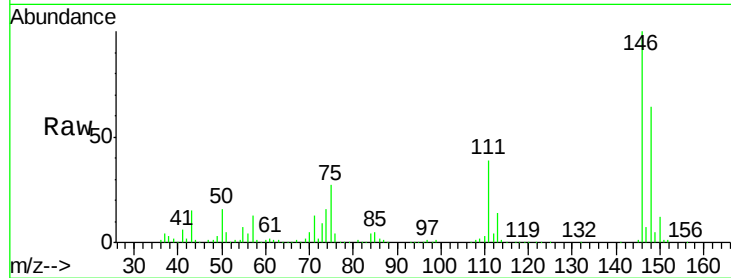
ClientSampleId :

P-1(0-10)MS

Tgt Ion:	146	Resp:	304920
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.1	76.7
111	39.2	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 37.313 ng

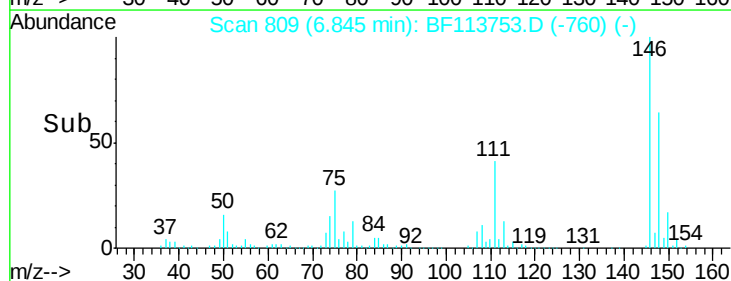
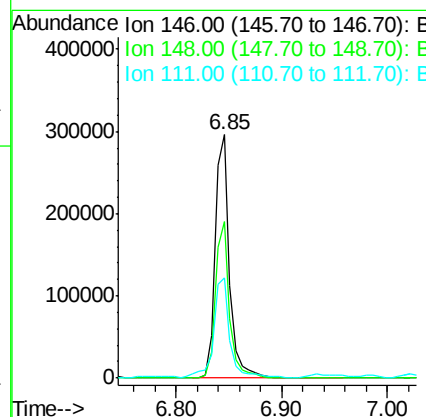
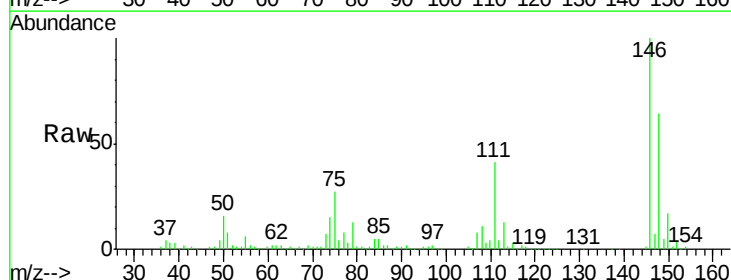
RT: 6.85 min Scan# 809

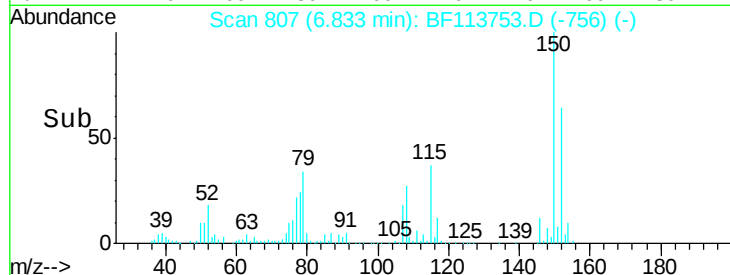
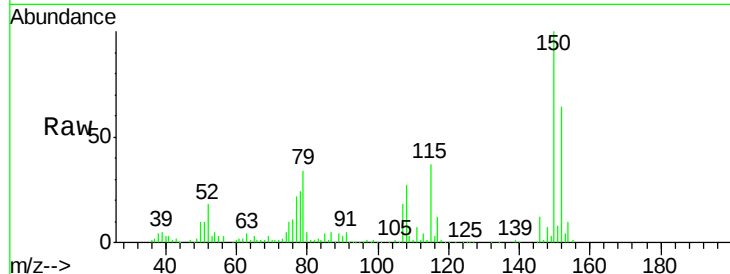
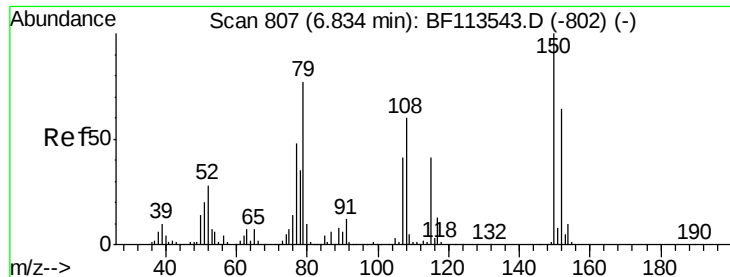
Delta R.T. -0.01 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion:	146	Resp:	282419
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.2	75.4
111	41.4	35.4	53.2





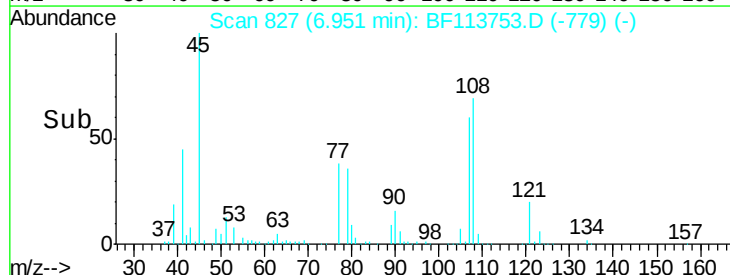
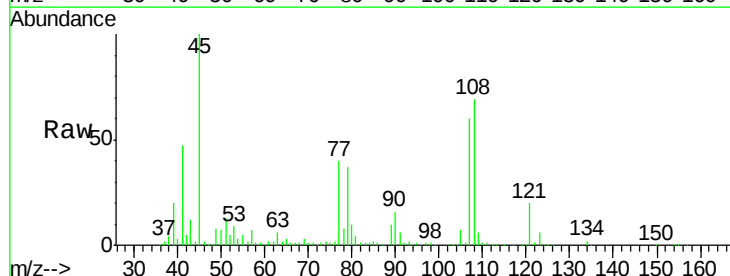
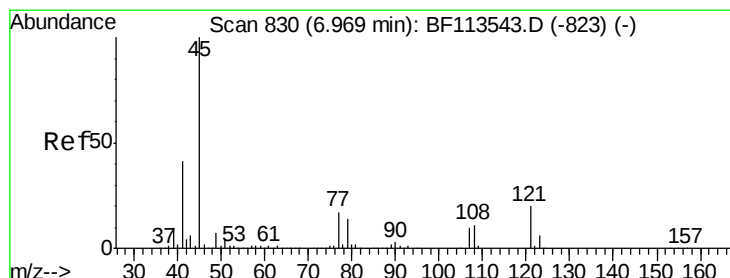
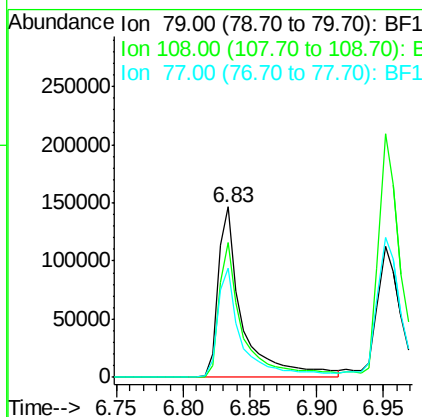
#15
Benzyl Alcohol
Concen: 33.863 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	187938		
108	79.2	62.0	93.0	
77	64.4	49.9	74.9	

Instrument :
BNA_F
ClientSampled :
P-1(0-10)MS

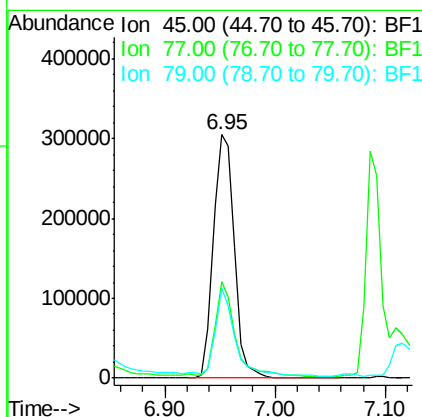
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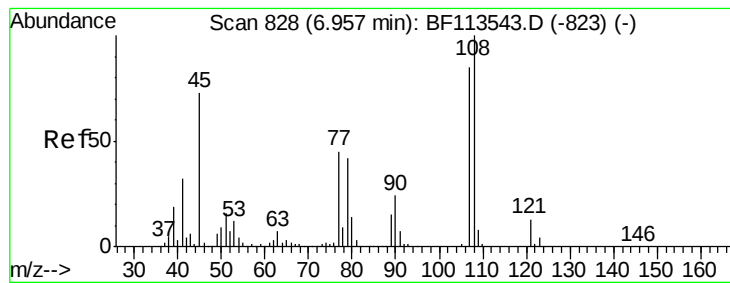
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.927 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	396447		
77	39.6	0.0	36.6#	
79	36.8	0.0	34.0#	





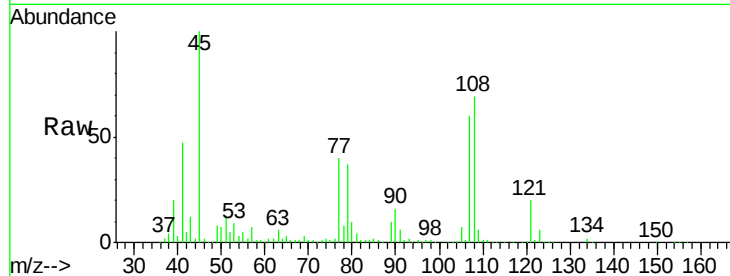
#17
2-Methylphenol
Concen: 36.580 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	218430		
108	114.5	93.4	140.0	
77	66.0	41.2	61.8#	
79	61.4	40.1	60.1#	

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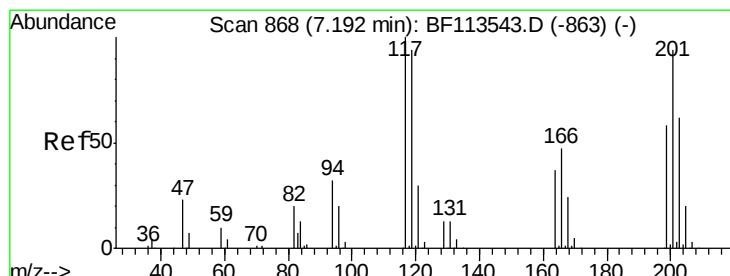
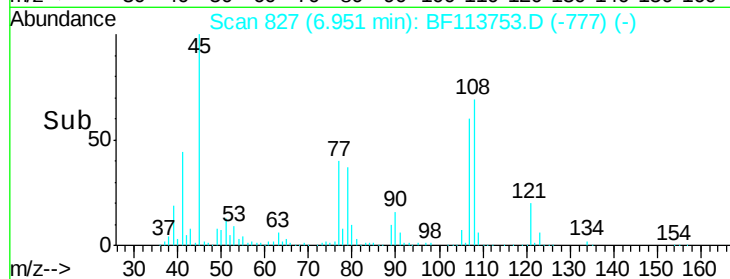
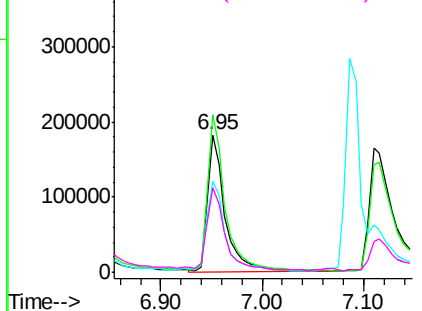
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.358 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

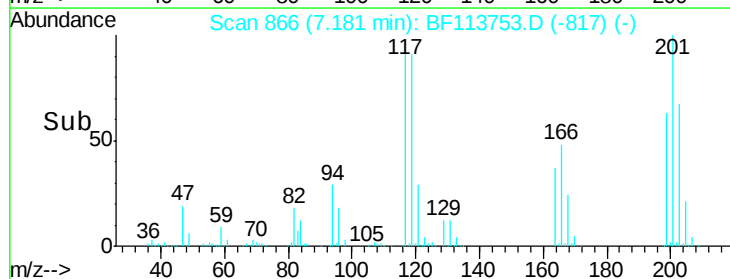
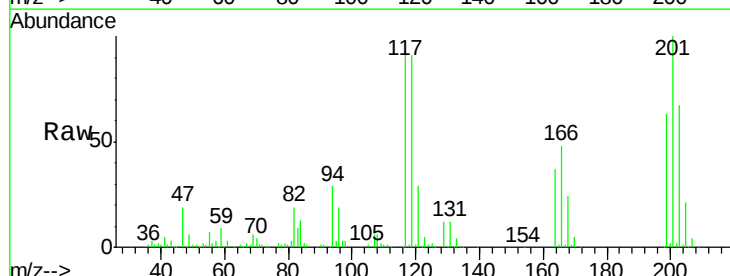
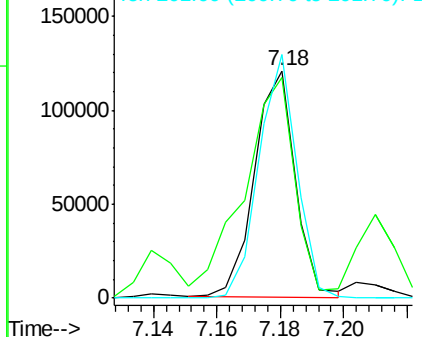
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	107917		
119	97.1	76.9	115.3	
201	107.2	78.7	118.1	

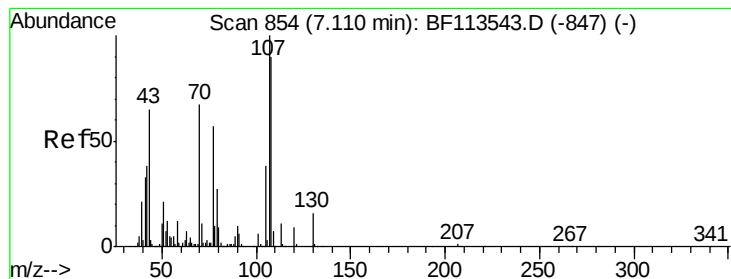
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.088 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

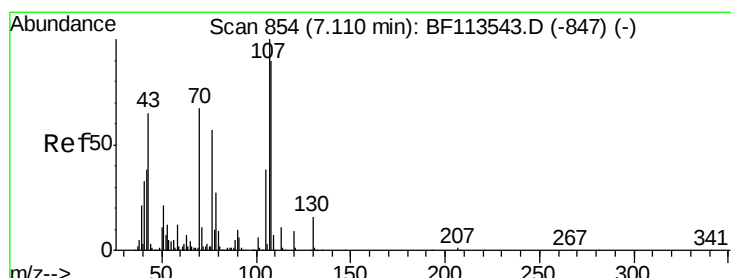
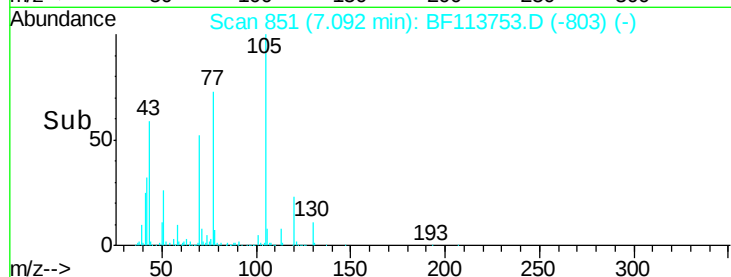
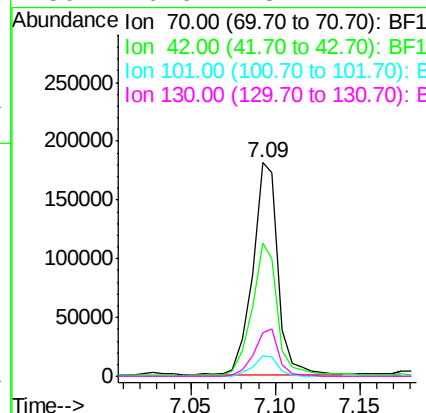
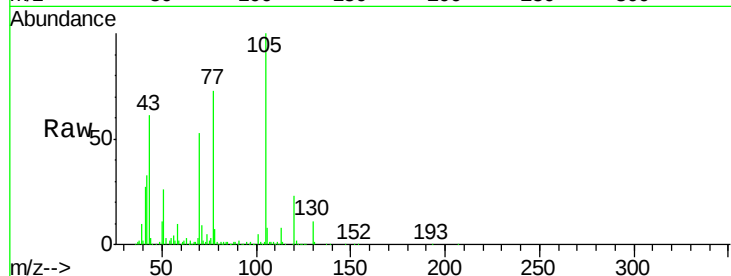
ClientSampleId :

P-1(0-10)MS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.2	48.4	72.6	
101	9.7	7.8	11.8	
130	20.6	18.2	27.4	

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#20

3+4-Methylphenols

Concen: 39.849 ng

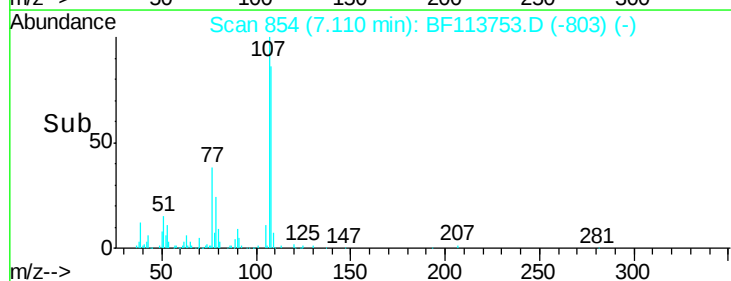
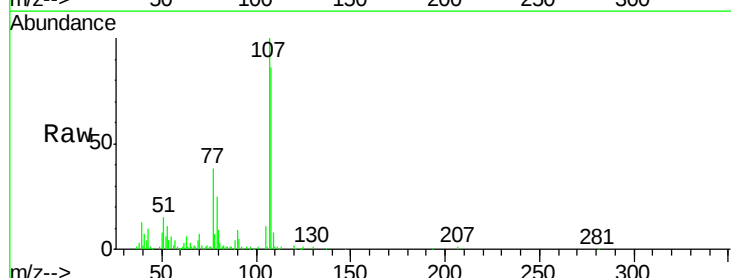
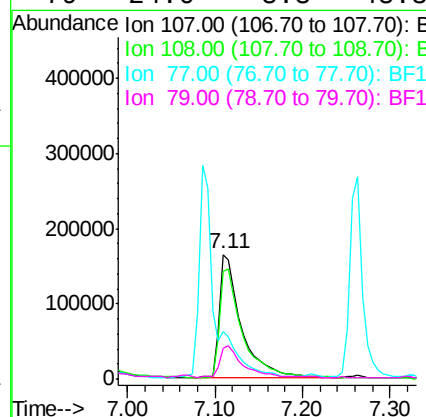
RT: 7.11 min Scan# 854

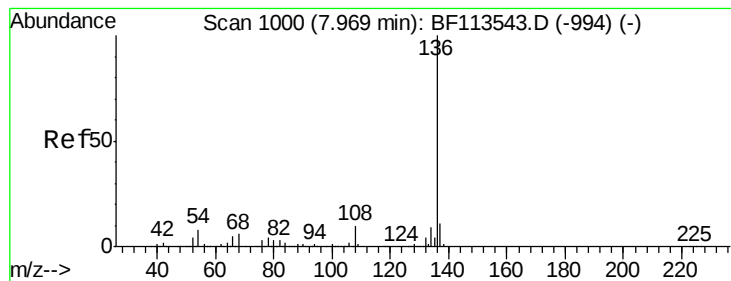
Delta R.T. -0.00 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.8	71.4	111.4	
77	38.3	33.5	73.5	
79	24.6	8.3	48.3	





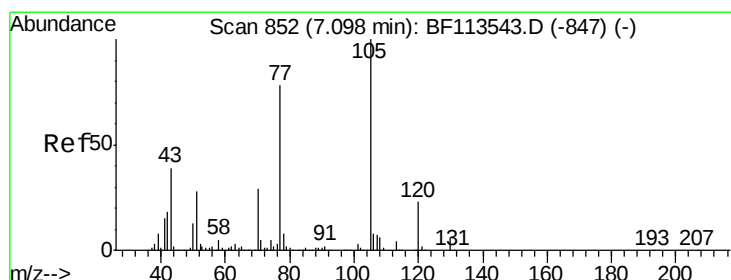
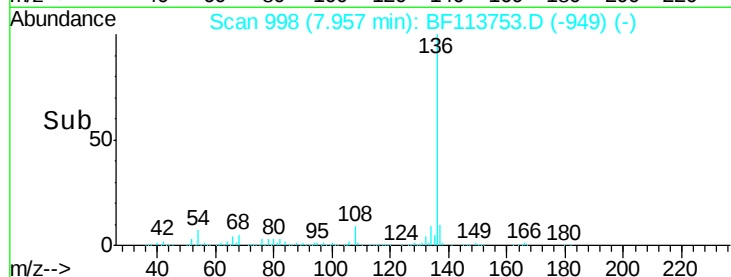
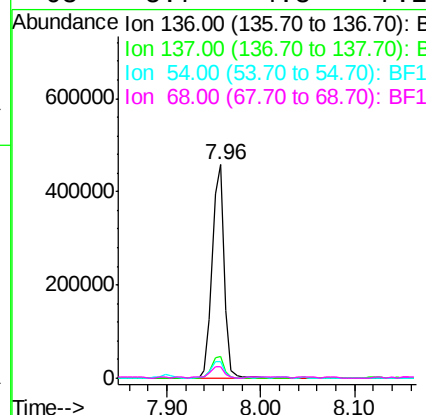
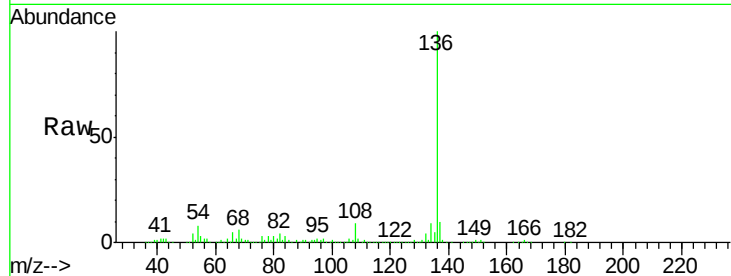
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	417523		
137	10.4	8.9	13.3	
54	7.7	7.0	10.6	
68	5.7	4.8	7.2	

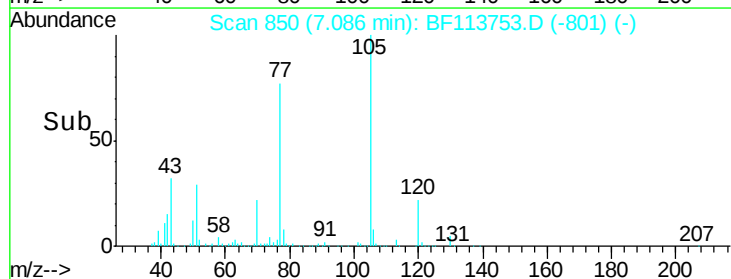
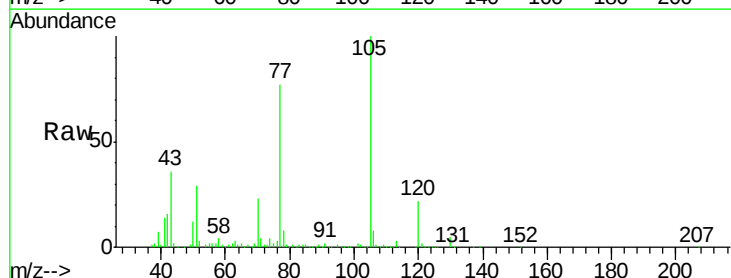
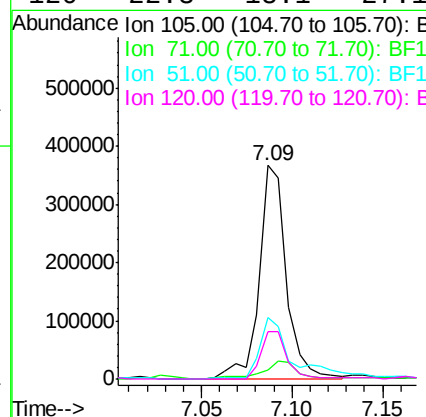
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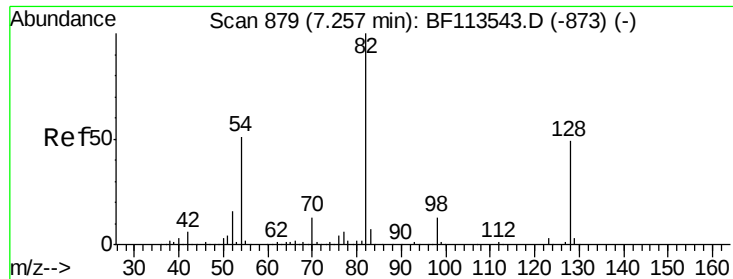
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#22
Acetophenone
Concen: 41.916 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	384381		
71	4.4	3.3	4.9	
51	28.6	24.2	36.2	
120	22.3	18.1	27.1	





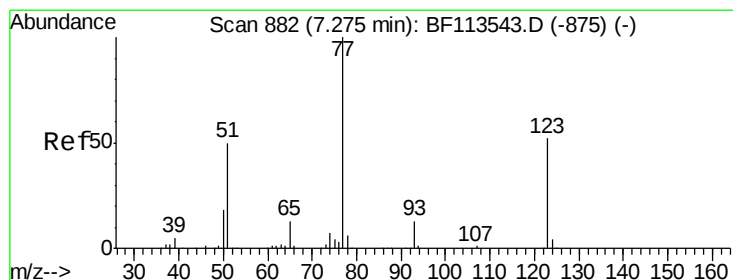
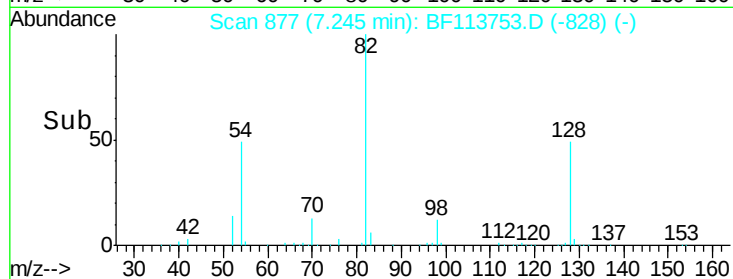
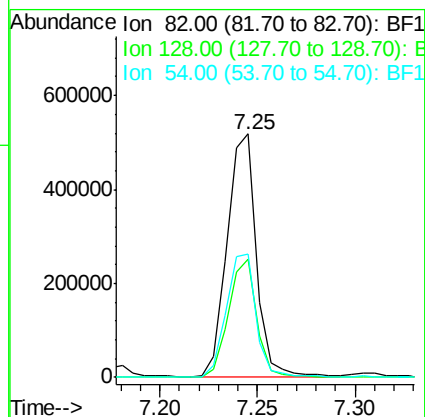
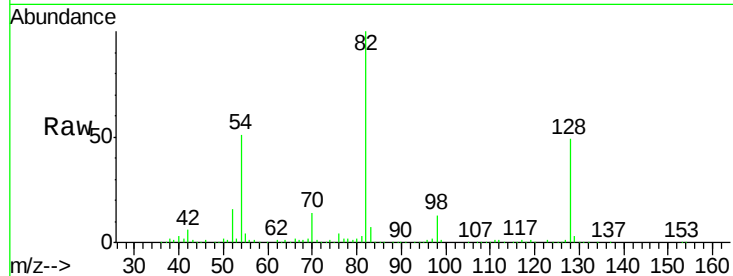
#23
 Nitrobenzene-d5
 Concen: 74.963 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 P-1(0-10)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.5	54.7
54	50.6	42.2	63.2

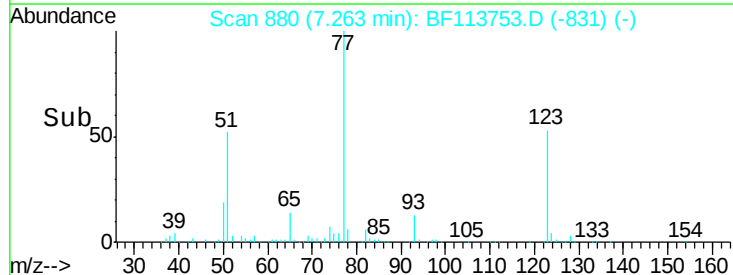
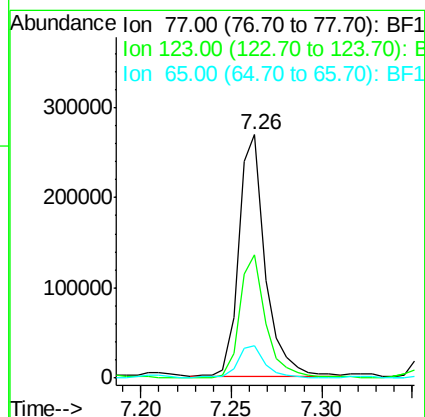
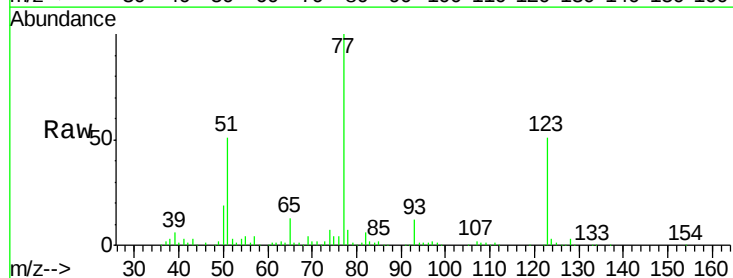
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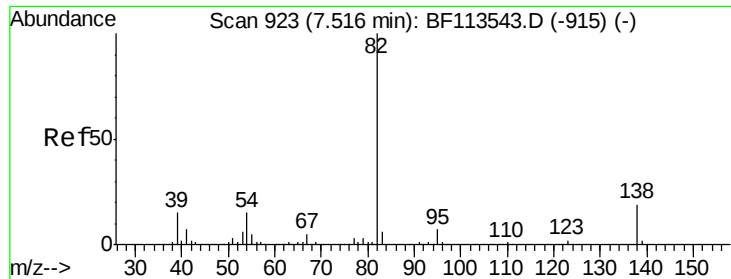
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#24
 Nitrobenzene
 Concen: 36.885 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	40.8	61.2
65	13.3	10.6	16.0





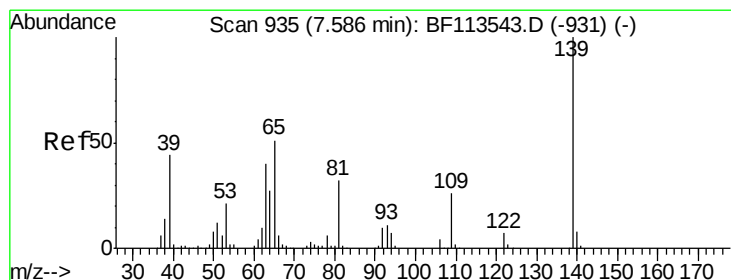
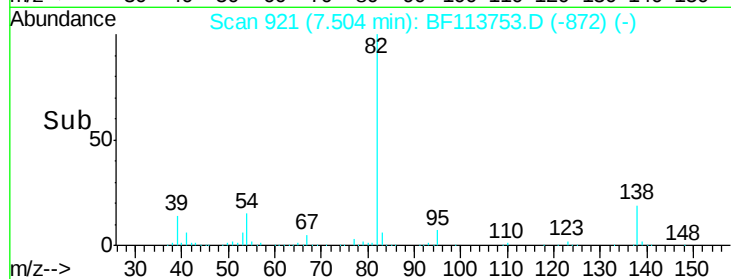
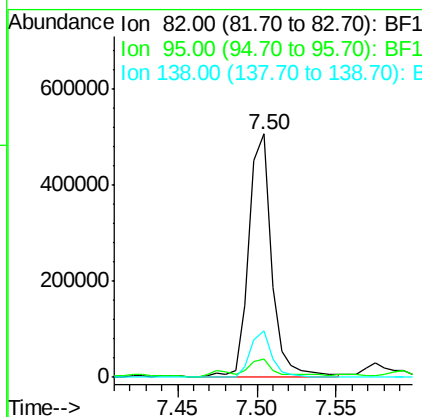
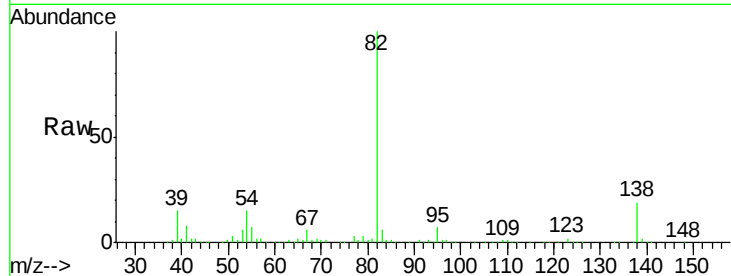
#25
Isophorone
Concen: 36.692 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	503821		
95	7.3	5.5	8.3	
138	19.2	15.2	22.8	

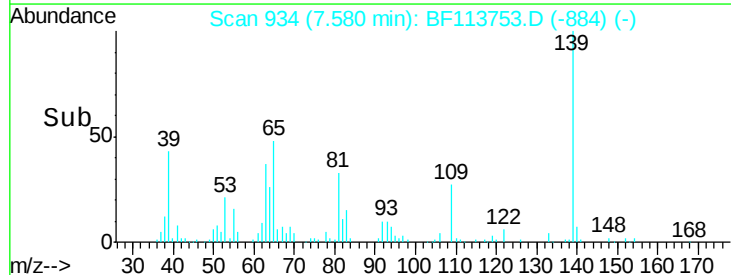
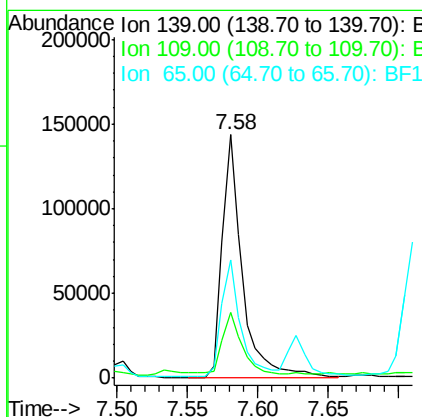
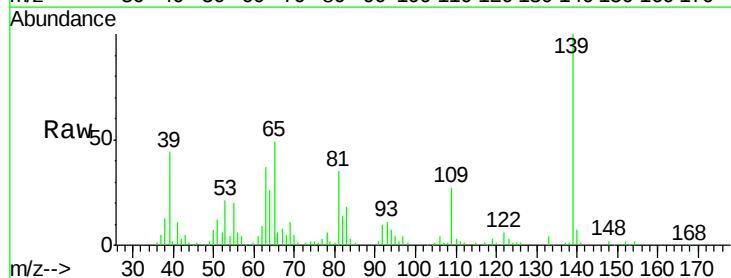
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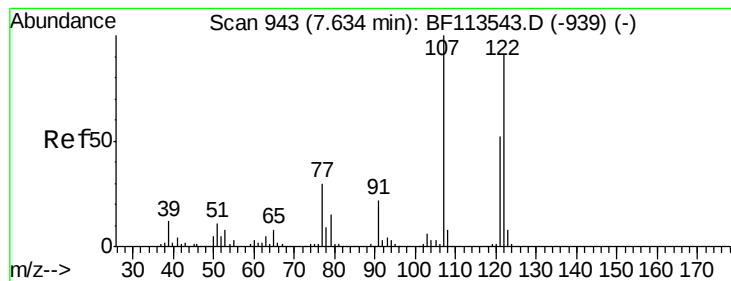
Sohil
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#26
2-Nitrophenol
Concen: 36.651 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	144799		
109	27.2	21.7	32.5	
65	48.6	41.6	62.4	





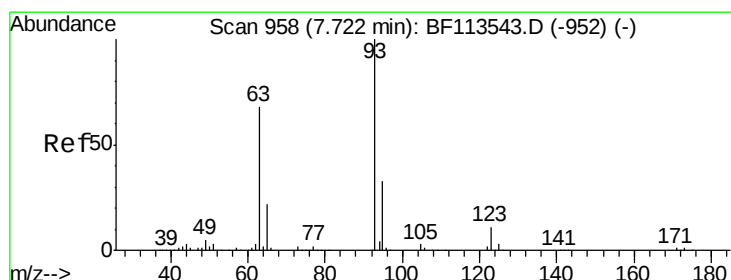
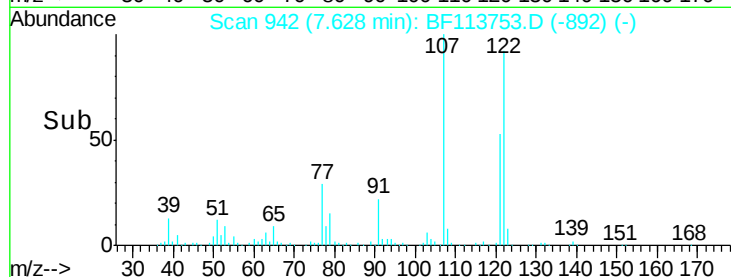
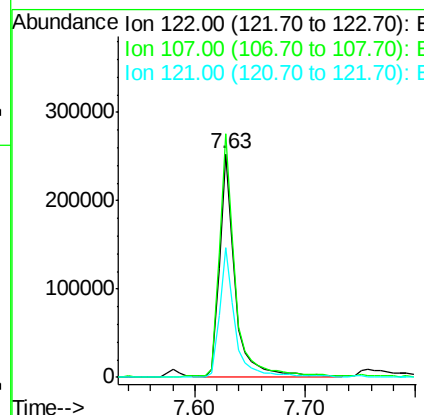
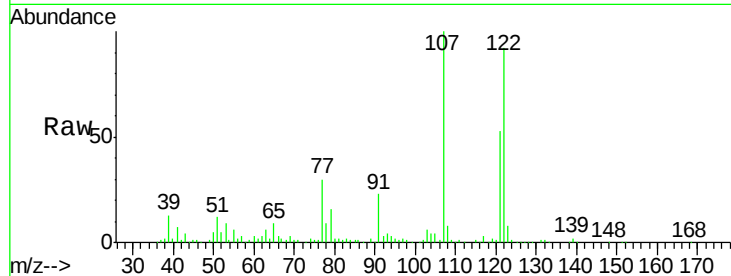
#27
 2,4-Dimethylphenol
 Concen: 43.330 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	244732		
107	109.0	88.8	133.2	
121	57.9	45.5	68.3	

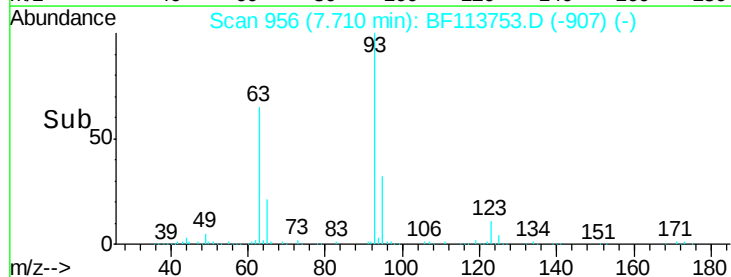
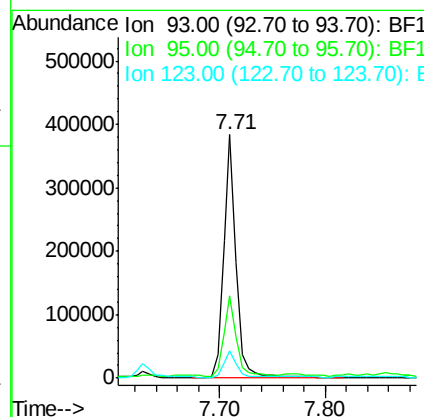
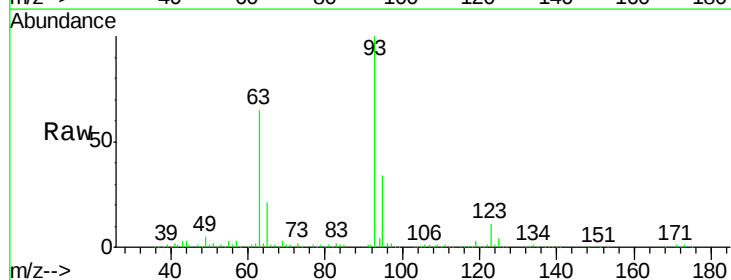
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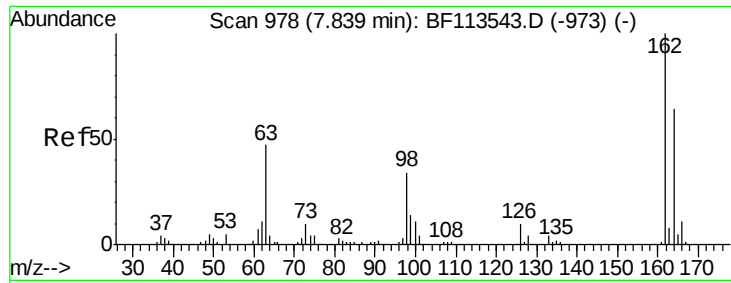
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.788 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	319365		
95	33.8	26.0	39.0	
123	11.2	9.1	13.7	





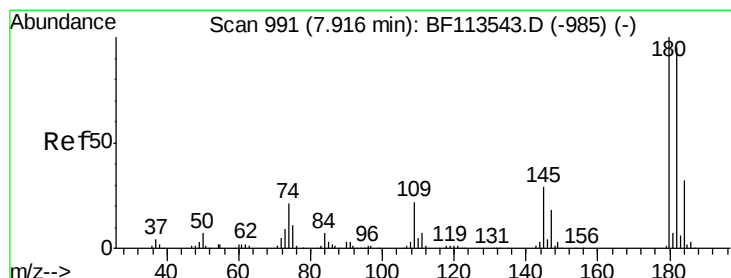
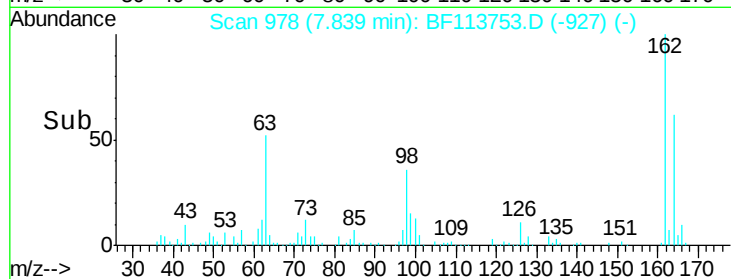
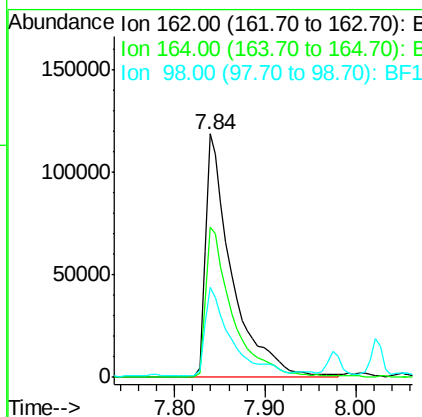
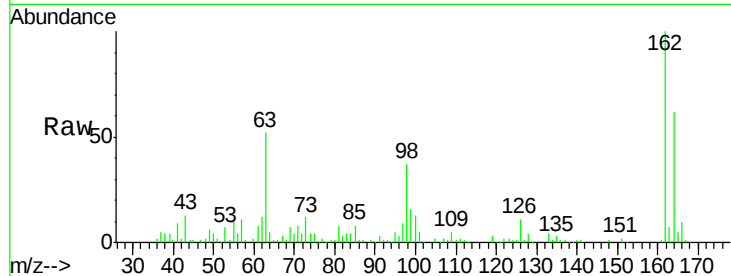
#29
2,4-Dichlorophenol
Concen: 40.100 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion:	162	Resp:	242326
Ion Ratio	Lower	Upper	
162	100		
164	61.9	44.6	84.6
98	36.7	15.6	55.6

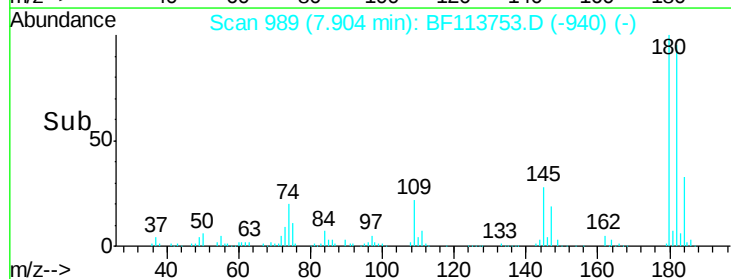
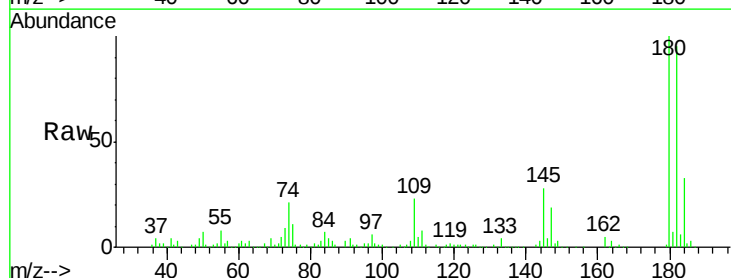
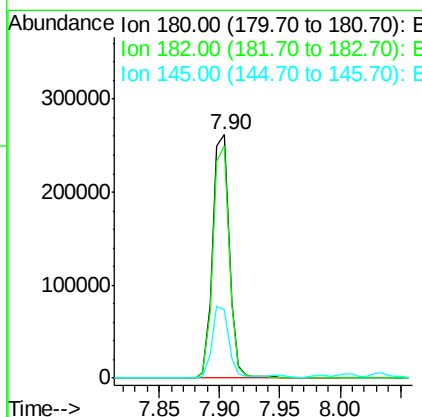
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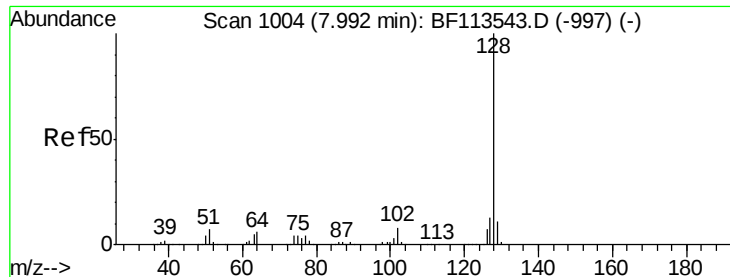
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#30
1,2,4-Trichlorobenzene
Concen: 37.969 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion:	180	Resp:	249171
Ion Ratio	Lower	Upper	
180	100		
182	95.4	74.6	111.8
145	27.9	23.4	35.0





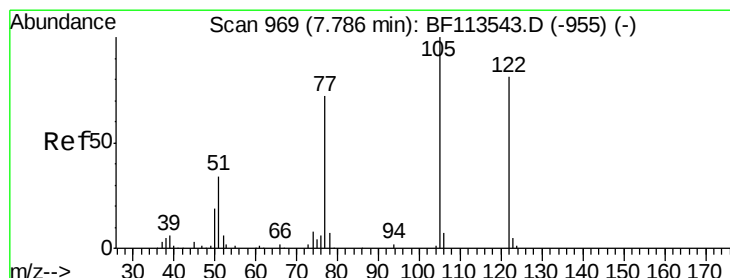
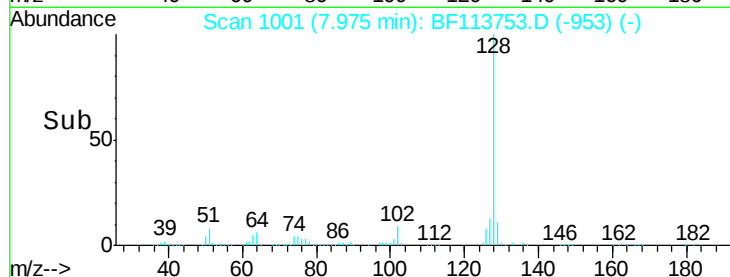
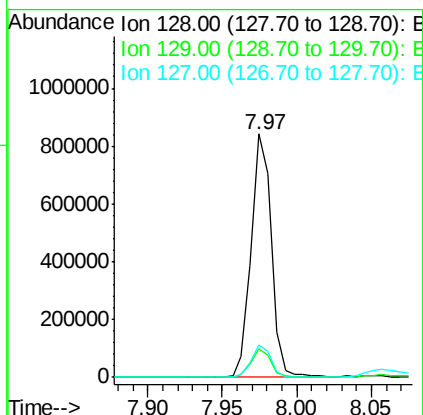
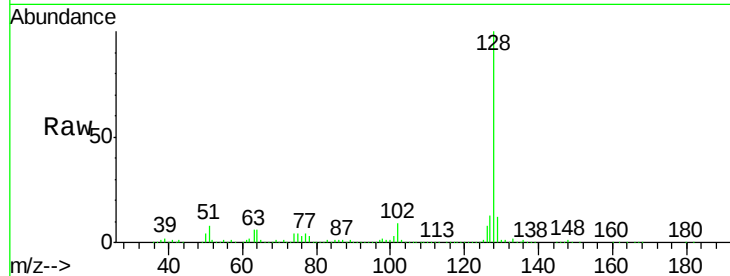
#31
Naphthalene
Concen: 38.848 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	785890		
129	11.6	9.3	13.9	
127	13.5	10.9	16.3	

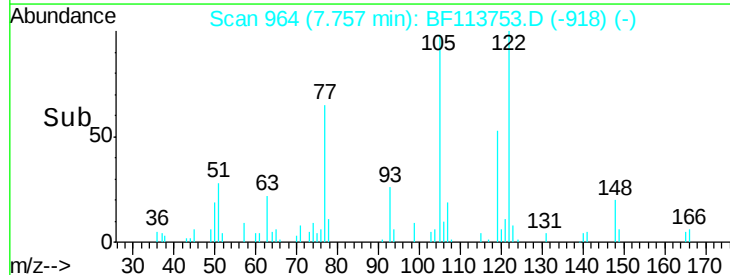
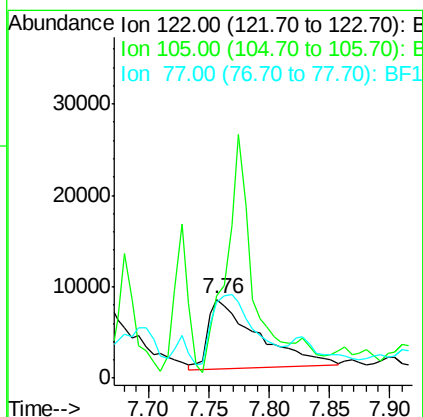
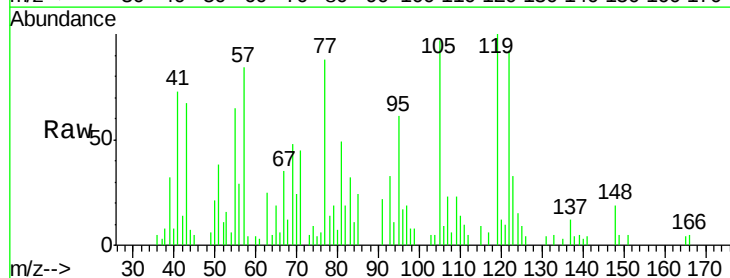
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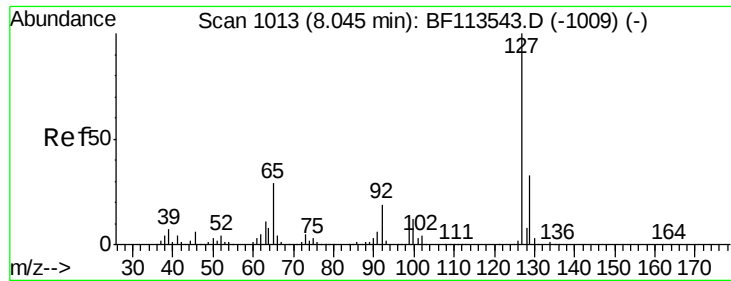
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#32
Benzoic acid
Concen: 4.940 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	21607		
105	104.8	100.4	140.4	
77	95.7	69.0	109.0	





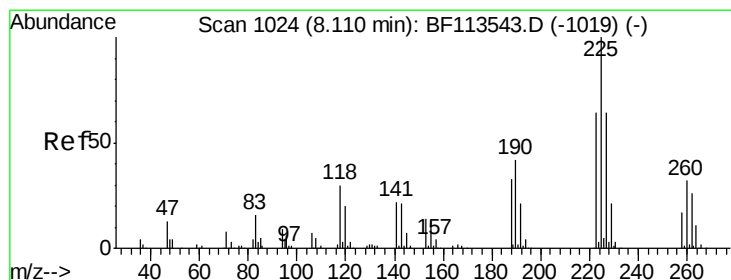
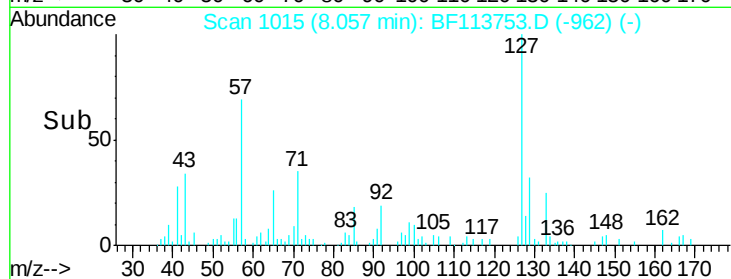
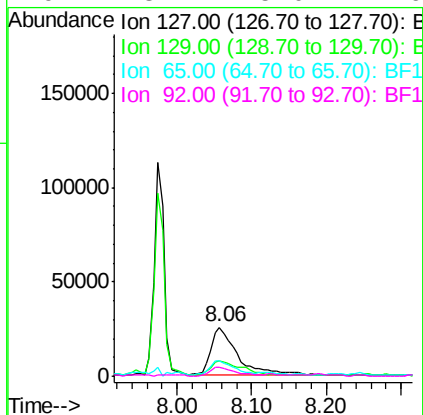
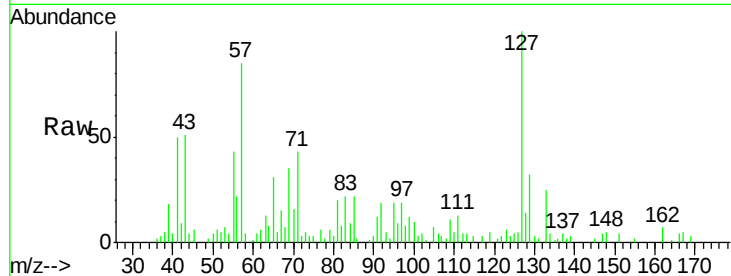
#33
4-Chloroaniline
Concen: 7.995 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	64131		
129	32.4	26.3	39.5	
65	31.1	24.2	36.4	
92	18.7	15.0	22.6	

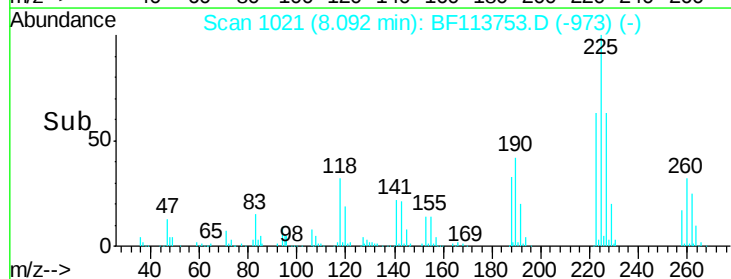
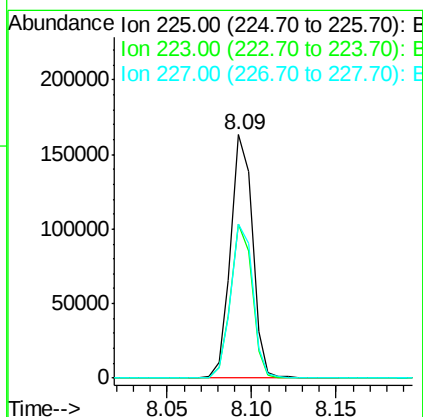
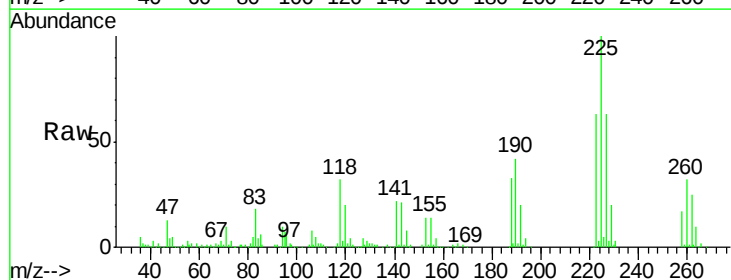
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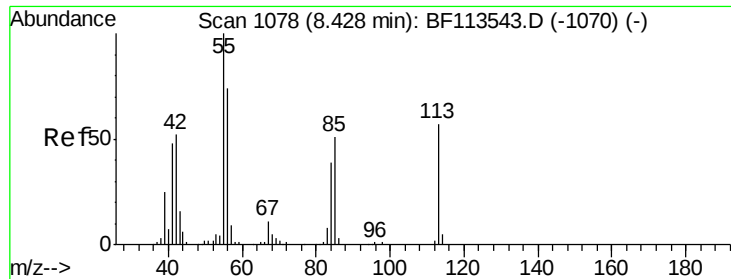
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#34
Hexachlorobutadiene
Concen: 36.854 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	147453		
223	63.0	51.4	77.2	
227	63.3	51.1	76.7	





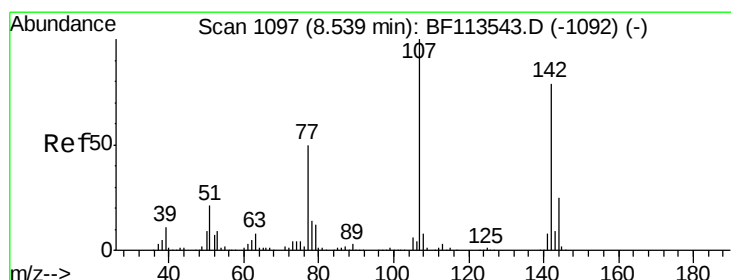
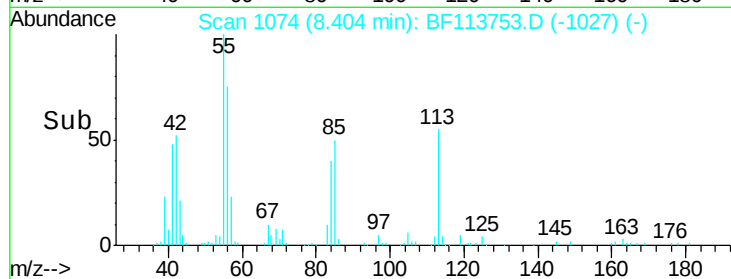
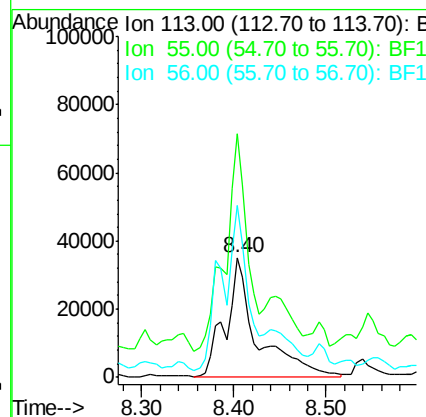
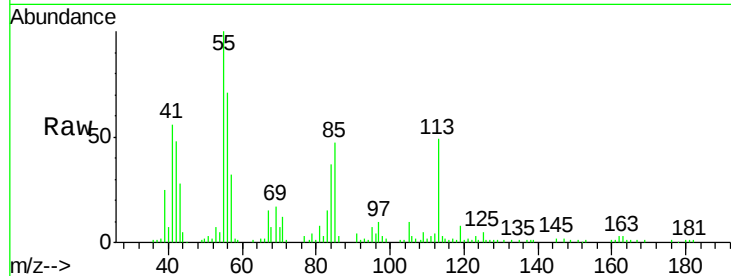
#35
 Caprolactam
 Concen: 44.398 ng m
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.02 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 P-1(0-10)MS

Tgt Ion:113 Resp: 85168
 Ion Ratio Lower Upper
 113 100
 55 203.2 152.7 192.7#
 56 143.4 108.3 148.3

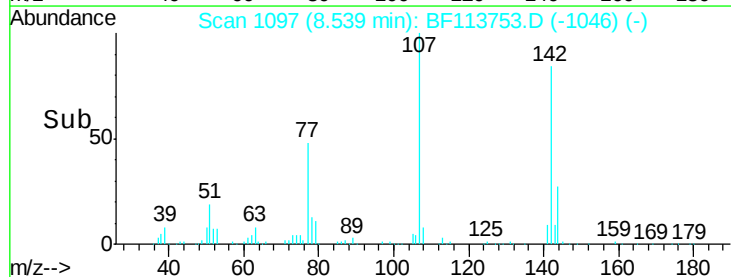
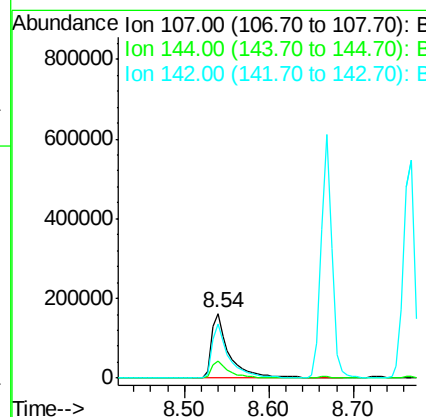
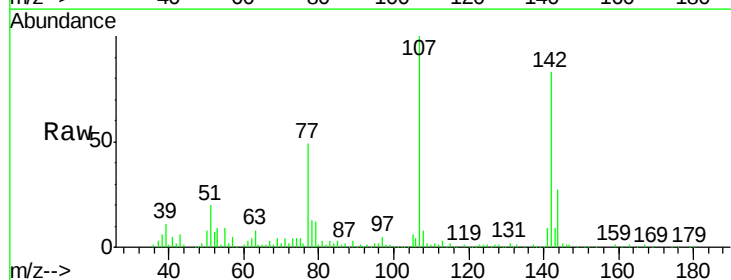
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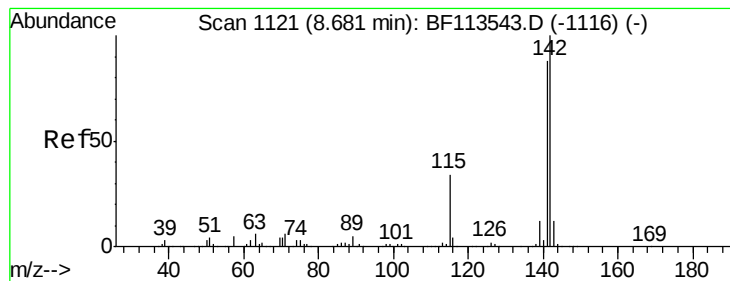
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#36
 4-Chloro-3-methylphenol
 Concen: 38.142 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Tgt Ion:107 Resp: 231381
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.4 32.0
 142 83.4 65.6 98.4





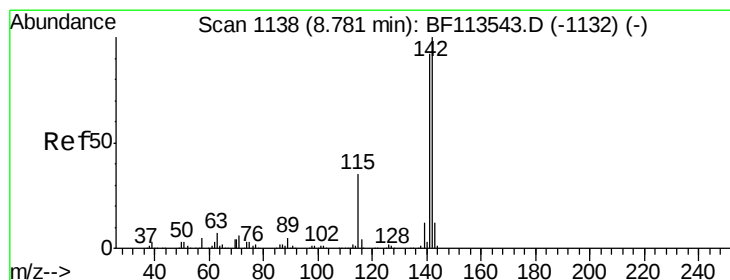
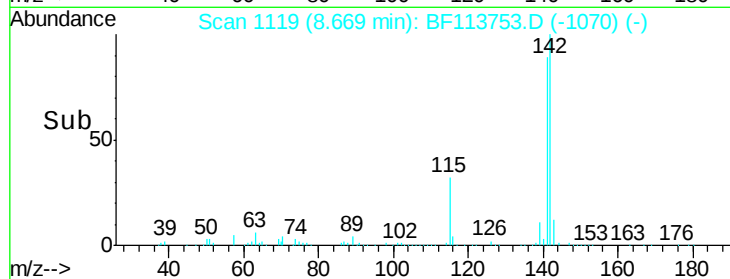
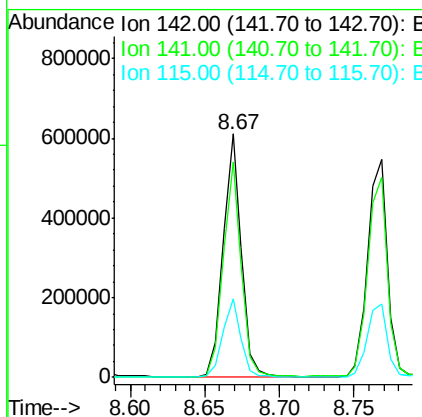
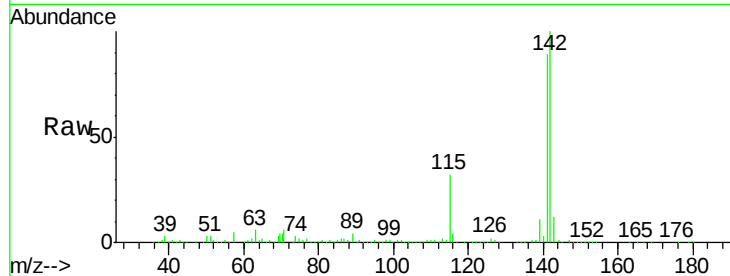
#37
2-Methylnaphthalene
Concen: 39.745 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	528819		
141	88.7	71.0	106.6	
115	32.2	26.6	39.8	

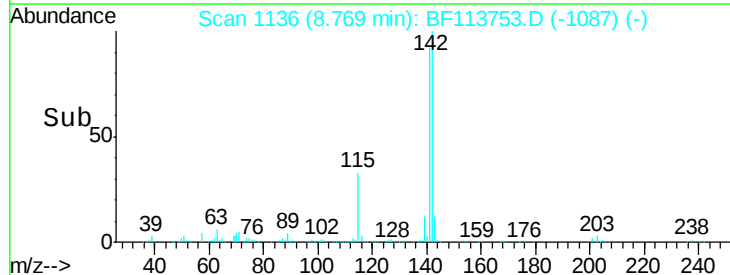
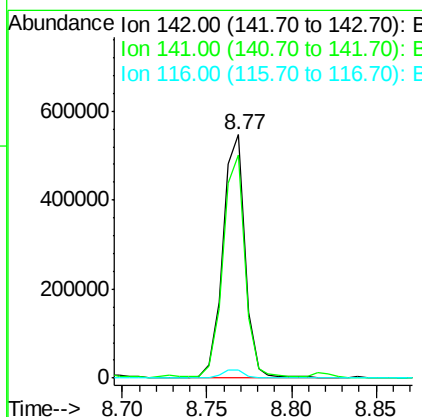
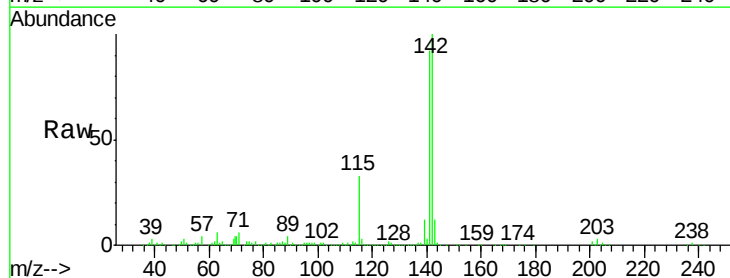
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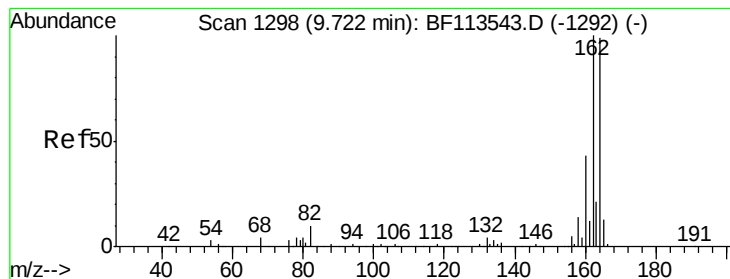
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#38
1-Methylnaphthalene
Concen: 38.819 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	498039		
141	91.8	73.2	109.8	
116	3.5	3.0	4.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

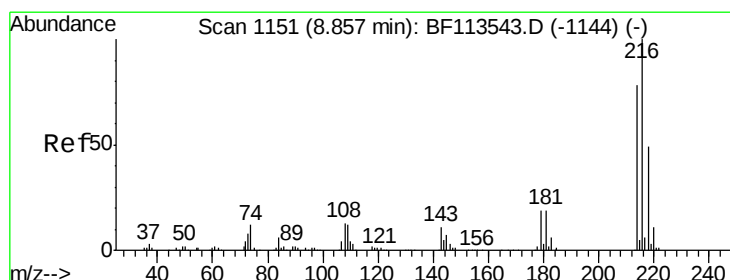
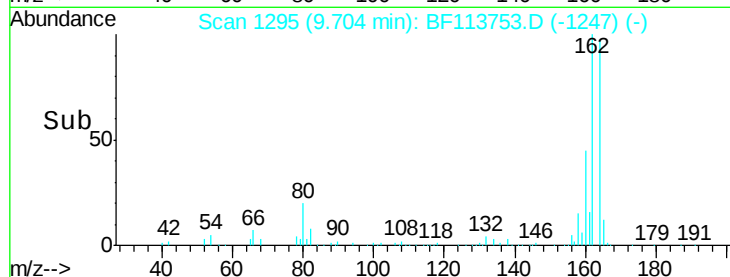
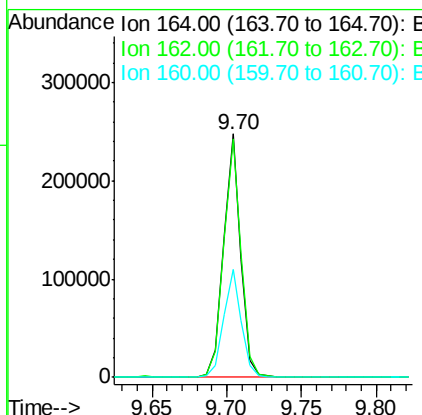
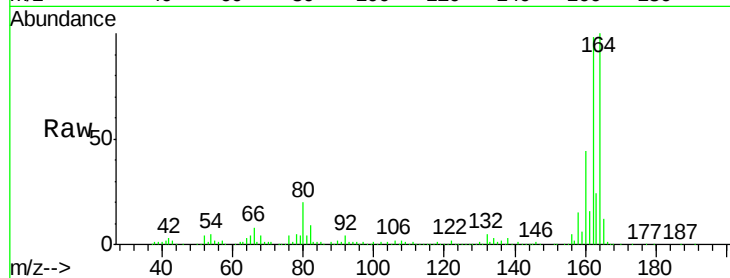
ClientSampleId :

P-1(0-10)MS

Tgt Ion:	164	Resp:	200419
Ion Ratio	Lower	Upper	
164	100		
162	97.8	81.8	122.6
160	44.2	36.4	54.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.073 ng

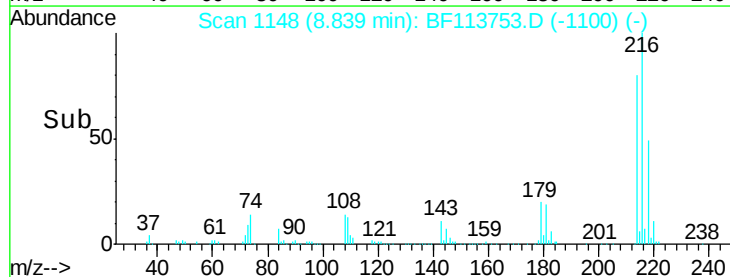
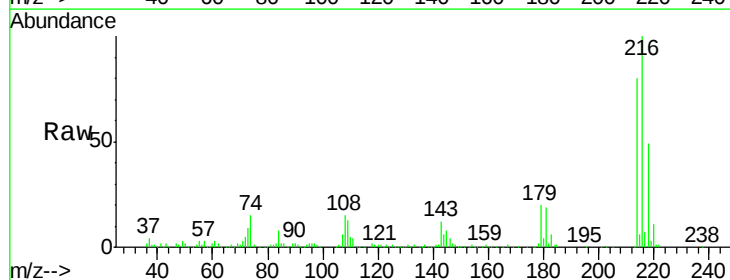
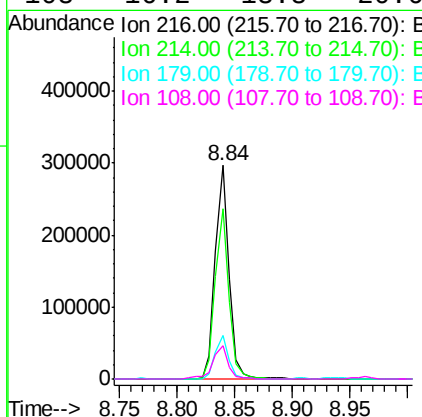
RT: 8.84 min Scan# 1148

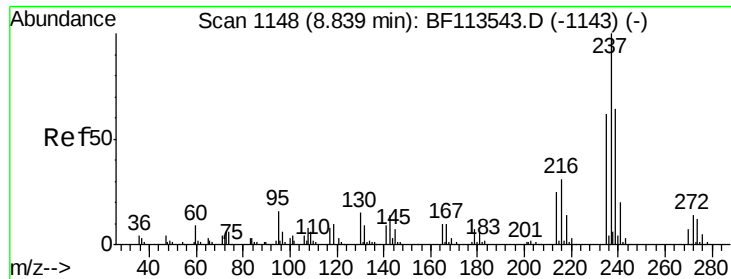
Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion:	216	Resp:	246779
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.6
179	20.7	16.8	25.2
108	16.2	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 42.194 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

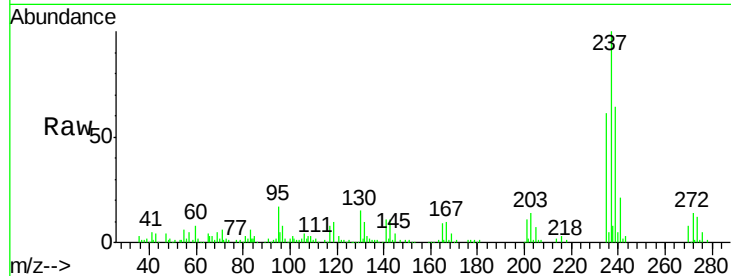
ClientSampled :

P-1(0-10)MS

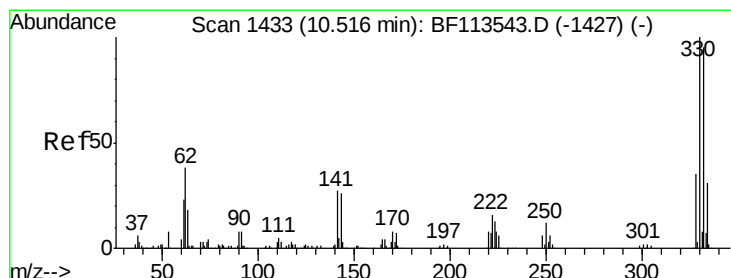
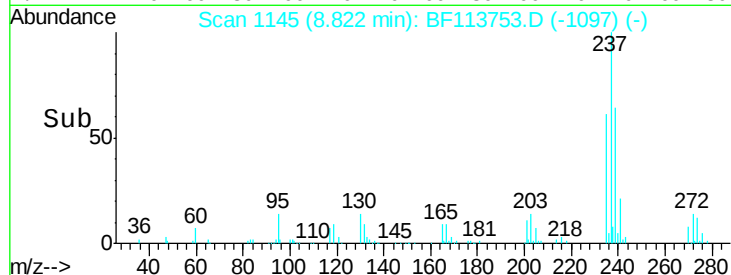
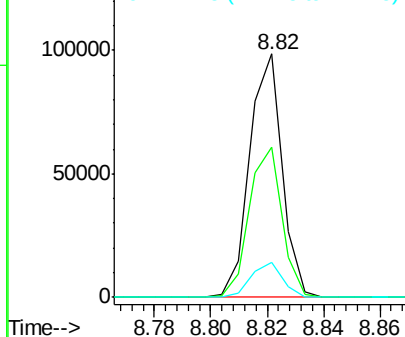
Tgt Ion:	237	Resp:	78484
Ion Ratio	Lower	Upper	
237	100		
235	61.5	43.4	83.4
272	14.3	0.0	33.7

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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: 106.601 ng

RT: 10.50 min Scan# 1430

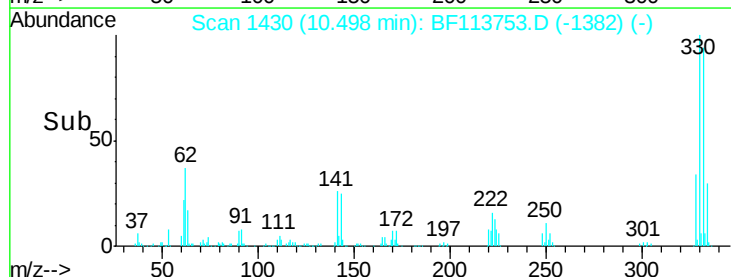
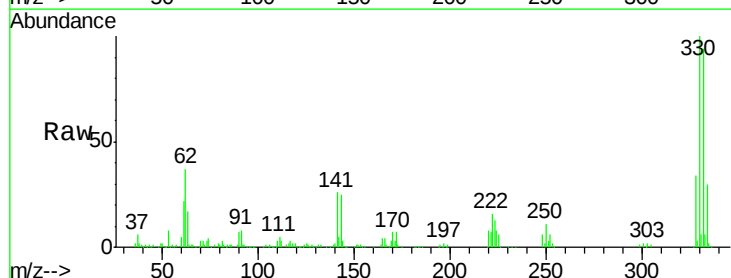
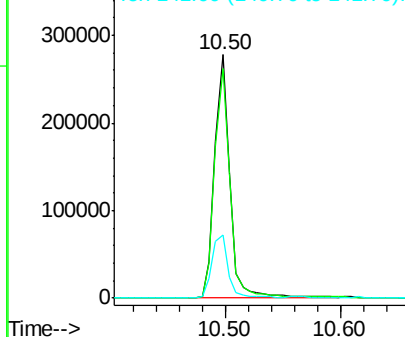
Delta R.T. -0.02 min

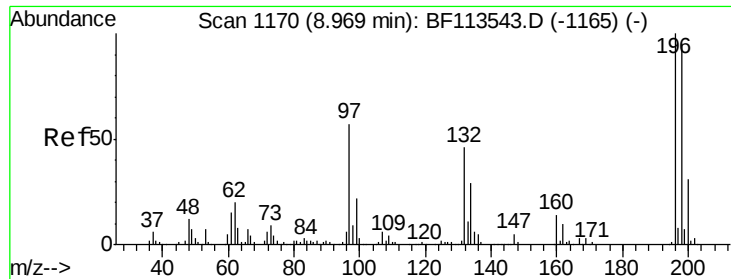
Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion:	330	Resp:	256644
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.8	116.6
141	28.2	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





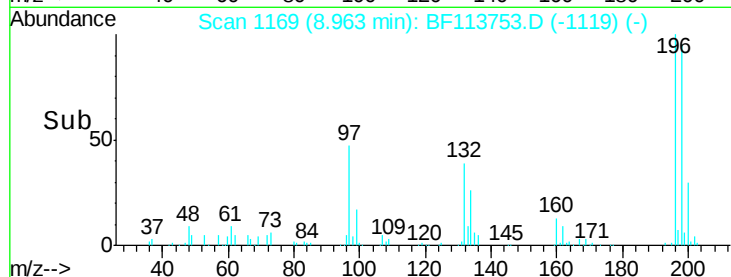
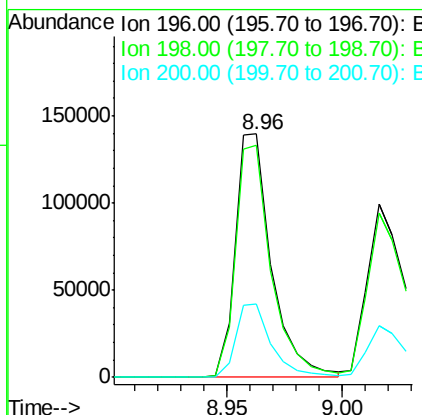
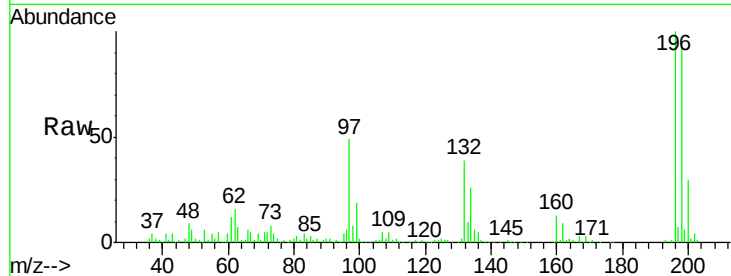
#43
 2,4,6-Trichlorophenol
 Concen: 37.302 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Instrument :
 BNA_F
 ClientSampled :
 P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	152617		
198	95.2	77.7	116.5	
200	30.0	24.9	37.3	

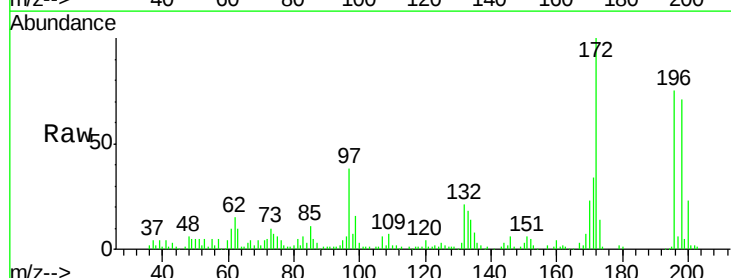
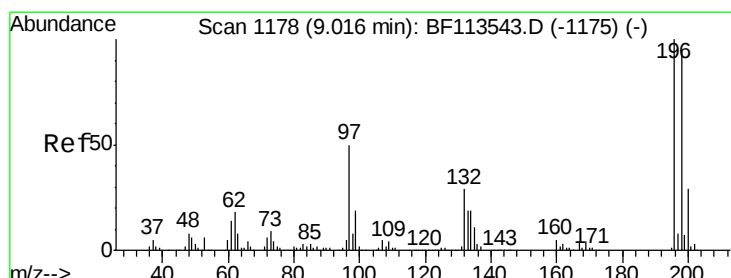
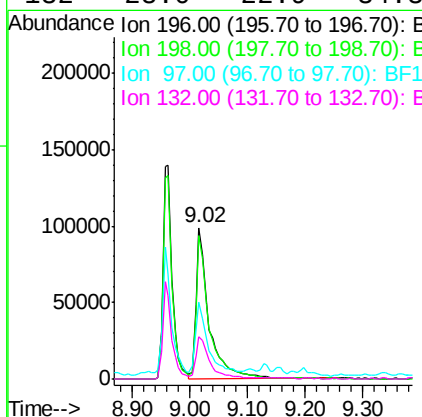
Manual Integrations
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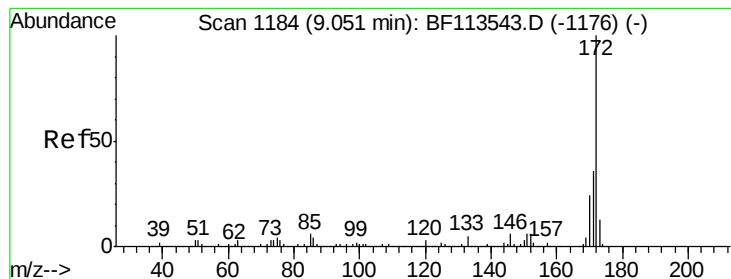
Sohil
 4/15/2019 12:27:26 AM



#44
 2,4,5-Trichlorophenol
 Concen: 35.601 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156377		
198	94.8	75.4	113.2	
97	50.9	38.6	58.0	
132	28.0	22.9	34.3	





#45

2-Fluorobiphenyl

Concen: 81.817 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

ClientSampleId :

P-1(0-10)MS

Tgt Ion:172 Resp: 1018553

Ion Ratio Lower Upper

172 100

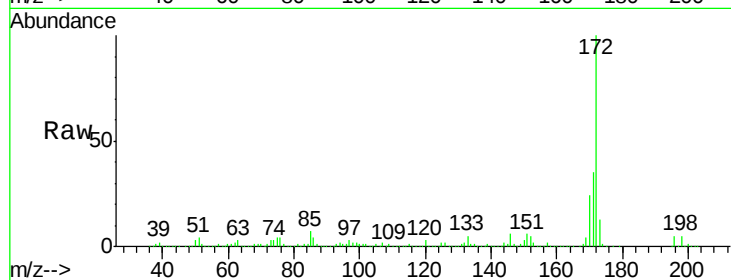
171 35.2 29.0 43.6

170 23.7 19.5 29.3

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Sohil

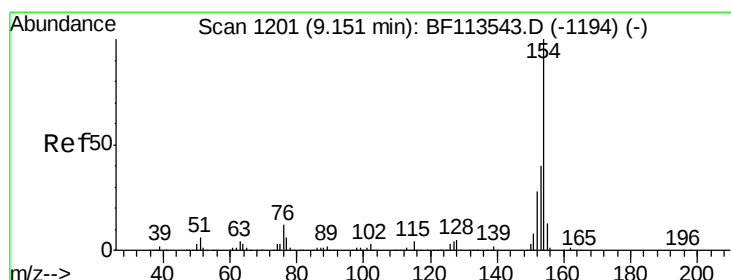
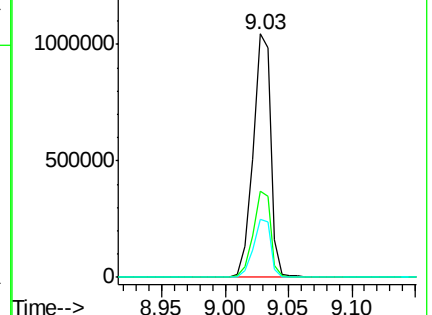
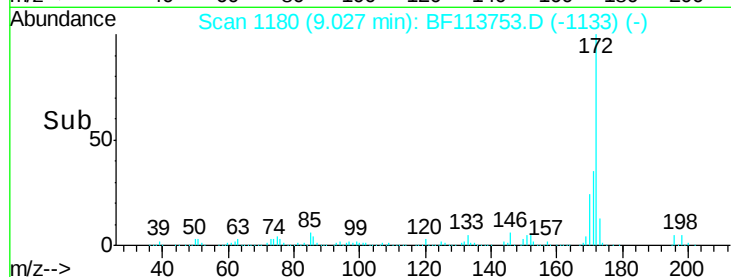
4/15/2019 12:27:26 AM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.570 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

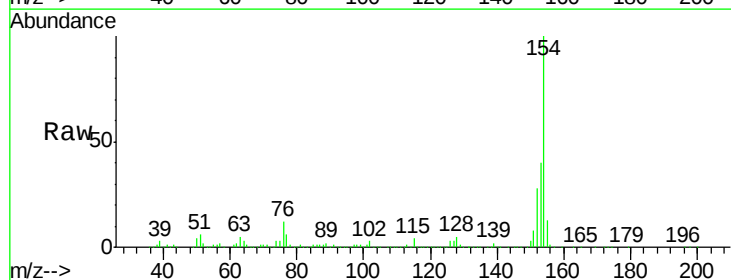
Tgt Ion:154 Resp: 637891

Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

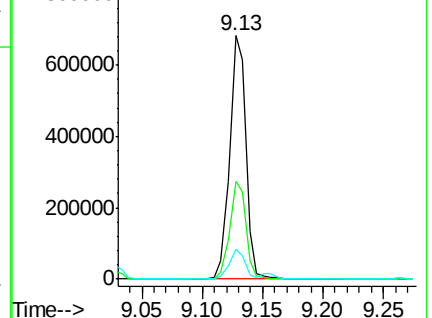
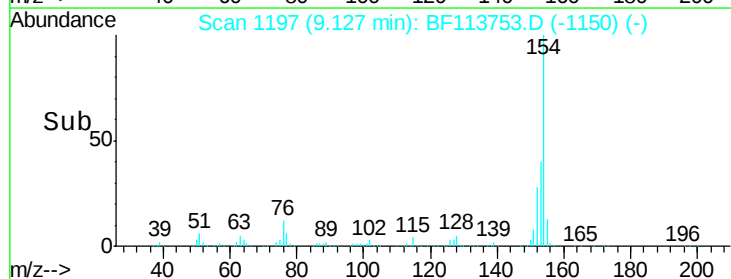
76 12.3 0.0 31.9

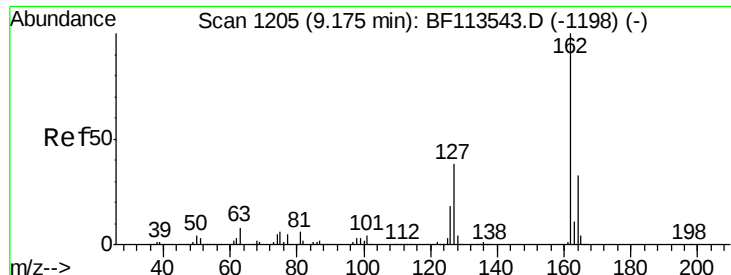


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





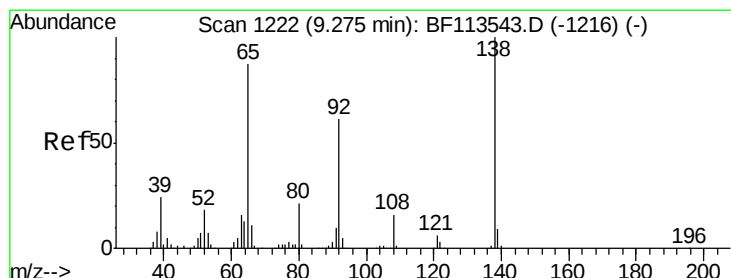
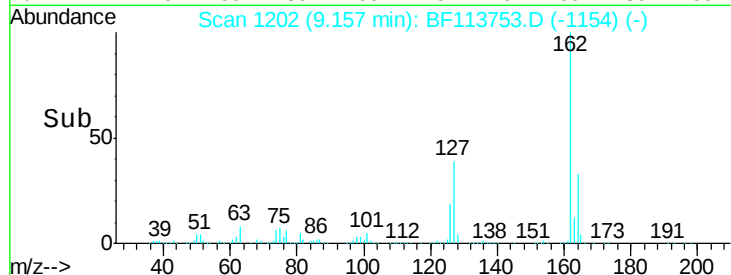
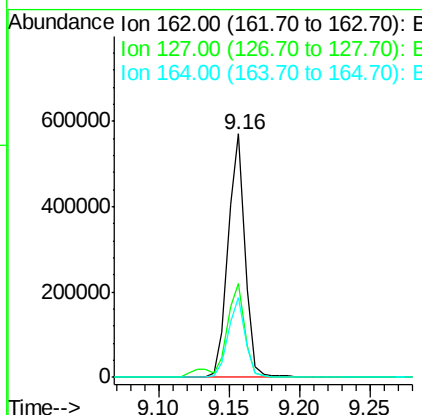
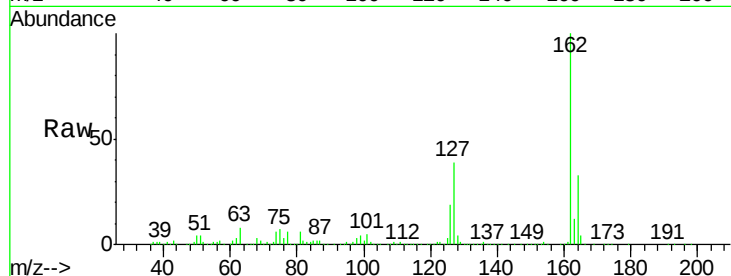
#47
 2-Chloronaphthalene
 Concen: 38.093 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	476997		
127	38.8	32.6	49.0	
164	33.0	26.6	39.8	

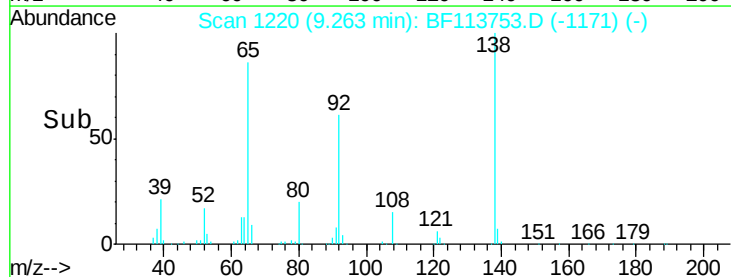
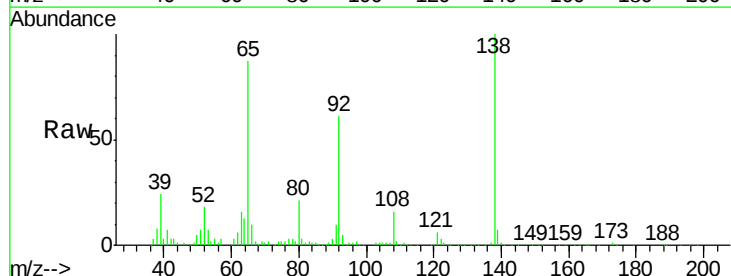
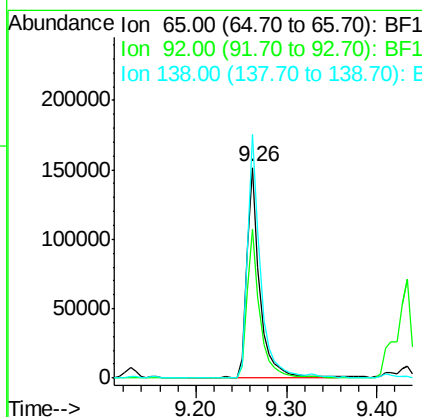
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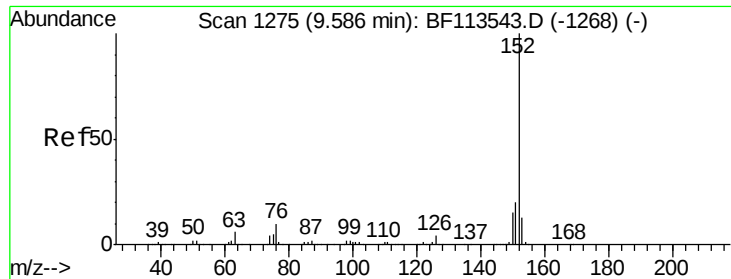
Sohil
 4/15/2019 12:27:26 AM



#48
 2-Nitroaniline
 Concen: 38.786 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	148610		
92	70.7	56.8	85.2	
138	115.5	92.3	138.5	





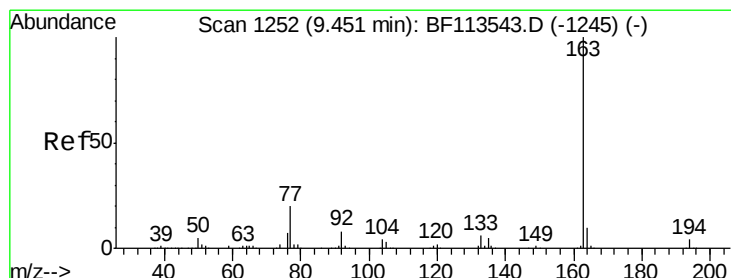
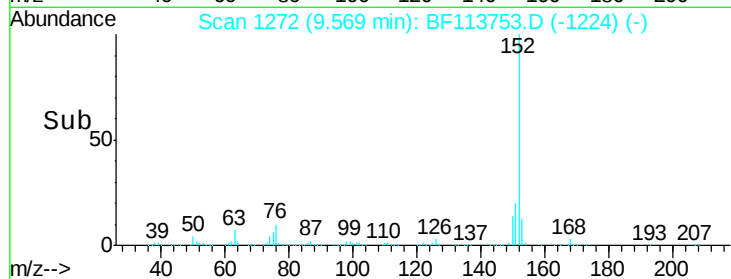
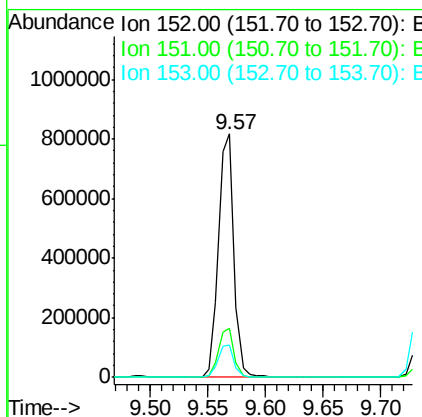
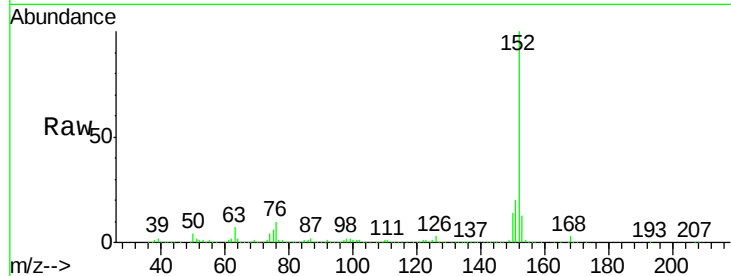
#49
Acenaphthylene
Concen: 37.376 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampled :
P-1(0-10)MS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.2	11.0	16.6

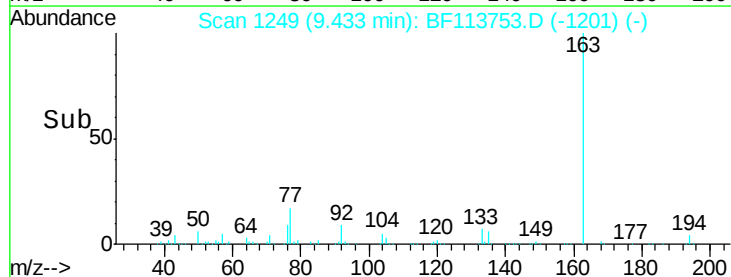
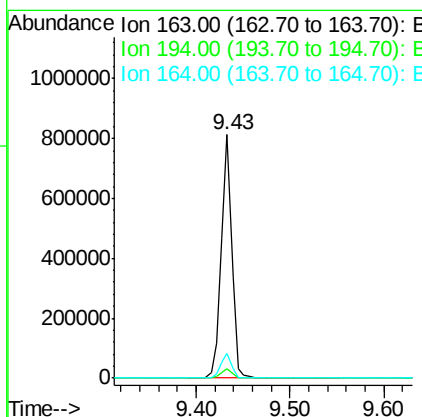
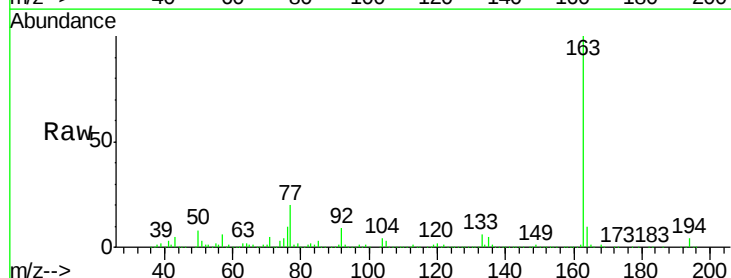
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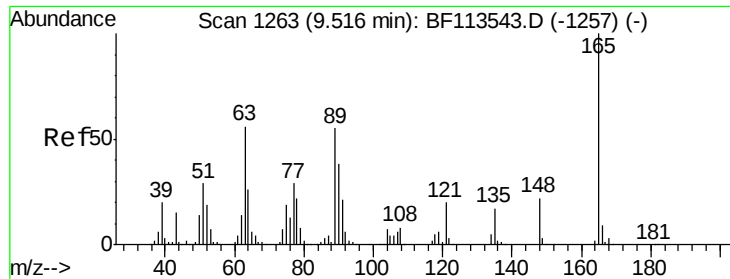
Sohil
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#50
Dimethylphthalate
Concen: 43.055 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.4	8.1	12.1





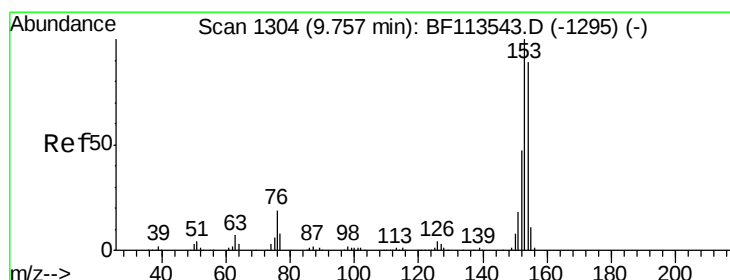
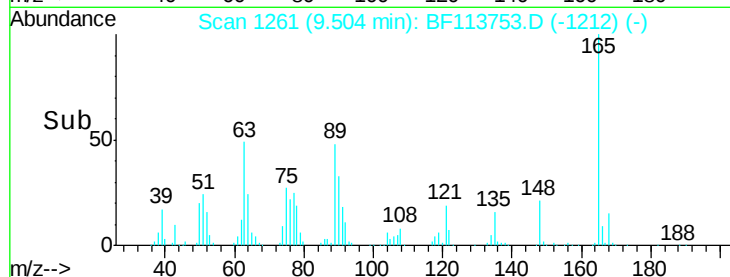
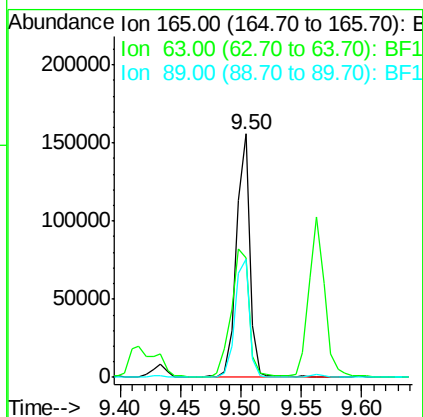
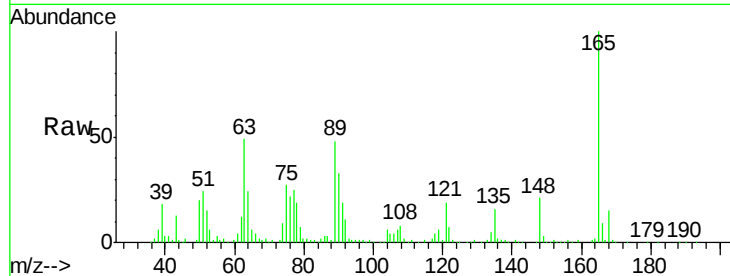
#51
2,6-Dinitrotoluene
Concen: 37.758 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.1	43.4	65.0
89	48.3	43.1	64.7

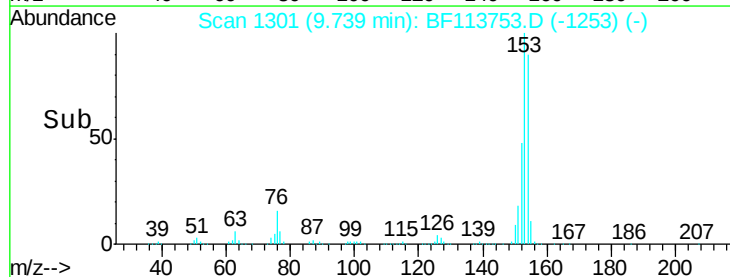
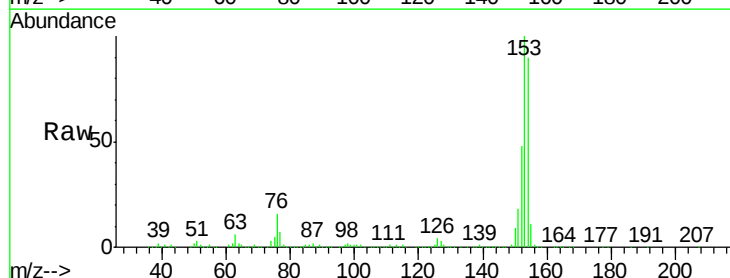
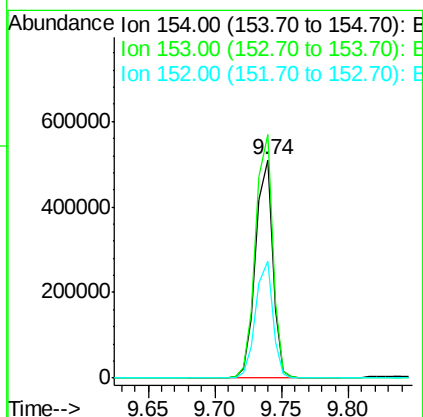
Manual Integrations
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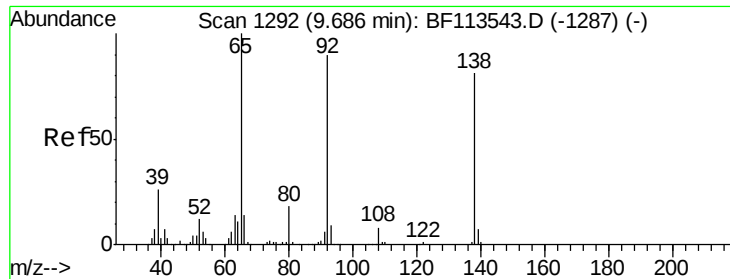
Sohil
4/15/2019 12:27:26 AM



#52
Acenaphthene
Concen: 38.664 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	111.4	89.5	134.3
152	53.4	43.3	64.9





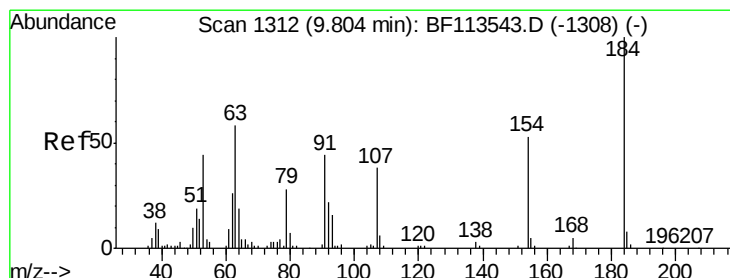
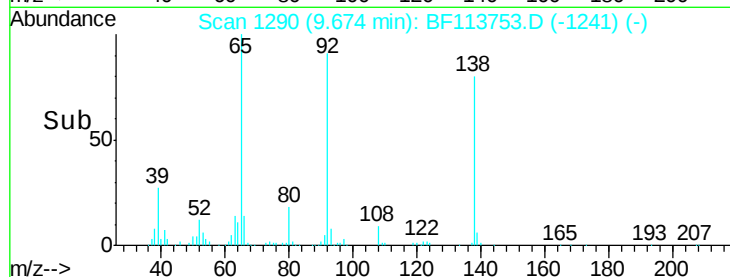
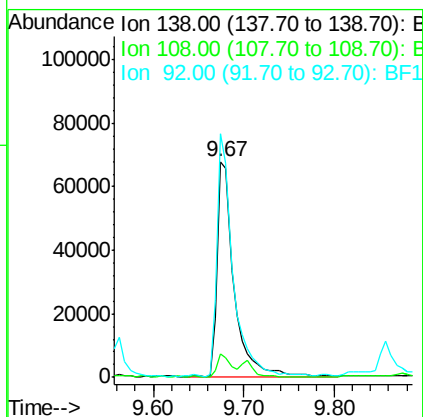
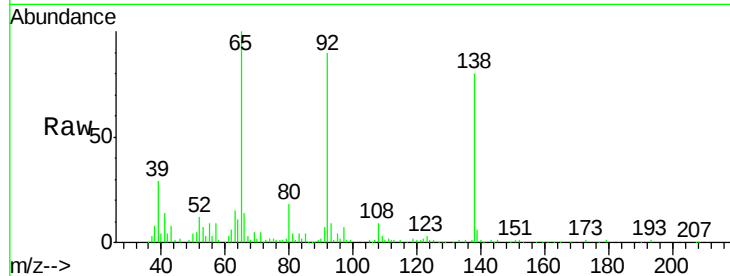
#53
 3-Nitroaniline
 Concen: 24.068 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 P-1(0-10)MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.8	11.6
92	112.9	82.6	124.0

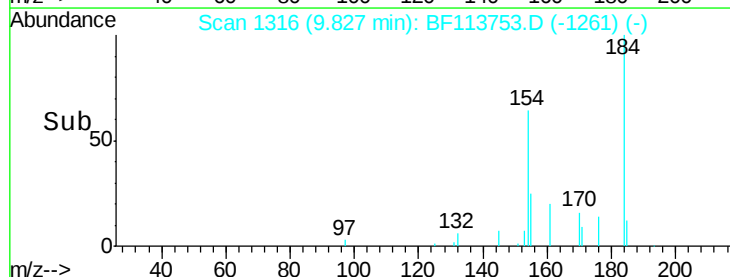
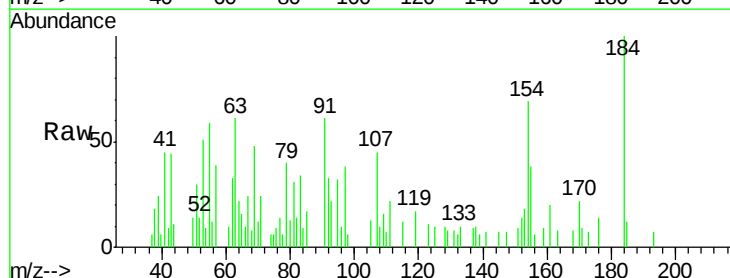
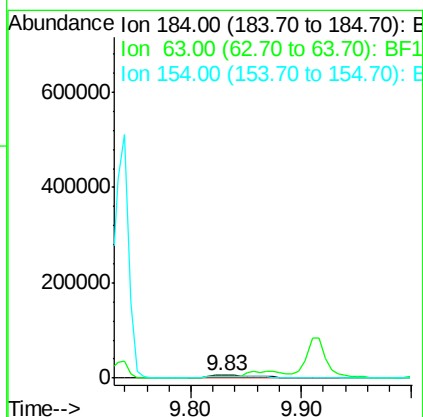
Manual Integrations
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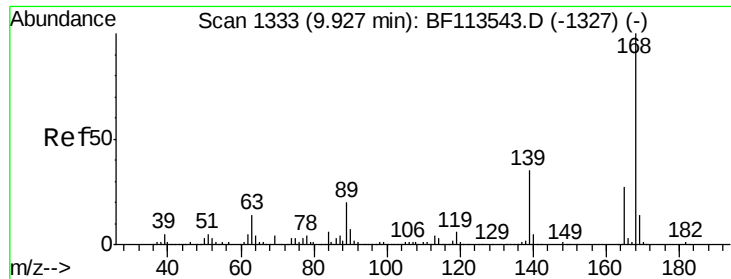
Sohil
 4/15/2019 12:27:26 AM



#54
 2,4-Dinitrophenol
 Concen: 13.424 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.02 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	54.3	81.5
154	69.2	48.4	72.6





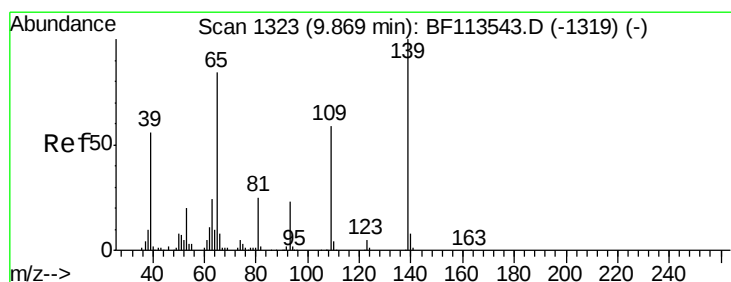
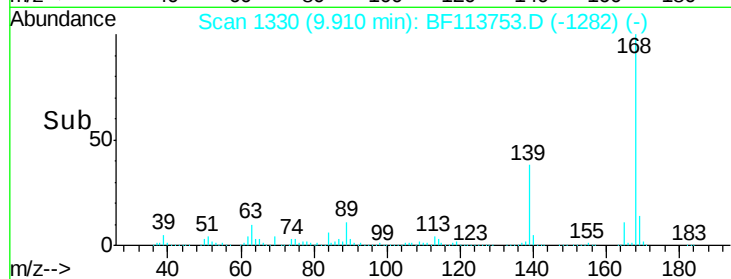
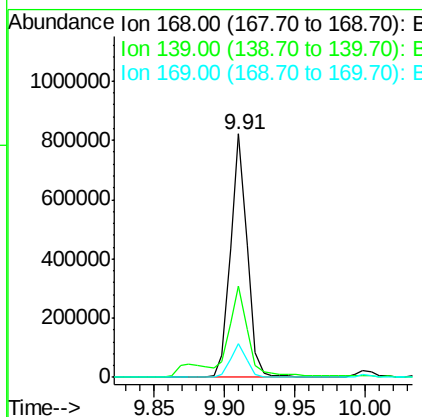
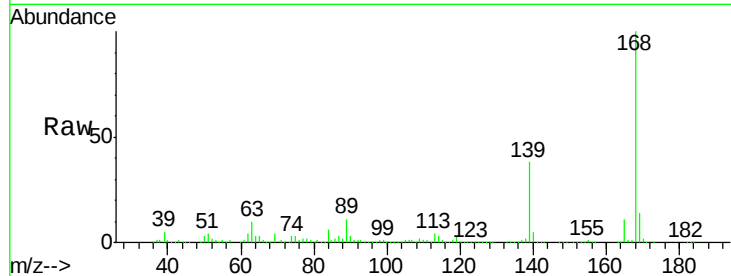
#55
Dibenzenofuran
Concen: 39.322 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampled :
P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	672311		
139	37.5	29.7	44.5	
169	13.8	10.7	16.1	

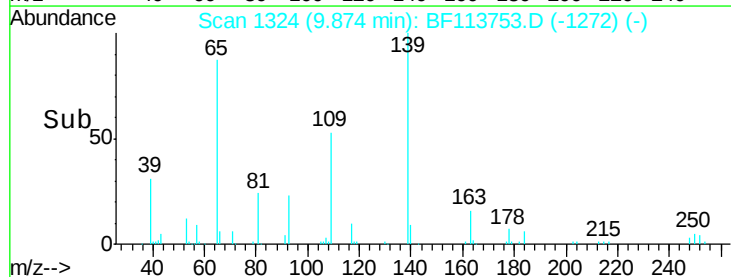
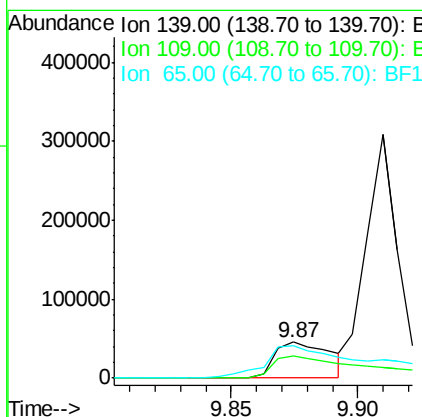
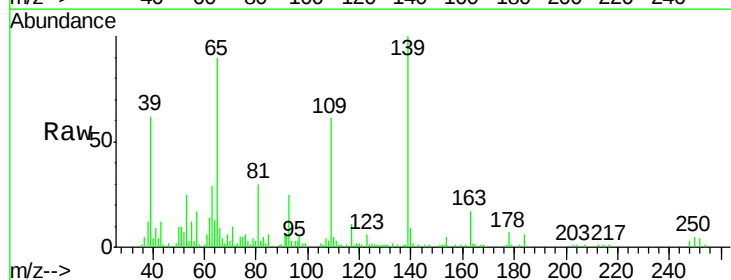
Manual Integrations
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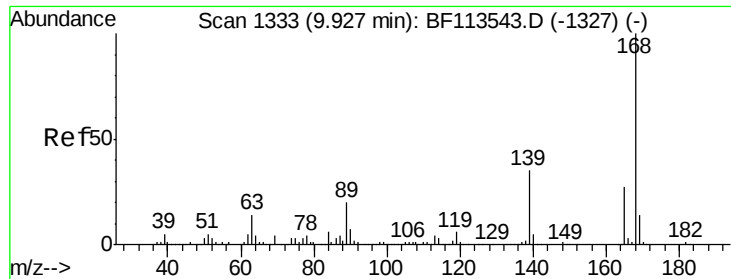
Sohil
4/15/2019 12:27:26 AM



#56
4-Nitrophenol
Concen: 30.216 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	69399		
109	61.2	46.9	86.9	
65	90.1	77.2	117.2	





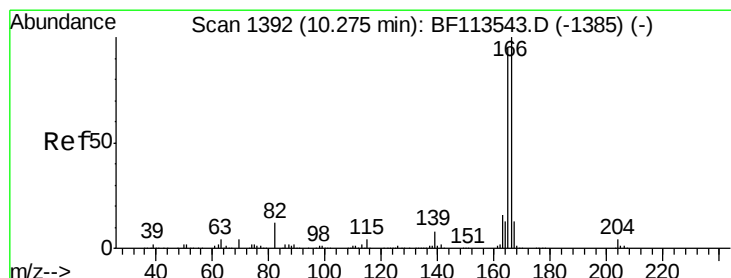
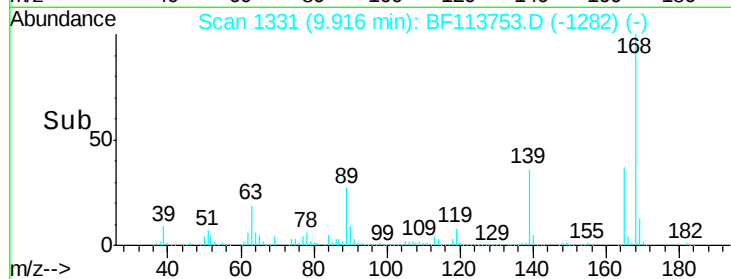
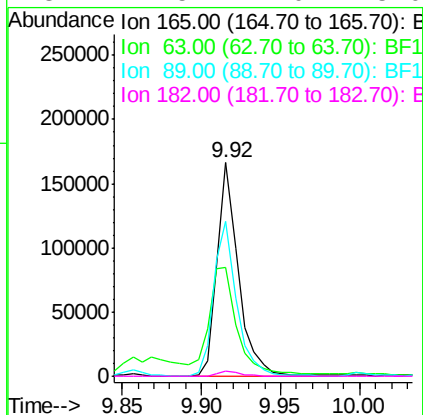
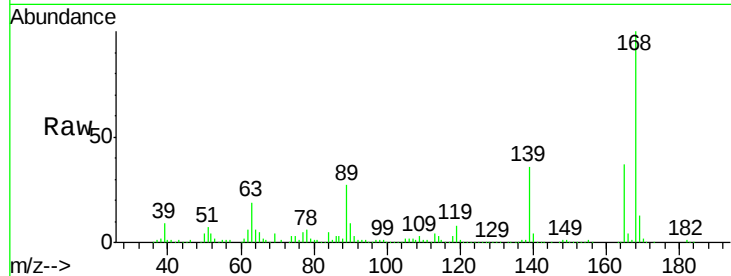
#57
2,4-Dinitrotoluene
Concen: 39.597 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155951		
63	51.1	37.5	56.3	
89	72.2	57.4	86.2	
182	2.5	2.0	3.0	

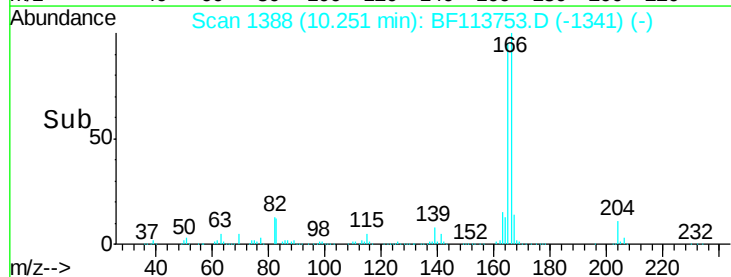
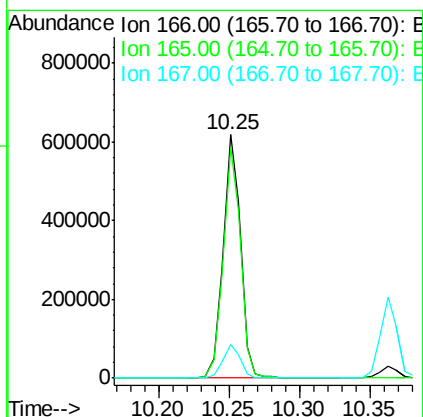
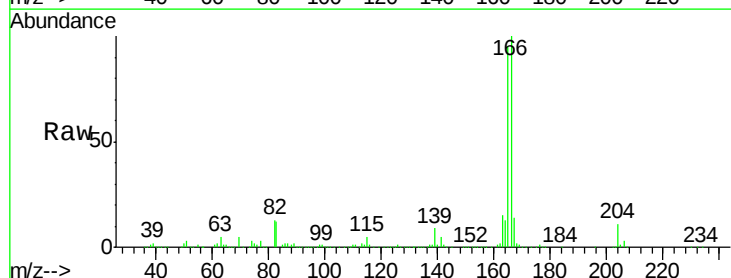
Manual Integrations
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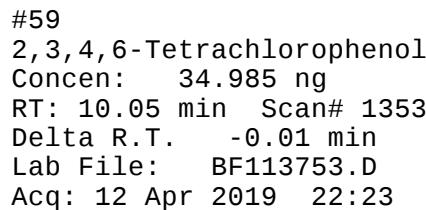
Sohil
4/15/2019 12:27:26 AM



#58
Fluorene
Concen: 39.099 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	528736		
165	95.0	76.2	114.2	
167	14.0	10.7	16.1	



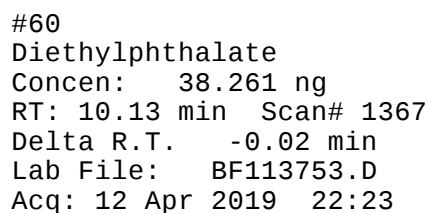
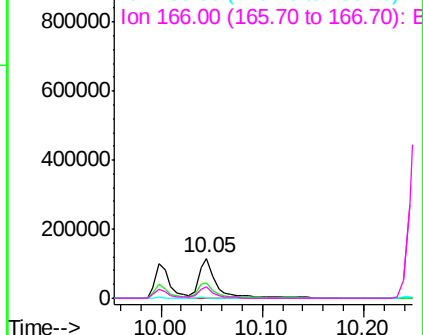
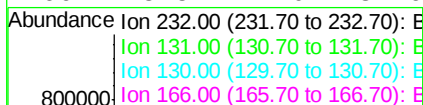


Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

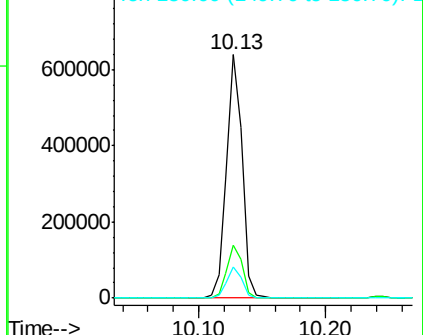
Tgt	Ion:232	Resp:	133016
Ion	Ratio	Lower	Upper
232	100		
131	37.2	33.2	49.8
130	2.2	1.6	2.4
166	25.5	21.0	31.6

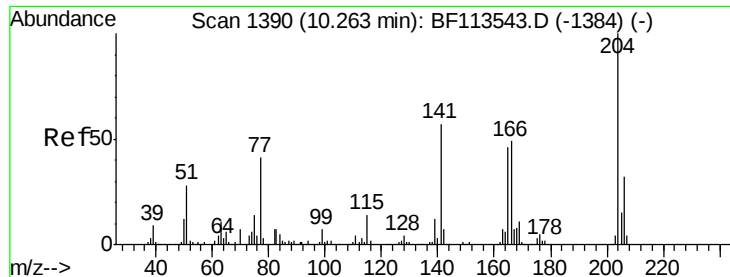
Manual Integrations
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Tgt	Ion:149	Resp:	544987
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.0
150	12.6	10.0	15.0





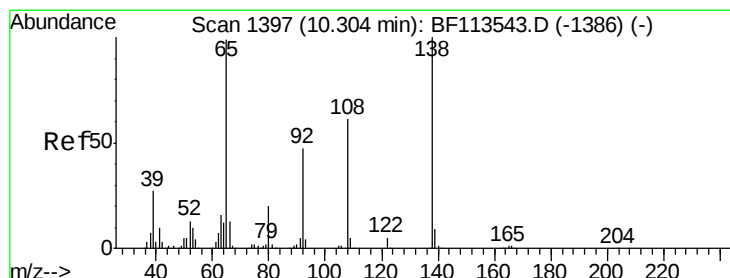
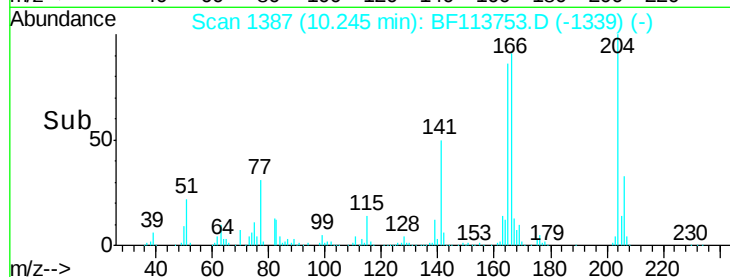
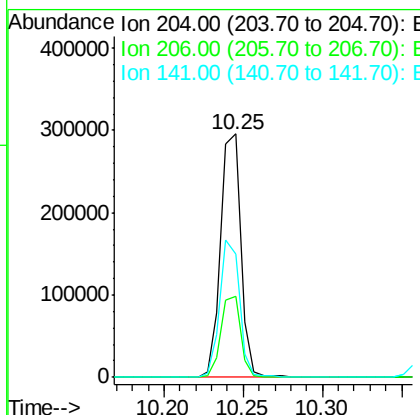
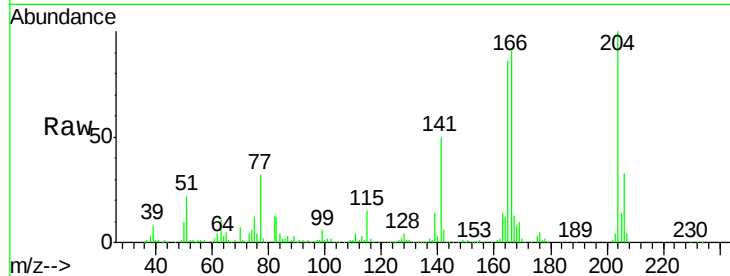
#61
 4-Chlorophenyl-phenylether
 Concen: 39.586 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	263306		
206	33.2	26.9	40.3	
141	50.5	48.8	73.2	

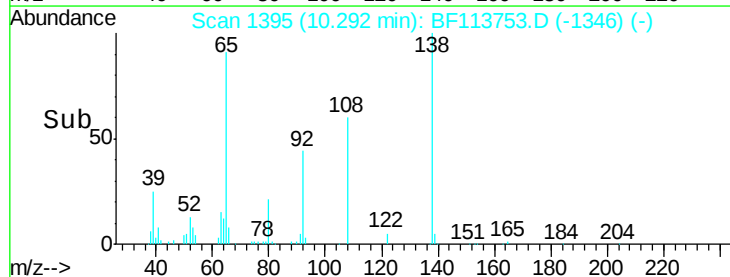
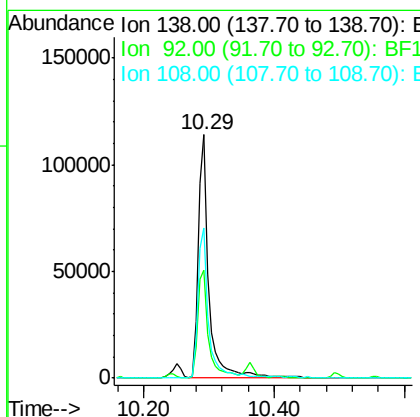
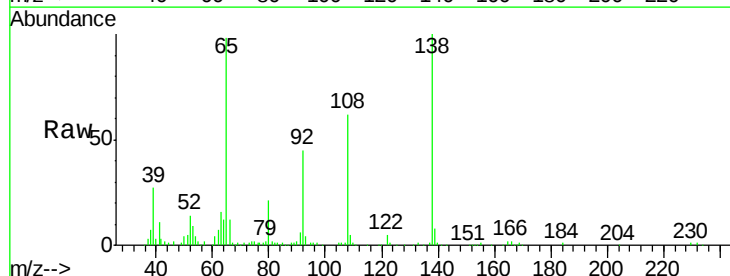
Manual Integrations
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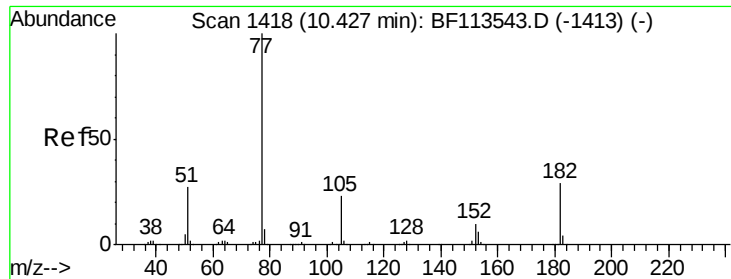
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#62
 4-Nitroaniline
 Concen: 34.152 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	128582		
92	44.5	25.8	65.8	
108	61.6	44.0	84.0	





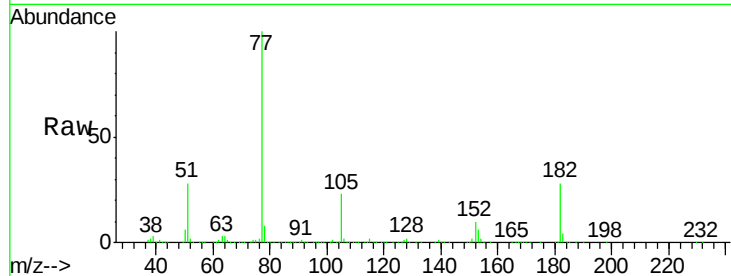
#63
Azobenzene
Concen: 37.030 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

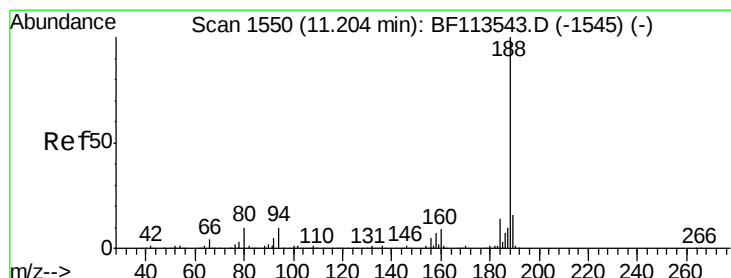
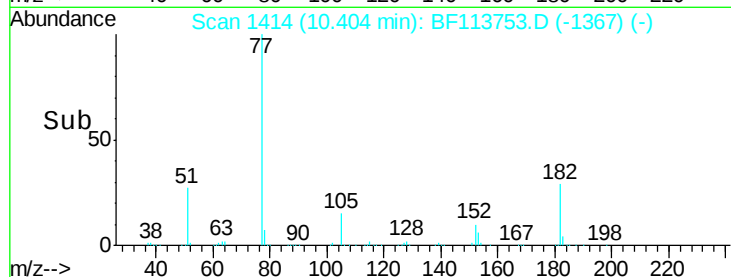
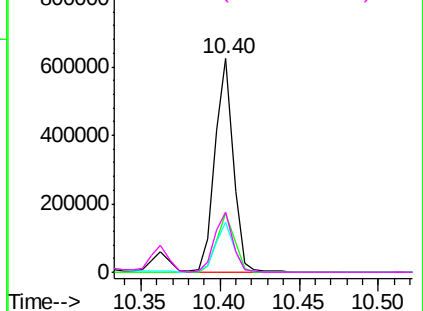
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.7	48.7
105	23.4	2.9	42.9
51	28.4	8.8	48.8

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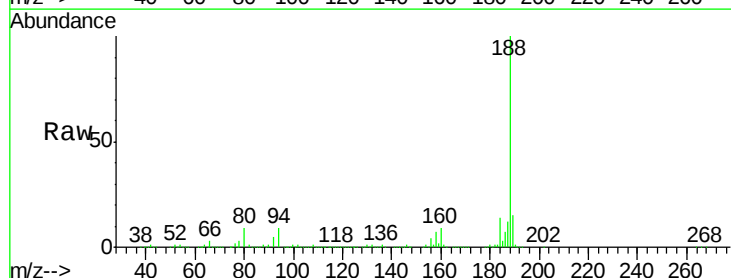


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

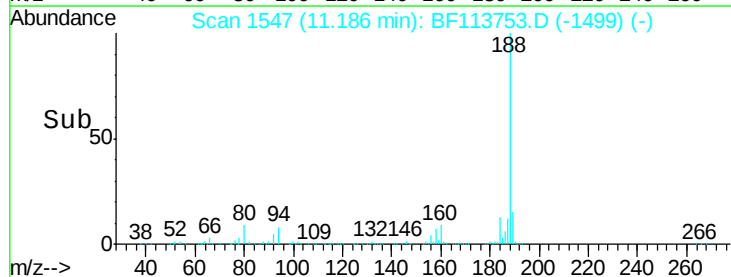
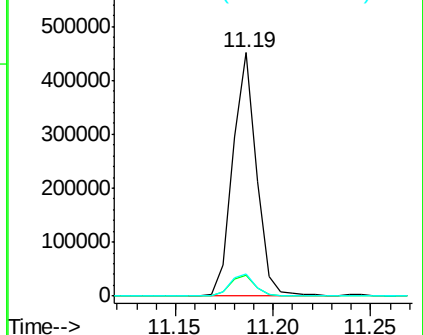


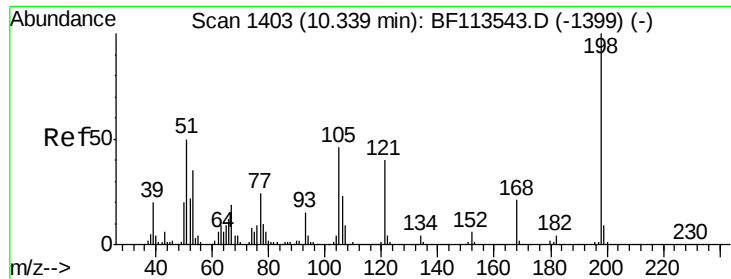
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	9.0	7.7	11.5



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





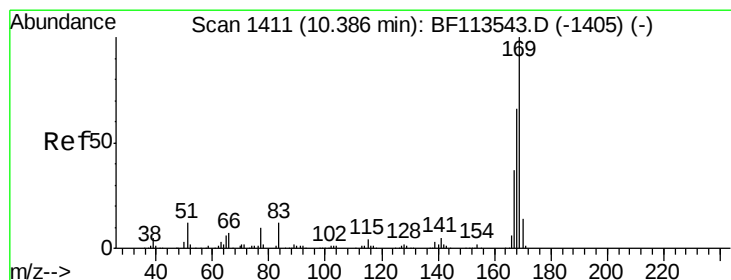
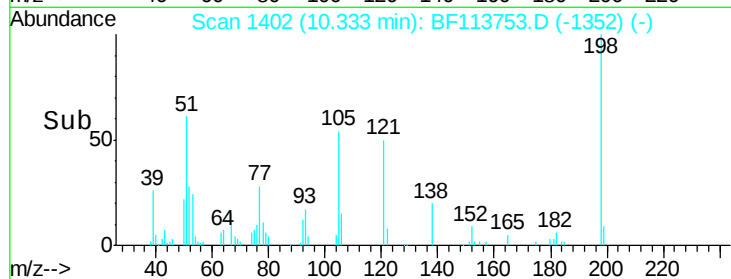
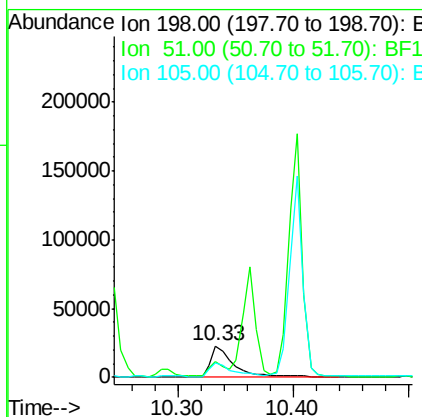
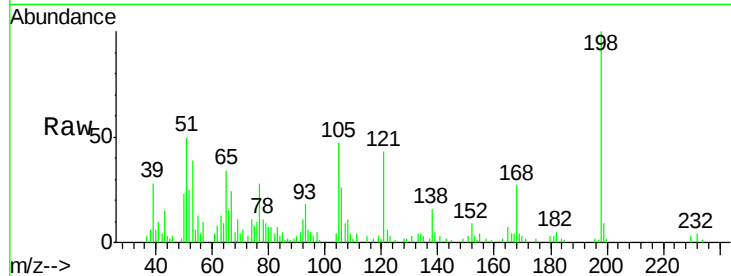
#65
4,6-Dinitro-2-methylphenol
Concen: 16.447 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	50.2	21.6	61.6
105	46.6	20.6	60.6

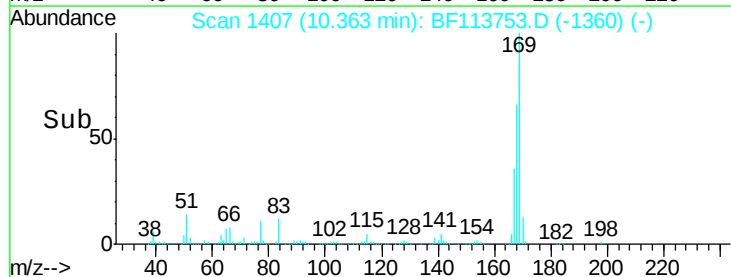
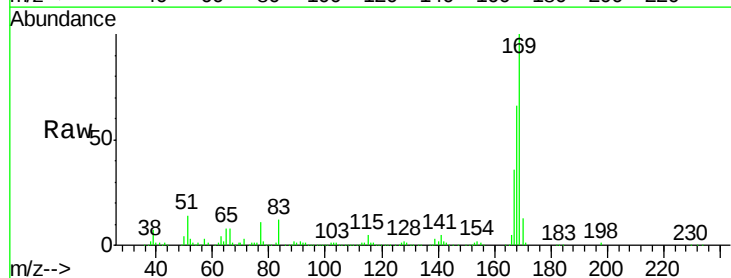
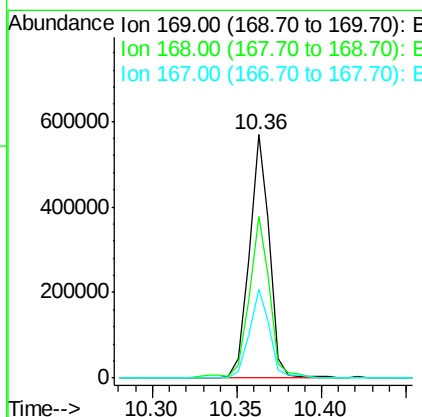
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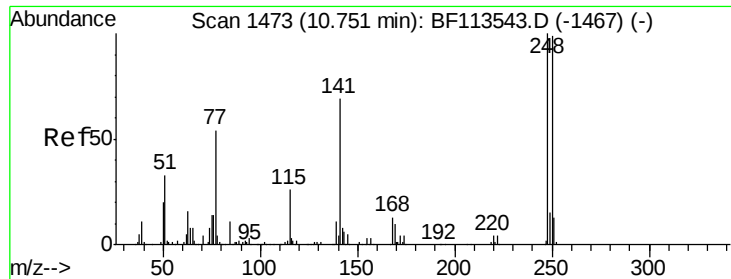
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 40.559 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.7	80.5
167	36.3	29.5	44.3





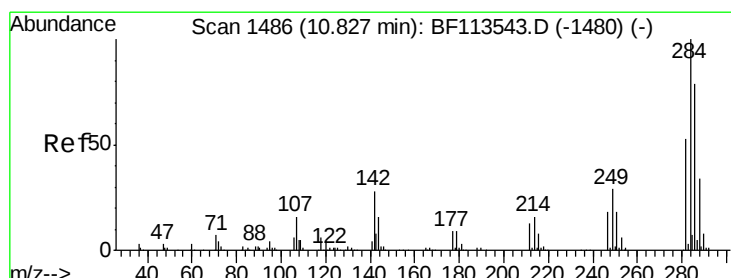
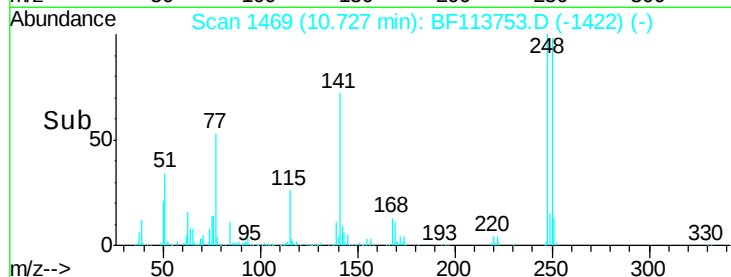
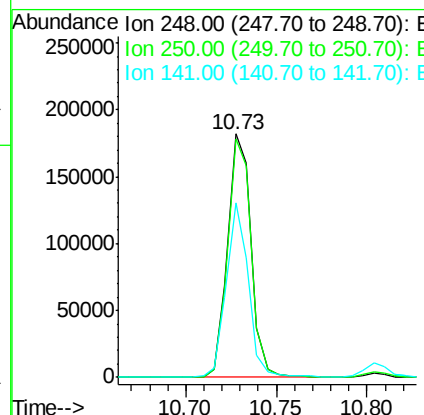
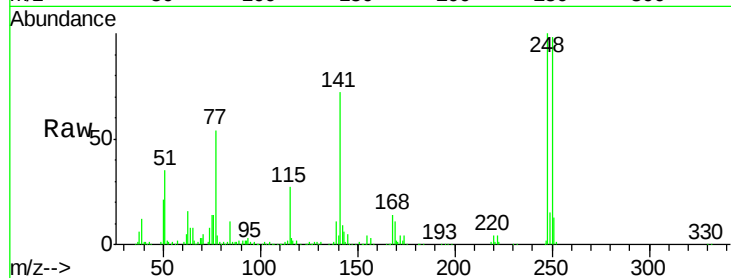
#67
4-Bromophenyl-phenylether
Concen: 38.546 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampled :
P-1(0-10)MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.3	117.5
141	71.9	56.2	84.4

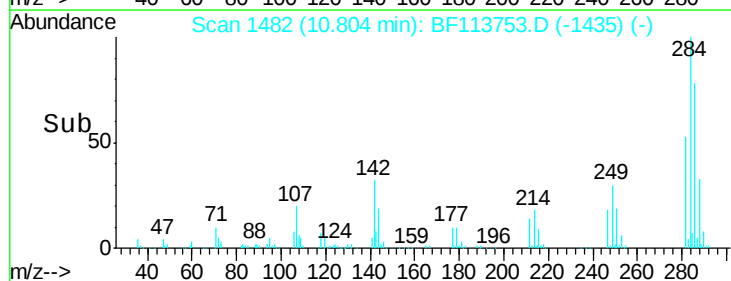
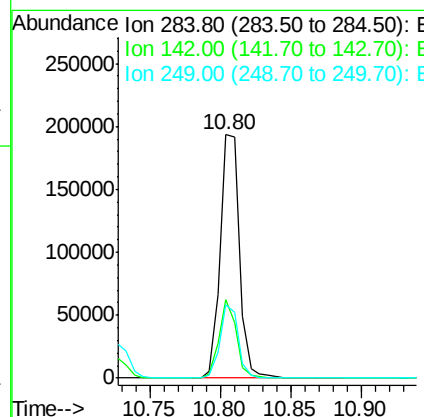
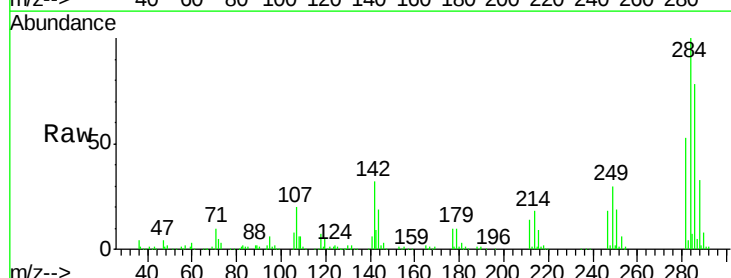
Manual Integrations
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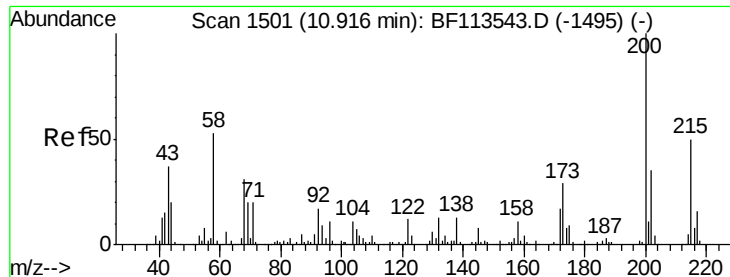
Sohil
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#68
Hexachlorobenzene
Concen: 37.761 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	20.1	30.1#
249	30.2	22.7	34.1





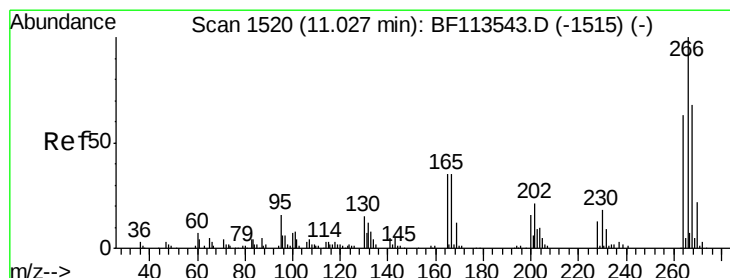
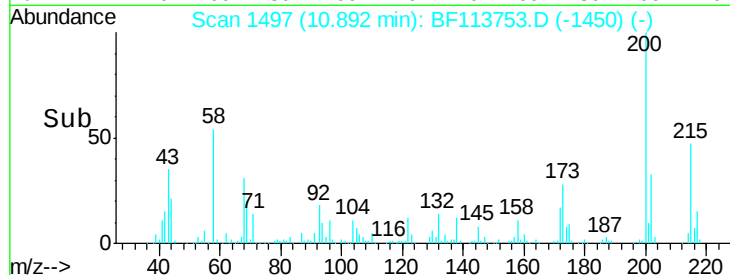
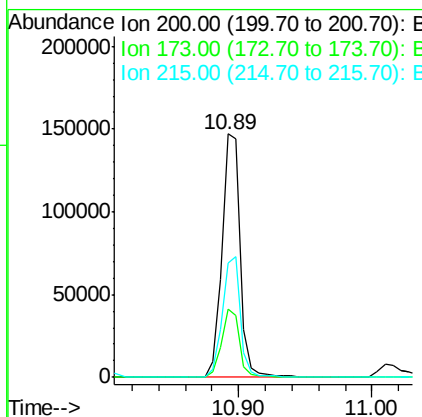
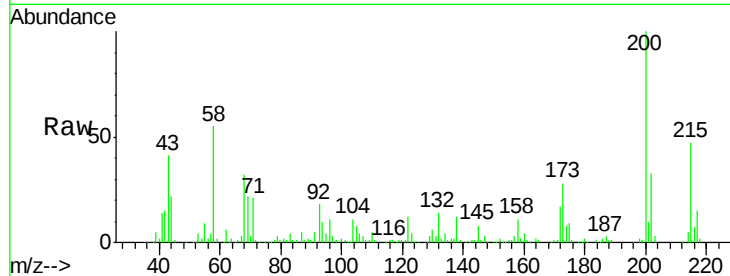
#69
 Atrazine
 Concen: 38.755 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 P-1(0-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.0	6.0	46.0
215	47.2	31.3	71.3

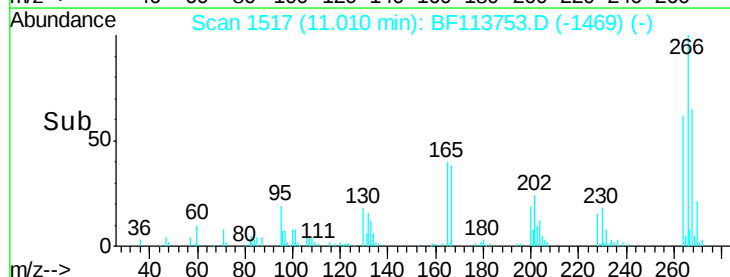
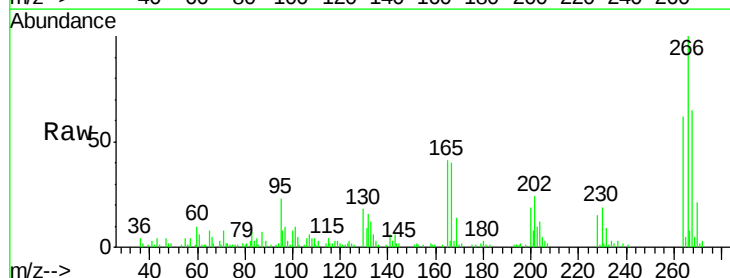
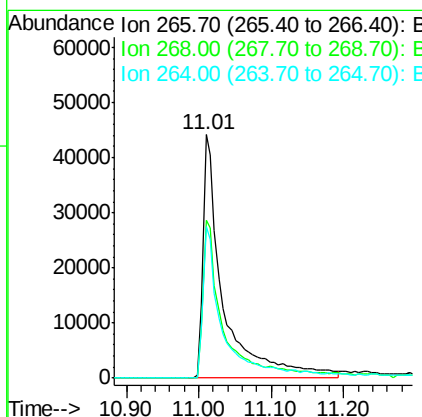
Manual Integrations
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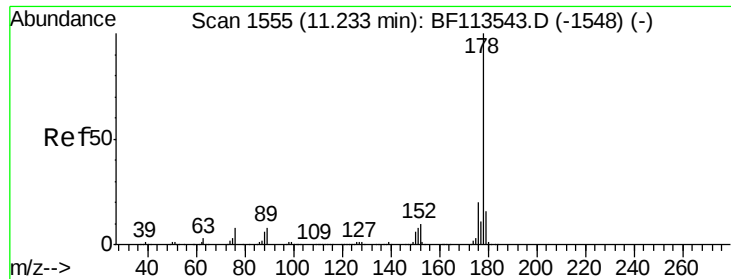
Sohil
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#70
 Pentachlorophenol
 Concen: 37.485 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.02 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	69.8	53.8	80.6
264	62.2	49.2	73.8





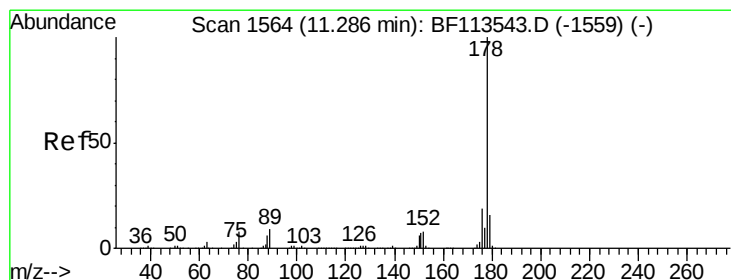
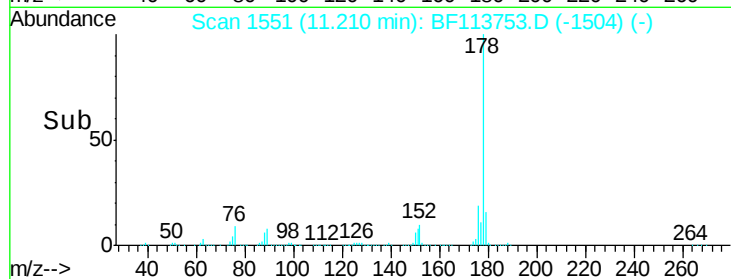
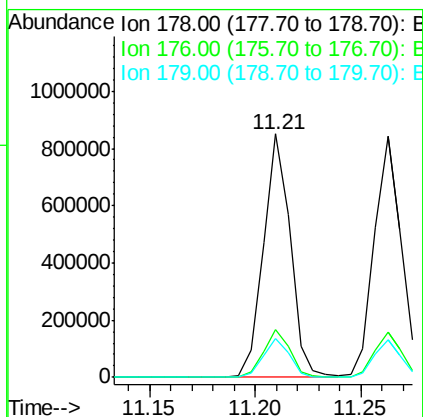
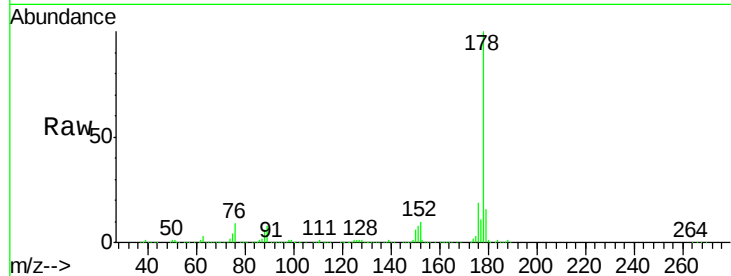
#71
Phenanthrene
Concen: 39.944 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampled :
P-1(0-10)MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.2
179	15.8	12.7	19.1

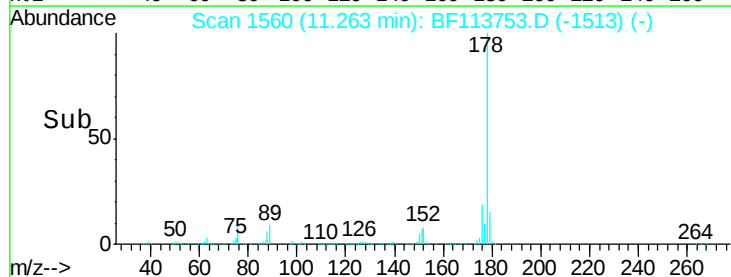
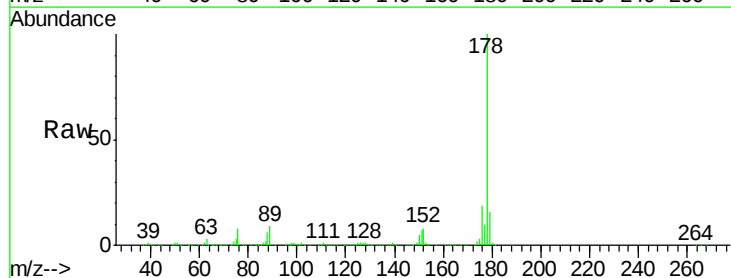
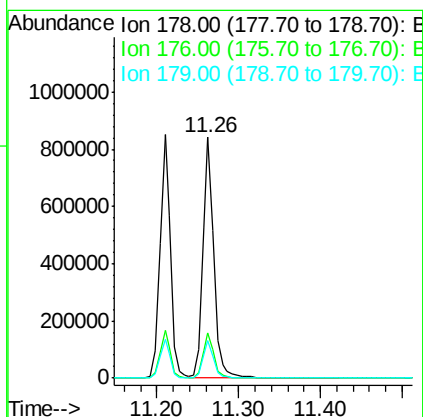
Manual Integrations
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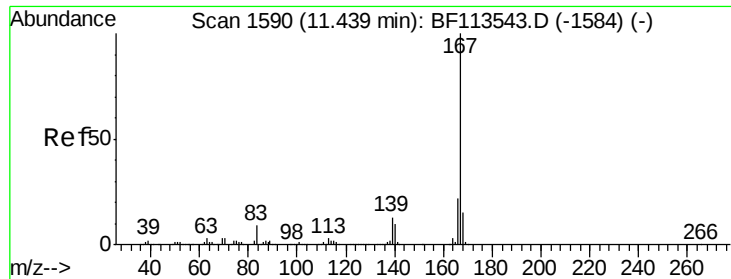
Sohil
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#72
Anthracene
Concen: 41.250 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.5	12.8	19.2





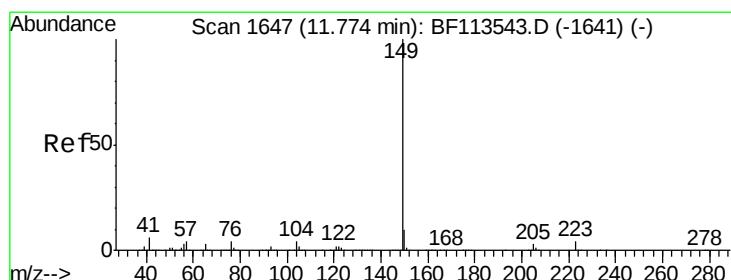
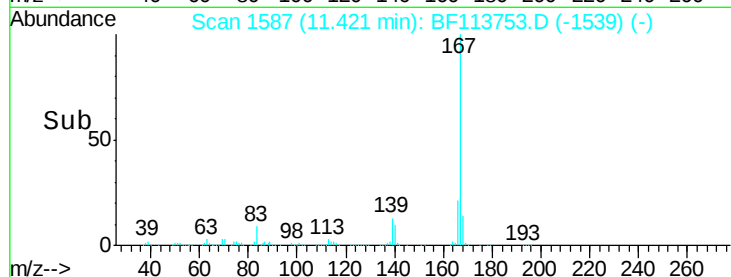
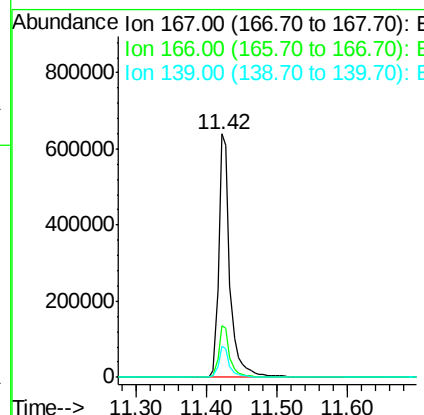
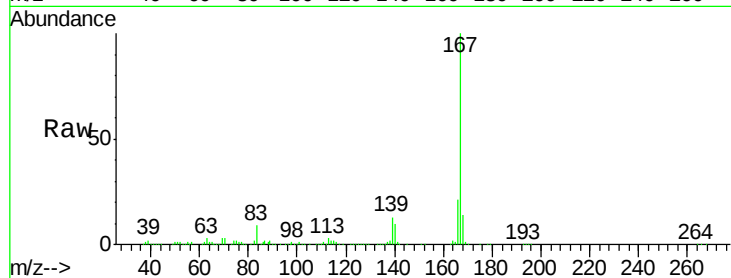
#73
 Carbazole
 Concen: 39.596 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.02 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	712553		
166	21.2		17.4	26.0
139	12.6		10.4	15.6

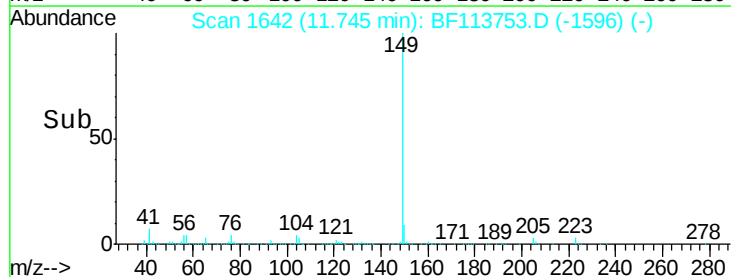
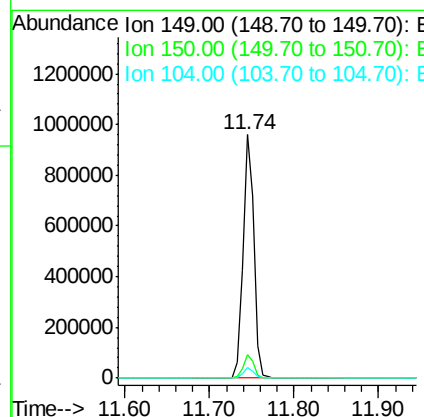
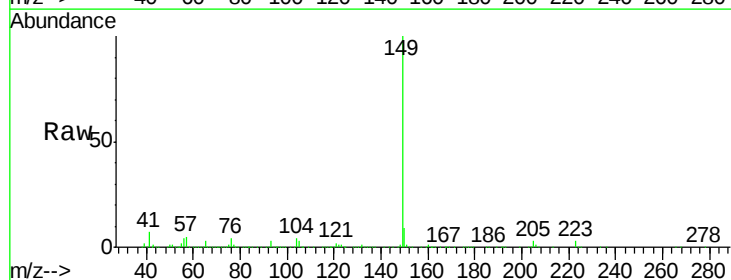
Manual Integrations
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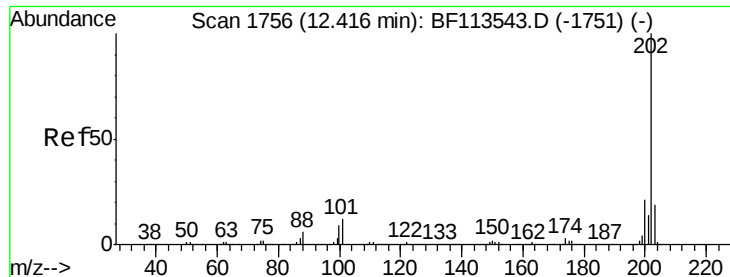
Sohil
 4/15/2019 12:27:26 AM



#74
 Di-n-butylphthalate
 Concen: 38.555 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BF113753.D
 Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	825353		
150	9.4		7.7	11.5
104	4.4		3.7	5.5





#75

Fluoranthene

Concen: 37.465 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

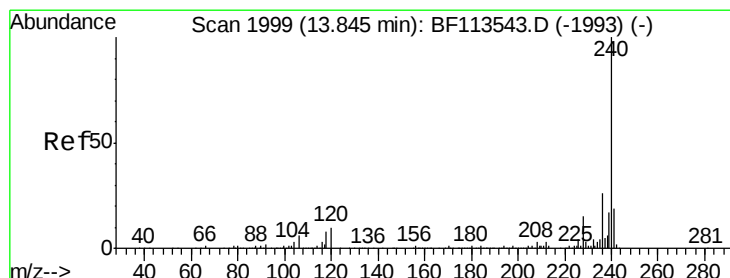
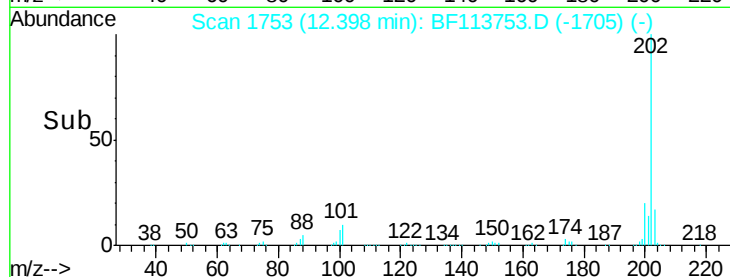
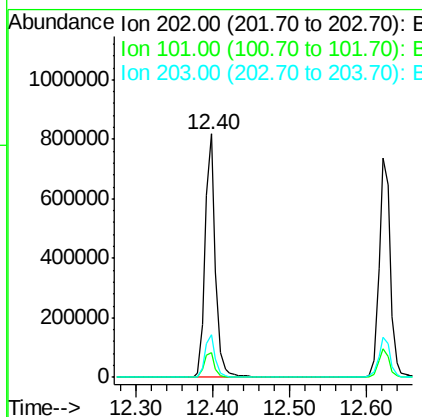
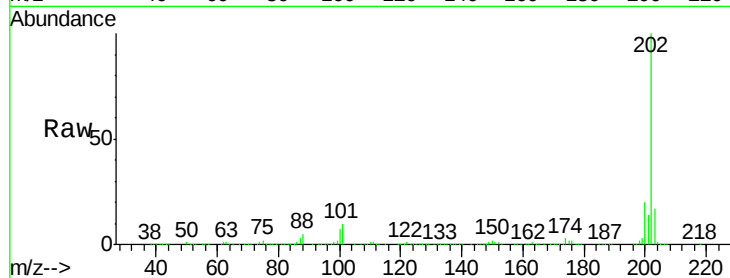
ClientSampled :

P-1(0-10)MS

Tgt Ion:	202	Resp:	759223
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.4
203	17.3	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

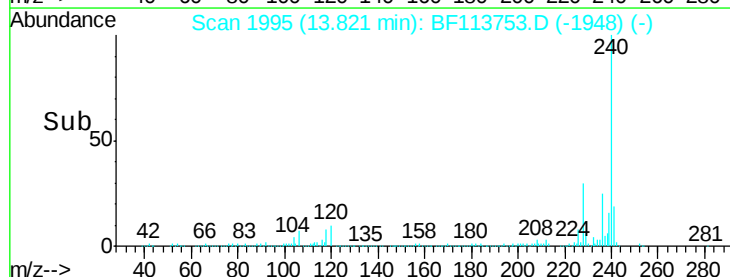
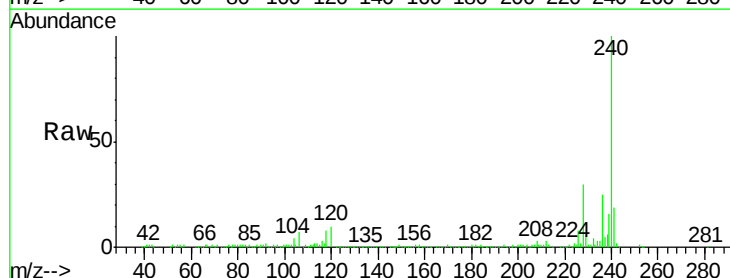
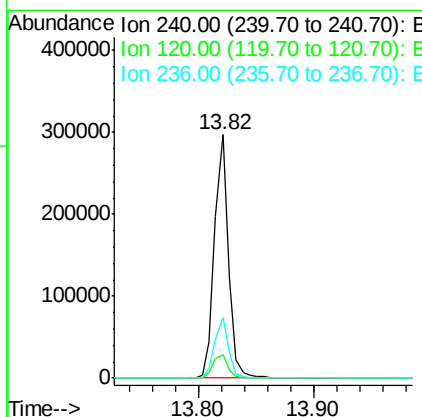
RT: 13.82 min Scan# 1995

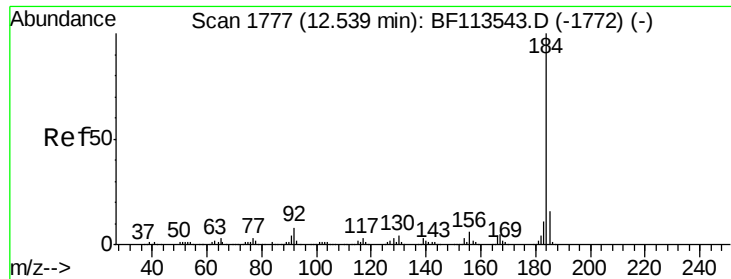
Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion:	240	Resp:	249059
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.8	13.2
236	25.0	20.9	31.3





#77

Benzidine

Concen: 29.692 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

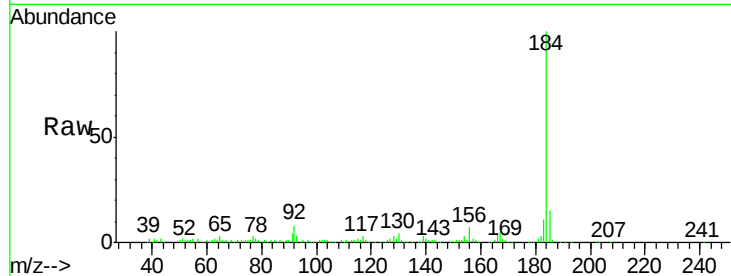
ClientSampleId :

P-1(0-10)MS

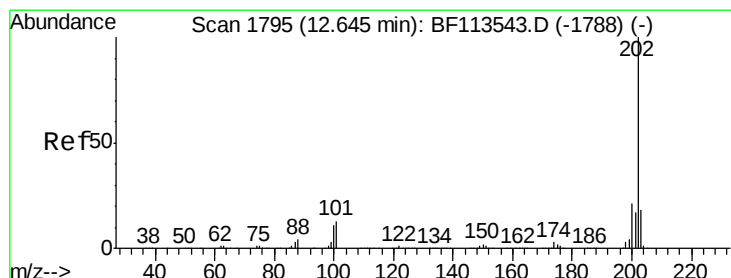
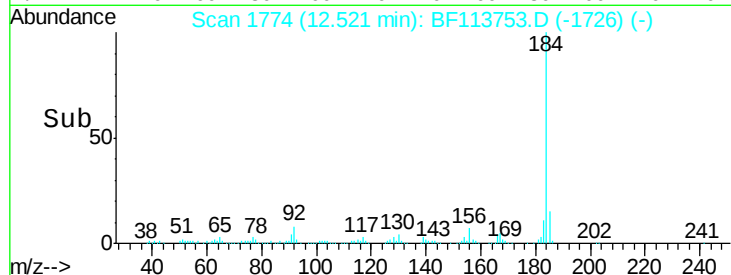
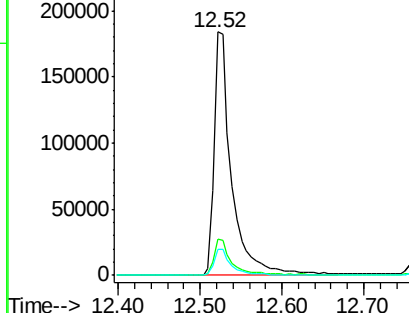
Tgt Ion:	184	Resp:	274999
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.0	19.6
183	10.8	9.0	13.4

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Abundance Ion 184.00 (183.70 to 184.70): E
250000
Ion 185.00 (184.70 to 185.70): E
200000
Ion 183.00 (182.70 to 183.70): E
150000
100000
50000
0



#78

Pyrene

Concen: 39.290 ng

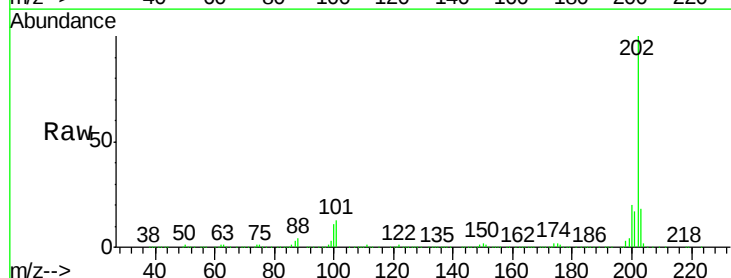
RT: 12.62 min Scan# 1791

Delta R.T. -0.02 min

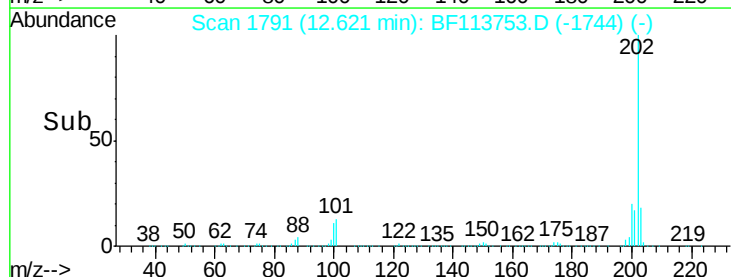
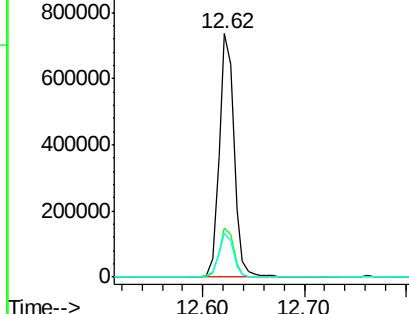
Lab File: BF113753.D

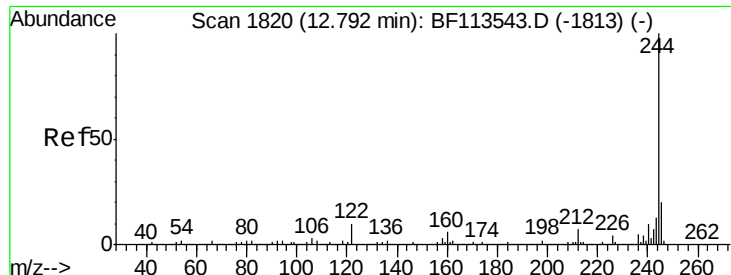
Acq: 12 Apr 2019 22:23

Tgt Ion:	202	Resp:	744574
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.8	25.2
203	18.0	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
1000000
Ion 200.00 (199.70 to 200.70): E
800000
Ion 203.00 (202.70 to 203.70): E
600000
400000
200000
0





#79

Terphenyl-d14

Concen: 80.765 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

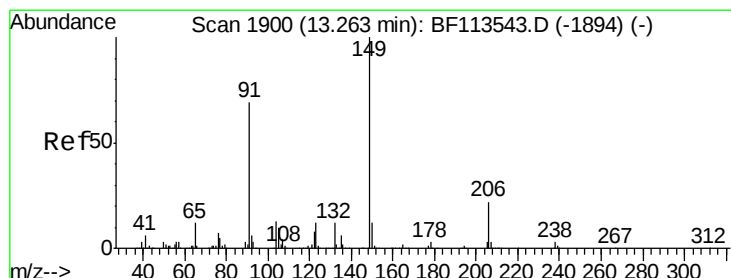
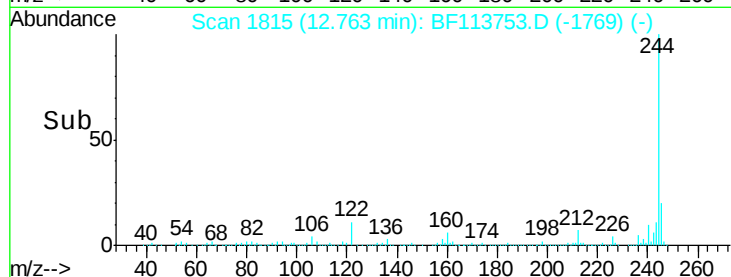
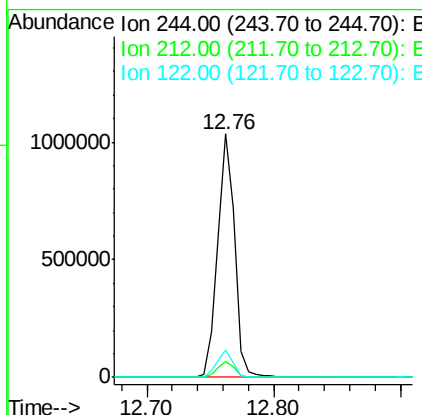
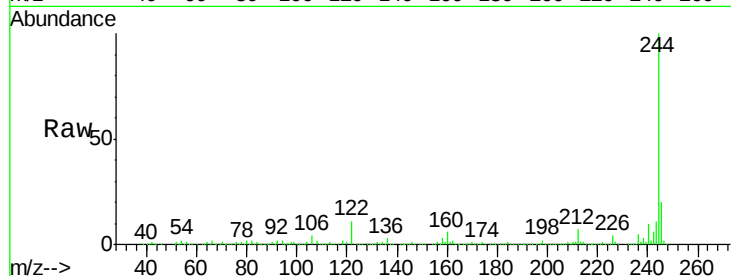
ClientSampled :

P-1(0-10)MS

Tgt Ion:	244	Resp:	987970
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.5	8.3
122	11.0	8.6	13.0

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 37.338 ng

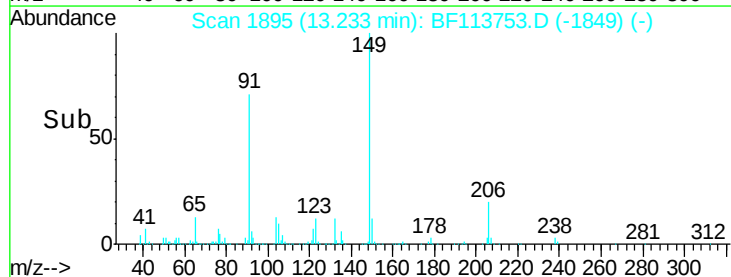
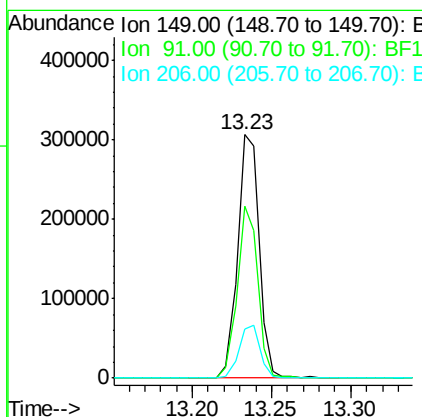
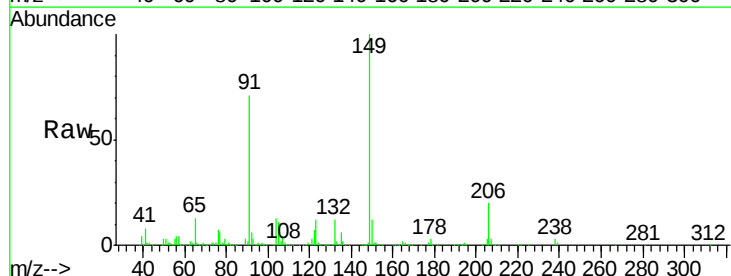
RT: 13.23 min Scan# 1895

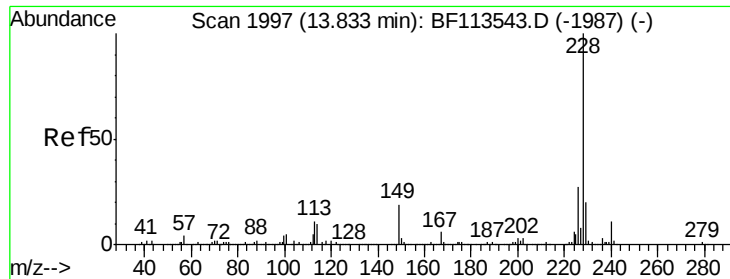
Delta R.T. -0.03 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion:	149	Resp:	288027
Ion Ratio		Lower	Upper
149	100		
91	70.8	55.2	82.8
206	20.2	16.1	24.1





#81

Benzo(a)anthracene

Concen: 36.754 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

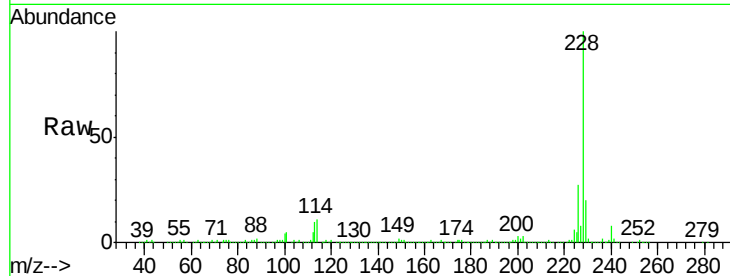
ClientSampleId :

P-1(0-10)MS

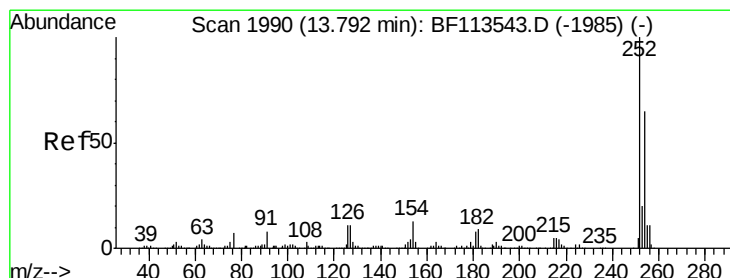
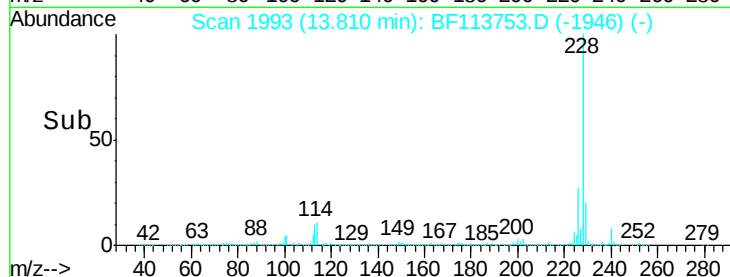
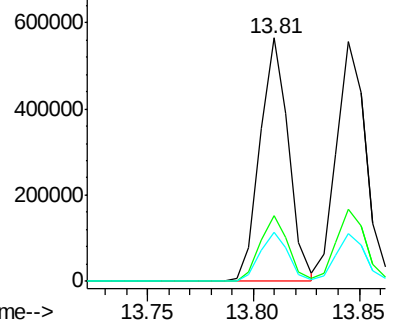
Tgt Ion:	228	Resp:	528050
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.8	32.8
229	20.1	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.895 ng

RT: 13.77 min Scan# 1987

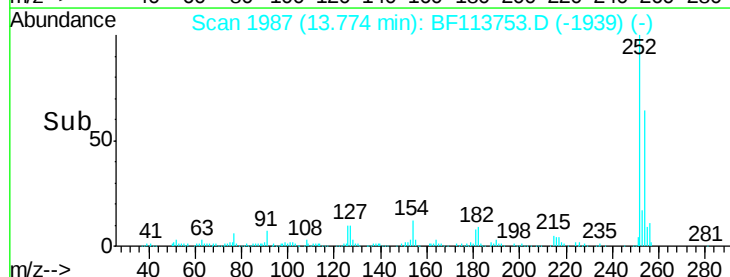
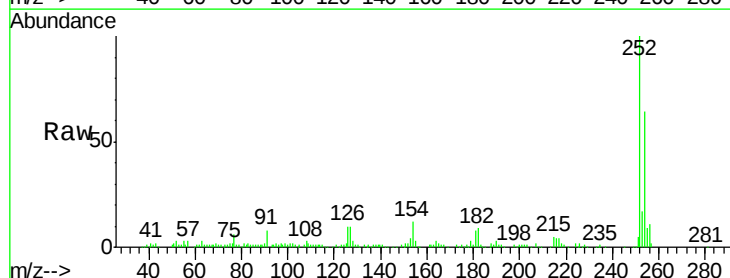
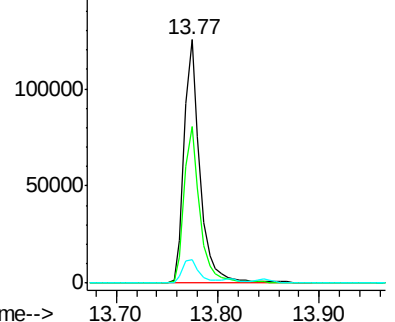
Delta R.T. -0.02 min

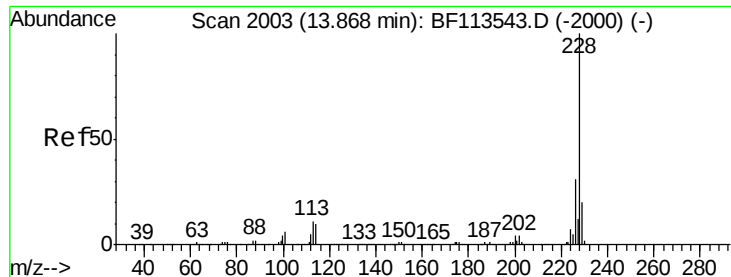
Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion:	252	Resp:	137764
Ion Ratio	Lower	Upper	
252	100		
254	64.1	52.2	78.2
126	9.8	8.5	12.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.992 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

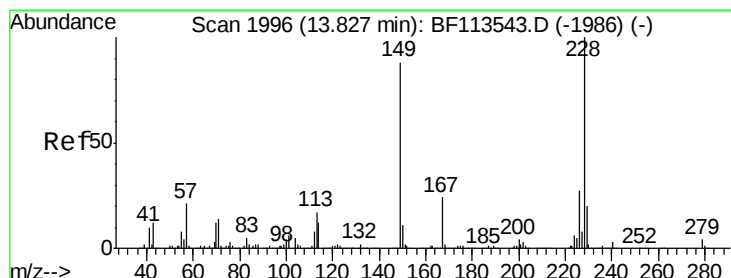
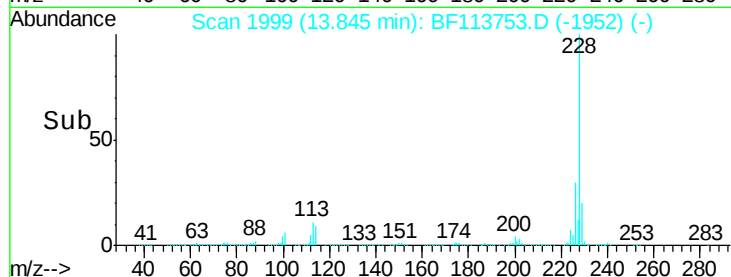
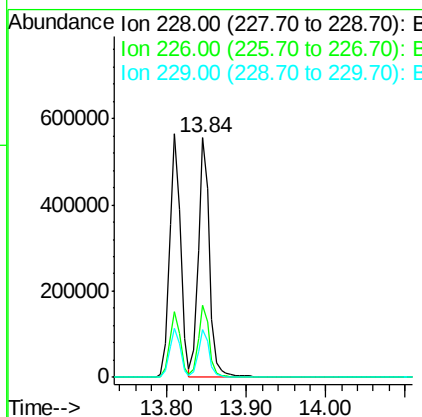
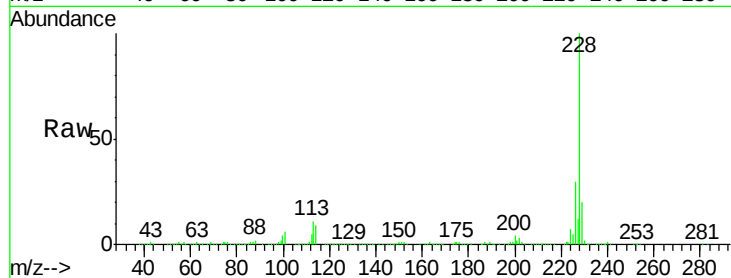
ClientSampleId :

P-1(0-10)MS

Tgt Ion:	228	Resp:	553327
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.3	36.5
229	20.2	16.3	24.5

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.240 ng

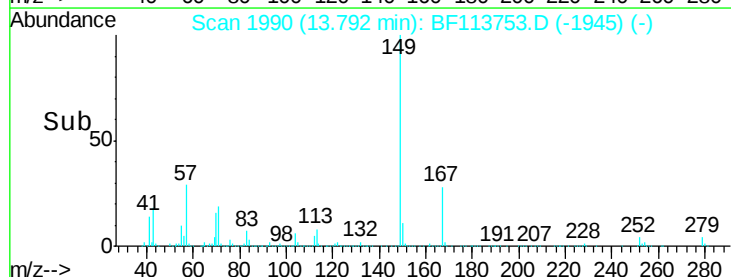
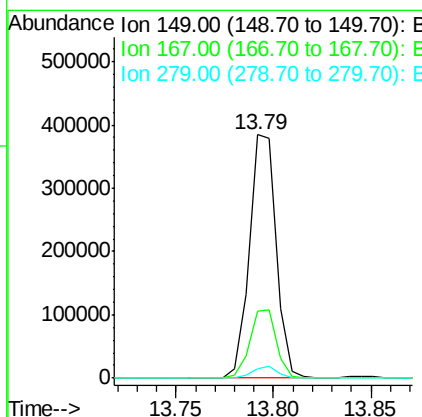
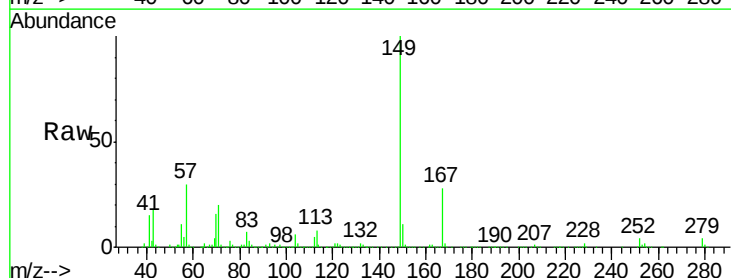
RT: 13.79 min Scan# 1990

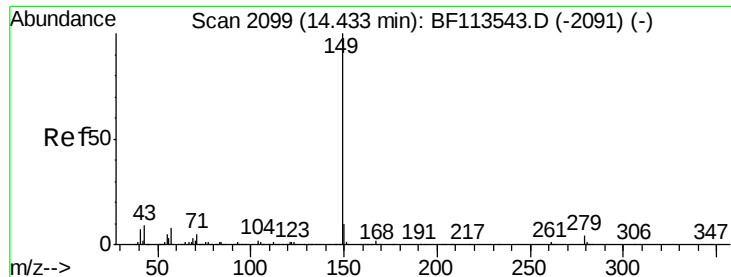
Delta R.T. -0.04 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion:	149	Resp:	365976
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.8	32.8
279	3.7	2.9	4.3





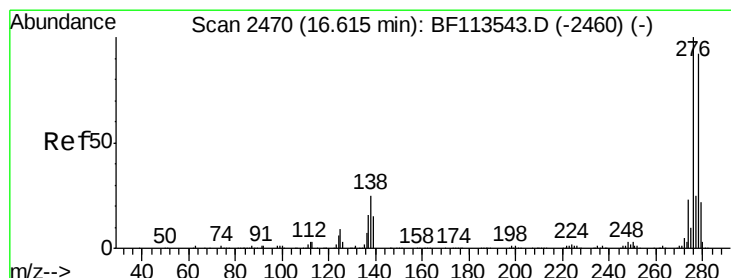
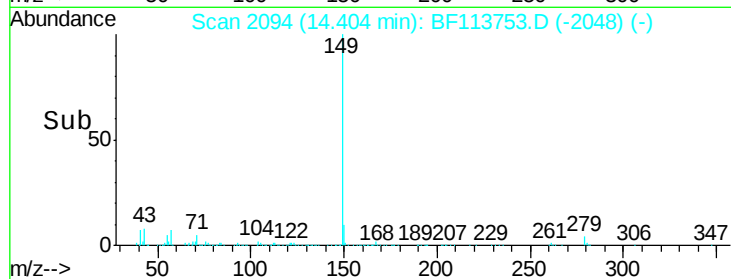
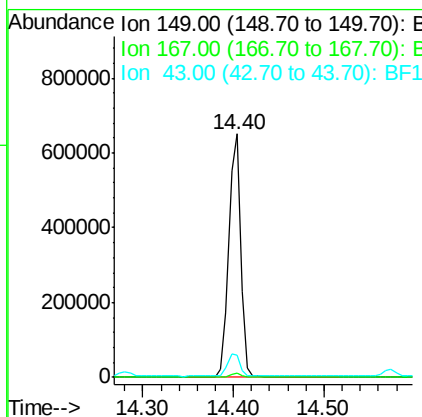
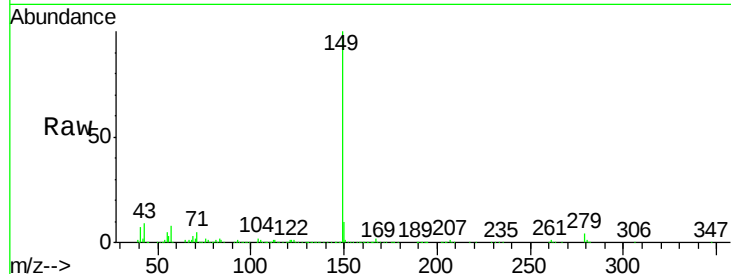
#85
Di-n-octyl phthalate
Concen: 38.697 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion:	149	Resp:	586661
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.6	7.7	11.5

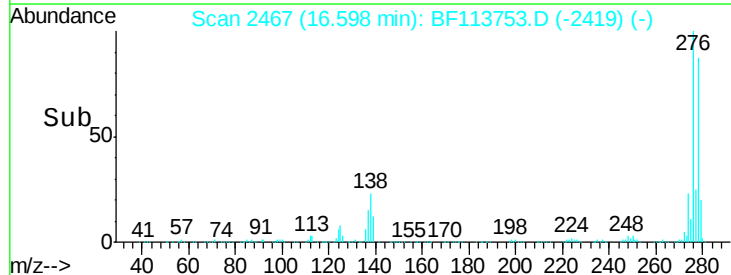
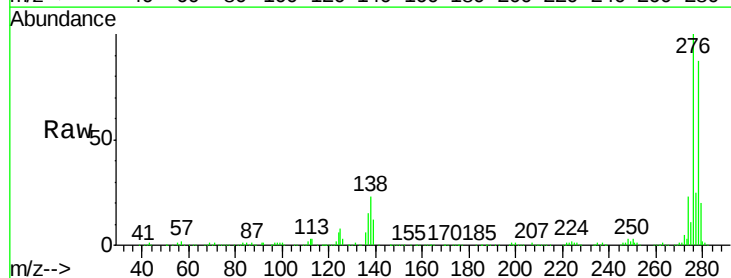
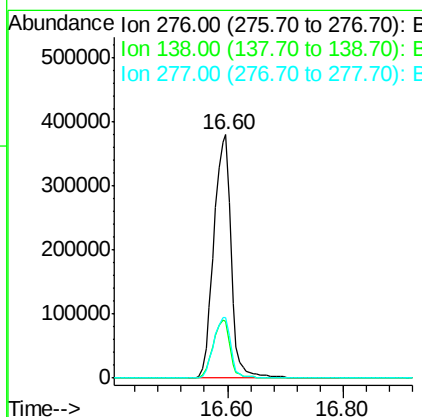
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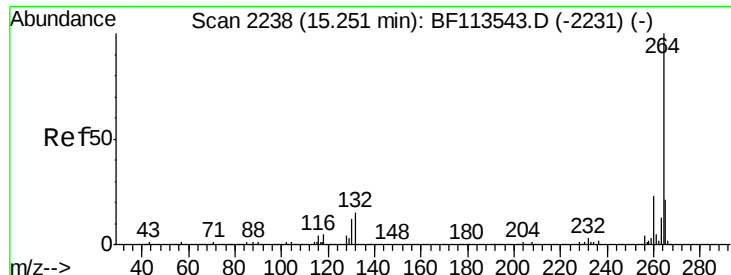
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#86
Indeno(1,2,3-cd)pyrene
Concen: 59.278 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion:	276	Resp:	797104
Ion Ratio	Lower	Upper	
276	100		
138	23.6	18.1	27.1
277	25.0	20.2	30.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Instrument :

BNA_F

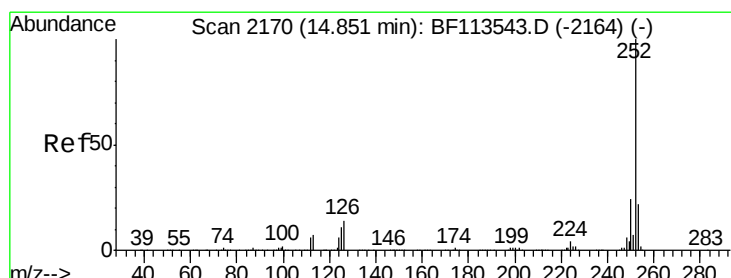
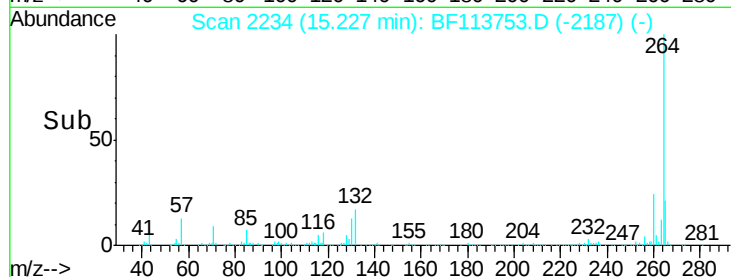
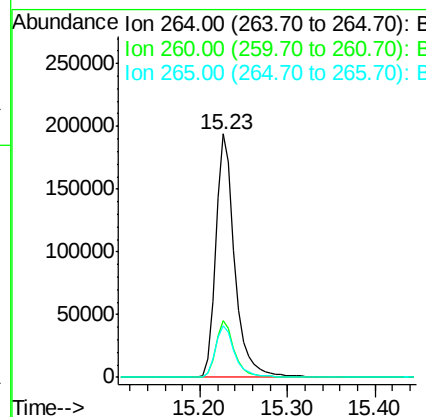
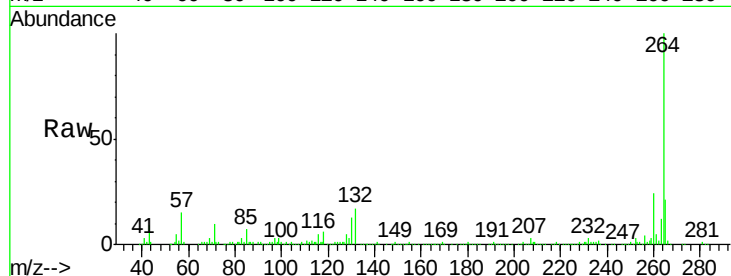
ClientSampleId :

P-1(0-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	290484		
260	23.5	19.1	28.7	
265	21.0	17.1	25.7	

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#88

Benzo(b)fluoranthene

Concen: 34.814 ng

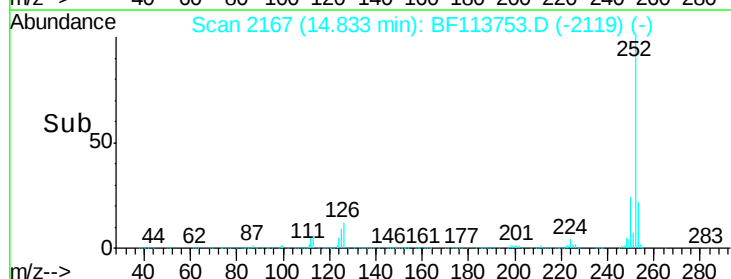
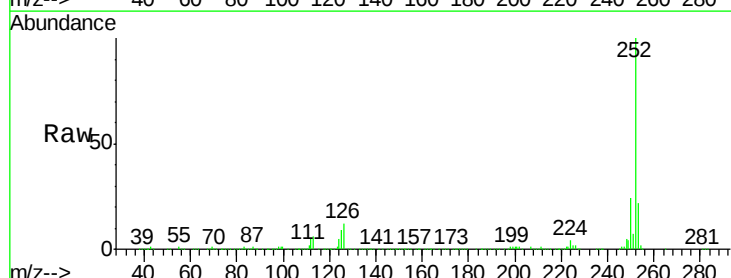
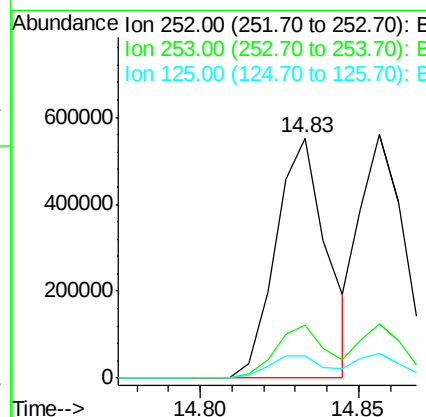
RT: 14.83 min Scan# 2167

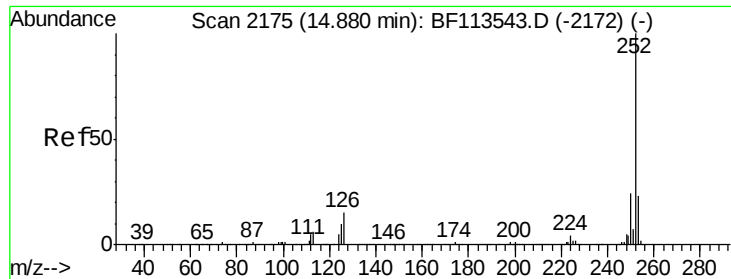
Delta R.T. -0.02 min

Lab File: BF113753.D

Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	619031		
253	22.2	18.0	27.0	
125	9.2	7.6	11.4	





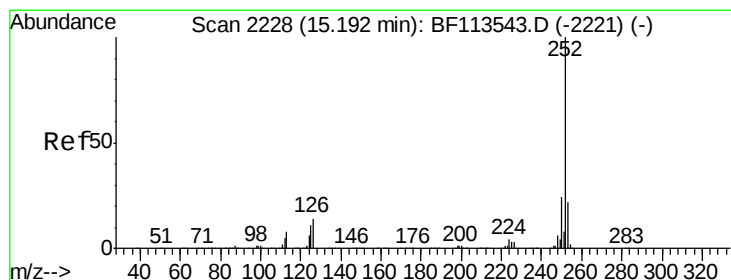
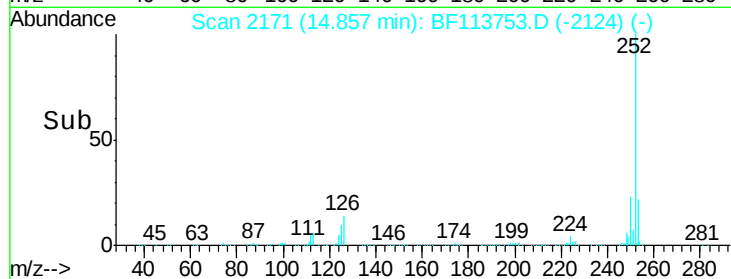
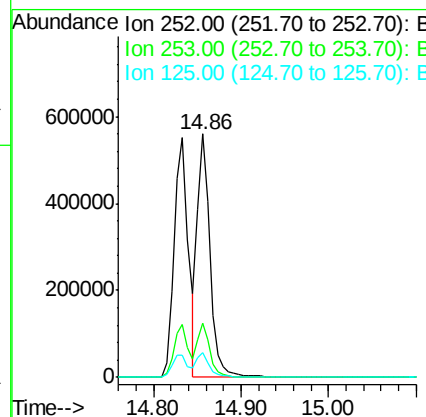
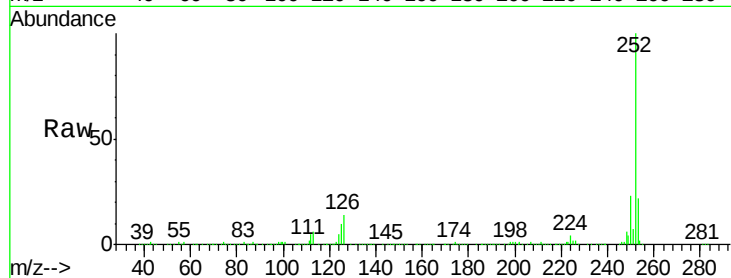
#89
Benzo(k)fluoranthene
Concen: 35.933 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.0	7.3	10.9

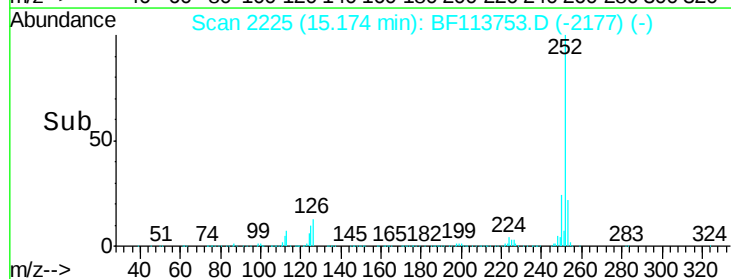
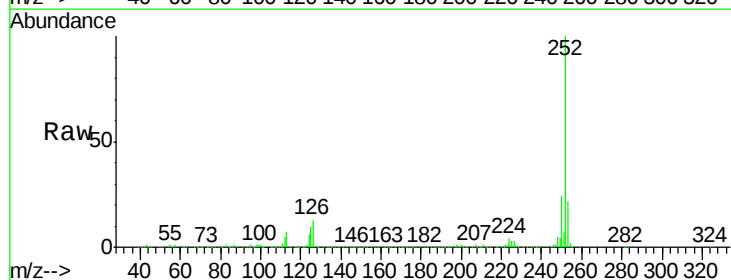
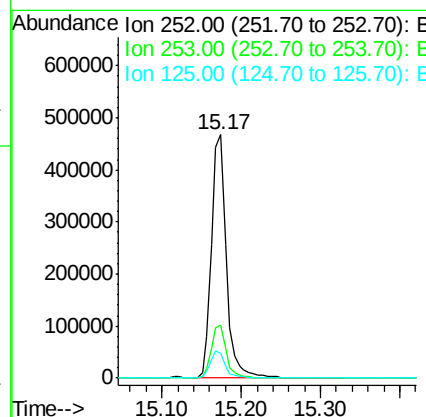
Manual Integrations
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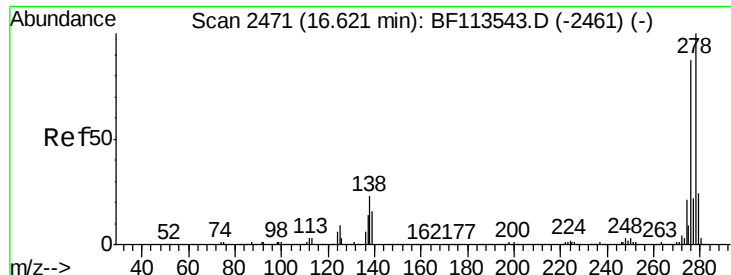
Sohil
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#90
Benzo(a)pyrene
Concen: 38.779 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.1	8.8	13.2





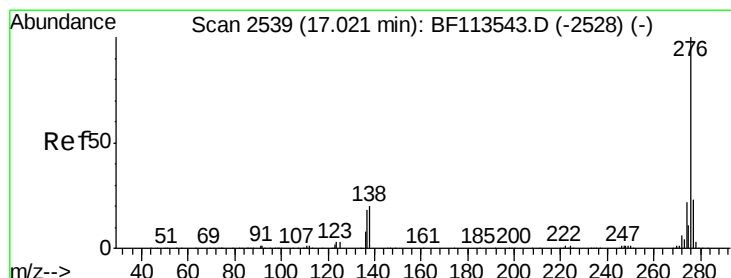
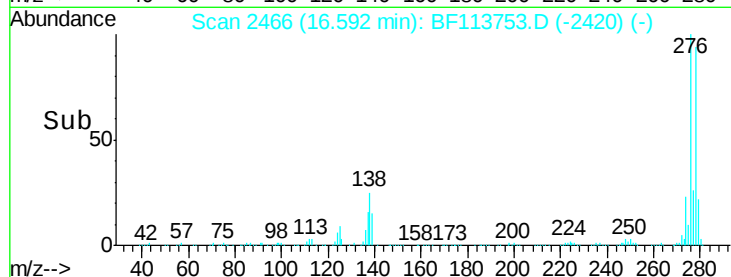
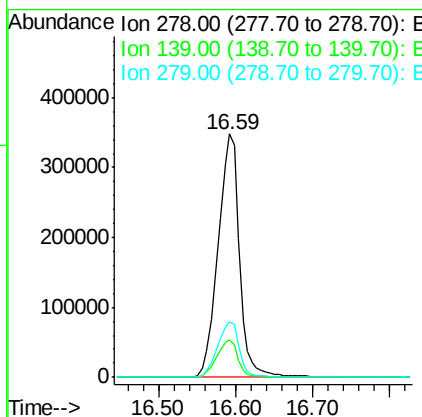
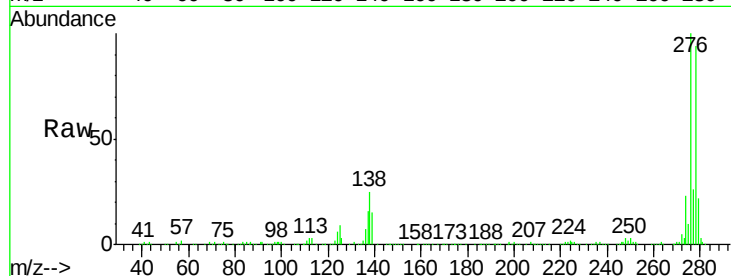
#91
Dibenzo(a,h)anthracene
Concen: 45.216 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.03 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.0	18.0
279	23.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/15/2019 12:27:26 AM



#92
Benzo(g,h,i)perylene
Concen: 46.331 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF113753.D
Acq: 12 Apr 2019 22:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	19.6	15.6	23.4

