

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113743.D
 Acq On : 12 Apr 2019 17:29
 Operator : JU/SJ
 Sample : K2355-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

Manual Integrations
 APPROVED

Sohil
 4/15/2019 12:27:29 AM

Quant Time: Apr 13 02:17:35 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	102757	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	387828	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	187818	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	382264	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	286629	20.00	ng	-0.02
87) Perylene-d12	15.23	264	325541	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	677534	112.44	ng	0.00
7) Phenol-d6	6.33	99	761572	102.54	ng	0.00
23) Nitrobenzene-d5	7.25	82	560986	84.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	287721	127.53	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1029606	88.25	ng	-0.02
79) Terphenyl-d14	12.77	244	1188470	84.42	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	101168	35.447	ng	96
3) Pyridine	3.13	79	197220	26.405	ng	96
4) n-Nitrosodimethylamine	3.01	42	114262	36.005	ng	93
6) Aniline	6.36	93	61941	6.880	ng	# 40
8) 2-Chlorophenol	6.47	128	285876	41.004	ng	97
9) Benzaldehyde	6.23	77	116843	26.458	ng	99
10) Phenol	6.35	94	263383	31.050	ng	# 74
11) bis(2-Chloroethyl)ether	6.41	93	284690	43.145	ng	98
12) 1,3-Dichlorobenzene	6.62	146	306478	40.819	ng	97
13) 1,4-Dichlorobenzene	6.69	146	313360	41.300	ng	98
14) 1,2-Dichlorobenzene	6.85	146	292785	42.751	ng	97
15) Benzyl Alcohol	6.83	79	187494	37.336	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	428444	41.715	ng	75
17) 2-Methylphenol	6.96	107	232118	42.961	ng	# 86
18) Hexachloroethane	7.18	117	109315	39.583	ng	93
19) n-Nitroso-di-n-propylamine	7.10	70	201374	43.970	ng	99
20) 3+4-Methylphenols	7.12	107	286320	43.735	ng	90
22) Acetophenone	7.09	105	398718	46.809	ng	# 97
24) Nitrobenzene	7.26	77	298000	43.704	ng	99
25) Isophorone	7.50	82	537598	42.150	ng	99
26) 2-Nitrophenol	7.58	139	155200	42.292	ng	94
27) 2,4-Dimethylphenol	7.63	122	254884	48.583	ng	100
28) bis(2-Chloroethoxy)methane	7.71	93	345992	42.907	ng	100
29) 2,4-Dichlorophenol	7.85	162	253622	45.183	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	264505	43.392	ng	97
31) Naphthalene	7.97	128	851097	45.292	ng	99
32) Benzoic acid	7.78	122	86508	21.294	ng	97
33) 4-Chloroaniline	8.07	127	31825	4.271	ng	98
34) Hexachlorobutadiene	8.09	225	156879	42.213	ng	99
35) Caprolactam	8.41	113	50555m	28.372	ng	
36) 4-Chloro-3-methylphenol	8.54	107	246666	43.775	ng	98
37) 2-Methylnaphthalene	8.67	142	562555	45.518	ng	99
38) 1-Methylnaphthalene	8.77	142	536477	45.017	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	271649	44.722	ng	99

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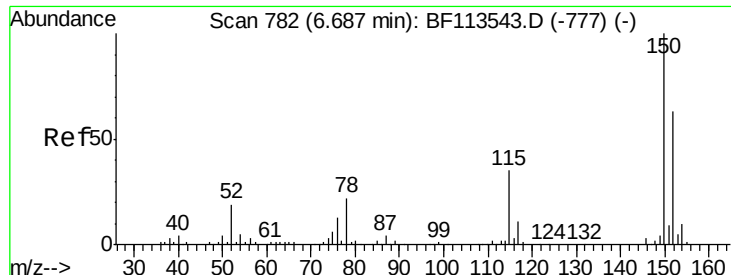
Manual Integrations
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 4/15/2019 12:27:29 AM

Quant Time: Apr 13 02:17:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	130840	64.659	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	169860	44.301	ng	97
44) 2,4,5-Trichlorophenol	9.02	196	173022	42.033	ng	99
46) 1,1'-Biphenyl	9.13	154	699859	45.157	ng	99
47) 2-Chloronaphthalene	9.16	162	523069	44.575	ng	98
48) 2-Nitroaniline	9.26	65	159500	44.421	ng	97
49) Acenaphthylene	9.57	152	841321	44.091	ng	99
50) Dimethylphthalate	9.43	163	604047	43.630	ng	99
51) 2,6-Dinitrotoluene	9.50	165	133859	43.863	ng	94
52) Acenaphthene	9.74	154	494272	45.251	ng	100
53) 3-Nitroaniline	9.69	138	28752	8.287	ng	98
54) 2,4-Dinitrophenol	9.80	184	89731	62.848	ng	90
55) Dibenzofuran	9.91	168	743073	46.376	ng	99
56) 4-Nitrophenol	9.88	139	66711	30.995	ng	91
57) 2,4-Dinitrotoluene	9.92	165	174266	47.215	ng	93
58) Fluorene	10.25	166	589219	46.495	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	163611	45.919	ng	98
60) Diethylphthalate	10.13	149	606814	45.460	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	292664	46.952	ng	93
62) 4-Nitroaniline	10.29	138	131575	37.292	ng	99
63) Azobenzene	10.40	77	556340	44.019	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	67659	33.620	ng	96
66) n-Nitrosodiphenylamine	10.36	169	527997	44.992	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	187204	43.665	ng	93
68) Hexachlorobenzene	10.81	284	214759	43.718	ng	98
69) Atrazine	10.90	200	160758	43.461	ng	96
70) Pentachlorophenol	11.01	266	130482	56.369	ng	98
71) Phenanthrene	11.21	178	843827	44.424	ng	99
72) Anthracene	11.26	178	900728	46.607	ng	100
73) Carbazole	11.43	167	834902	46.190	ng	99
74) Di-n-butylphthalate	11.74	149	962799	44.777	ng	100
75) Fluoranthene	12.40	202	923255	45.359	ng	99
77) Benzidine	12.53	184	141475	13.273	ng	97
78) Pyrene	12.63	202	917720	42.079	ng	99
80) Butylbenzylphthalate	13.24	149	391669	44.118	ng	96
81) Benzo(a)anthracene	13.81	228	709027	42.882	ng	100
82) 3,3'-Dichlorobenzidine	13.77	252	116139	18.237	ng	99
83) Chrysene	13.85	228	741427	44.235	ng	100
84) Bis(2-ethylhexyl)phthalate	13.80	149	518659	48.321	ng	99
85) Di-n-octyl phthalate	14.40	149	855095	49.010	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	993119	64.175	ng	99
88) Benzo(b)fluoranthene	14.83	252	759702	38.124	ng	99
89) Benzo(k)fluoranthene	14.86	252	783858	43.830	ng	100
90) Benzo(a)pyrene	15.17	252	794154	44.849	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	840381	50.751	ng	100
92) Benzo(g,h,i)perylene	17.00	276	873556	51.685	ng	98

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



#1

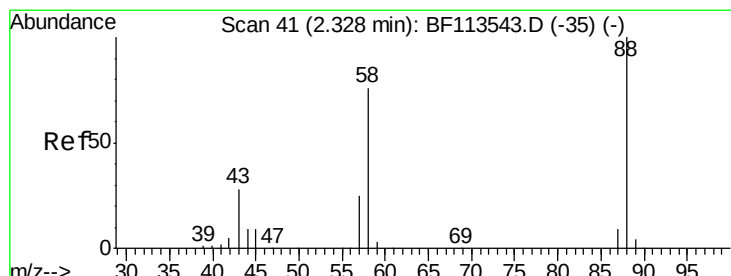
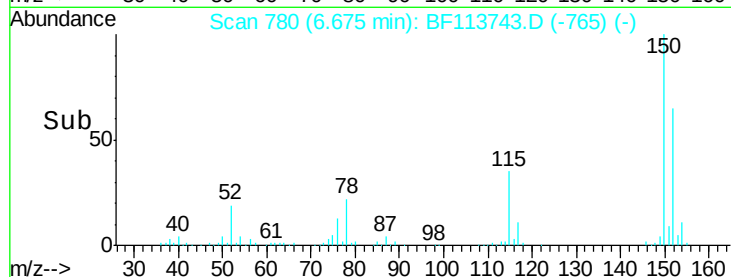
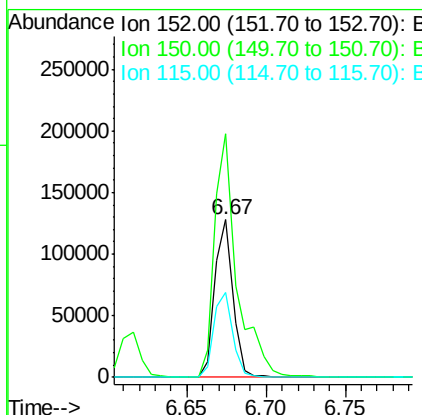
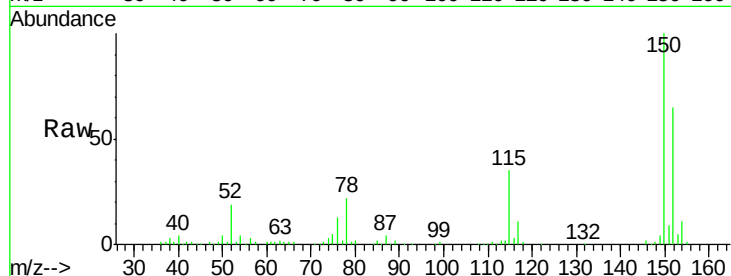
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampled :
TP-9-SMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	53.8	46.0	69.0

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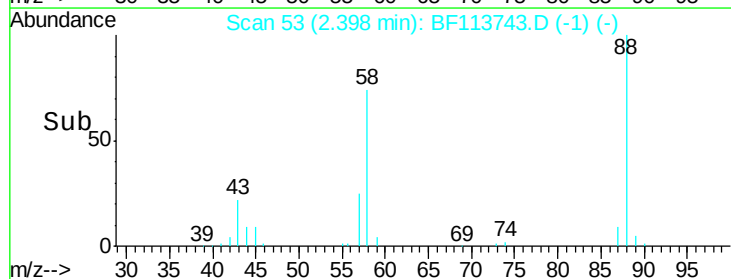
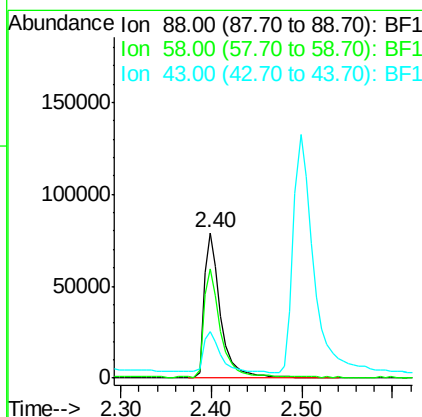
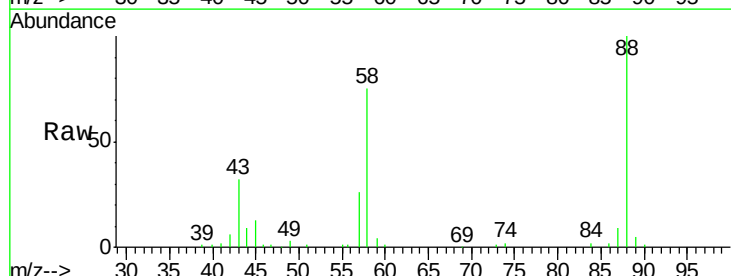
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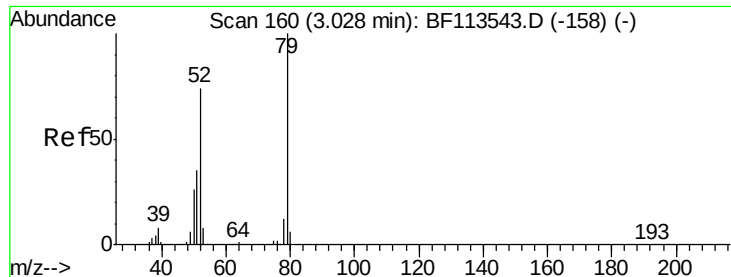


#2

1,4-Dioxane
Concen: 35.447 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.07 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	61.9	92.9
43	27.9	24.2	36.4





#3

Pyridine

Concen: 26.405 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.10 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

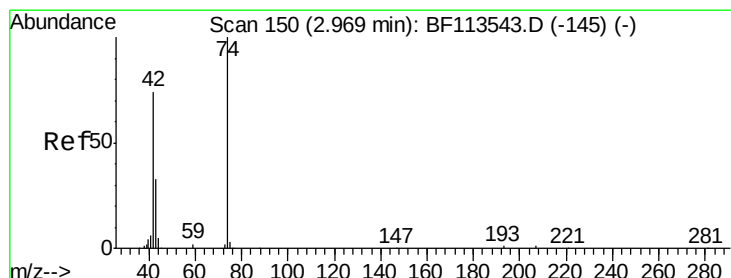
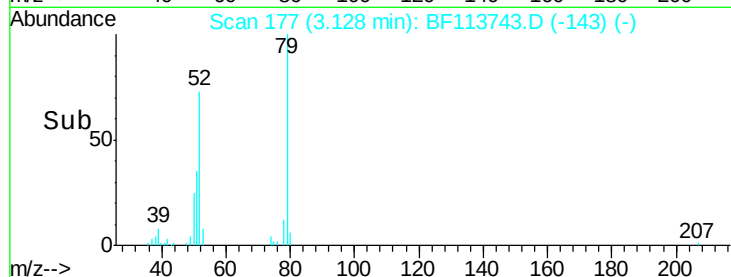
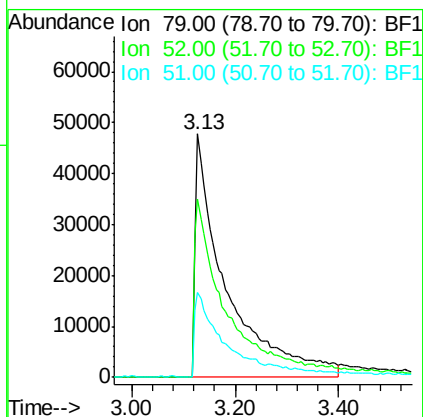
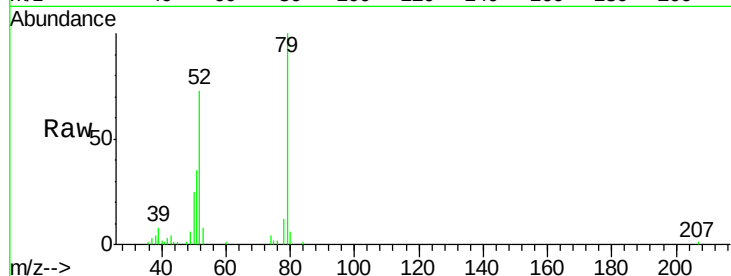
ClientSampleId :

TP-9-SMSD

Tgt Ion:	79	Resp:	197220
Ion	Ratio	Lower	Upper
79	100		
52	73.5	61.0	91.4
51	35.1	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.005 ng

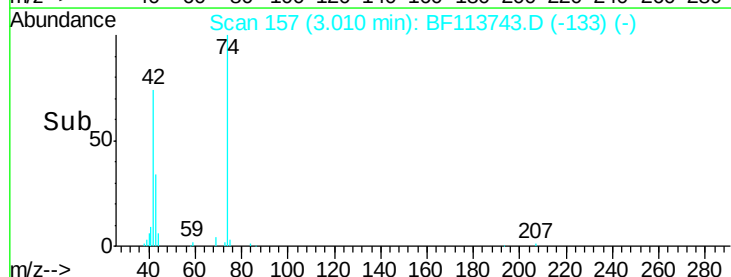
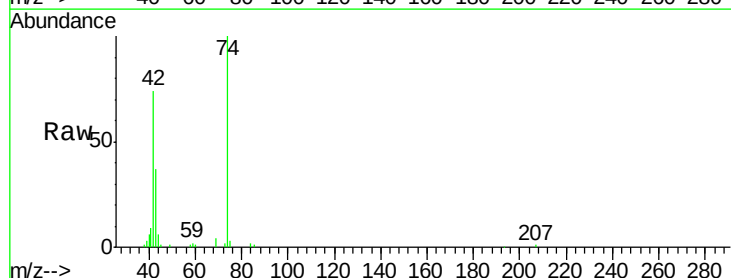
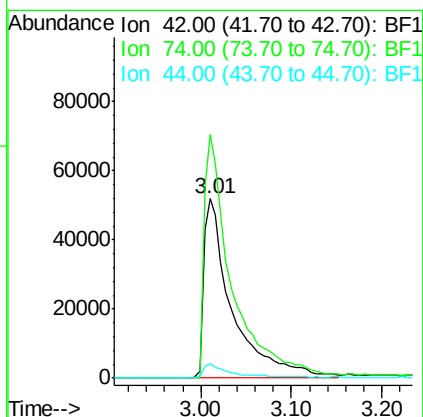
RT: 3.01 min Scan# 157

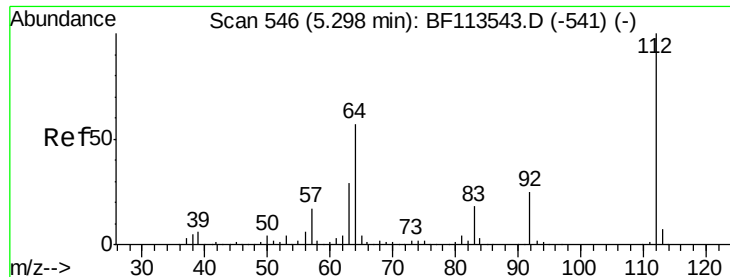
Delta R.T. 0.04 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	42	Resp:	114262
Ion	Ratio	Lower	Upper
42	100		
74	135.9	102.4	153.6
44	8.2	5.5	8.3





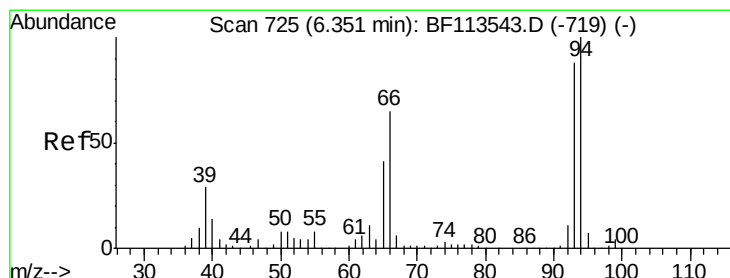
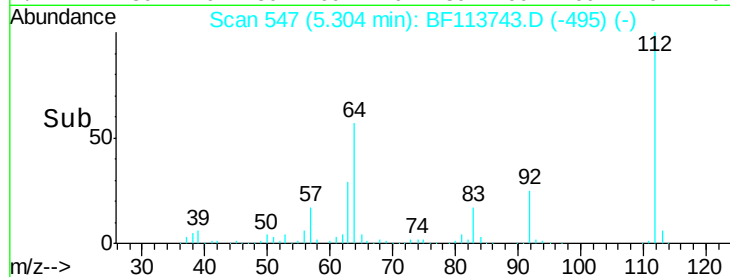
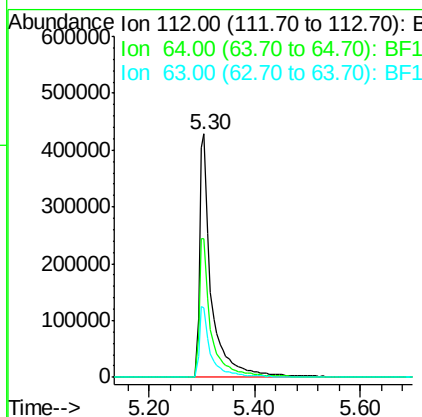
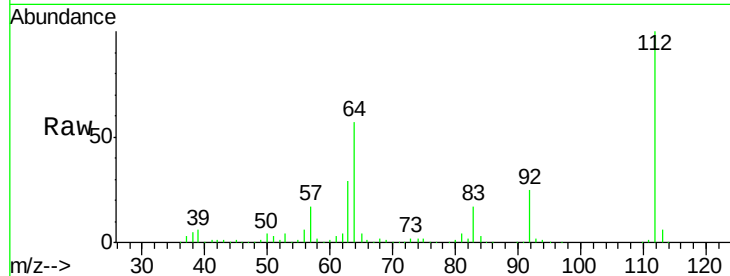
#5
2-Fluorophenol
Concen: 112.435 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampled :
TP-9-SMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	56.9	49.2	73.8
63	28.6	24.9	37.3

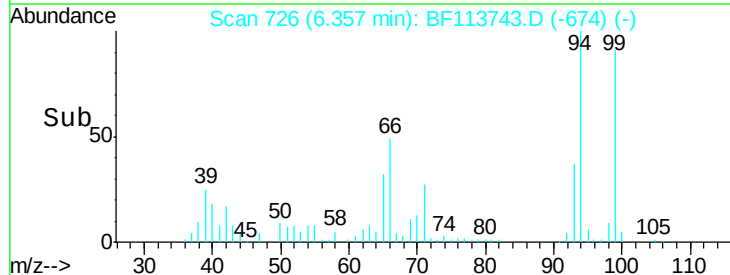
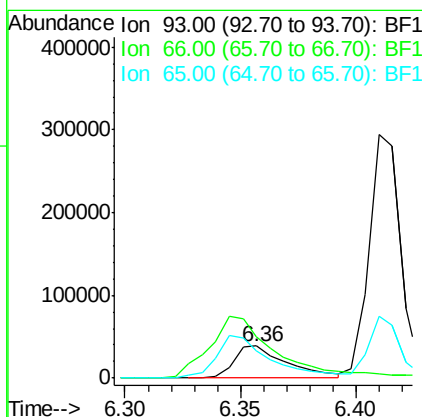
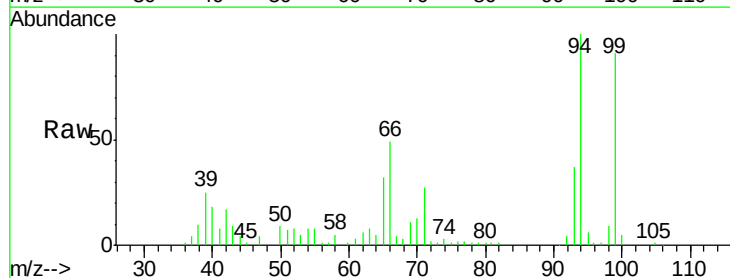
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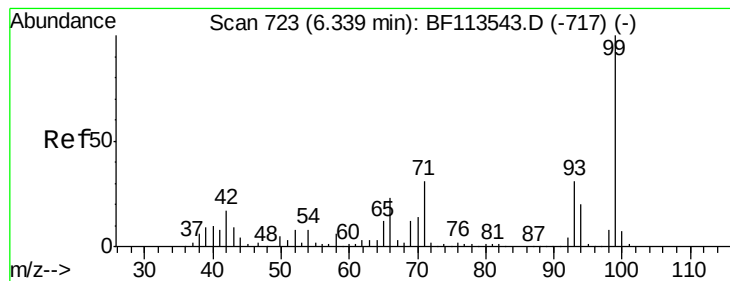
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#6
Aniline
Concen: 6.880 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	132.1	62.1	93.1#
65	85.4	38.7	58.1#





#7

Phenol-d6

Concen: 102.540 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

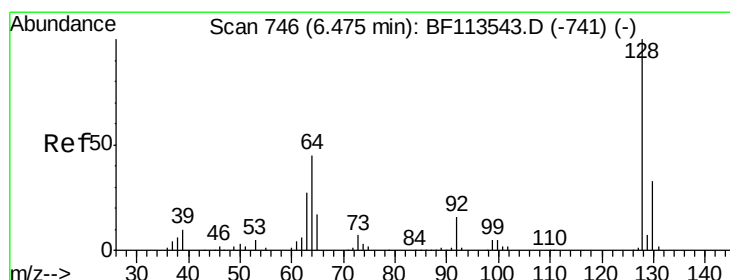
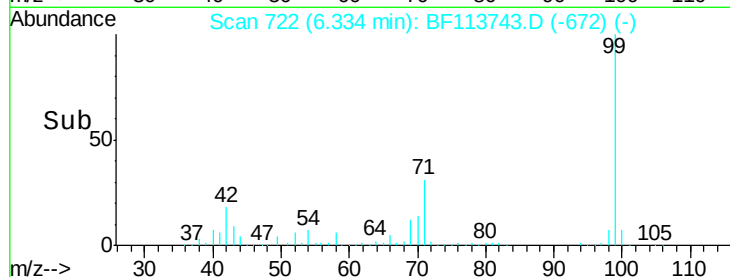
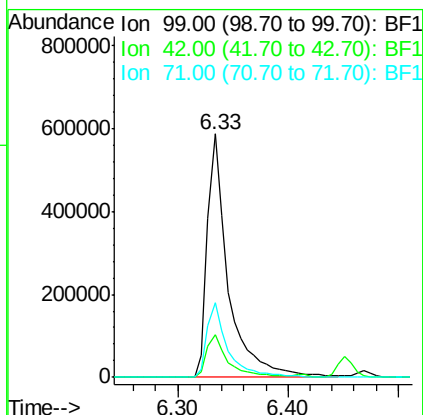
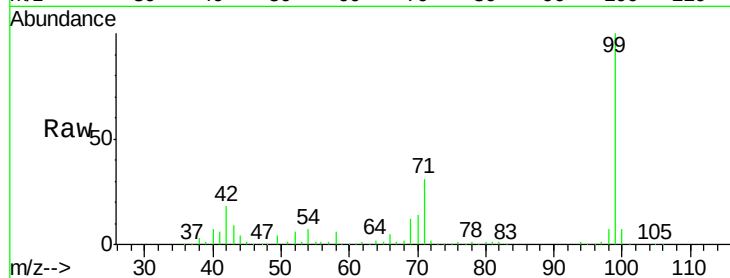
ClientSampleId :

TP-9-SMSD

Tgt Ion:	99	Resp:	761572
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.8	22.2
71	30.9	24.9	37.3

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#8

2-Chlorophenol

Concen: 41.004 ng

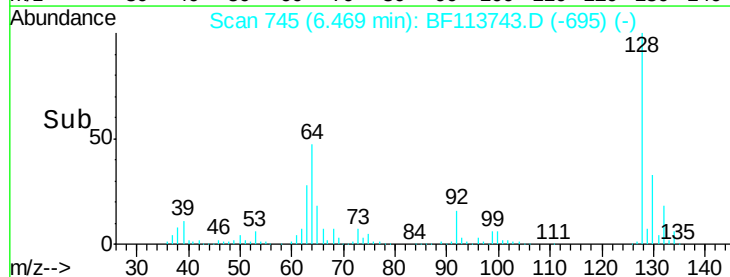
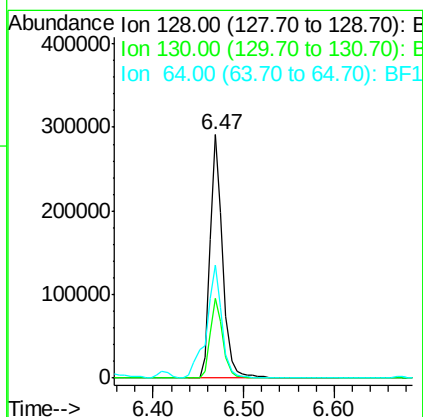
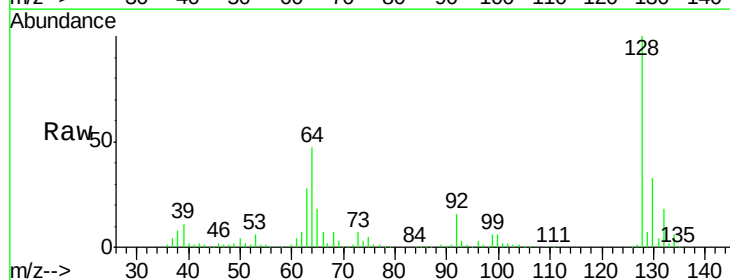
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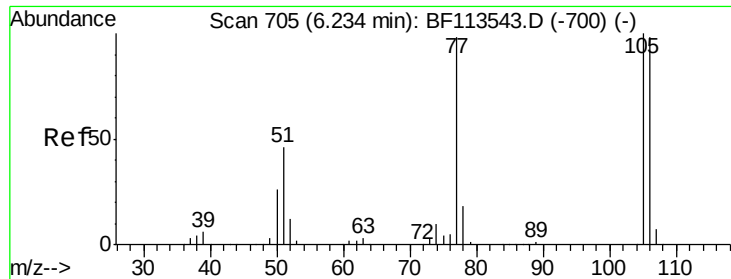
Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	128	Resp:	285876
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.6	52.6
64	46.6	29.4	69.4





#9

Benzaldehyde

Concen: 26.458 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

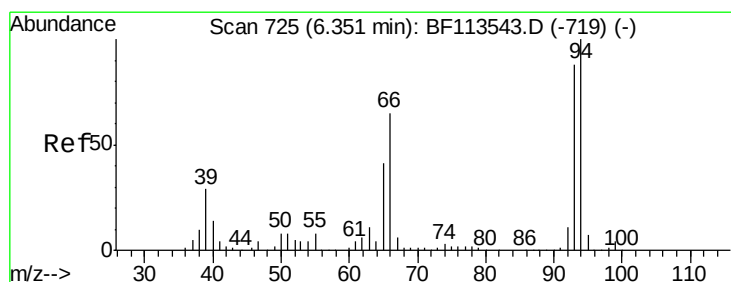
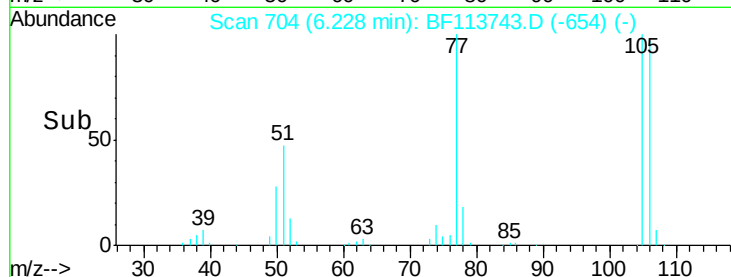
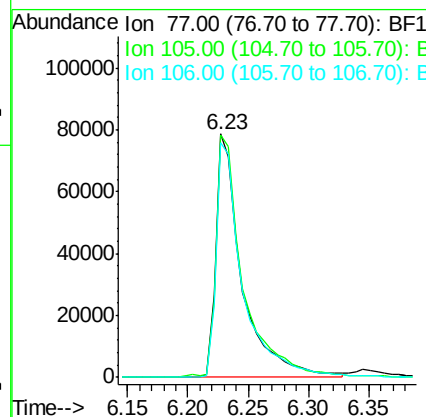
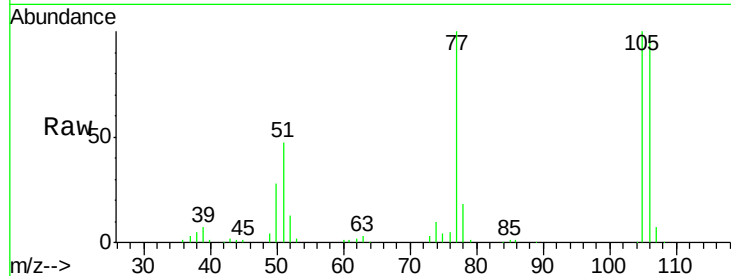
ClientSampled :

TP-9-SMSD

Tgt Ion:	77	Resp:	116843
Ion	Ratio	Lower	Upper
77	100		
105	99.7	80.9	120.9
106	96.6	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 31.050 ng

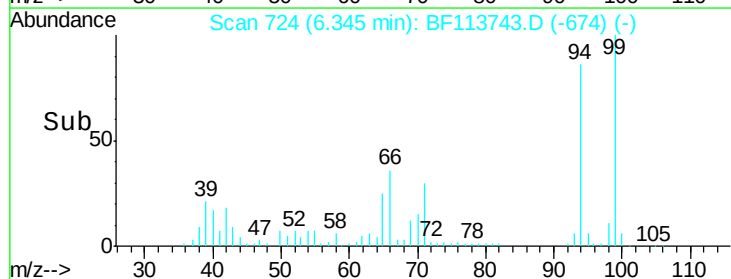
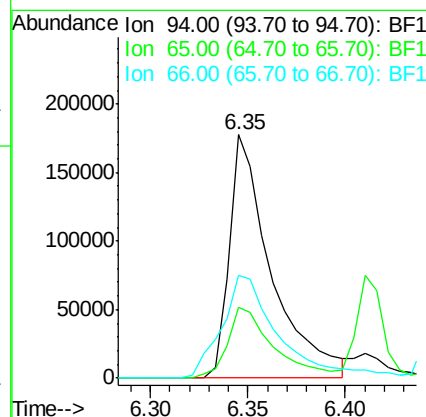
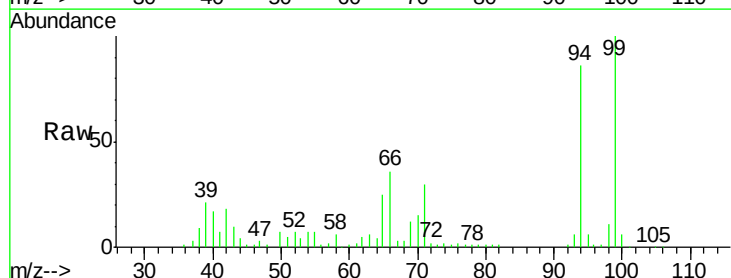
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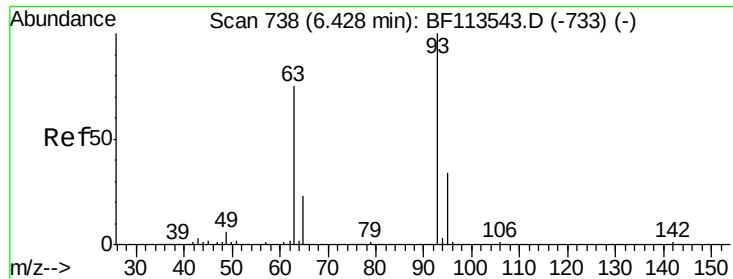
Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	94	Resp:	263383
Ion	Ratio	Lower	Upper
94	100		
65	29.0	21.4	61.4
66	42.1	46.4	86.4#





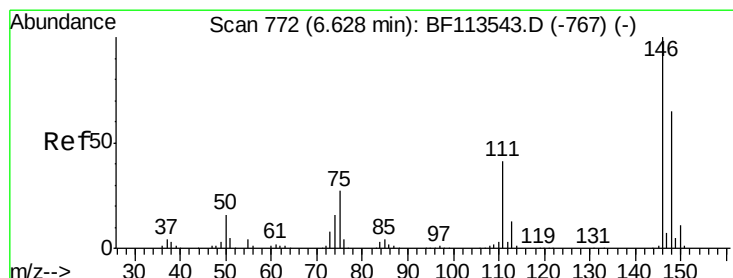
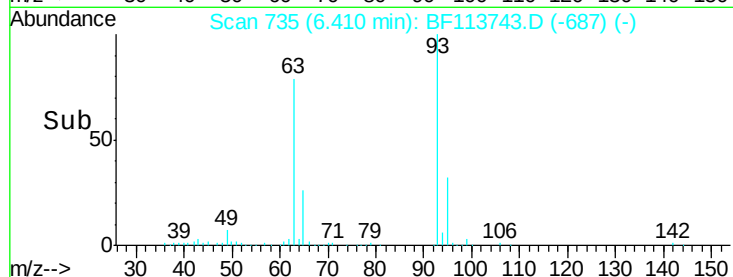
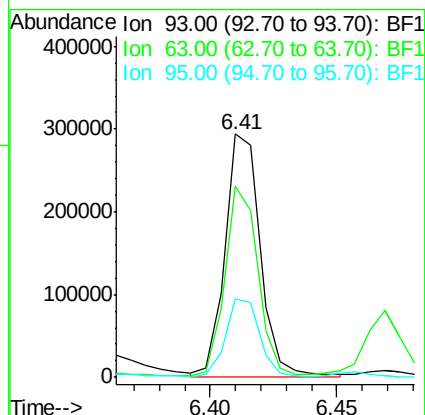
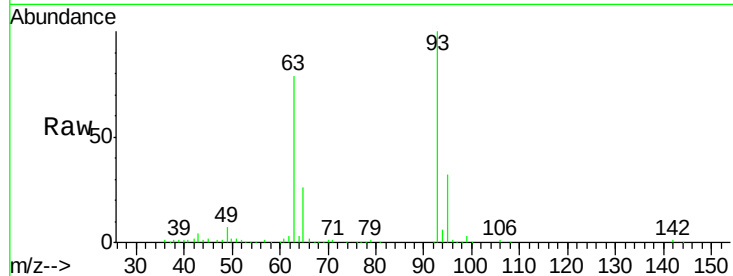
#11
bis(2-Chloroethyl)ether
Concen: 43.145 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.6	56.1	96.1
95	32.0	12.8	52.8

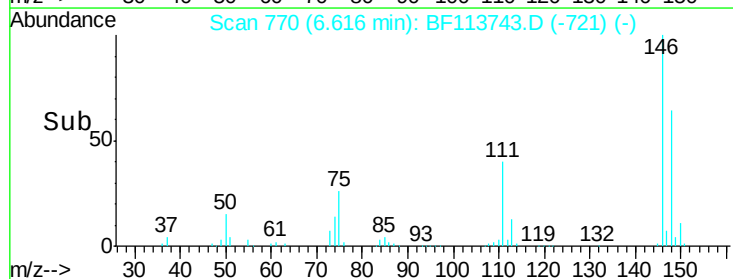
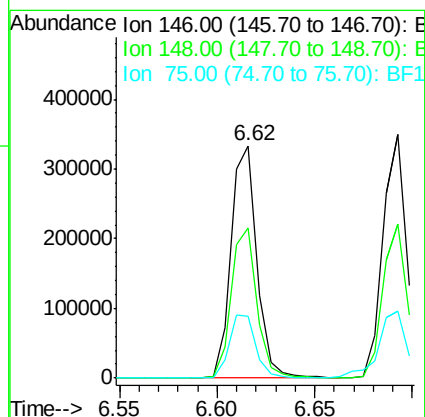
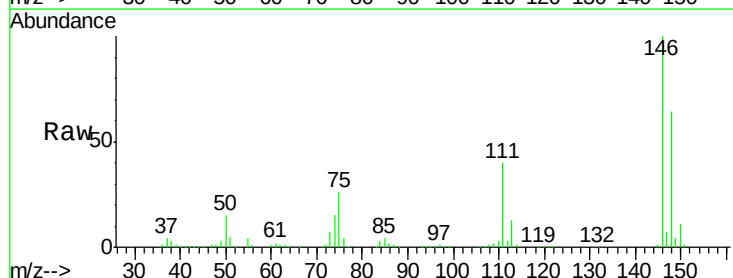
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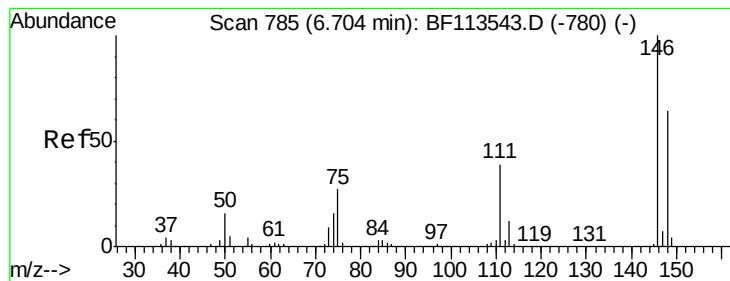
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.819 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	26.4	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 41.300 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

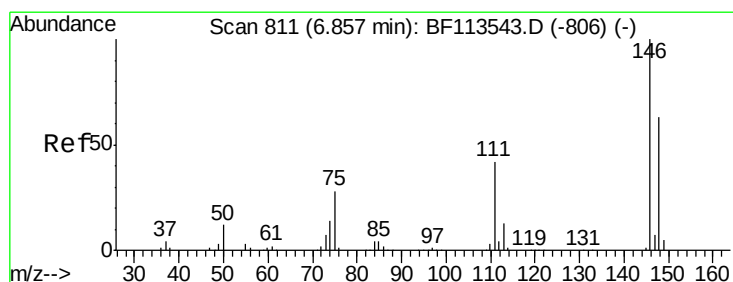
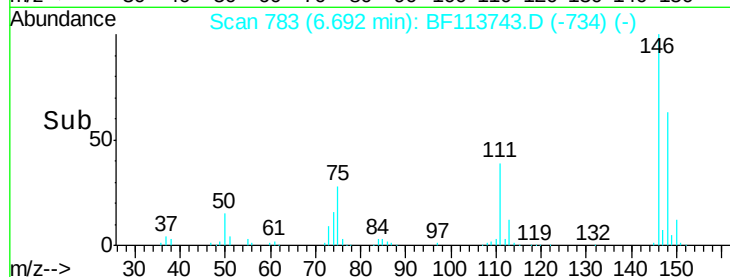
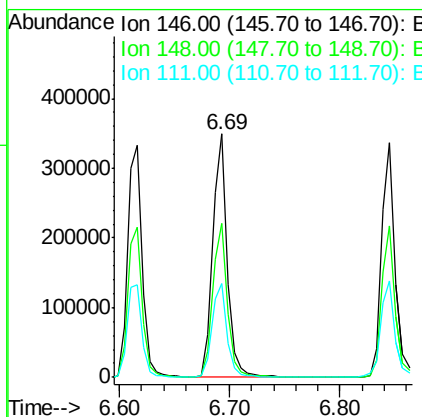
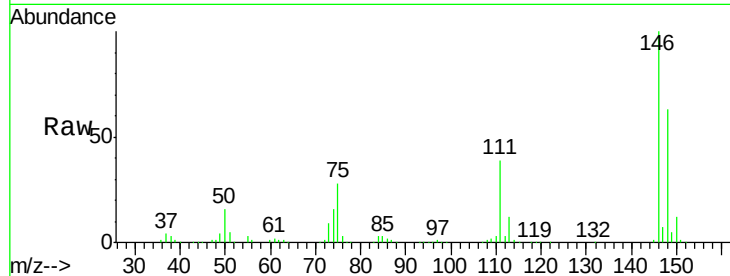
ClientSampleId :

TP-9-SMSD

Tgt Ion:	146	Resp:	313360
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.1	76.7
111	38.7	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 42.751 ng

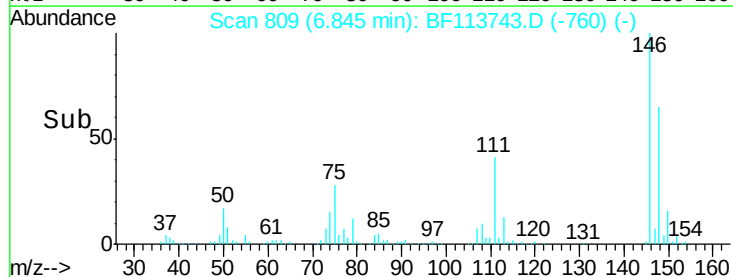
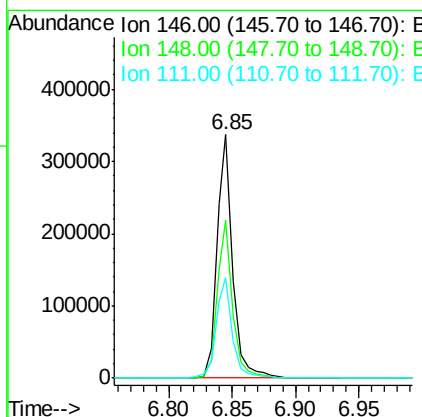
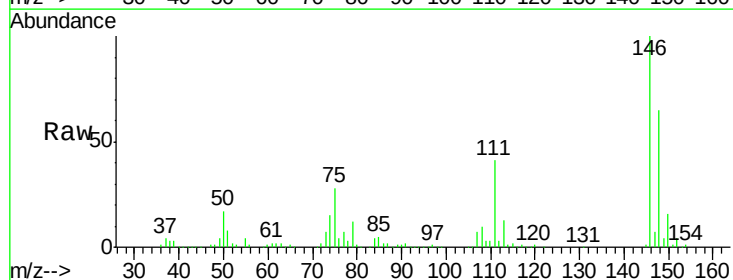
RT: 6.85 min Scan# 809

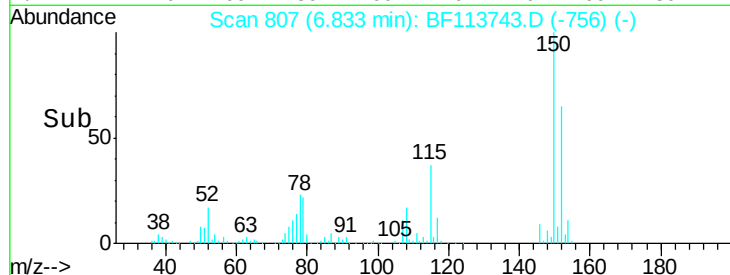
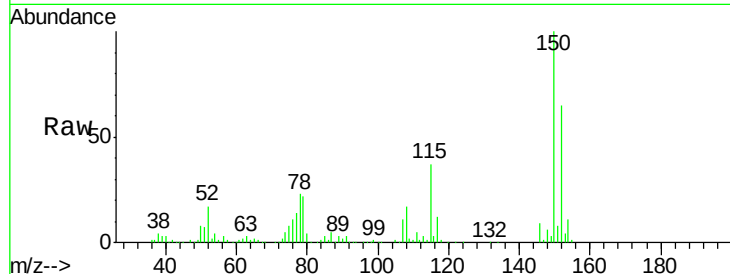
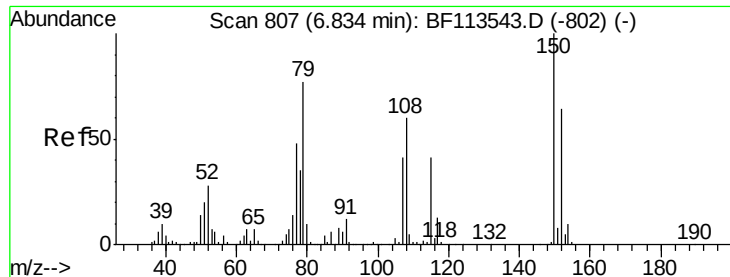
Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	146	Resp:	292785
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.2	75.4
111	41.0	35.4	53.2





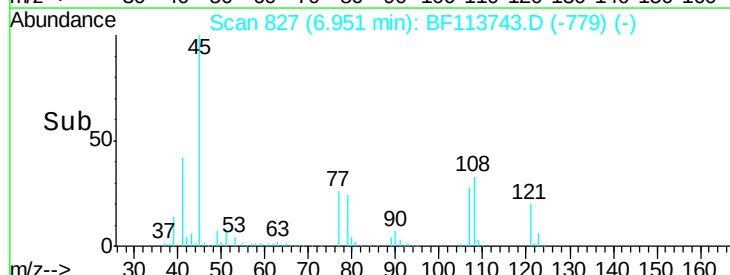
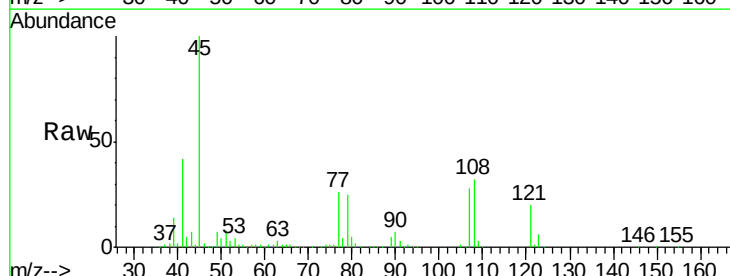
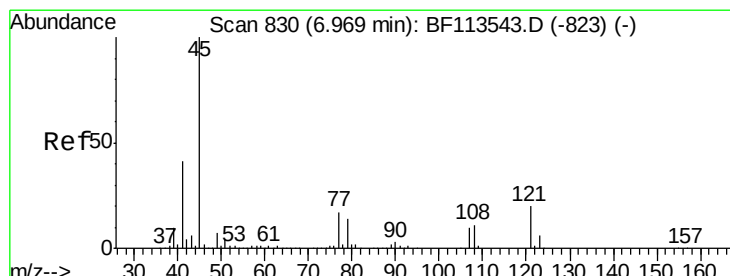
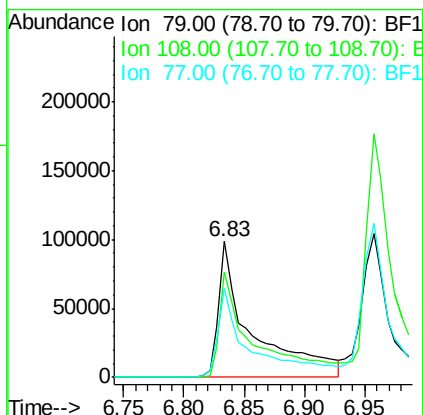
#15
Benzyl Alcohol
Concen: 37.336 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.5	62.0	93.0
77	65.1	49.9	74.9

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

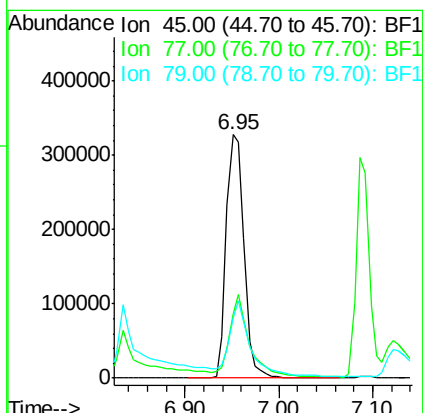
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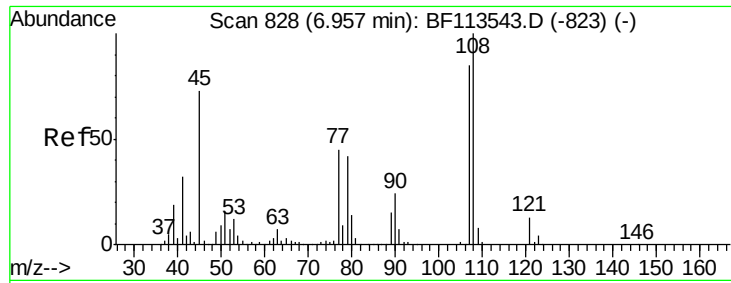
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.715 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.5	0.0	36.6
79	24.8	0.0	34.0





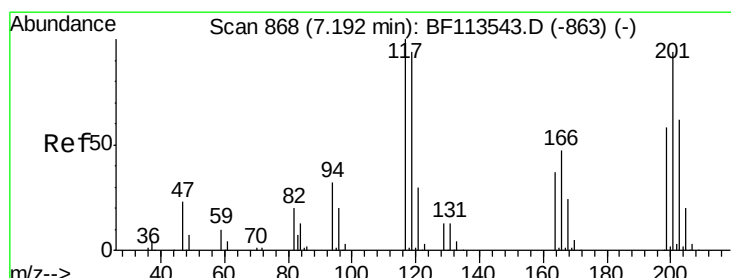
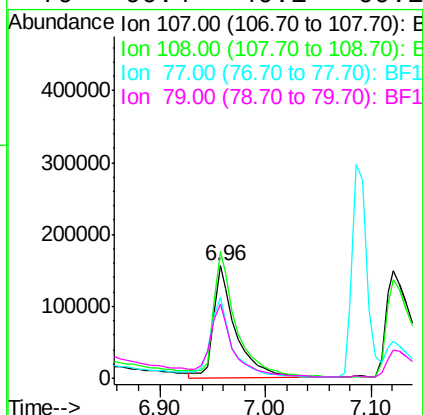
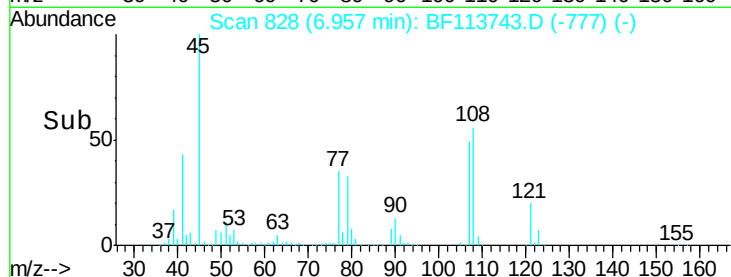
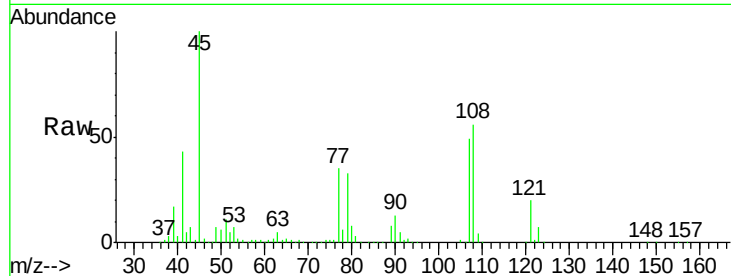
#17
2-Methylphenol
Concen: 42.961 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampled :
TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	232118		
108	113.0	93.4	140.0	
77	71.4	41.2	61.8#	
79	66.4	40.1	60.1#	

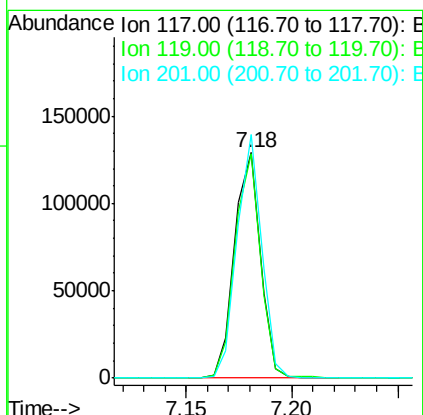
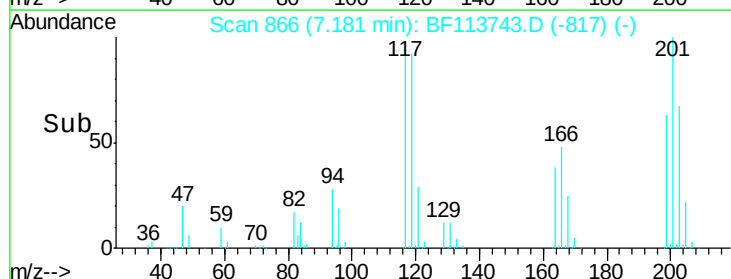
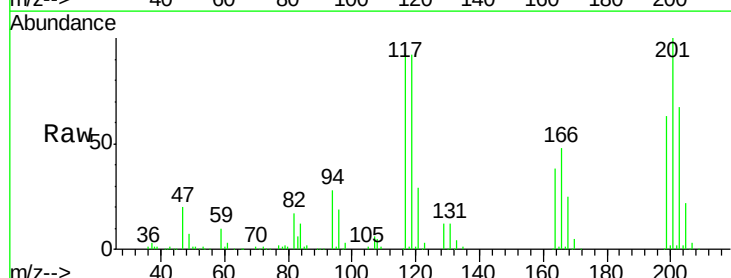
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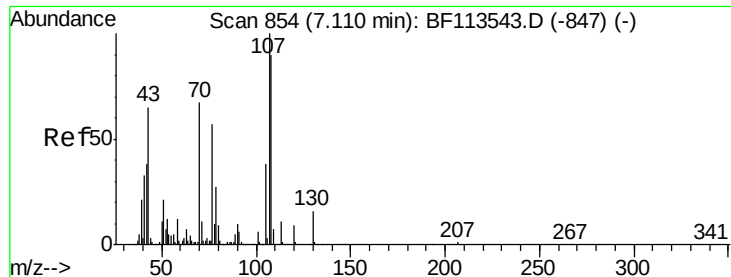
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#18
Hexachloroethane
Concen: 39.583 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	109315		
119	99.8	76.9	115.3	
201	108.0	78.7	118.1	





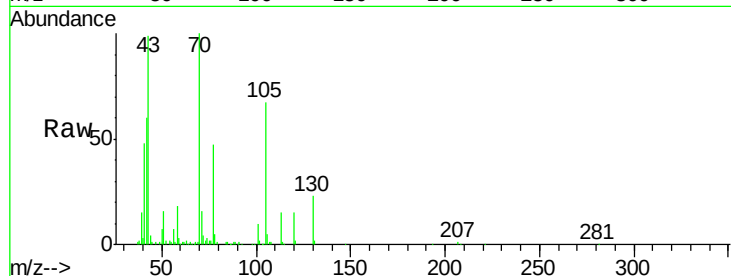
#19
n-Nitroso-di-n-propylamine
Concen: 43.970 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.7	48.4	72.6
101	10.0	7.8	11.8
130	23.0	18.2	27.4

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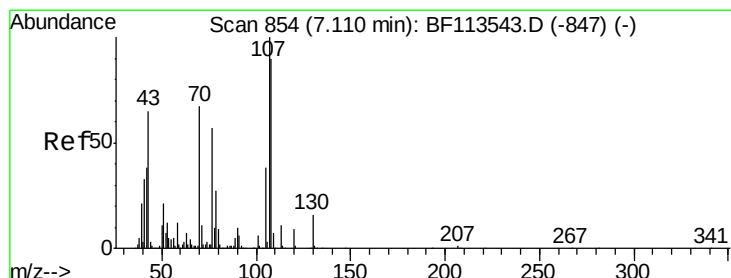
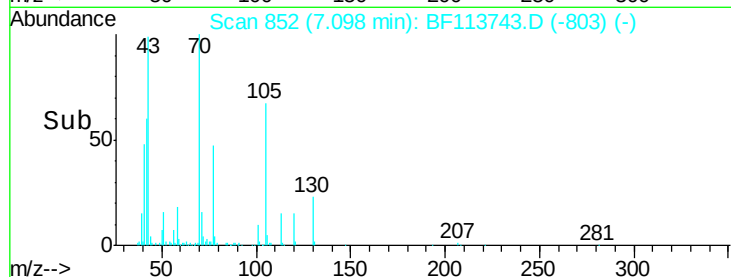
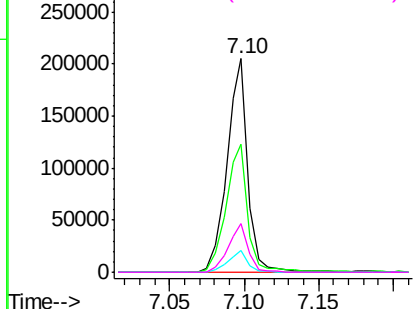
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 43.735 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.4	111.4
77	33.8	33.5	73.5
79	25.5	8.3	48.3

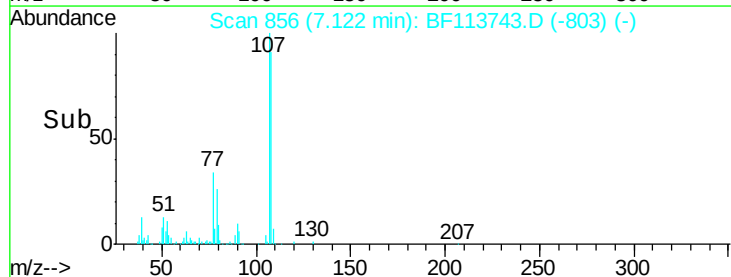
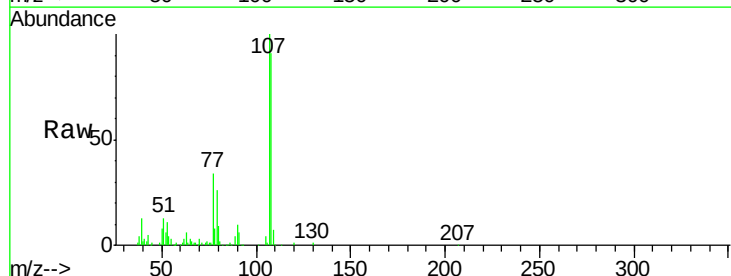
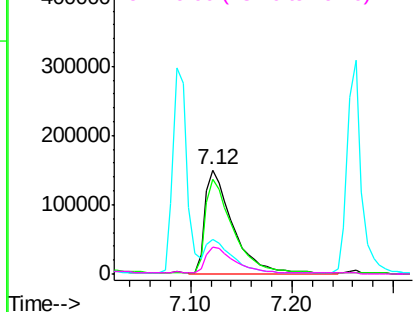
Abundance

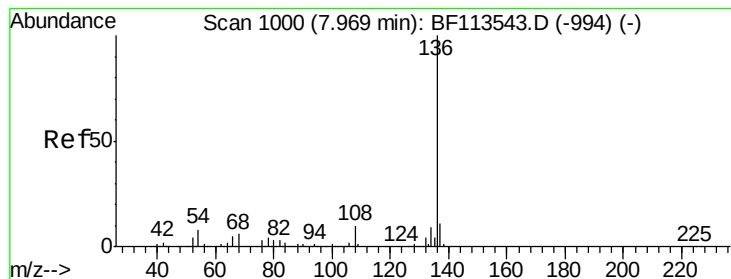
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





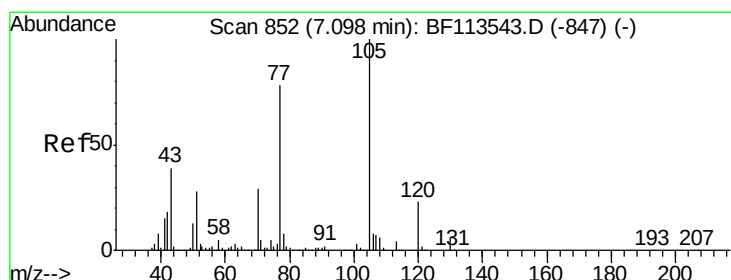
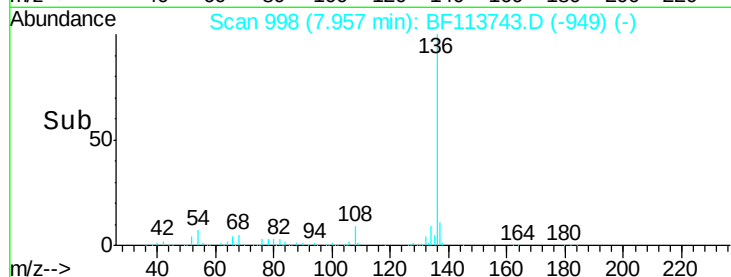
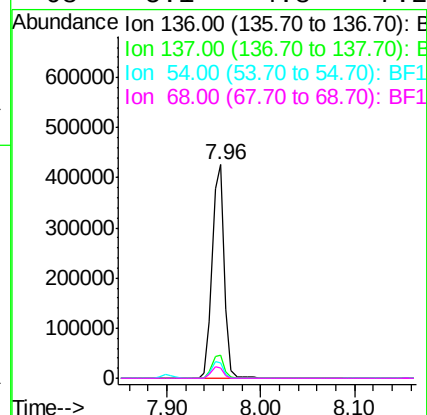
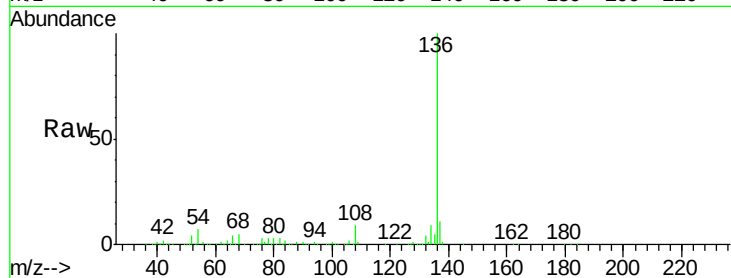
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	387828		
137	10.7	8.9	13.3	
54	7.1	7.0	10.6	
68	5.1	4.8	7.2	

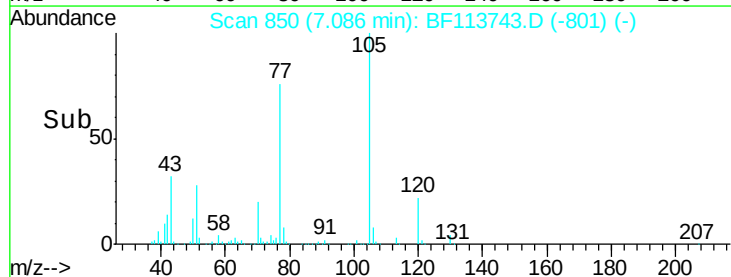
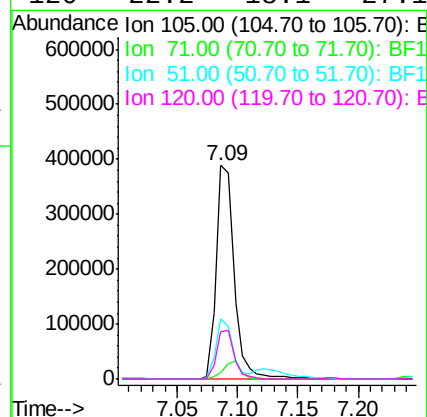
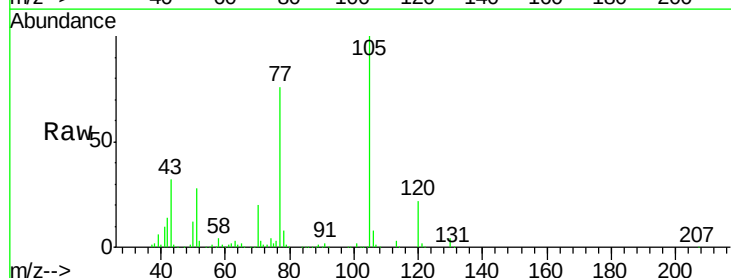
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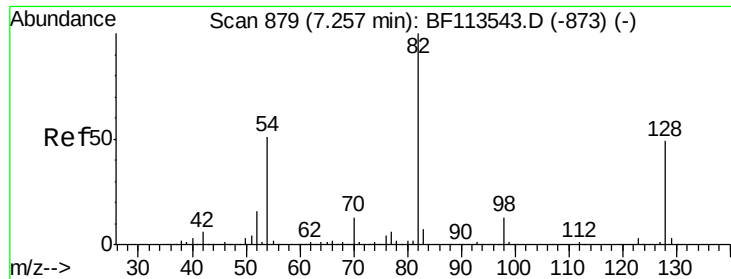
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#22
Acetophenone
Concen: 46.809 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	398718		
71	3.3	3.3	4.9#	
51	28.0	24.2	36.2	
120	22.2	18.1	27.1	





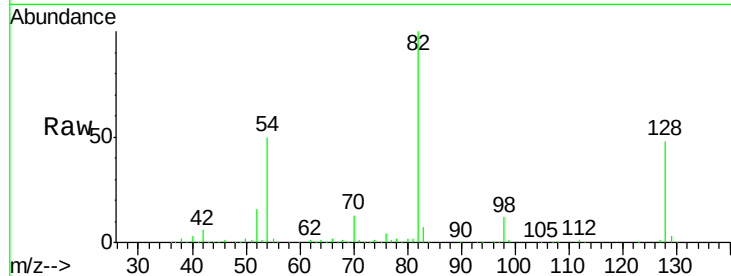
#23
 Nitrobenzene-d5
 Concen: 84.728 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

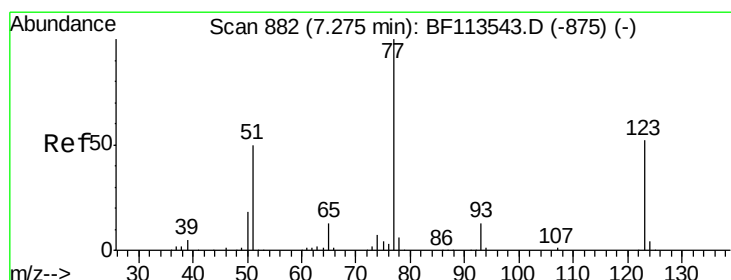
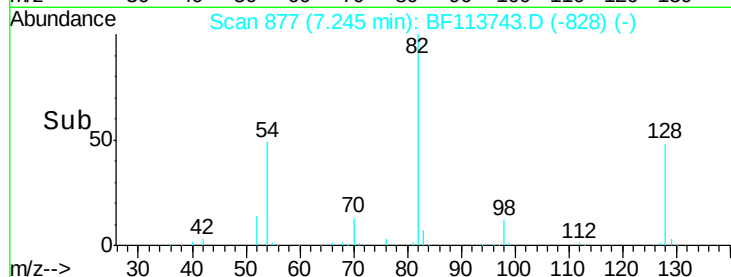
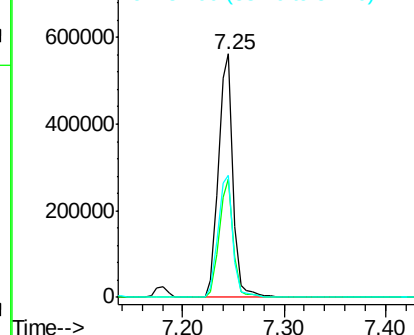
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	560986		
128	48.4	36.5	54.7	
54	50.3	42.2	63.2	

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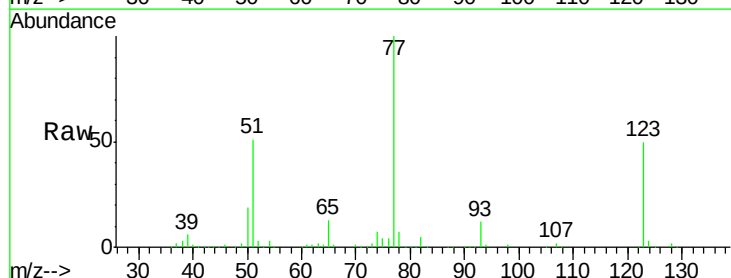


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

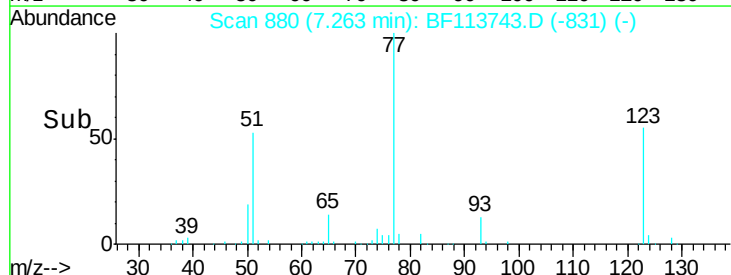
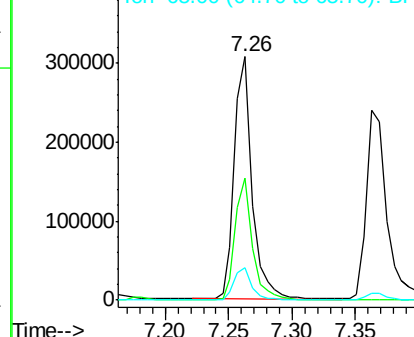


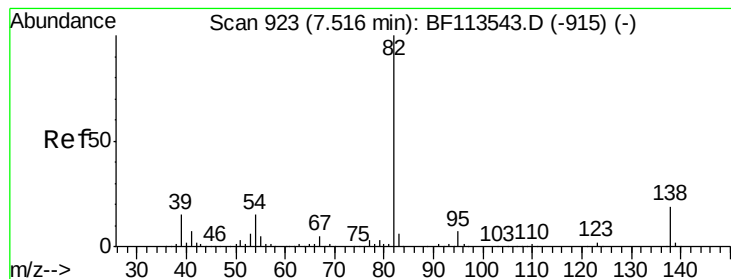
#24
 Nitrobenzene
 Concen: 43.704 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	298000		
123	50.3	40.8	61.2	
65	13.2	10.6	16.0	



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.150 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

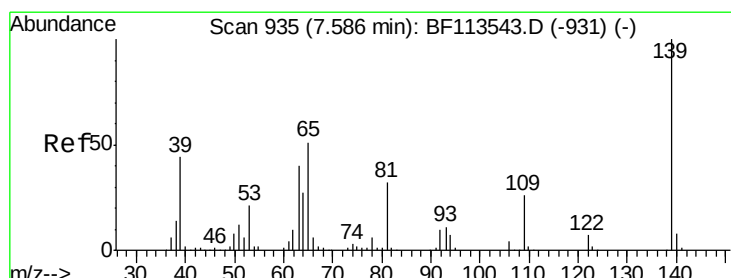
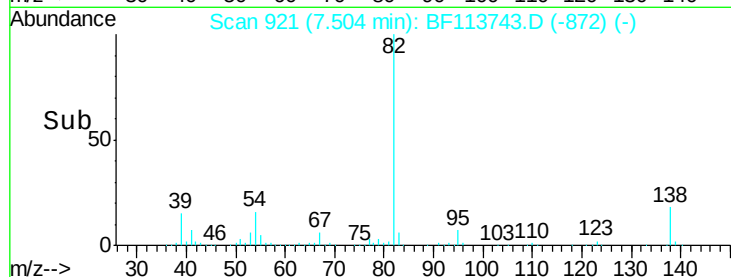
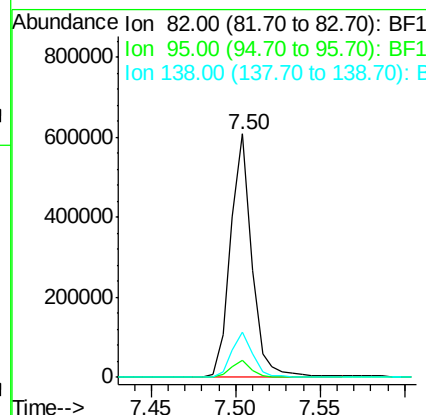
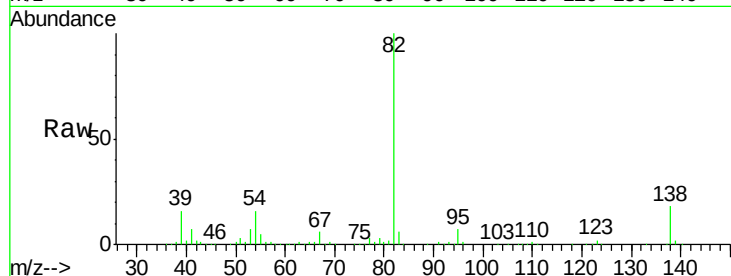
ClientSampleId :

TP-9-SMSD

Tgt Ion:	82	Resp:	537598
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.5	8.3
138	18.4	15.2	22.8

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#26

2-Nitrophenol

Concen: 42.292 ng

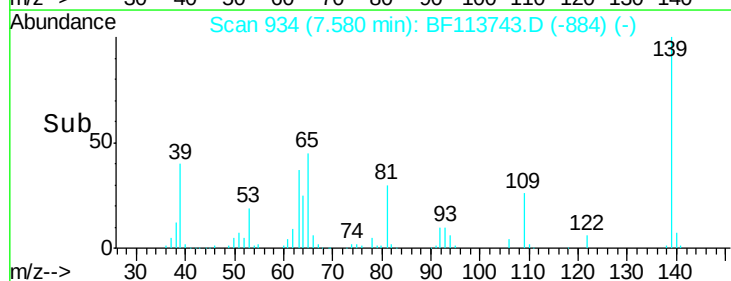
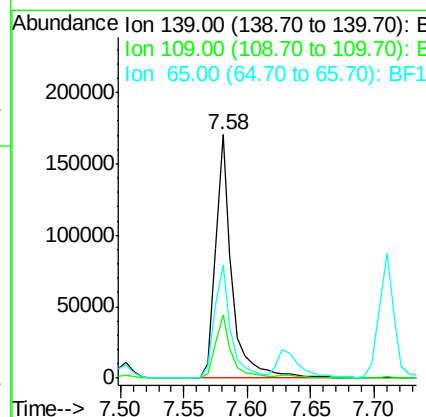
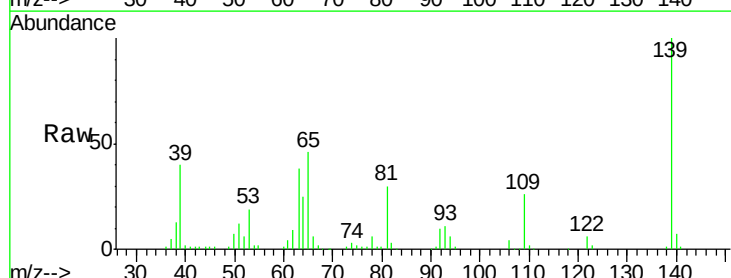
RT: 7.58 min Scan# 934

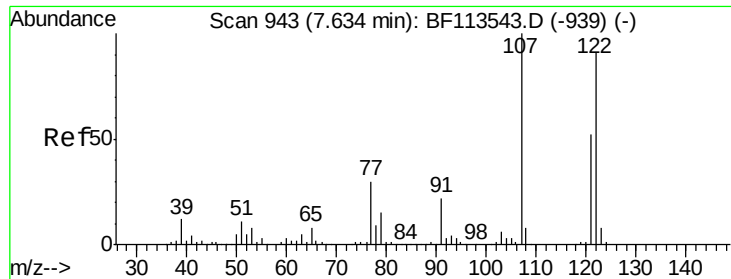
Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	139	Resp:	155200
Ion Ratio	Lower	Upper	
139	100		
109	25.7	21.7	32.5
65	46.3	41.6	62.4





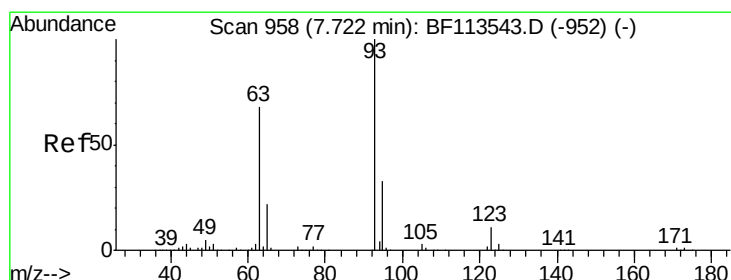
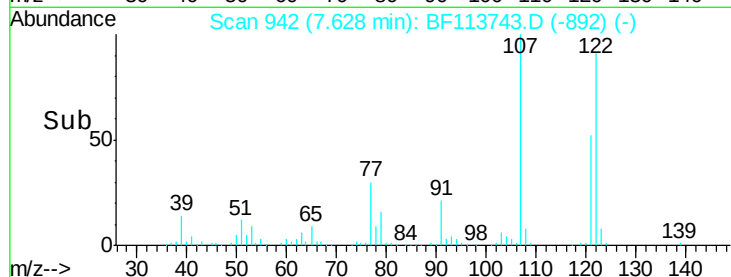
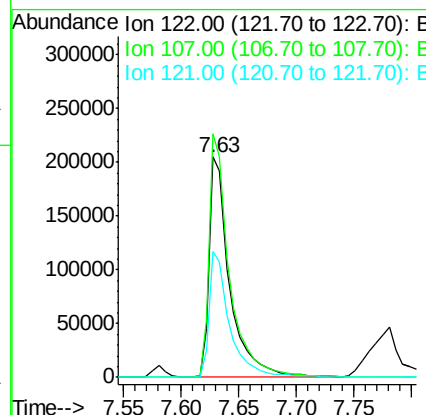
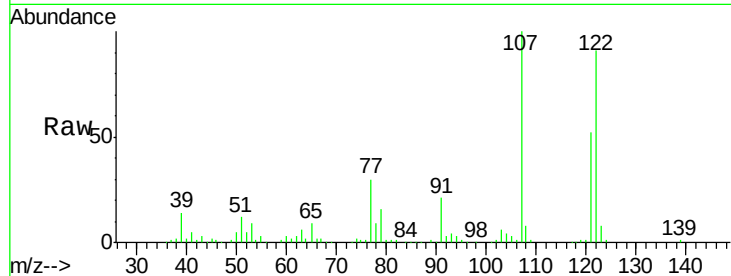
#27
 2,4-Dimethylphenol
 Concen: 48.583 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	254884		
107	110.4	88.8	133.2	
121	56.9	45.5	68.3	

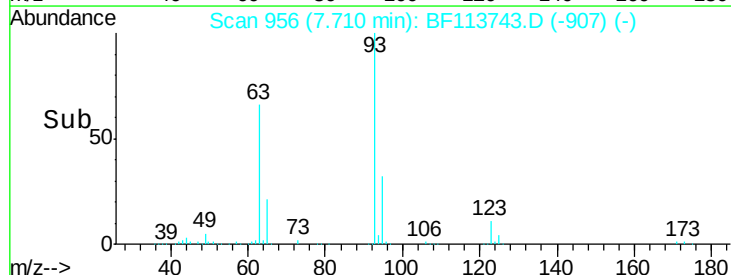
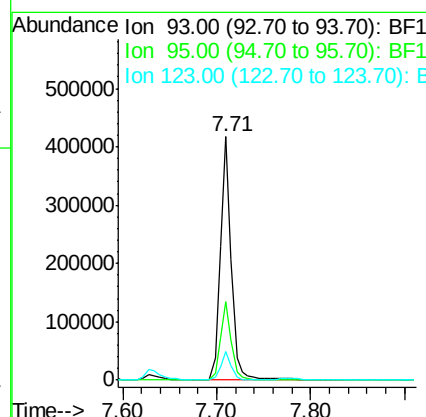
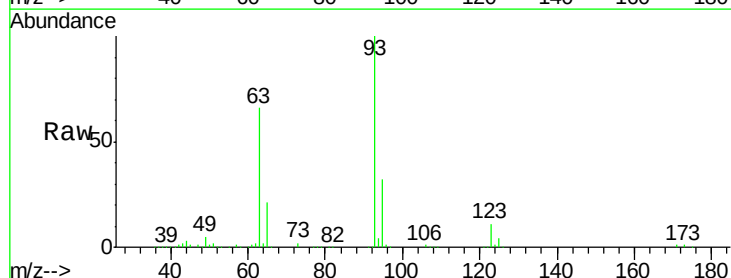
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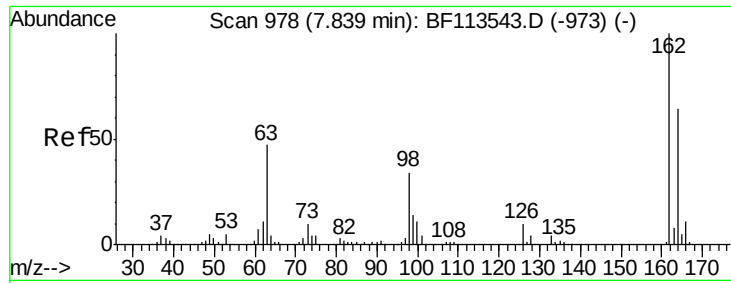
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.907 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	345992		
95	32.3	26.0	39.0	
123	11.5	9.1	13.7	





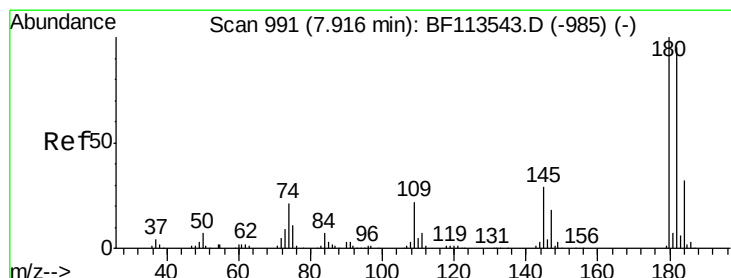
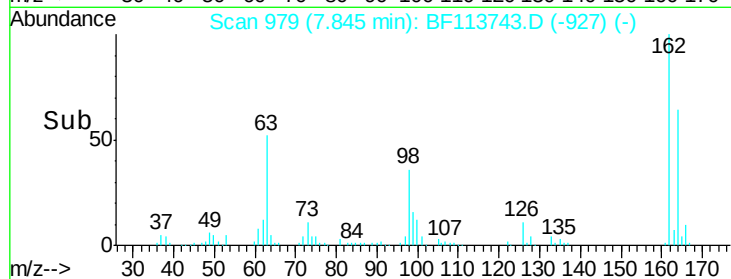
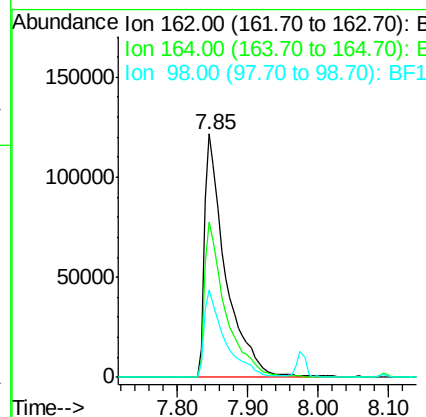
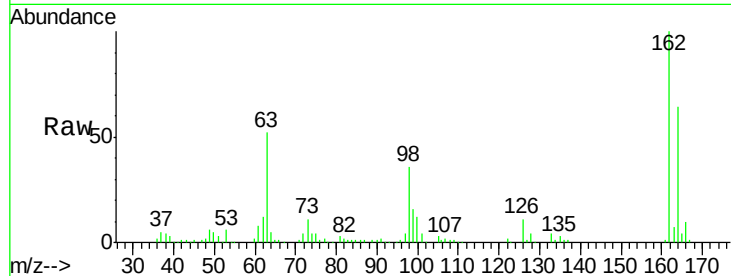
#29
2,4-Dichlorophenol
Concen: 45.183 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	253622		
164	64.0	44.6	84.6	
98	35.7	15.6	55.6	

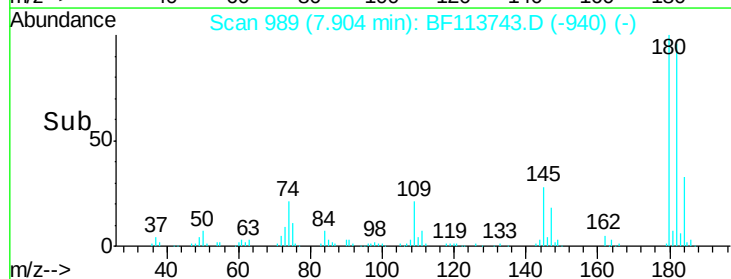
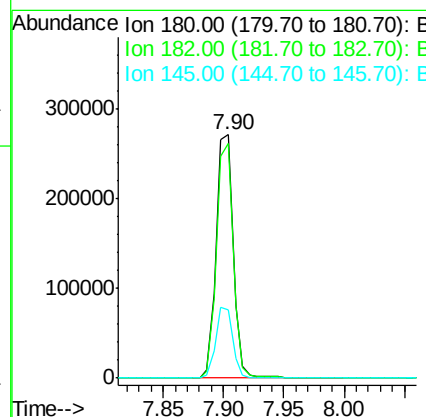
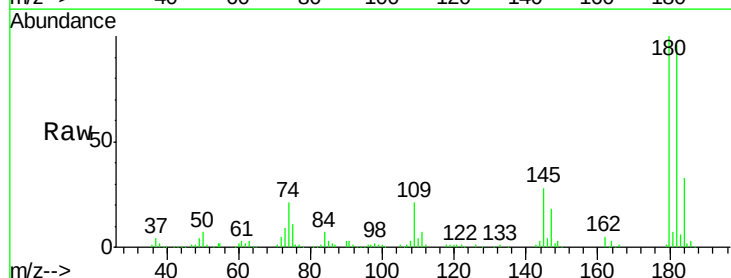
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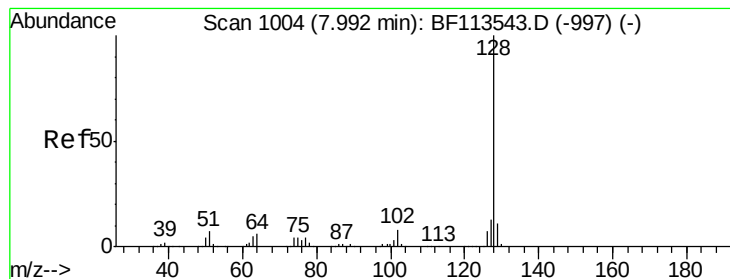
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#30
1,2,4-Trichlorobenzene
Concen: 43.392 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	264505		
182	96.2	74.6	111.8	
145	28.2	23.4	35.0	





#31

Naphthalene

Concen: 45.292 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

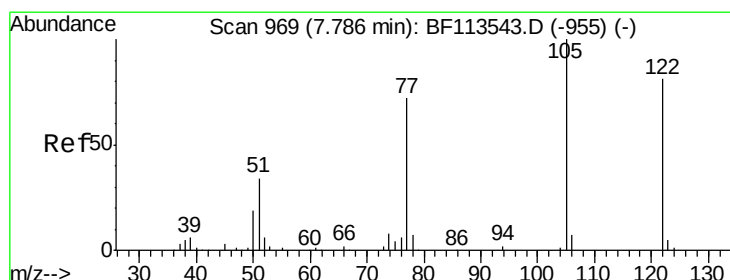
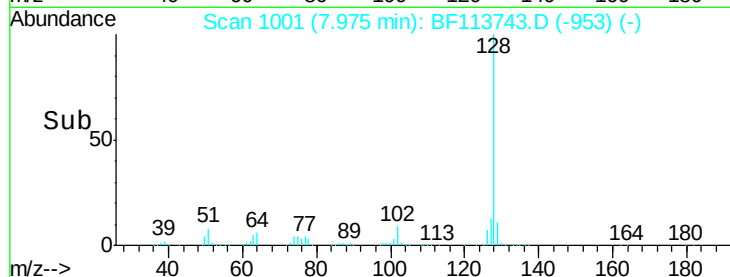
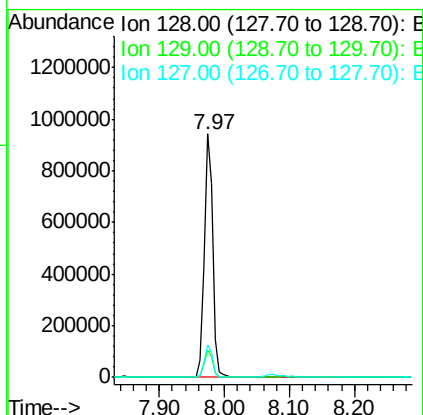
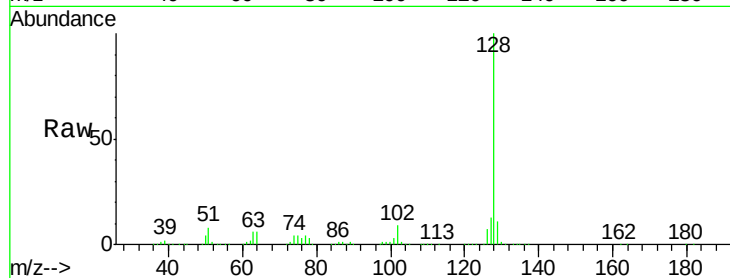
ClientSampleId :

TP-9-SMSD

Tgt Ion:	128	Resp:	851097
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.3	13.9
127	13.1	10.9	16.3

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#32

Benzoic acid

Concen: 21.294 ng

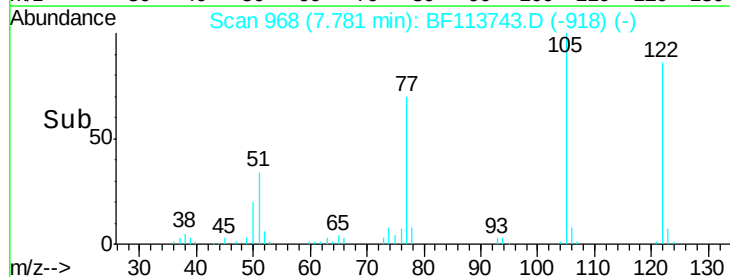
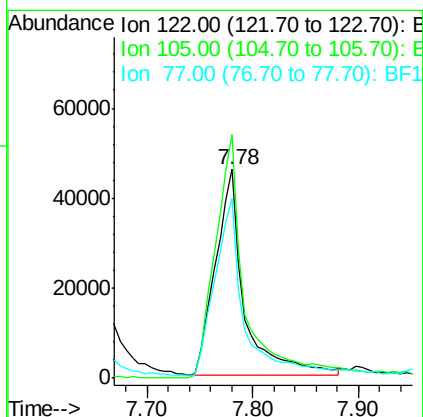
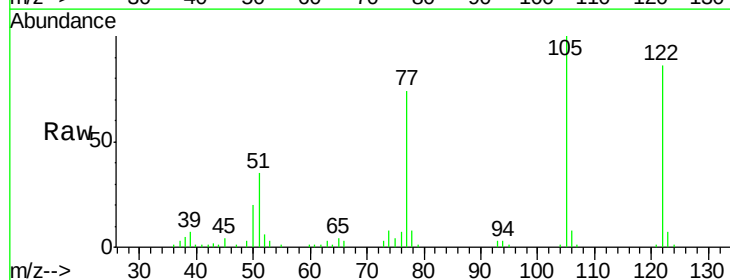
RT: 7.78 min Scan# 968

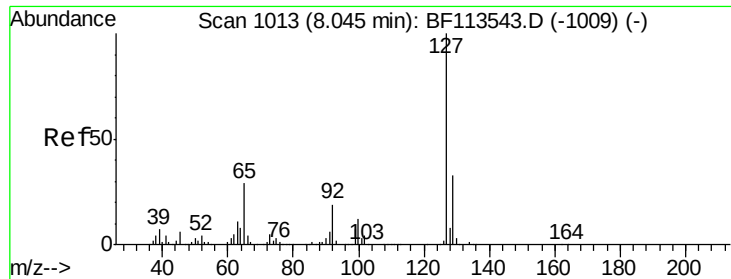
Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	122	Resp:	86508
Ion Ratio	Lower	Upper	
122	100		
105	116.6	100.4	140.4
77	86.3	69.0	109.0





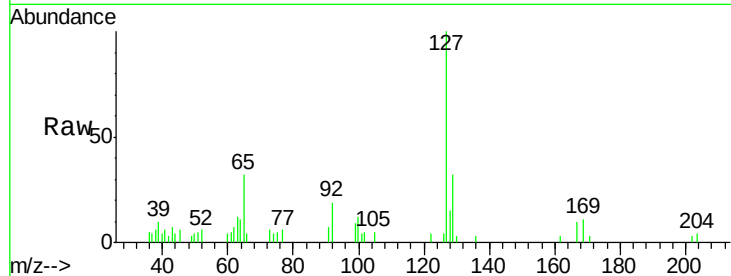
#33
4-Chloroaniline
Concen: 4.271 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

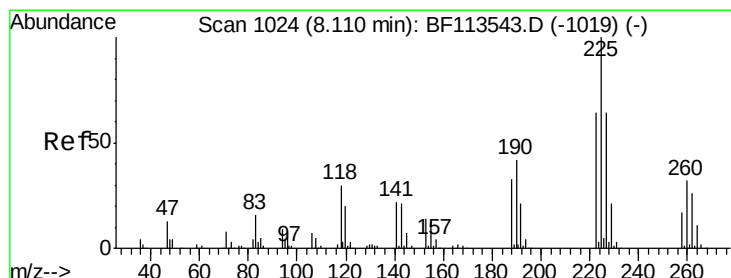
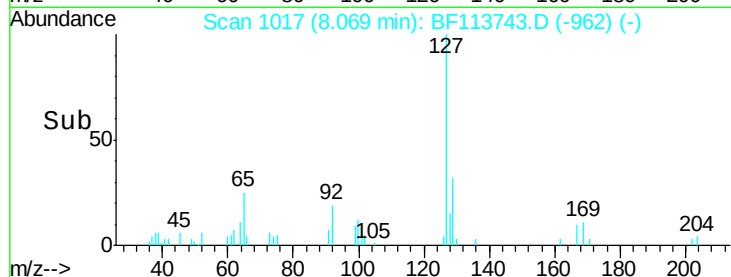
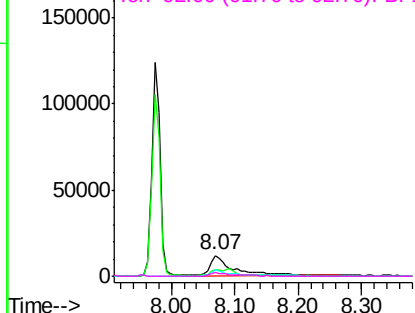
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	31825		
129	31.6	26.3	39.5	
65	32.1	24.2	36.4	
92	18.8	15.0	22.6	

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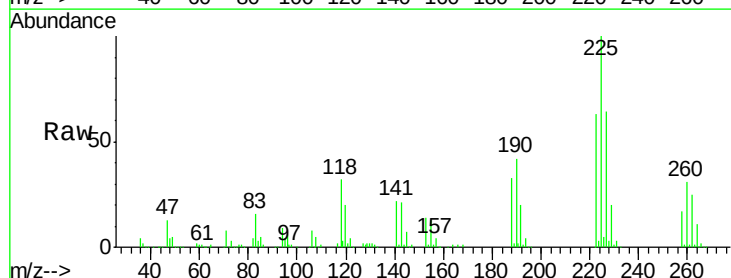


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

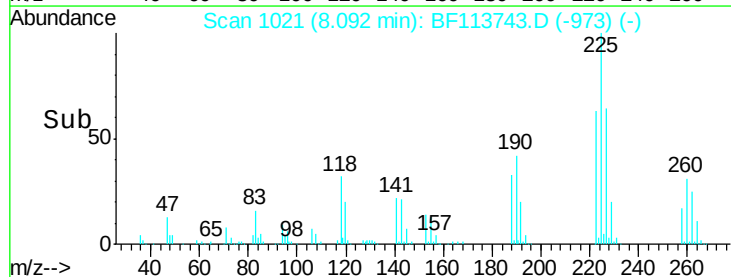
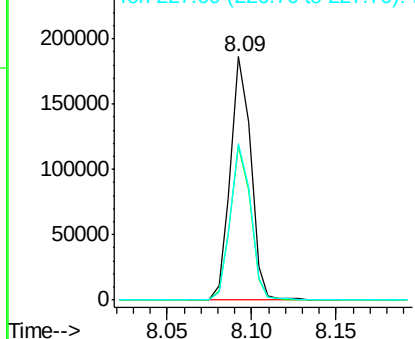


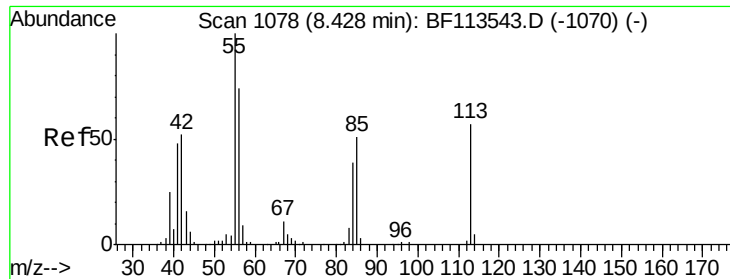
#34
Hexachlorobutadiene
Concen: 42.213 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156879		
223	63.1	51.4	77.2	
227	64.2	51.1	76.7	



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





#35

Caprolactam

Concen: 28.372 ng m

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

ClientSampled :

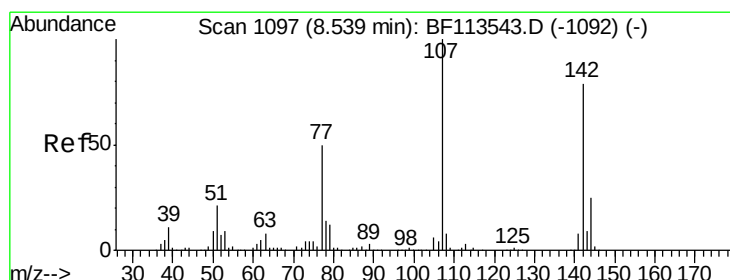
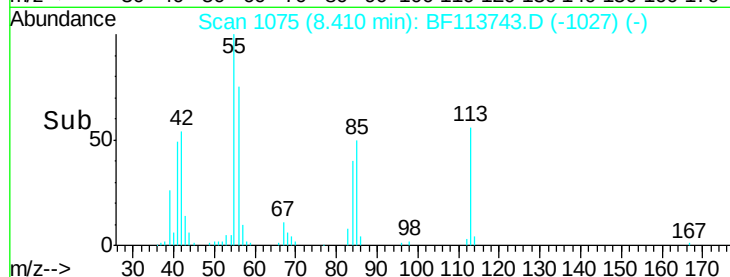
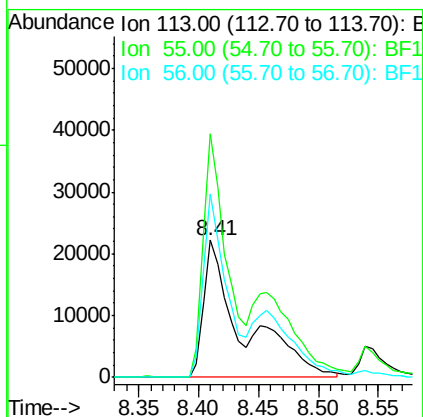
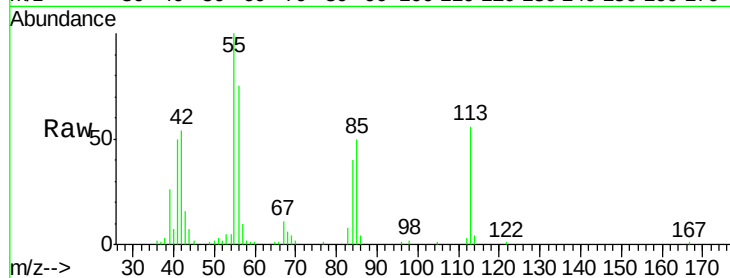
TP-9-SMSD

Tgt Ion:113 Resp: 50555

Ion	Ratio	Lower	Upper
113	100		
55	177.8	152.7	192.7
56	134.1	108.3	148.3

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#36

4-Chloro-3-methylphenol

Concen: 43.775 ng

RT: 8.54 min Scan# 1097

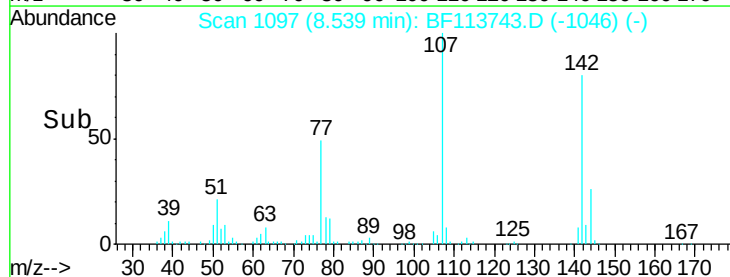
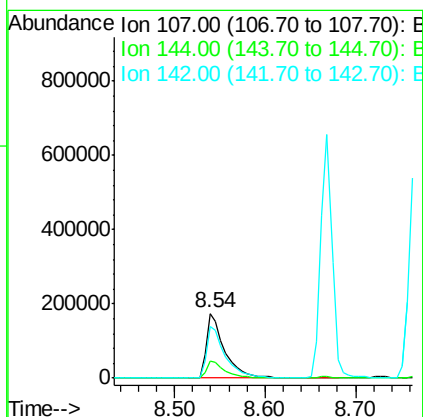
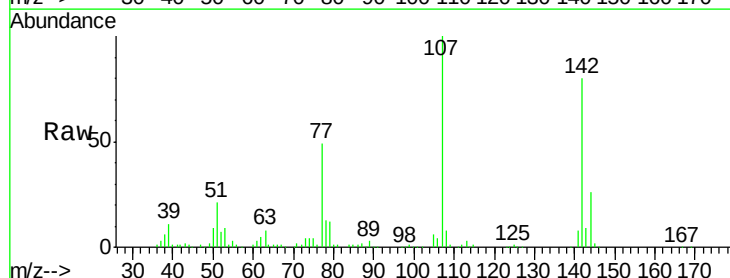
Delta R.T. -0.00 min

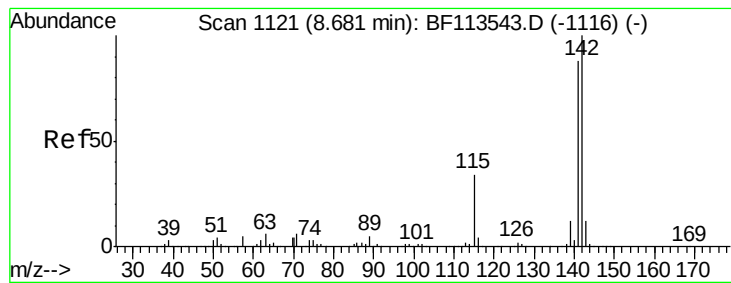
Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:107 Resp: 246666

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.4	32.0
142	80.2	65.6	98.4





#37

2-Methylnaphthalene

Concen: 45.518 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

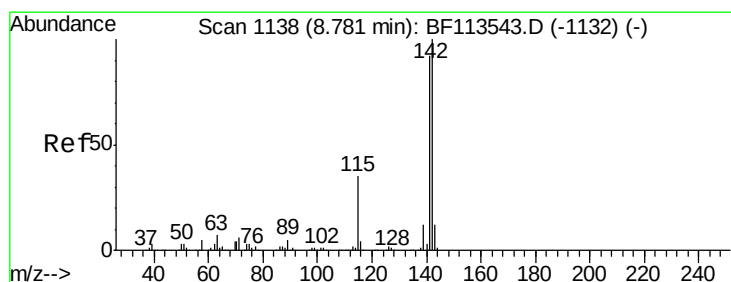
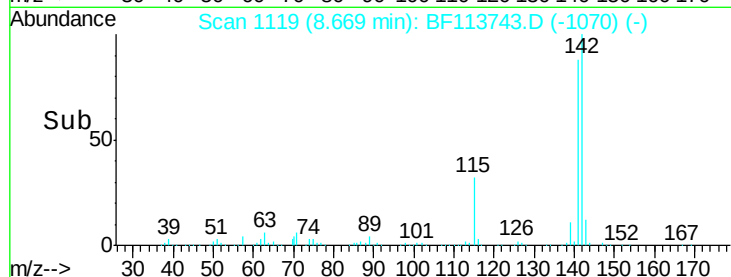
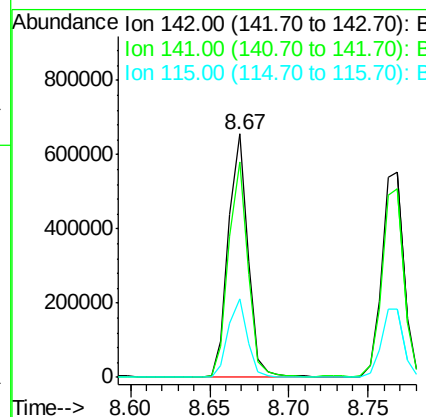
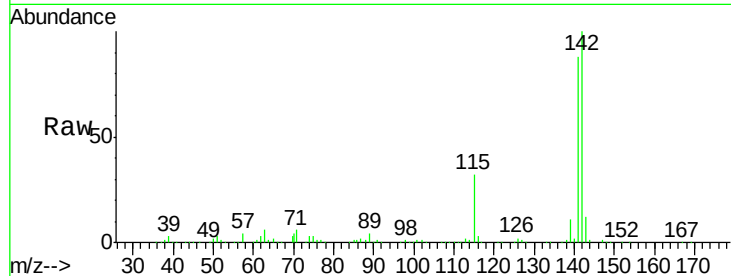
ClientSampleId :

TP-9-SMSD

Tgt Ion:	142	Resp:	562555
Ion Ratio	Lower	Upper	
142	100		
141	88.3	71.0	106.6
115	32.4	26.6	39.8

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#38

1-Methylnaphthalene

Concen: 45.017 ng

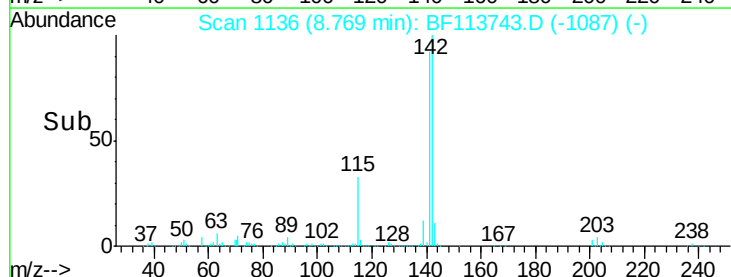
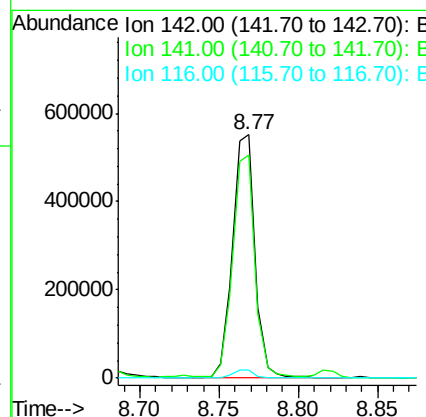
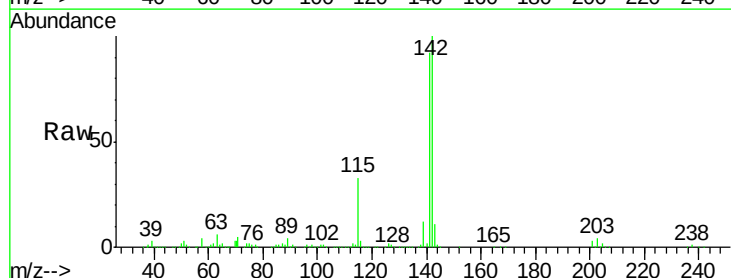
RT: 8.77 min Scan# 1136

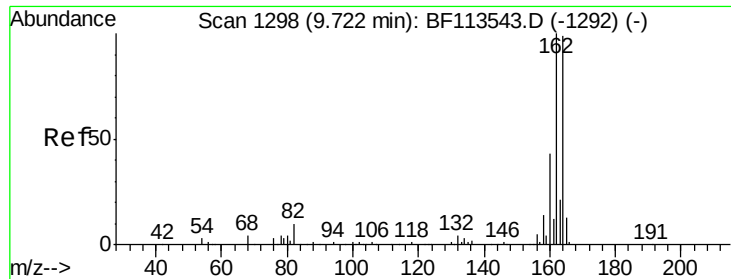
Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	142	Resp:	536477
Ion Ratio	Lower	Upper	
142	100		
141	91.9	73.2	109.8
116	3.4	3.0	4.4





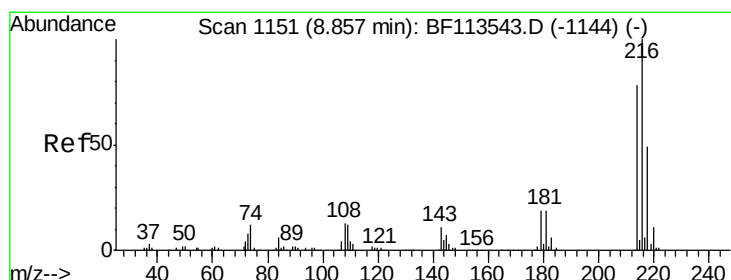
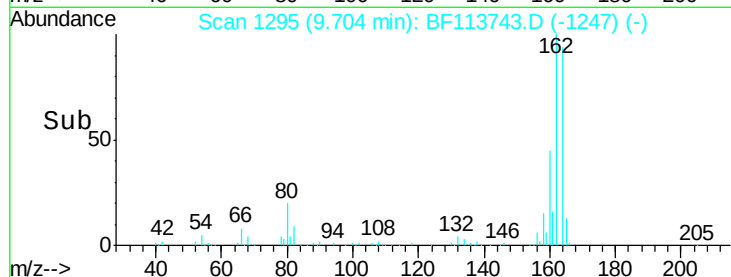
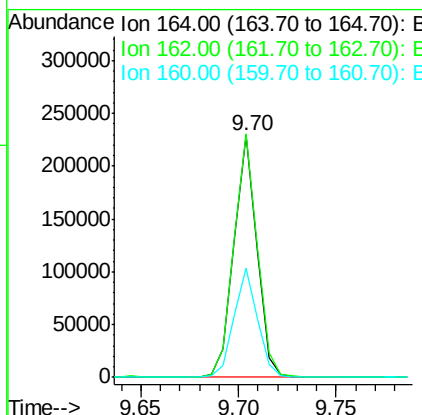
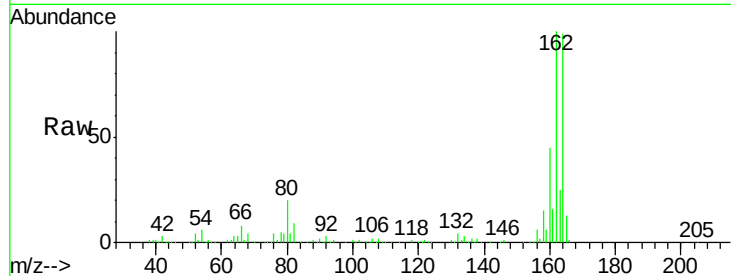
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187818		
162	100.7	81.8	122.6	
160	45.1	36.4	54.6	

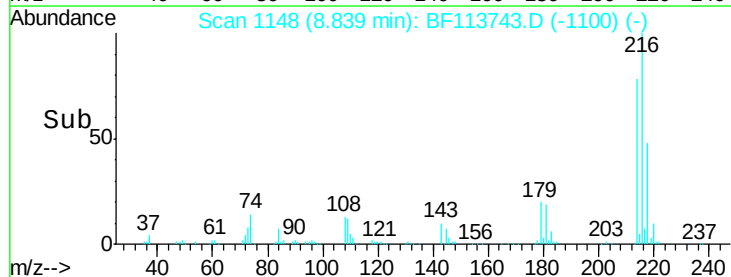
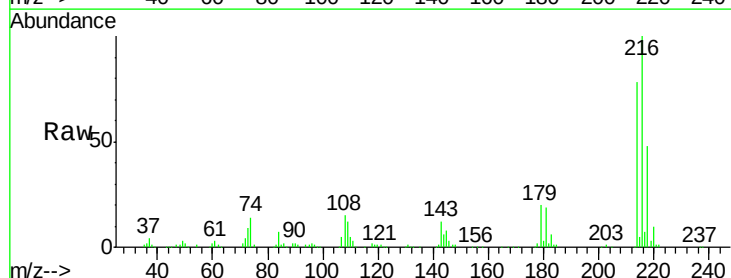
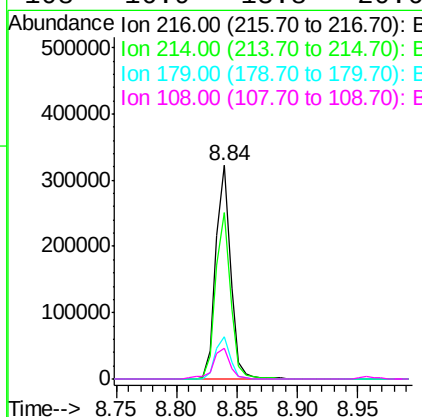
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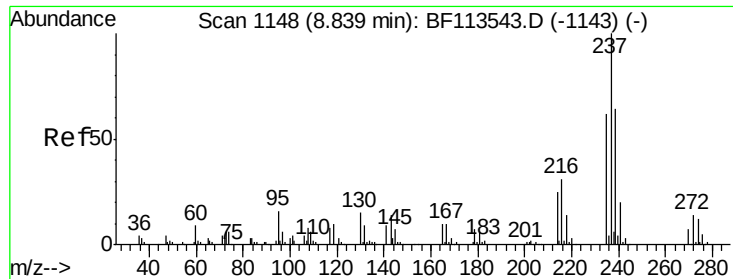
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.722 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	271649		
214	78.3	63.0	94.6	
179	20.2	16.8	25.2	
108	16.9	13.8	20.6	





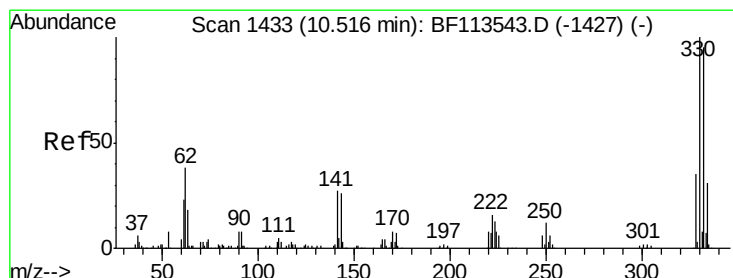
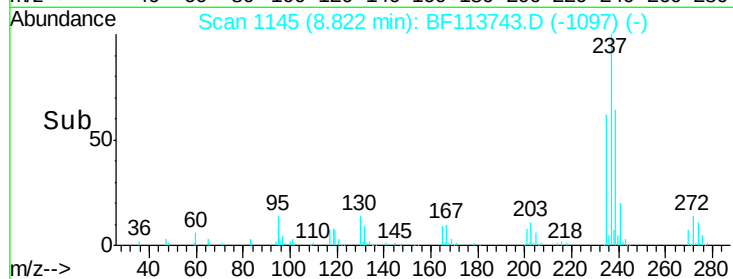
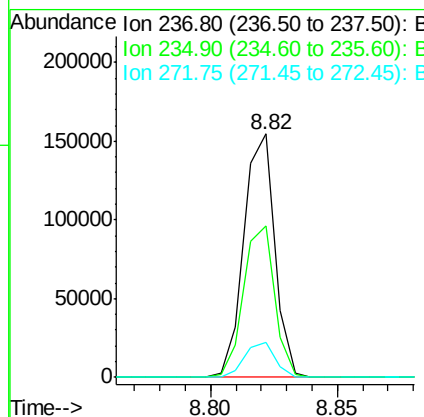
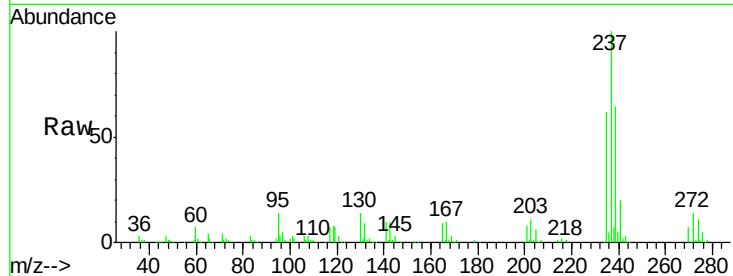
#41
Hexachlorocyclopentadiene
Concen: 64.659 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	130840		
235	62.1	43.4	83.4	
272	14.2	0.0	33.7	

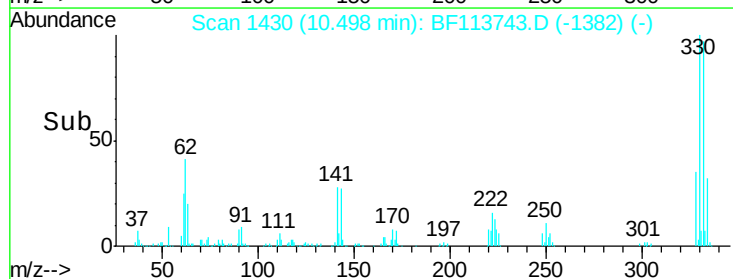
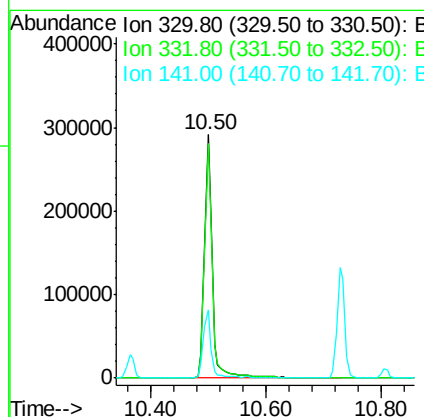
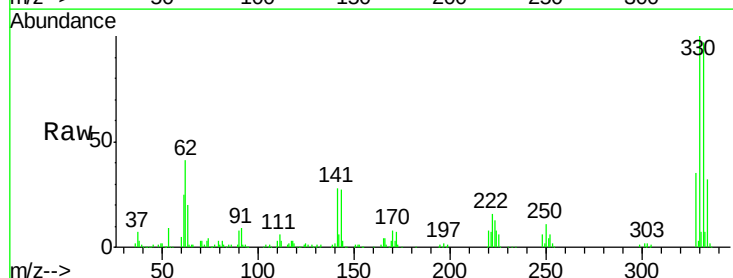
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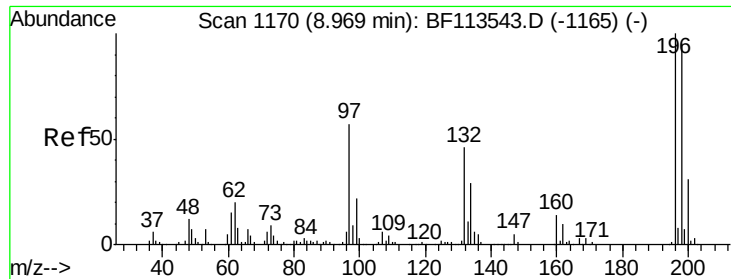
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#42
2,4,6-Tribromophenol
Concen: 127.527 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	287721		
332	95.9	77.8	116.6	
141	27.3	22.7	34.1	





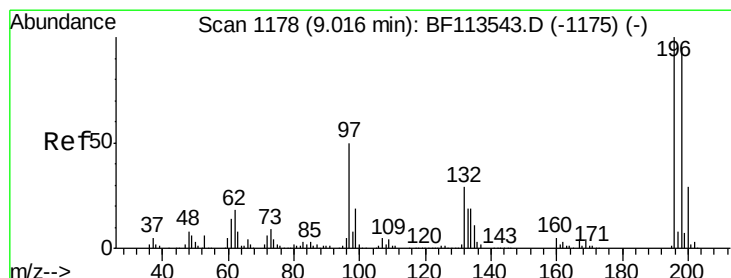
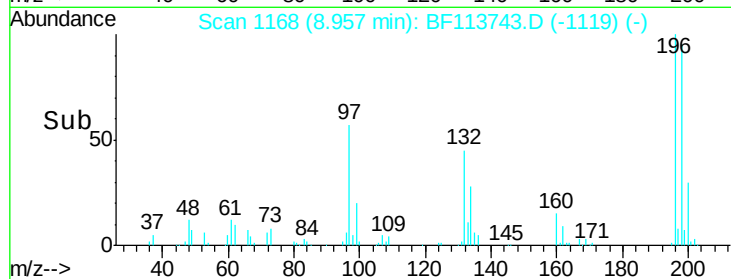
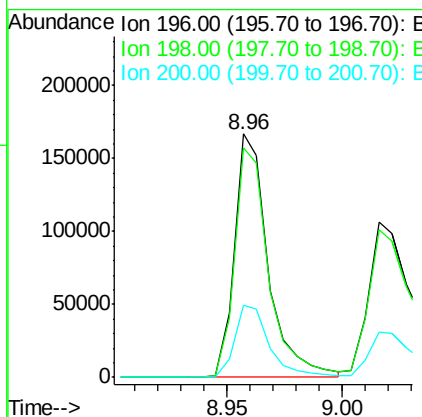
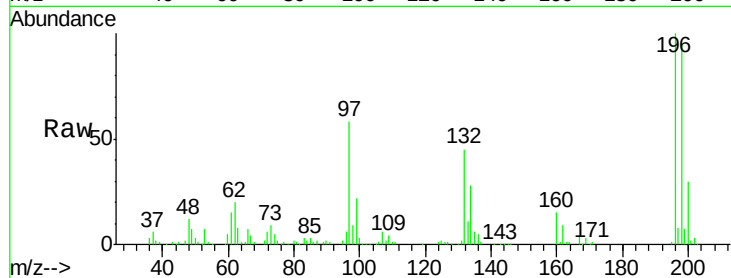
#43
 2,4,6-Trichlorophenol
 Concen: 44.301 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_F
 ClientSampled :
 TP-9-SMSD

Tgt Ion:	196	Resp:	169860
Ion Ratio	Lower	Upper	
196	100		
198	94.5	77.7	116.5
200	29.9	24.9	37.3

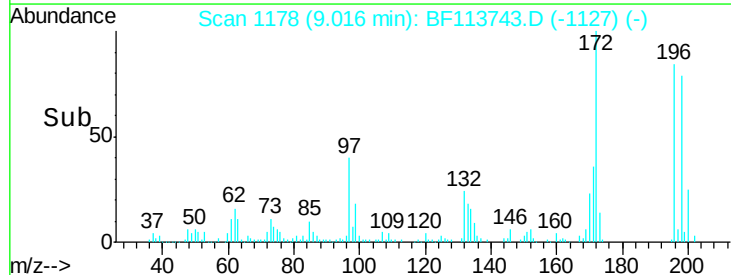
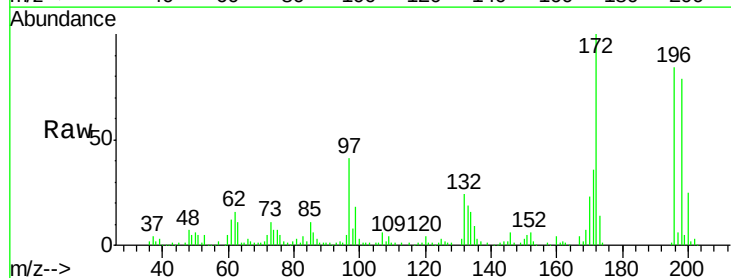
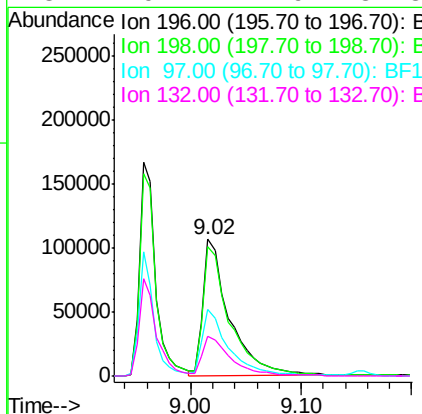
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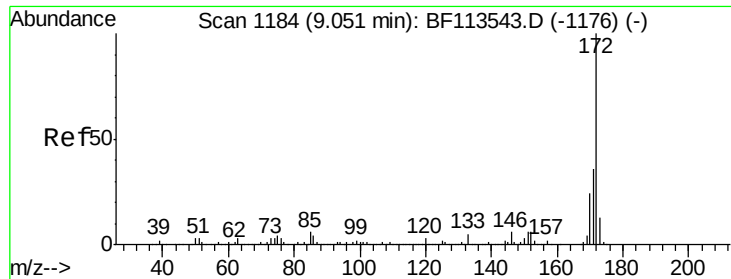
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.033 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Tgt Ion:	196	Resp:	173022
Ion Ratio	Lower	Upper	
196	100		
198	94.8	75.4	113.2
97	48.6	38.6	58.0
132	29.1	22.9	34.3





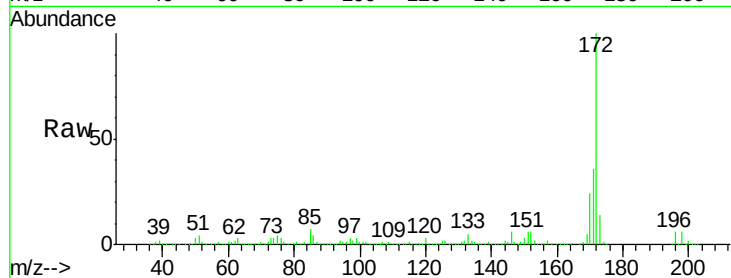
#45
2-Fluorobiphenyl
Concen: 88.253 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampled :
TP-9-SMSD

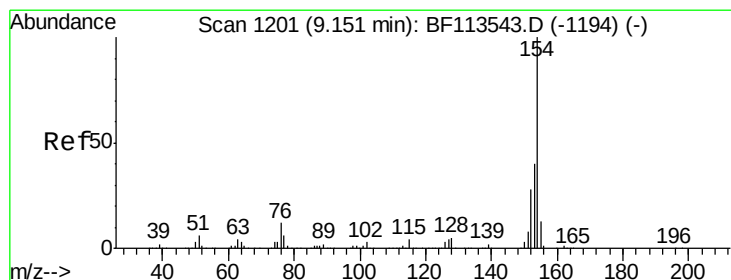
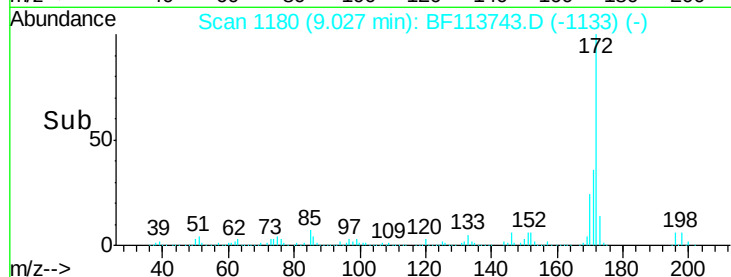
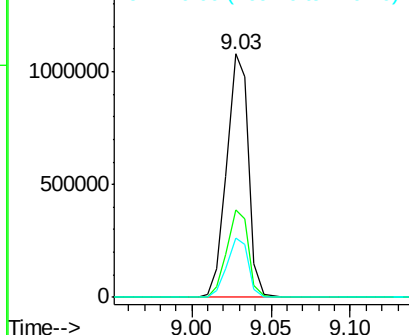
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.2	19.5	29.3

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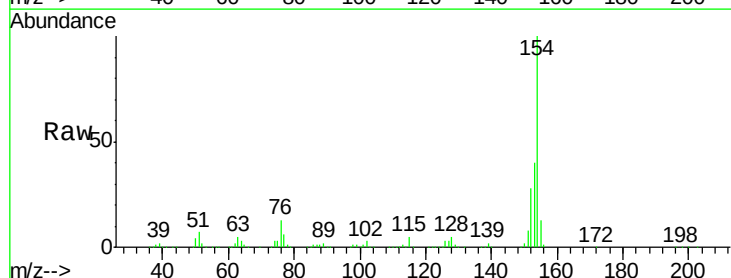


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

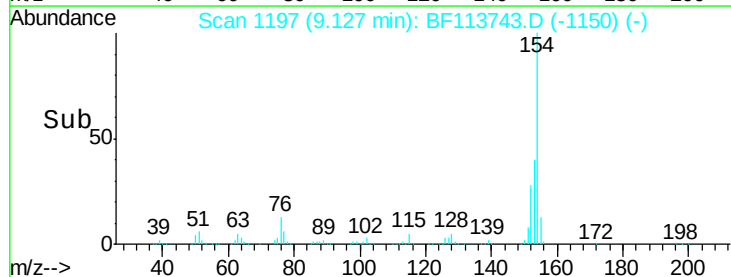
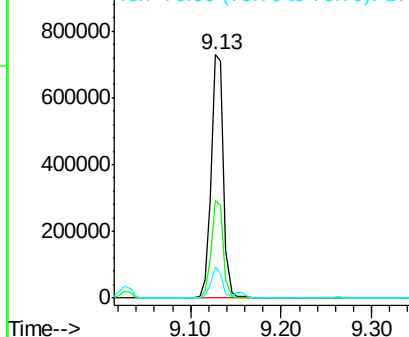


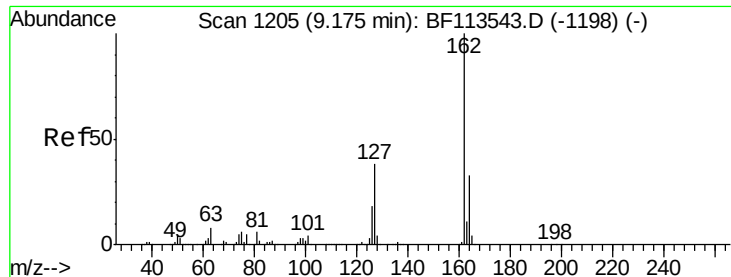
#46
1,1'-Biphenyl
Concen: 45.157 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	12.7	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





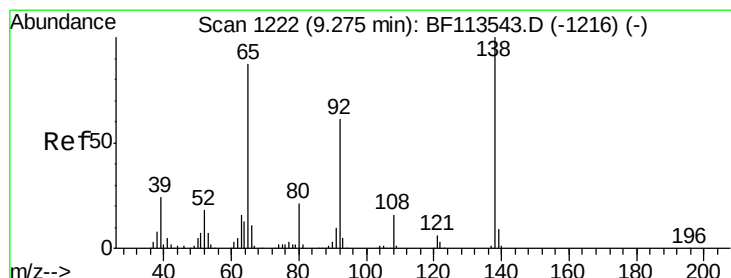
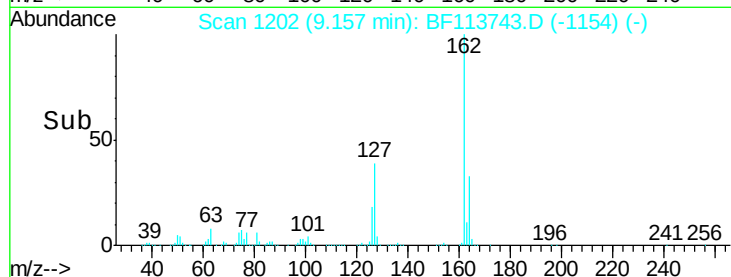
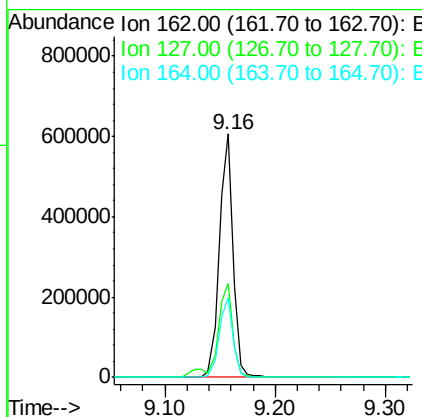
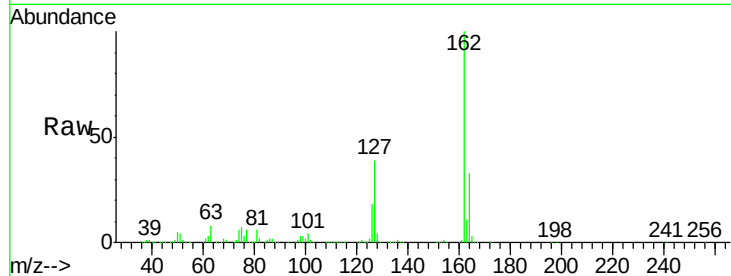
#47
 2-Chloronaphthalene
 Concen: 44.575 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	523069		
127	38.7		32.6	49.0
164	32.9		26.6	39.8

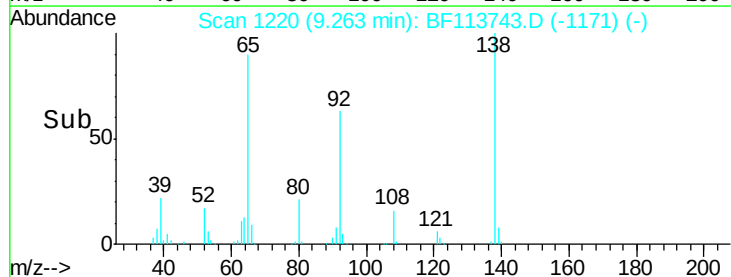
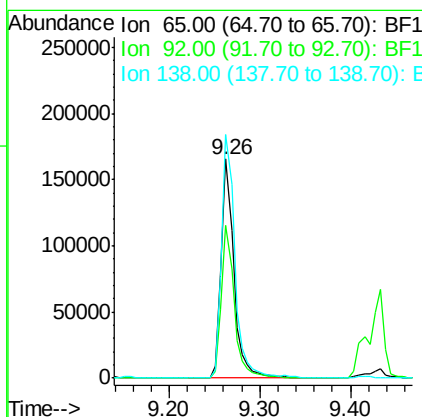
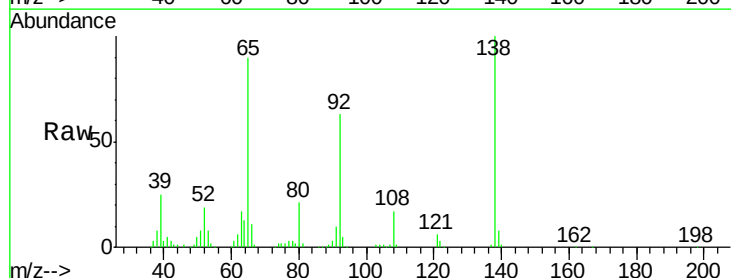
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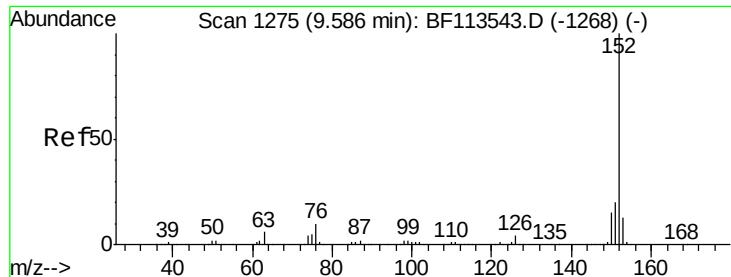
Sohil
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#48
 2-Nitroaniline
 Concen: 44.421 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	159500		
92	69.9		56.8	85.2
138	111.3		92.3	138.5





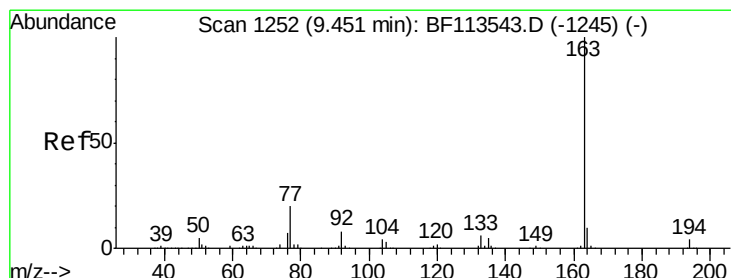
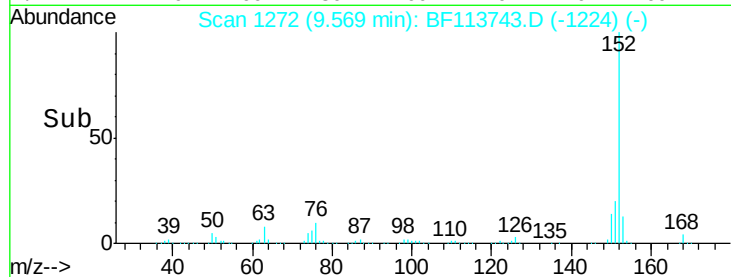
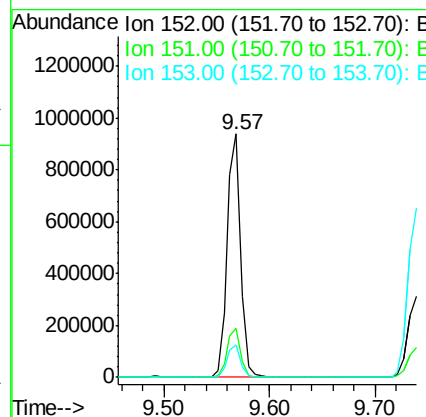
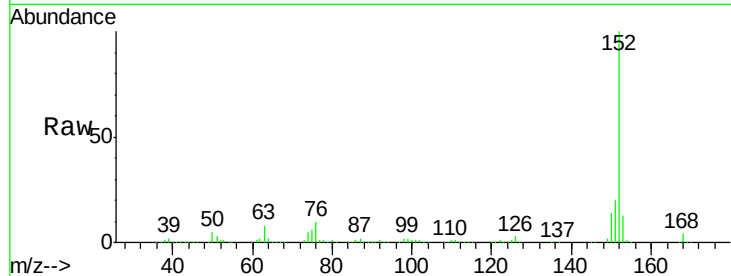
#49
Acenaphthylene
Concen: 44.091 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	841321		
151	20.3	16.2	24.4	
153	13.2	11.0	16.6	

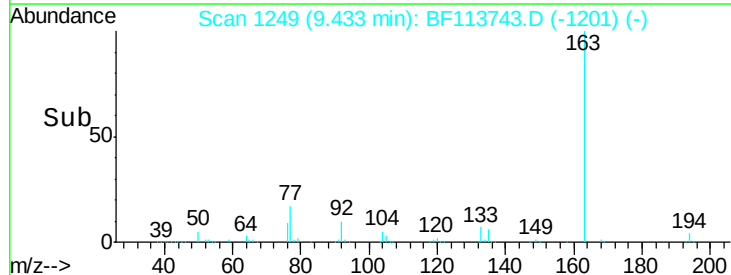
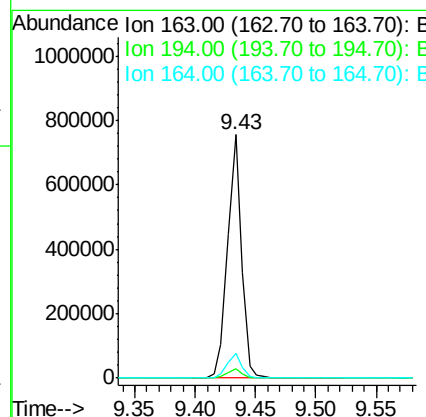
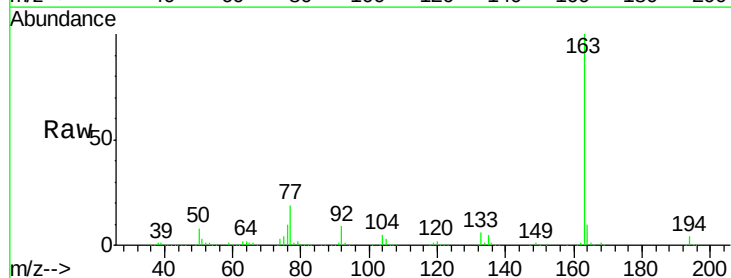
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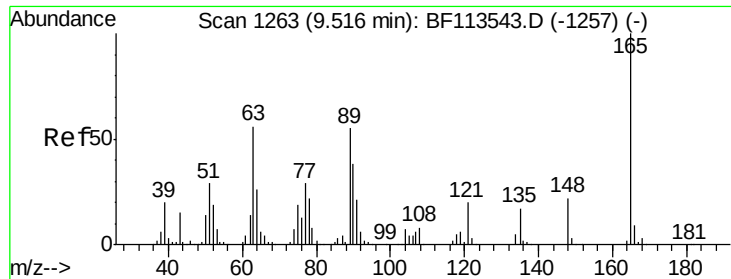
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#50
Dimethylphthalate
Concen: 43.630 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	604047		
194	4.0	3.0	4.6	
164	10.3	8.1	12.1	





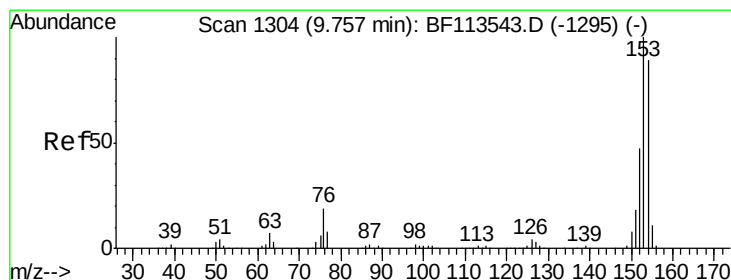
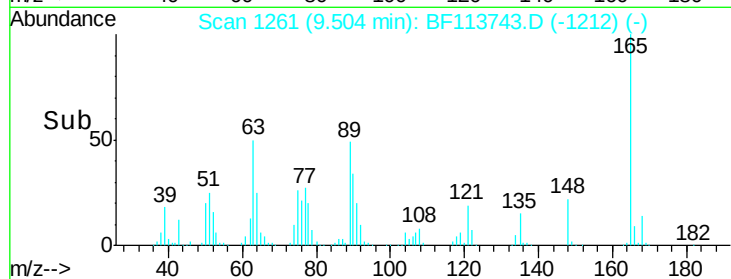
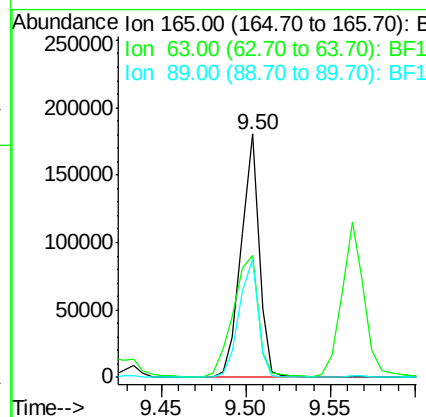
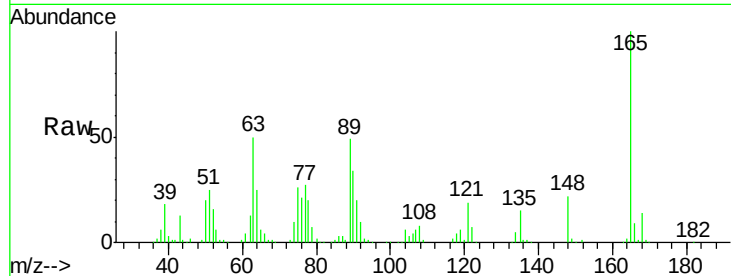
#51
 2,6-Dinitrotoluene
 Concen: 43.863 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_F
 ClientSampled :
 TP-9-SMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.2	43.4	65.0
89	48.7	43.1	64.7

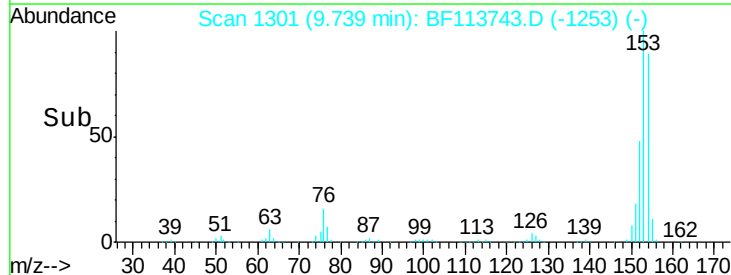
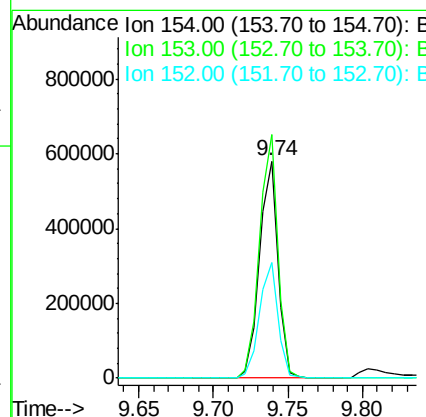
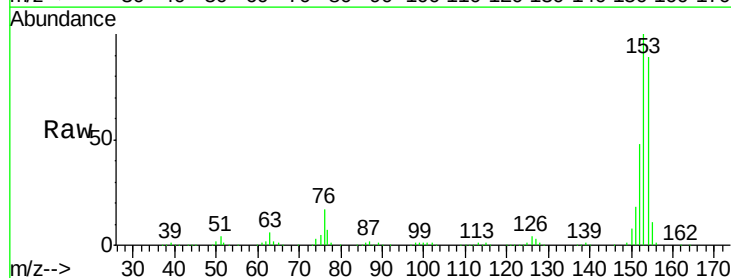
Manual Integrations
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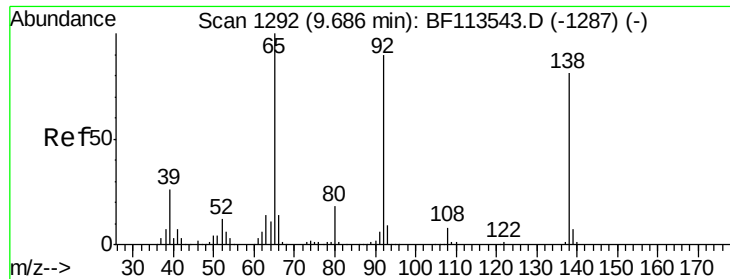
Sohil
 4/15/2019 12:27:29 AM



#52
 Acenaphthene
 Concen: 45.251 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.2	89.5	134.3
152	53.5	43.3	64.9





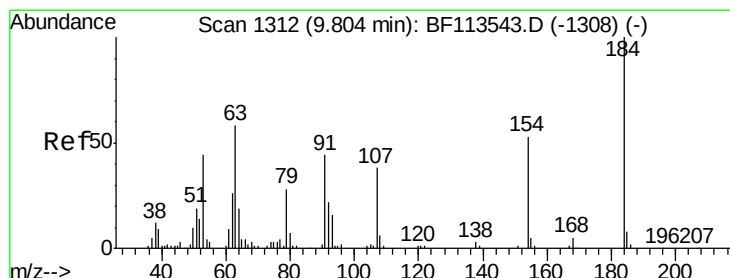
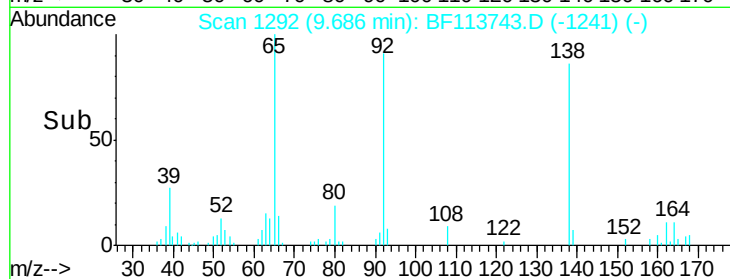
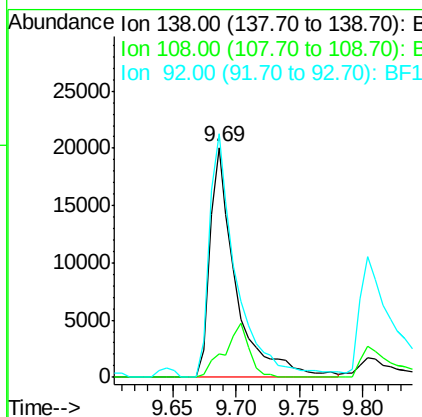
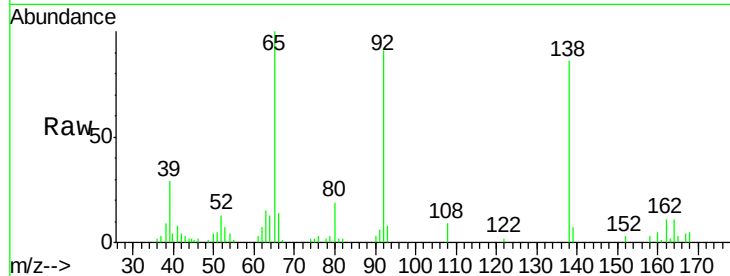
#53
3-Nitroaniline
Concen: 8.287 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampled :
TP-9-SMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.6
92	105.9	82.6	124.0

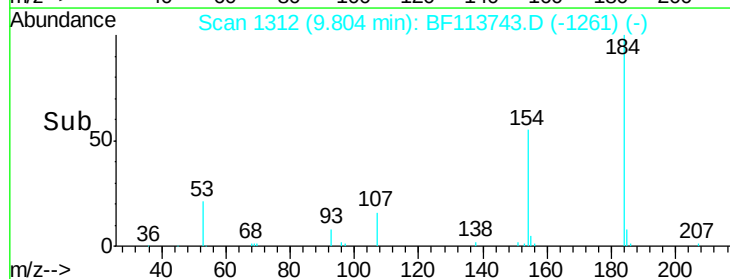
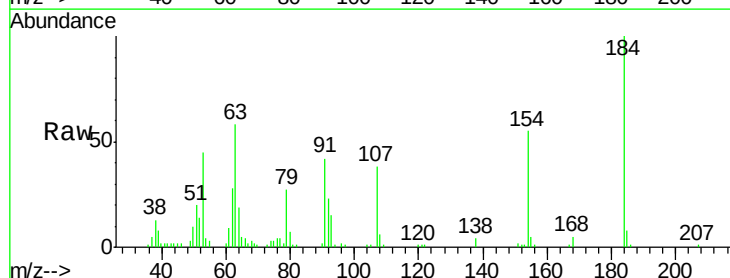
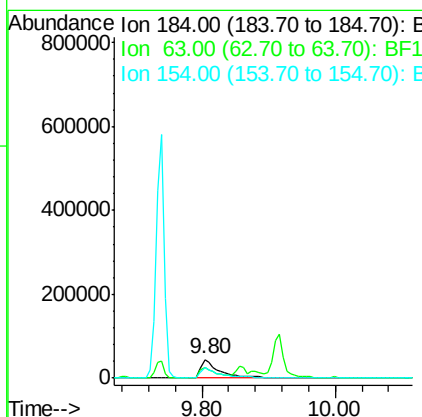
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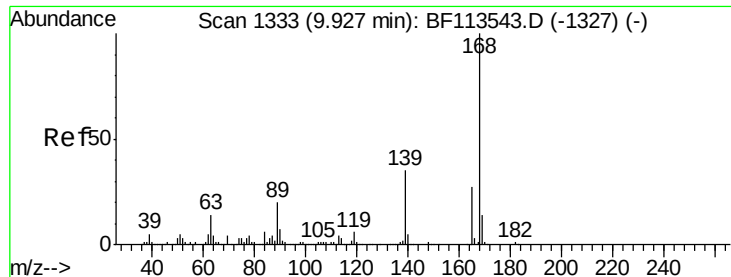
Sohil
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#54
2,4-Dinitrophenol
Concen: 62.848 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	54.3	81.5
154	54.7	48.4	72.6





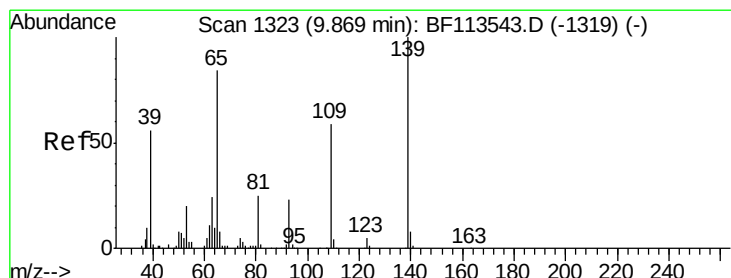
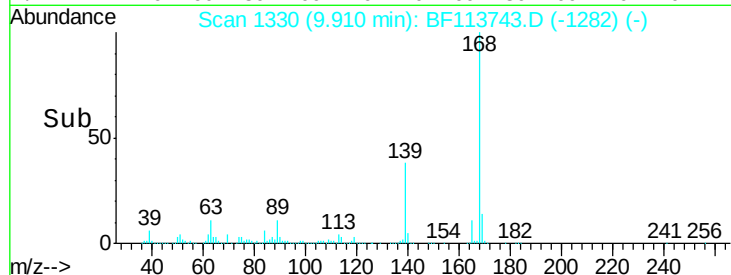
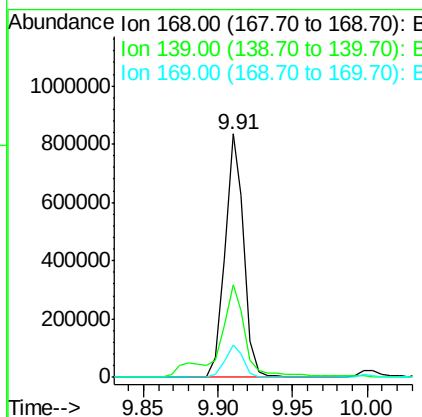
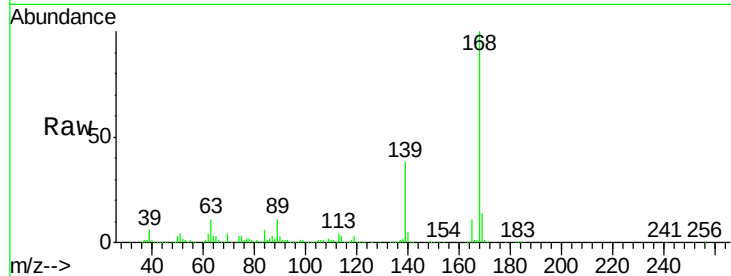
#55
Dibenzofuran
Concen: 46.376 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampled :
TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	743073		
139	37.9		29.7	44.5
169	13.5		10.7	16.1

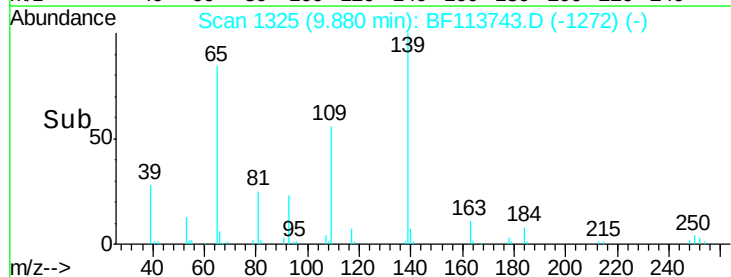
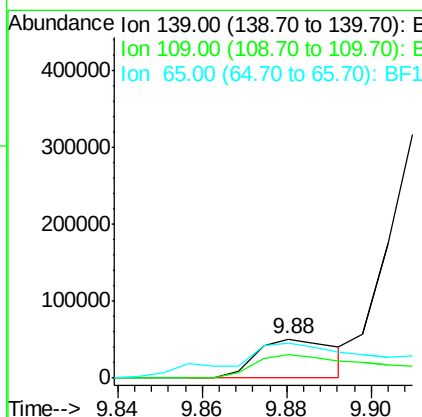
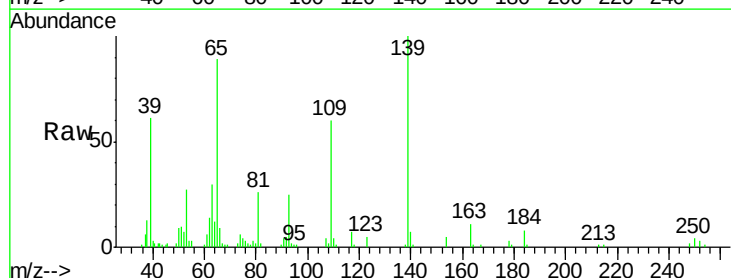
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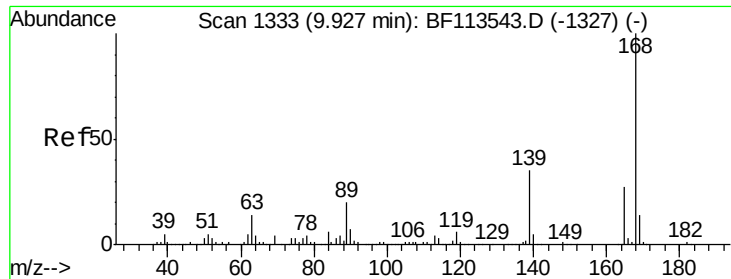
Sohil
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#56
4-Nitrophenol
Concen: 30.995 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	66711		
109	60.0		46.9	86.9
65	88.7		77.2	117.2





#57

2,4-Dinitrotoluene

Concen: 47.215 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF113743.D

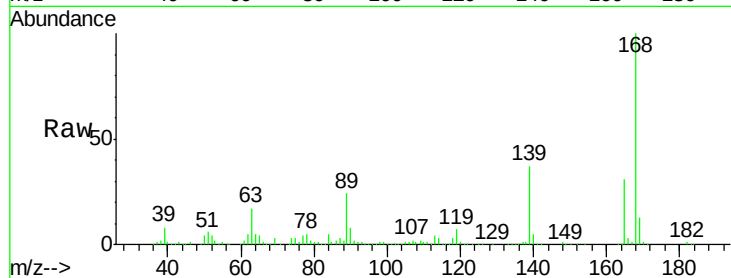
Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD



Tgt Ion:165 Resp: 174266

Ion Ratio Lower Upper

165 100

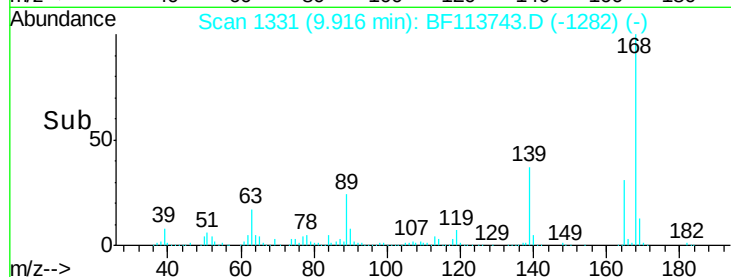
63 53.6 37.5 56.3

89 75.7 57.4 86.2

182 2.6 2.0 3.0

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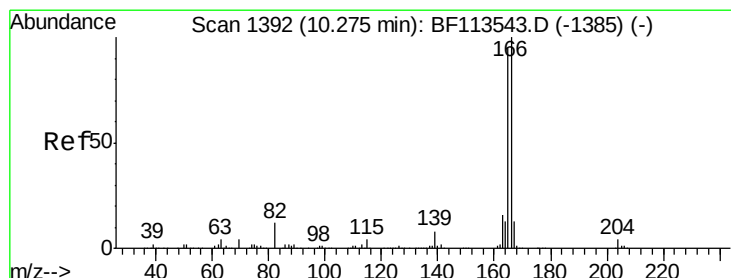
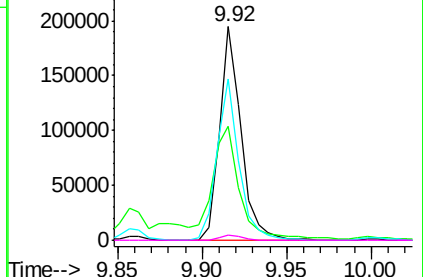
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->



#58

Fluorene

Concen: 46.495 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

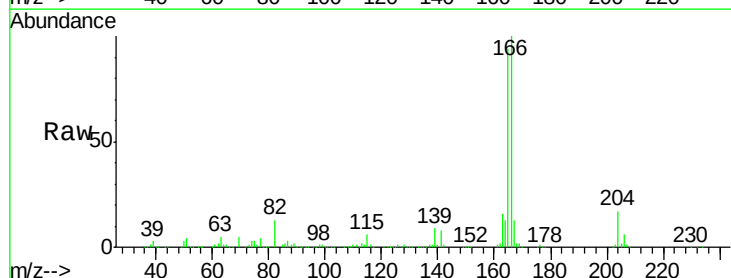
Tgt Ion:166 Resp: 589219

Ion Ratio Lower Upper

166 100

165 94.0 76.2 114.2

167 13.4 10.7 16.1

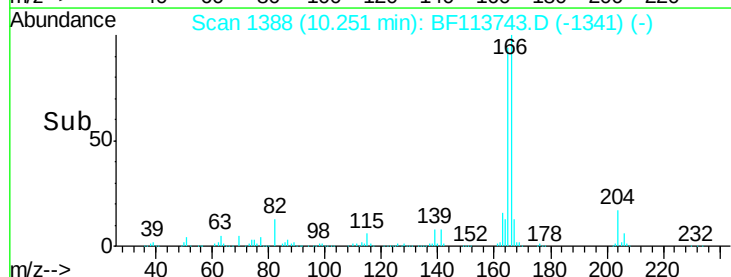
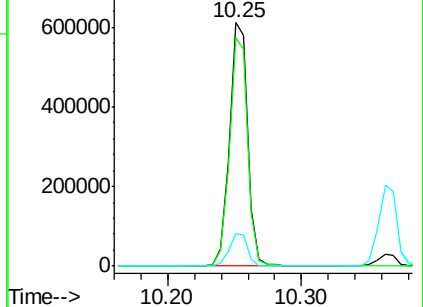


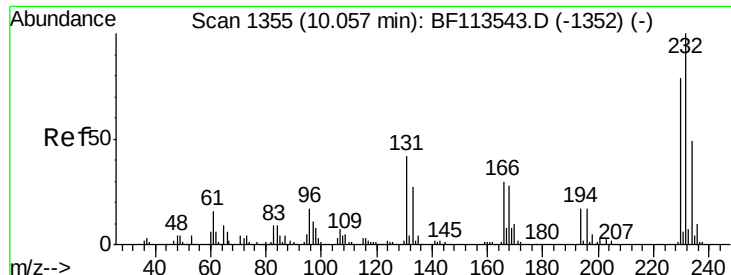
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->





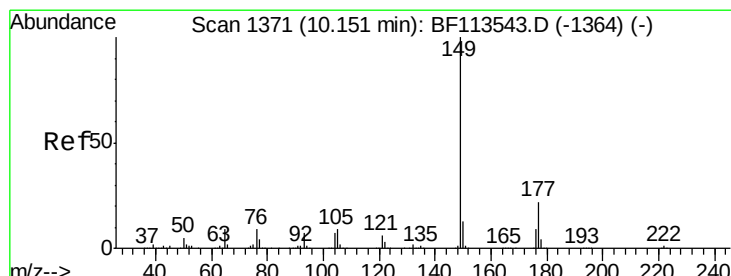
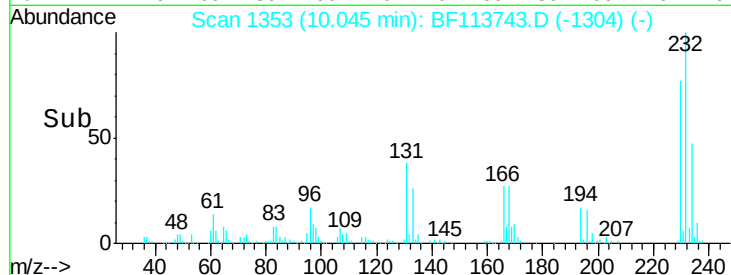
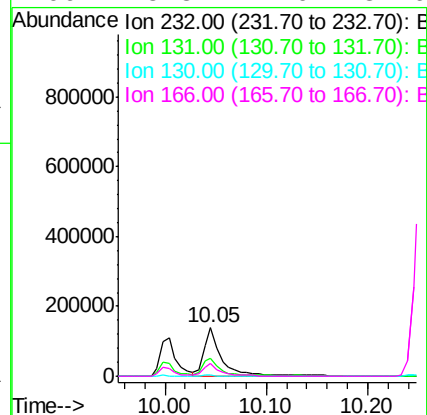
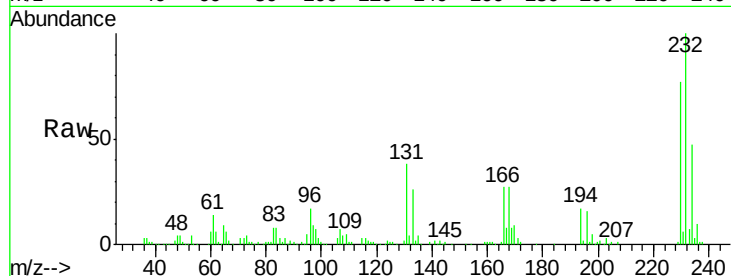
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.919 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	163611		
131	40.4	33.2	49.8	
130	2.0	1.6	2.4	
166	25.3	21.0	31.6	

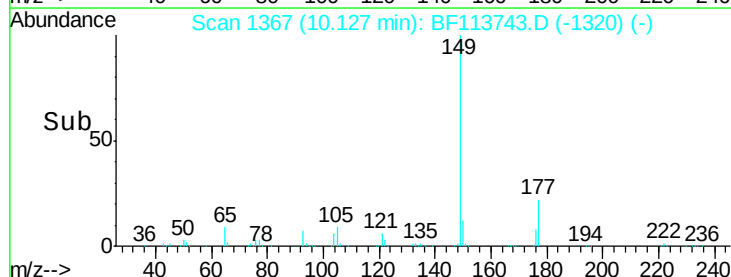
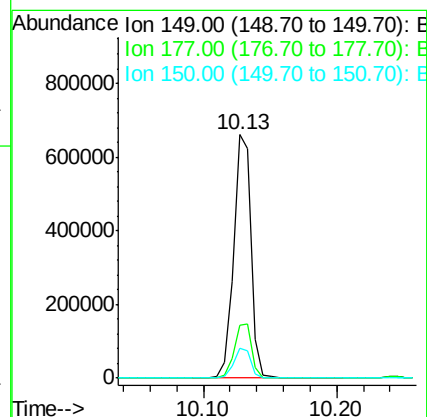
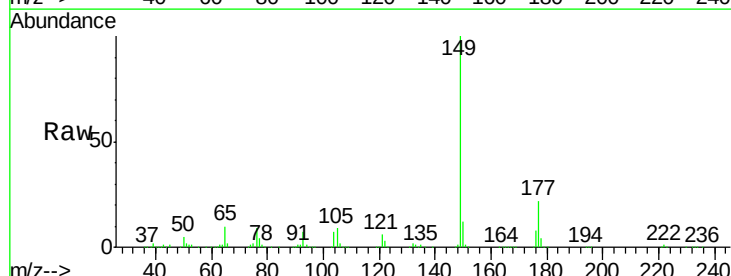
Manual Integrations
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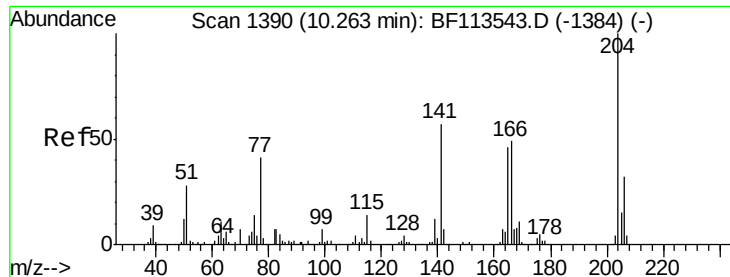
Sohil
 4/15/2019 12:27:29 AM



#60
 Diethylphthalate
 Concen: 45.460 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	606814		
177	21.7	17.4	26.0	
150	12.4	10.0	15.0	





#61

4-Chlorophenyl-phenylether

Concen: 46.952 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

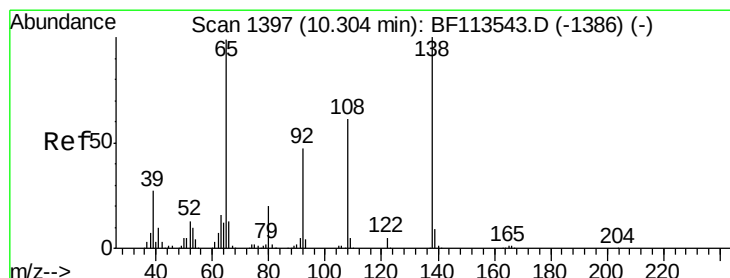
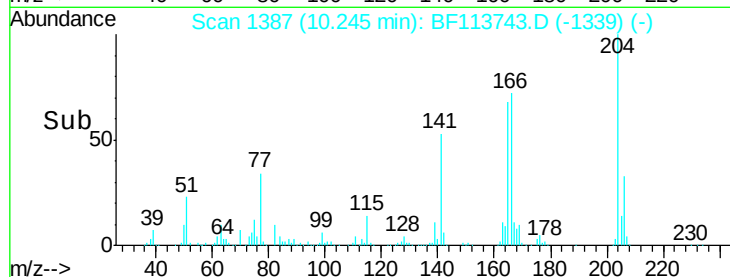
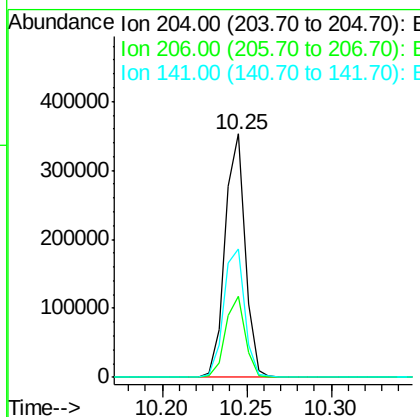
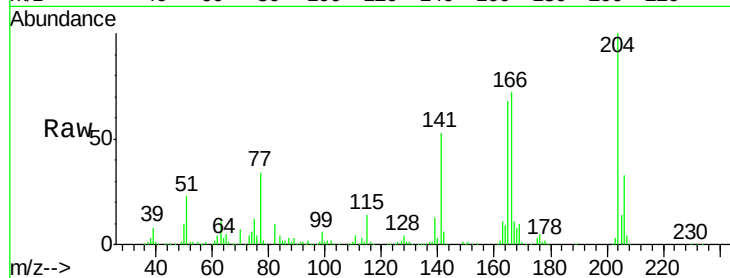
ClientSampled :

TP-9-SMSD

Tgt Ion:	204	Resp:	292664
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.9	40.3
141	52.5	48.8	73.2

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#62

4-Nitroaniline

Concen: 37.292 ng

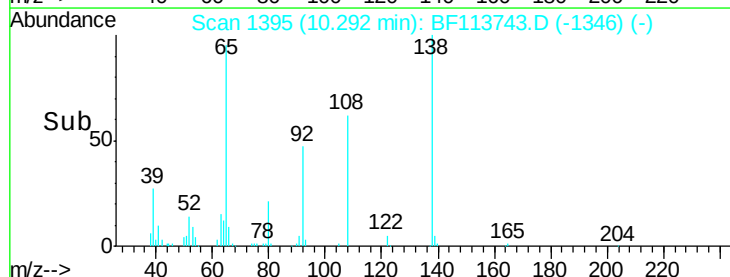
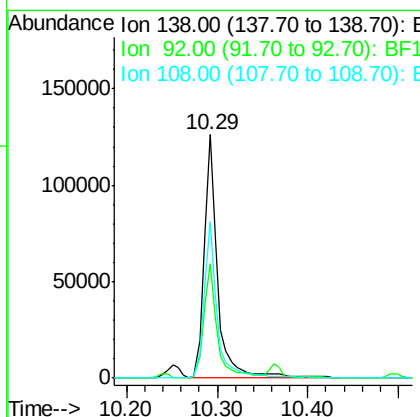
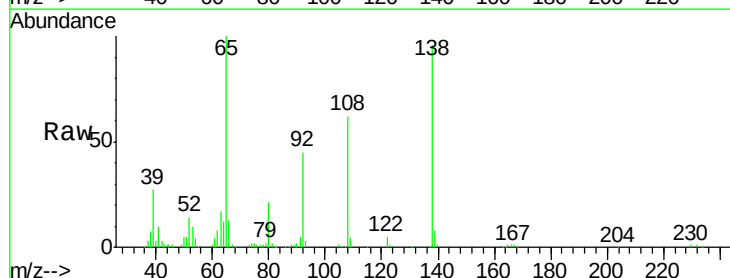
RT: 10.29 min Scan# 1395

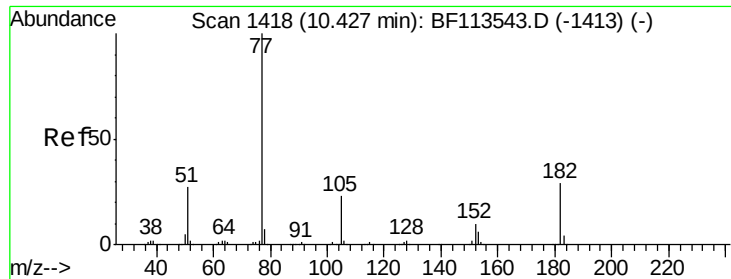
Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	138	Resp:	131575
Ion Ratio	Lower	Upper	
138	100		
92	46.9	25.8	65.8
108	64.4	44.0	84.0





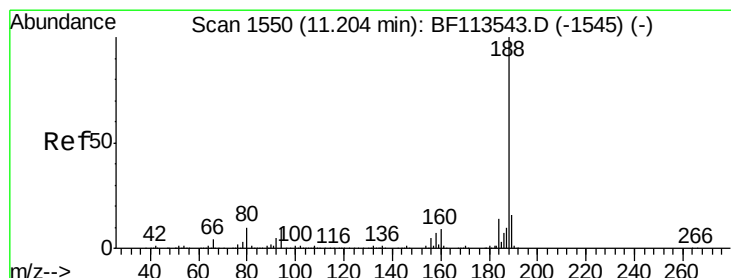
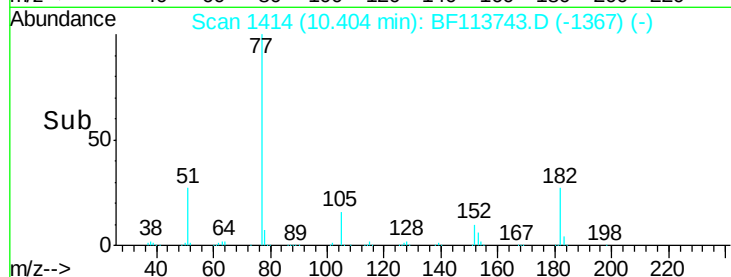
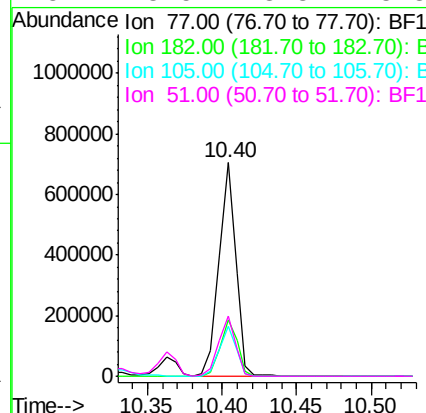
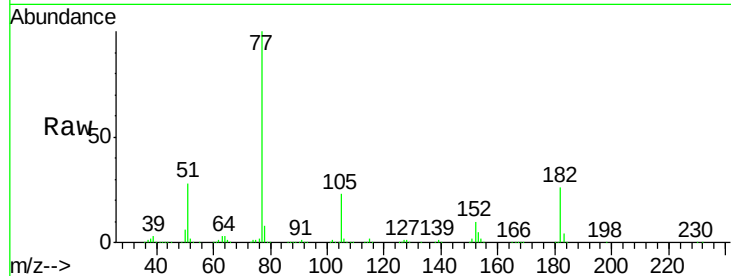
#63
Azobenzene
Concen: 44.019 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampled :
TP-9-SMSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	8.7	48.7
105	23.2	2.9	42.9
51	28.5	8.8	48.8

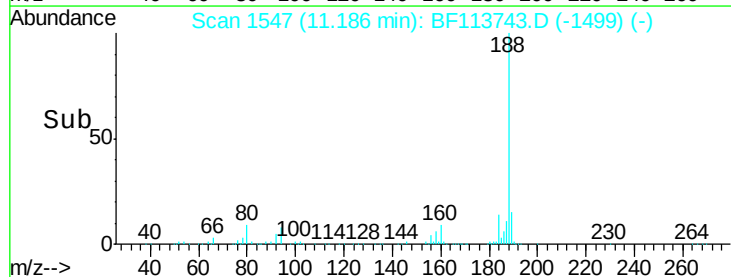
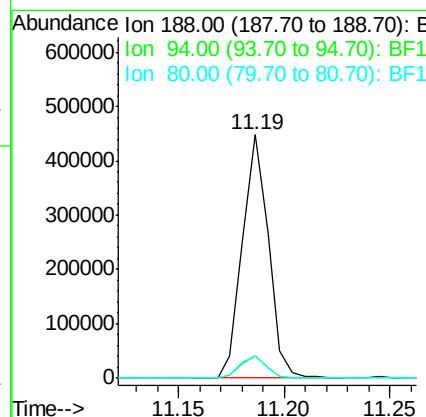
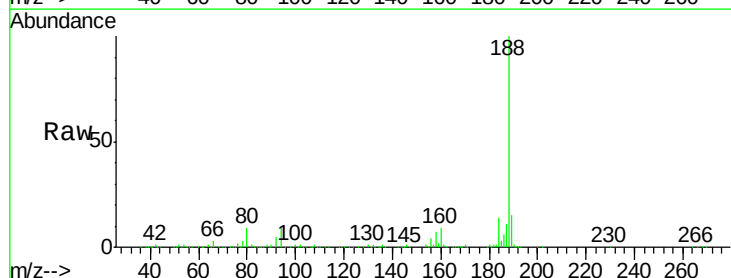
Manual Integrations
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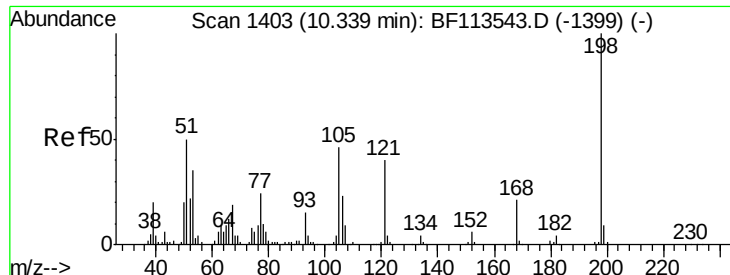
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	9.3	7.7	11.5





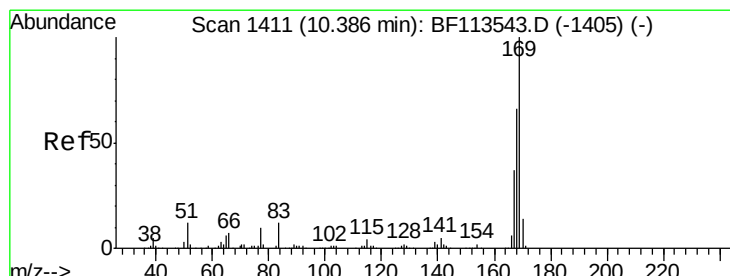
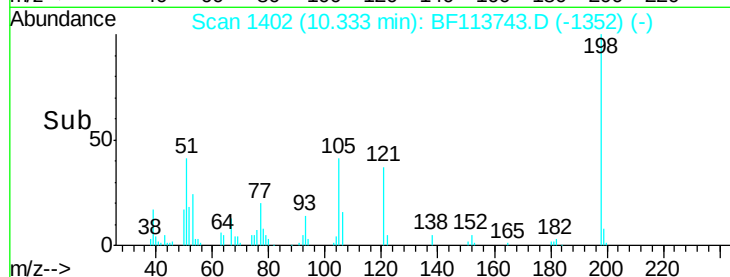
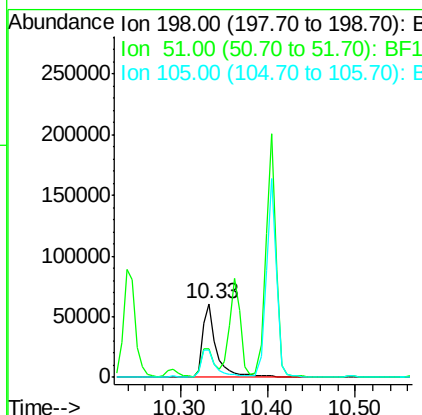
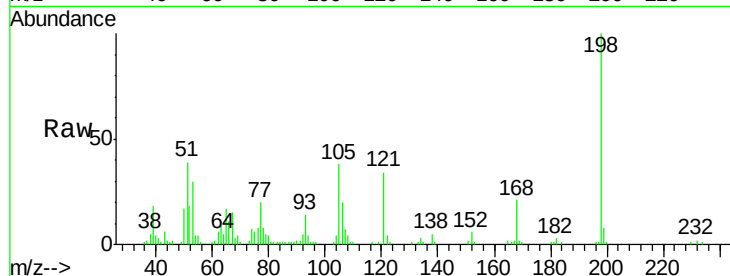
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.620 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_F
 ClientSampled :
 TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	67659		
51	38.8	21.6	61.6	
105	37.8	20.6	60.6	

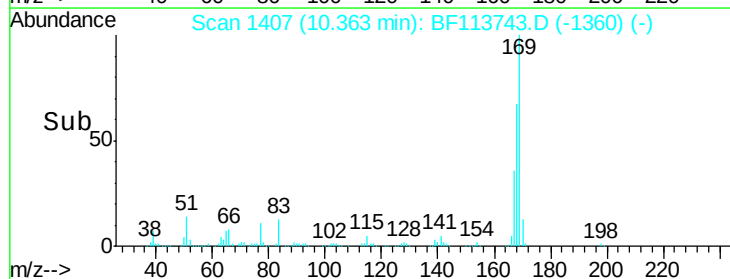
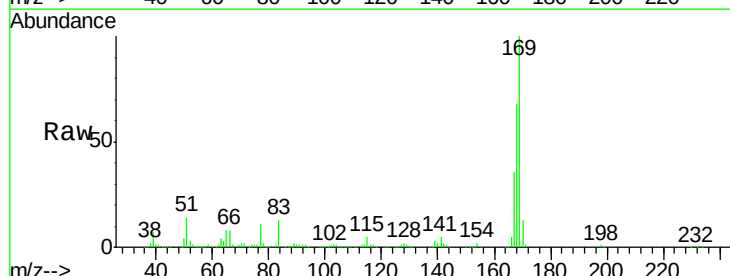
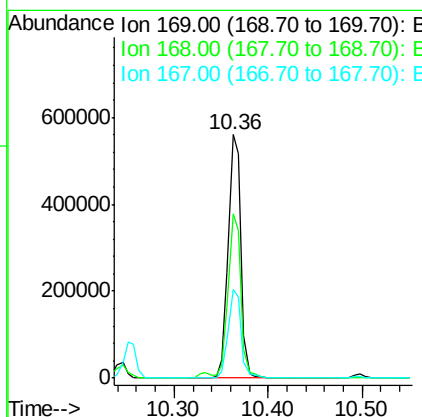
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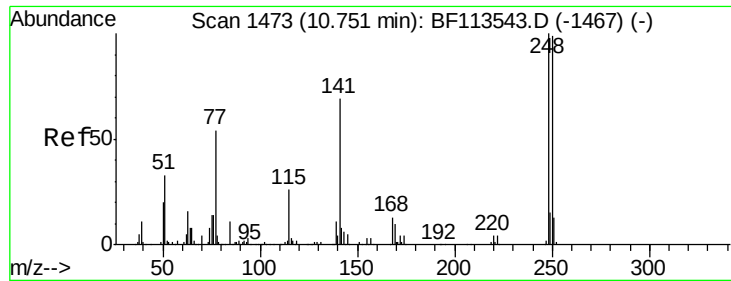
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 44.992 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	527997		
168	67.7	53.7	80.5	
167	36.5	29.5	44.3	





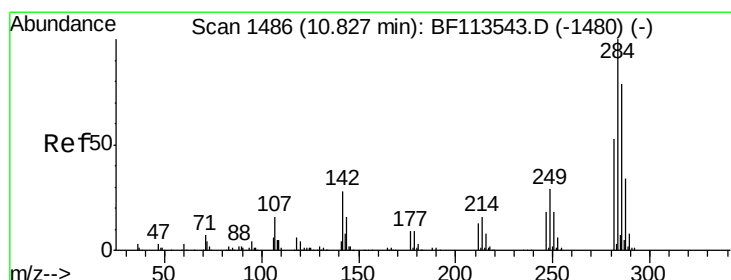
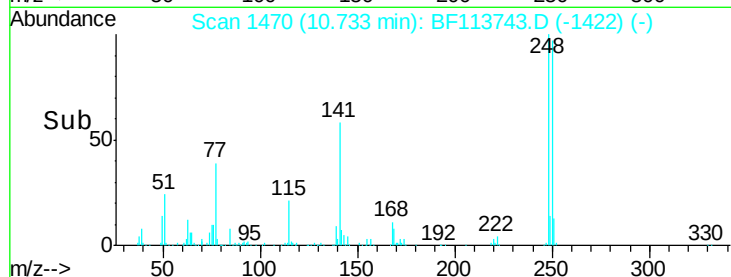
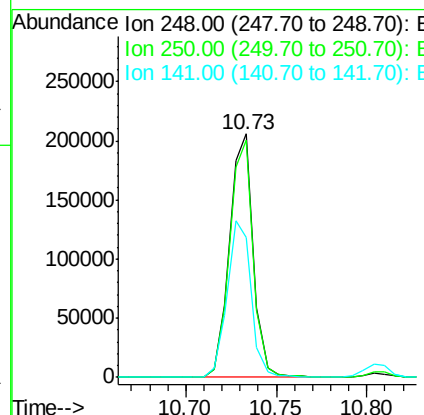
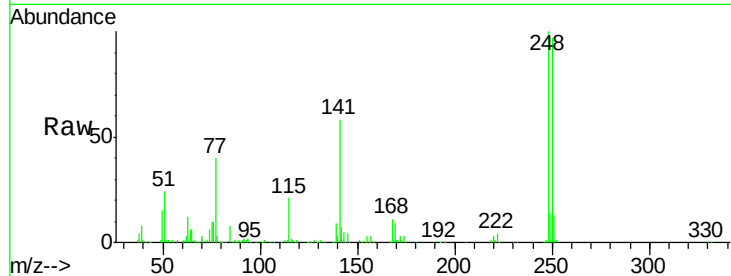
#67
 4-Bromophenyl-phenylether
 Concen: 43.665 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.3	117.5
141	57.6	56.2	84.4

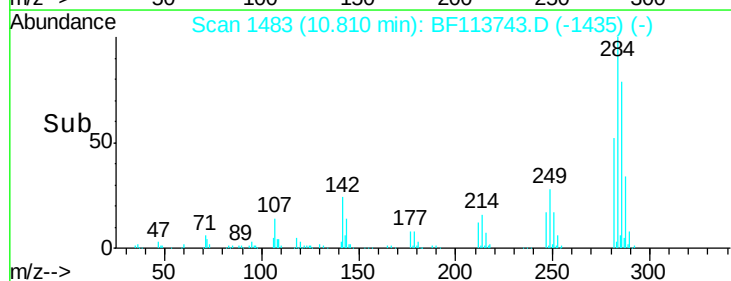
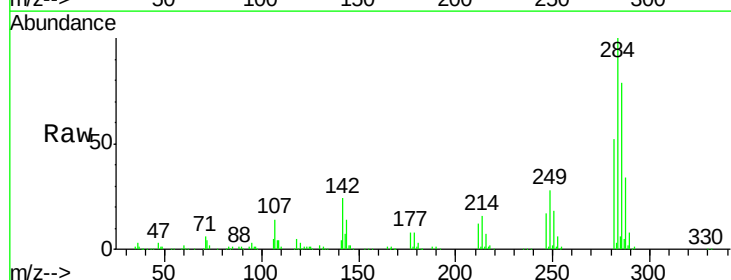
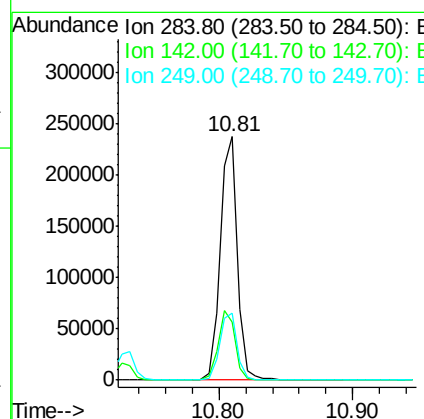
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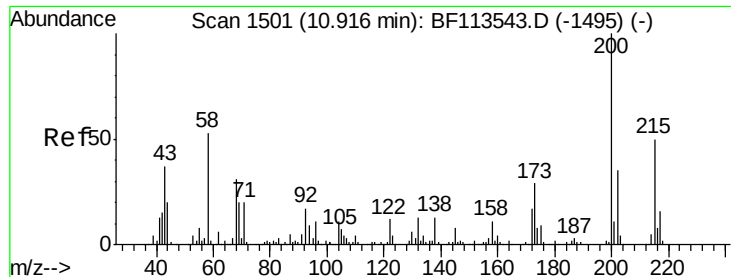
Sohil
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#68
 Hexachlorobenzene
 Concen: 43.718 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.0	20.1	30.1
249	27.5	22.7	34.1





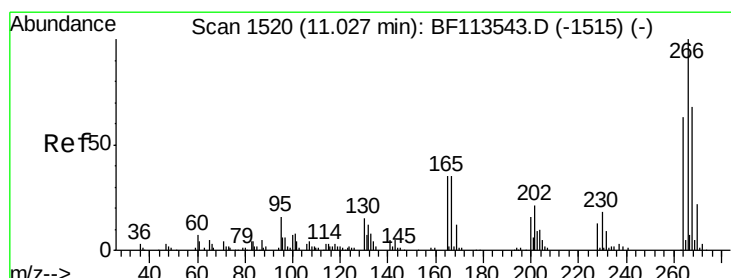
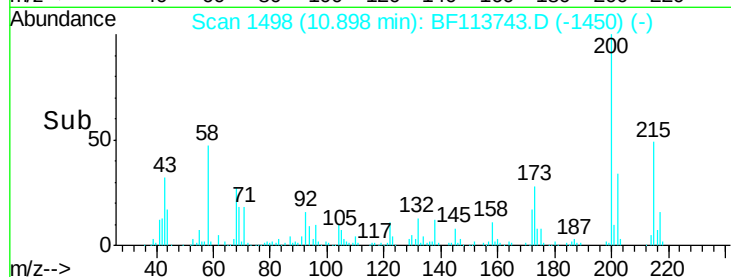
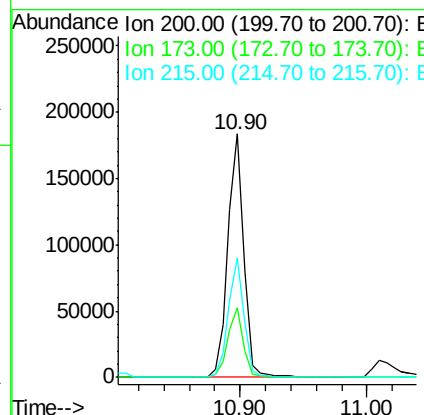
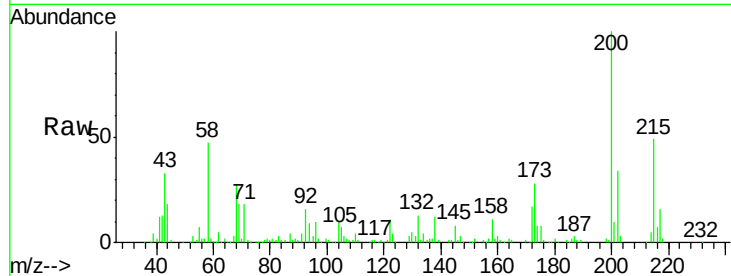
#69
Atrazine
Concen: 43.461 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	160758		
173	28.4	6.0	46.0	
215	49.2	31.3	71.3	

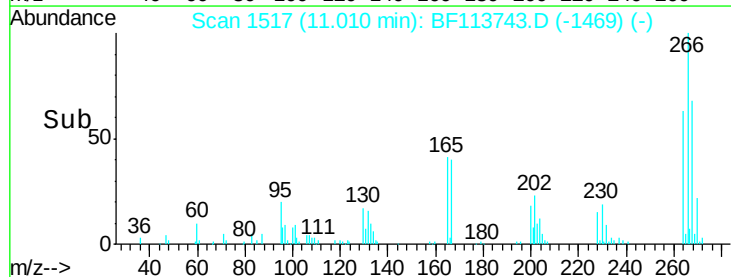
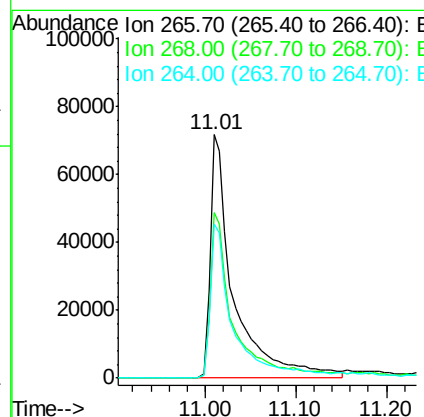
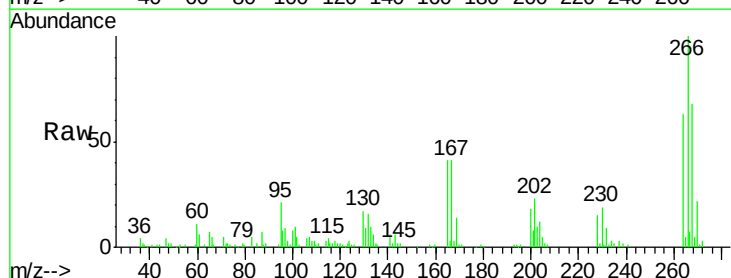
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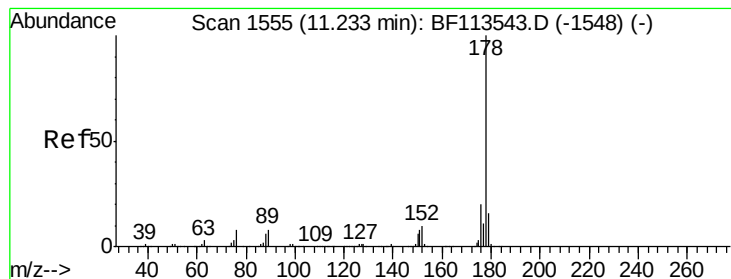
Sohil
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#70
Pentachlorophenol
Concen: 56.369 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	130482		
268	67.8	53.8	80.6	
264	63.2	49.2	73.8	





#71

Phenanthrene

Concen: 44.424 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

Tgt Ion:178 Resp: 843827

Ion Ratio Lower Upper

178 100

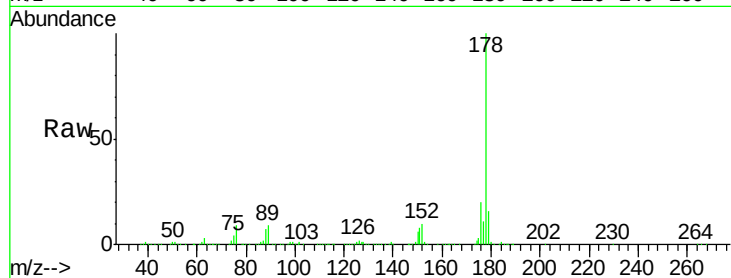
176 19.8 16.2 24.2

179 16.0 12.7 19.1

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Sohil

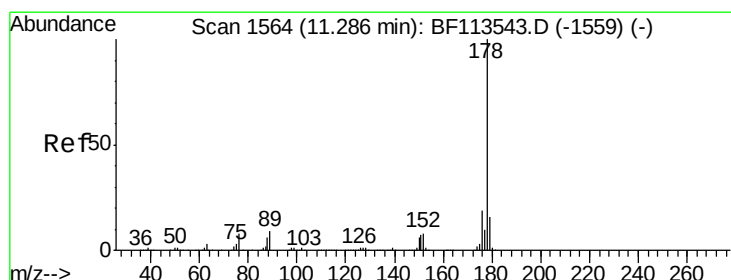
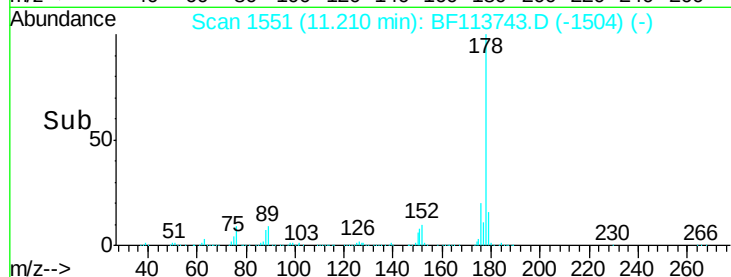
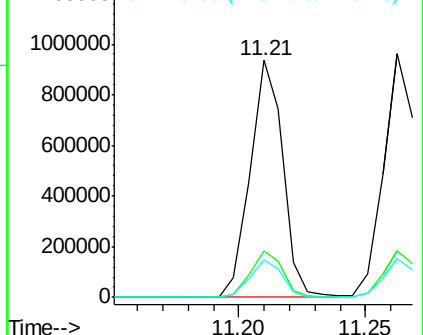
4/15/2019 12:27:29 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.607 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:178 Resp: 900728

Ion Ratio Lower Upper

178 100

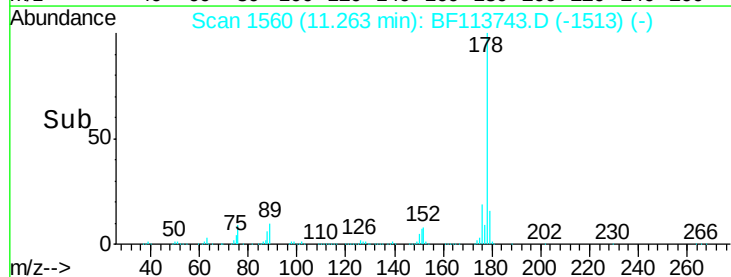
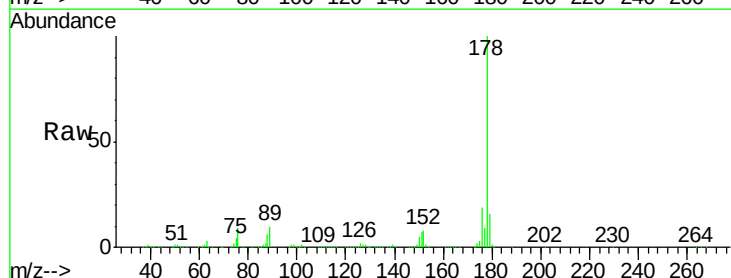
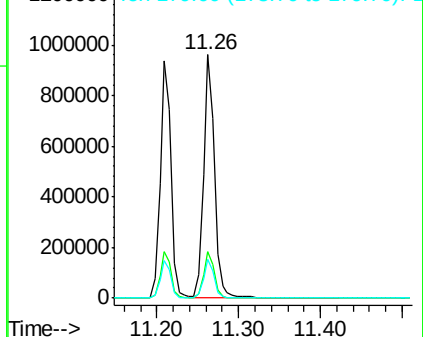
176 19.1 15.4 23.2

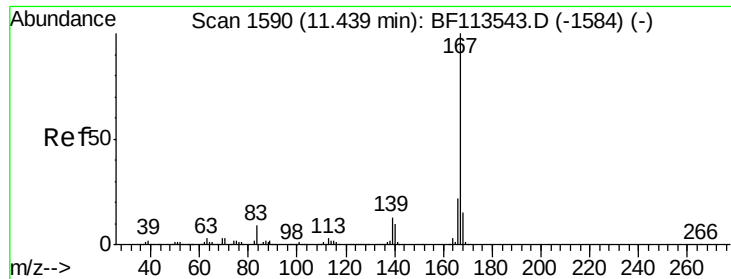
179 15.9 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





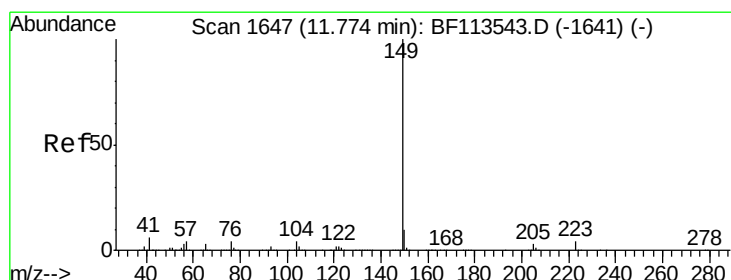
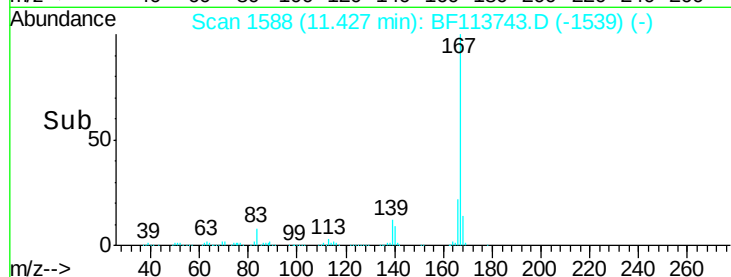
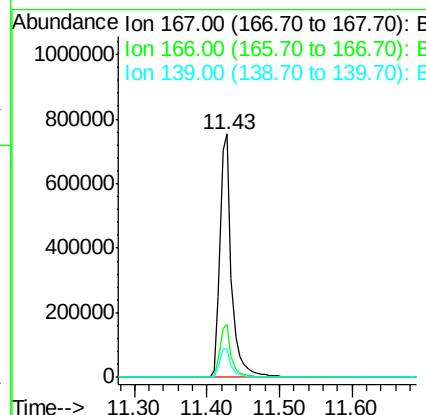
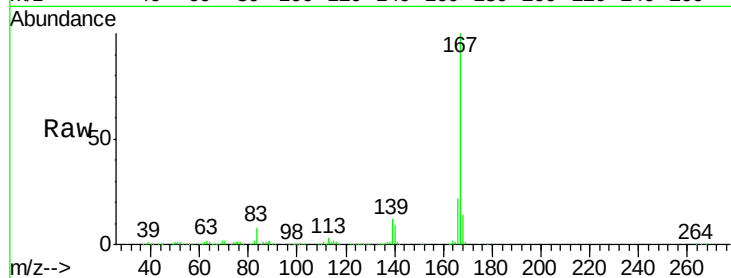
#73
 Carbazole
 Concen: 46.190 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	834902		
166	21.5		17.4	26.0
139	11.7		10.4	15.6

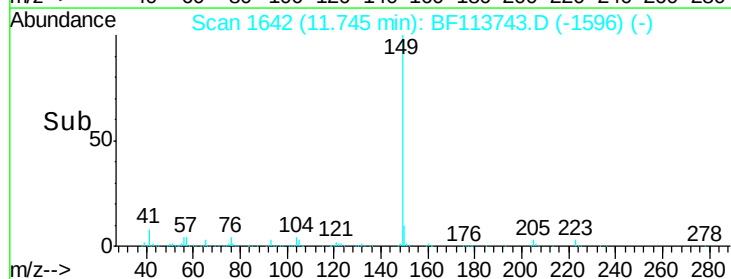
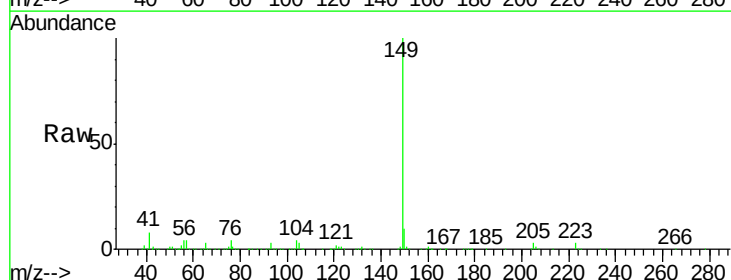
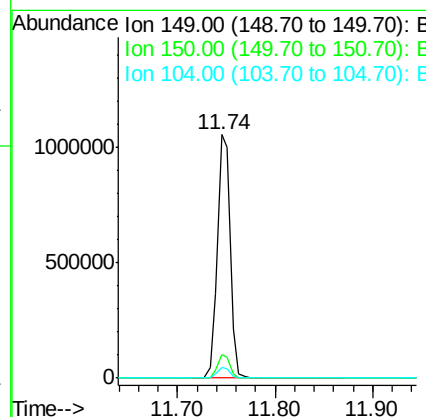
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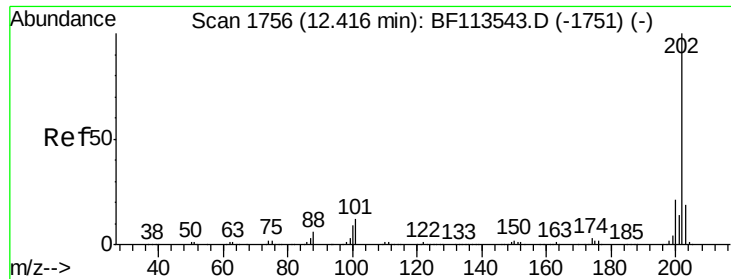
Sohil
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#74
 Di-n-butylphthalate
 Concen: 44.777 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	962799		
150	9.7		7.7	11.5
104	4.5		3.7	5.5





#75

Fluoranthene

Concen: 45.359 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

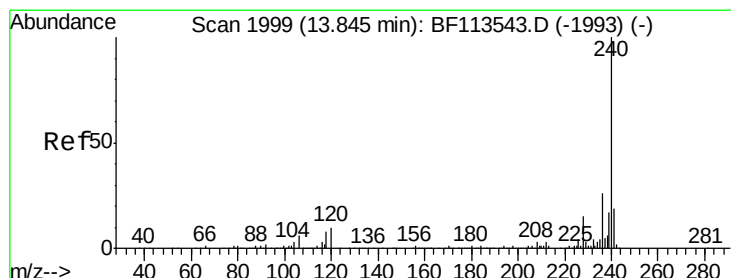
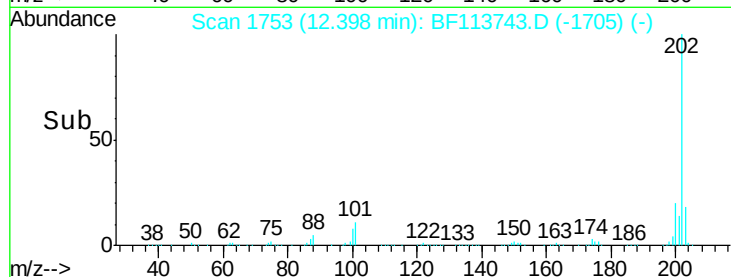
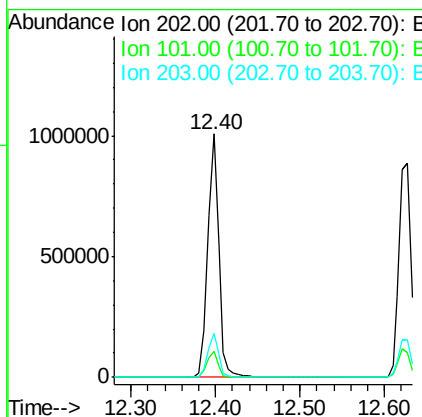
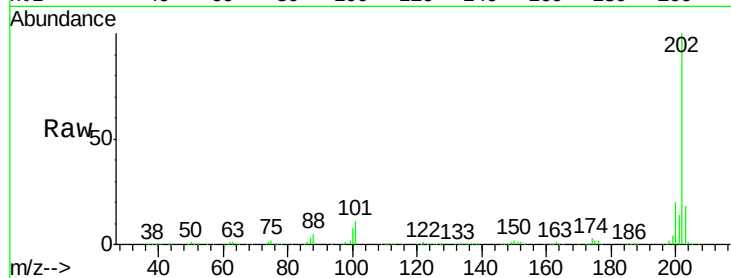
ClientSampled :

TP-9-SMSD

Tgt Ion:	202	Resp:	923255
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.4
203	17.8	0.0	38.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

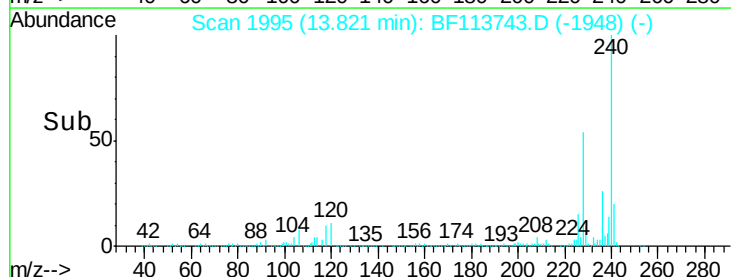
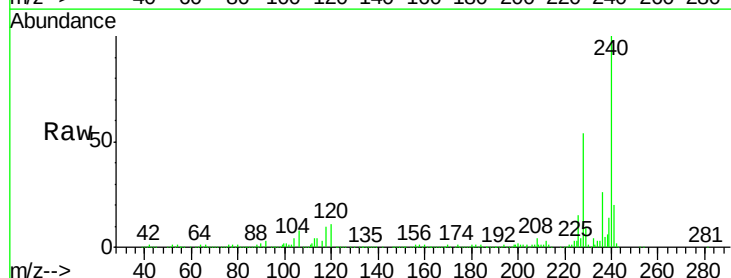
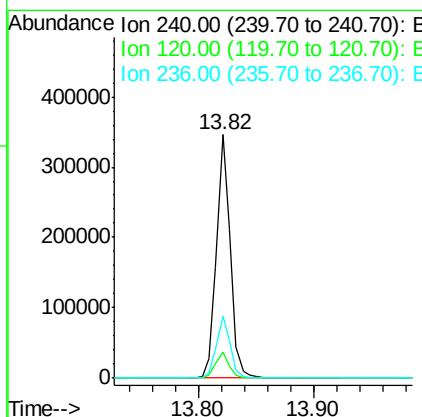
RT: 13.82 min Scan# 1995

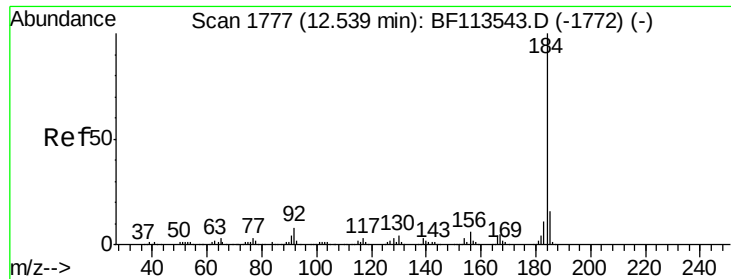
Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	240	Resp:	286629
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.8	13.2
236	25.6	20.9	31.3





#77

Benzidine

Concen: 13.273 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

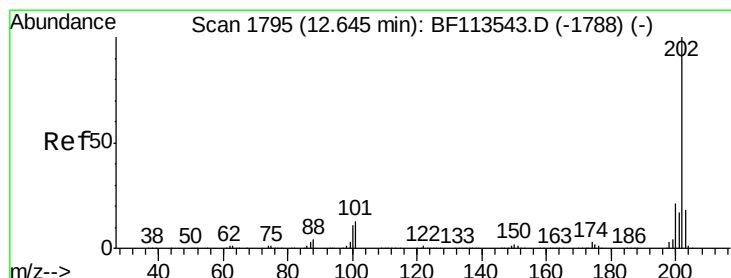
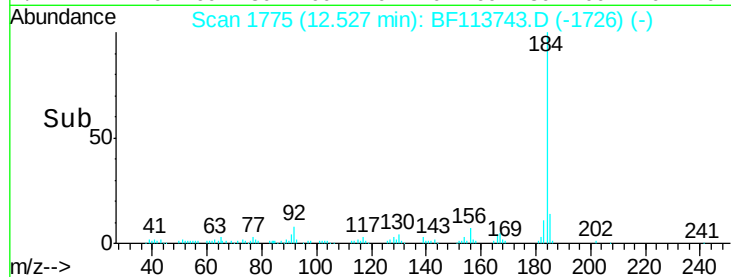
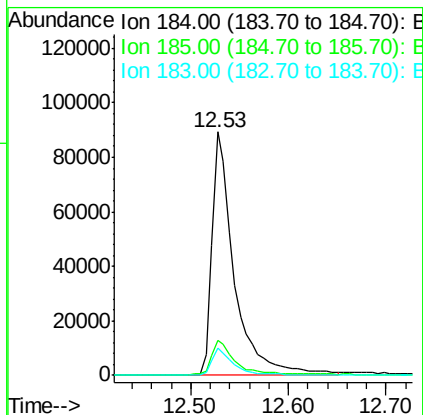
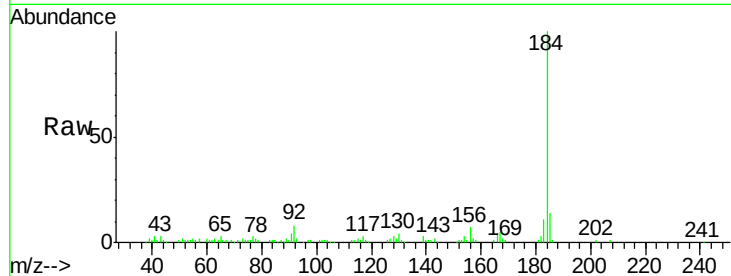
ClientSampleId :

TP-9-SMSD

Tgt Ion:	184	Resp:	141475
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.0	19.6
183	11.0	9.0	13.4

Manual Integrations
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#78

Pyrene

Concen: 42.079 ng

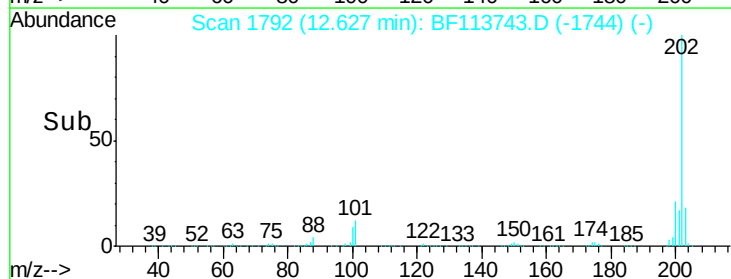
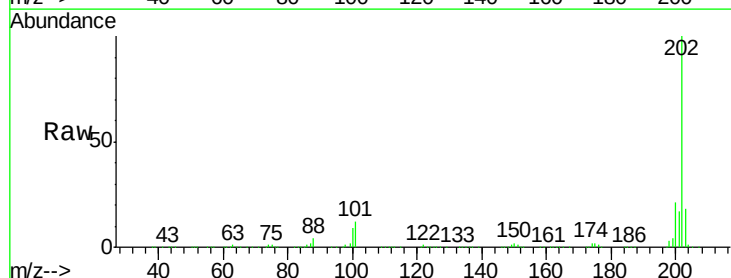
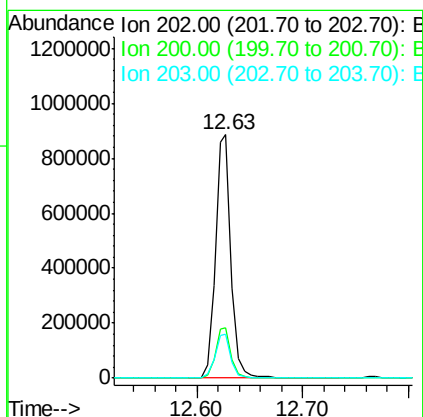
RT: 12.63 min Scan# 1792

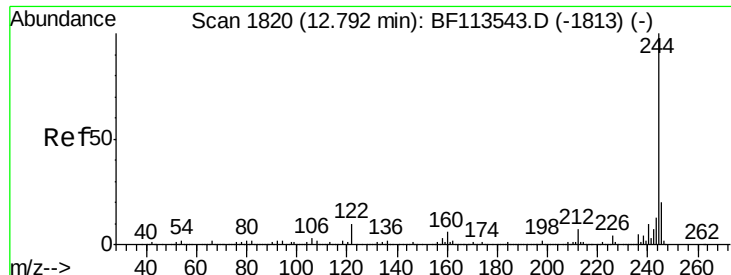
Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	202	Resp:	917720
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.8	25.2
203	17.8	14.4	21.6





#79

Terphenyl-d14

Concen: 84.421 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

ClientSampleId :

TP-9-SMSD

Tgt Ion:244 Resp: 1188470

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

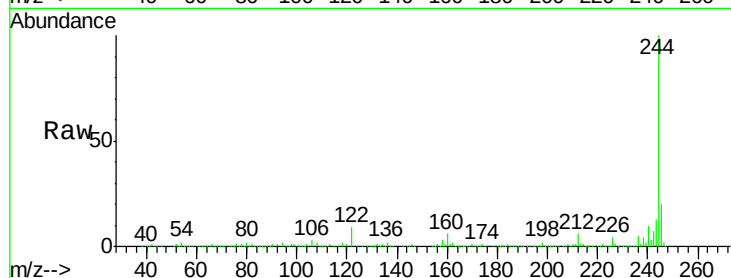
122 9.4 8.6 13.0

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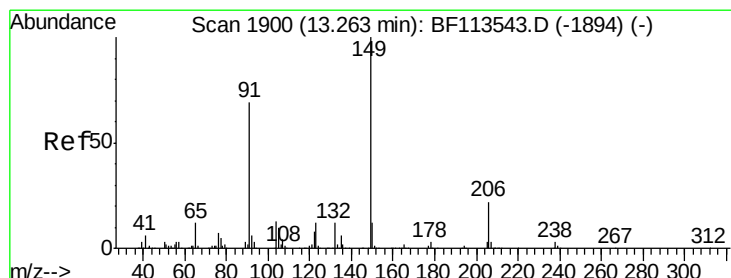
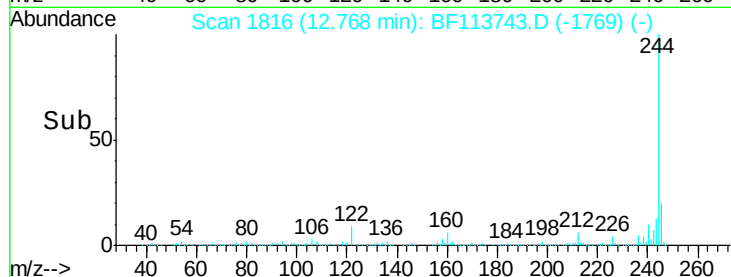
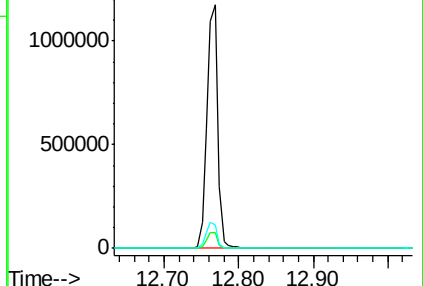
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.118 ng

RT: 13.24 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

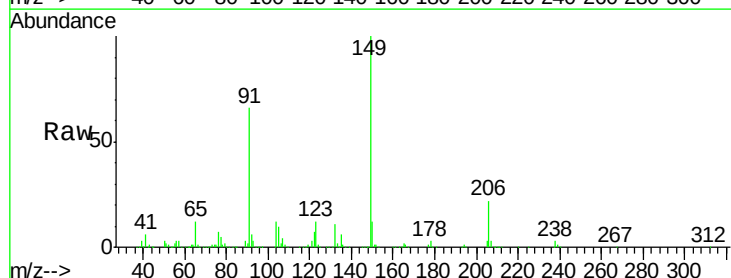
Tgt Ion:149 Resp: 391669

Ion Ratio Lower Upper

149 100

91 65.5 55.2 82.8

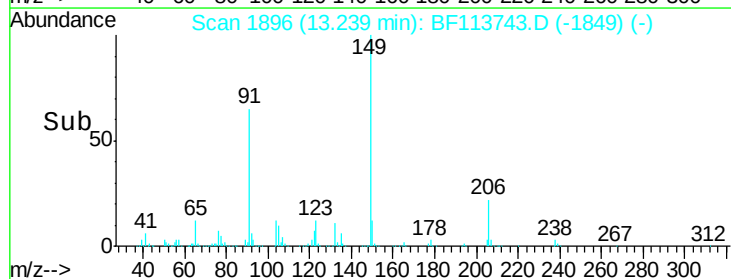
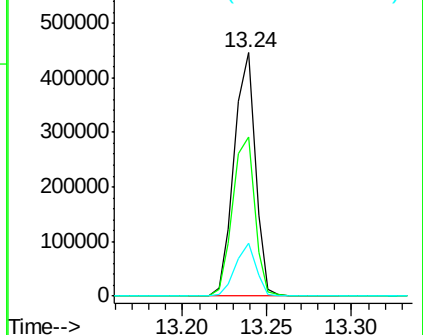
206 21.9 16.1 24.1

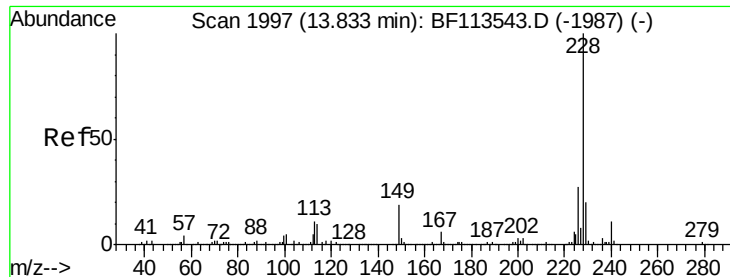


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.882 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Instrument :

BNA_F

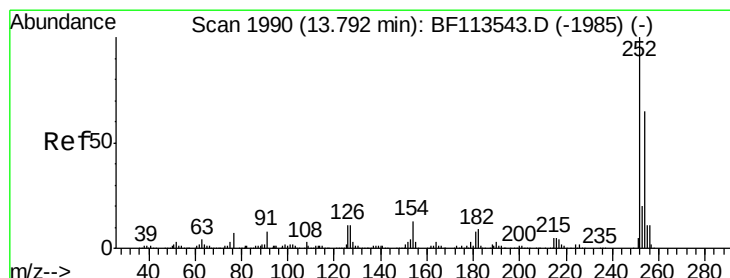
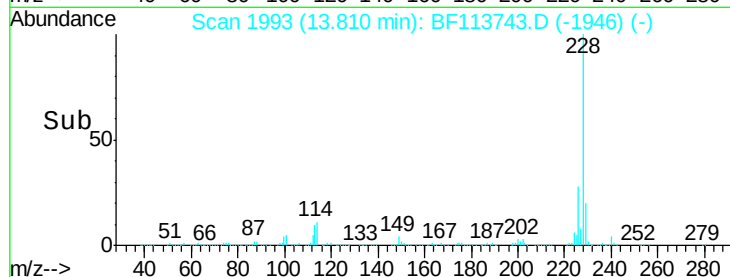
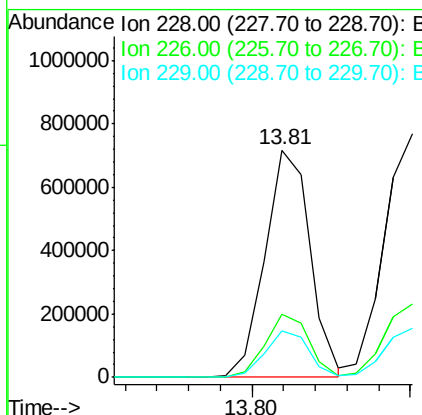
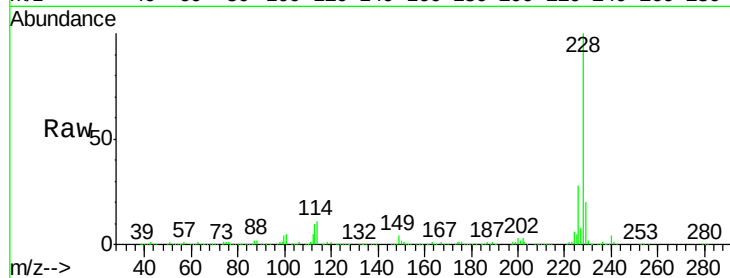
ClientSampled :

TP-9-SMSD

Tgt Ion:	228	Resp:	709027
Ion Ratio	Lower	Upper	
228	100		
226	27.5	21.8	32.8
229	20.2	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 18.237 ng

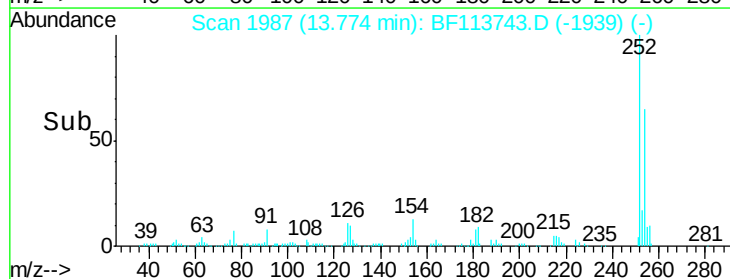
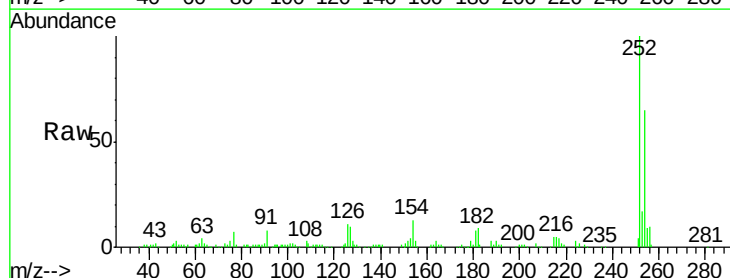
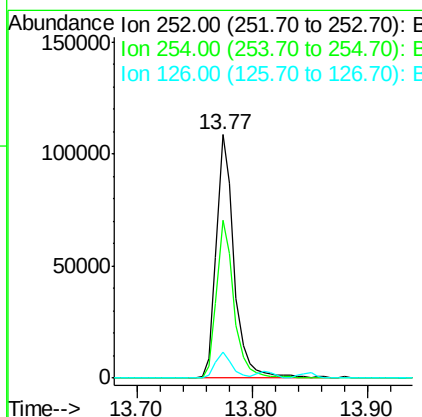
RT: 13.77 min Scan# 1987

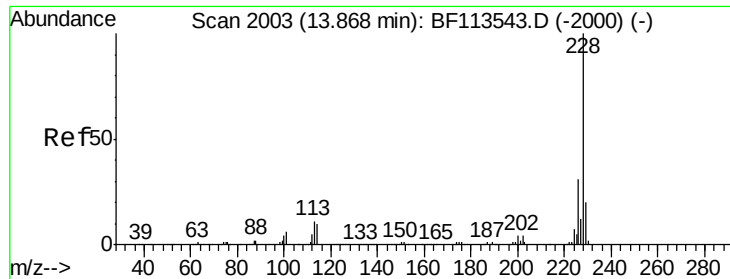
Delta R.T. -0.02 min

Lab File: BF113743.D

Acq: 12 Apr 2019 17:29

Tgt Ion:	252	Resp:	116139
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.2	78.2
126	10.7	8.5	12.7





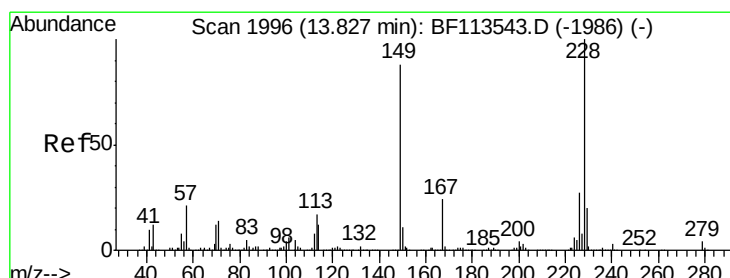
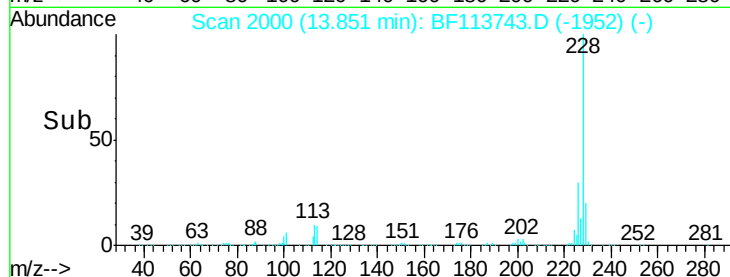
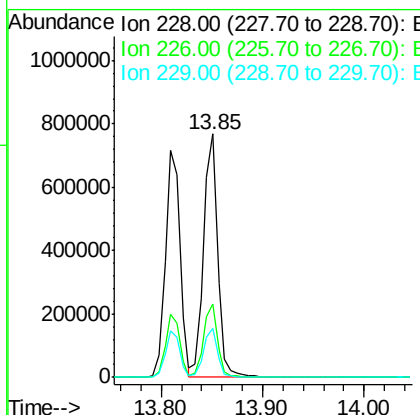
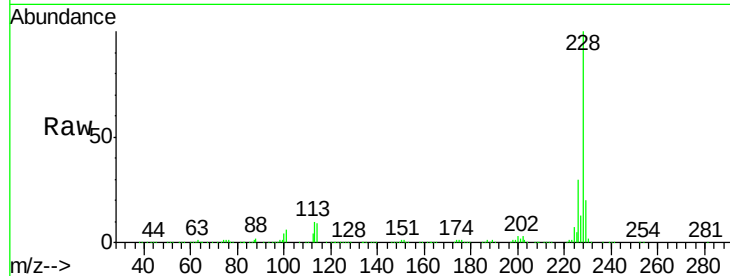
#83
 Chrysene
 Concen: 44.235 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Instrument :
 BNA_F
 ClientSampled :
 TP-9-SMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	20.1	16.3	24.5

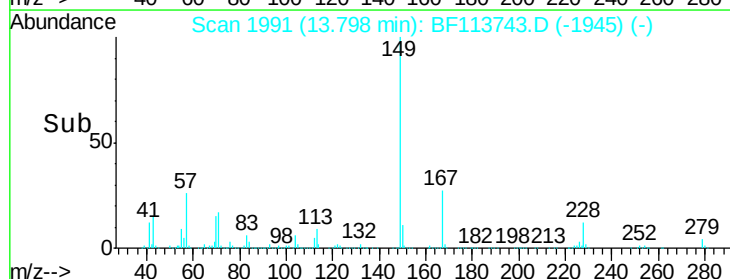
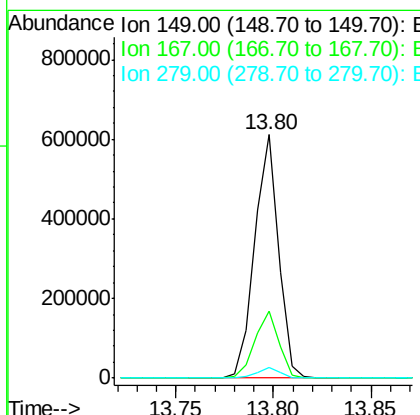
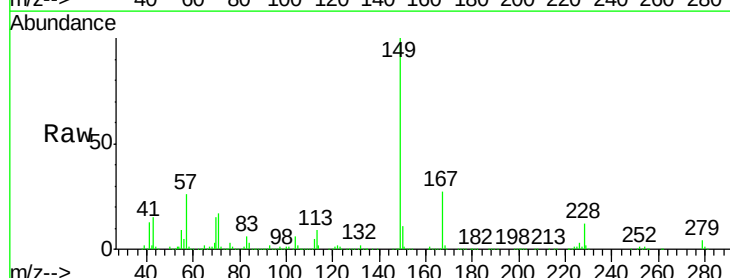
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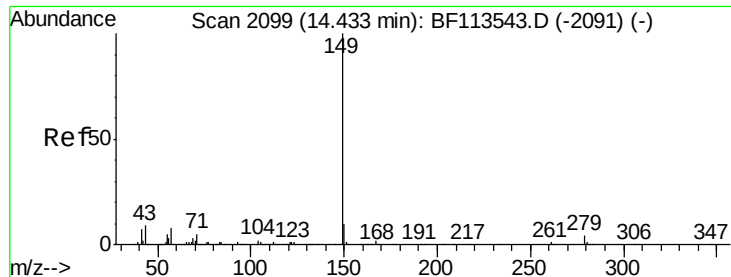
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.321 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.03 min
 Lab File: BF113743.D
 Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.2	2.9	4.3





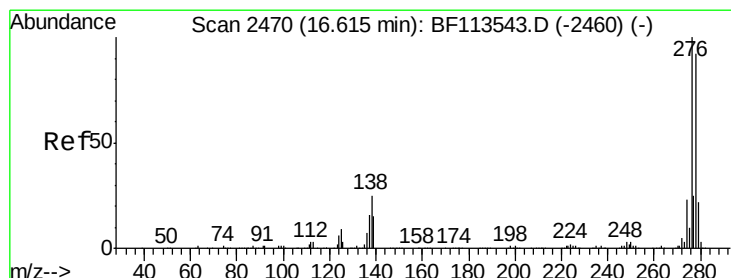
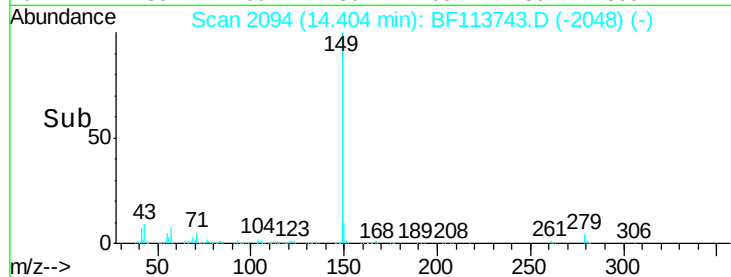
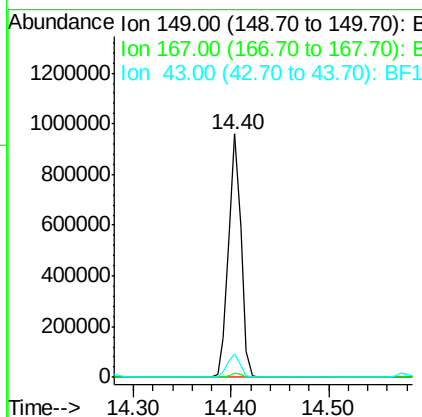
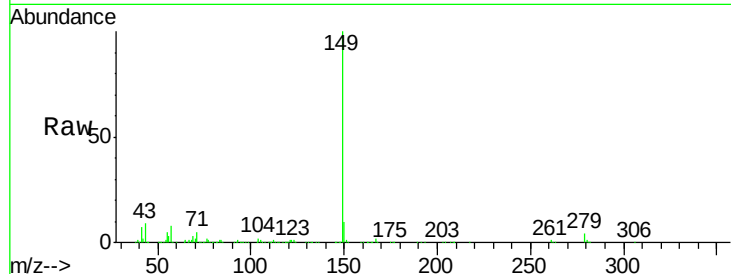
#85
Di-n-octyl phthalate
Concen: 49.010 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	855095		
167	1.7		1.3	1.9
43	9.5		7.7	11.5

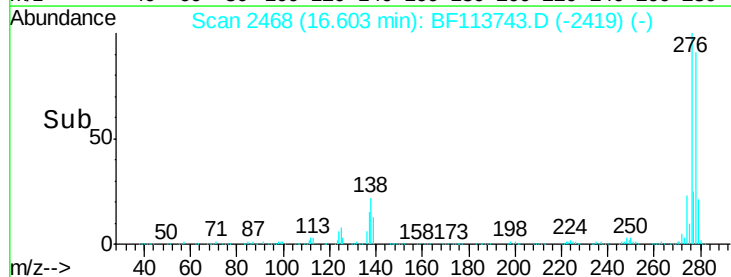
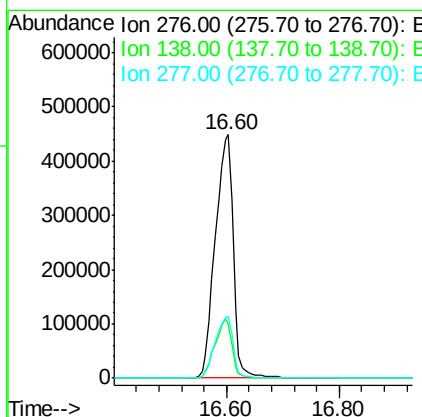
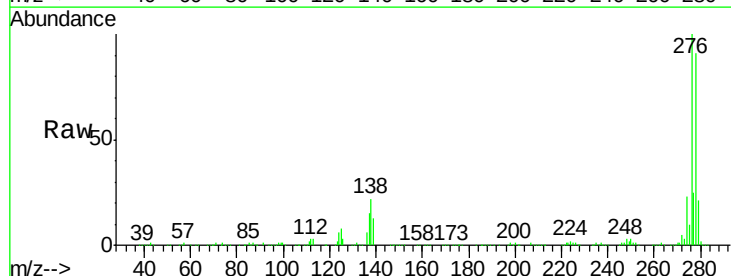
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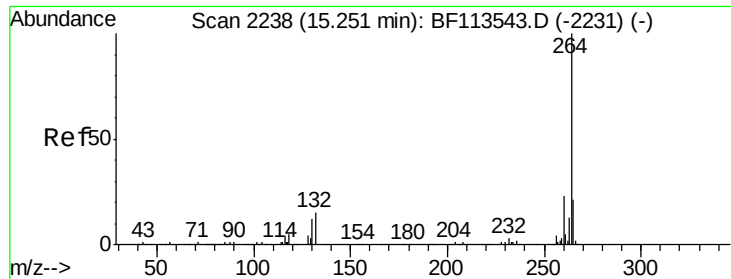
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 64.175 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	993119		
138	23.3		18.1	27.1
277	25.2		20.2	30.4





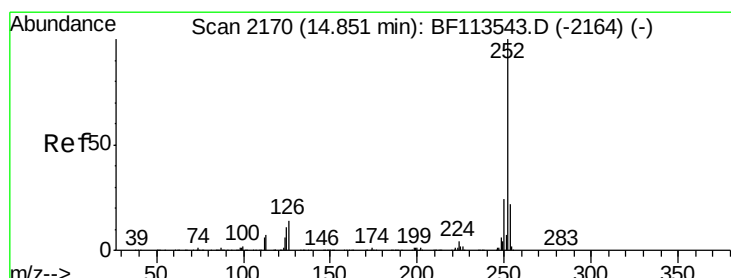
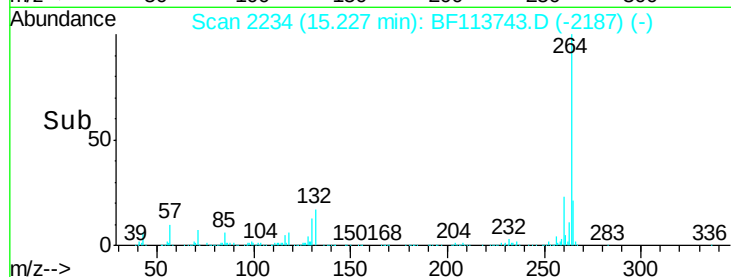
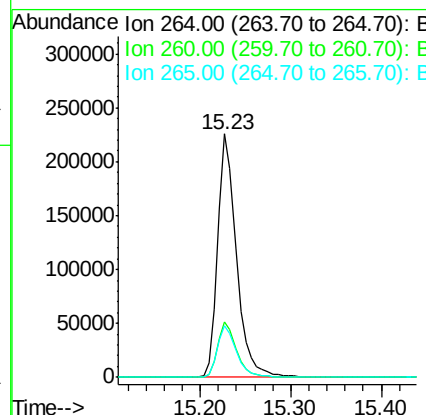
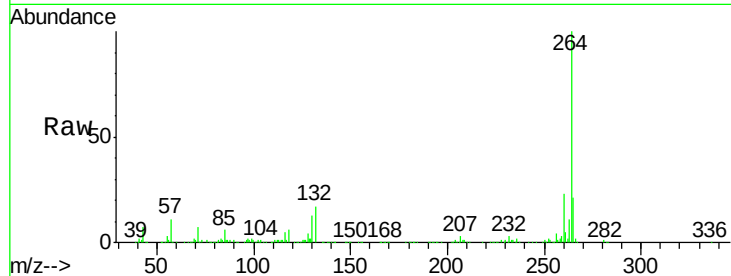
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	21.3	17.1	25.7

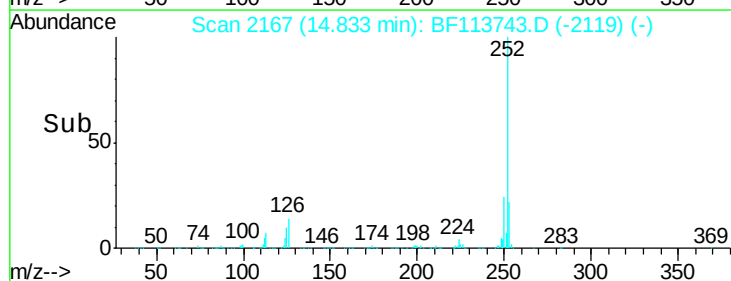
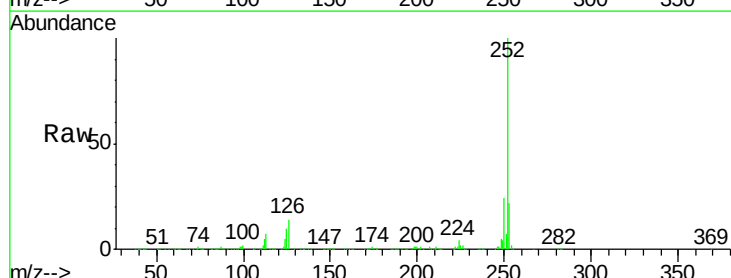
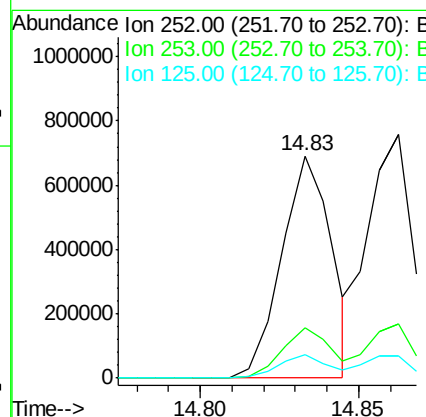
Manual Integrations
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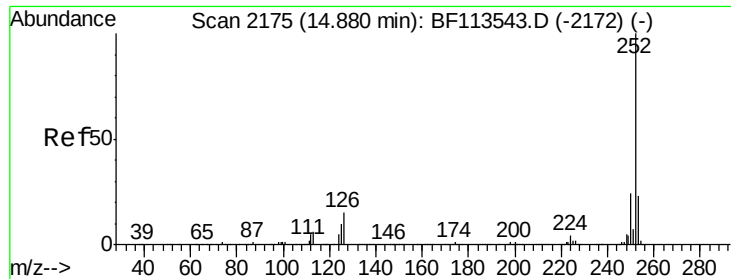
Sohil
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#88
Benzo(b)fluoranthene
Concen: 38.124 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.3	7.6	11.4





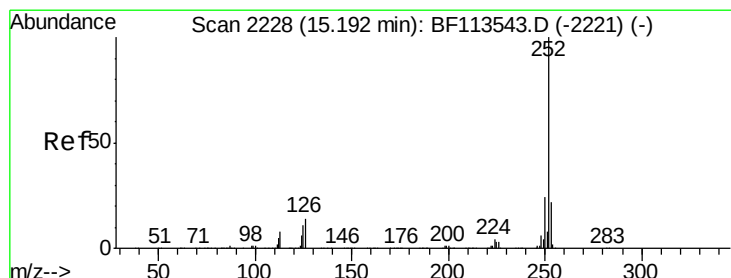
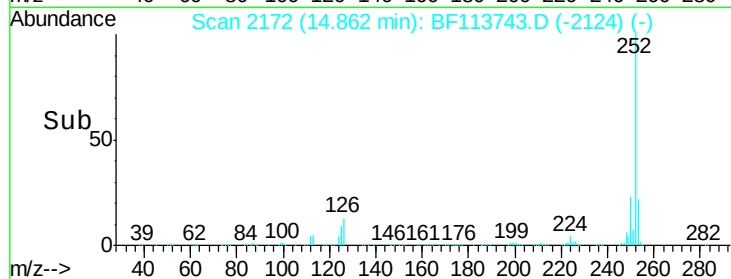
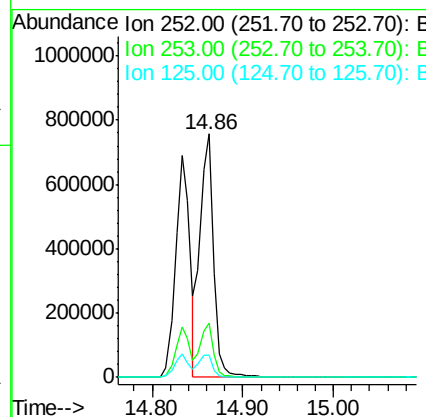
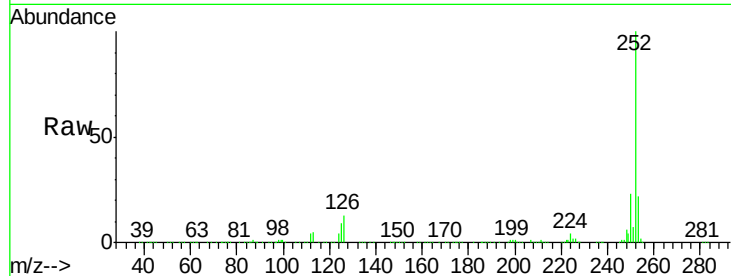
#89
Benzo(k)fluoranthene
Concen: 43.830 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampled :
TP-9-SMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.0	7.3	10.9

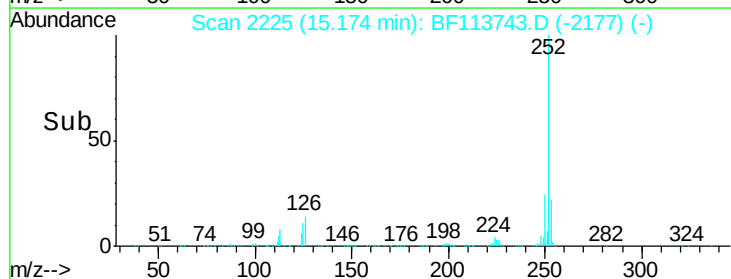
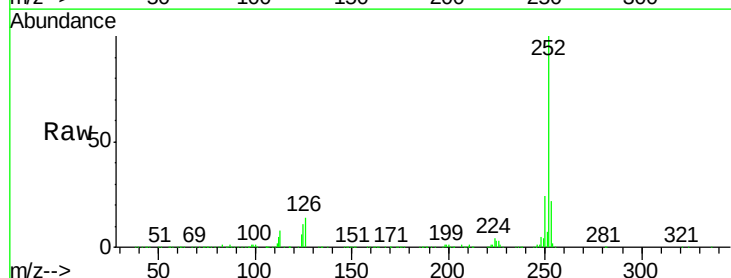
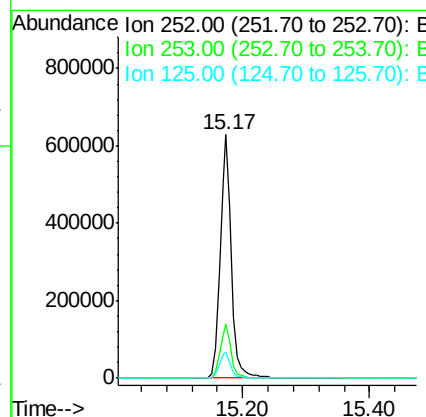
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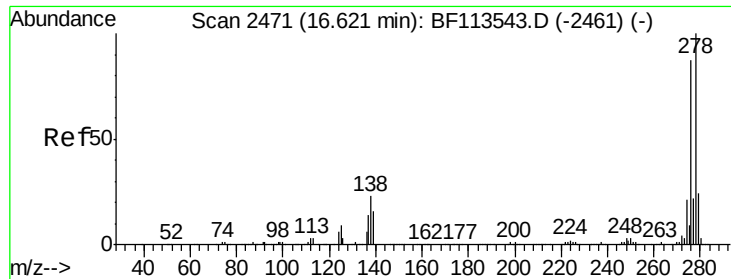
Sohil
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#90
Benzo(a)pyrene
Concen: 44.849 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.8	8.8	13.2





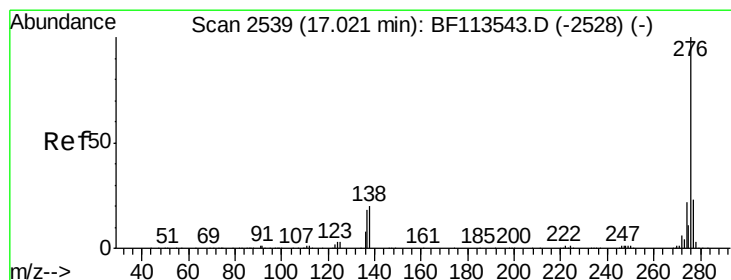
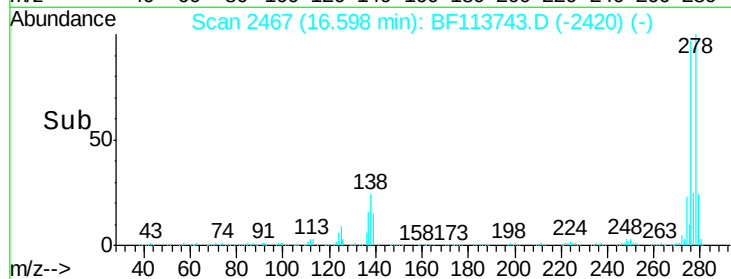
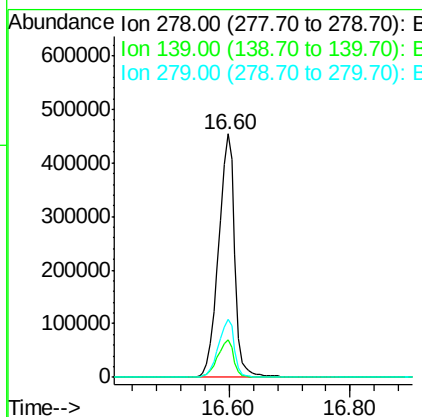
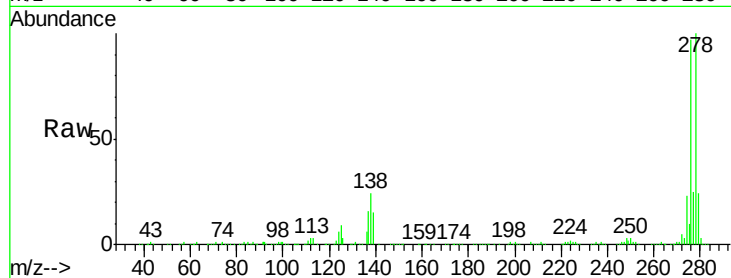
#91
Dibenzo(a,h)anthracene
Concen: 50.751 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_F
ClientSampleId :
TP-9-SMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.0	18.0
279	23.8	19.0	28.6

Manual Integrations
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4/15/2019 12:27:29 AM



#92
Benzo(g,h,i)perylene
Concen: 51.685 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF113743.D
Acq: 12 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	21.1	15.6	23.4

