

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
 Data File : BF113624.D
 Acq On : 5 Apr 2019 19:31
 Operator : JU/SJ
 Sample : K2193-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-AMS

Manual Integrations
 APPROVED

Sohil
 4/8/2019 9:48:15 AM

Quant Time: Apr 06 01:21:03 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	6.68	152	117712	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	446376	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	224891	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	458684	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	324212	20.00	ng	-0.02
87) Perylene-d12	15.23	264	299807	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	737541	106.84	ng	0.02
7) Phenol-d6	6.35	99	902479	106.07	ng	0.00
23) Nitrobenzene-d5	7.25	82	610077	80.06	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	326405	120.82	ng	0.00
45) 2-Fluorobiphenyl	9.04	172	1176556	84.22	ng	-0.01
79) Terphenyl-d14	12.77	244	1362558	85.57	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	106581	32.599	ng	# 82
3) Pyridine	3.17	79	241263	28.198	ng	98
4) n-Nitrosodimethylamine	3.06	42	128690	35.400	ng	92
6) Aniline	6.36	93	43860	4.253	ng	# 1
8) 2-Chlorophenol	6.48	128	291241	36.466	ng	94
9) Benzaldehyde	6.23	77	157418	31.117	ng	99
10) Phenol	6.36	94	308960	31.796	ng	# 70
11) bis(2-Chloroethyl)ether	6.42	93	287618	38.051	ng	98
12) 1,3-Dichlorobenzene	6.63	146	290812	33.812	ng	96
13) 1,4-Dichlorobenzene	6.70	146	300411	34.563	ng	98
14) 1,2-Dichlorobenzene	6.86	146	278875	35.547	ng	96
15) Benzyl Alcohol	6.84	79	239950	41.711	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	426093	36.216	ng	55
17) 2-Methylphenol	6.96	107	228760	36.960	ng	93
18) Hexachloroethane	7.19	117	105508	33.350	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	206153	39.294	ng	98
20) 3+4-Methylphenols	7.12	107	311117	41.485	ng	91
22) Acetophenone	7.10	105	406479	41.461	ng	# 96
24) Nitrobenzene	7.27	77	300809	38.330	ng	97
25) Isophorone	7.51	82	570029	38.830	ng	98
26) 2-Nitrophenol	7.59	139	162422	38.454	ng	95
27) 2,4-Dimethylphenol	7.63	122	265707	44.003	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	360125	38.802	ng	99
29) 2,4-Dichlorophenol	7.84	162	264749	40.979	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	267723	38.159	ng	99
31) Naphthalene	7.99	128	853304	39.454	ng	99
32) Benzoic acid	7.77	122	63154	13.507	ng	96
33) 4-Chloroaniline	8.06	127	25539	2.978	ng	97
34) Hexachlorobutadiene	8.10	225	156813	36.660	ng	99
35) Caprolactam	8.42	113	69806m	34.038	ng	
36) 4-Chloro-3-methylphenol	8.55	107	262250	40.436	ng	99
37) 2-Methylnaphthalene	8.68	142	586054	41.200	ng	99
38) 1-Methylnaphthalene	8.77	142	550634	40.145	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	276624	38.033	ng	100

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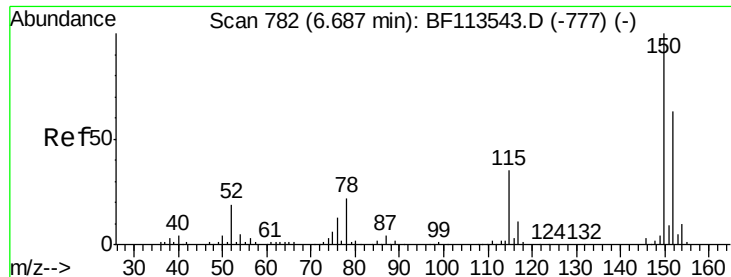
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	158484	65.255	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	191629	41.740	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	200831	40.746	ng	97
46) 1,1'-Biphenyl	9.14	154	729060	39.286	ng	99
47) 2-Chloronaphthalene	9.16	162	552367	39.312	ng	100
48) 2-Nitroaniline	9.27	65	172966	40.230	ng	98
49) Acenaphthylene	9.57	152	895376	39.188	ng	100
50) Dimethylphthalate	9.44	163	671234	40.491	ng	99
51) 2,6-Dinitrotoluene	9.51	165	148535	40.648	ng	97
52) Acenaphthene	9.75	154	528868	40.437	ng	98
53) 3-Nitroaniline	9.68	138	25637	6.171	ng	89
54) 2,4-Dinitrophenol	9.80	184	51828	30.316	ng	90
55) Dibenzofuran	9.92	168	779589	40.635	ng	99
56) 4-Nitrophenol	9.87	139	157158	60.981	ng	94
57) 2,4-Dinitrotoluene	9.92	165	184051	41.646	ng	# 91
58) Fluorene	10.26	166	623335	41.079	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	177203	41.535	ng	97
60) Diethylphthalate	10.14	149	677034	42.360	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	317093	42.485	ng	97
62) 4-Nitroaniline	10.29	138	155290	36.758	ng	98
63) Azobenzene	10.42	77	609306	40.262	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	52195	21.615	ng	95
66) n-Nitrosodiphenylamine	10.37	169	571540	40.588	ng	100
67) 4-Bromophenyl-phenylether	10.74	248	203266	39.513	ng	99
68) Hexachlorobenzene	10.82	284	231280	39.237	ng	# 93
69) Atrazine	10.90	200	178730	40.269	ng	97
70) Pentachlorophenol	11.02	266	165234	59.489	ng	99
71) Phenanthrene	11.22	178	925601	40.610	ng	99
72) Anthracene	11.27	178	959658	41.383	ng	99
73) Carbazole	11.43	167	888673	40.974	ng	99
74) Di-n-butylphthalate	11.76	149	1082855	41.970	ng	100
75) Fluoranthene	12.40	202	1007431	41.248	ng	99
77) Benzidine	12.53	184	193398	16.041	ng	97
78) Pyrene	12.63	202	987201	40.018	ng	100
80) Butylbenzylphthalate	13.24	149	438430	43.661	ng	97
81) Benzo(a)anthracene	13.82	228	734668	39.282	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	43550	6.046	ng	97
83) Chrysene	13.85	228	752199	39.675	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	567109	46.710	ng	98
85) Di-n-octyl phthalate	14.41	149	887255	44.958	ng	99
86) Indeno(1,2,3-cd)pyrene	16.59	276	837545	47.848	ng	99
88) Benzo(b)fluoranthene	14.83	252	704448	38.386	ng	99
89) Benzo(k)fluoranthene	14.86	252	668051	40.561	ng	100
90) Benzo(a)pyrene	15.17	252	675080	41.397	ng	99
91) Dibenzo(a,h)anthracene	16.59	278	707328	46.382	ng	99
92) Benzo(g,h,i)perylene	16.99	276	730347	46.921	ng	99

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



#1

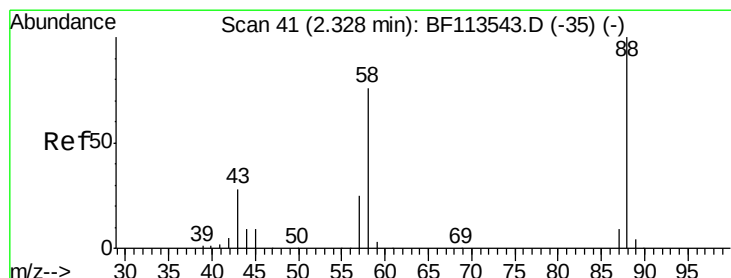
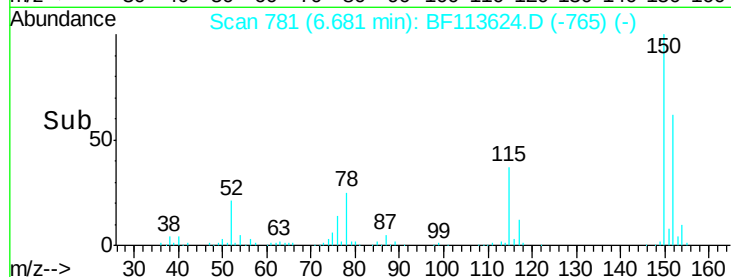
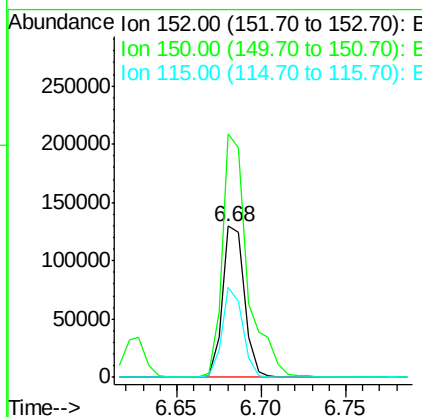
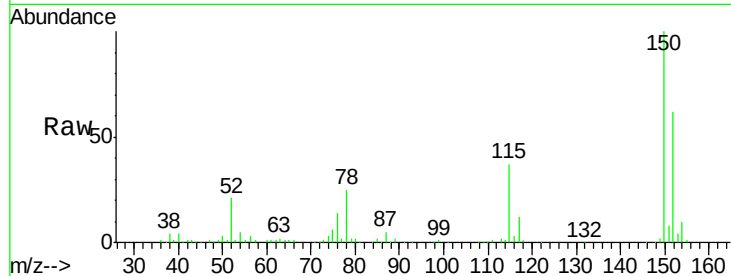
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.7	187.1
115	59.5	46.0	69.0

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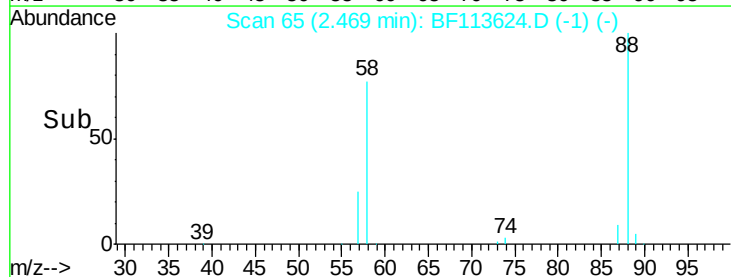
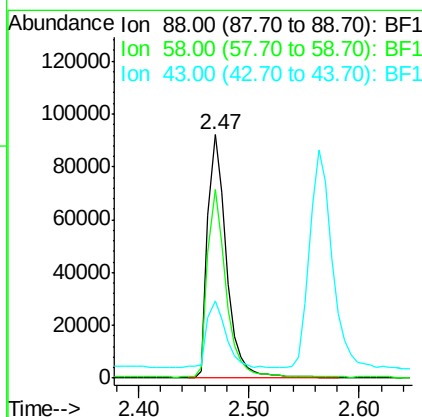
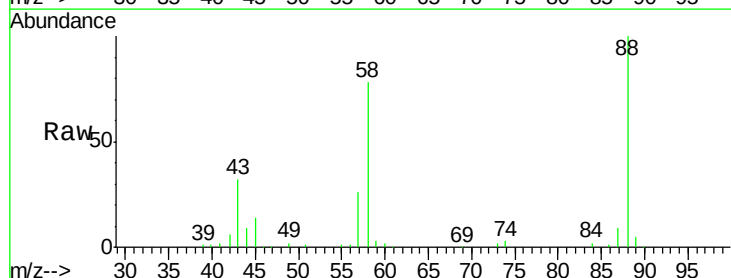
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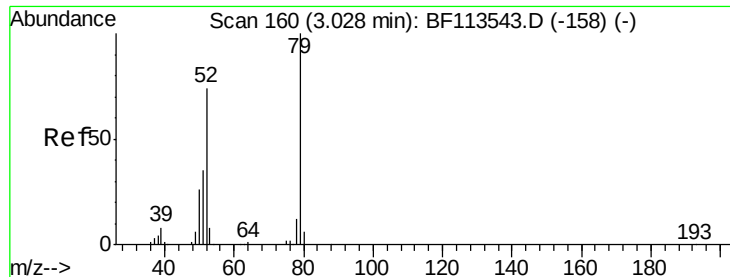


#2

1,4-Dioxane
Concen: 32.599 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.14 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	61.9	92.9
43	0.0	24.2	36.4





#3

Pyridine

Concen: 28.198 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.14 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

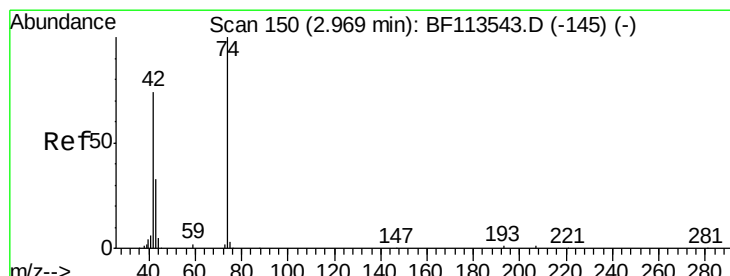
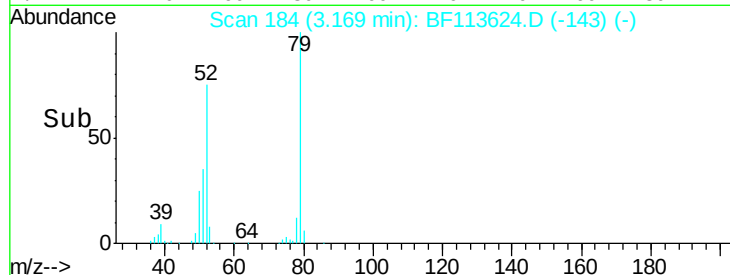
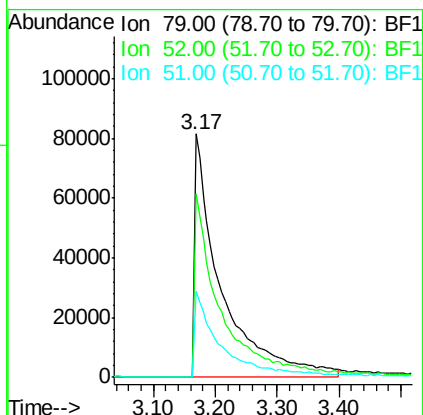
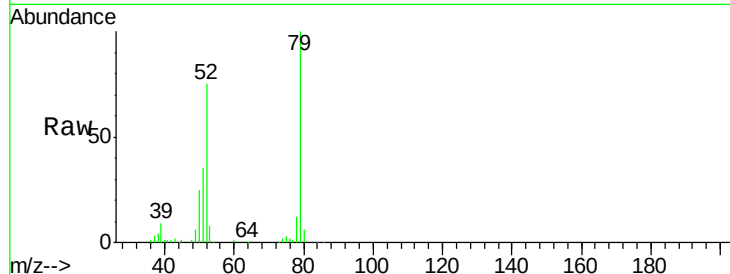
ClientSampleId :

HR-06-040319-AMS

Tgt Ion:	79	Resp:	241263
Ion Ratio	Lower	Upper	
79	100		
52	75.1	61.0	91.4
51	35.3	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 35.400 ng

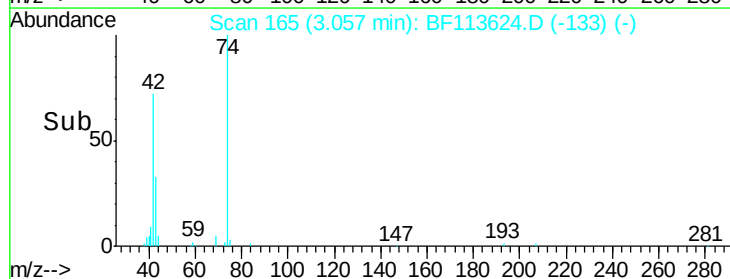
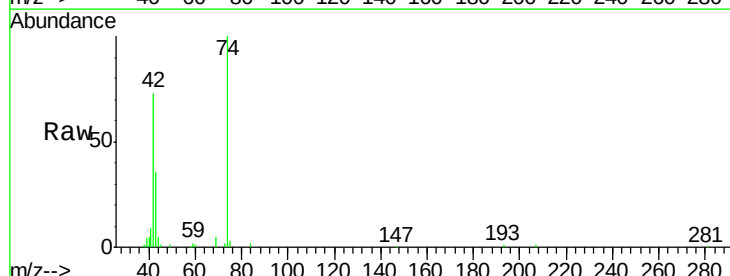
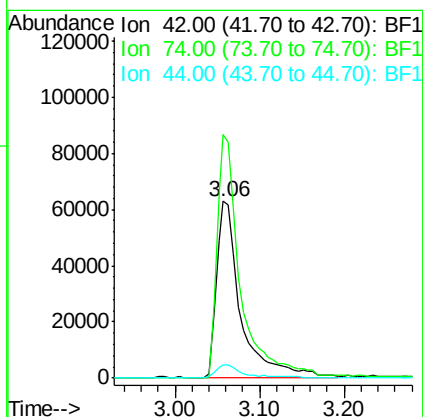
RT: 3.06 min Scan# 165

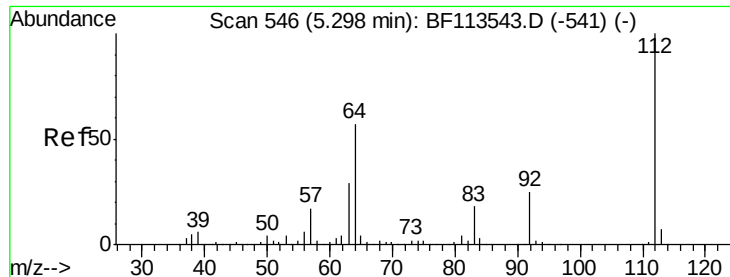
Delta R.T. 0.09 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	42	Resp:	128690
Ion Ratio	Lower	Upper	
42	100		
74	137.7	102.4	153.6
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 106.844 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

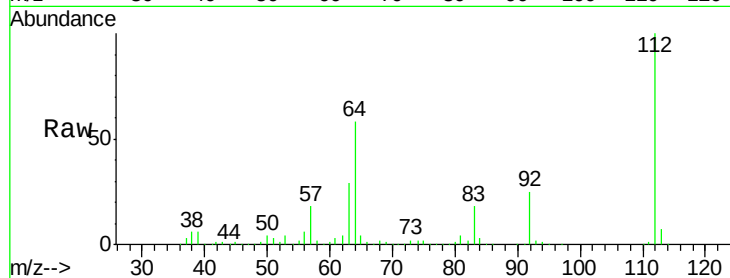
ClientSampleId :

HR-06-040319-AMS

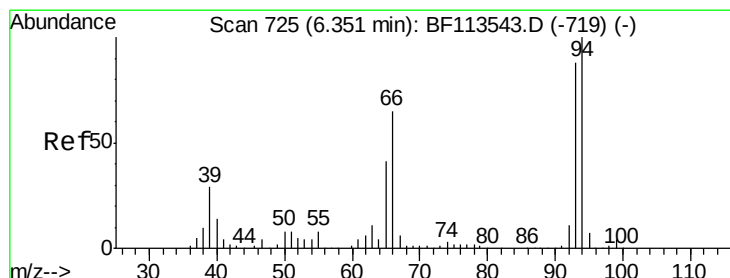
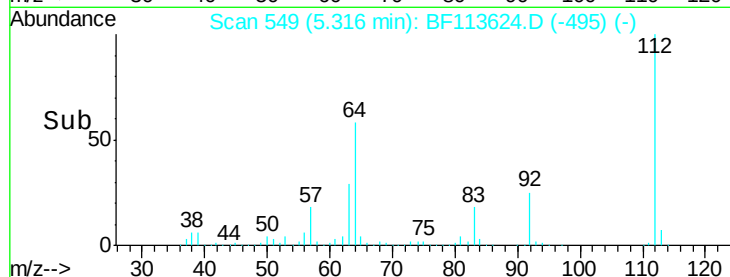
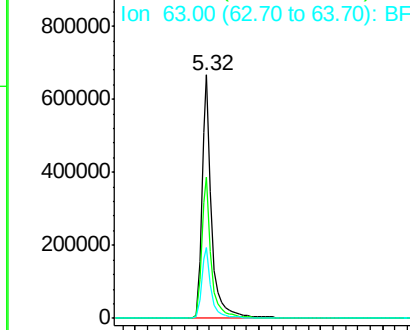
Tgt Ion:	112	Resp:	737541
Ion Ratio	Lower	Upper	
112	100		
64	57.9	49.2	73.8
63	29.2	24.9	37.3

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 4.253 ng

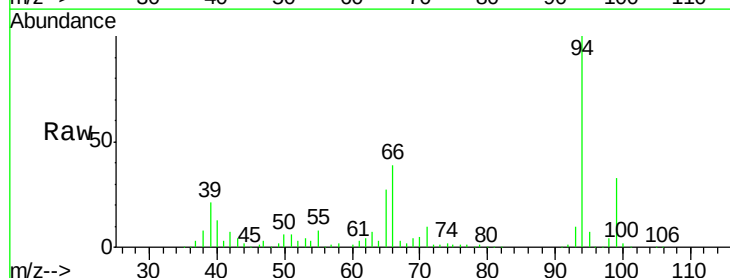
RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

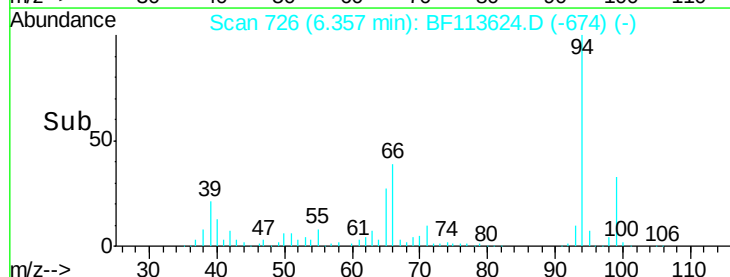
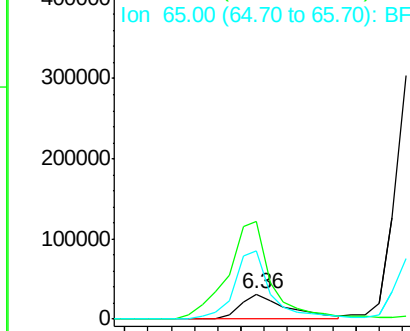
Lab File: BF113624.D

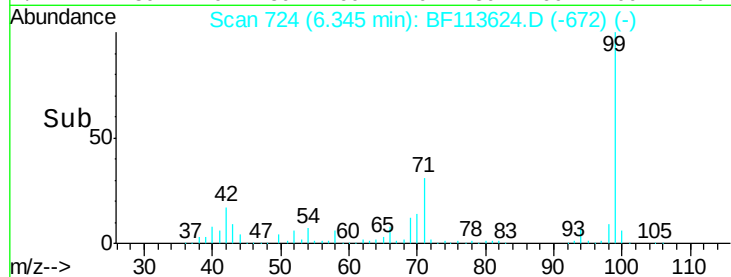
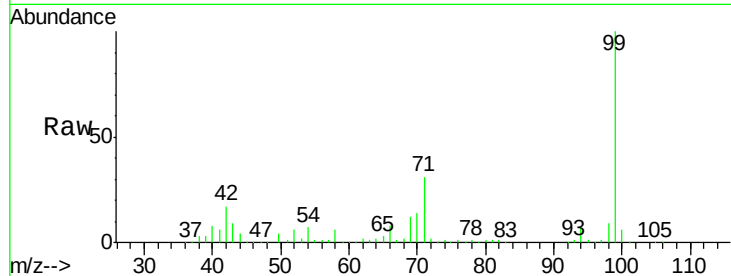
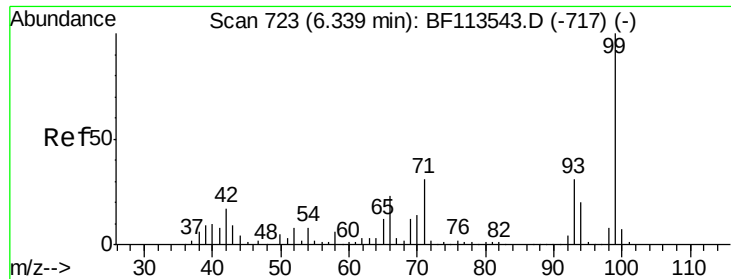
Acq: 5 Apr 2019 19:31

Tgt Ion:	93	Resp:	43860
Ion Ratio	Lower	Upper	
93	100		
66	392.4	62.1	93.1#
65	277.0	38.7	58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.074 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	99	Resp:	902479
Ion Ratio	Lower	Upper	
99	100		
42	17.1	14.8	22.2
71	30.6	24.9	37.3

Instrument :

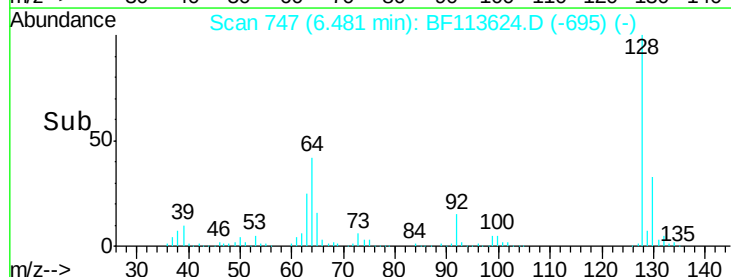
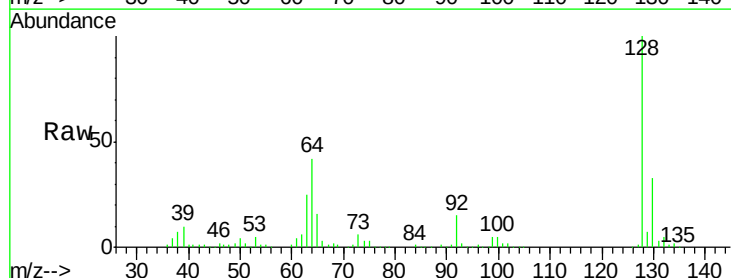
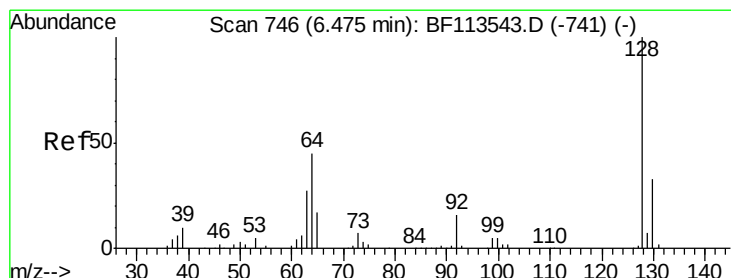
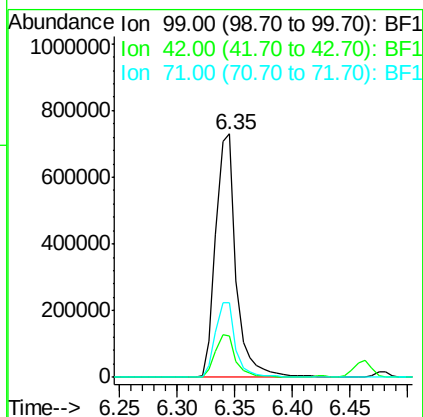
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#8

2-Chlorophenol

Concen: 36.466 ng

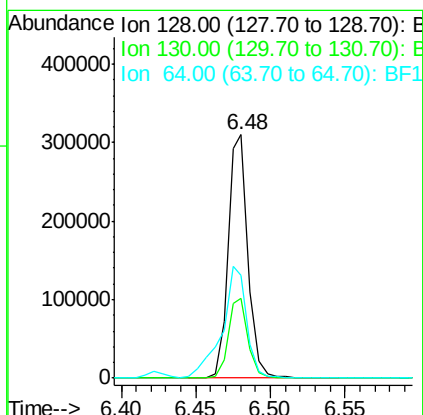
RT: 6.48 min Scan# 747

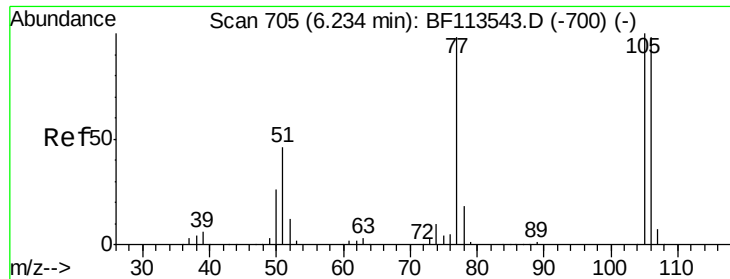
Delta R.T. 0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	128	Resp:	291241
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.6	52.6
64	42.4	29.4	69.4





#9

Benzaldehyde

Concen: 31.117 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

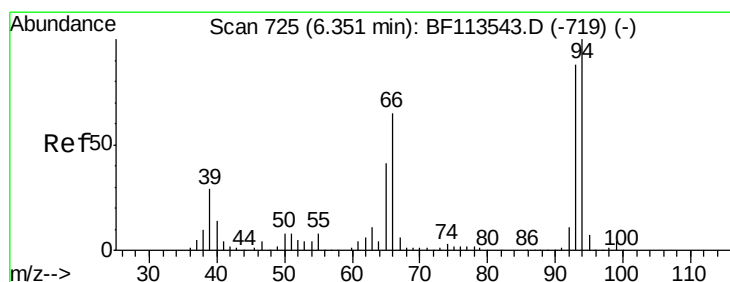
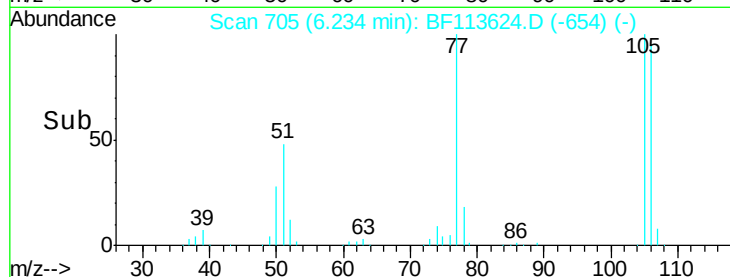
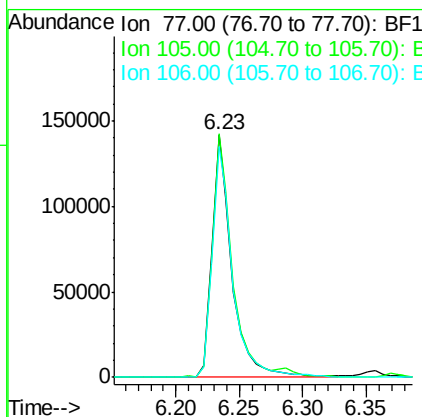
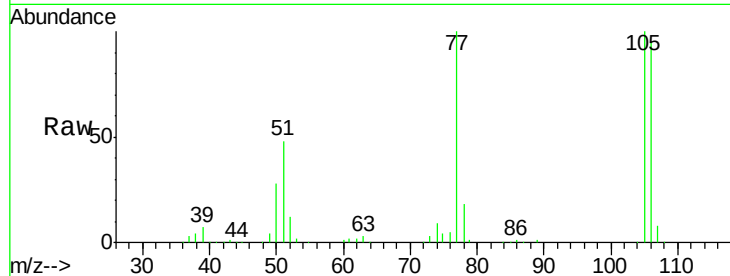
ClientSampleId :

HR-06-040319-AMS

Tgt Ion:	77	Resp:	157418
Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.9	120.9
106	95.4	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 31.796 ng

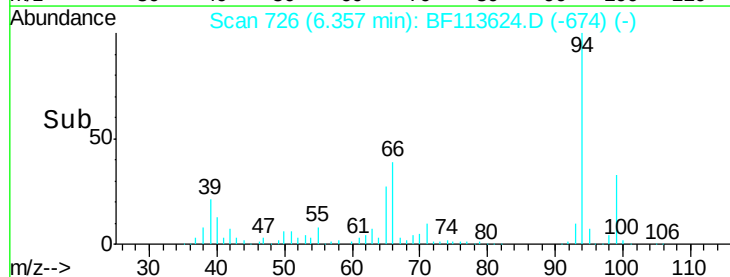
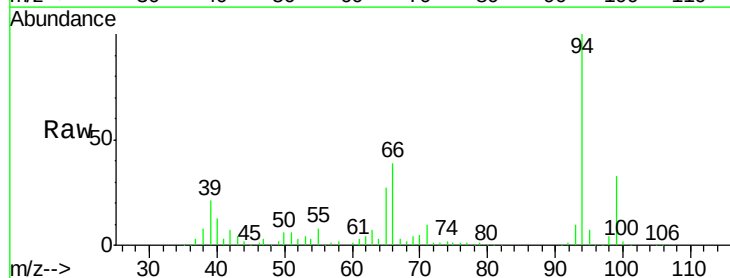
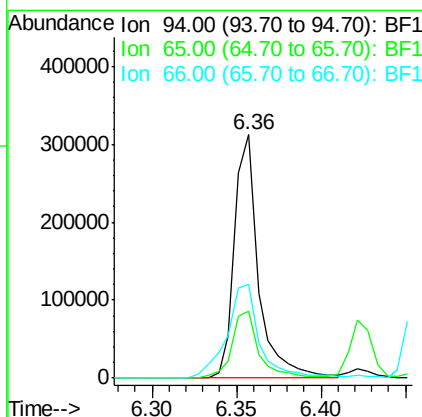
RT: 6.36 min Scan# 726

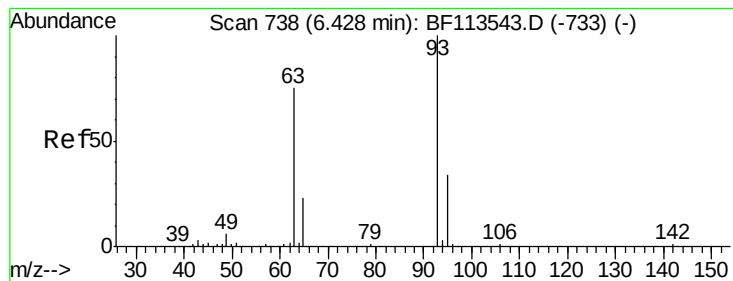
Delta R.T. 0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	94	Resp:	308960
Ion	Ratio	Lower	Upper
94	100		
65	27.4	21.4	61.4
66	38.8	46.4	86.4#





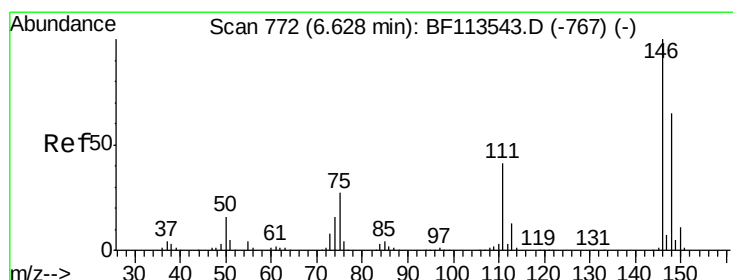
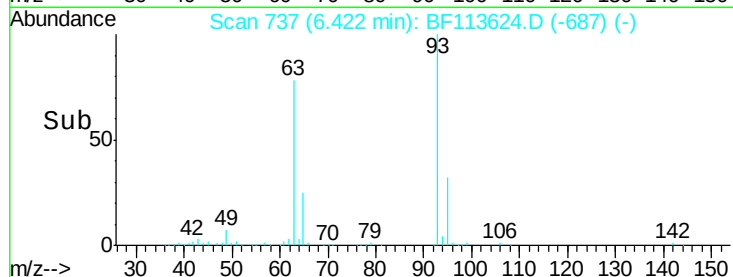
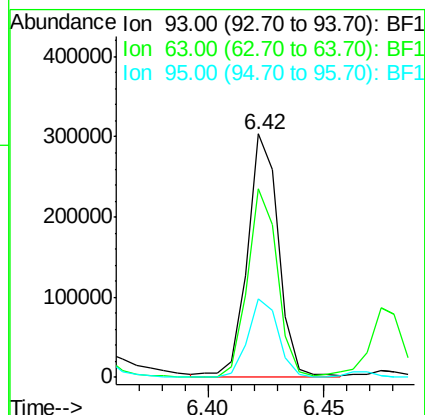
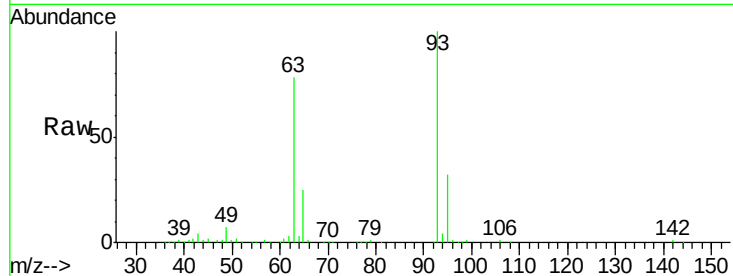
#11
bis(2-Chloroethyl)ether
Concen: 38.051 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	287618		
63	77.6	56.1	96.1	
95	32.2	12.8	52.8	

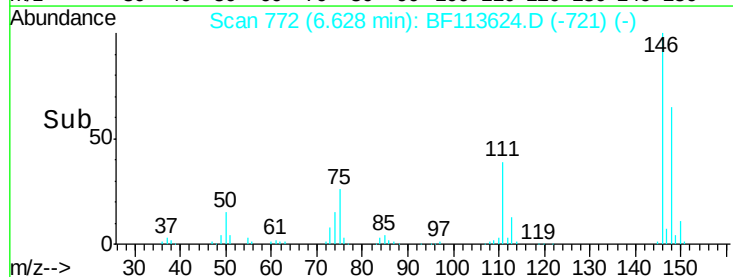
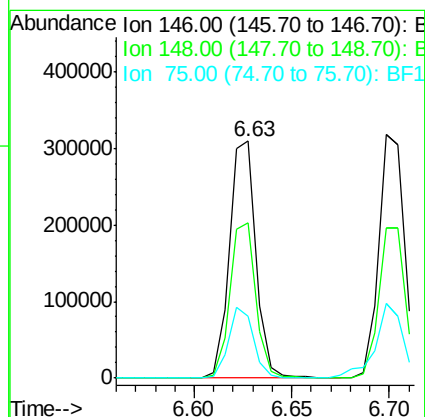
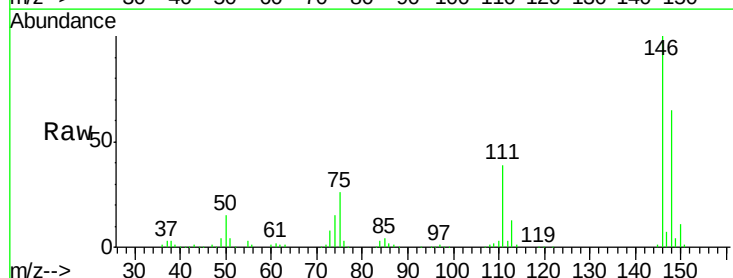
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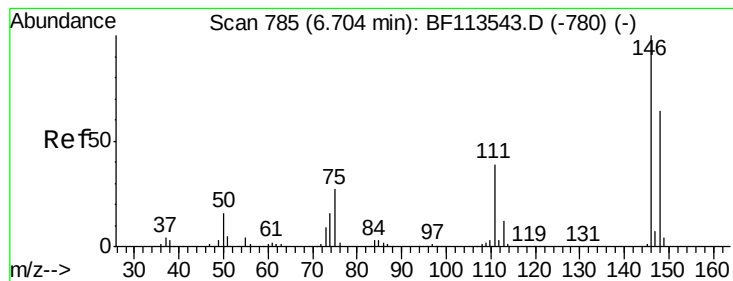
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.812 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290812		
148	65.3	51.4	77.0	
75	26.0	24.8	37.2	





#13

1,4-Dichlorobenzene

Concen: 34.563 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

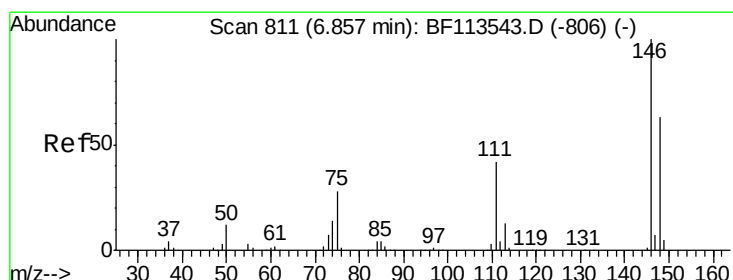
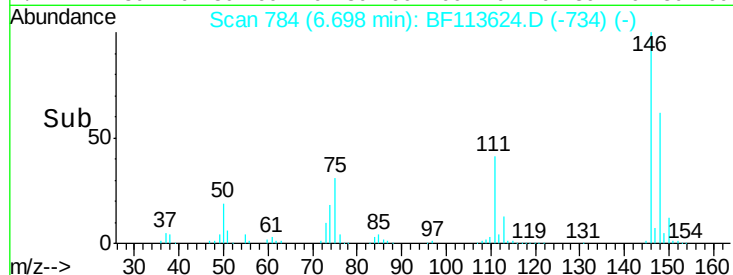
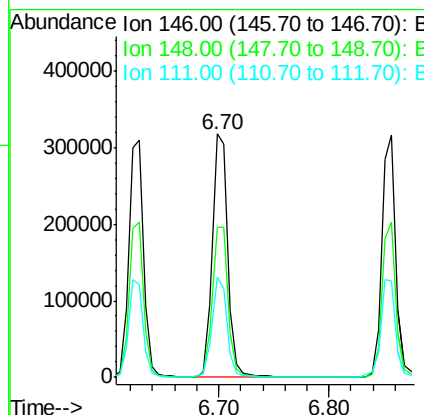
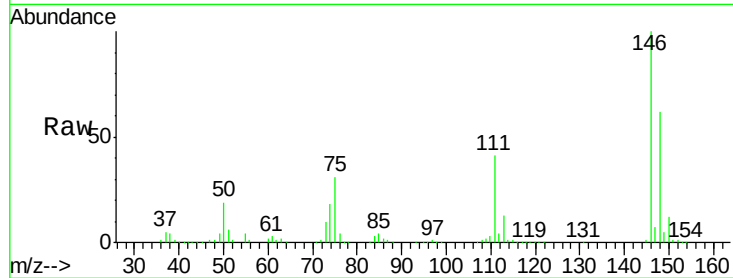
ClientSampleId :

HR-06-040319-AMS

Tgt Ion:	146	Resp:	300411
Ion Ratio	Lower	Upper	
146	100		
148	61.9	51.1	76.7
111	41.1	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 35.547 ng

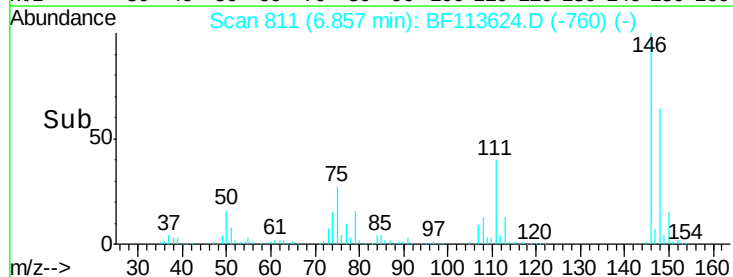
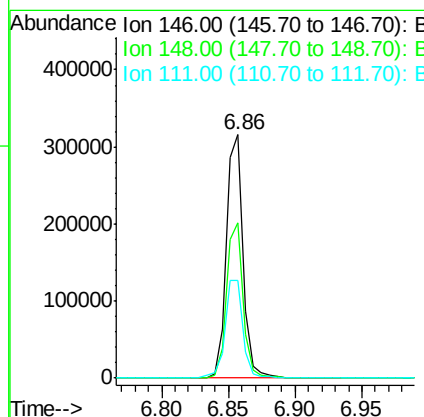
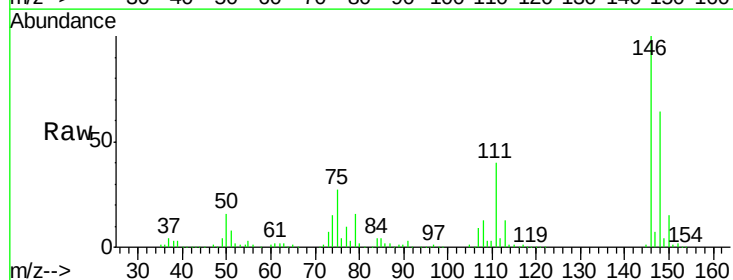
RT: 6.86 min Scan# 811

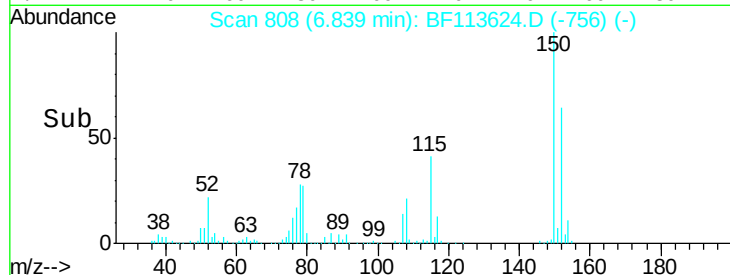
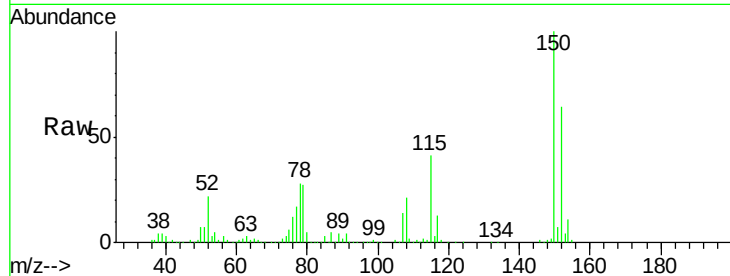
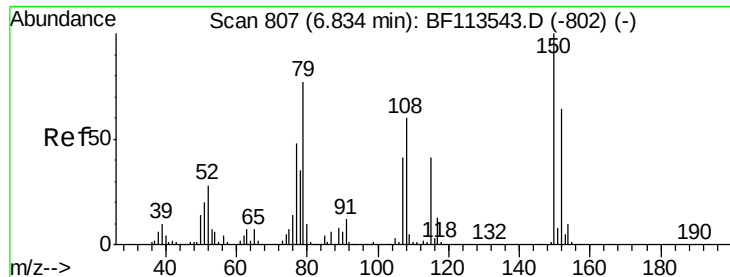
Delta R.T. -0.00 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	146	Resp:	278875
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.2	75.4
111	40.0	35.4	53.2





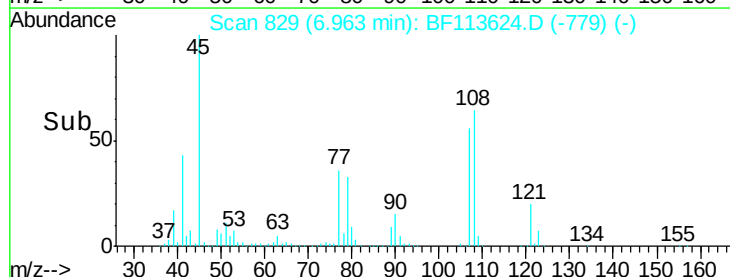
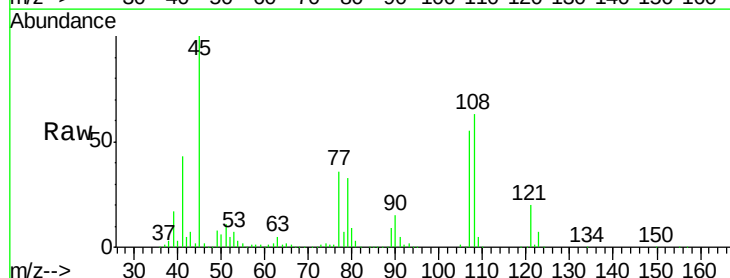
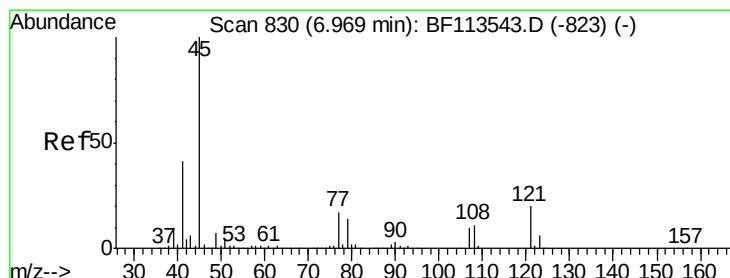
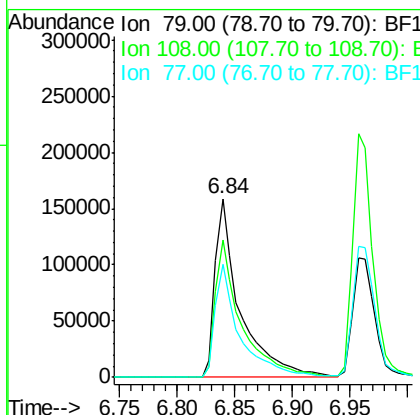
#15
Benzyl Alcohol
Concen: 41.711 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	239950		
108	77.0	62.0	93.0	
77	63.2	49.9	74.9	

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

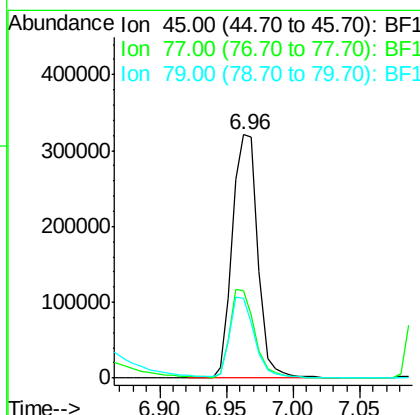
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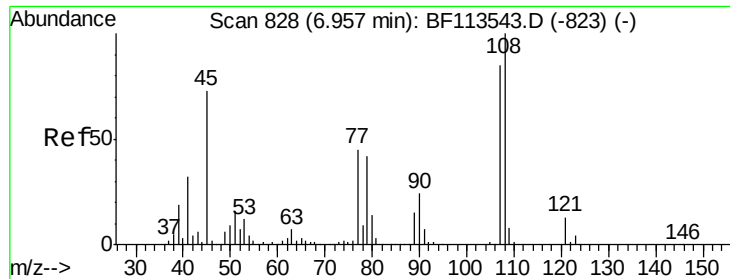
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.216 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	426093		
77	36.0	0.0	36.6	
79	32.6	0.0	34.0	





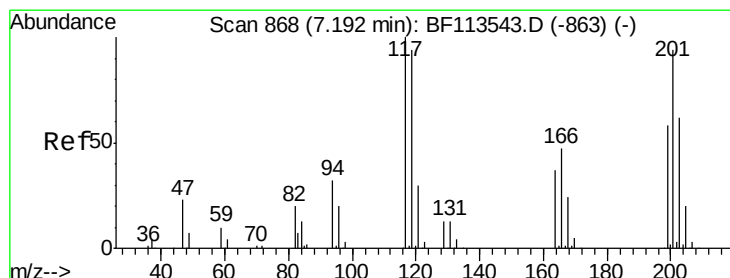
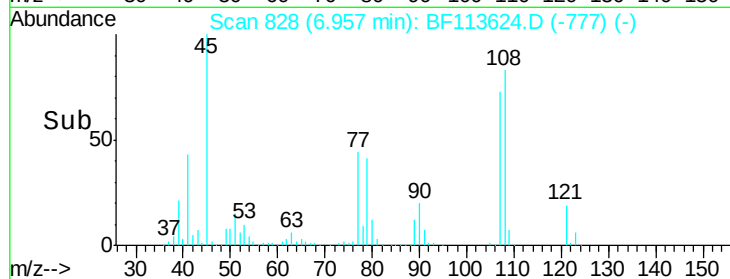
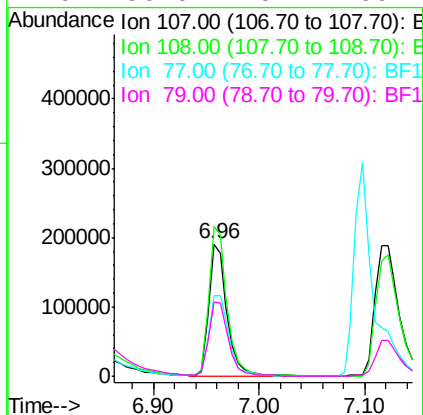
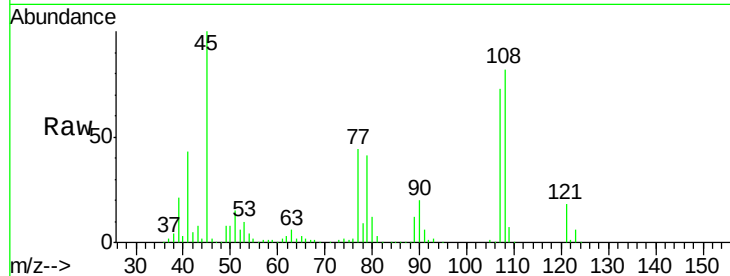
#17
2-Methylphenol
Concen: 36.960 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	228760		
108	113.6	93.4	140.0	
77	61.0	41.2	61.8	
79	56.0	40.1	60.1	

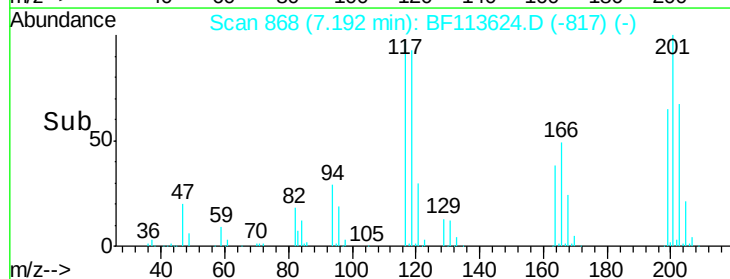
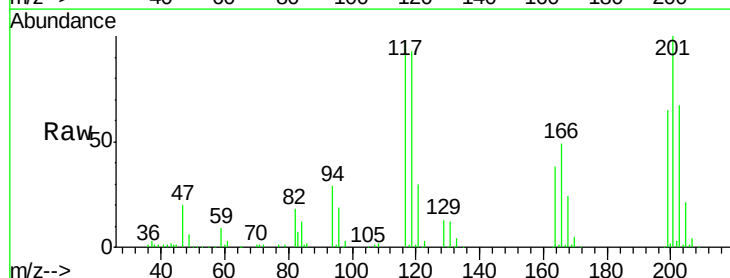
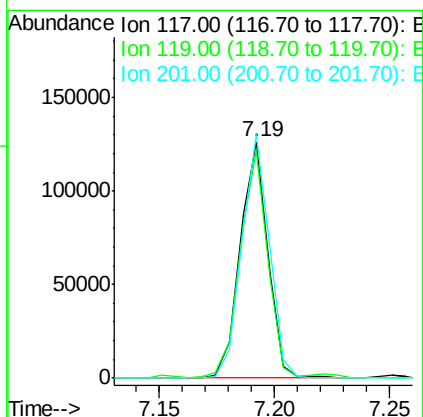
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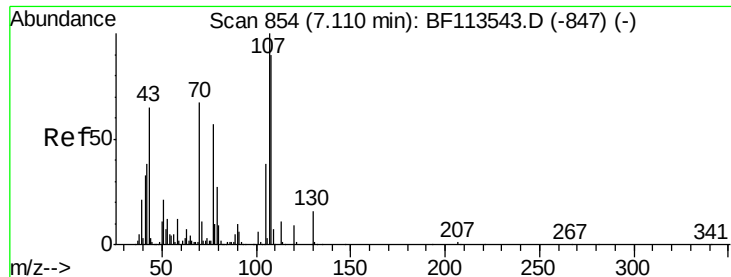
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#18
Hexachloroethane
Concen: 33.350 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	105508		
119	96.0	76.9	115.3	
201	103.1	78.7	118.1	





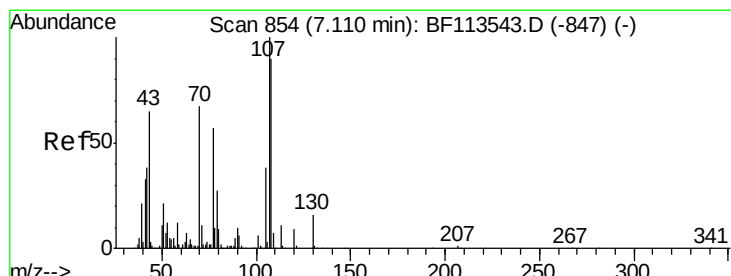
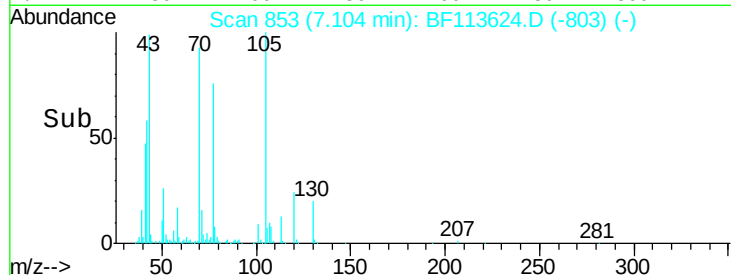
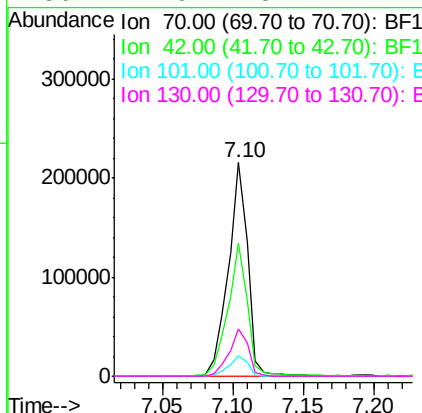
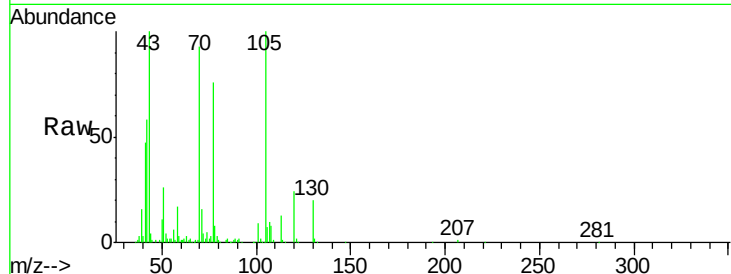
#19
n-Nitroso-di-n-propylamine
Concen: 39.294 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.4	48.4	72.6
101	9.3	7.8	11.8
130	21.9	18.2	27.4

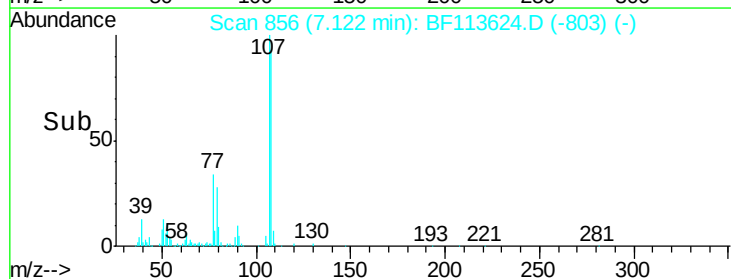
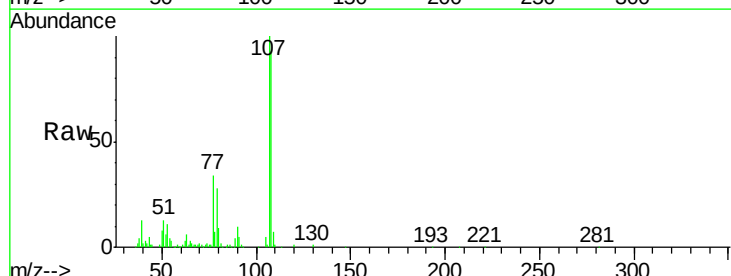
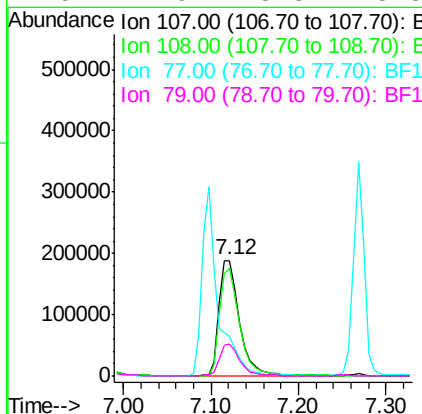
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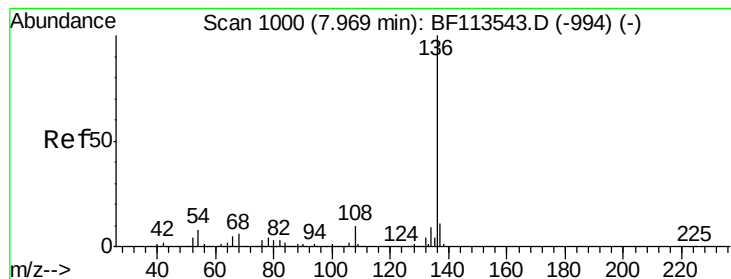
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#20
3+4-Methylphenols
Concen: 41.485 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	71.4	111.4
77	34.0	33.5	73.5
79	27.9	8.3	48.3





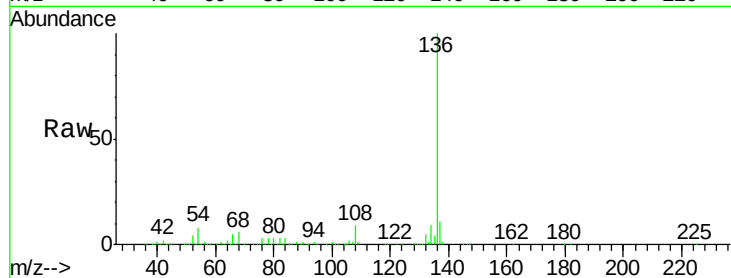
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

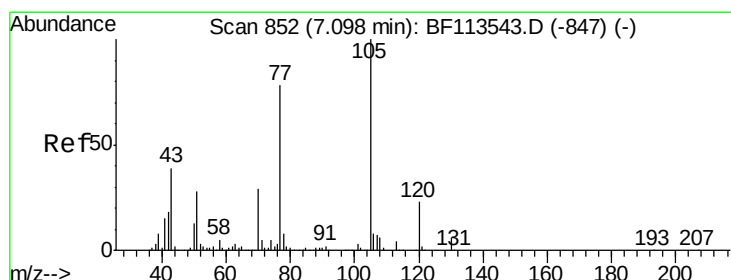
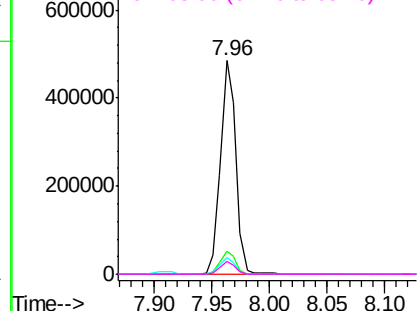
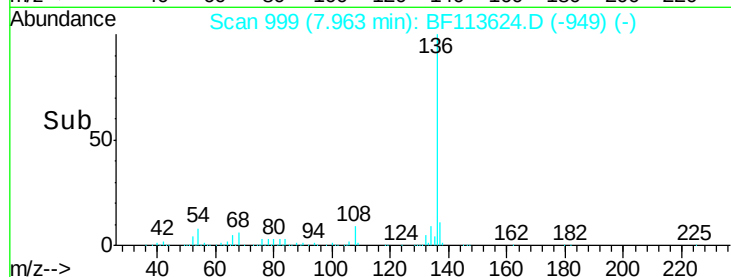
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	446376		
137	11.0	8.9	13.3	
54	8.0	7.0	10.6	
68	6.0	4.8	7.2	

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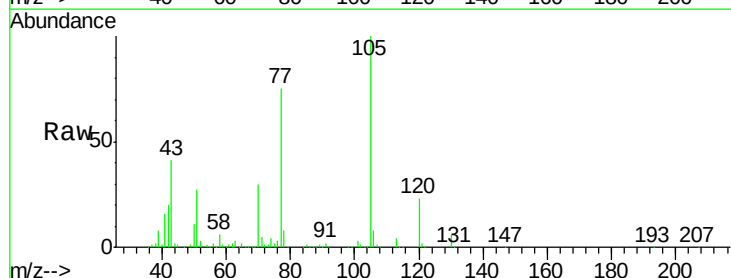


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

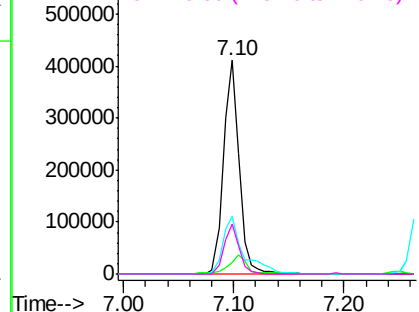
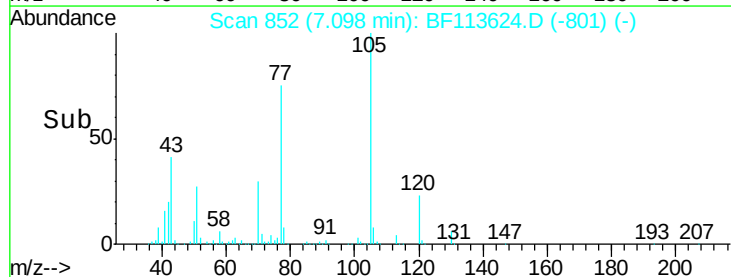


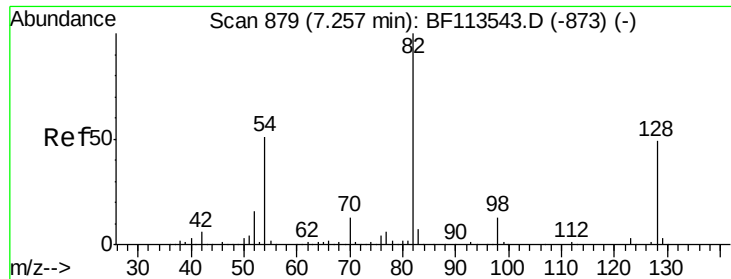
#22
Acetophenone
Concen: 41.461 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	406479		
71	5.4	3.3	4.9#	
51	26.8	24.2	36.2	
120	23.3	18.1	27.1	



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





#23

Nitrobenzene-d5

Concen: 80.057 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

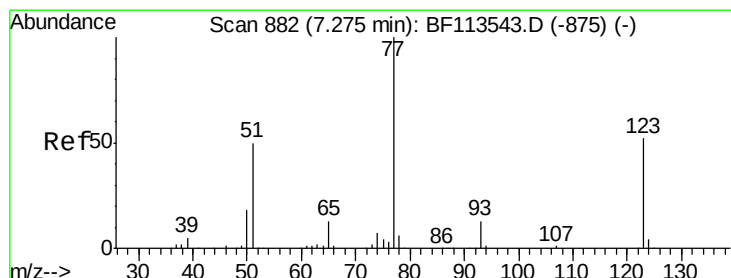
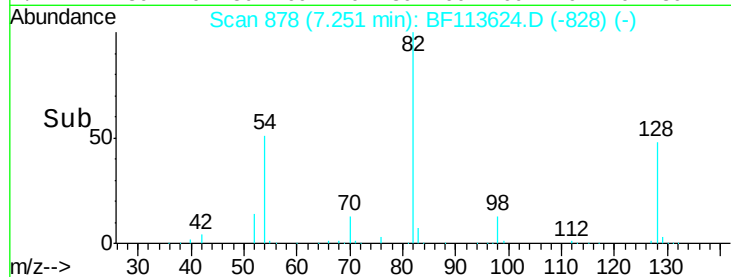
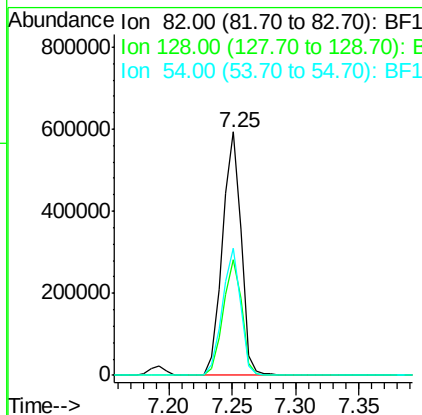
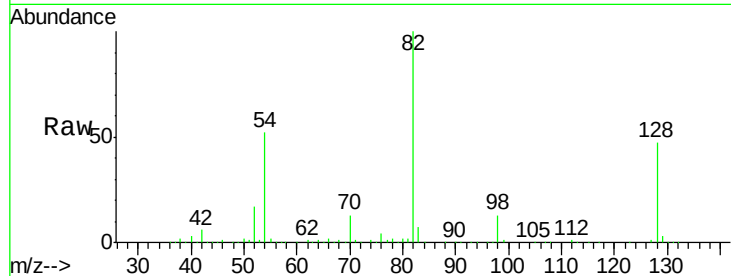
ClientSampleId :

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Tgt Ion:	82	Resp:	610077
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.5	54.7
54	52.2	42.2	63.2

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#24

Nitrobenzene

Concen: 38.330 ng

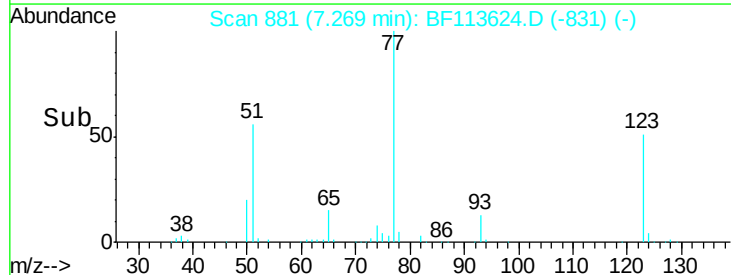
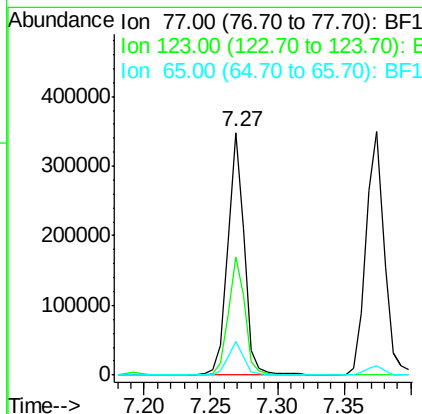
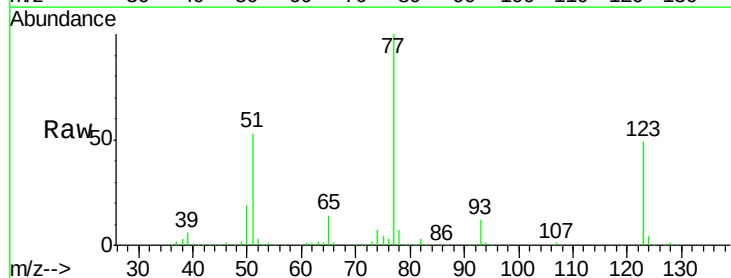
RT: 7.27 min Scan# 881

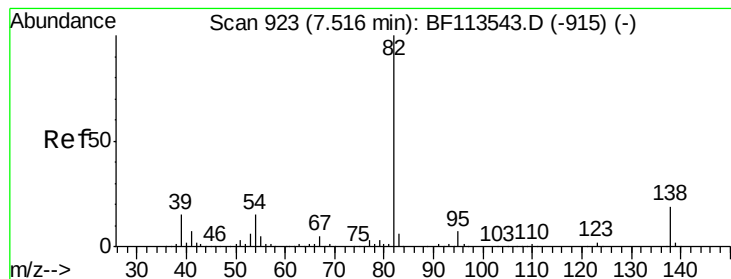
Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	77	Resp:	300809
Ion Ratio	Lower	Upper	
77	100		
123	48.7	40.8	61.2
65	13.9	10.6	16.0





#25

Isophorone

Concen: 38.830 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

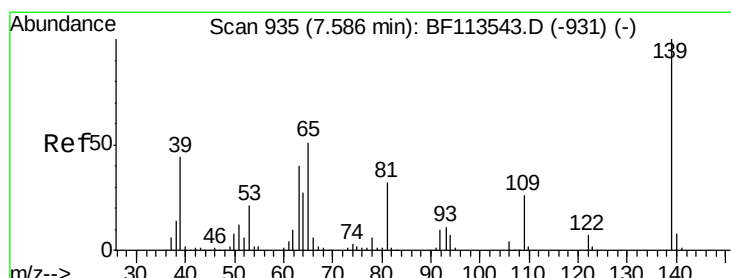
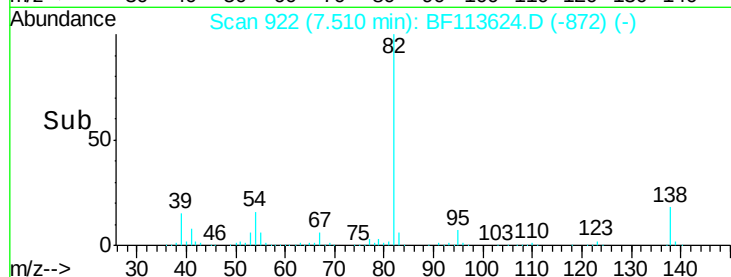
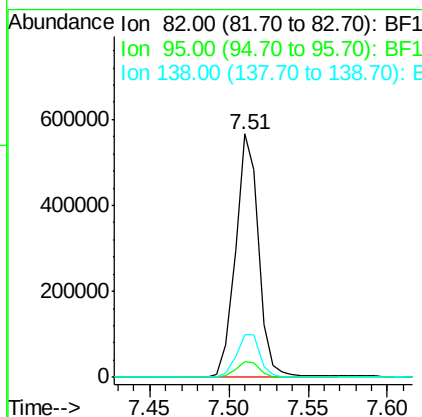
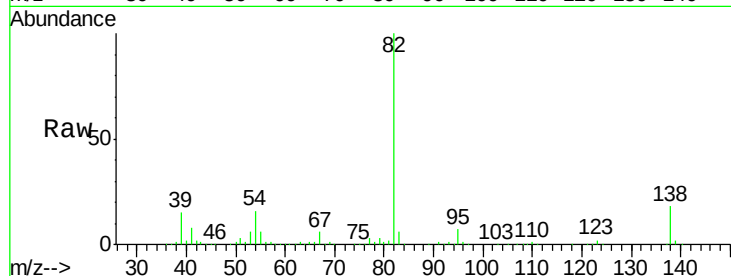
ClientSampleId :

HR-06-040319-AMS

Tgt Ion:	82	Resp:	570029
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.5	8.3
138	17.7	15.2	22.8

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#26

2-Nitrophenol

Concen: 38.454 ng

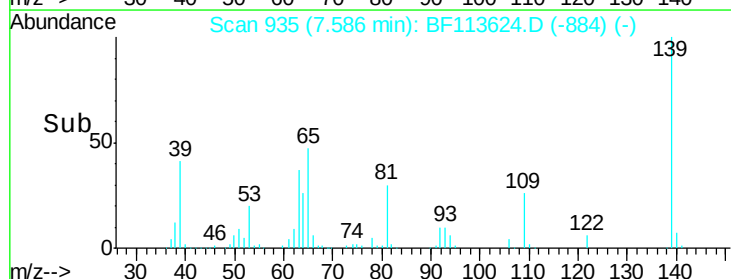
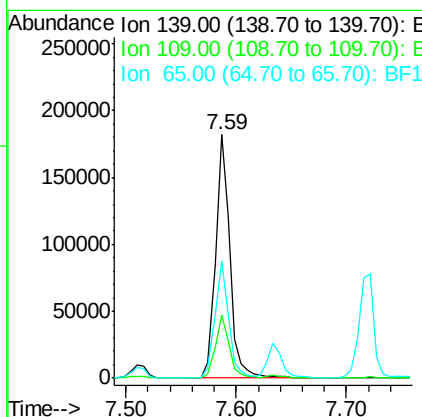
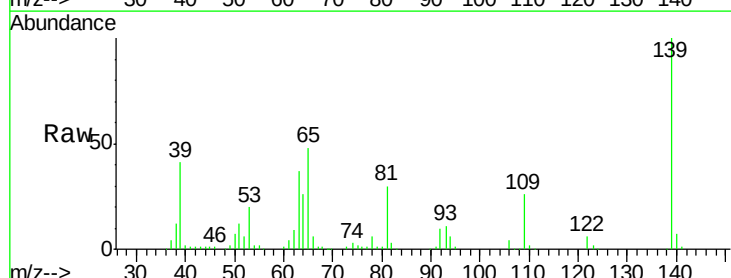
RT: 7.59 min Scan# 935

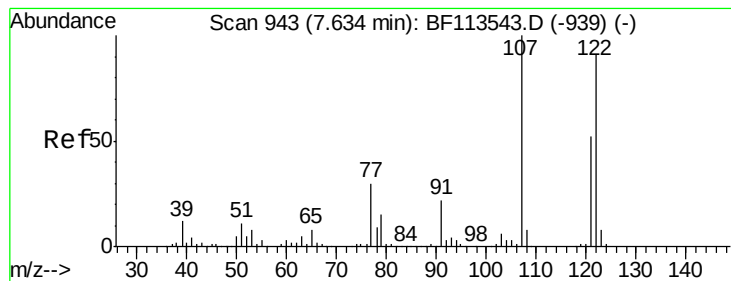
Delta R.T. -0.00 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	139	Resp:	162422
Ion Ratio	Lower	Upper	
139	100		
109	25.8	21.7	32.5
65	47.9	41.6	62.4





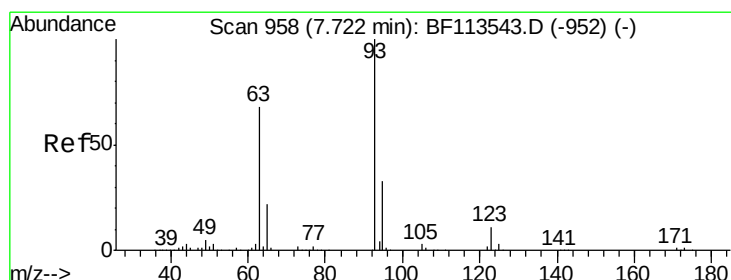
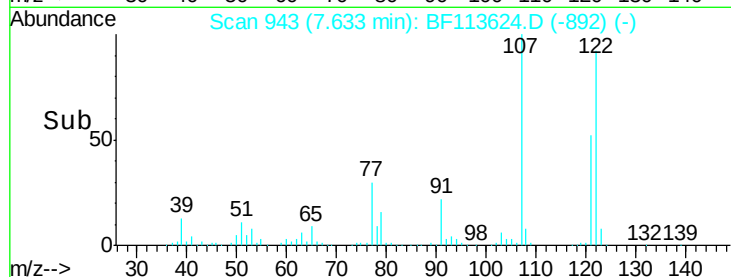
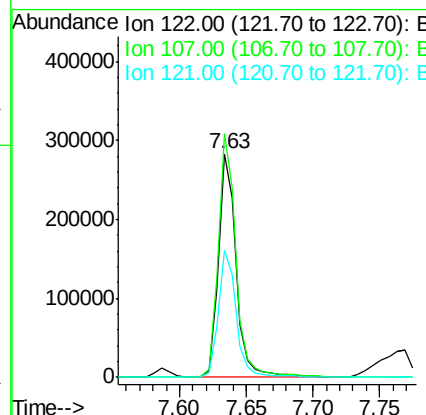
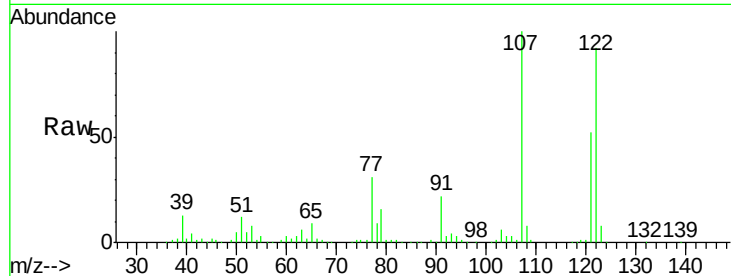
#27
 2,4-Dimethylphenol
 Concen: 44.003 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	265707		
107	108.8	88.8	133.2	
121	56.8	45.5	68.3	

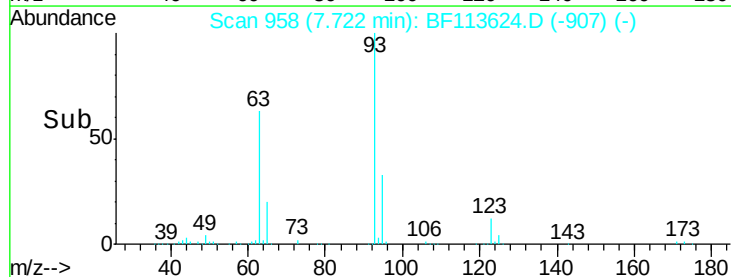
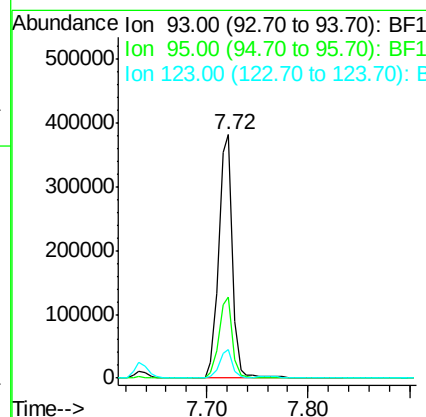
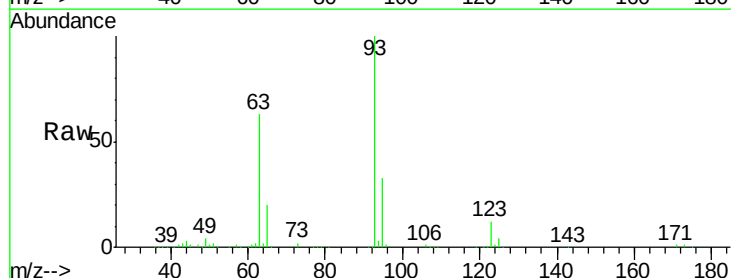
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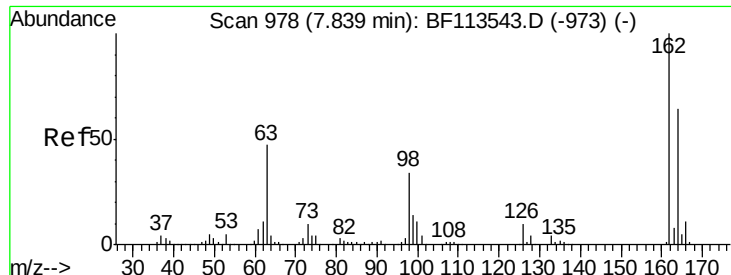
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.802 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	360125		
95	33.1	26.0	39.0	
123	11.7	9.1	13.7	





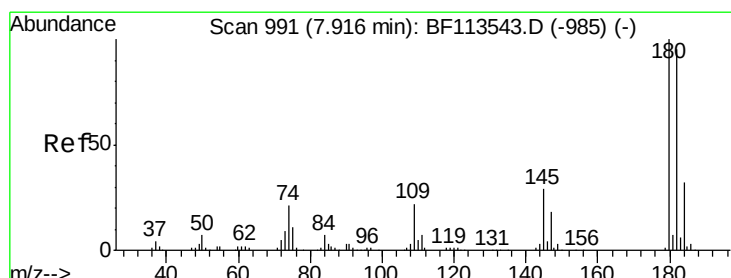
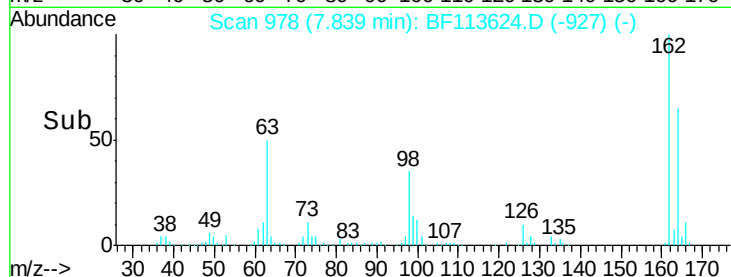
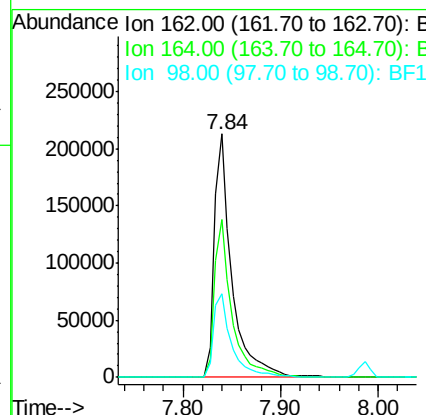
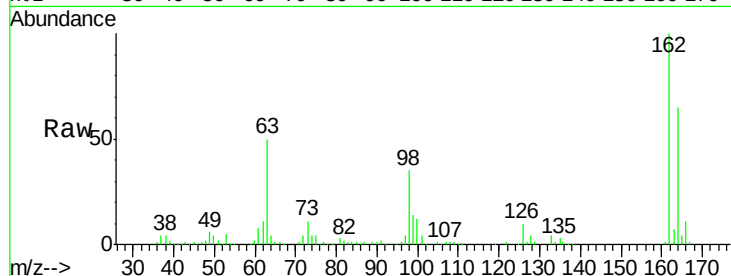
#29
2,4-Dichlorophenol
Concen: 40.979 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	264749		
164	64.6	44.6	84.6	
98	34.5	15.6	55.6	

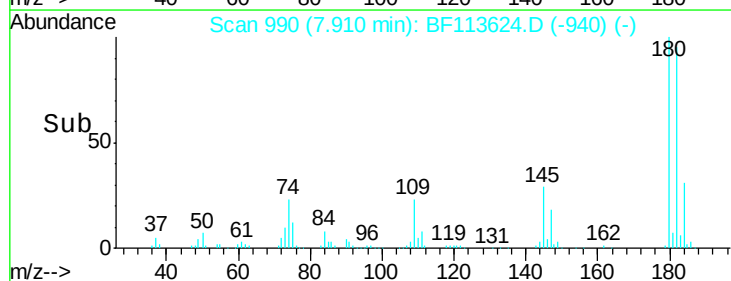
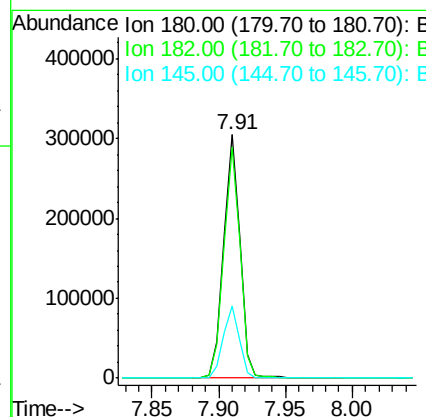
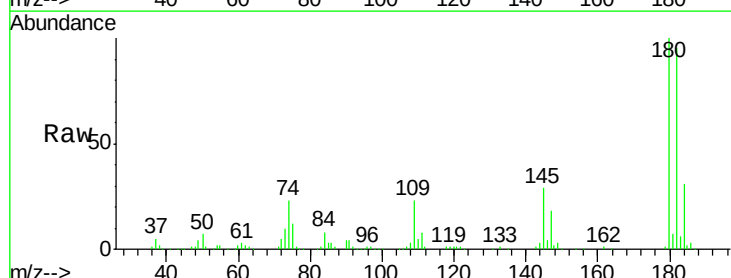
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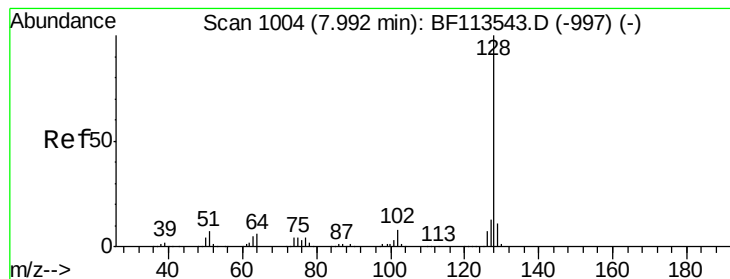
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#30
1,2,4-Trichlorobenzene
Concen: 38.159 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	267723		
182	94.6	74.6	111.8	
145	29.4	23.4	35.0	





#31

Naphthalene

Concen: 39.454 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

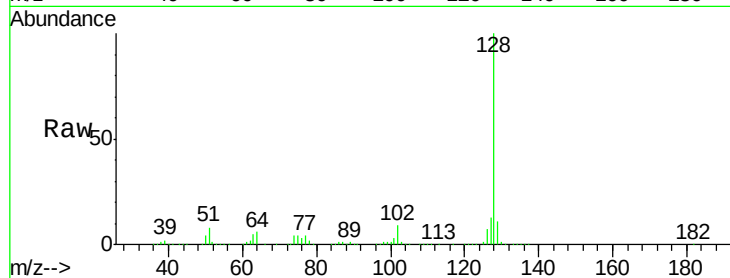
ClientSampleId :

HR-06-040319-AMS

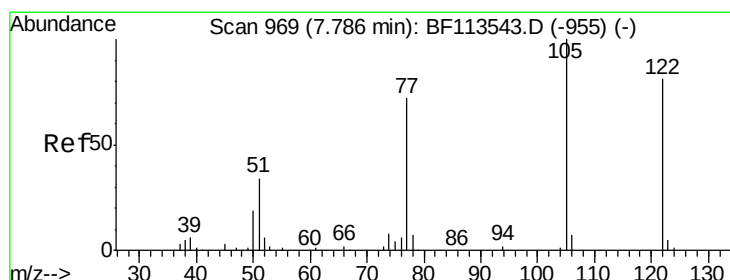
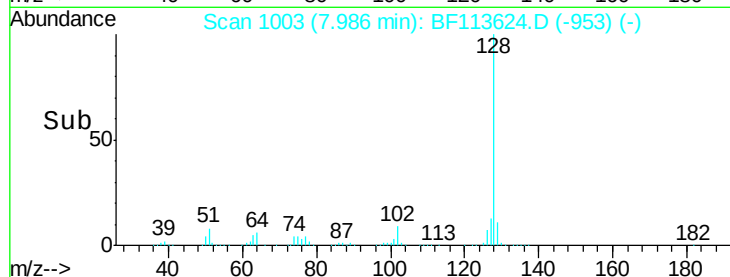
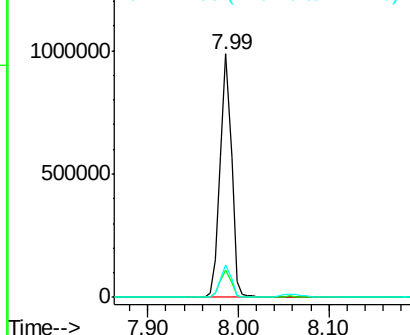
Tgt Ion:	128	Resp:	853304
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.3	13.9
127	13.2	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.507 ng

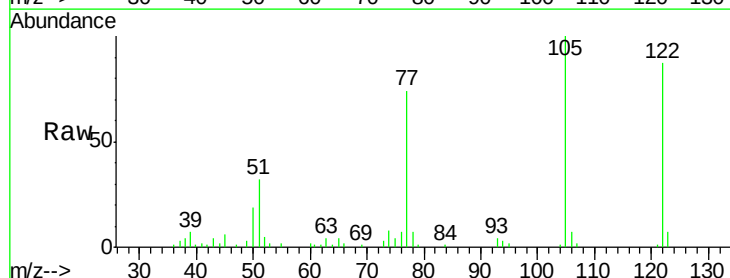
RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

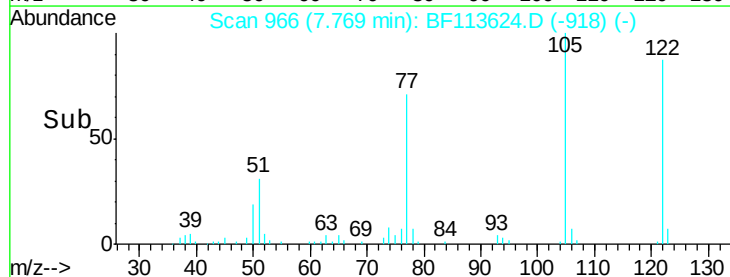
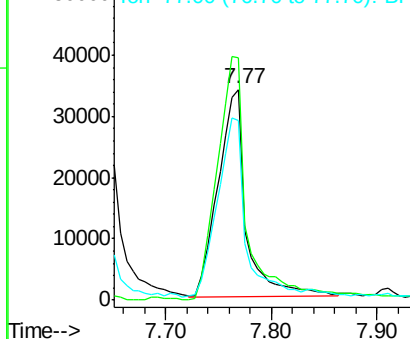
Lab File: BF113624.D

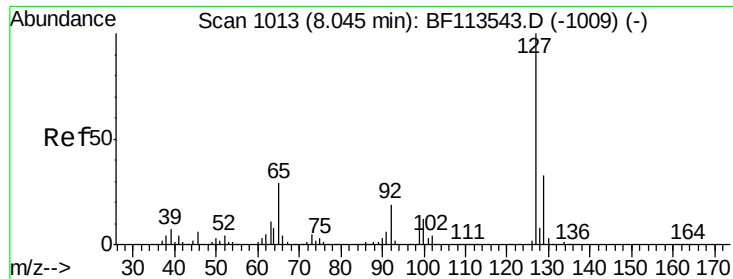
Acq: 5 Apr 2019 19:31

Tgt Ion:	122	Resp:	63154
Ion Ratio	Lower	Upper	
122	100		
105	115.4	100.4	140.4
77	85.4	69.0	109.0



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





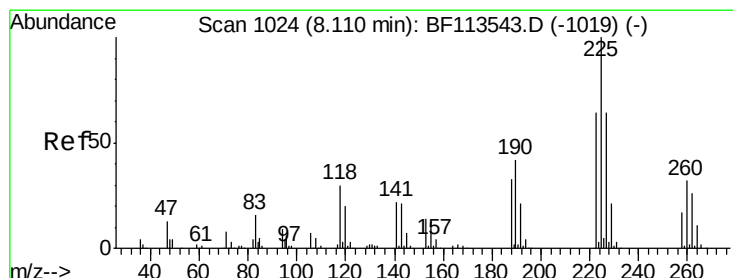
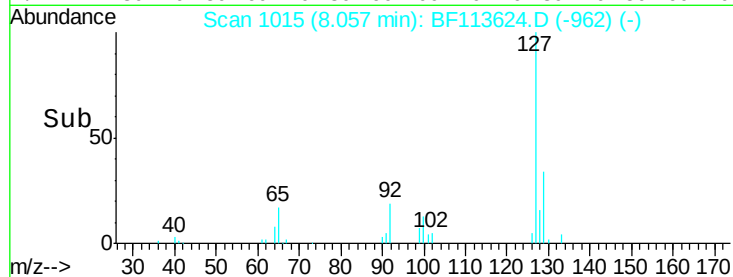
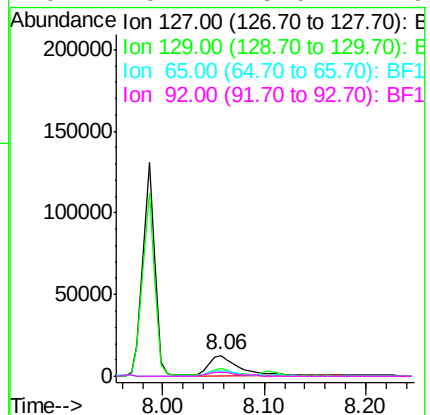
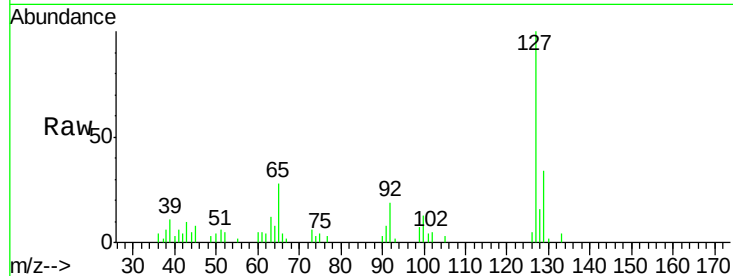
#33
4-Chloroaniline
Concen: 2.978 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	25539		
129	34.5	26.3	39.5	
65	27.6	24.2	36.4	
92	19.2	15.0	22.6	

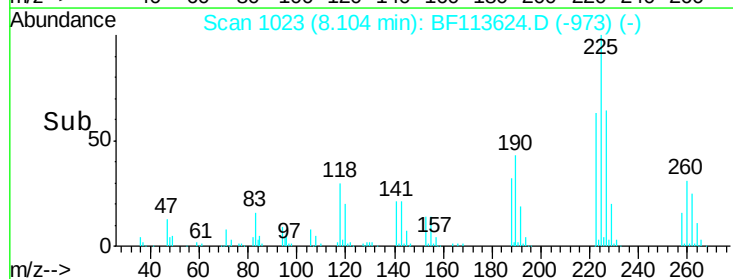
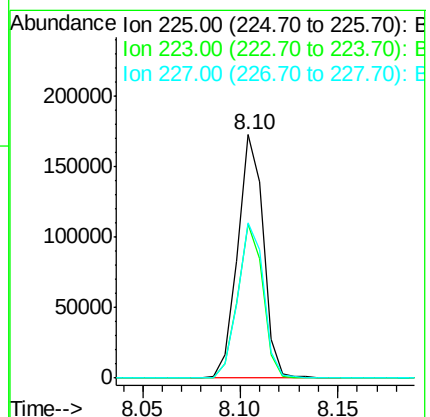
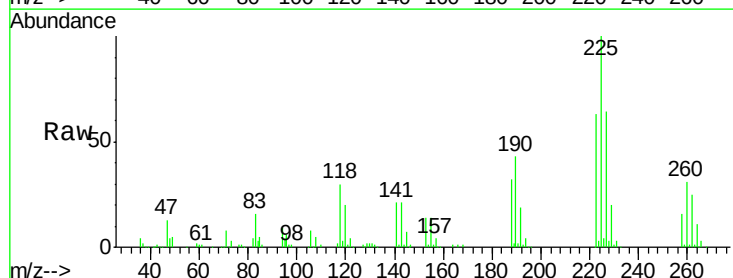
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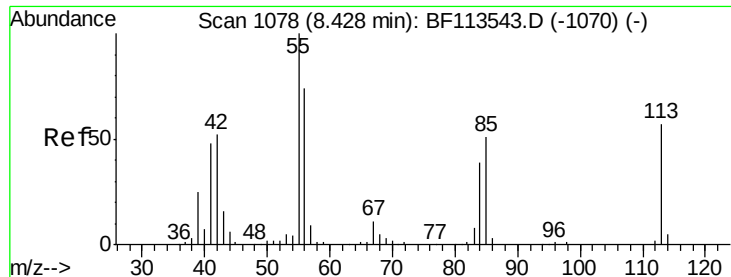
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#34
Hexachlorobutadiene
Concen: 36.660 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156813		
223	63.1	51.4	77.2	
227	63.6	51.1	76.7	





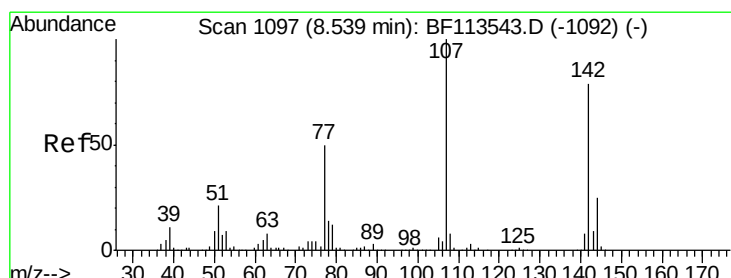
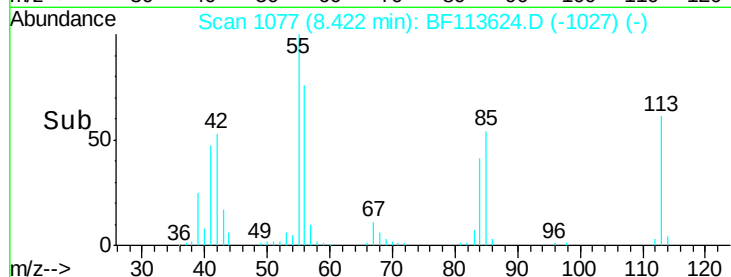
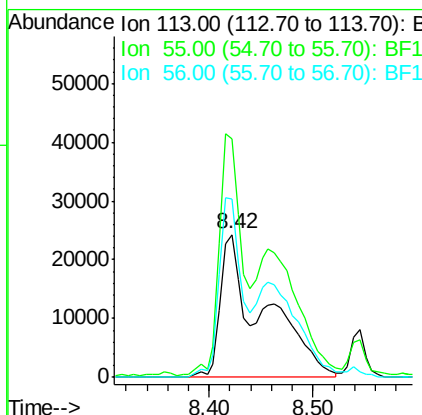
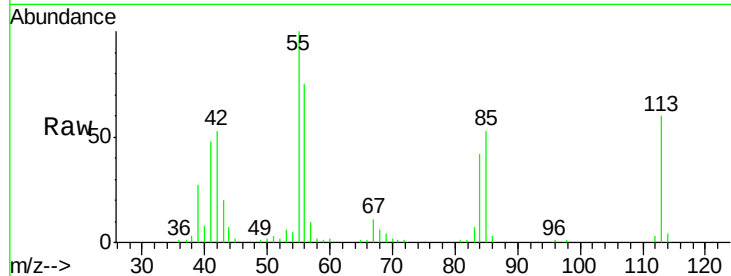
#35
 Caprolactam
 Concen: 34.038 ng m
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-AMS

Tgt Ion:113 Resp: 69806
 Ion Ratio Lower Upper
 113 100
 55 166.9 152.7 192.7
 56 124.9 108.3 148.3

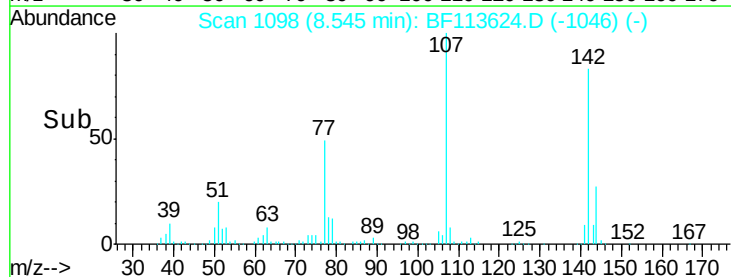
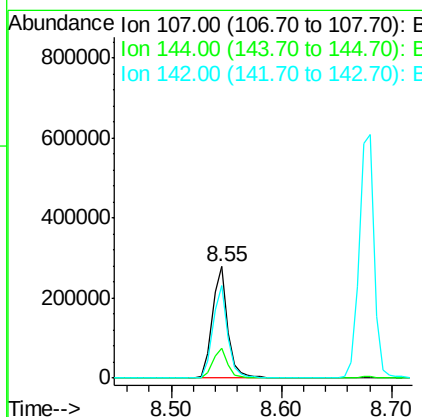
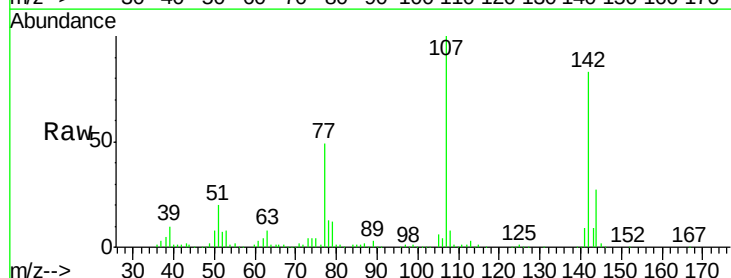
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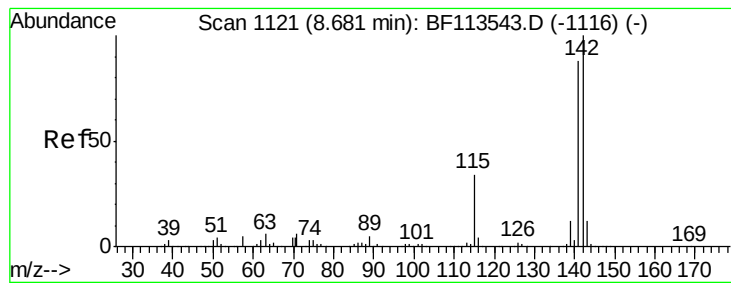
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 40.436 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Tgt Ion:107 Resp: 262250
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.4 32.0
 142 83.3 65.6 98.4





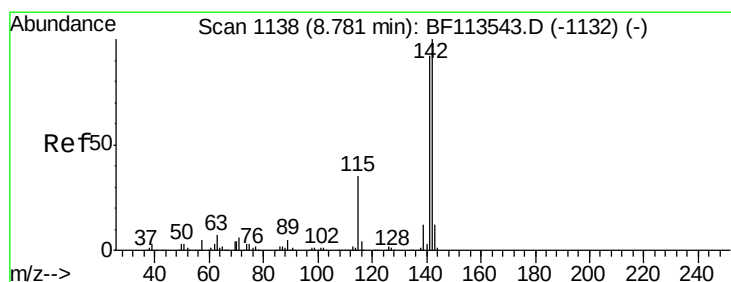
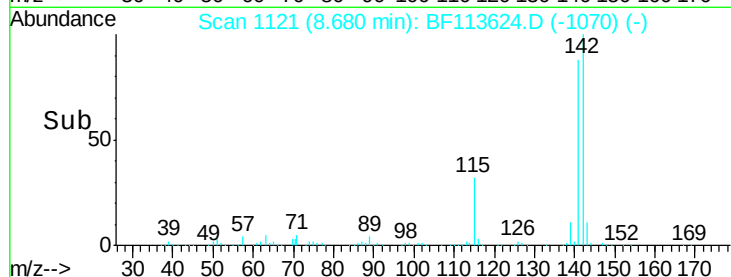
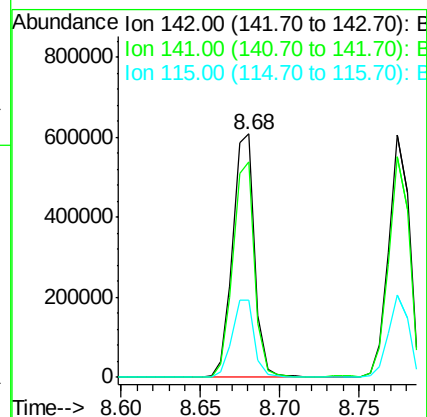
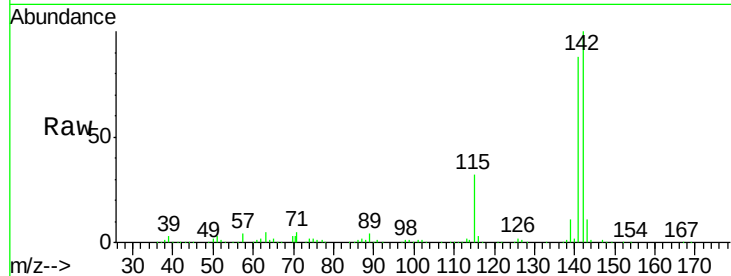
#37
2-Methylnaphthalene
Concen: 41.200 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	586054		
141	88.3	71.0	106.6	
115	31.5	26.6	39.8	

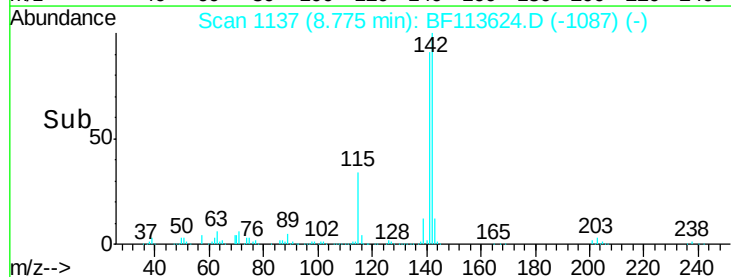
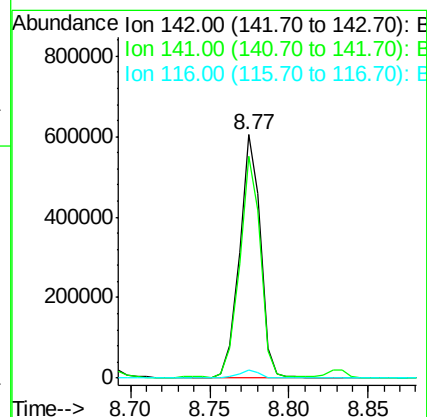
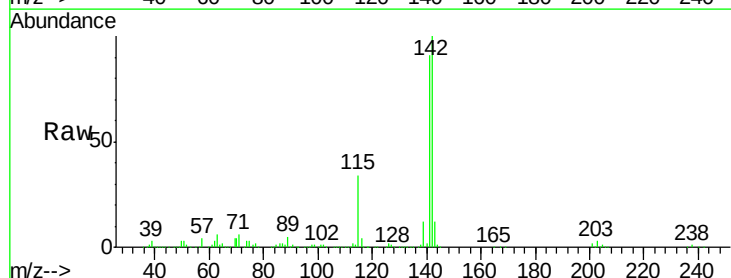
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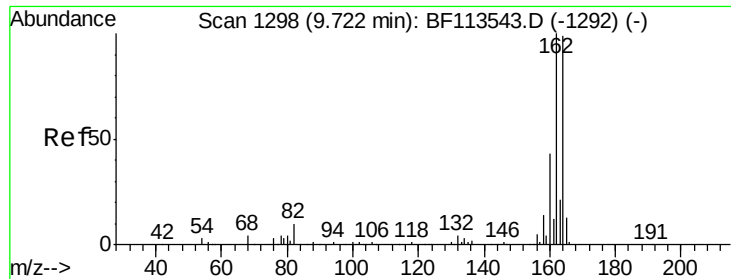
Sohil
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#38
1-Methylnaphthalene
Concen: 40.145 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	550634		
141	91.1	73.2	109.8	
116	3.5	3.0	4.4	





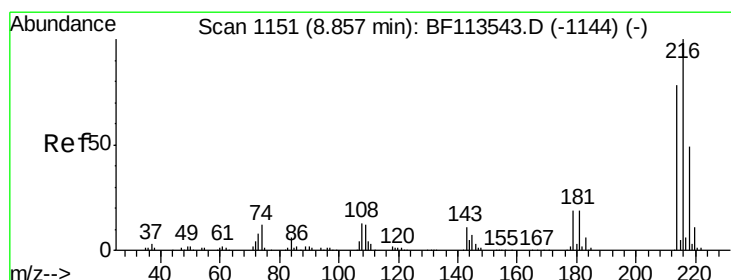
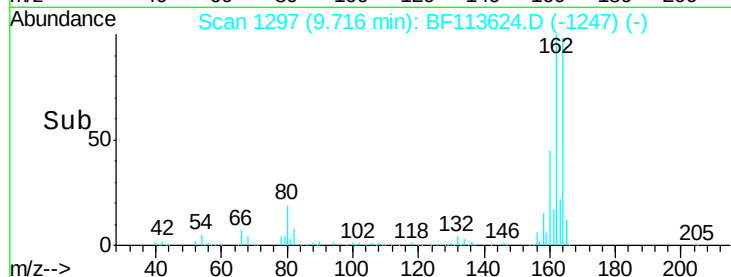
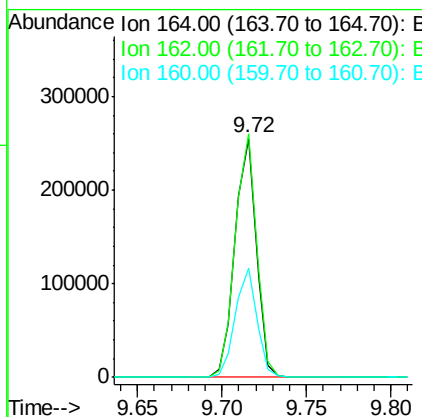
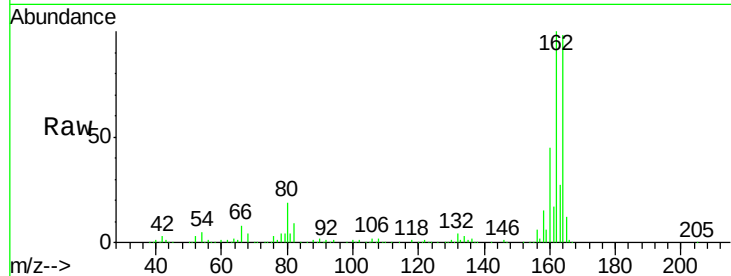
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	224891		
162	101.9	81.8	122.6	
160	45.5	36.4	54.6	

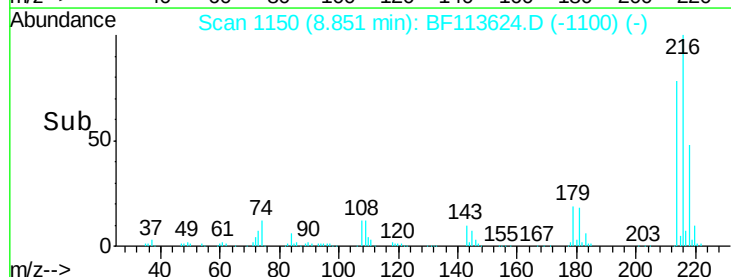
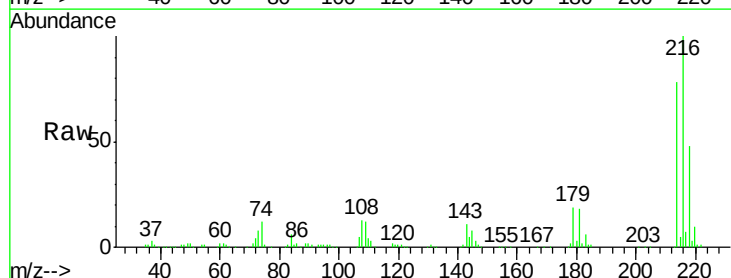
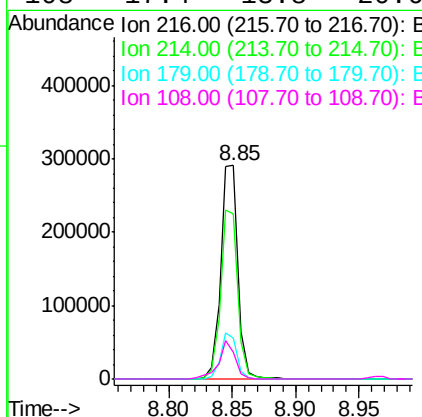
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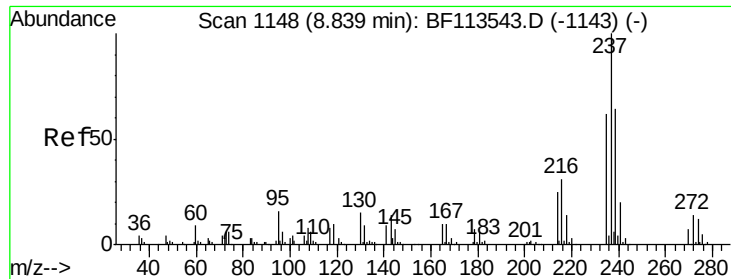
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.033 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	276624		
214	78.7	63.0	94.6	
179	20.2	16.8	25.2	
108	17.4	13.8	20.6	





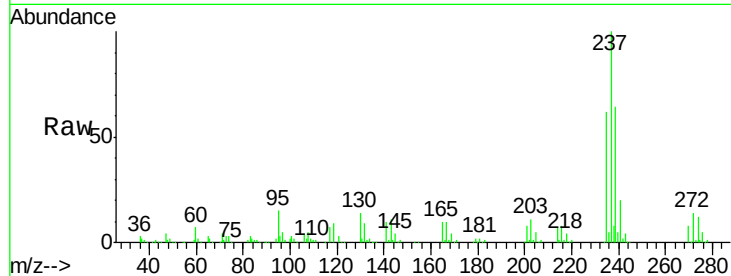
#41
Hexachlorocyclopentadiene
Concen: 65.255 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

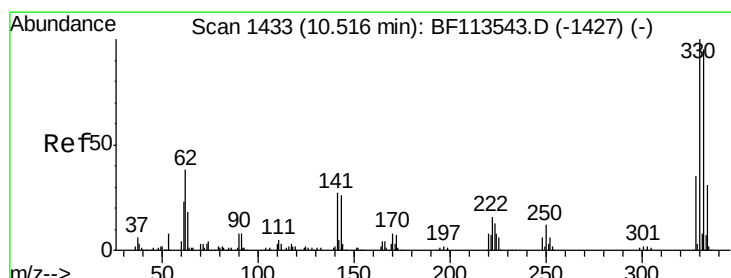
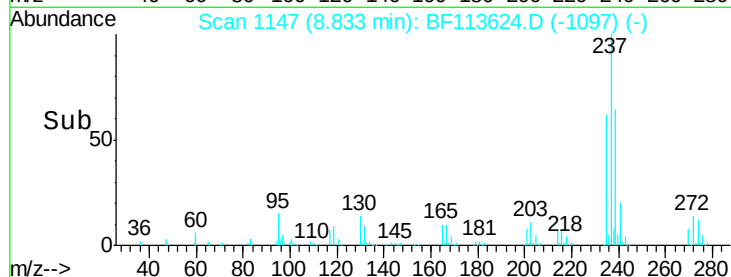
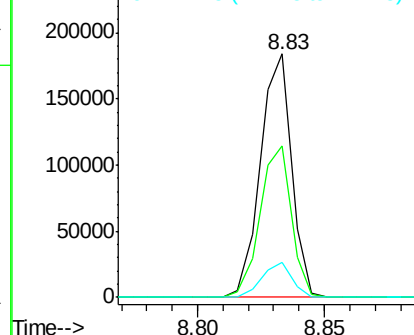
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.2	43.4	83.4
272	14.5	0.0	33.7

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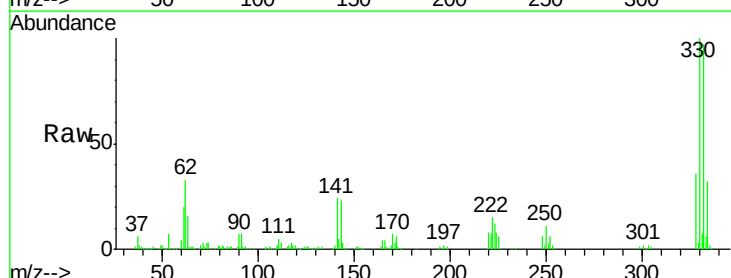


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

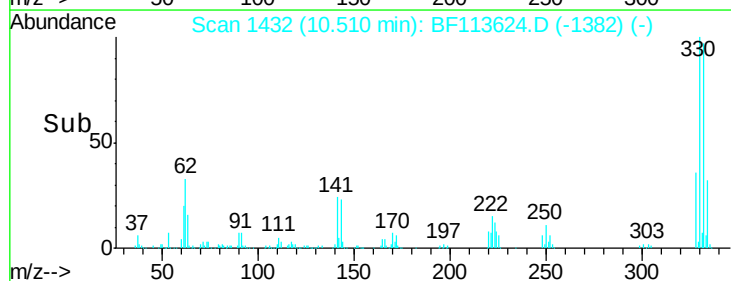
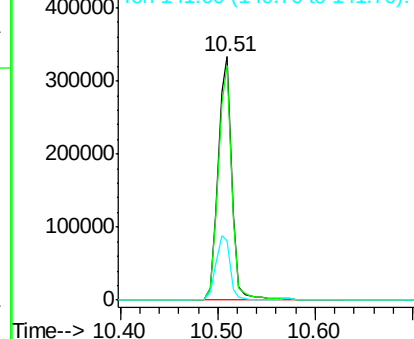


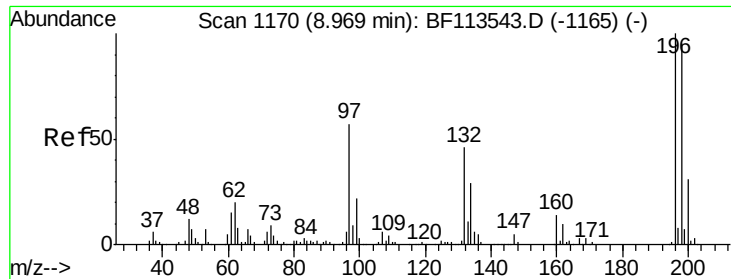
#42
2,4,6-Tribromophenol
Concen: 120.824 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.1	77.8	116.6
141	27.5	22.7	34.1



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





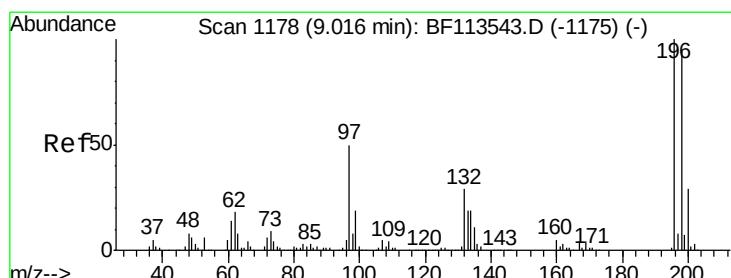
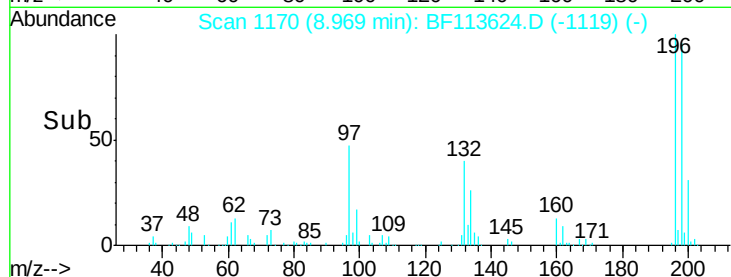
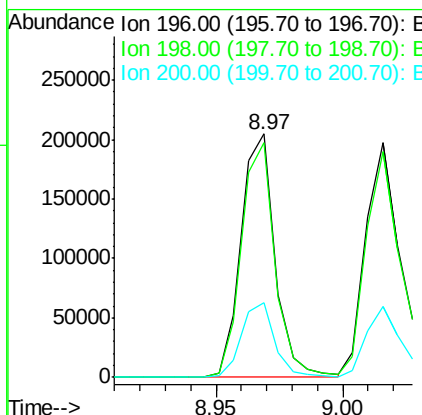
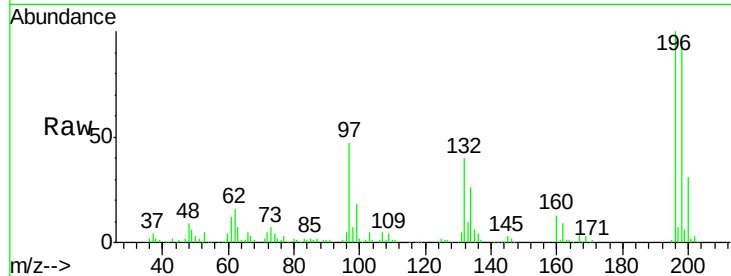
#43
 2,4,6-Trichlorophenol
 Concen: 41.740 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-AMS

Tgt Ion:	196	Resp:	191629
Ion Ratio	Lower	Upper	
196	100		
198	96.3	77.7	116.5
200	30.6	24.9	37.3

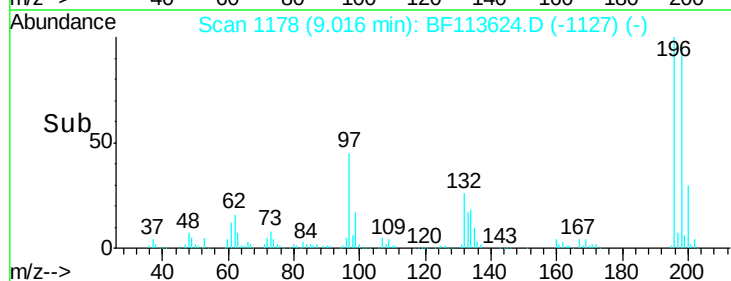
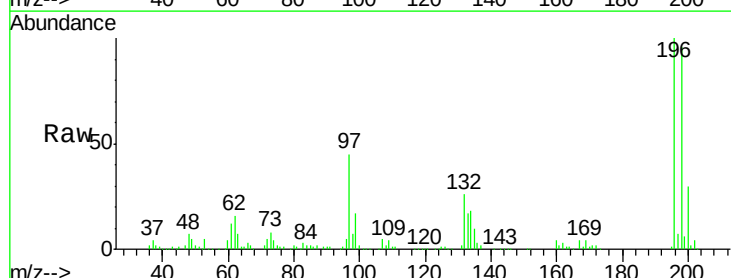
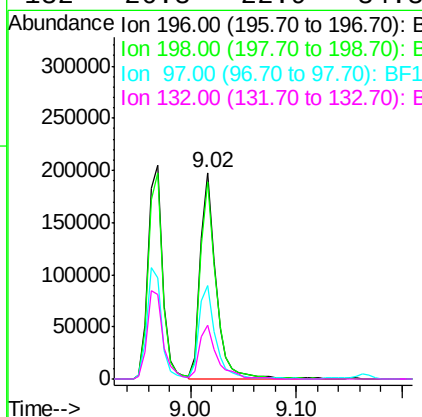
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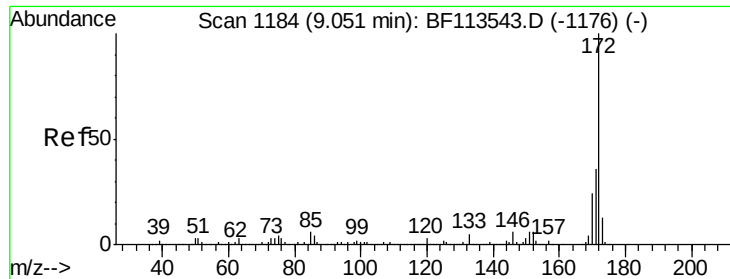
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#44
 2,4,5-Trichlorophenol
 Concen: 40.746 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Tgt Ion:	196	Resp:	200831
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.4	113.2
97	45.2	38.6	58.0
132	26.3	22.9	34.3





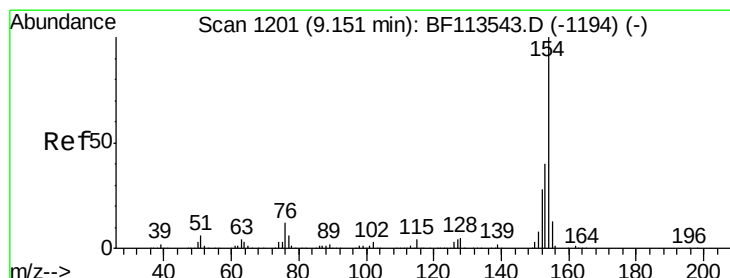
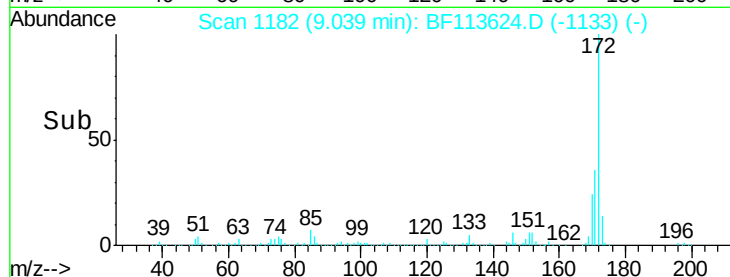
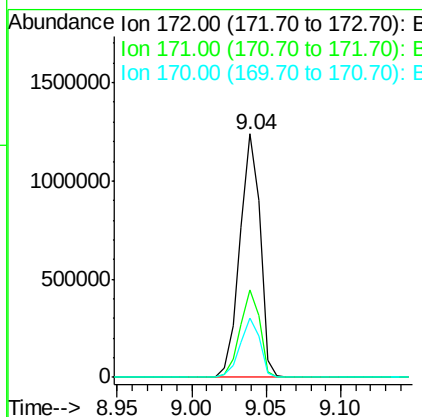
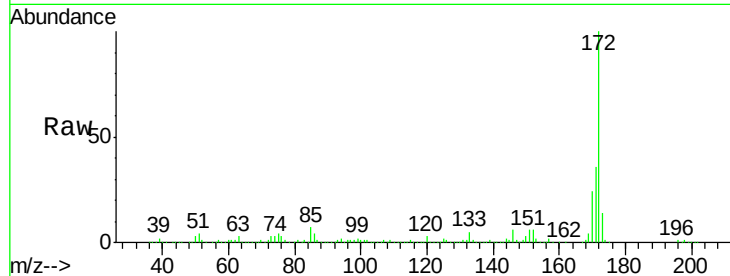
#45
2-Fluorobiphenyl
Concen: 84.224 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion:172 Resp: 1176556
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.3 19.5 29.3

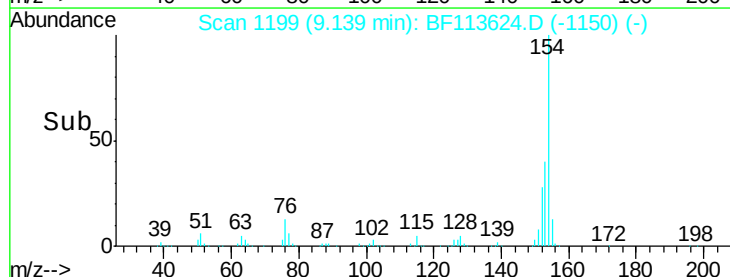
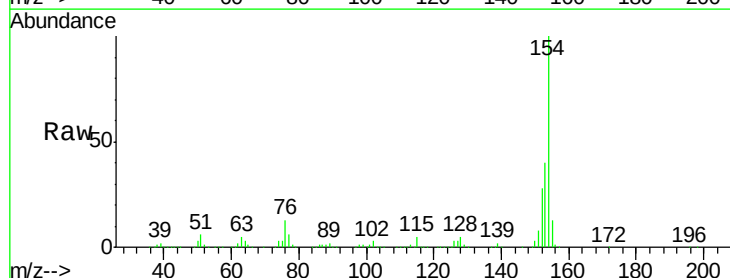
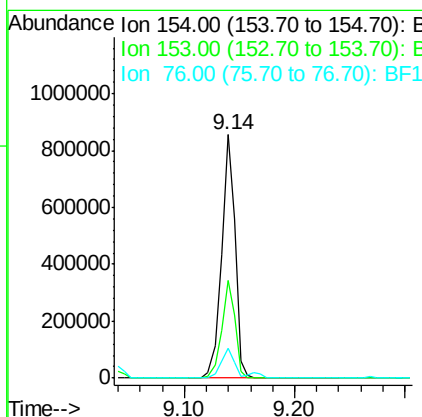
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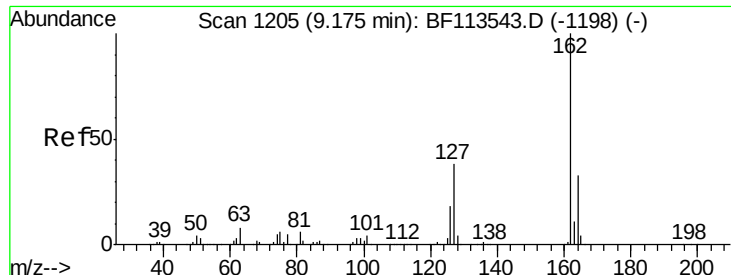
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#46
1,1'-Biphenyl
Concen: 39.286 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion:154 Resp: 729060
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 12.5 0.0 31.9





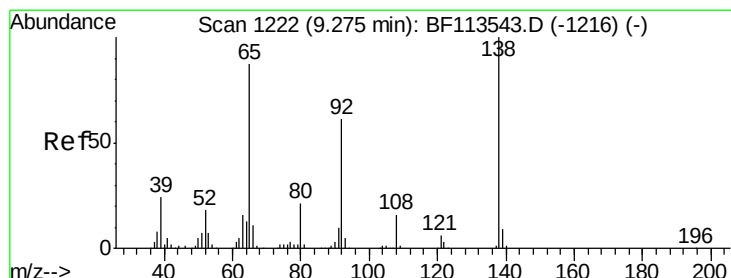
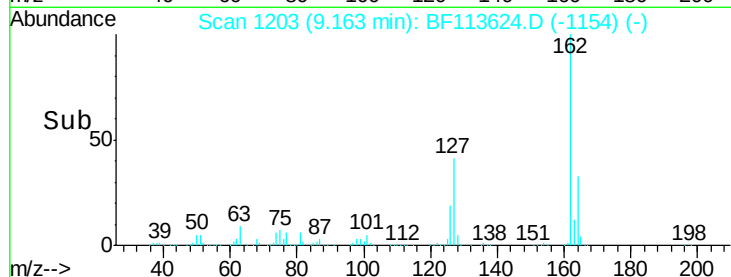
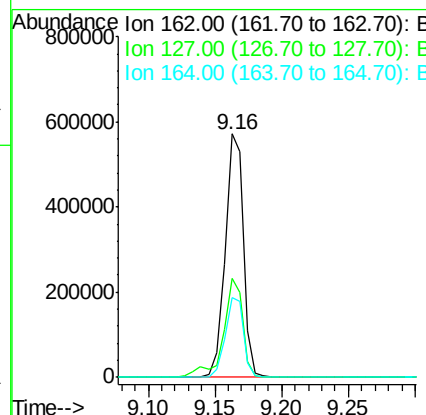
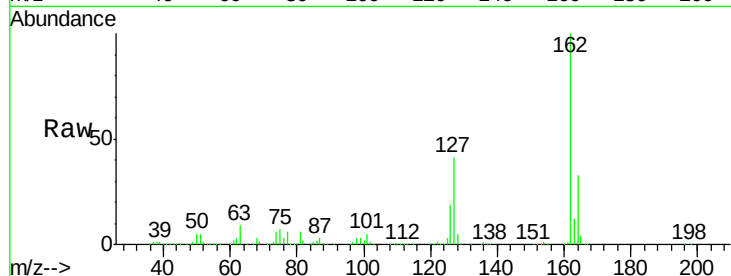
#47
 2-Chloronaphthalene
 Concen: 39.312 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
162	100	552367		
127	40.5	32.6	49.0	
164	33.0	26.6	39.8	

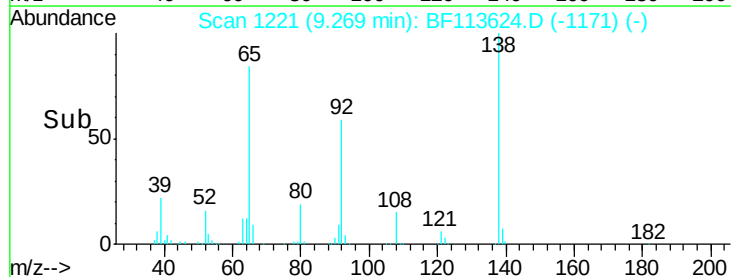
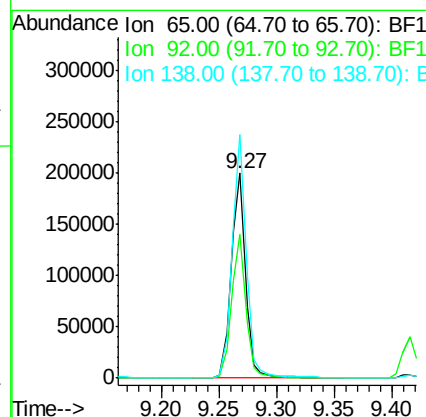
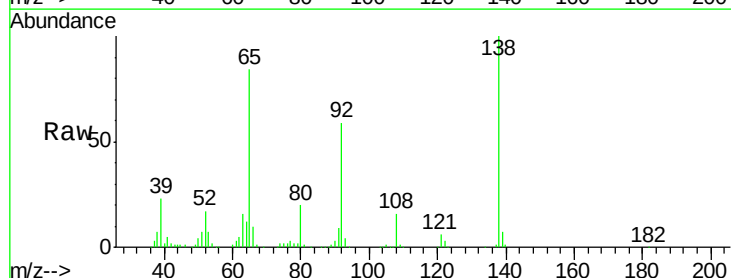
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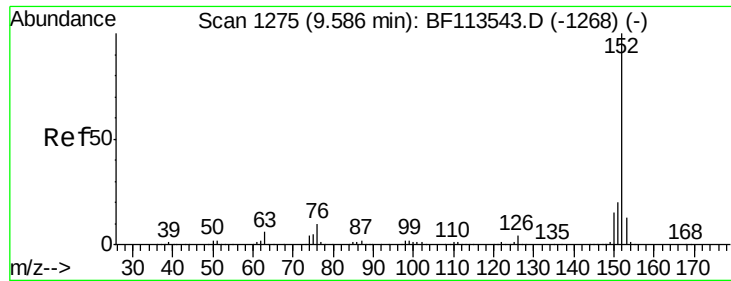
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#48
 2-Nitroaniline
 Concen: 40.230 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	172966		
92	70.4	56.8	85.2	
138	118.8	92.3	138.5	





#49

Acenaphthylene

Concen: 39.188 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

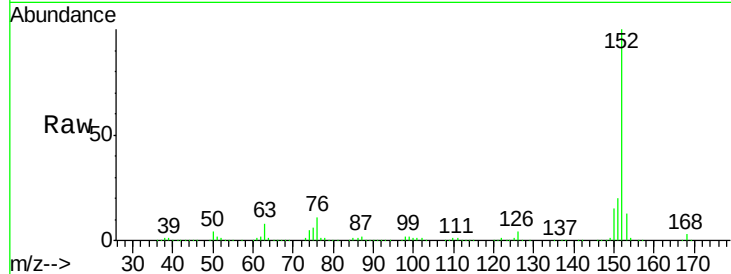
ClientSampleId :

HR-06-040319-AMS

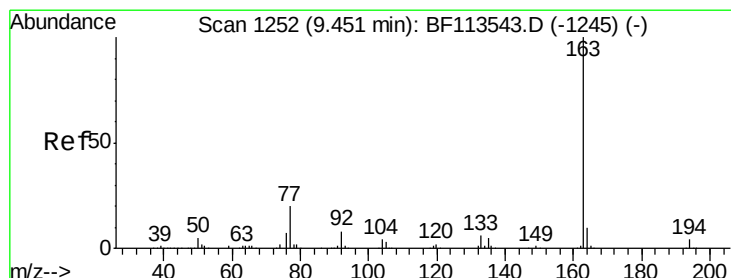
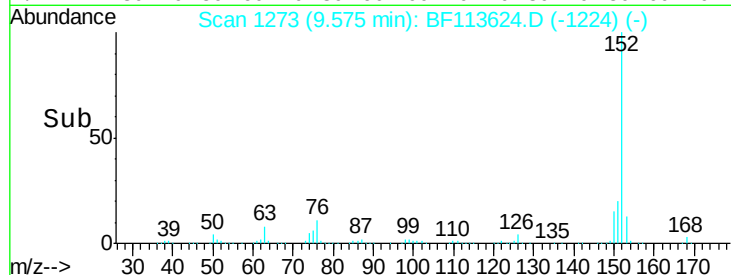
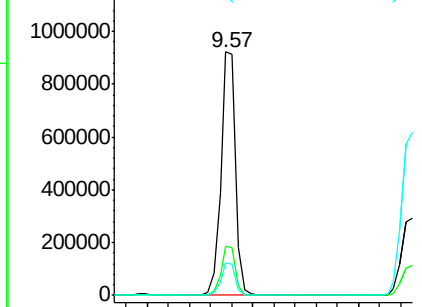
Tgt Ion:	152	Resp:	895376
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	13.5	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.491 ng

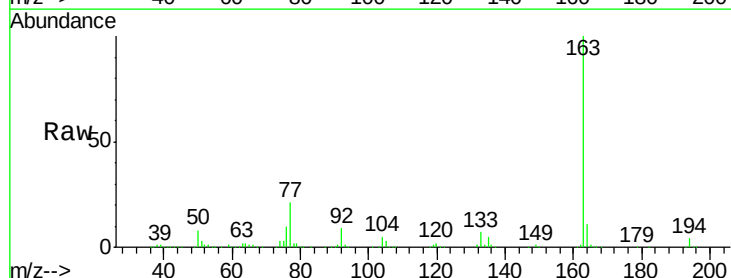
RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

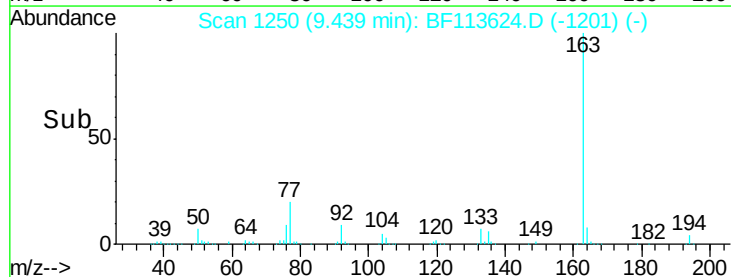
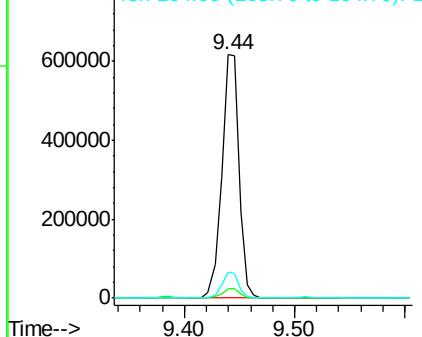
Lab File: BF113624.D

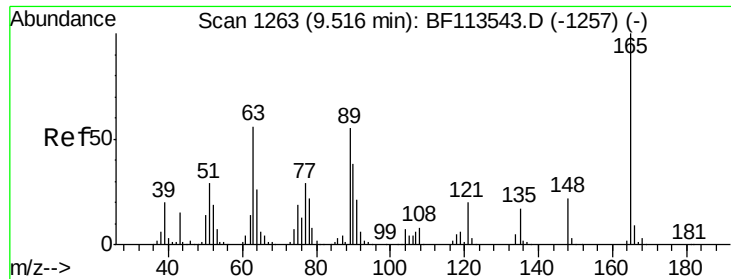
Acq: 5 Apr 2019 19:31

Tgt Ion:	163	Resp:	671234
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	10.5	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.648 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

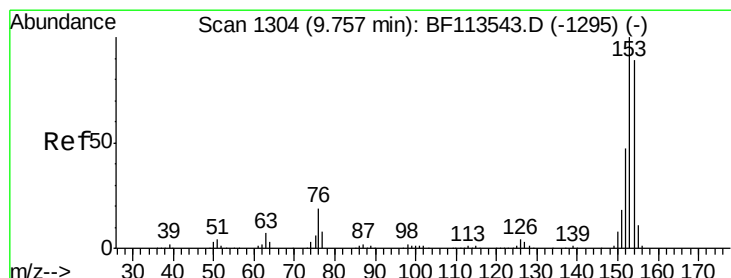
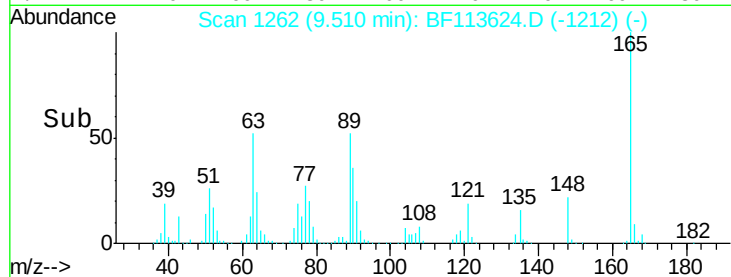
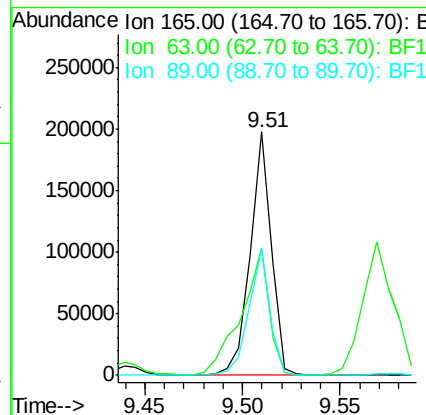
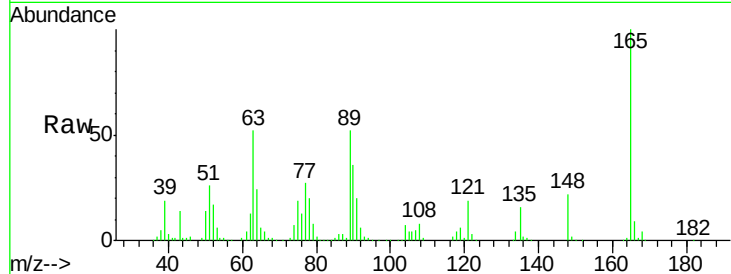
ClientSampleId :

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Tgt Ion:	165	Resp:	148535
Ion Ratio	Lower	Upper	
165	100		
63	52.2	43.4	65.0
89	51.7	43.1	64.7

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#52

Acenaphthene

Concen: 40.437 ng

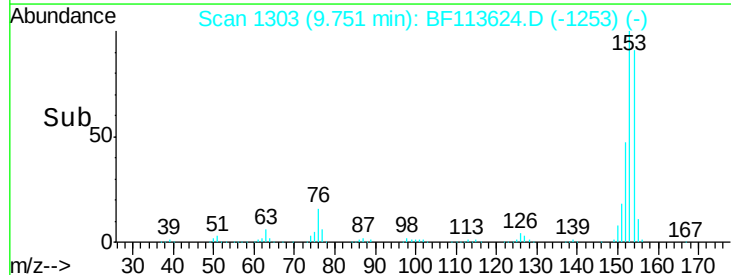
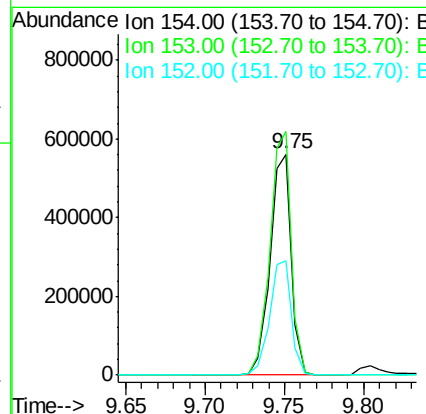
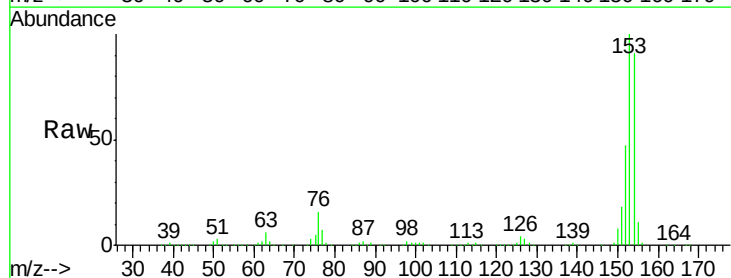
RT: 9.75 min Scan# 1303

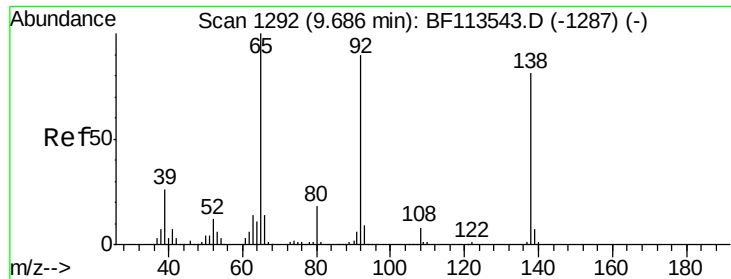
Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	154	Resp:	528868
Ion Ratio	Lower	Upper	
154	100		
153	110.1	89.5	134.3
152	52.0	43.3	64.9





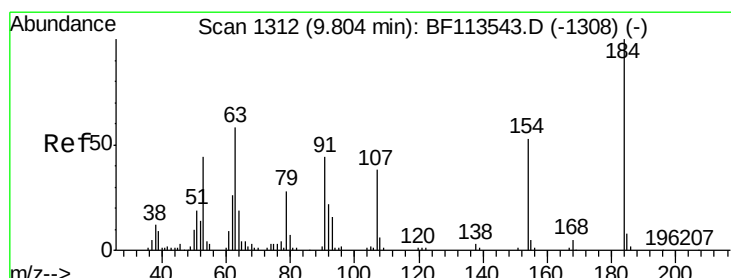
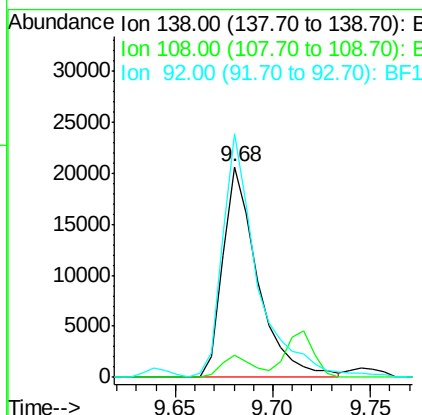
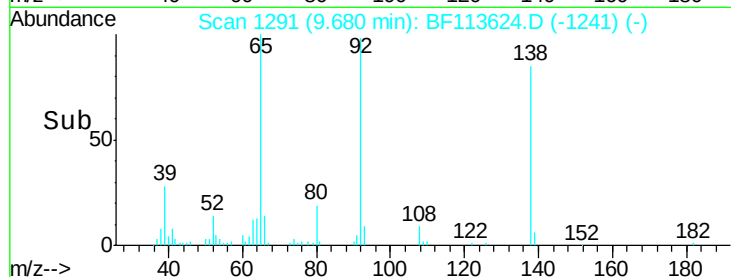
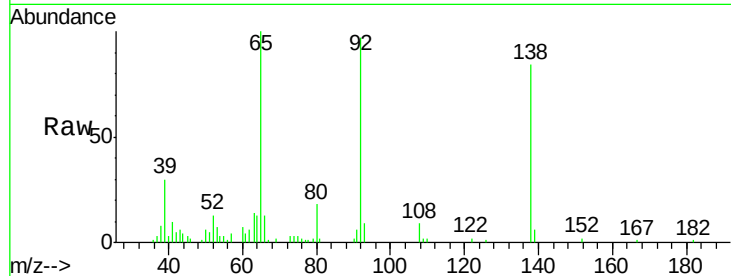
#53
3-Nitroaniline
Concen: 6.171 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion:138 Resp: 25637
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.6
92 115.6 82.6 124.0

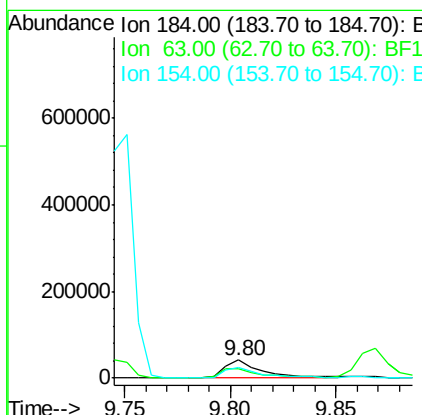
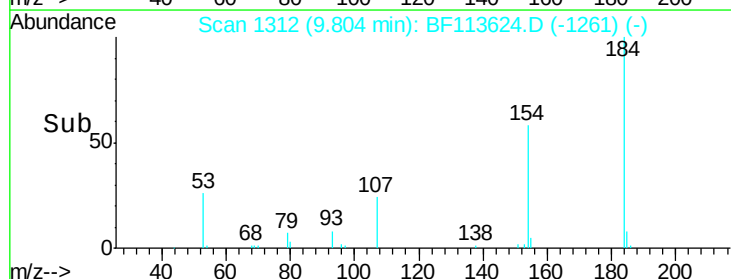
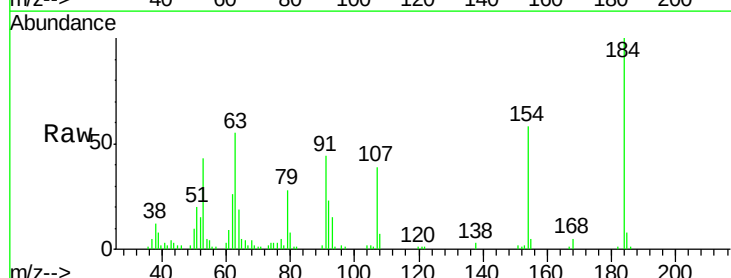
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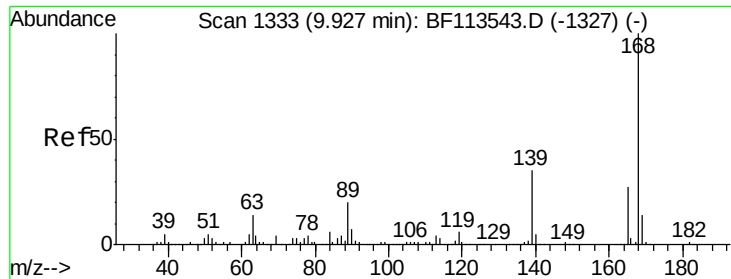
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#54
2,4-Dinitrophenol
Concen: 30.316 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

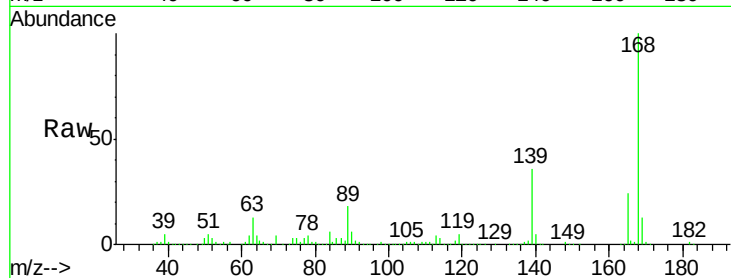
Tgt Ion:184 Resp: 51828
Ion Ratio Lower Upper
184 100
63 54.5 54.3 81.5
154 58.4 48.4 72.6





#55
Dibenzenofuran
Concen: 40.635 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

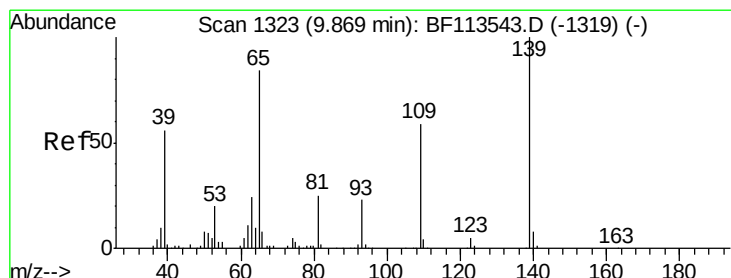
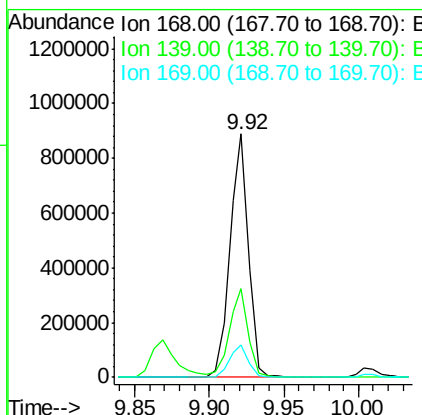
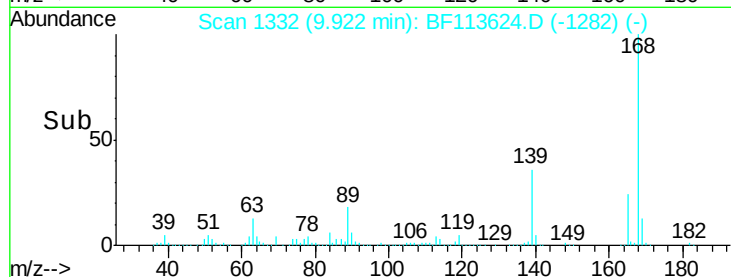
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
168	100	779589		
139	36.3	29.7	44.5	
169	13.5	10.7	16.1	

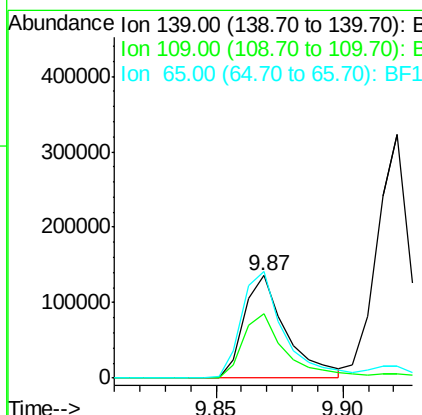
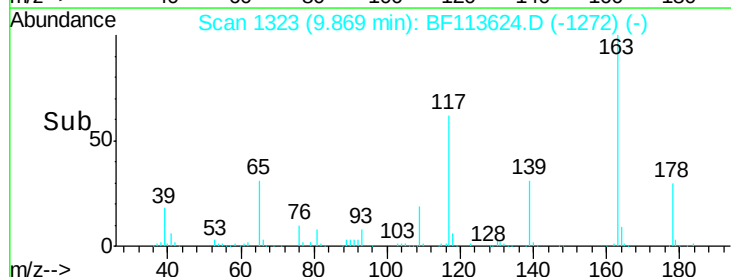
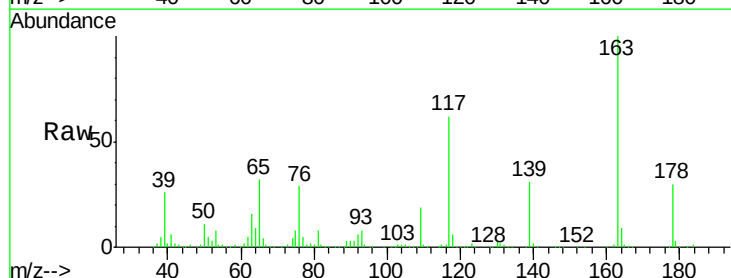
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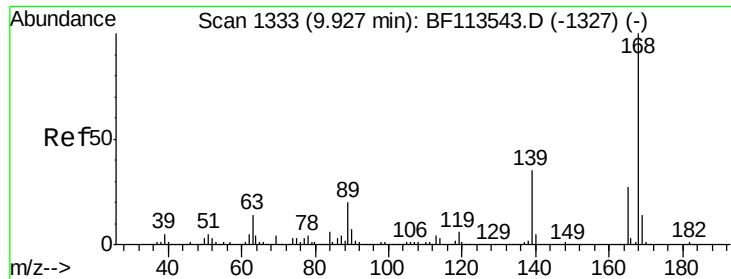
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#56
4-Nitrophenol
Concen: 60.981 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

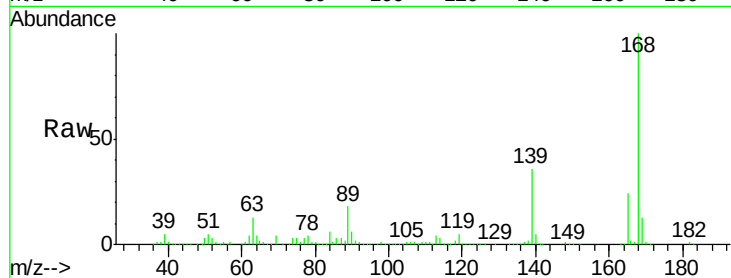
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	157158		
109	62.9	46.9	86.9	
65	104.5	77.2	117.2	





#57
2,4-Dinitrotoluene
Concen: 41.646 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

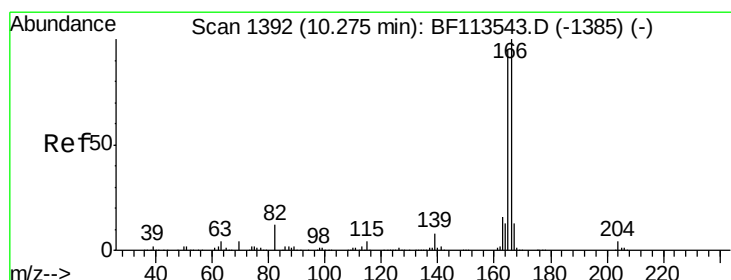
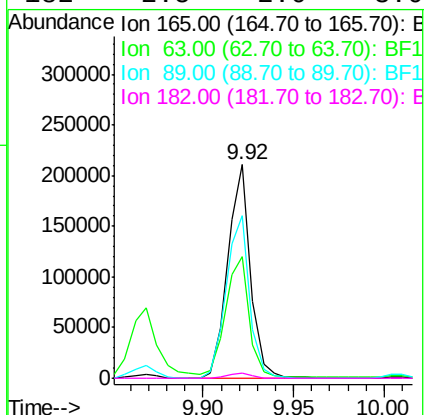
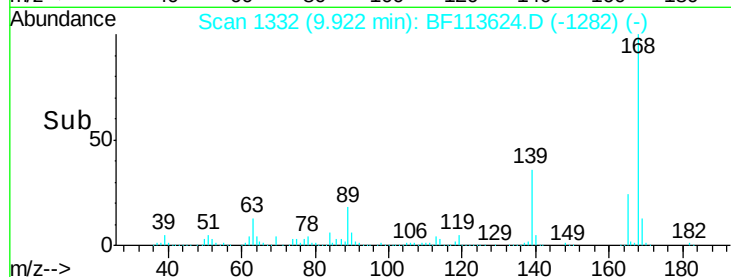
Instrument :
BNA_F
ClientSampleId :
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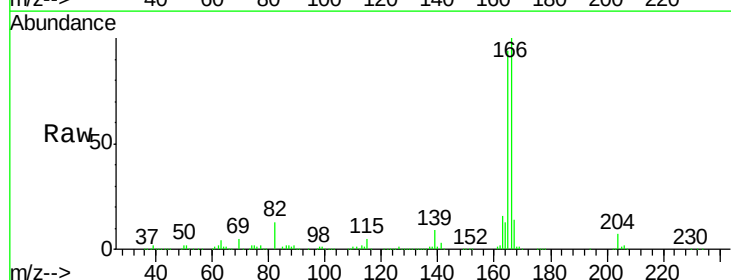
Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.7	37.5	56.3#
89	76.0	57.4	86.2
182	2.5	2.0	3.0

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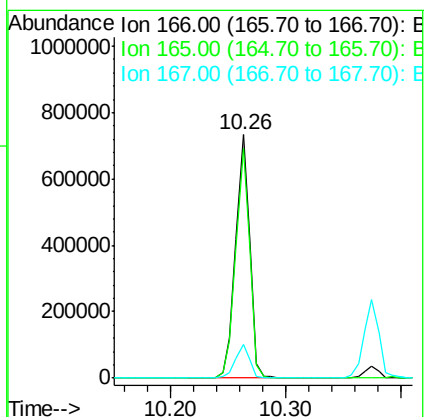
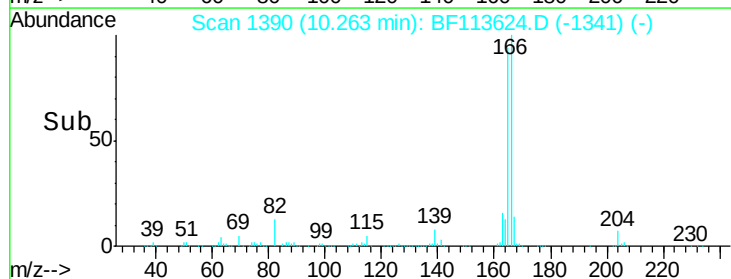
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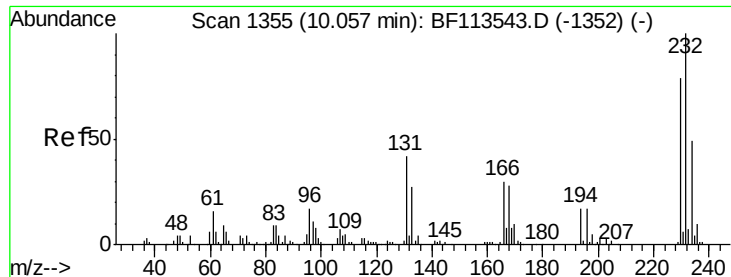


#58
Fluorene
Concen: 41.079 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31



Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	94.2	76.2	114.2
167	14.0	10.7	16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.535 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

ClientSampleId :

HR-06-040319-AMS

Tgt Ion: 232 Resp: 177203

Ion Ratio Lower Upper

232 100

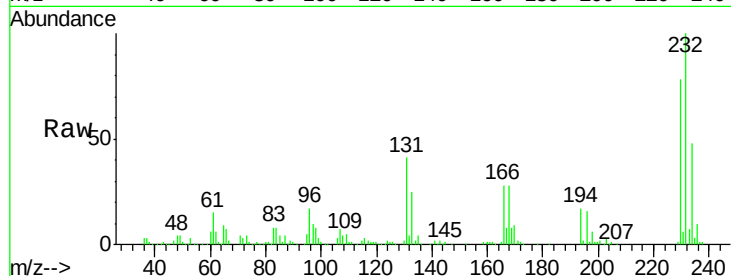
131 39.0 33.2 49.8

130 1.8 1.6 2.4

166 26.5 21.0 31.6

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Sohil
4/8/2019 9:48:15 AM

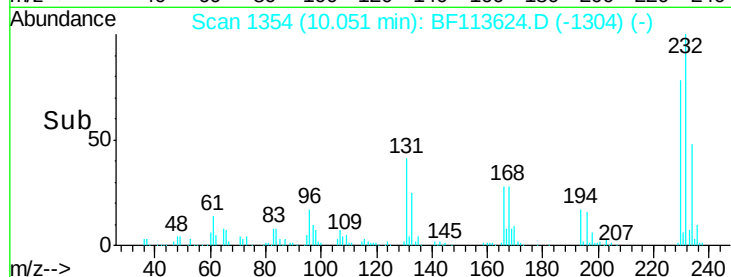


Abundance Ion 232.00 (231.70 to 232.70): E

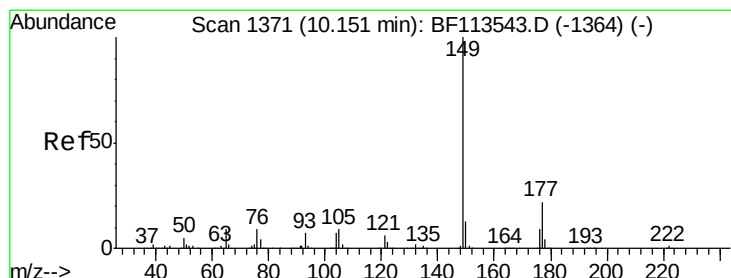
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 42.360 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

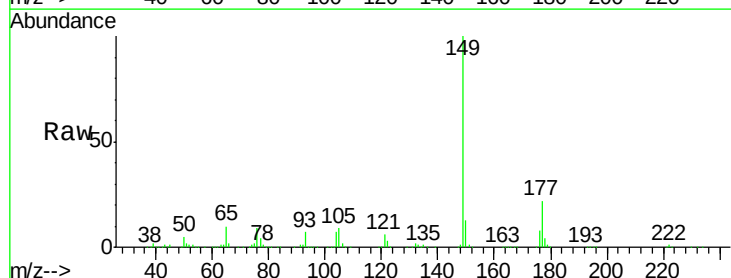
Tgt Ion: 149 Resp: 677034

Ion Ratio Lower Upper

149 100

177 21.8 17.4 26.0

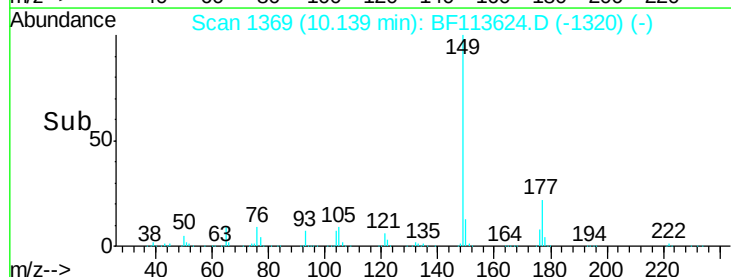
150 12.6 10.0 15.0



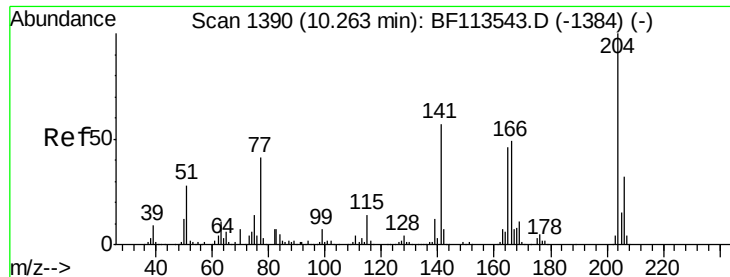
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



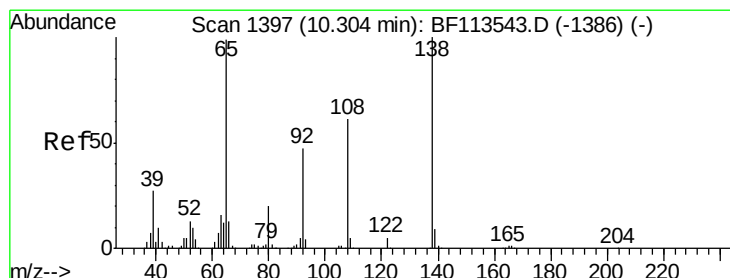
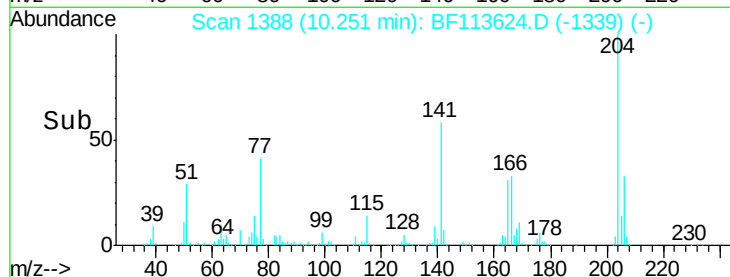
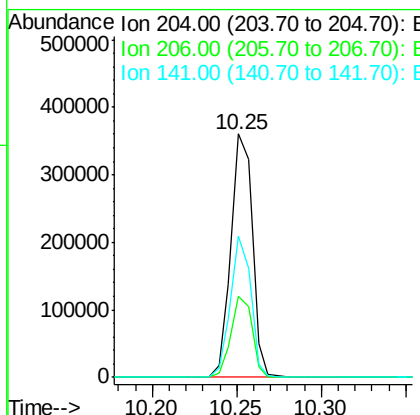
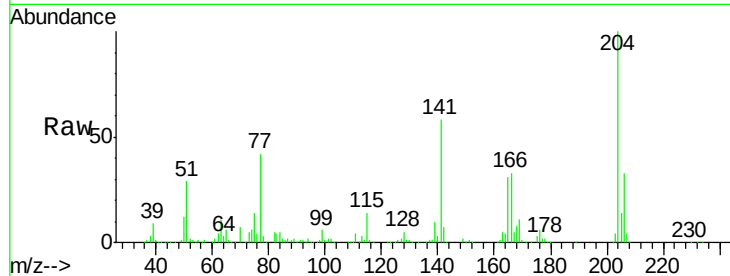
#61
 4-Chlorophenyl-phenylether
 Concen: 42.485 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	317093		
206	33.1	26.9	40.3	
141	58.0	48.8	73.2	

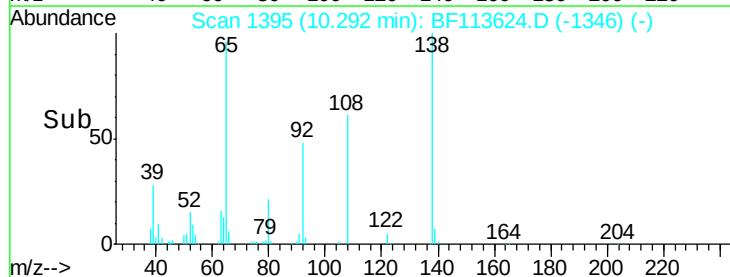
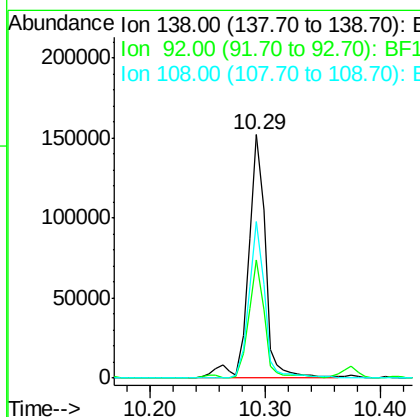
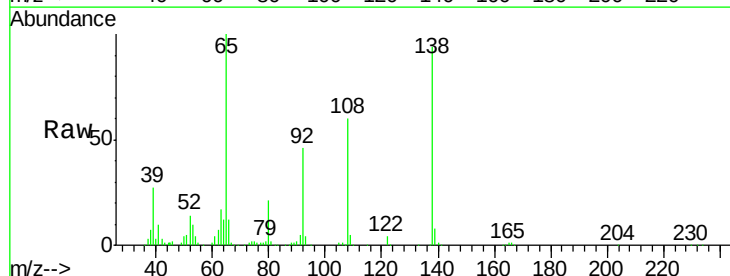
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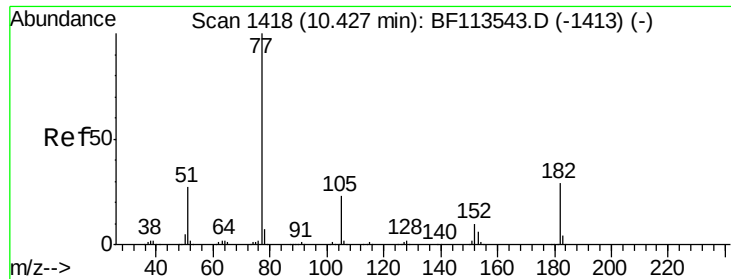
Sohil
 4/8/2019 9:48:15 AM



#62
 4-Nitroaniline
 Concen: 36.758 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	155290		
92	48.7	25.8	65.8	
108	64.2	44.0	84.0	





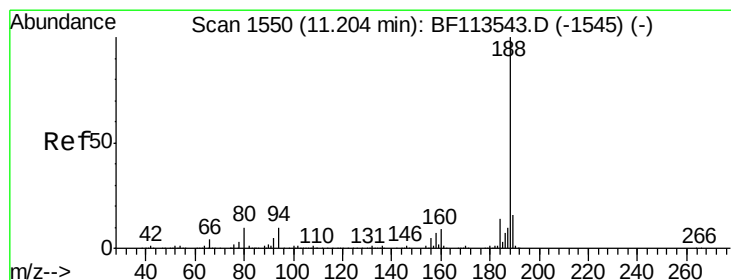
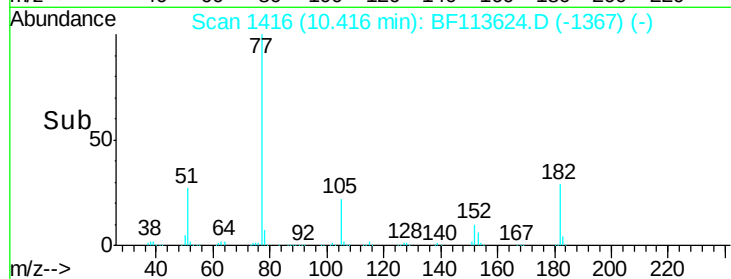
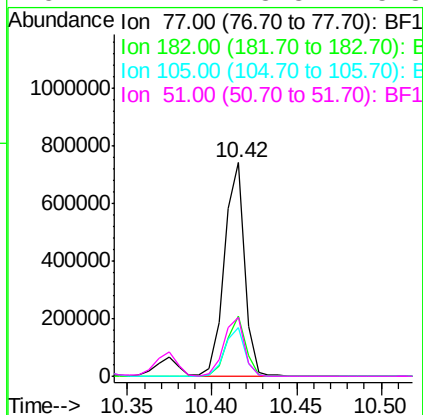
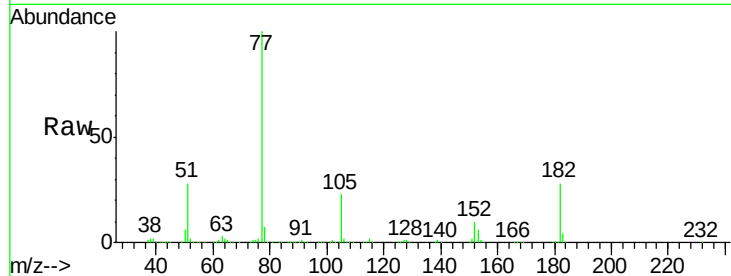
#63
Azobenzene
Concen: 40.262 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.7	48.7
105	23.0	2.9	42.9
51	27.7	8.8	48.8

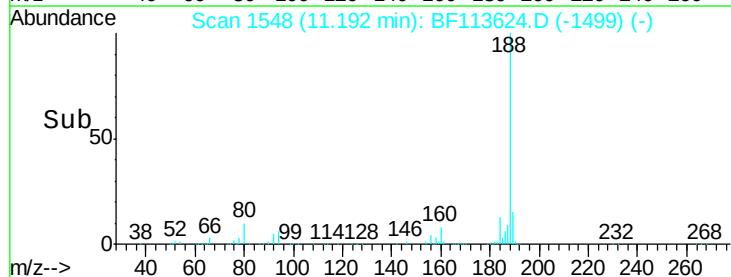
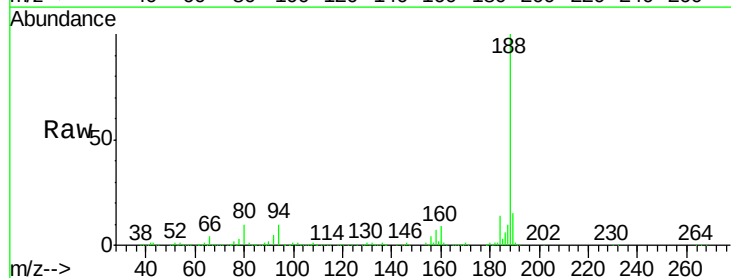
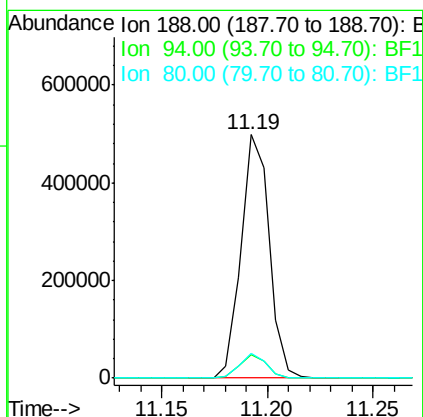
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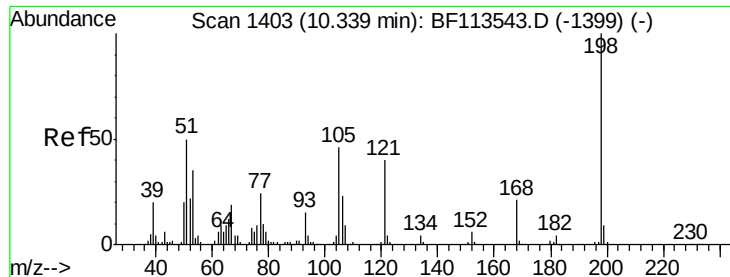
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.0	10.6
80	10.3	7.7	11.5





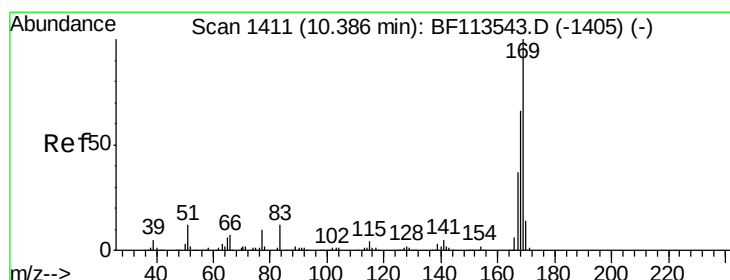
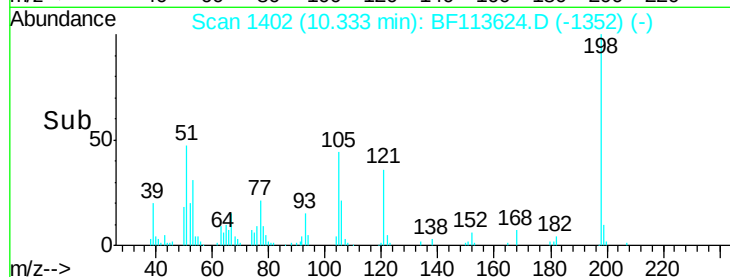
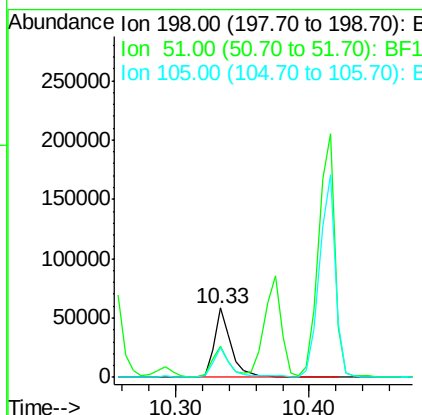
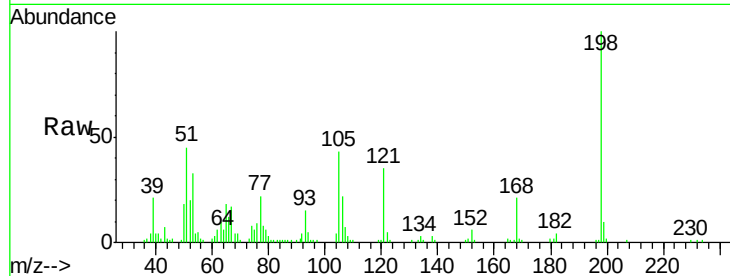
#65
 4,6-Dinitro-2-methylphenol
 Concen: 21.615 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	52195		
51	45.4	21.6	61.6	
105	42.9	20.6	60.6	

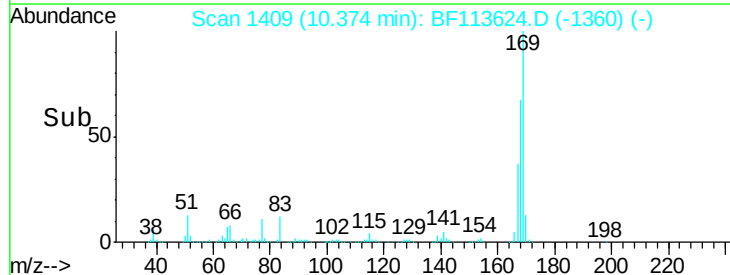
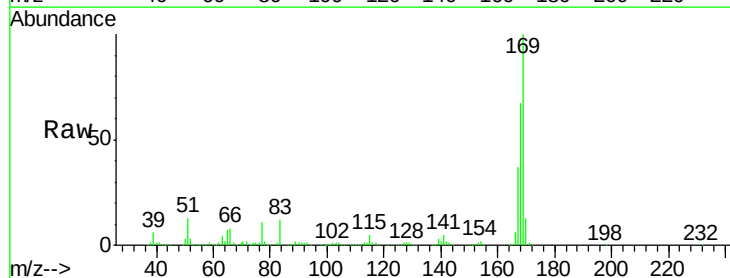
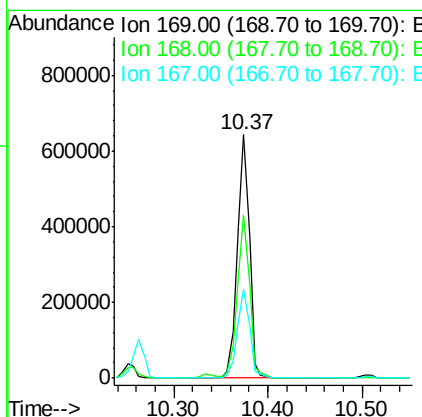
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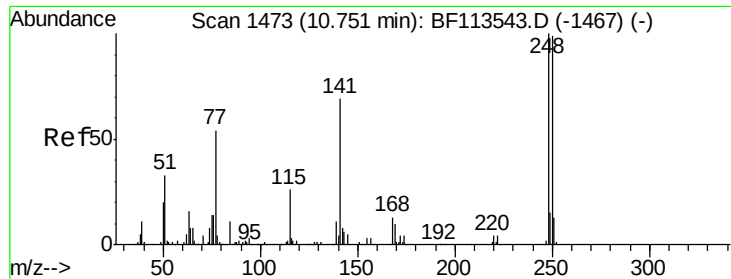
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#66
 n-Nitrosodiphenylamine
 Concen: 40.588 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	571540		
168	67.2	53.7	80.5	
167	36.6	29.5	44.3	





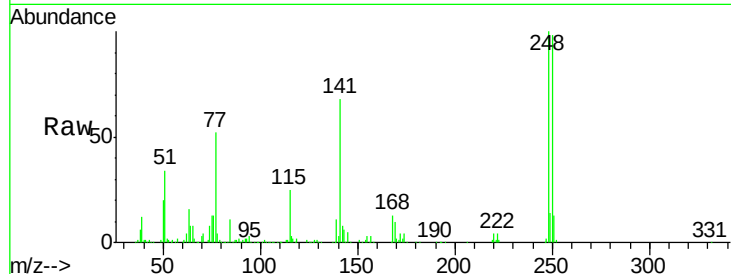
#67
4-Bromophenyl-phenylether
Concen: 39.513 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

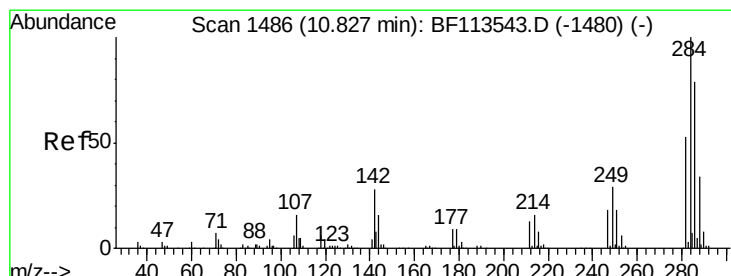
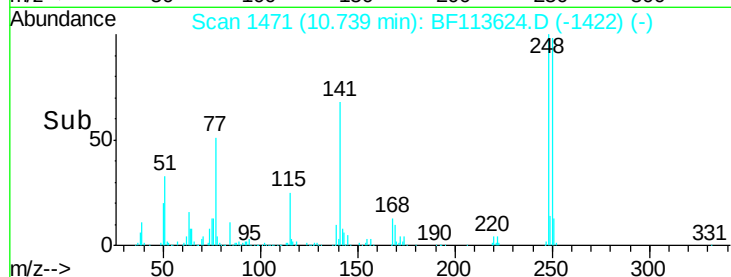
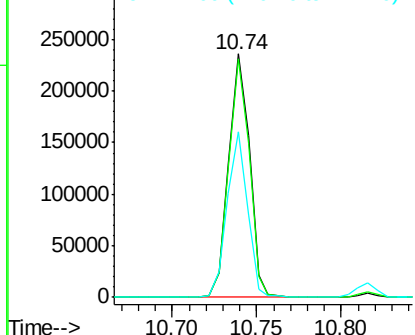
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	67.8	56.2	84.4

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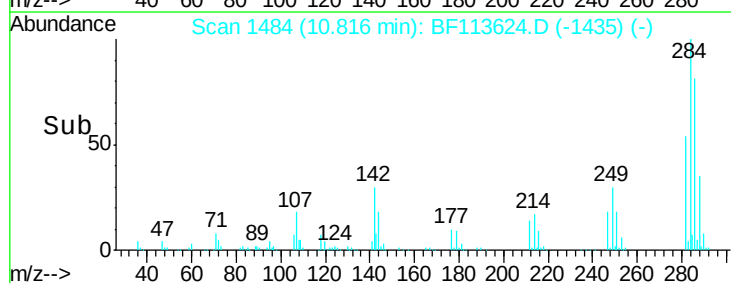
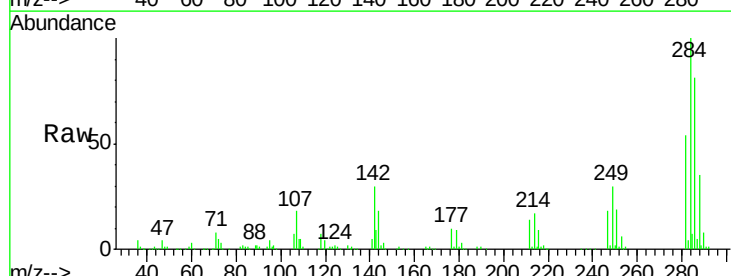
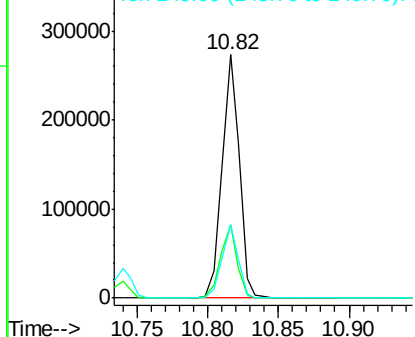
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

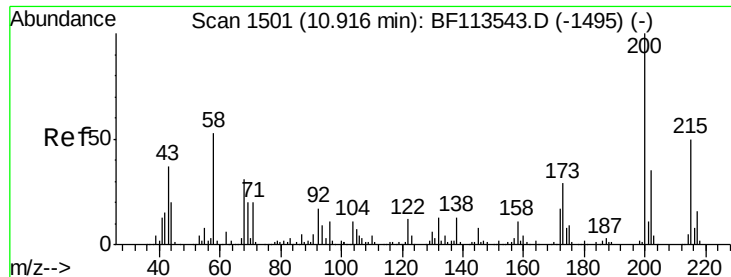


#68
Hexachlorobenzene
Concen: 39.237 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	20.1	30.1#
249	30.1	22.7	34.1

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





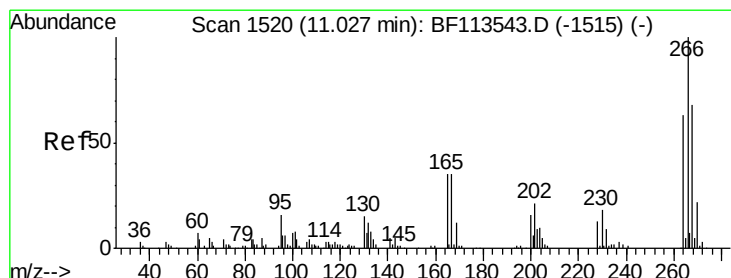
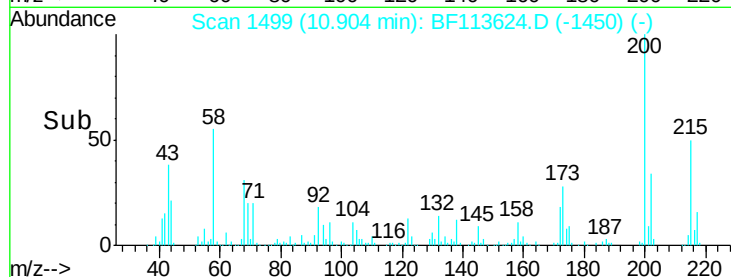
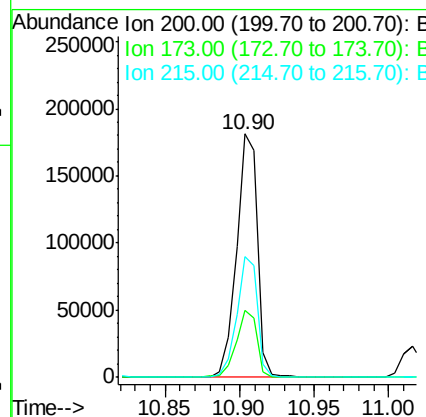
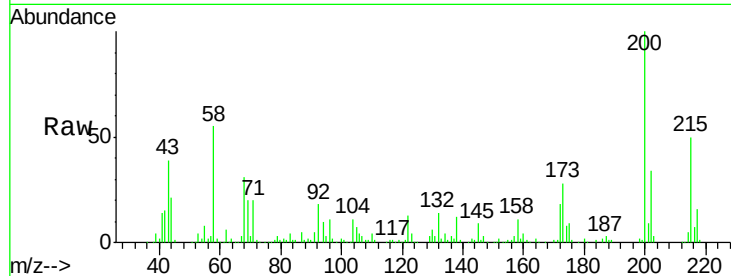
#69
 Atrazine
 Concen: 40.269 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	178730		
173	27.7	6.0	46.0	
215	49.6	31.3	71.3	

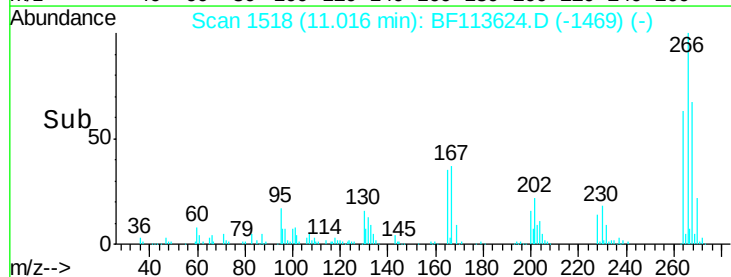
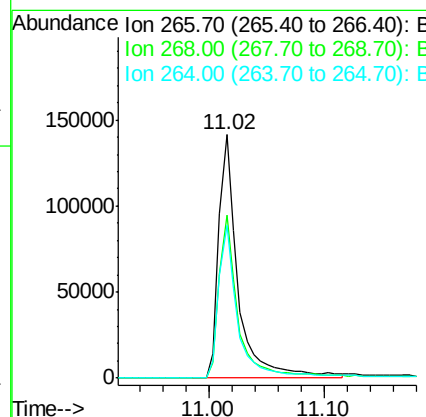
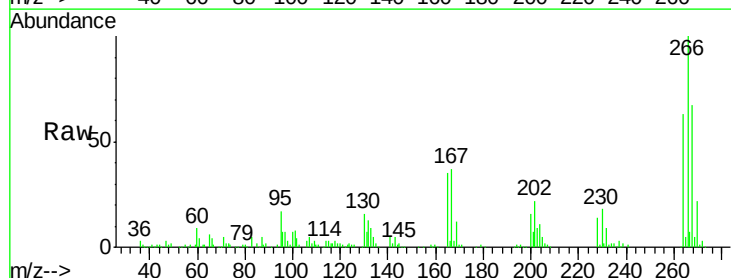
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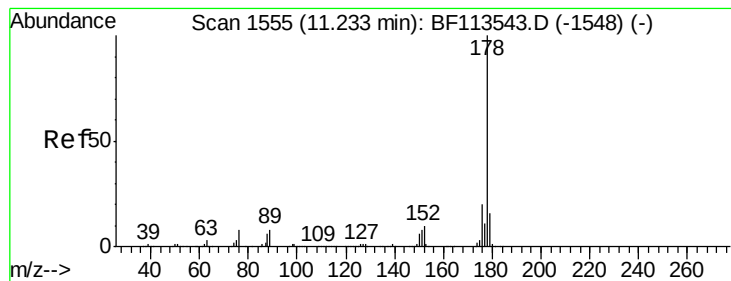
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#70
 Pentachlorophenol
 Concen: 59.489 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	165234		
268	66.8	53.8	80.6	
264	62.5	49.2	73.8	





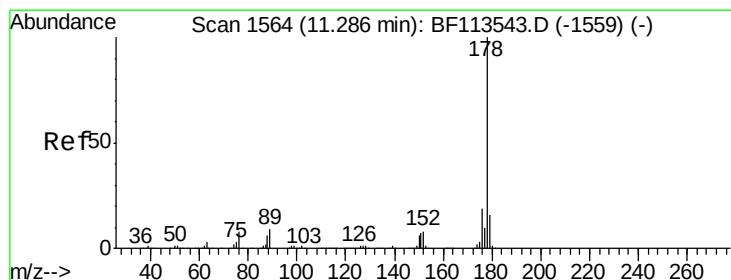
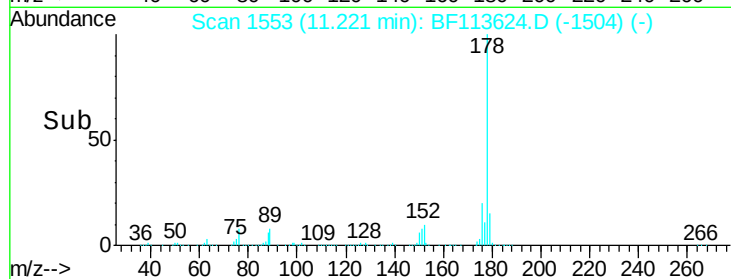
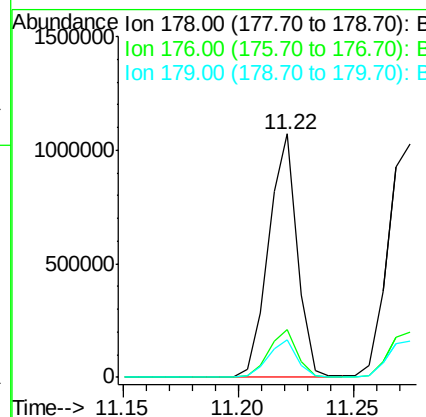
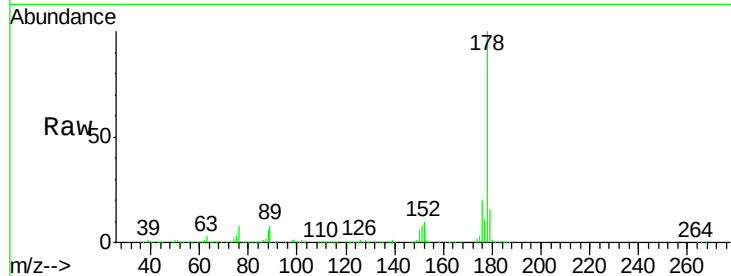
#71
 Phenanthrene
 Concen: 40.610 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-AMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.2
179	15.6	12.7	19.1

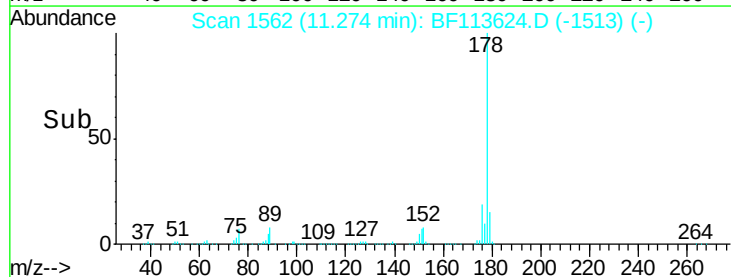
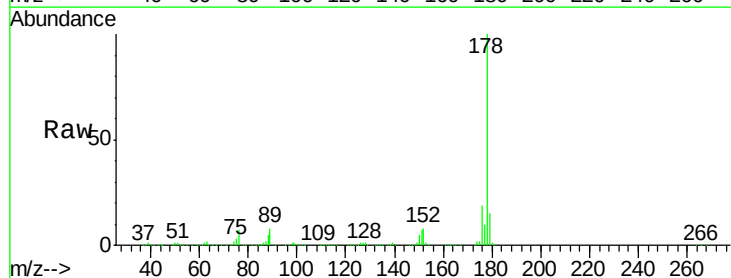
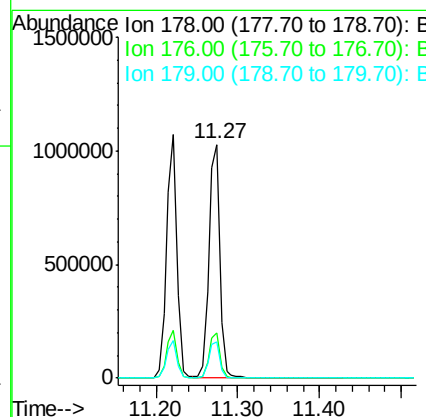
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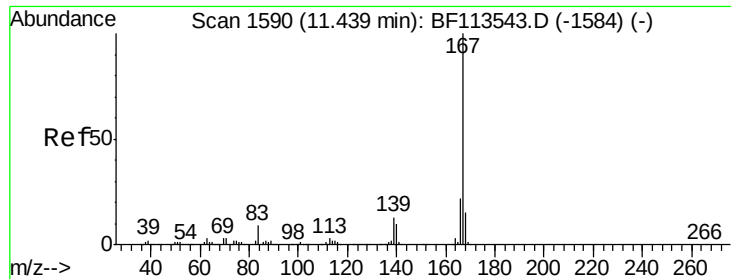
Sohil
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#72
 Anthracene
 Concen: 41.383 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.8	19.2





#73

Carbazole

Concen: 40.974 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

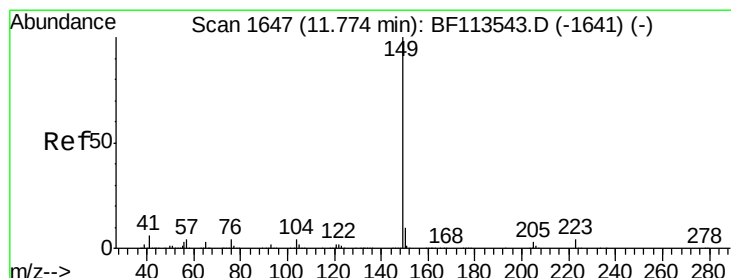
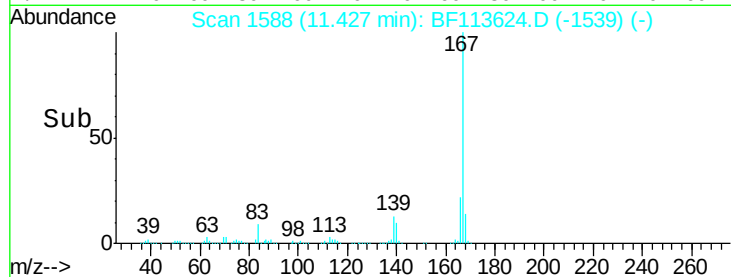
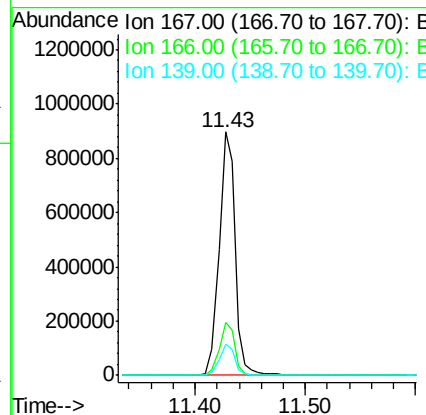
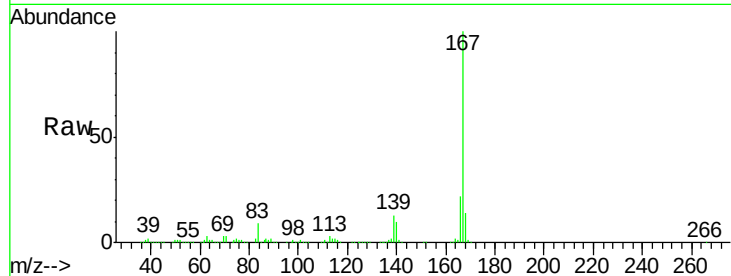
ClientSampleId :

HR-06-040319-AMS

Tgt Ion:	167	Resp:	888673
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.4	26.0
139	12.7	10.4	15.6

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#74

Di-n-butylphthalate

Concen: 41.970 ng

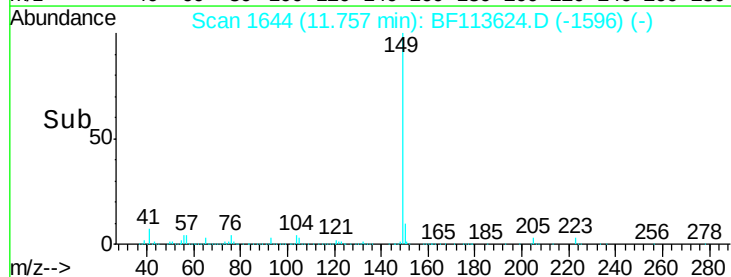
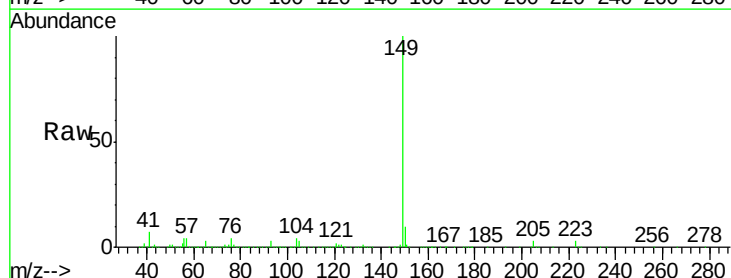
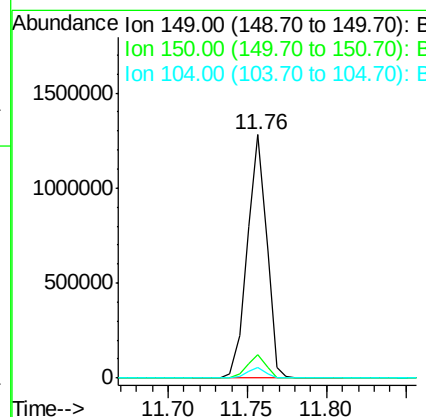
RT: 11.76 min Scan# 1644

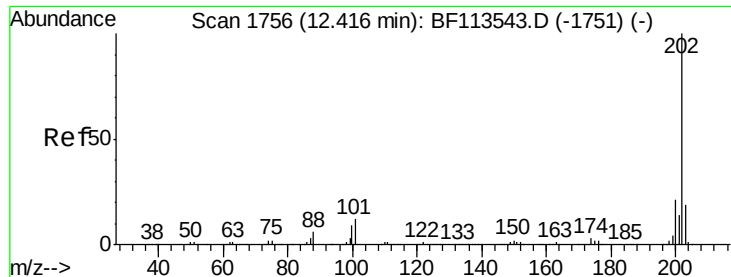
Delta R.T. -0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	149	Resp:	1082855
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 41.248 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

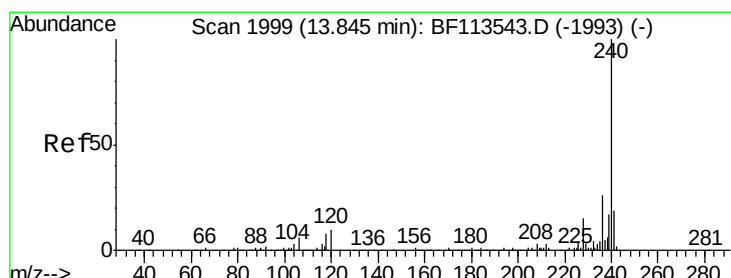
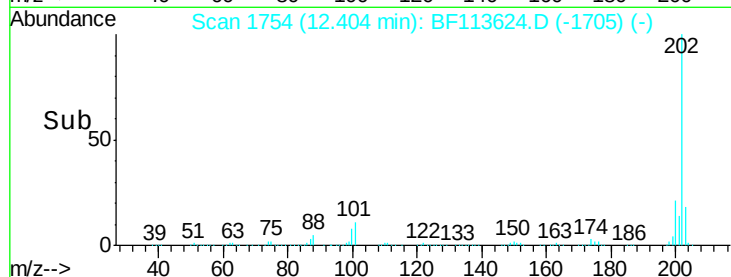
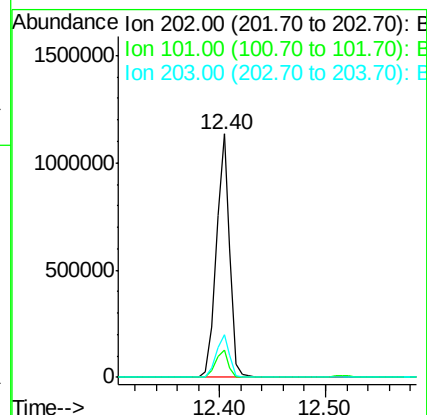
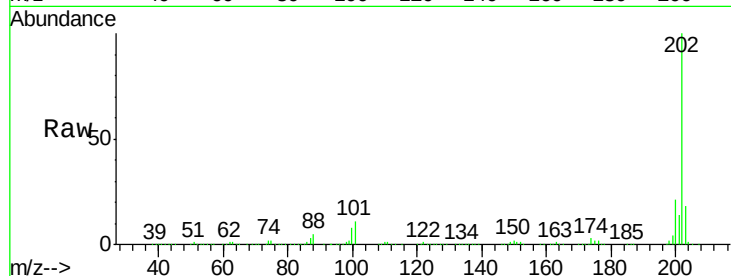
ClientSampleId :

HR-06-040319-AMS

Tgt Ion:	202	Resp:	1007431
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.4
203	17.7	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

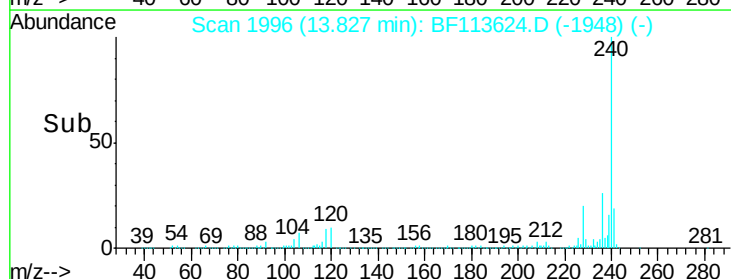
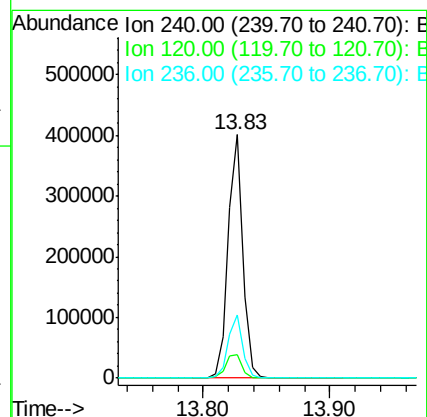
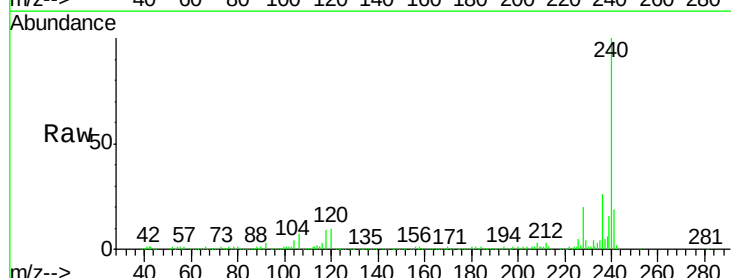
RT: 13.83 min Scan# 1996

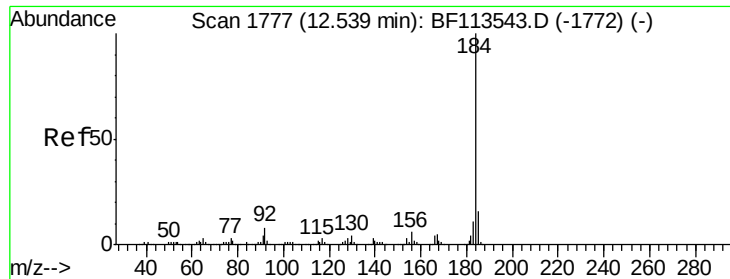
Delta R.T. -0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	240	Resp:	324212
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.8	13.2
236	25.9	20.9	31.3





#77

Benzidine

Concen: 16.041 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

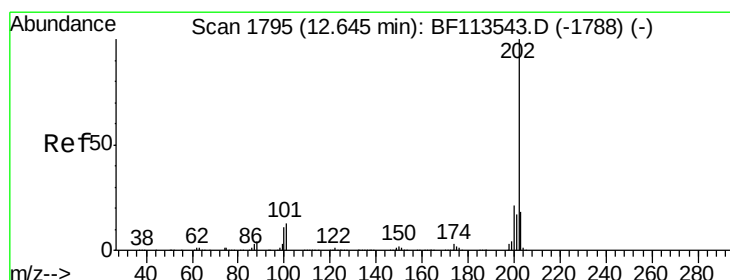
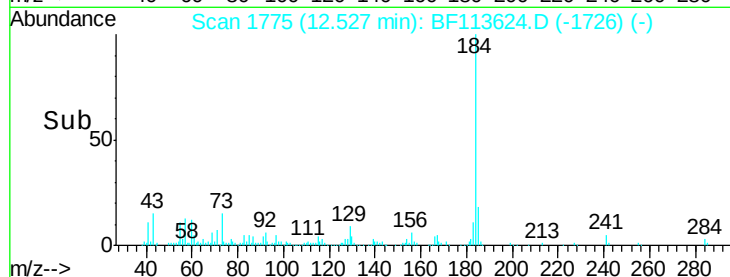
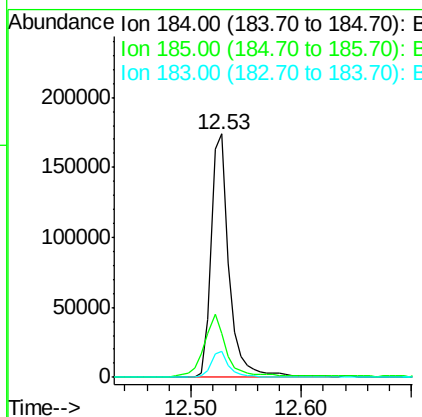
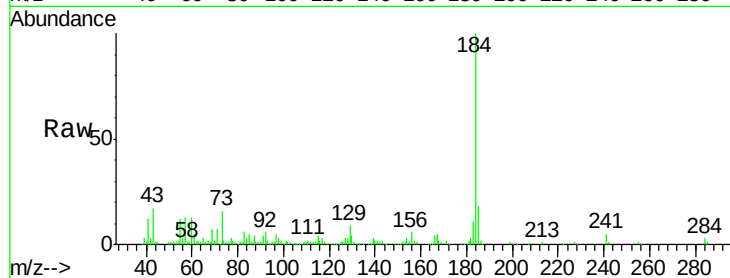
ClientSampleId :

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Tgt Ion:	184	Resp:	193398
Ion Ratio	Lower	Upper	
184	100		
185	18.2	13.0	19.6
183	10.9	9.0	13.4

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#78

Pyrene

Concen: 40.018 ng

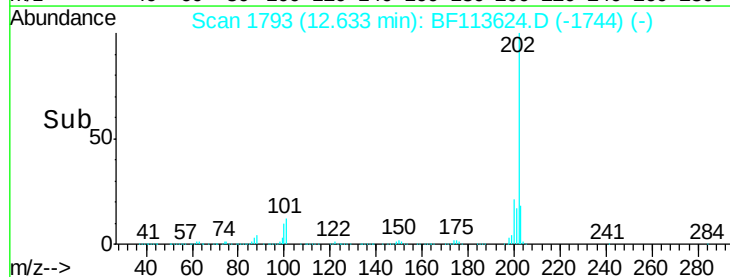
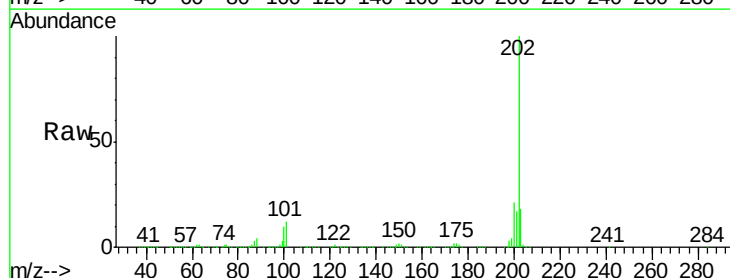
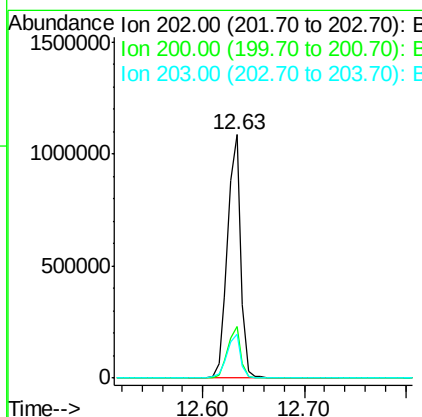
RT: 12.63 min Scan# 1793

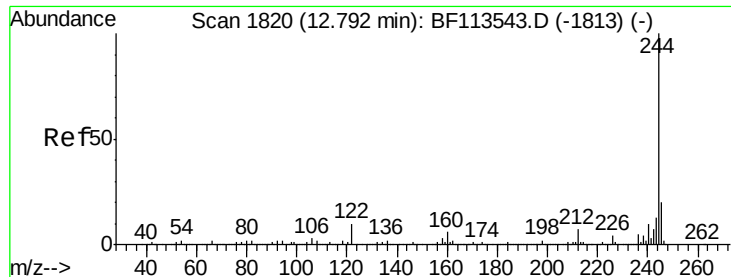
Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	202	Resp:	987201
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.8	25.2
203	18.3	14.4	21.6





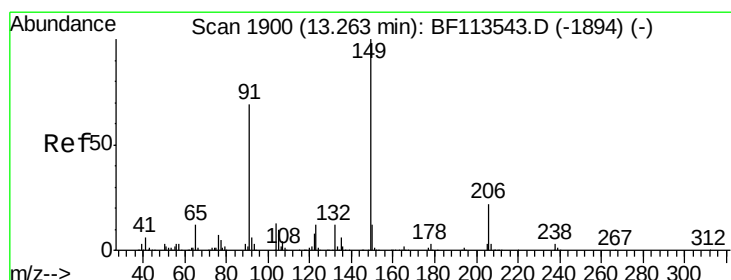
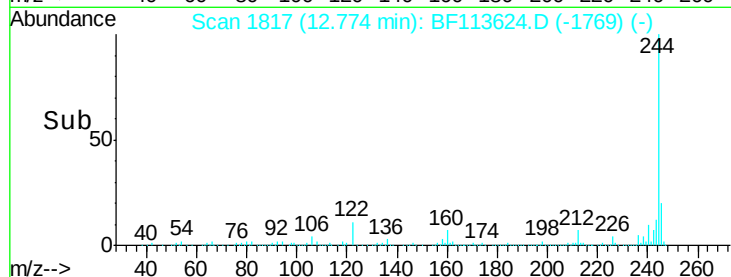
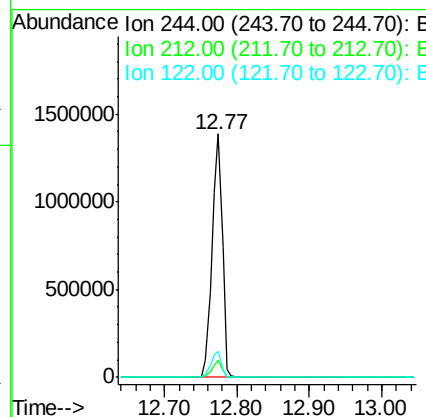
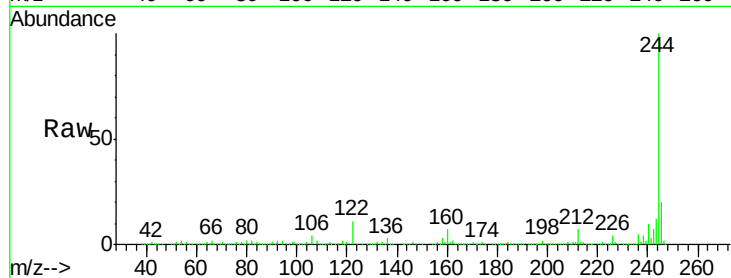
#79
 Terphenyl-d14
 Concen: 85.567 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-AMS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.7	8.6	13.0

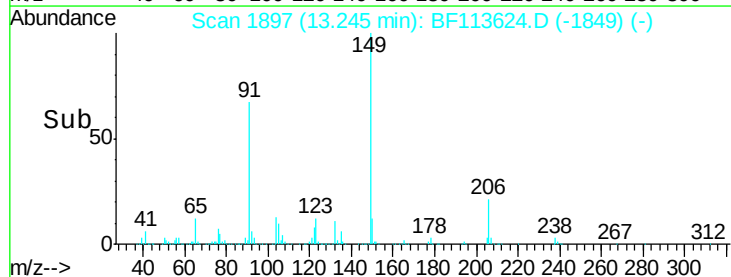
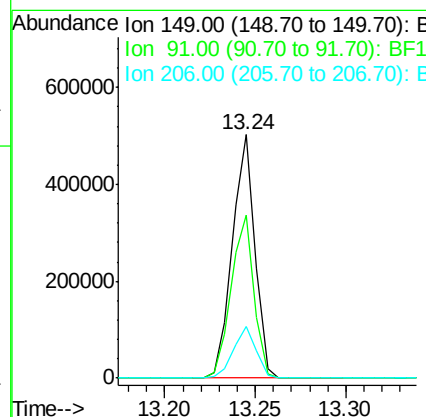
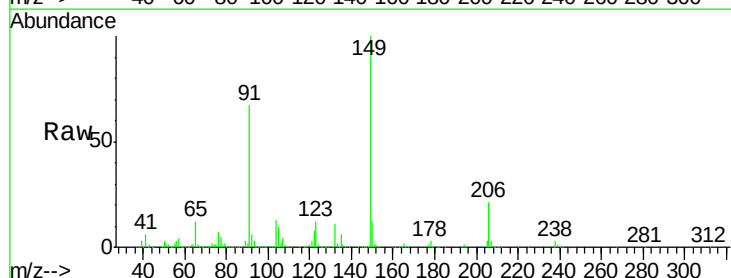
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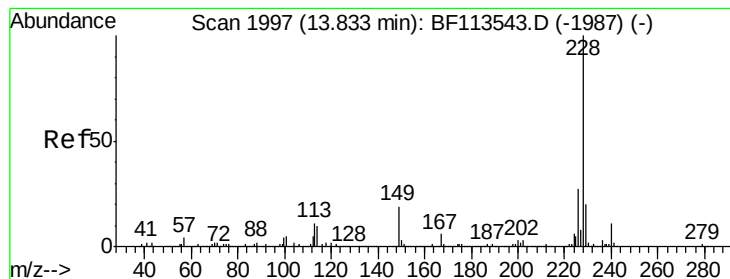
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#80
 Butylbenzylphthalate
 Concen: 43.661 ng
 RT: 13.24 min Scan# 1897
 Delta R.T. -0.02 min
 Lab File: BF113624.D
 Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.9	55.2	82.8
206	21.3	16.1	24.1





#81

Benzo(a)anthracene

Concen: 39.282 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

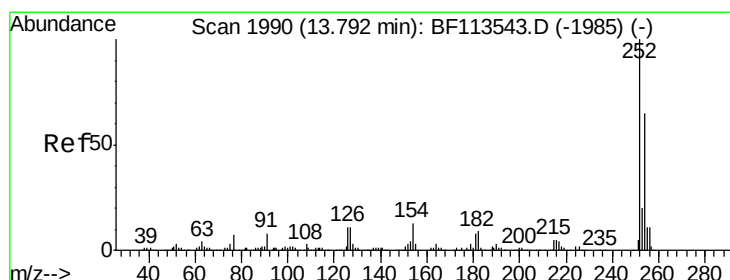
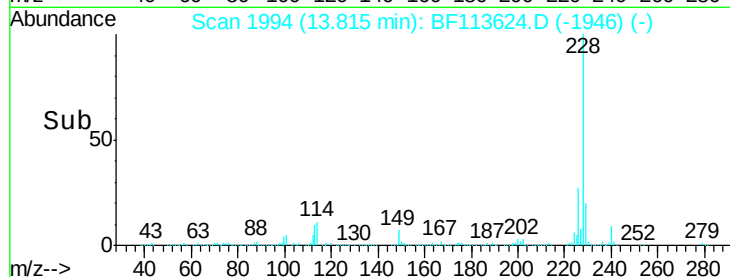
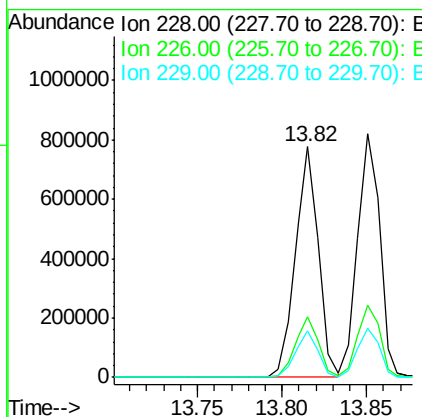
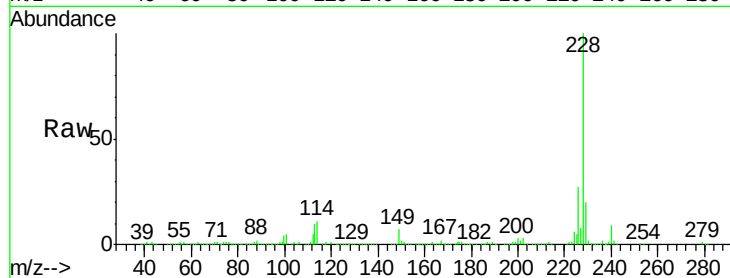
ClientSampleId :

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Tgt Ion:	228	Resp:	734668
Ion Ratio	Lower	Upper	
228	100		
226	26.6	21.8	32.8
229	20.5	16.2	24.4

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#82

3,3'-Dichlorobenzidine

Concen: 6.046 ng

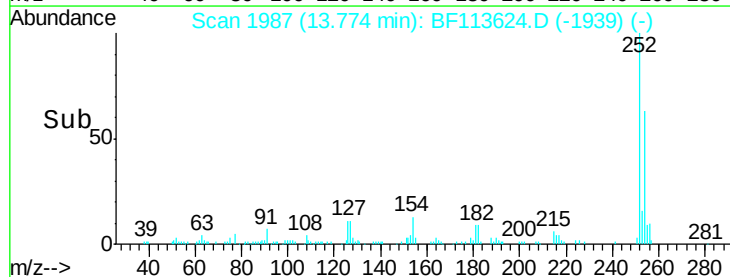
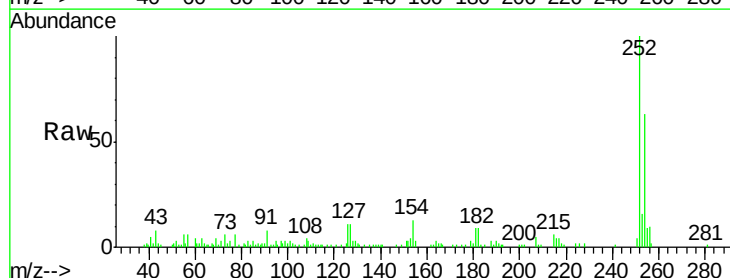
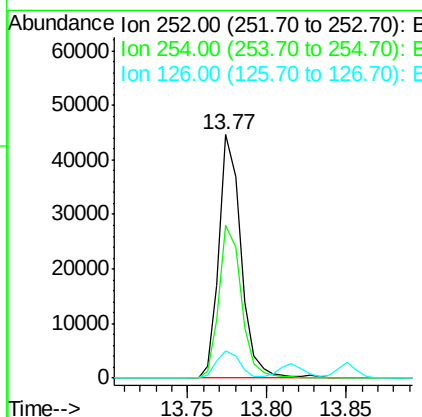
RT: 13.77 min Scan# 1987

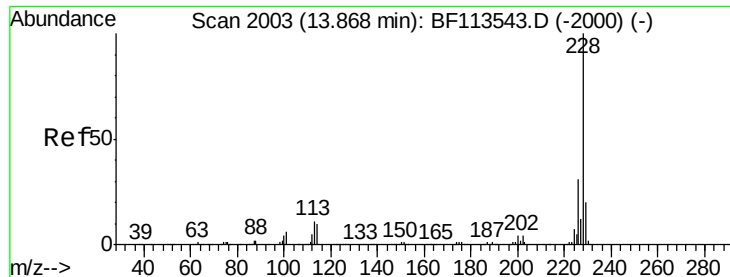
Delta R.T. -0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	252	Resp:	43550
Ion Ratio	Lower	Upper	
252	100		
254	62.6	52.2	78.2
126	11.2	8.5	12.7





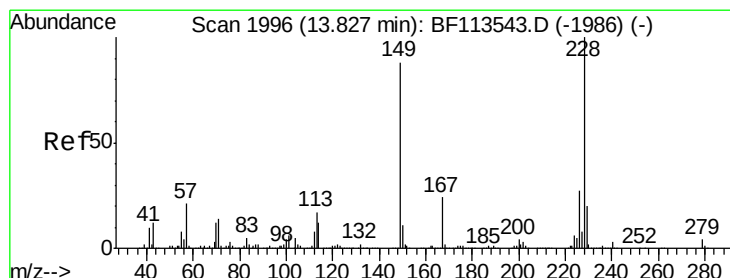
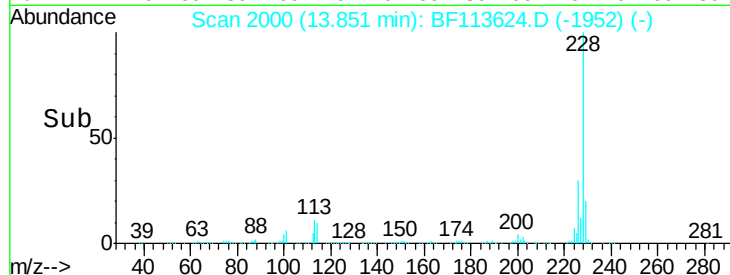
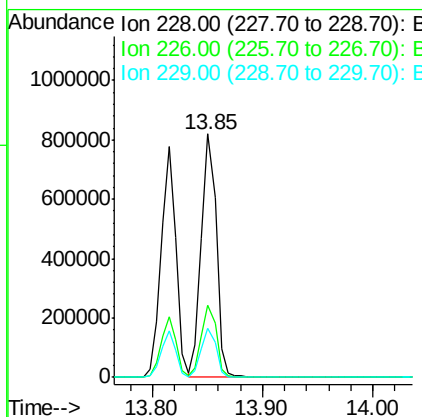
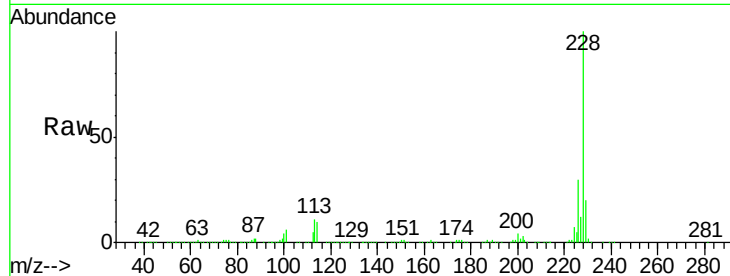
#83
Chrysene
Concen: 39.675 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	20.0	16.3	24.5

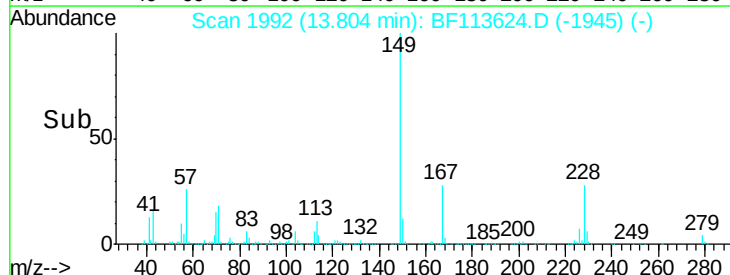
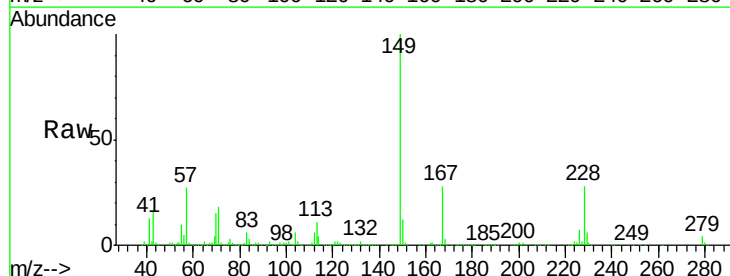
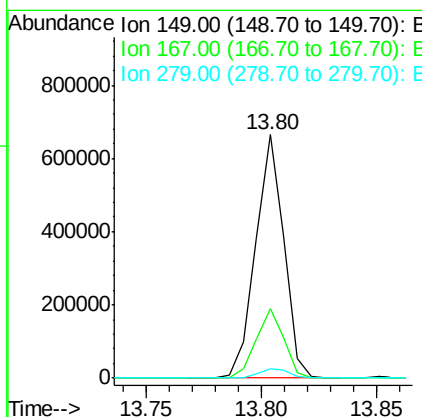
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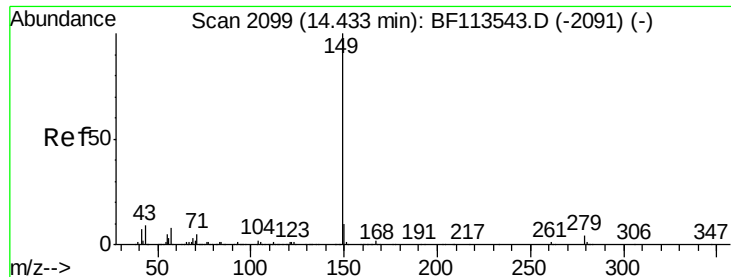
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.710 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.8	32.8
279	4.1	2.9	4.3





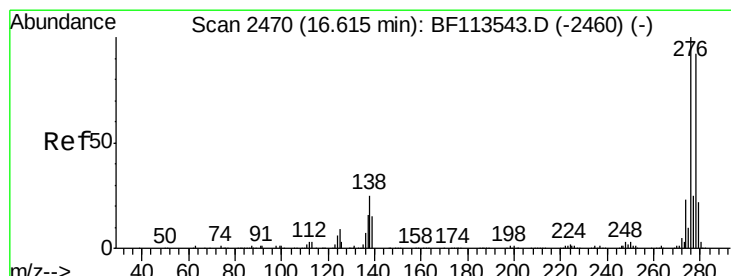
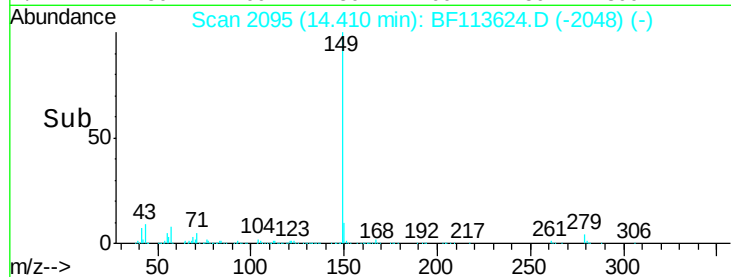
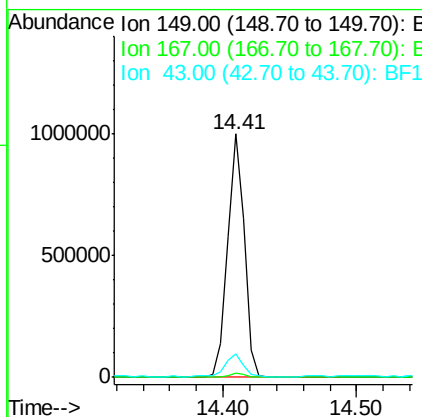
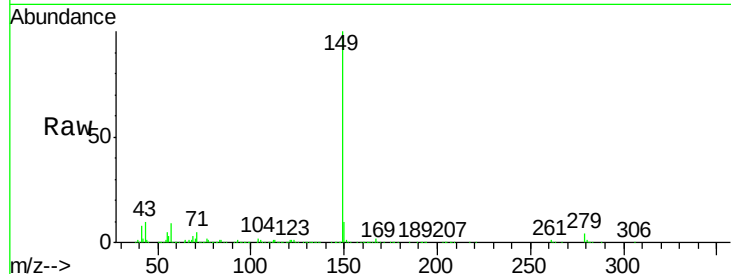
#85
Di-n-octyl phthalate
Concen: 44.958 ng
RT: 14.41 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	887255		
167	1.7		1.3	1.9
43	9.3		7.7	11.5

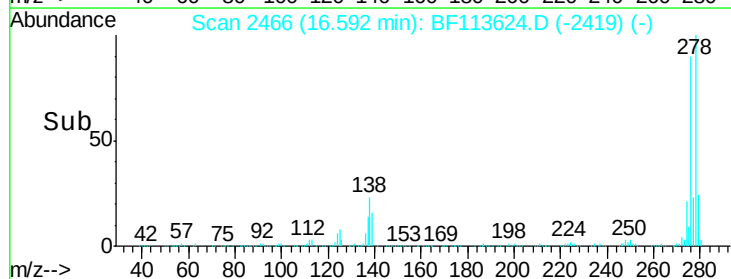
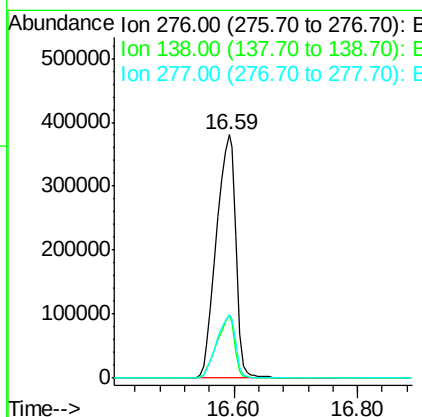
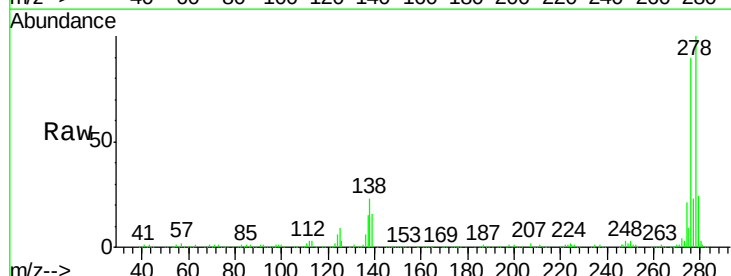
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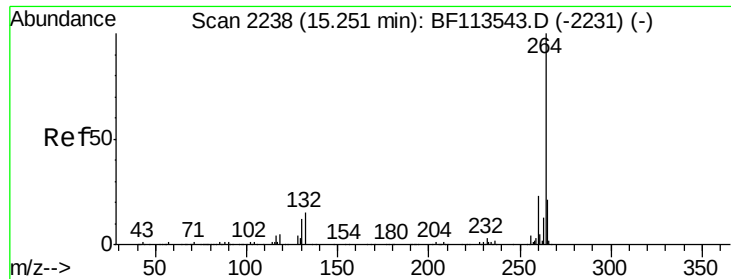
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.848 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	837545		
138	23.7		18.1	27.1
277	25.3		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: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA_F

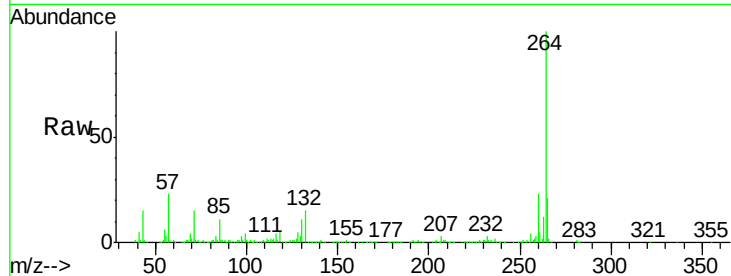
ClientSampleId :

HR-06-040319-AMS

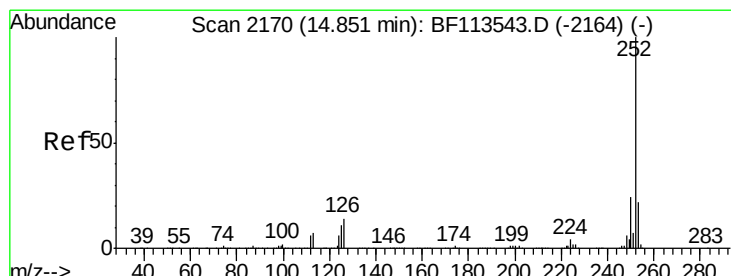
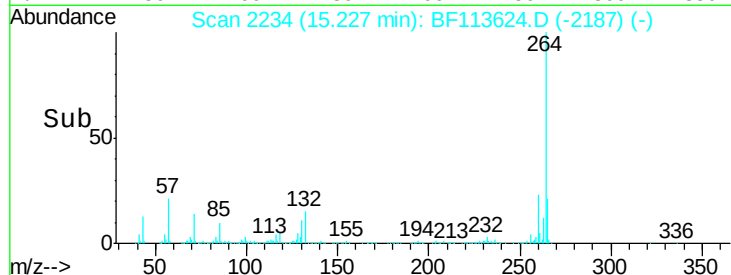
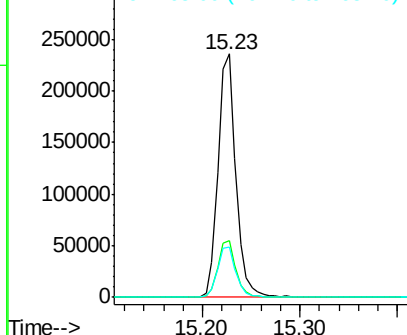
Tgt Ion:	264	Resp:	299807
Ion Ratio		Lower	Upper
264	100		
260	23.1	19.1	28.7
265	20.6	17.1	25.7

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.386 ng

RT: 14.83 min Scan# 2167

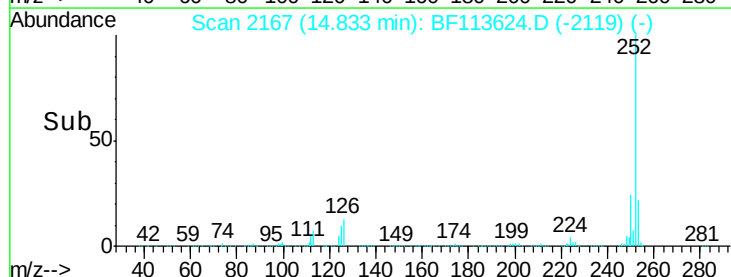
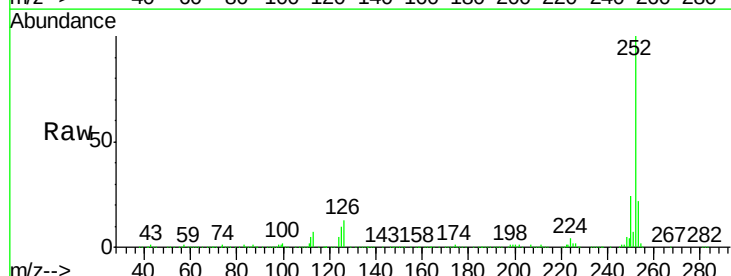
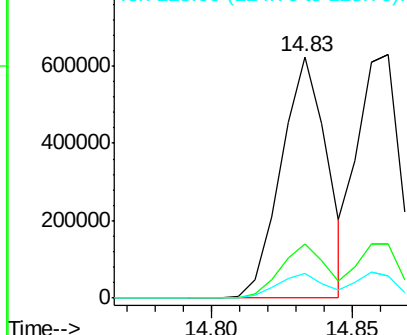
Delta R.T. -0.02 min

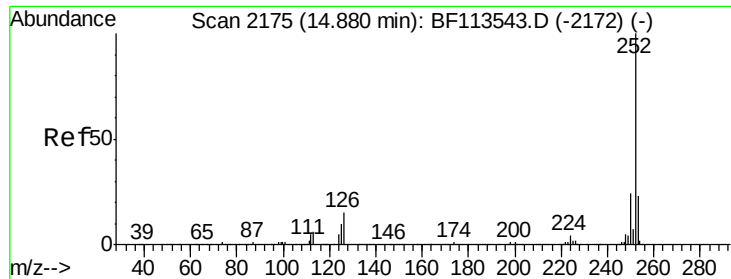
Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:	252	Resp:	704448
Ion Ratio		Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.0	7.6	11.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





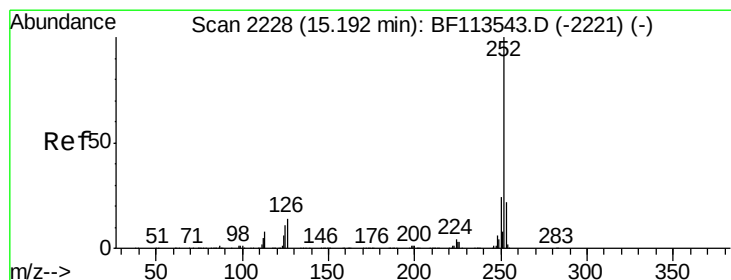
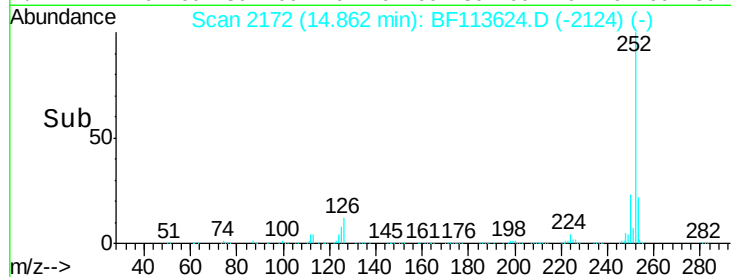
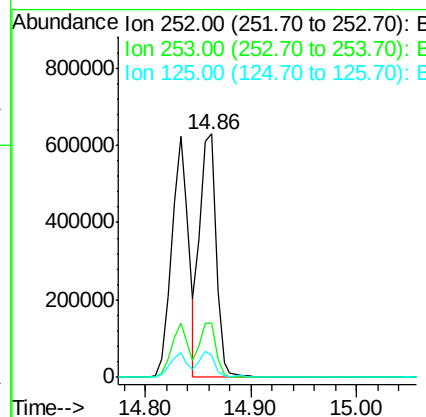
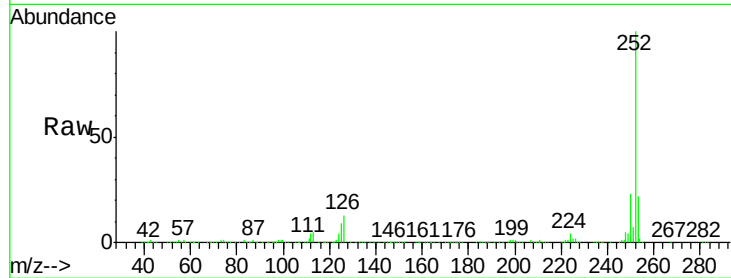
#89
Benzo(k)fluoranthene
Concen: 40.561 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	8.9	7.3	10.9

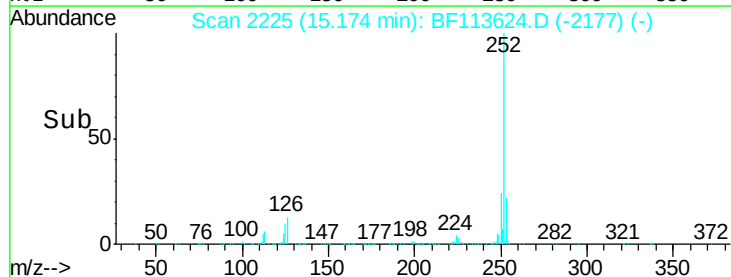
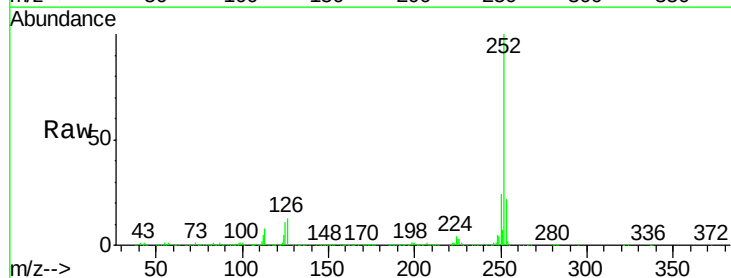
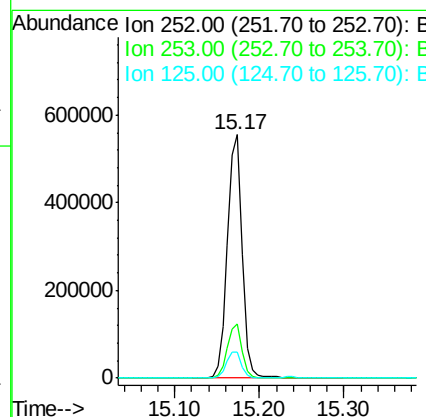
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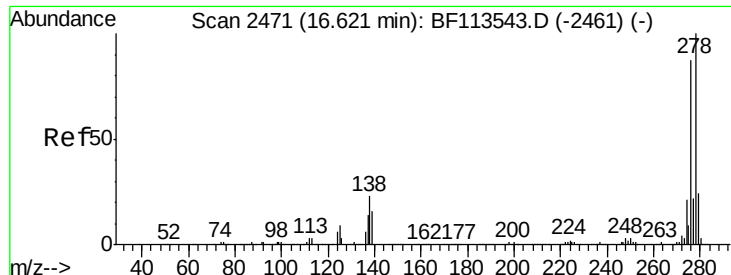
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#90
Benzo(a)pyrene
Concen: 41.397 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.6	8.8	13.2





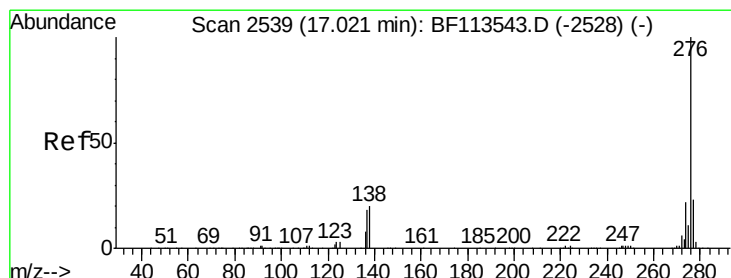
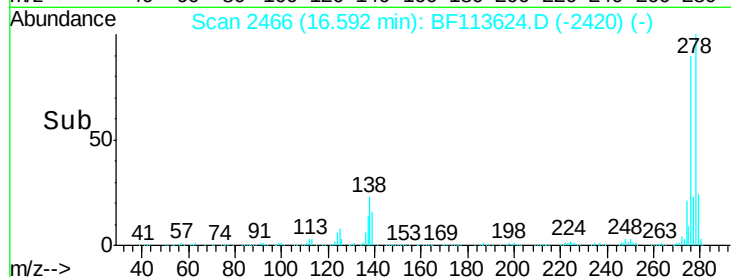
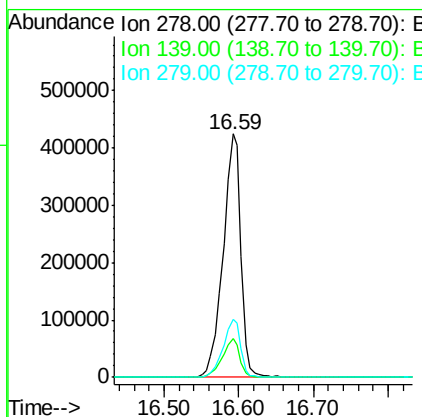
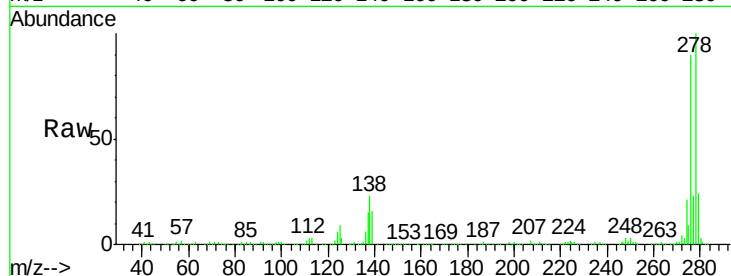
#91
Dibenzo(a,h)anthracene
Concen: 46.382 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.03 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.0	18.0
279	23.6	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 46.921 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.03 min
Lab File: BF113624.D
Acq: 5 Apr 2019 19:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	20.0	15.6	23.4

