

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116283.D
 Acq On : 15 Aug 2019 17:33
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:09:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162033	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	666473	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	357289	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	622068	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	428806	20.00	ng	-0.02
87) Perylene-d12	15.44	264	434127	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	841090	86.90	ng	-0.03
7) Phenol-d6	6.46	99	1024126	83.86	ng	-0.02
23) Nitrobenzene-d5	7.39	82	928226	80.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	282446	81.54	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1488027	78.01	ng	-0.03
79) Terphenyl-d14	12.92	244	1690352	83.06	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	197138	40.317	ng	99
3) Pyridine	3.28	79	520178	38.083	ng	100
4) n-Nitrosodimethylamine	3.25	42	172677	32.034	ng	100
6) Aniline	6.49	93	698736	39.953	ng	92
8) 2-Chlorophenol	6.61	128	465846	43.525	ng	98
9) Benzaldehyde	6.37	77	319643	37.935	ng	99
10) Phenol	6.48	94	593581	41.276	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	457493	43.271	ng	98
12) 1,3-Dichlorobenzene	6.76	146	515019	41.636	ng	98
13) 1,4-Dichlorobenzene	6.84	146	520182	42.001	ng	98
14) 1,2-Dichlorobenzene	6.99	146	473323	41.505	ng	99
15) Benzyl Alcohol	6.97	79	359731	38.816	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	597934	41.462	ng	88
17) 2-Methylphenol	7.08	107	383512	42.317	ng	99
18) Hexachloroethane	7.33	117	191789	42.060	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	306251	40.470	ng	98
20) 3+4-Methylphenols	7.24	107	444924	41.486	ng	95
22) Acetophenone	7.23	105	582090	39.824	ng	99
24) Nitrobenzene	7.41	77	519832	41.697	ng	96
25) Isophorone	7.65	82	949941	43.027	ng	99
26) 2-Nitrophenol	7.72	139	258631	44.009	ng	98
27) 2,4-Dimethylphenol	7.76	122	361640	40.903	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	580573	42.427	ng	100
29) 2,4-Dichlorophenol	7.97	162	404546	43.335	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	440956	41.438	ng	99
31) Naphthalene	8.12	128	1311003	41.801	ng	99
32) Benzoic acid	7.92	122	219105	35.150	ng	97
33) 4-Chloroaniline	8.17	127	564905	40.313	ng	99
34) Hexachlorobutadiene	8.24	225	254113	41.458	ng	99
35) Caprolactam	8.56	113	93392	30.932	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	420006	43.247	ng	98
37) 2-Methylnaphthalene	8.82	142	840932	40.713	ng	99
38) 1-Methylnaphthalene	8.91	142	812936	41.603	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	396885	41.551	ng	100

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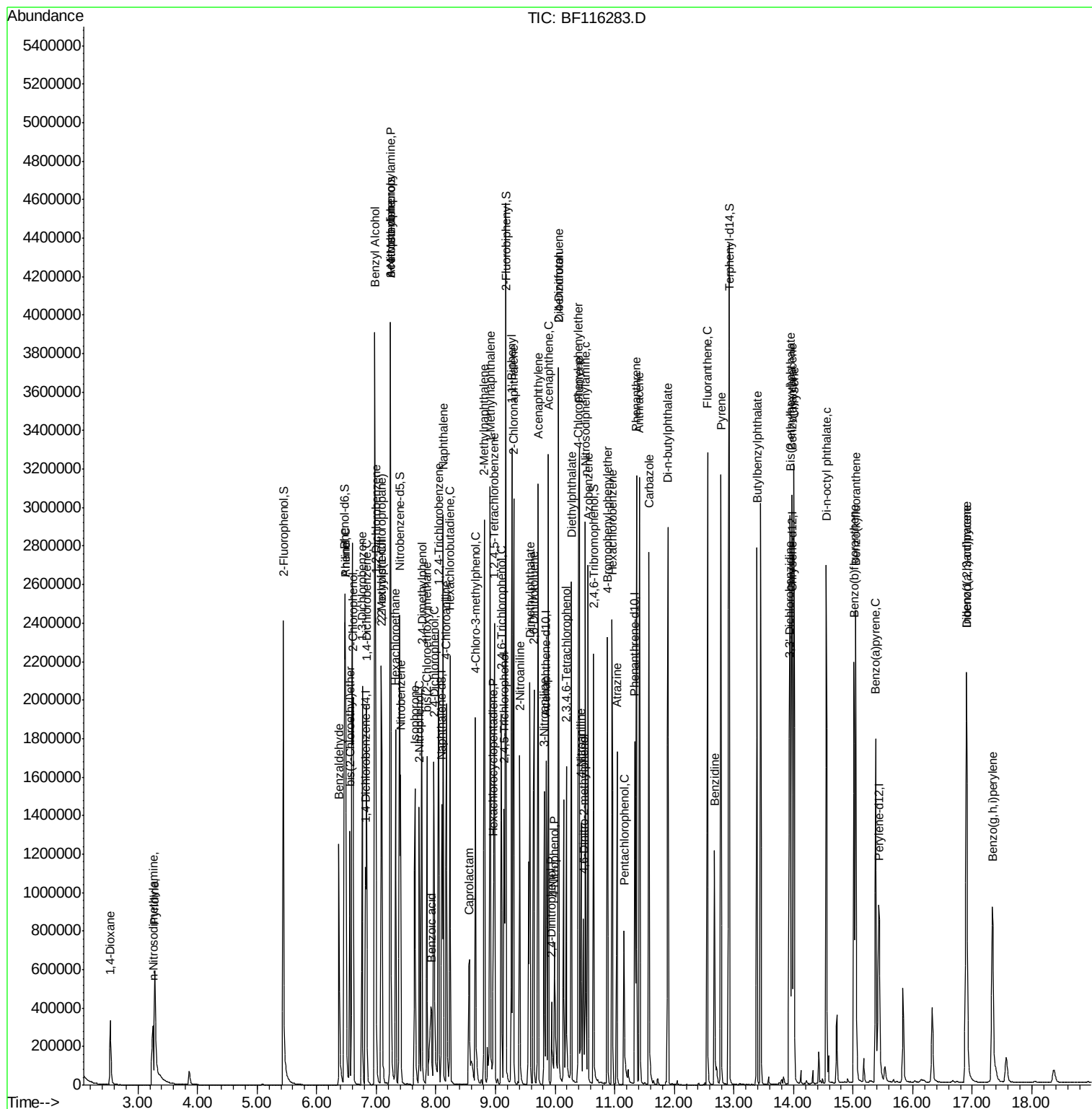
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	130617	34.128	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	255986	38.935	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	268587	39.520	ng	96
46) 1,1'-Biphenyl	9.27	154	1032243	40.922	ng	99
47) 2-Chloronaphthalene	9.30	162	847737	40.380	ng	99
48) 2-Nitroaniline	9.40	65	283361	40.834	ng	95
49) Acenaphthylene	9.72	152	1230661	40.180	ng	99
50) Dimethylphthalate	9.57	163	1018267	41.857	ng	100
51) 2,6-Dinitrotoluene	9.65	165	223297	42.237	ng	89
52) Acenaphthene	9.89	154	756041	40.236	ng	99
53) 3-Nitroaniline	9.82	138	266179	40.747	ng	96
54) 2,4-Dinitrophenol	9.94	184	83564	35.855	ng	97
55) Dibenzofuran	10.06	168	1038763	38.014	ng	100
56) 4-Nitrophenol	9.99	139	150140	35.878	ng	93
57) 2,4-Dinitrotoluene	10.06	165	262548	37.300	ng	92
58) Fluorene	10.40	166	874008	41.572	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	219038	38.309	ng	99
60) Diethylphthalate	10.27	149	944481	41.584	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	440440	41.365	ng	99
62) 4-Nitroaniline	10.44	138	258073	38.228	ng	99
63) Azobenzene	10.55	77	969757	41.511	ng	100
65) 4,6-Dinitro-2-methylphenol	10.47	198	140683	42.676	ng	99
66) n-Nitrosodiphenylamine	10.52	169	785160	41.934	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	278635	41.842	ng	99
68) Hexachlorobenzene	10.96	284	314418	40.832	ng	99
69) Atrazine	11.04	200	210962	34.249	ng	99
70) Pentachlorophenol	11.16	266	142237	38.047	ng	98
71) Phenanthrene	11.37	178	1287609	40.489	ng	100
72) Anthracene	11.42	178	1319599	41.001	ng	99
73) Carbazole	11.57	167	1243766	42.596	ng	100
74) Di-n-butylphthalate	11.89	149	1450125	42.573	ng	99
75) Fluoranthene	12.56	202	1364250	40.977	ng	99
77) Benzidine	12.67	184	554268	38.260	ng	99
78) Pyrene	12.79	202	1359636	42.063	ng	99
80) Butylbenzylphthalate	13.39	149	612976	44.830	ng	95
81) Benzo(a)anthracene	13.97	228	1178839	43.011	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	411328	43.198	ng	98
83) Chrysene	14.01	228	1130306	42.479	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	819784	46.138	ng	98
85) Di-n-octyl phthalate	14.55	149	1263095	44.755	ng	100
86) Indeno(1,2,3-cd)pyrene	16.91	276	1037468	46.422	ng	100
88) Benzo(b)fluoranthene	15.02	252	982723	39.150	ng	99
89) Benzo(k)fluoranthene	15.04	252	1026662	41.991	ng	99
90) Benzo(a)pyrene	15.38	252	927808	41.348	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	854928	44.015	ng	99
92) Benzo(g,h,i)perylene	17.34	276	859095	45.036	ng	99

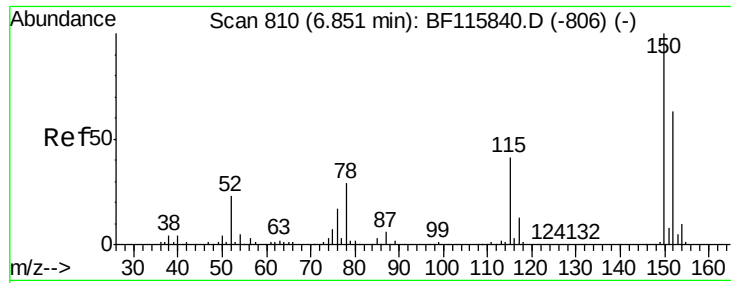
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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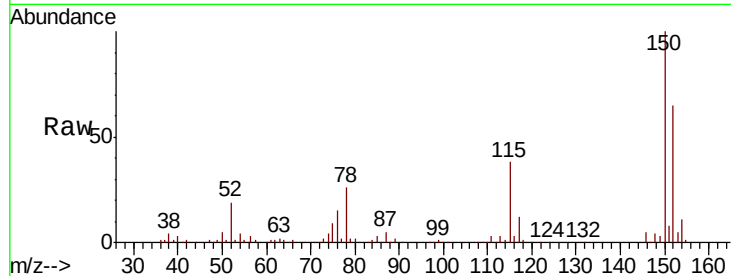


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	57.8	49.9	74.9

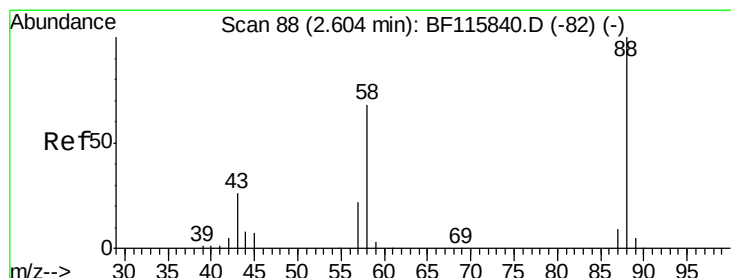
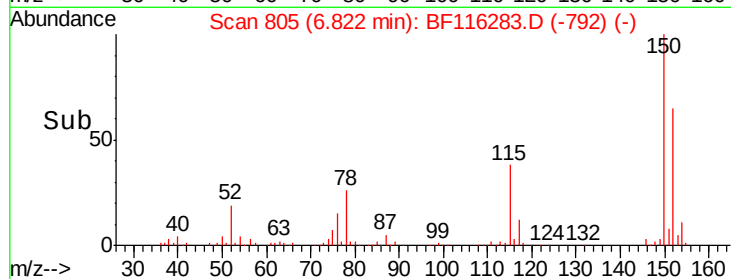
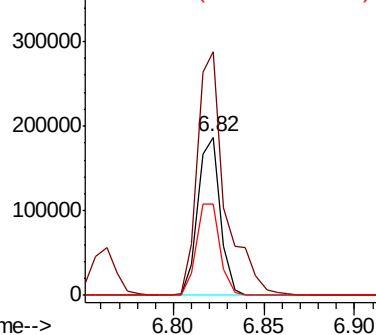


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

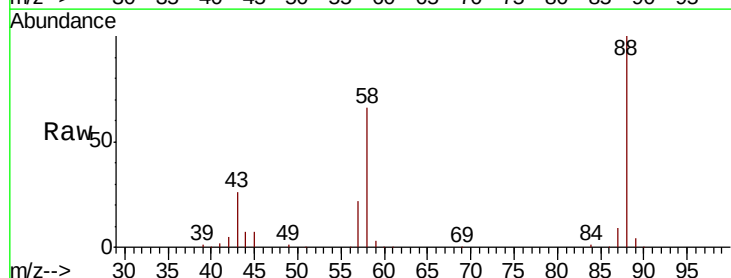
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.317 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.07 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	53.7	80.5
43	25.7	21.0	31.4

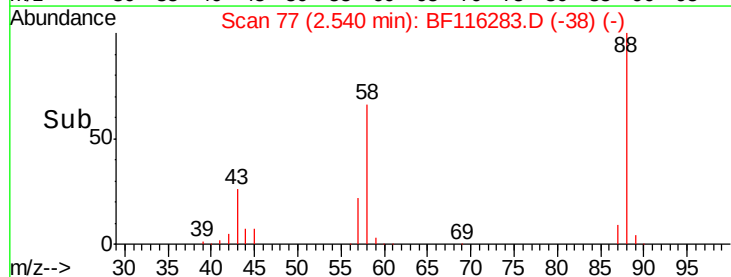
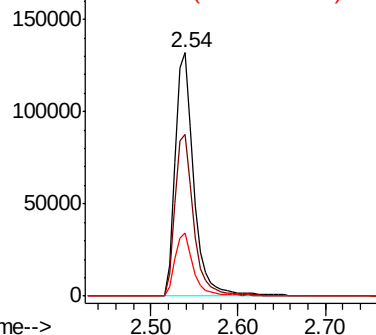


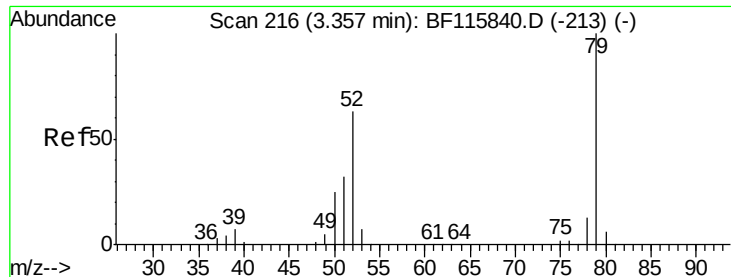
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.083 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.08 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampled :

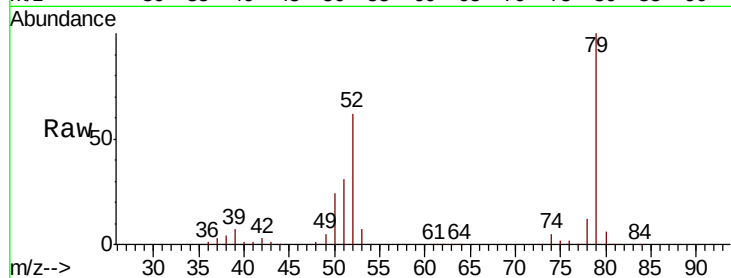
Tot Ion: 79 Resp: 520178

Ion Ratio Lower Upper

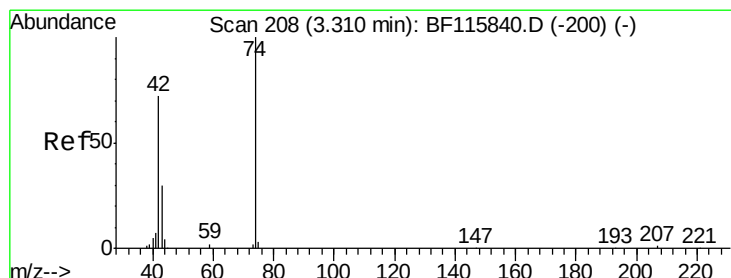
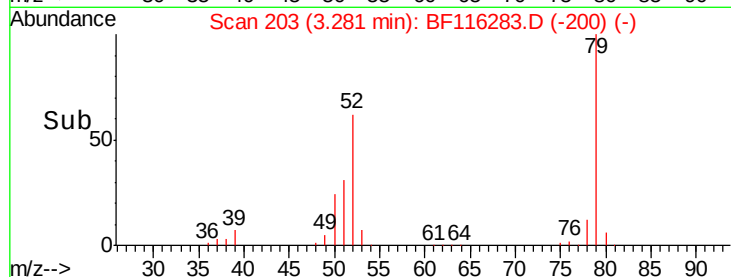
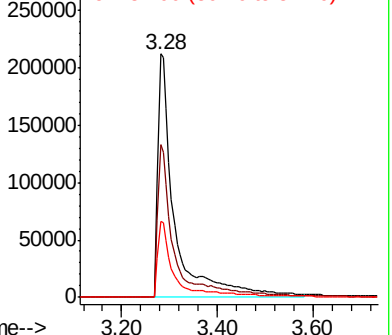
79 100

52 62.5 49.8 74.8

51 31.0 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.034 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.08 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

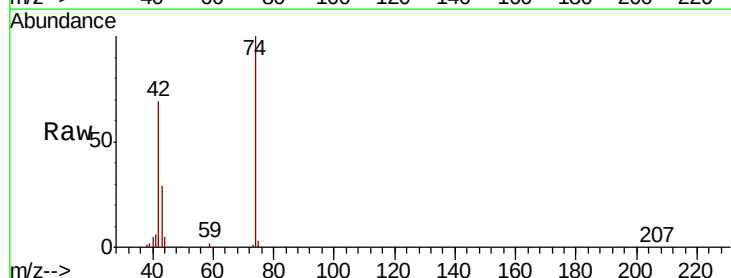
Tgt Ion: 42 Resp: 172677

Ion Ratio Lower Upper

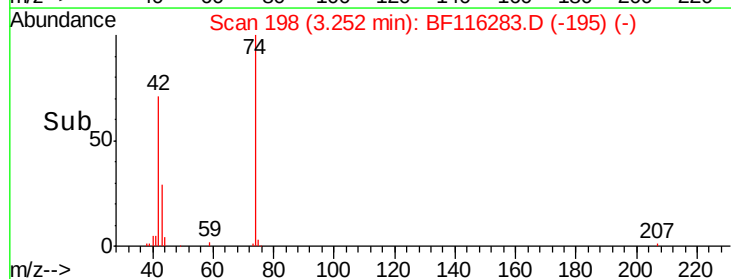
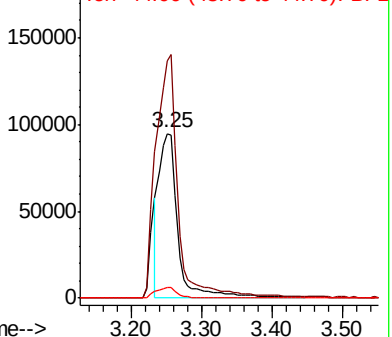
42 100

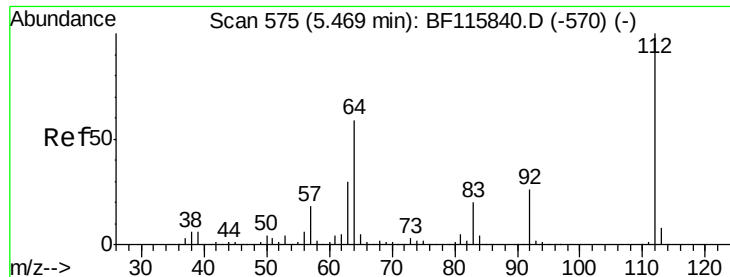
74 144.6 116.0 174.0

44 6.7 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 86.898 ng

RT: 5.44 min Scan# 570

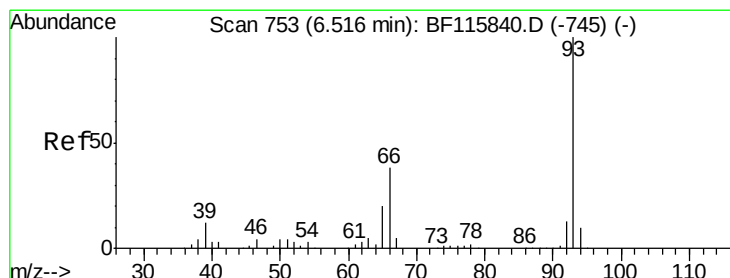
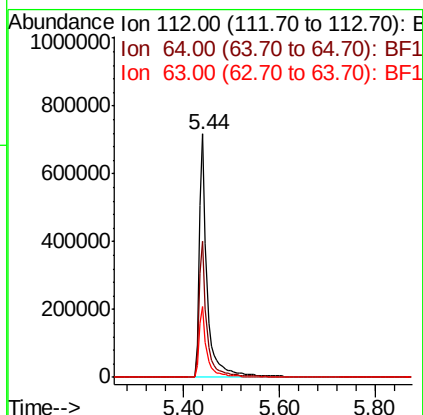
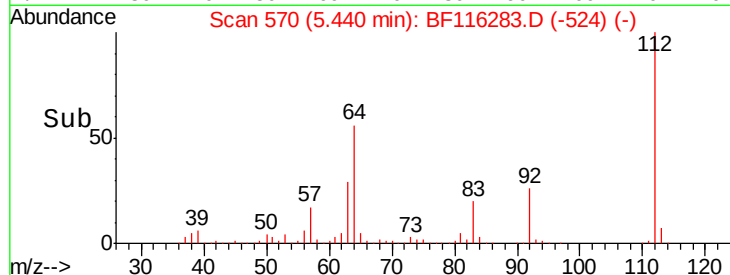
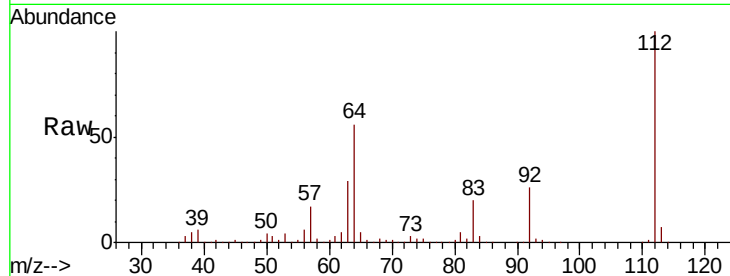
Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
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Tot Ion:	112	Resp:	841090
Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.2
63	29.0	23.7	35.5



#6

Aniline

Concen: 39.953 ng

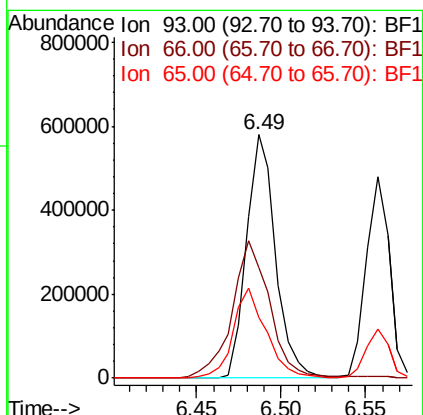
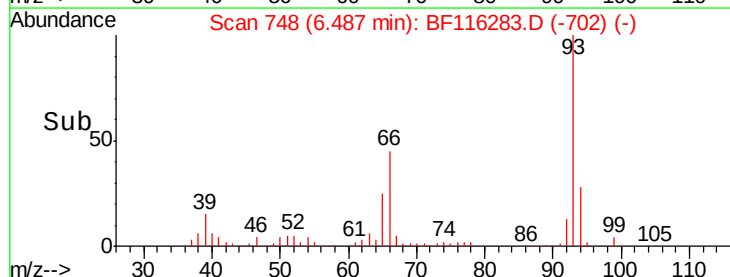
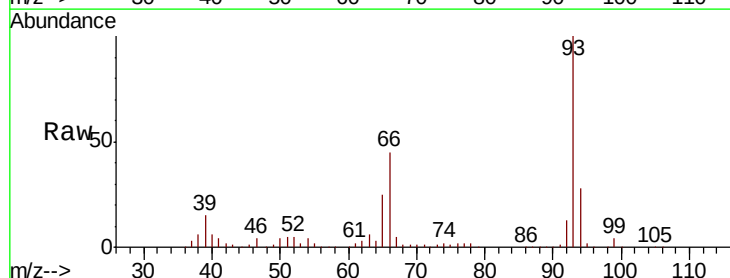
RT: 6.49 min Scan# 748

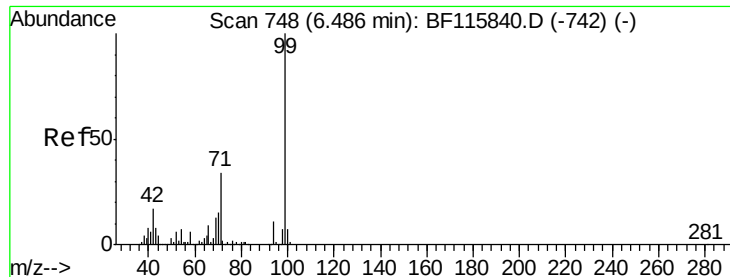
Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Tgt Ion:	93	Resp:	698736
Ion	Ratio	Lower	Upper
93	100		
66	45.2	32.2	48.4
65	25.0	17.0	25.6





#7

Phenol-d6

Concen: 83.864 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

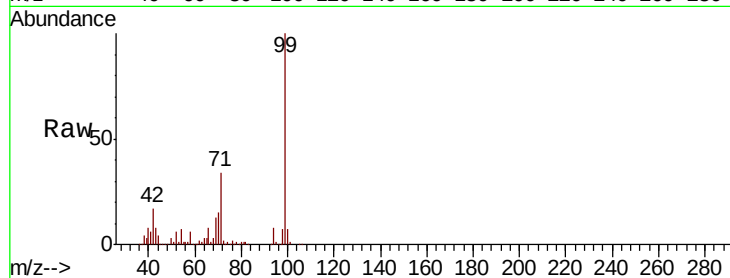
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1024126

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	33.6	27.3	40.9

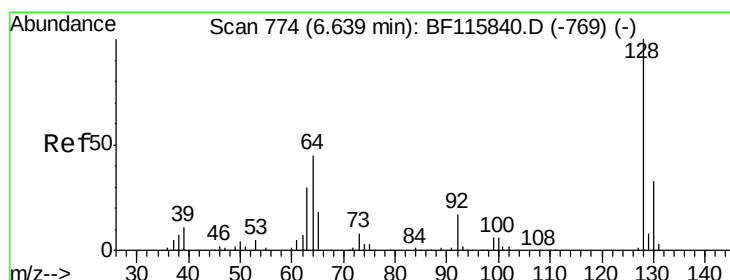
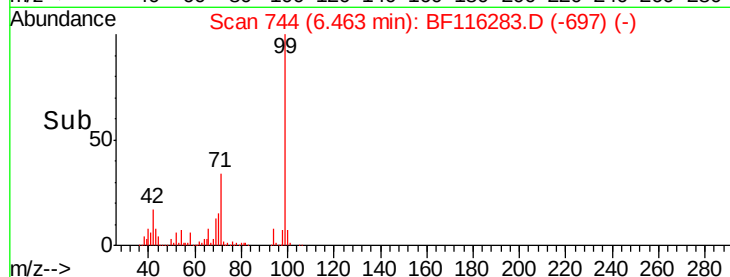
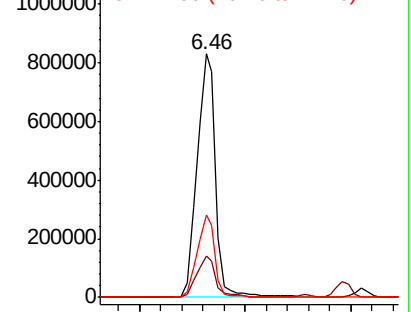


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.525 ng

RT: 6.61 min Scan# 769

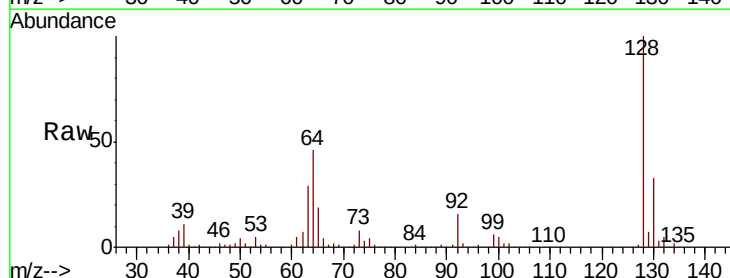
Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Tgt Ion: 128 Resp: 465846

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	46.3	24.3	64.3

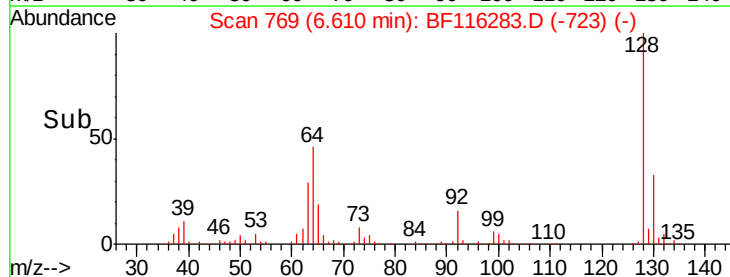
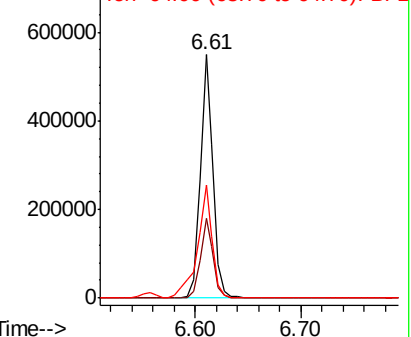


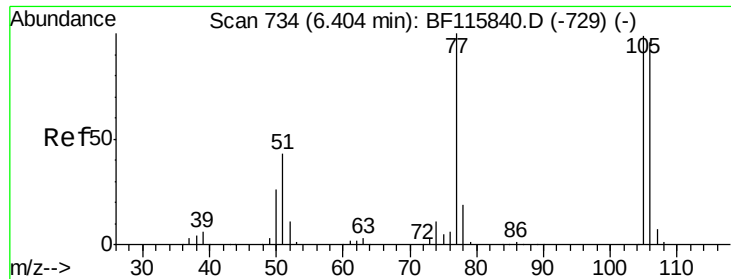
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.935 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

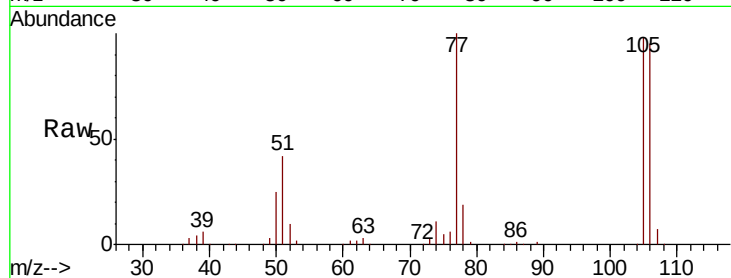
Tot Ion: 77 Resp: 319643

Ion Ratio Lower Upper

77 100

105 98.5 79.2 119.2

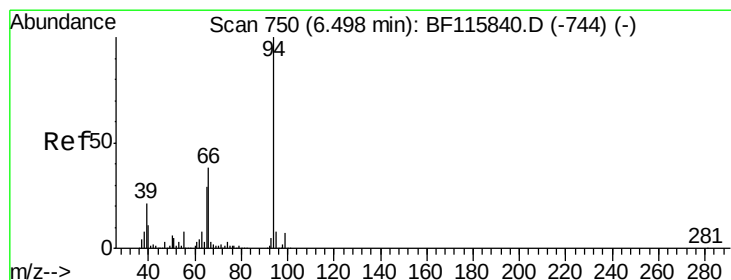
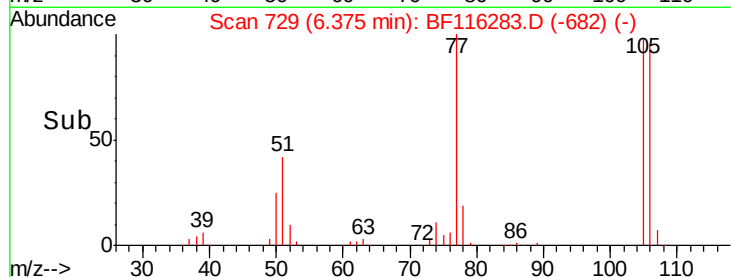
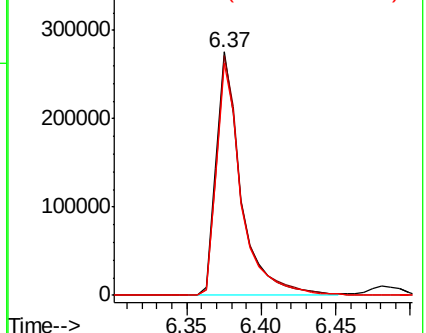
106 95.5 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.276 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

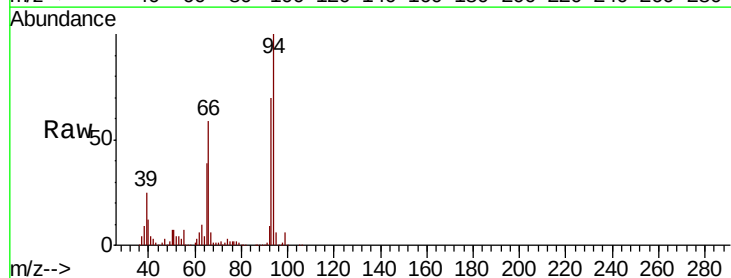
Tgt Ion: 94 Resp: 593581

Ion Ratio Lower Upper

94 100

65 38.8 16.8 56.8

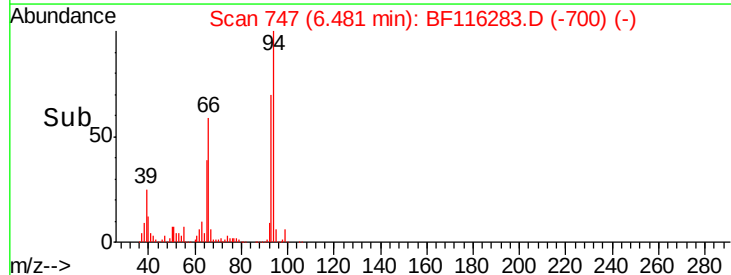
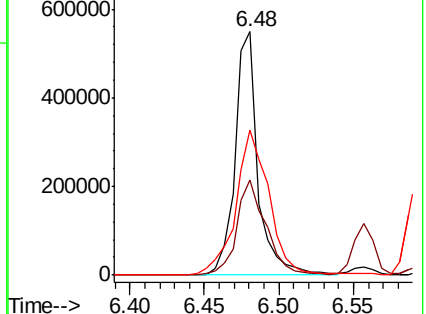
66 59.5 34.2 74.2

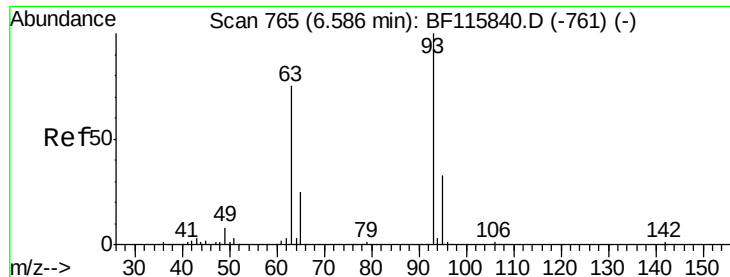


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

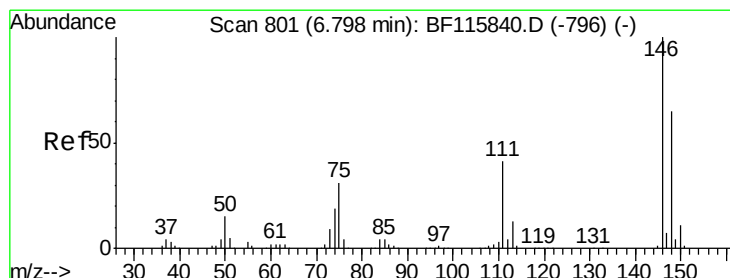
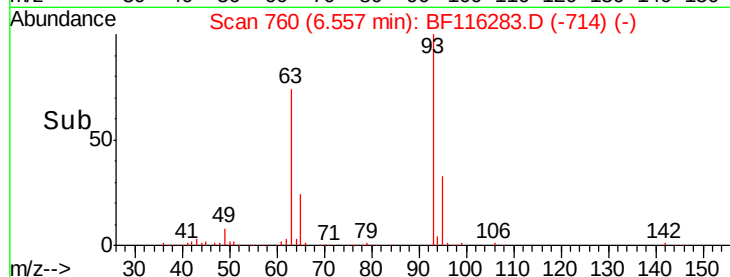
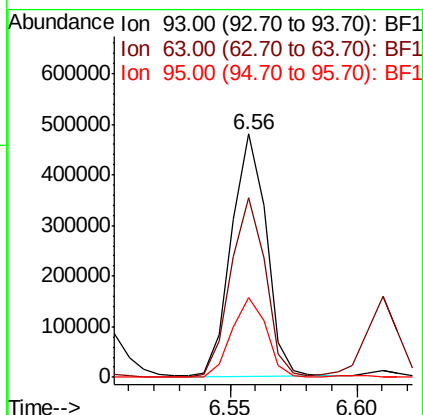
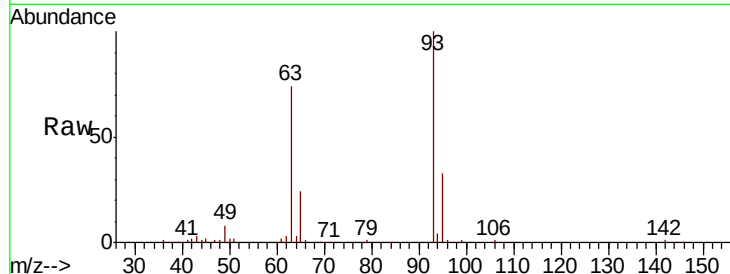




#11
 bis(2-Chloroethyl)ether
 Concen: 43.271 ng
 RT: 6.56 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

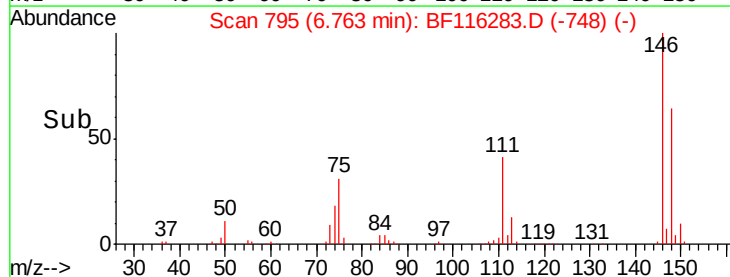
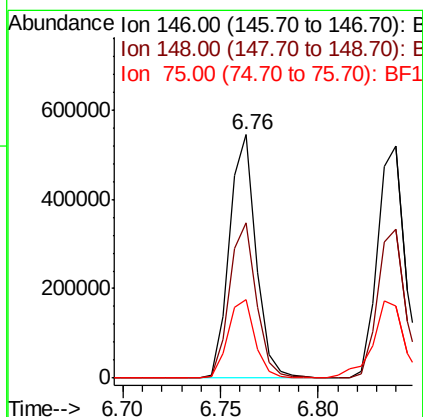
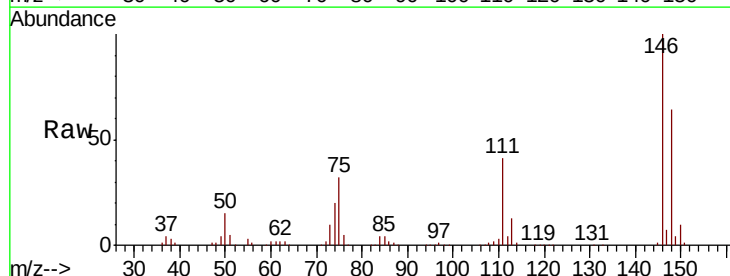
Instrument :
 BNA_F
 ClientSampleId :

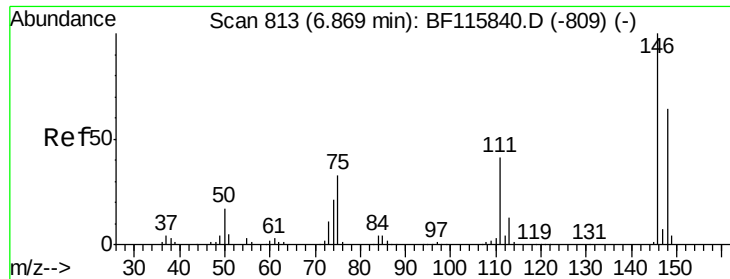
Tot Ion: 93 Resp: 457493
 Ion Ratio Lower Upper
 93 100
 63 73.7 51.9 91.9
 95 32.7 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 41.636 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion: 146 Resp: 515019
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.3 76.9
 75 32.2 27.4 41.2

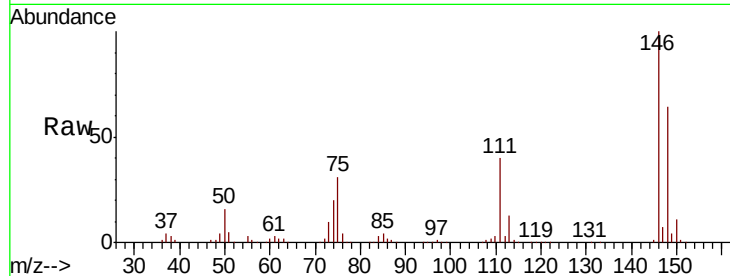




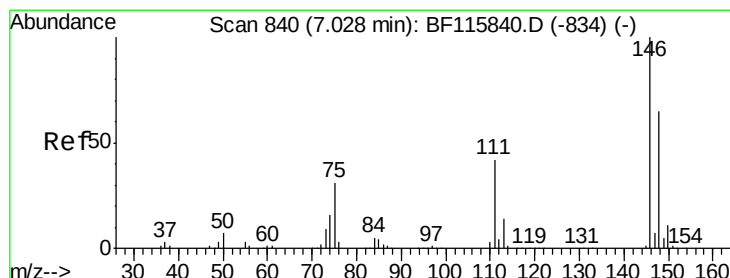
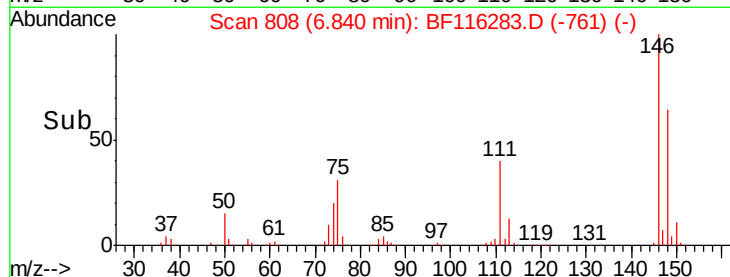
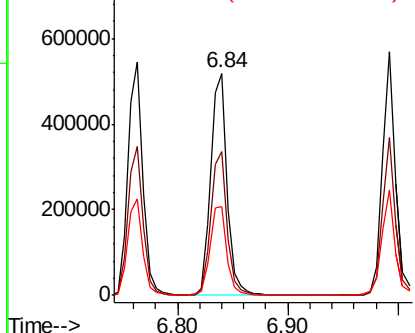
#13
 1,4-Dichlorobenzene
 Concen: 42.001 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
111	39.8	34.0	51.0

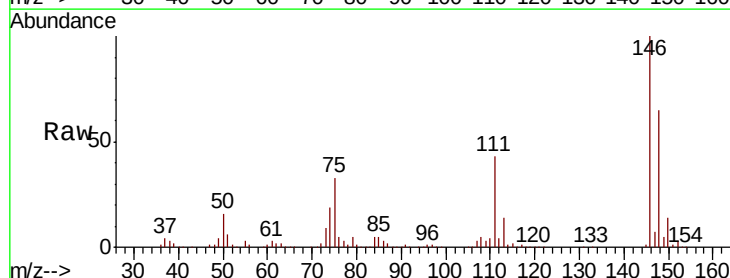


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

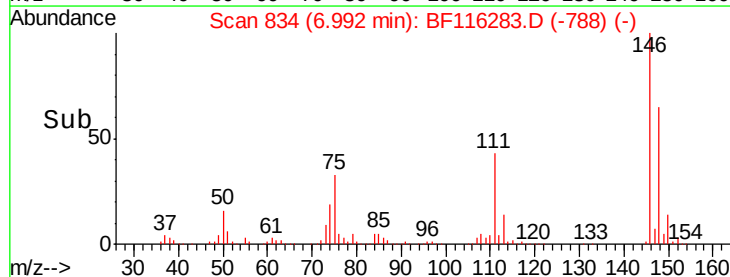
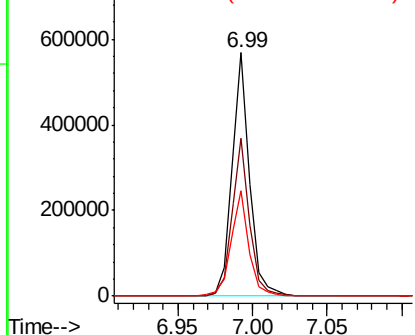


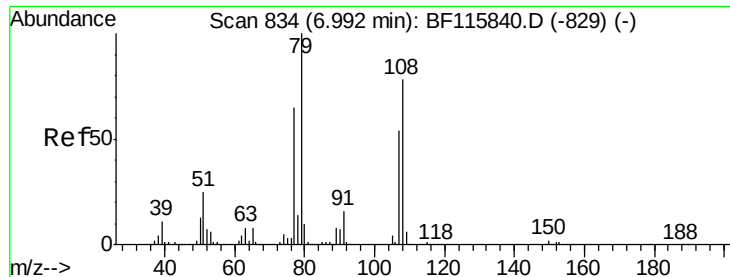
#14
 1,2-Dichlorobenzene
 Concen: 41.505 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.2	76.8
111	43.3	33.5	50.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.816 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

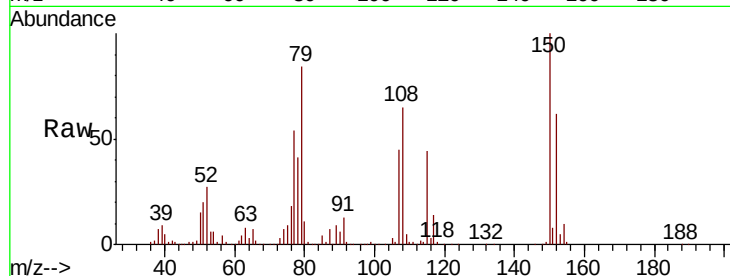
Tot Ion: 79 Resp: 359731

Ion Ratio Lower Upper

79 100

108 77.1 62.7 94.1

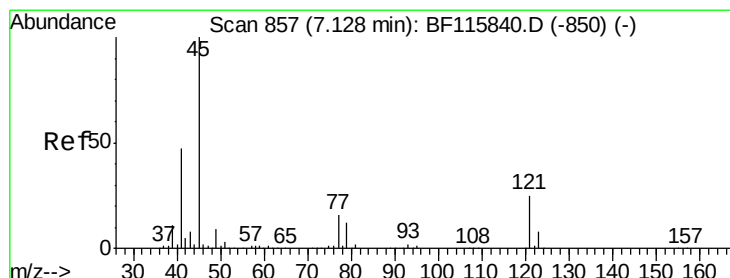
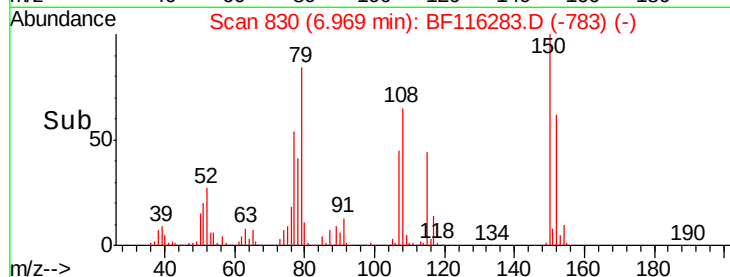
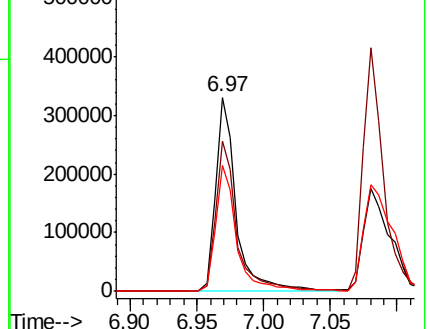
77 64.5 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.462 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

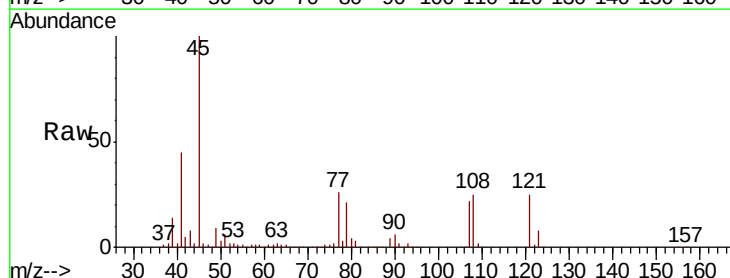
Tgt Ion: 45 Resp: 597934

Ion Ratio Lower Upper

45 100

77 25.6 0.0 40.0

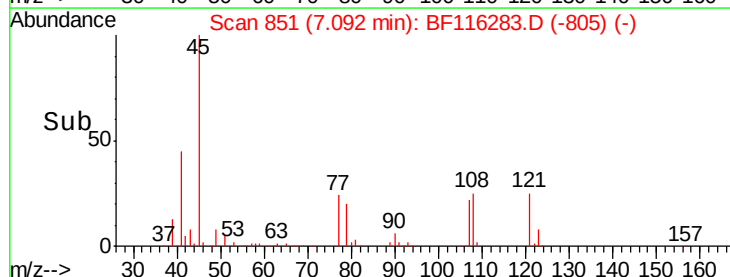
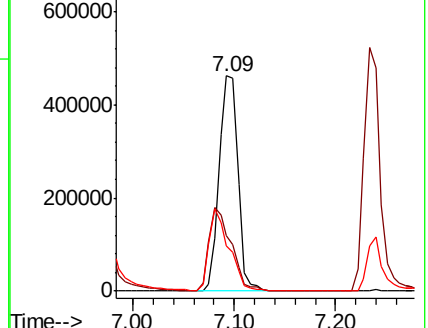
79 21.2 0.0 35.9

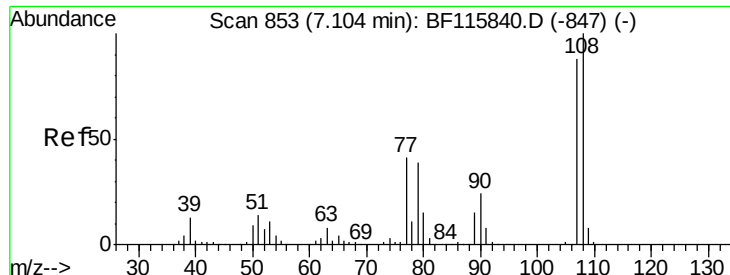


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

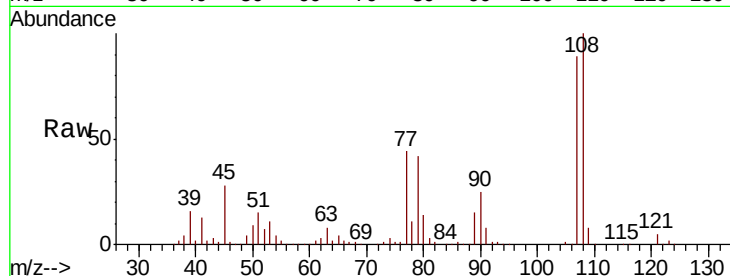




#17
2-Methylphenol
Concen: 42.317 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	383512
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.2	136.8
77	49.1	40.3	60.5
79	47.9	37.6	56.4



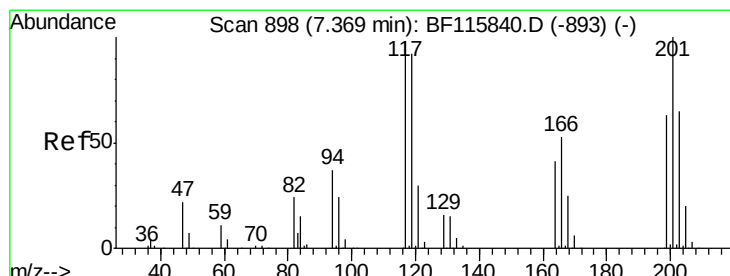
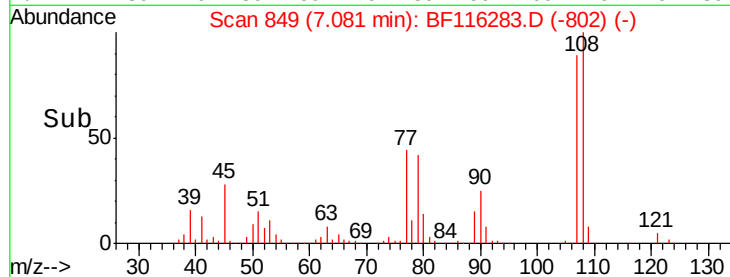
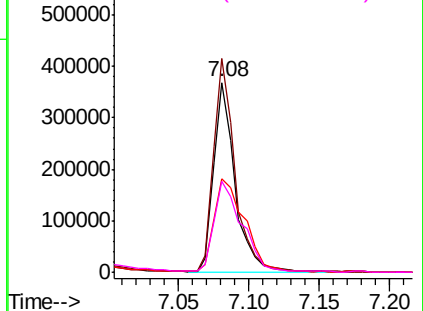
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

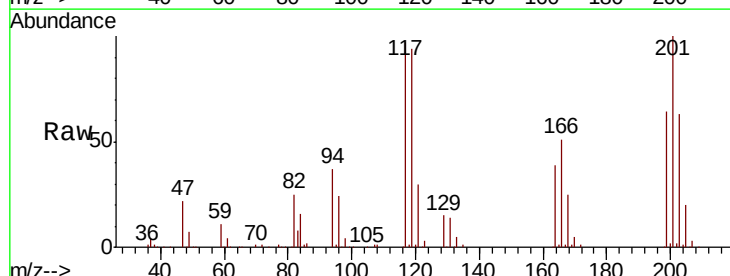
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.060 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:	117	Resp:	191789
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.1	114.1
201	102.6	77.0	115.4

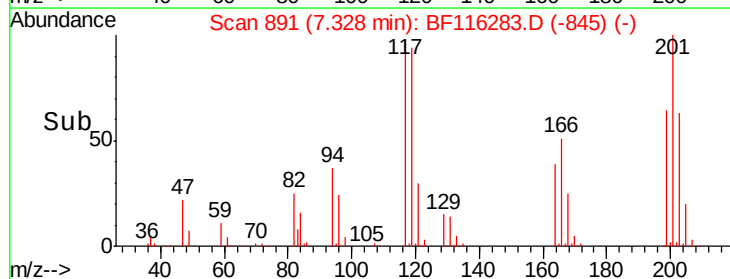
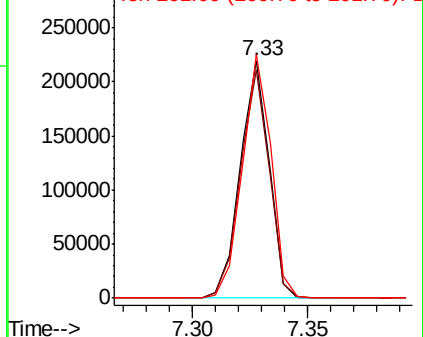


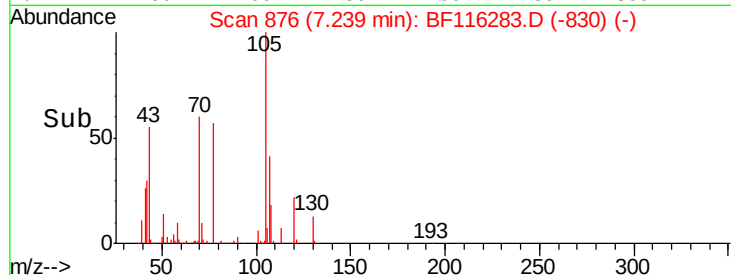
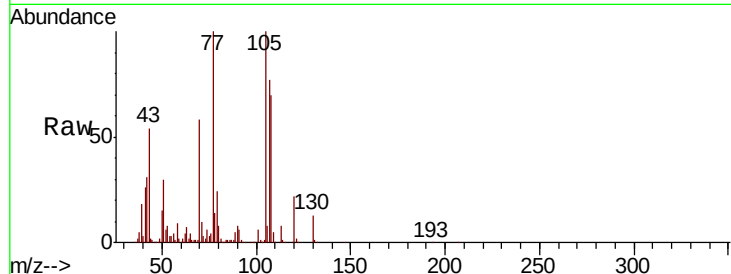
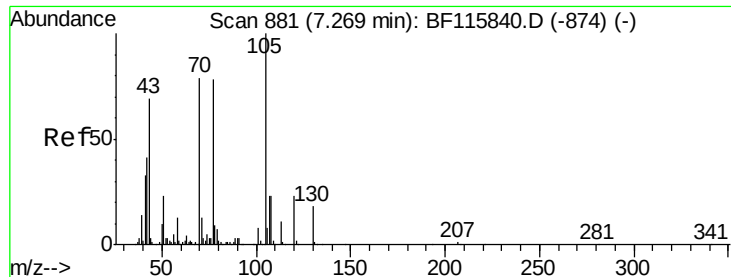
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

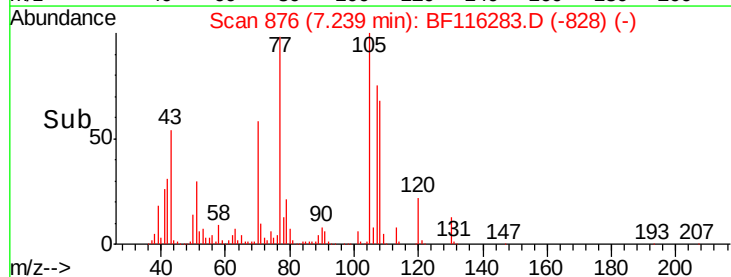
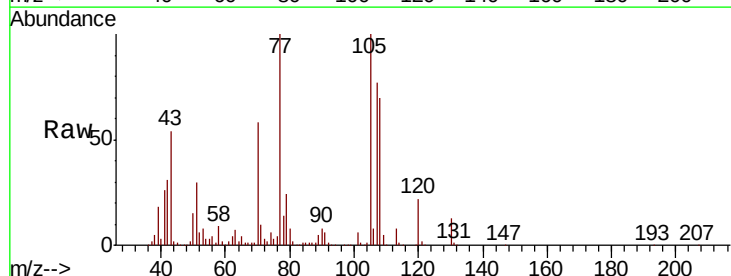
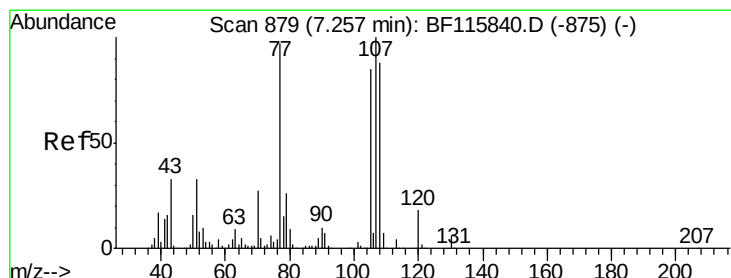
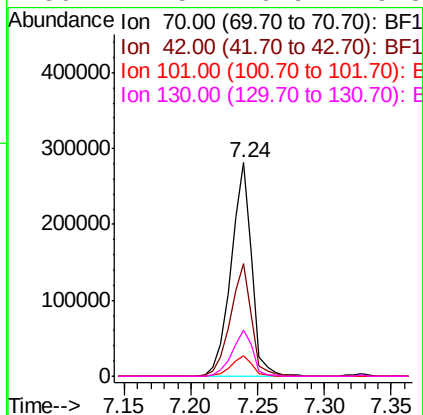




#19
n-Nitroso-di-n-propylamine
Concen: 40.470 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

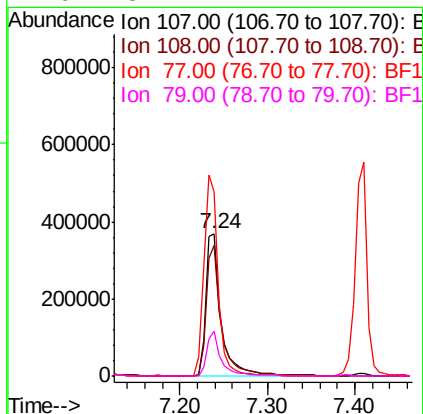
Instrument :
BNA_F
ClientSampleId :

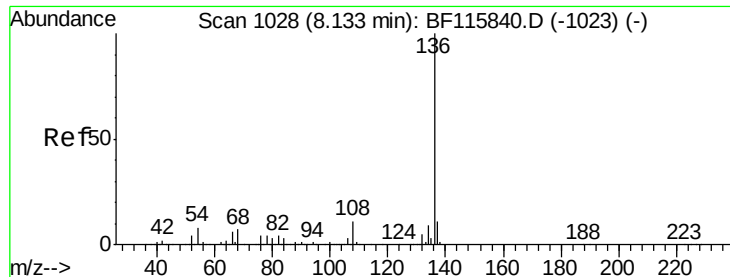
Tot Ion:	70	Resp:	306251
Ion	Ratio	Lower	Upper
70	100		
42	52.9	40.9	61.3
101	9.8	7.9	11.9
130	21.5	16.9	25.3



#20
3+4-Methylphenols
Concen: 41.486 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:	107	Resp:	444924
Ion	Ratio	Lower	Upper
107	100		
108	91.9	67.6	107.6
77	130.1	104.4	144.4
79	31.2	7.4	47.4

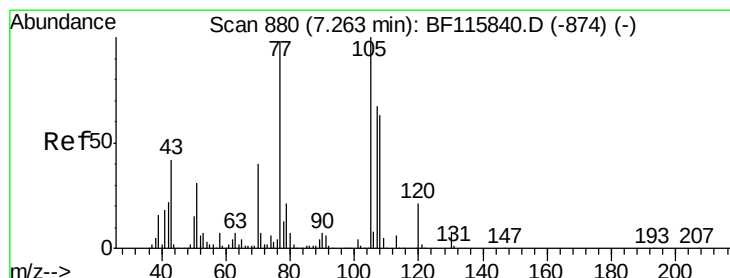
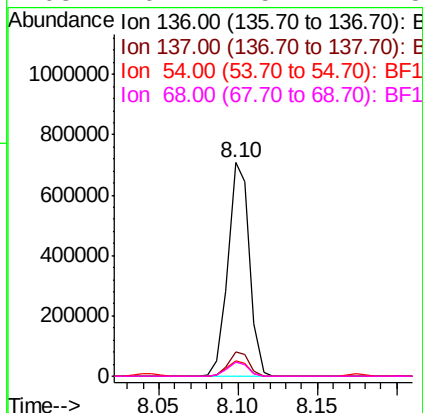
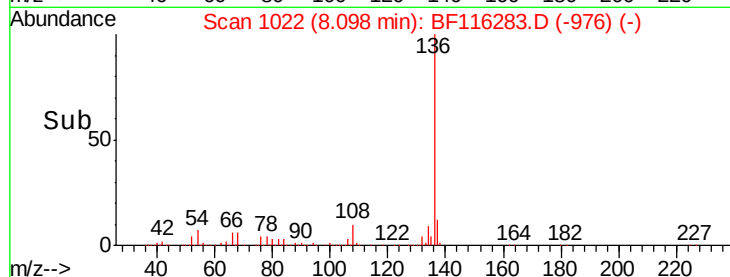
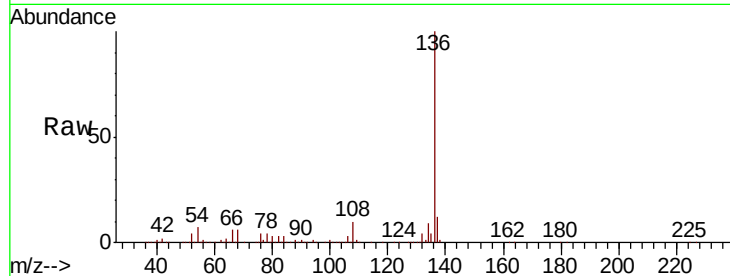




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

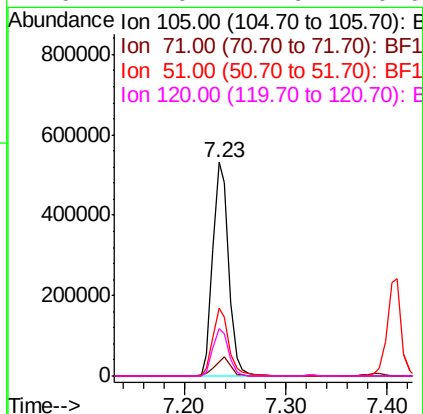
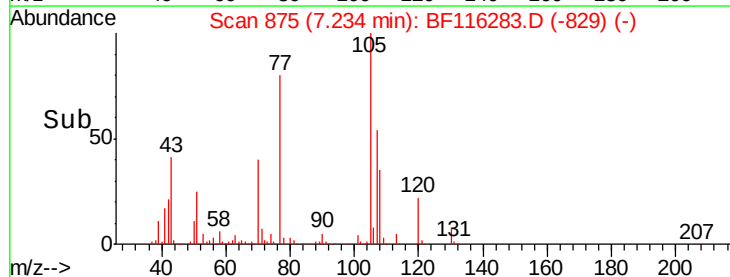
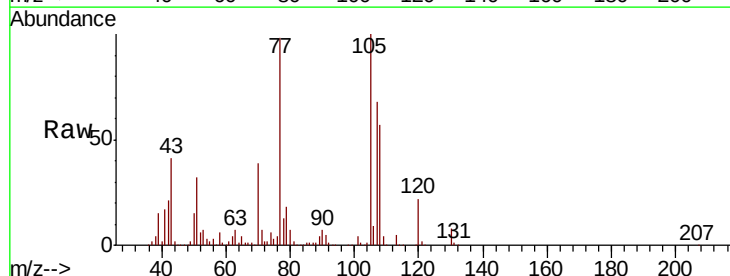
Instrument :
BNA_F
ClientSampleId :

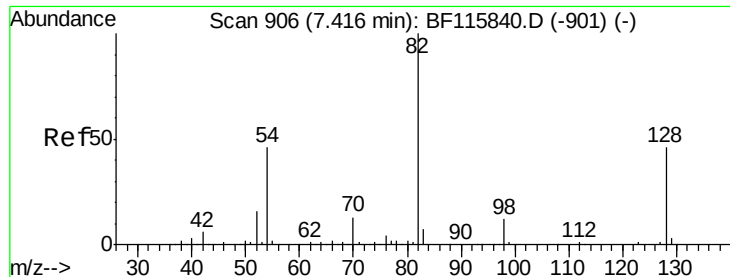
Tot Ion:136	Resp:	666473
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.0 13.4
54	7.4	5.8 8.6
68	6.4	5.2 7.8



#22
Acetophenone
Concen: 39.824 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:105	Resp:	582090
Ion	Ratio	Lower Upper
105	100	
71	6.7	5.9 8.9
51	31.8	25.3 37.9
120	22.0	17.9 26.9

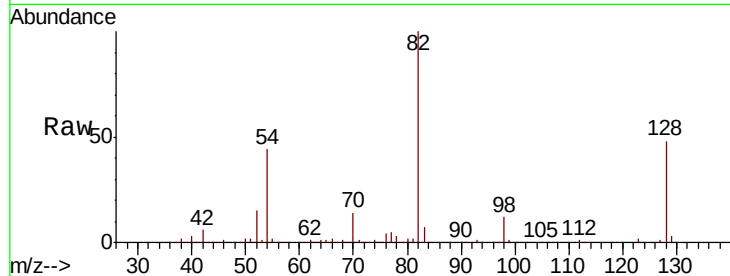




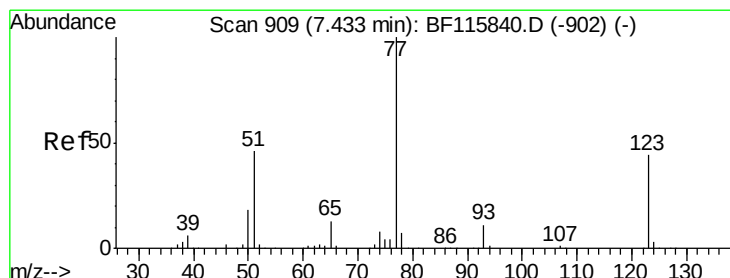
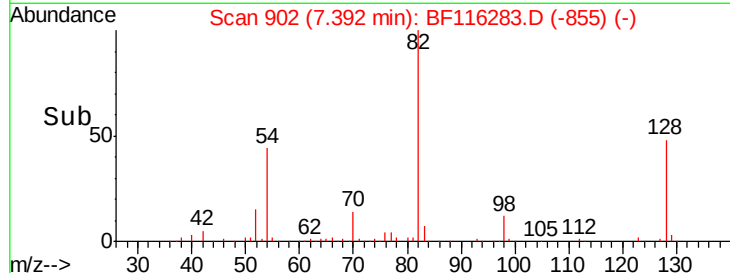
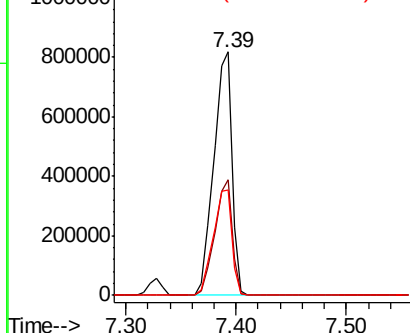
#23
 Nitrobenzene-d5
 Concen: 80.393 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 928226
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.5 54.7
 54 43.5 36.0 54.0

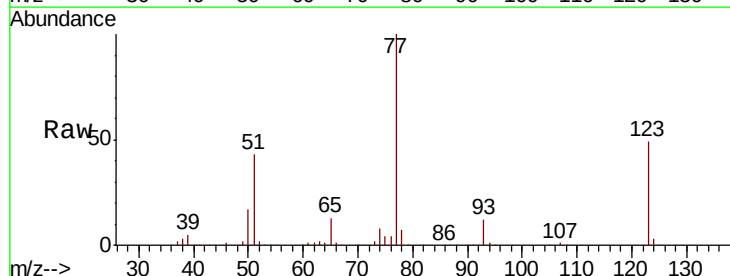


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

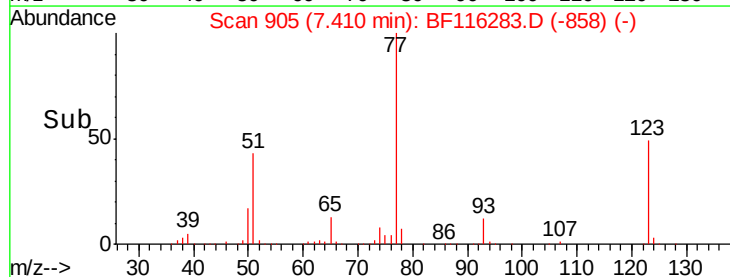
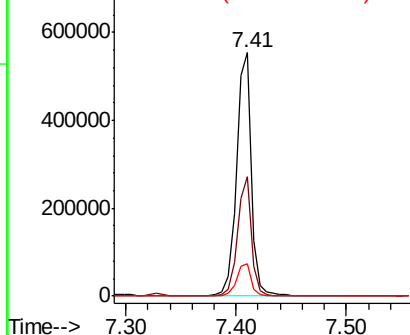


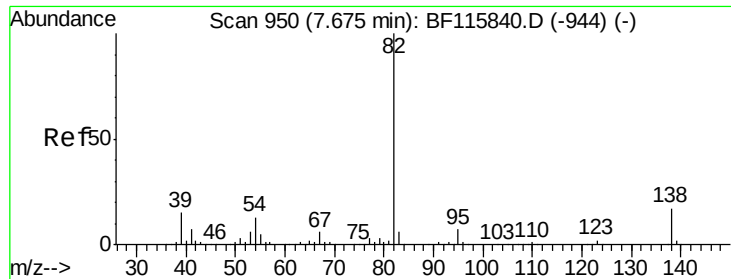
#24
 Nitrobenzene
 Concen: 41.697 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion: 77 Resp: 519832
 Ion Ratio Lower Upper
 77 100
 123 48.9 36.7 55.1
 65 13.2 10.6 16.0



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





#25

Isophorone

Concen: 43.027 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampled :

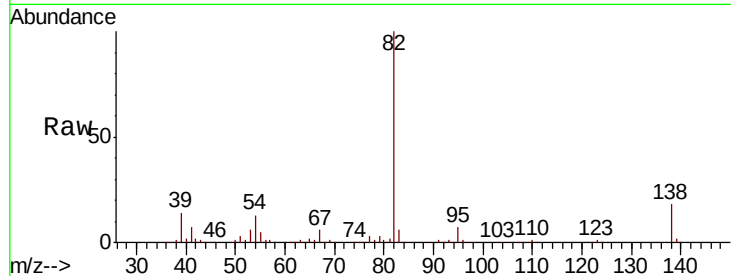
Tot Ion: 82 Resp: 949941

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

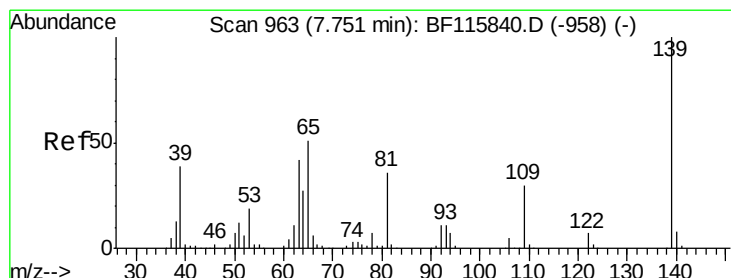
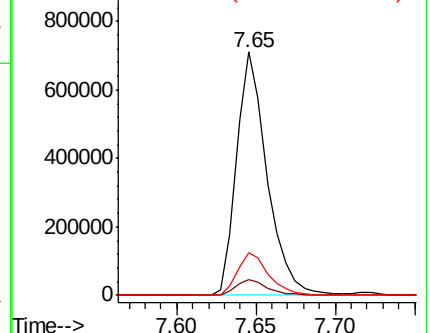
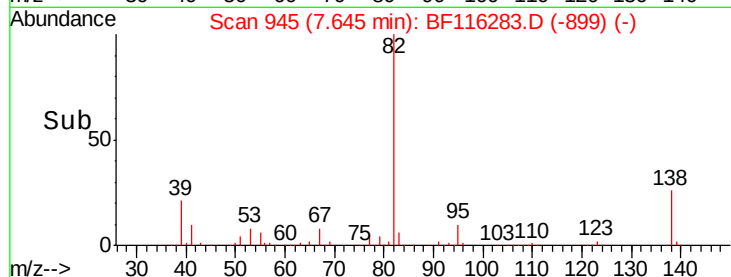
138 17.6 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.009 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

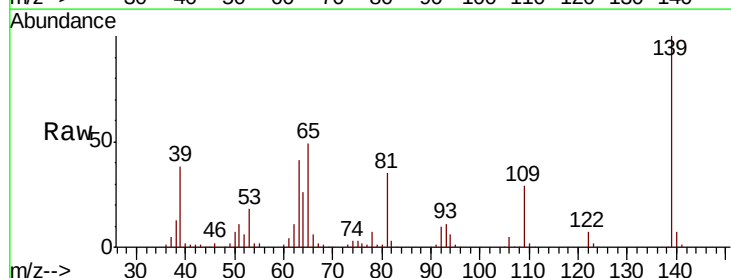
Tgt Ion: 139 Resp: 258631

Ion Ratio Lower Upper

139 100

109 28.7 23.4 35.2

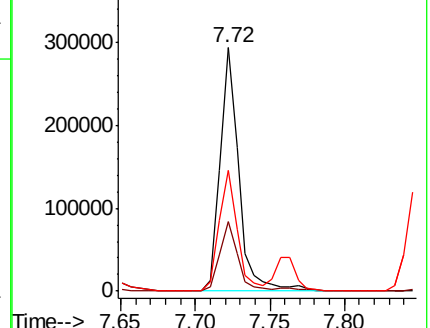
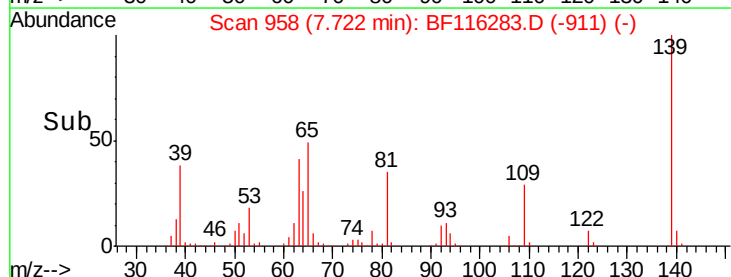
65 49.4 41.1 61.7

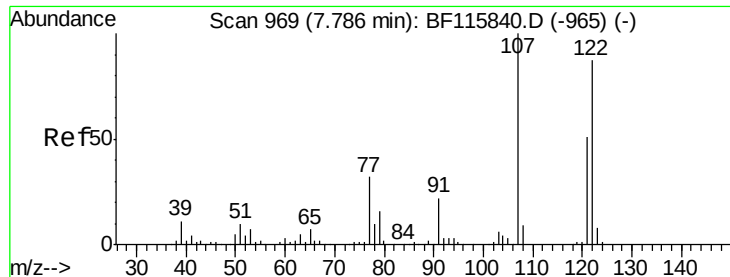


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

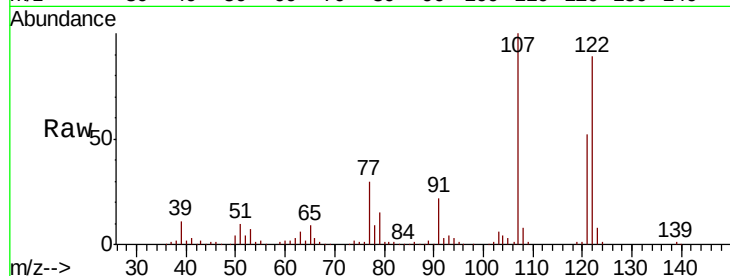




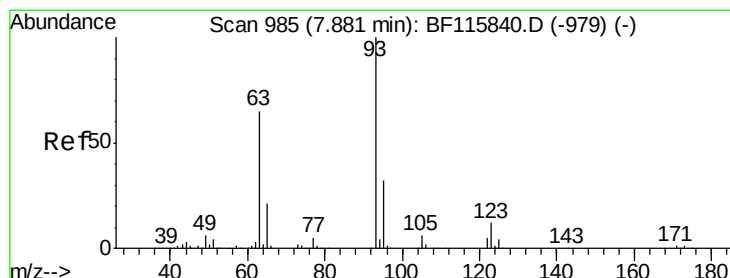
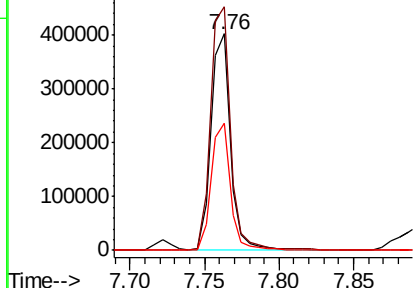
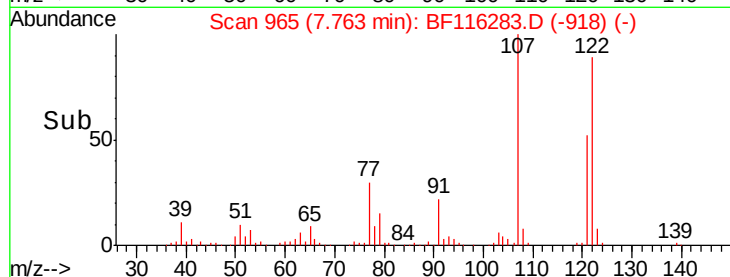
#27
2,4-Dimethylphenol
Concen: 40.903 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 361640
Ion Ratio Lower Upper
122 100
107 112.5 93.0 139.6
121 58.4 47.6 71.4

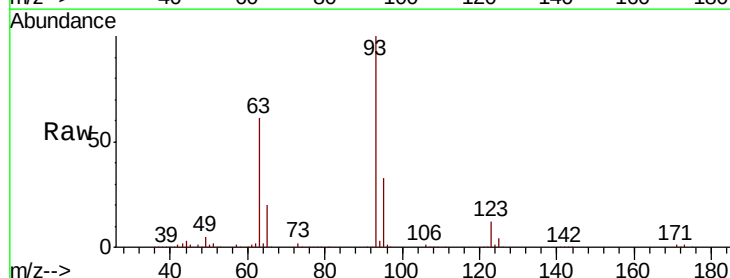


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

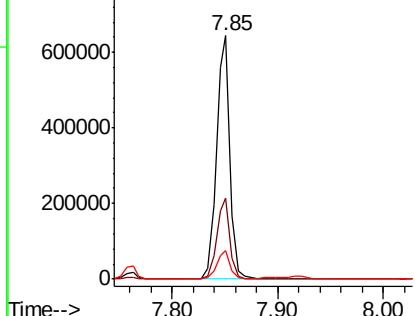
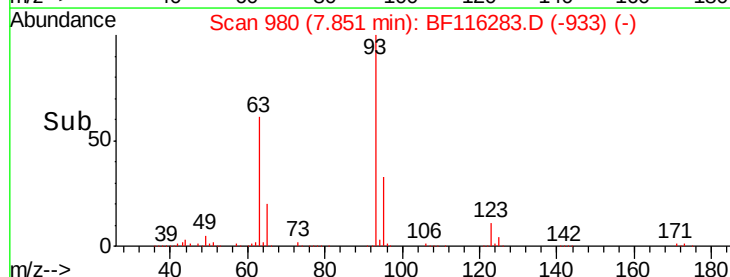


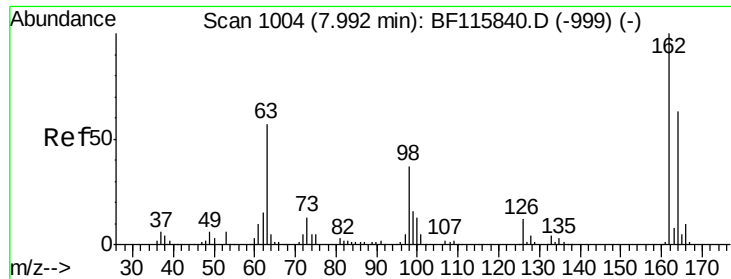
#28
bis(2-Chloroethoxy)methane
Concen: 42.427 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion: 93 Resp: 580573
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 11.5 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

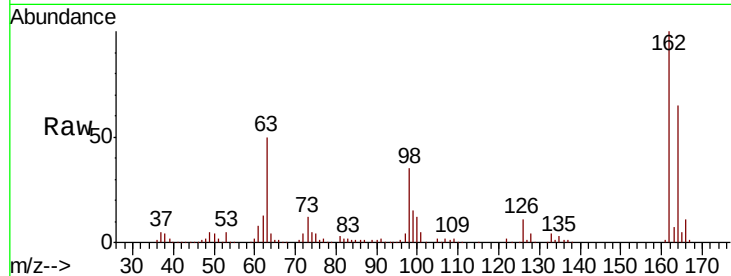




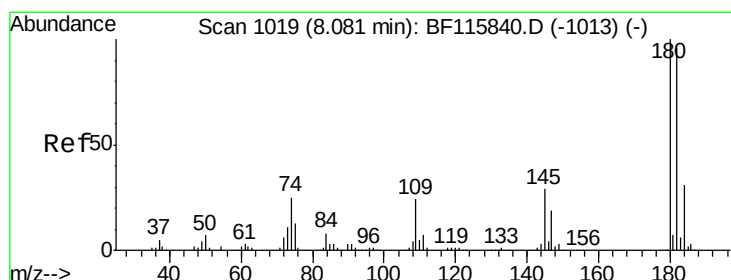
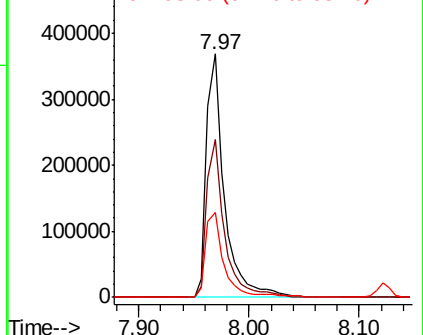
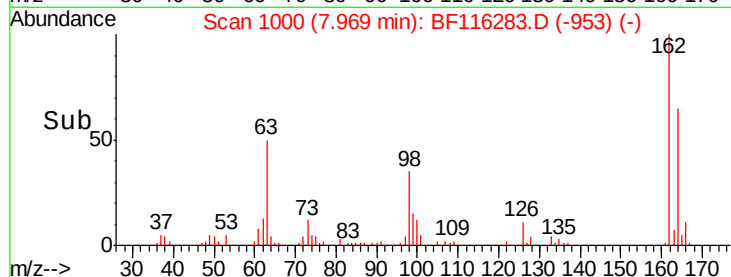
#29
2,4-Dichlorophenol
Concen: 43.335 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.1	85.1
98	34.7	15.8	55.8

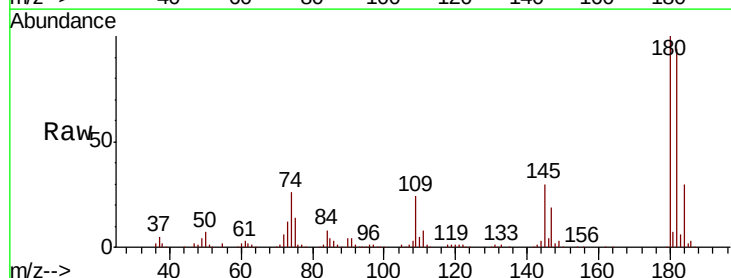


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

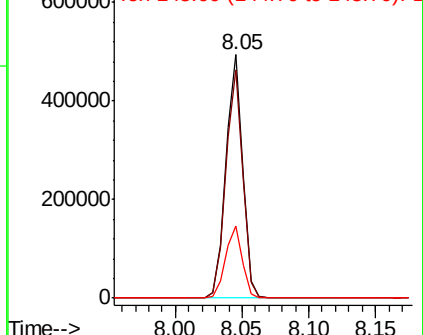
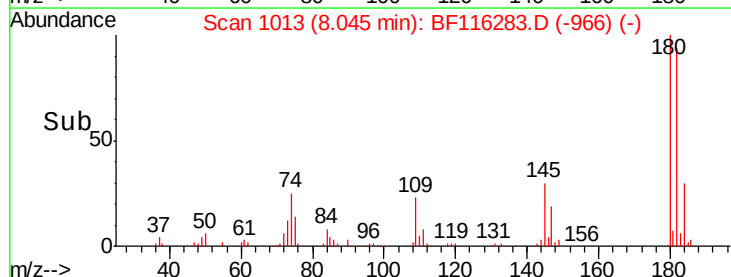


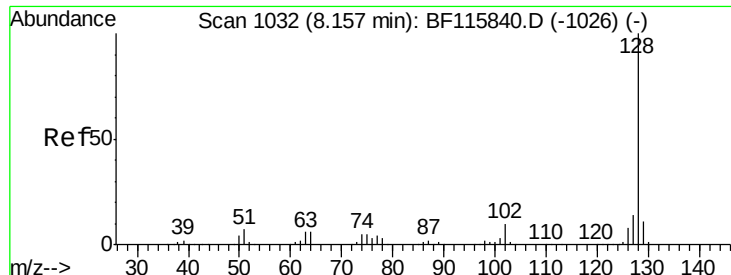
#30
1,2,4-Trichlorobenzene
Concen: 41.438 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.7	113.5
145	29.6	24.3	36.5



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

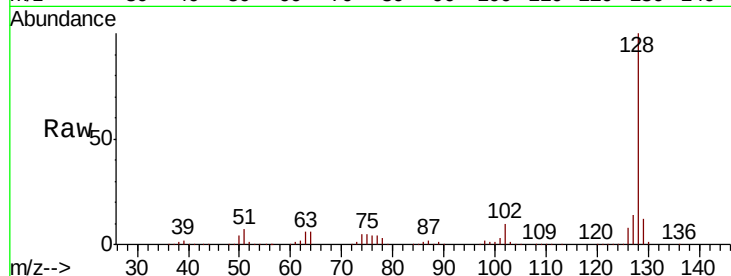




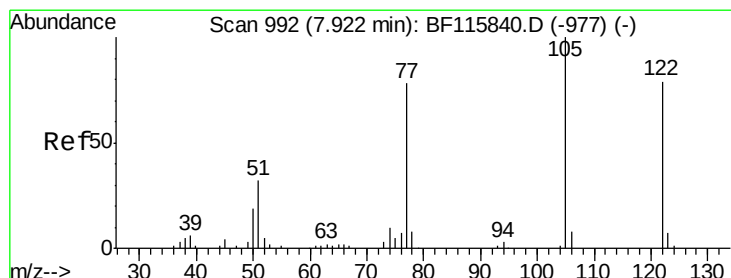
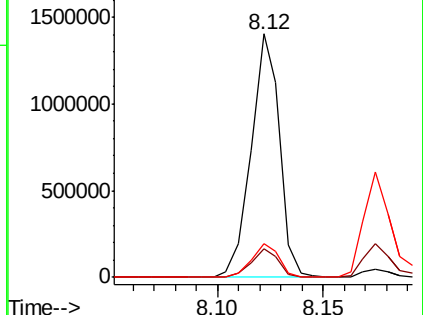
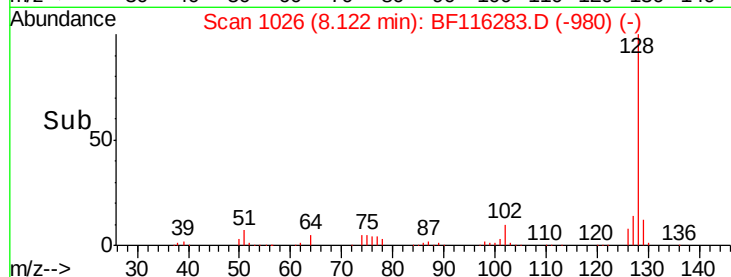
#31
Naphthalene
Concen: 41.801 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1311003
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.9 11.4 17.0

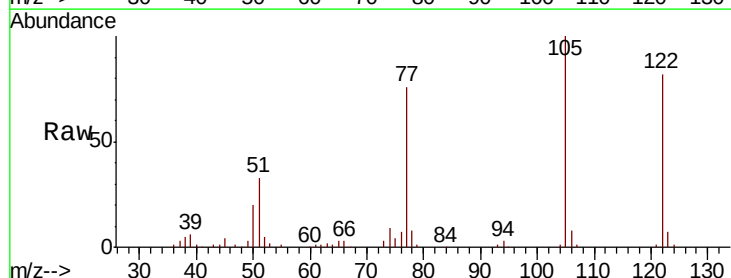


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

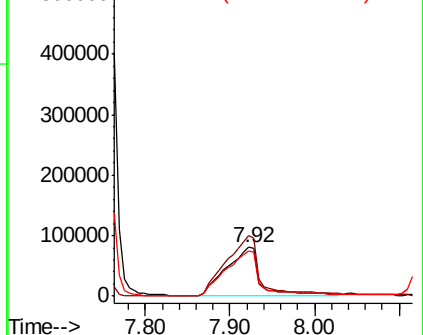
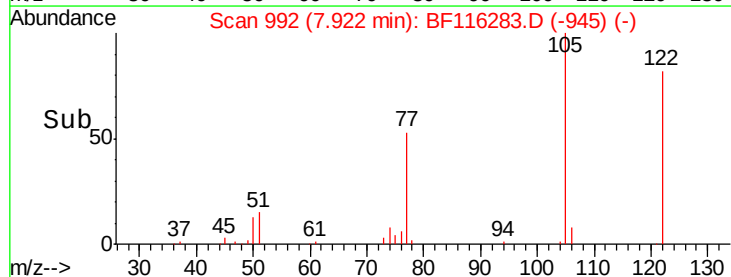


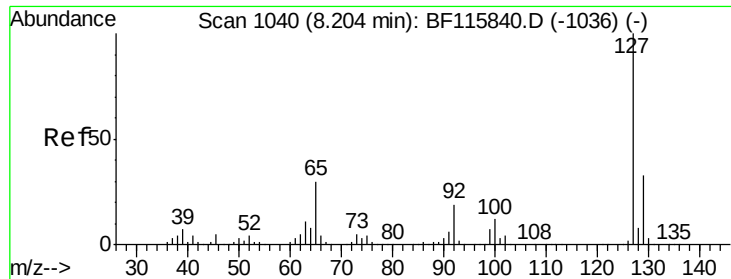
#32
Benzoic acid
Concen: 35.150 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:122 Resp: 219105
Ion Ratio Lower Upper
122 100
105 122.4 106.1 146.1
77 93.5 76.7 116.7



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

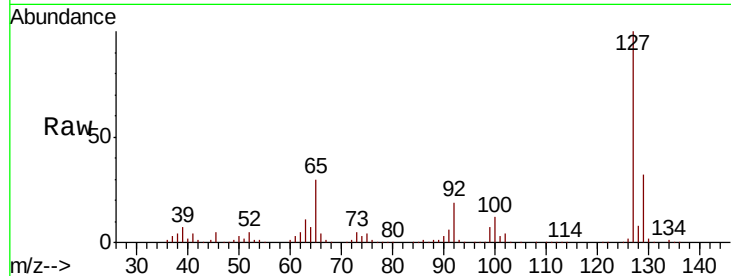




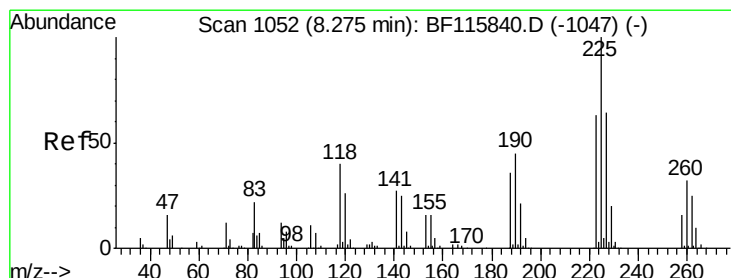
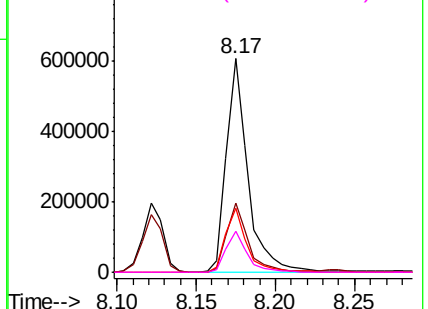
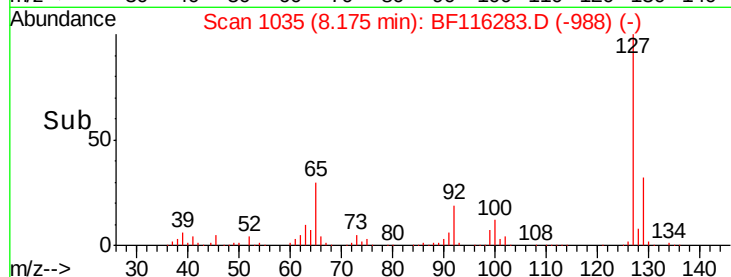
#33
4-Chloroaniline
Concen: 40.313 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	564905
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	30.0	24.9	37.3
92	18.9	15.7	23.5

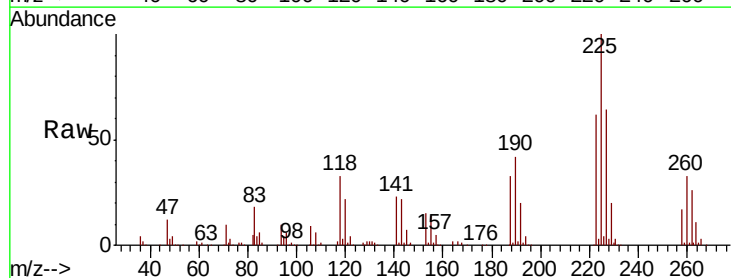


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

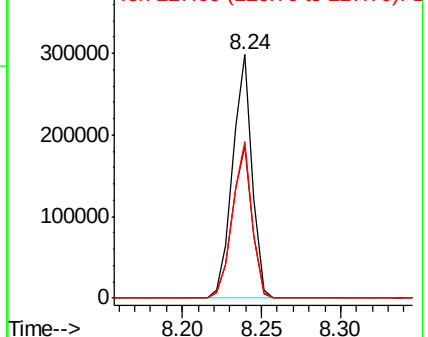
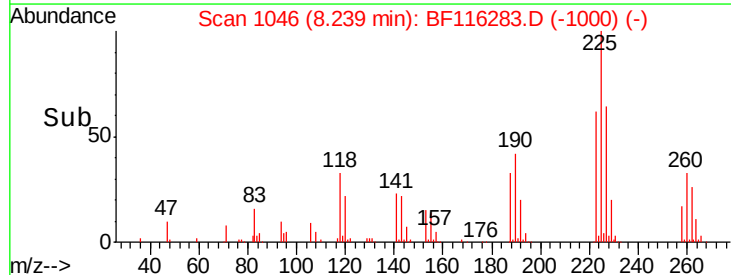


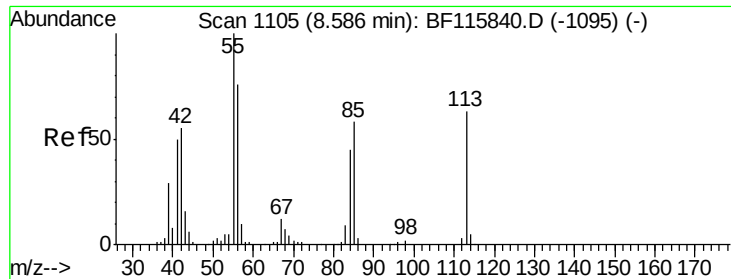
#34
Hexachlorobutadiene
Concen: 41.458 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:	225	Resp:	254113
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.0	75.0
227	64.4	51.0	76.4



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

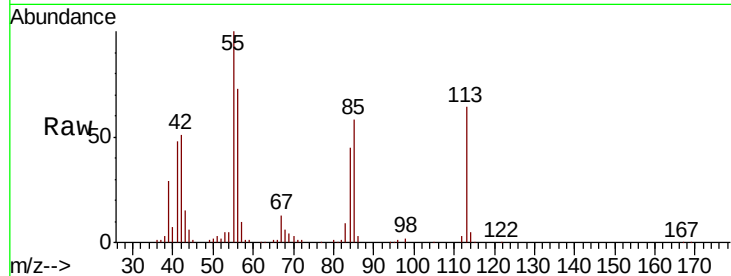




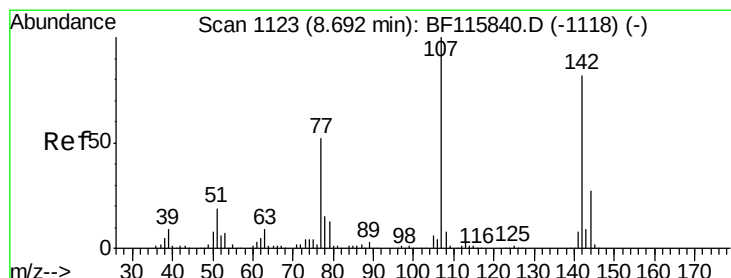
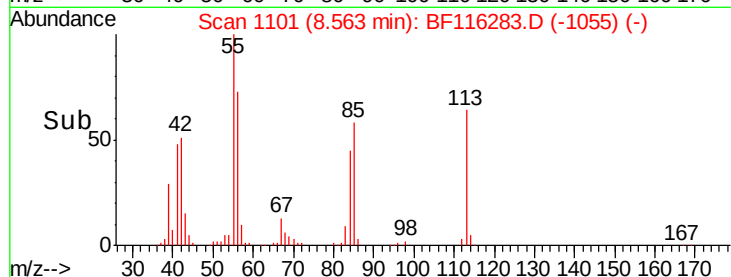
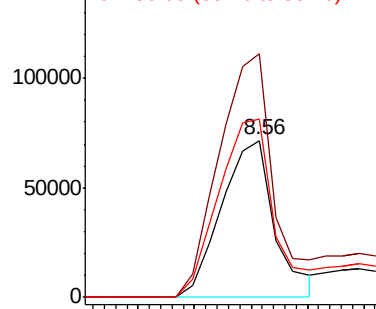
#35
Caprolactam
Concen: 30.932 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 93392
Ion Ratio Lower Upper
113 100
55 155.2 144.3 184.3
56 113.5 97.1 137.1

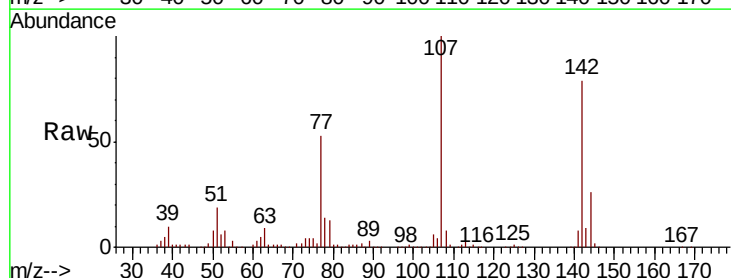


Abundance Ion 113.00 (112.70 to 113.70): E
150000 Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

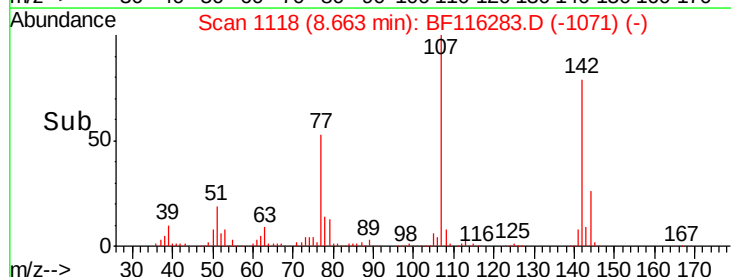
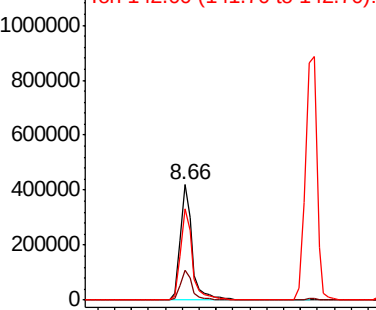


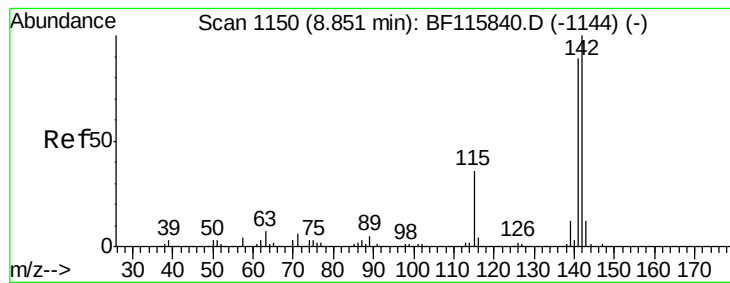
#36
4-Chloro-3-methylphenol
Concen: 43.247 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:107 Resp: 420006
Ion Ratio Lower Upper
107 100
144 25.6 20.2 30.2
142 78.8 61.7 92.5



Abundance Ion 107.00 (106.70 to 107.70): E
1200000 Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.713 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

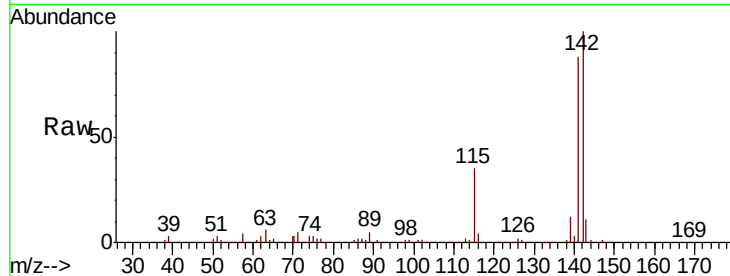
Tot Ion:142 Resp: 840932

Ion Ratio Lower Upper

142 100

141 88.0 70.9 106.3

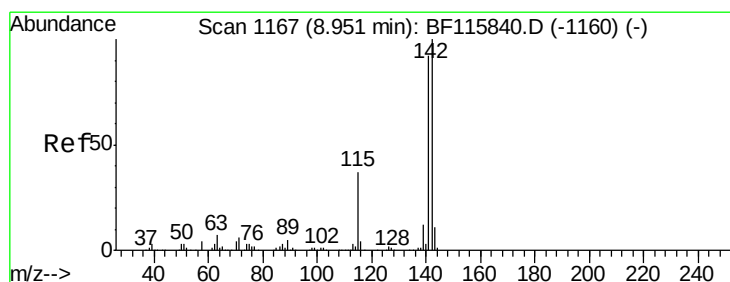
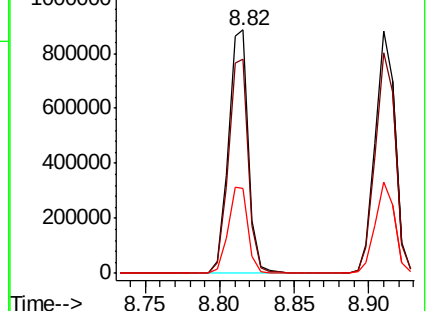
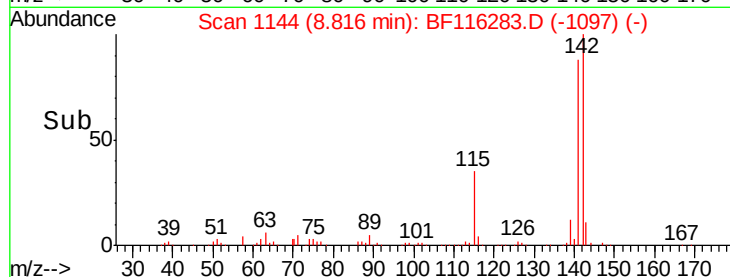
115 34.7 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.603 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

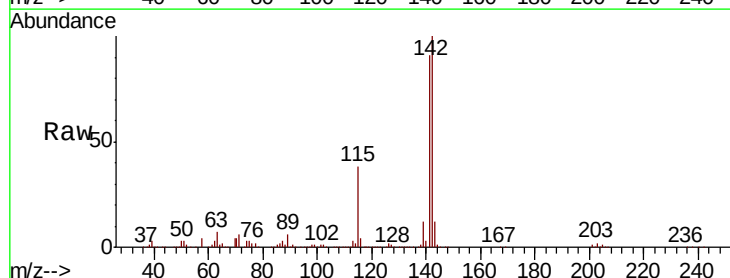
Tgt Ion:142 Resp: 812936

Ion Ratio Lower Upper

142 100

141 90.7 74.4 111.6

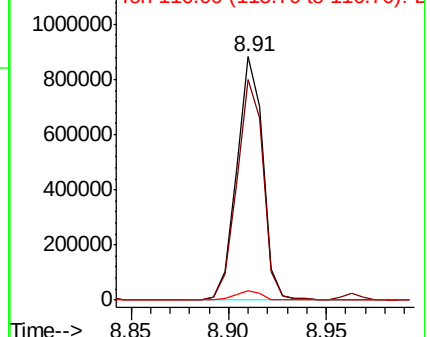
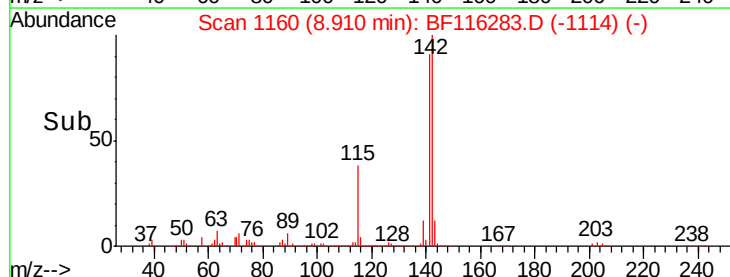
116 3.9 3.1 4.7

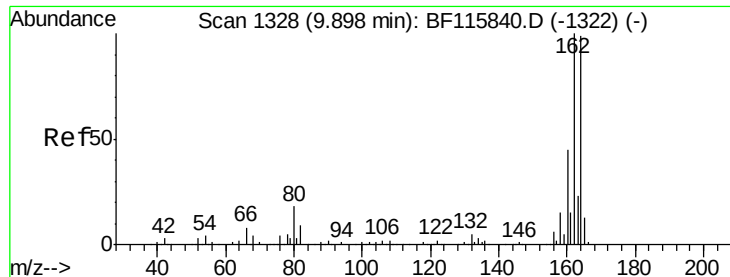


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

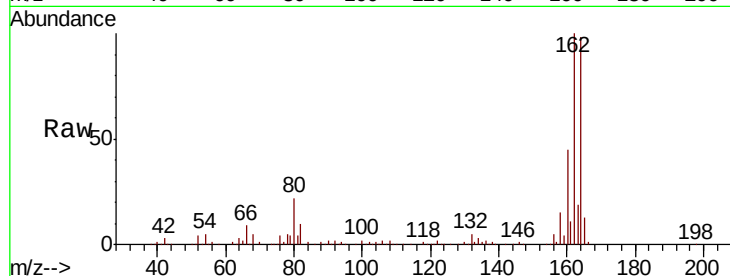




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	124.0
160	45.8	37.6	56.4

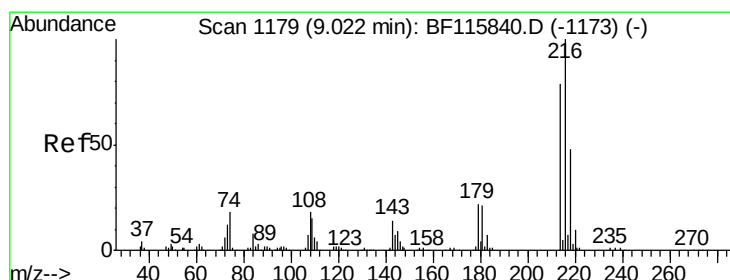
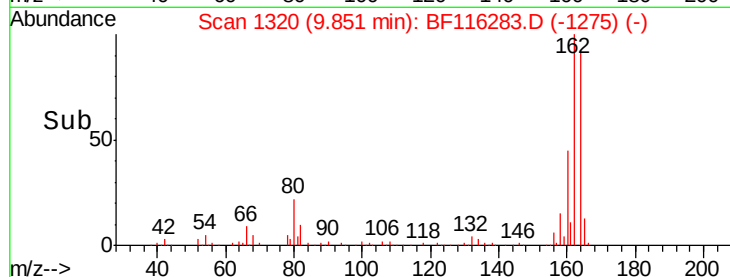
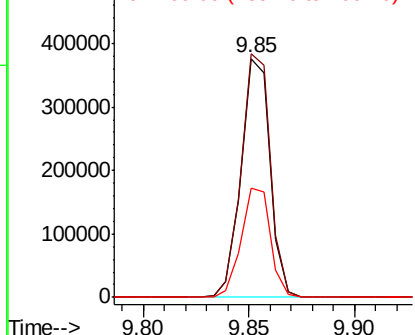


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.551 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.6	95.4
179	22.3	17.8	26.8
108	20.0	16.5	24.7

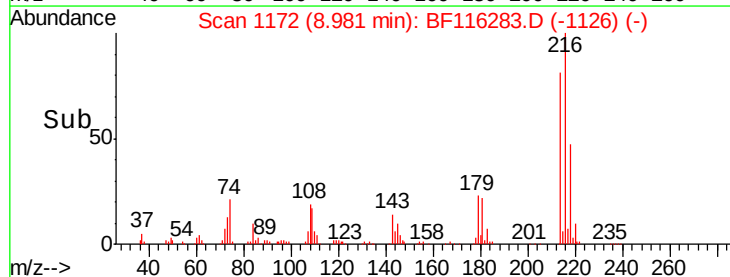
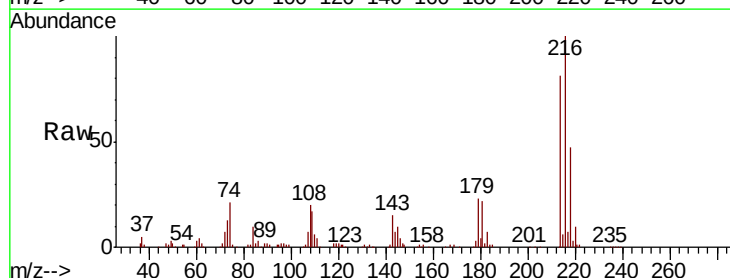
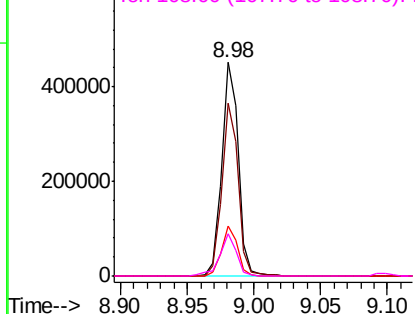
Abundance

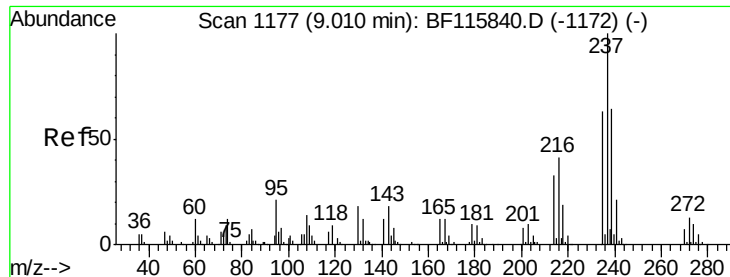
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

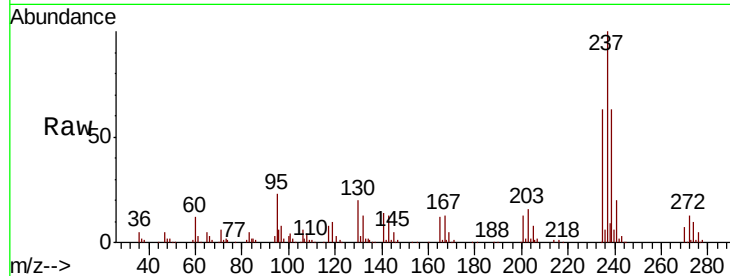




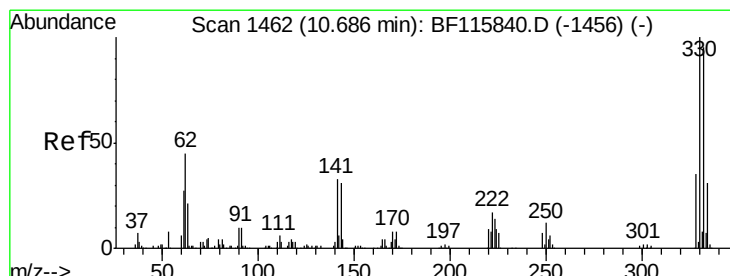
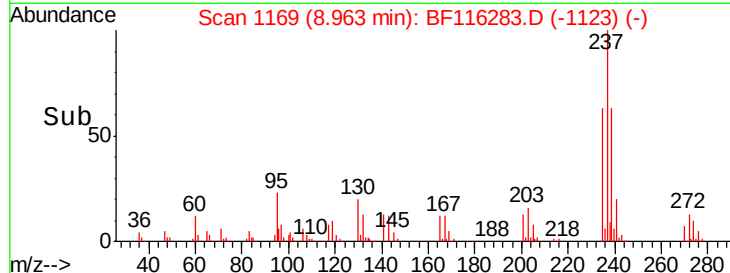
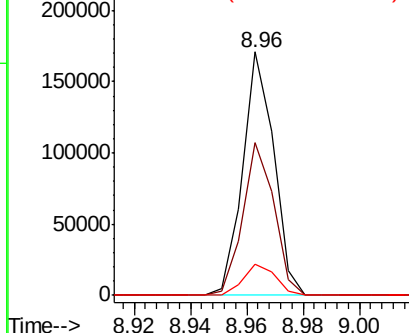
#41
Hexachlorocyclopentadiene
Concen: 34.128 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:237	Resp:	130617
Ion Ratio	Lower	Upper
237	100	
235	62.9	43.4 83.4
272	12.7	0.0 33.2

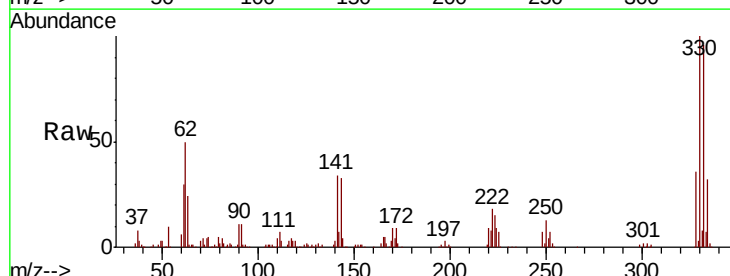


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

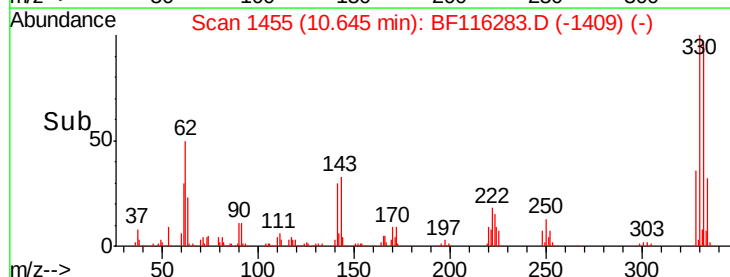
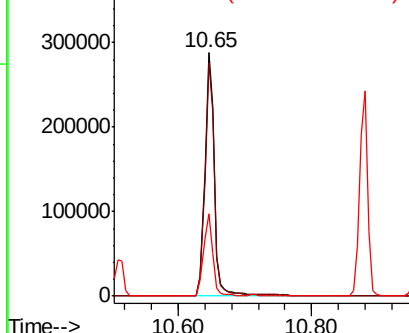


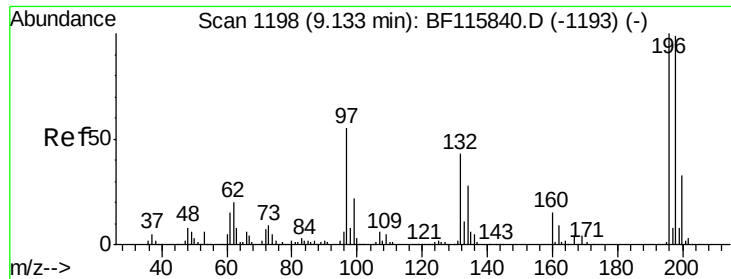
#42
2,4,6-Tribromophenol
Concen: 81.537 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:330	Resp:	282446
Ion Ratio	Lower	Upper
330	100	
332	96.3	76.8 115.2
141	32.3	26.3 39.5



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

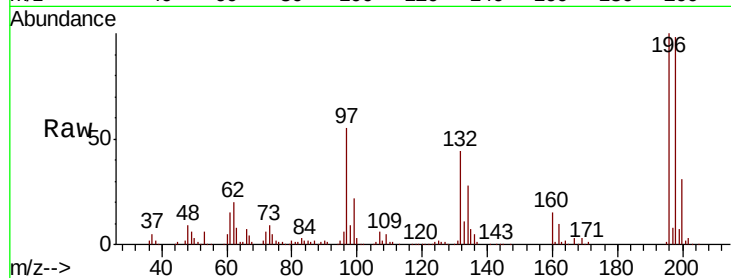




#43
 2,4,6-Trichlorophenol
 Concen: 38.935 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	79.2	118.8
200	31.4	25.2	37.8

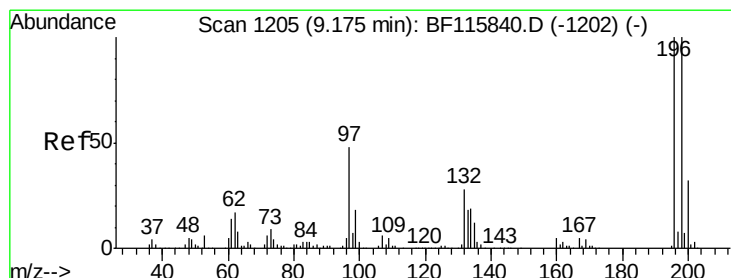
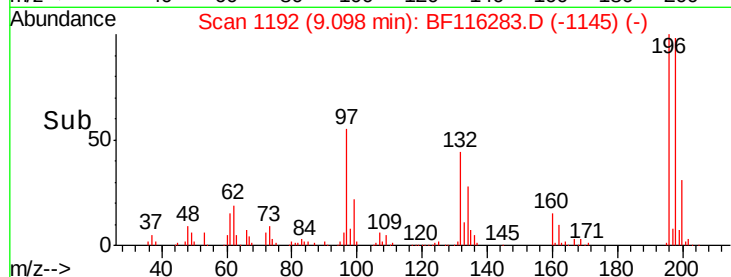
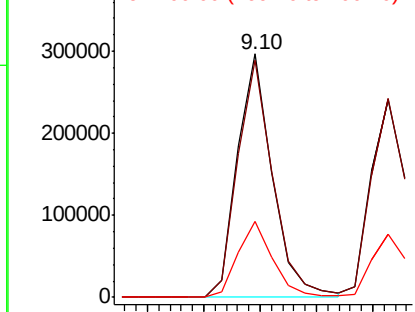


Abundance

Ion 196.00 (195.70 to 196.70): E

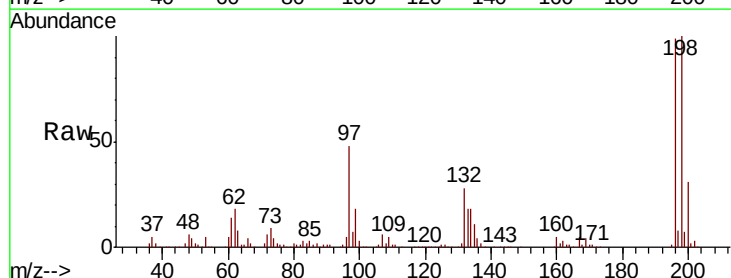
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.520 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.8	78.8	118.2
97	48.2	42.2	63.4
132	28.3	24.0	36.0



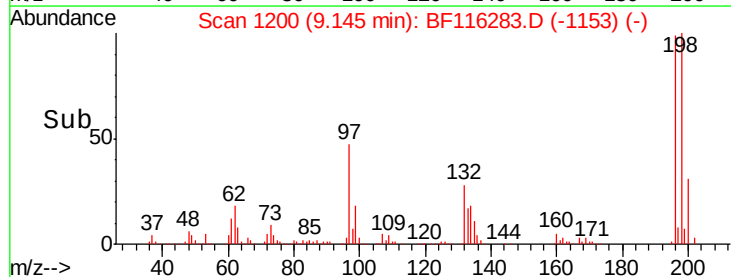
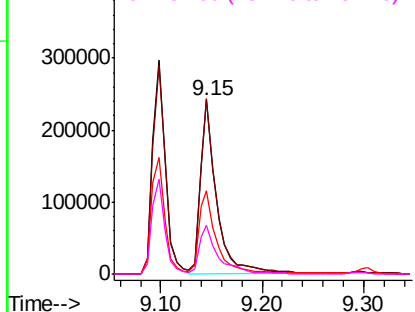
Abundance

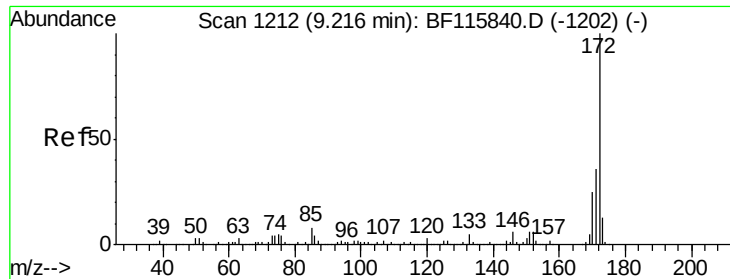
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

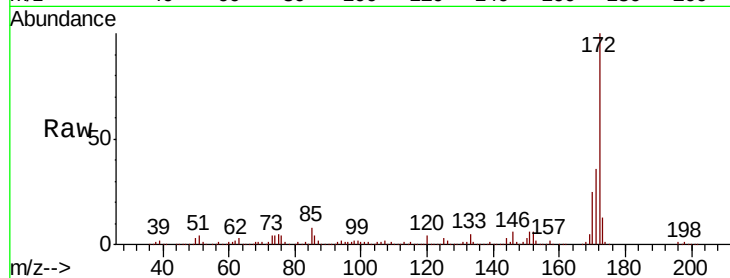




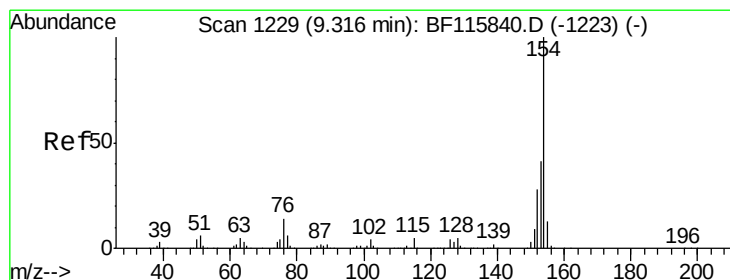
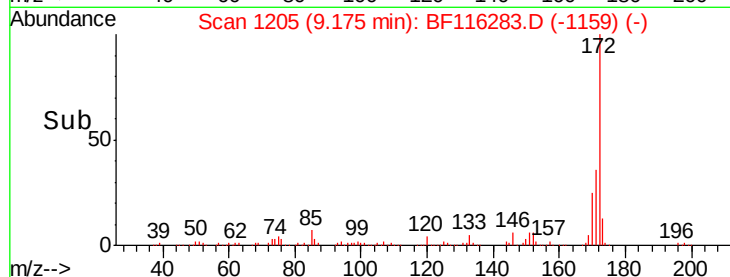
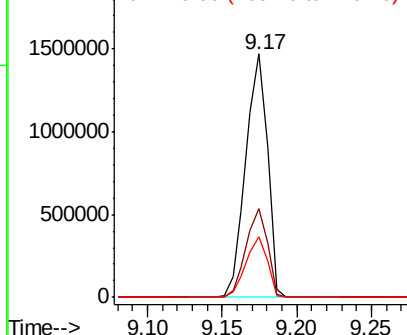
#45
2-Fluorobiphenyl
Concen: 78.009 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1488027
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 25.0 20.1 30.1

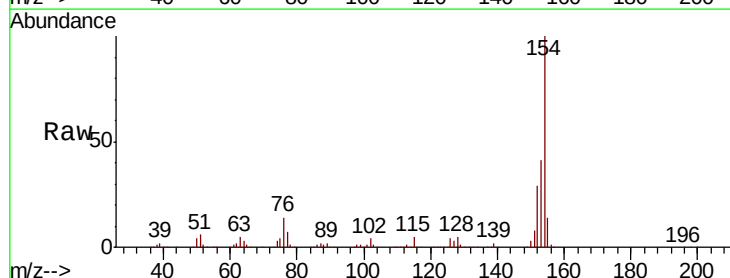


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

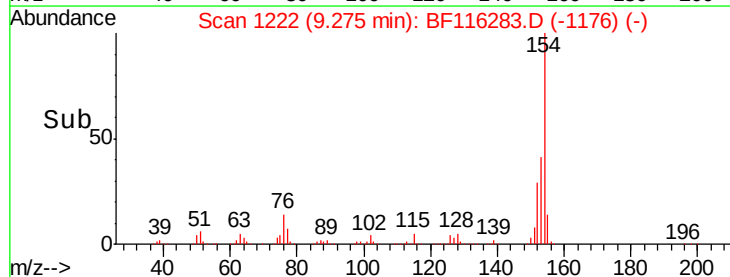
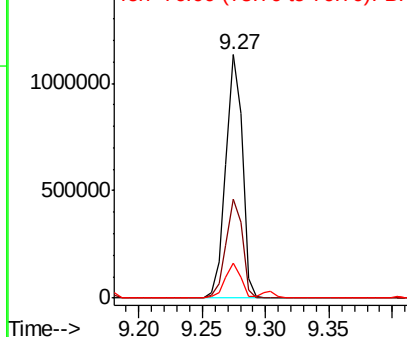


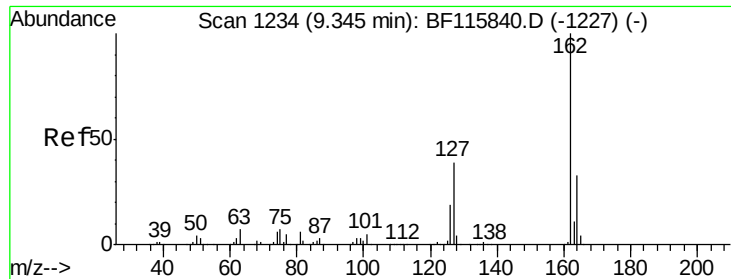
#46
1,1'-Biphenyl
Concen: 40.922 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:154 Resp: 1032243
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 14.5 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

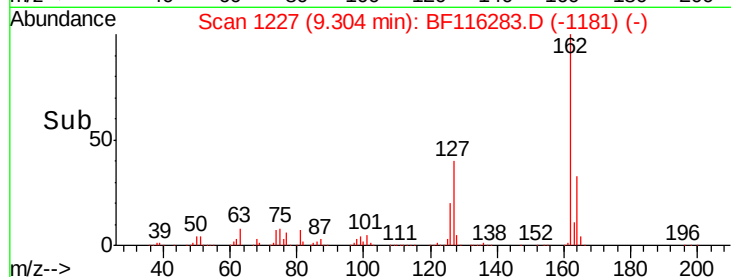
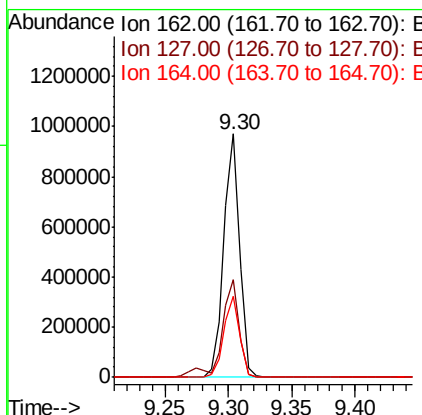
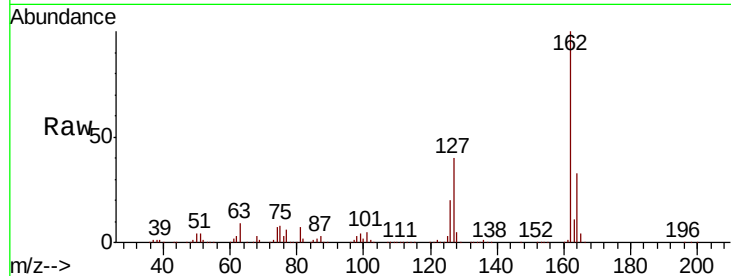




#47
 2-Chloronaphthalene
 Concen: 40.380 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

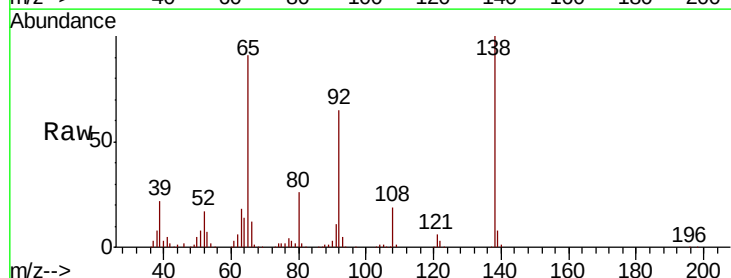
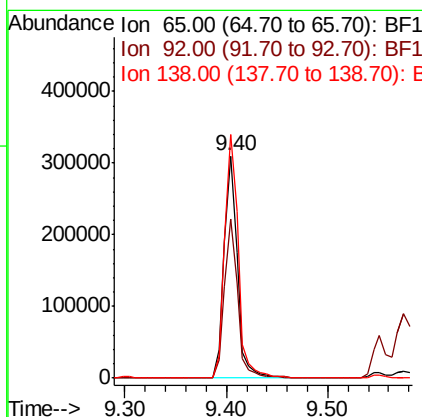
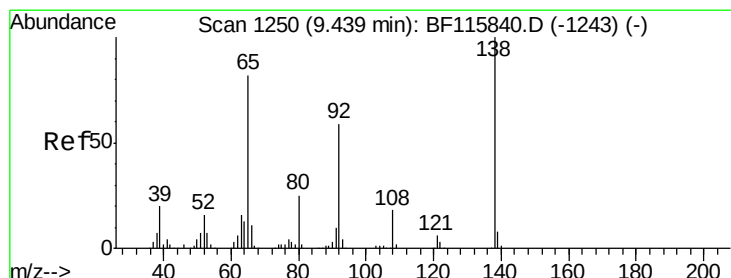
Instrument :
 BNA_F
 ClientSampleId :

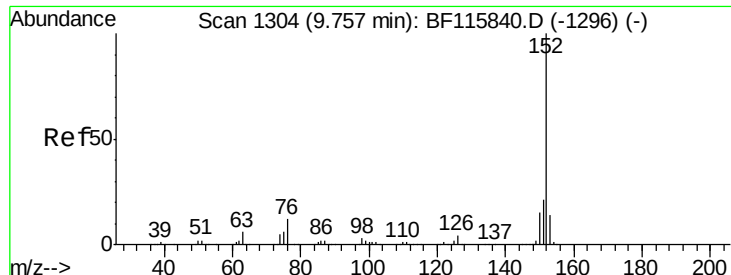
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.8	49.2
164	33.4	26.6	39.8



#48
 2-Nitroaniline
 Concen: 40.834 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.8	86.8
138	109.5	94.0	141.0





#49

Acenaphthylene

Concen: 40.180 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

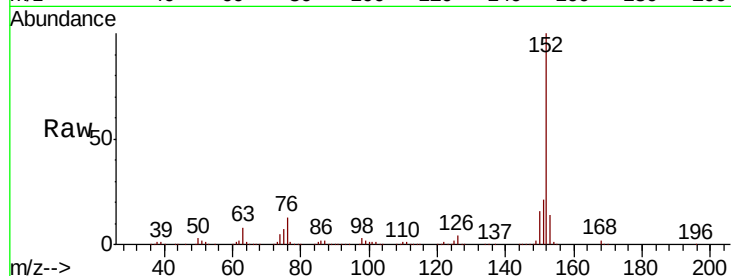
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1230661

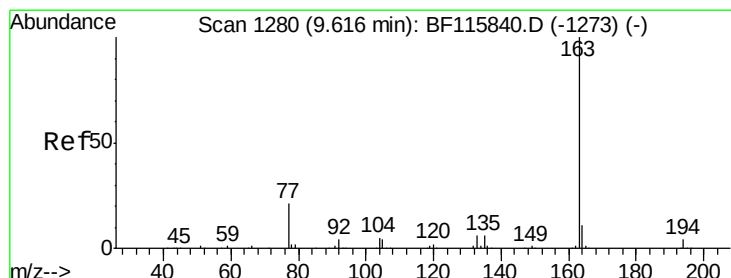
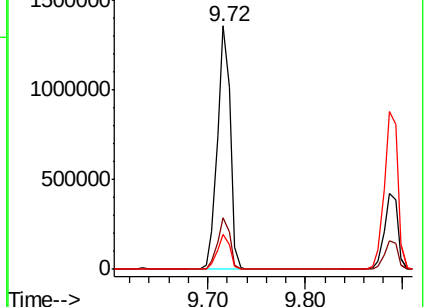
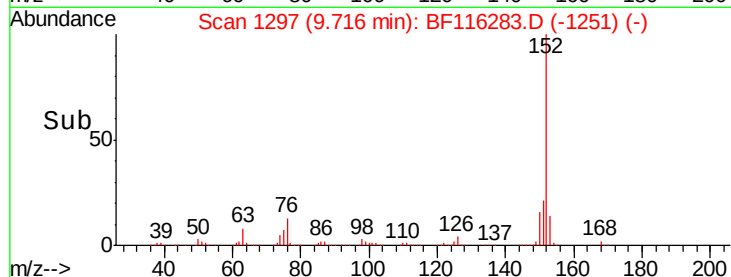
Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	14.5	11.8	17.8



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: 41.857 ng

RT: 9.57 min Scan# 1273

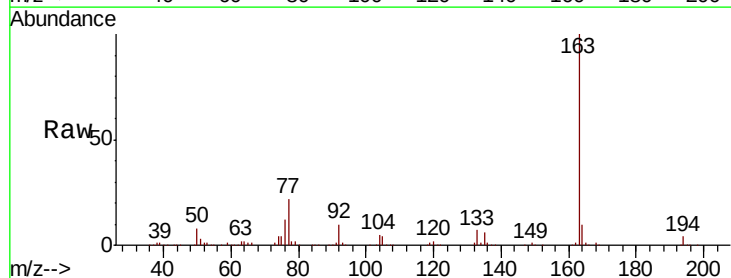
Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Tgt Ion:163 Resp: 1018267

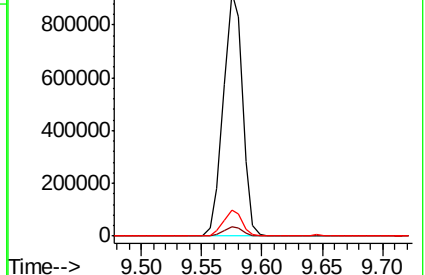
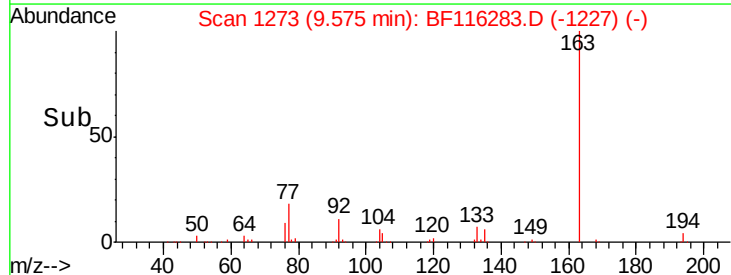
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.5	8.4	12.6

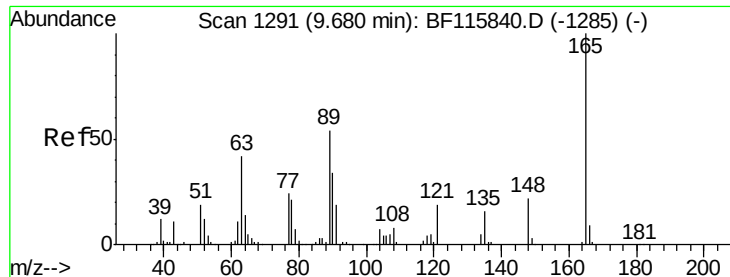


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

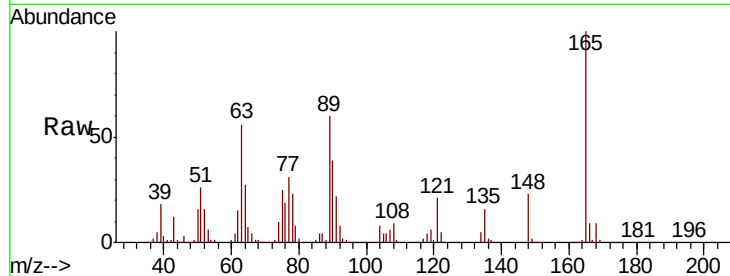




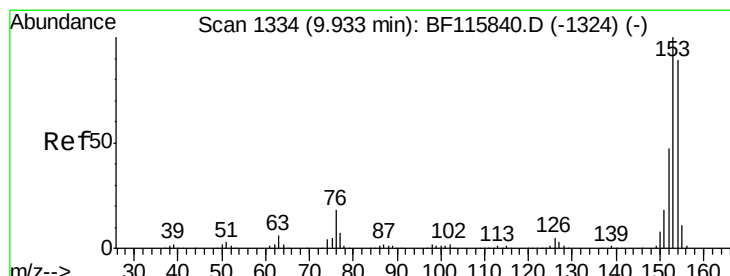
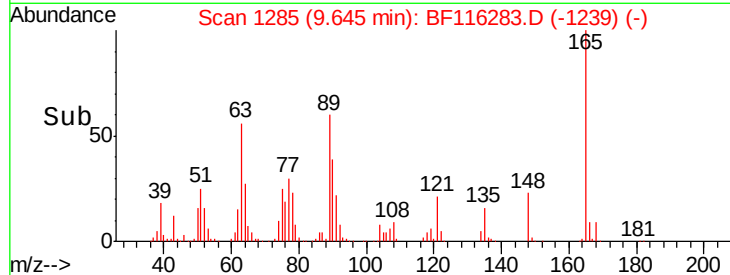
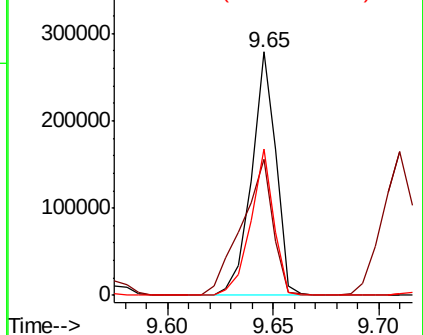
#51
 2,6-Dinitrotoluene
 Concen: 42.237 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.0	38.2	57.2
89	60.2	42.9	64.3

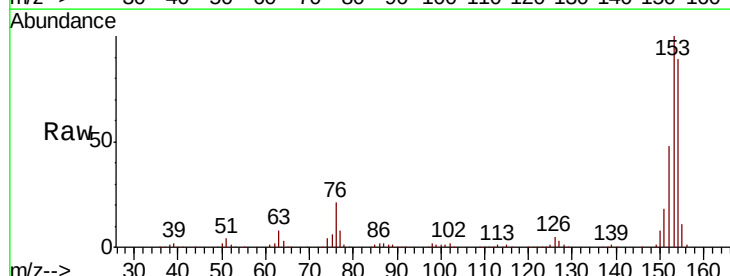


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

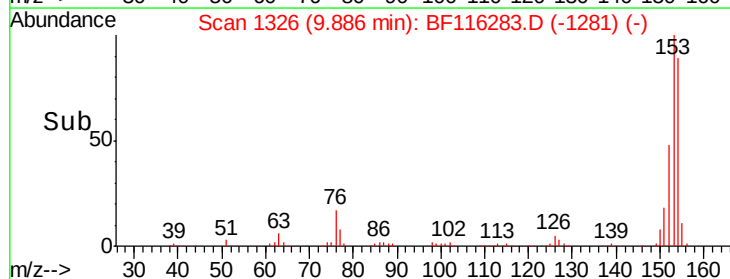
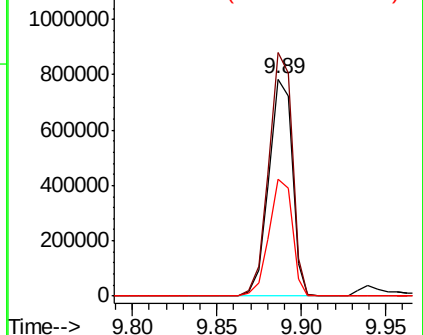


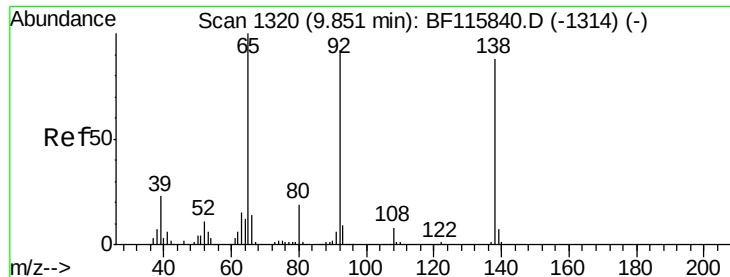
#52
 Acenaphthene
 Concen: 40.236 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.04 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.4	134.0
152	54.0	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

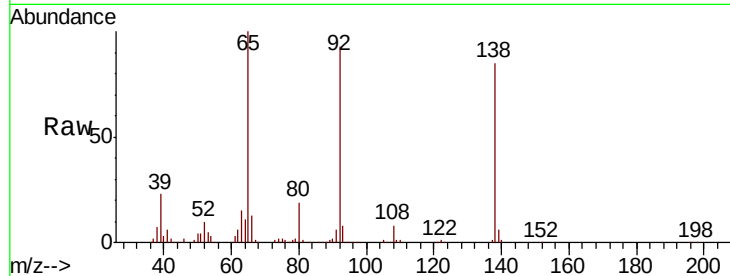




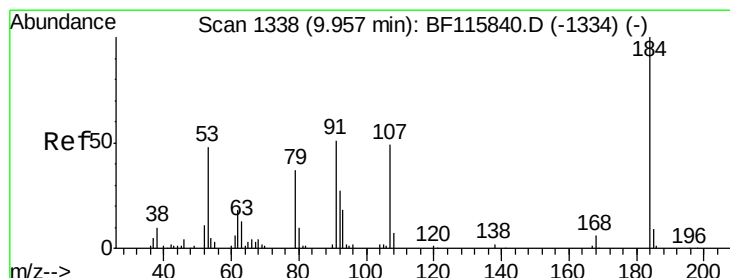
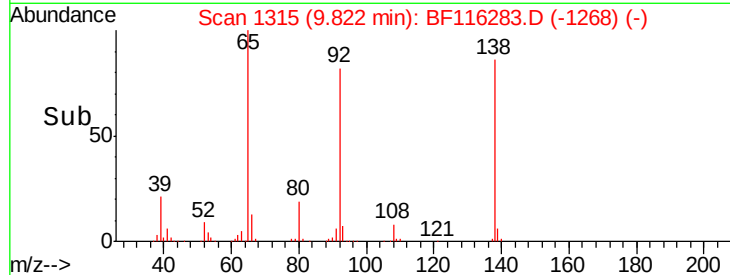
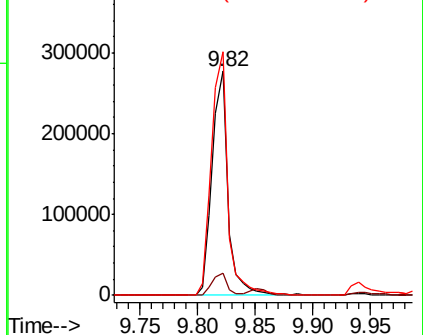
#53
 3-Nitroaniline
 Concen: 40.747 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 266179
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.0 12.0
 92 108.7 91.0 136.6

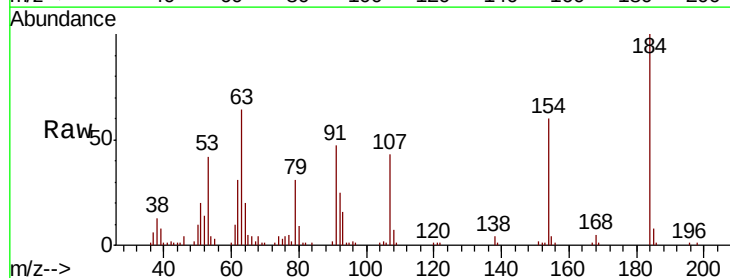


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

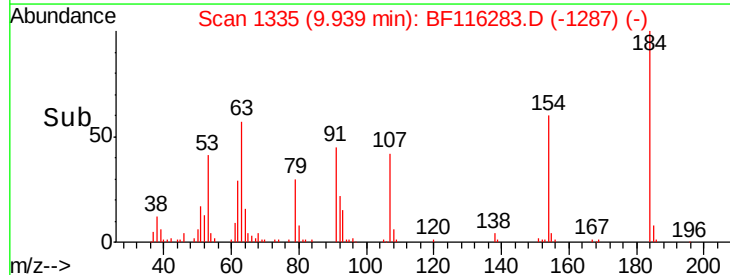
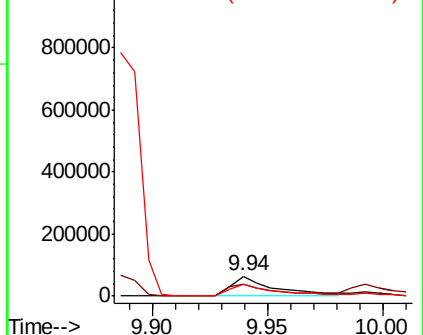


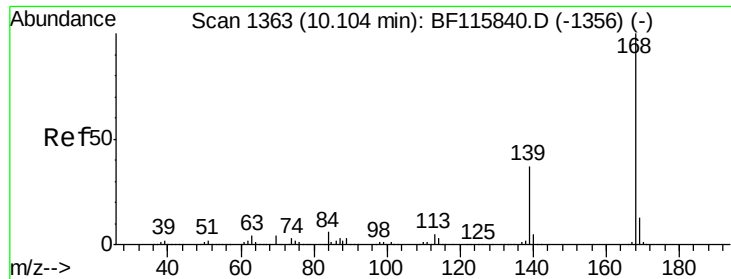
#54
 2,4-Dinitrophenol
 Concen: 35.855 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion:184 Resp: 83564
 Ion Ratio Lower Upper
 184 100
 63 63.6 53.0 79.4
 154 60.4 50.1 75.1



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

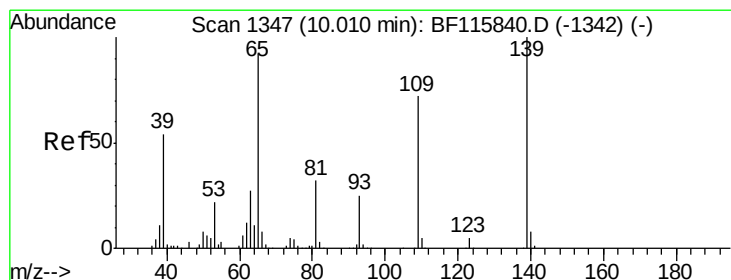
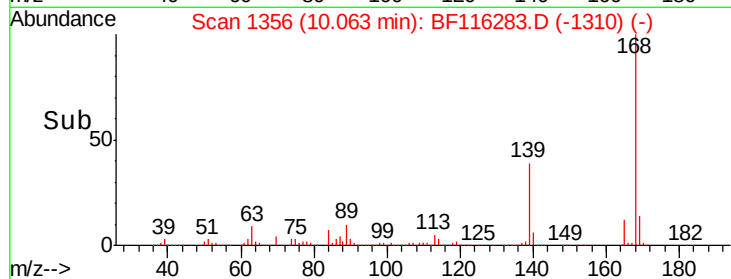
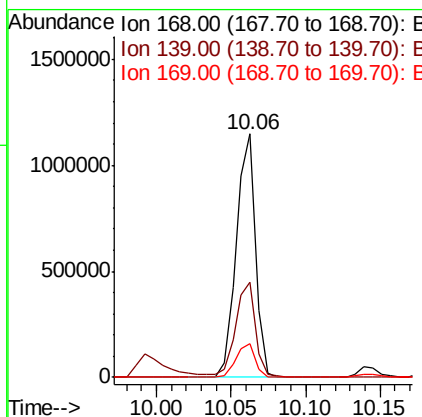
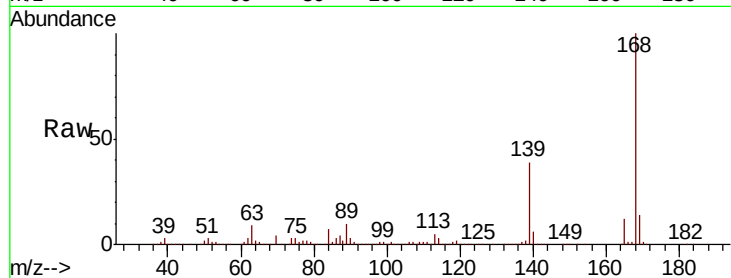




#55
Dibenzofuran
Concen: 38.014 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

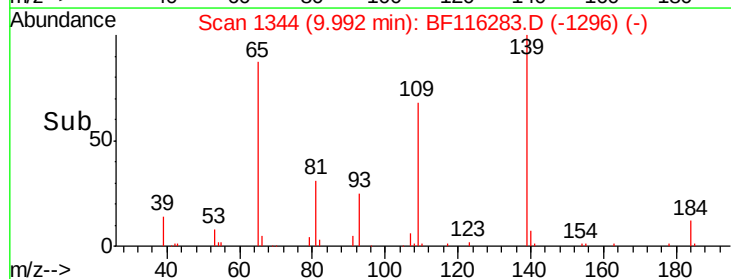
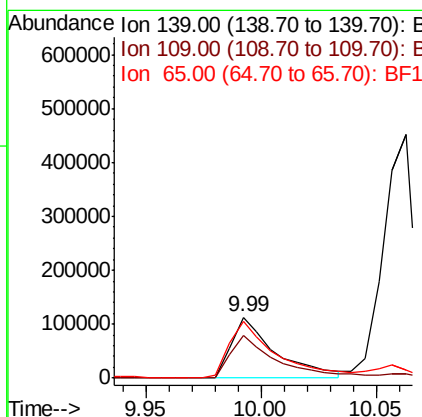
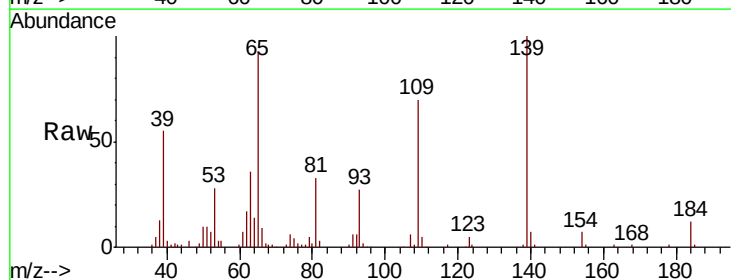
Instrument :
BNA_F
ClientSampleId :

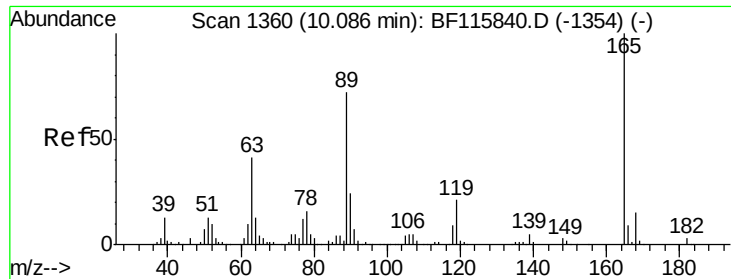
Tot Ion:168 Resp: 1038763
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.2
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 35.878 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:139 Resp: 150140
Ion Ratio Lower Upper
139 100
109 69.9 54.4 94.4
65 92.8 80.6 120.6

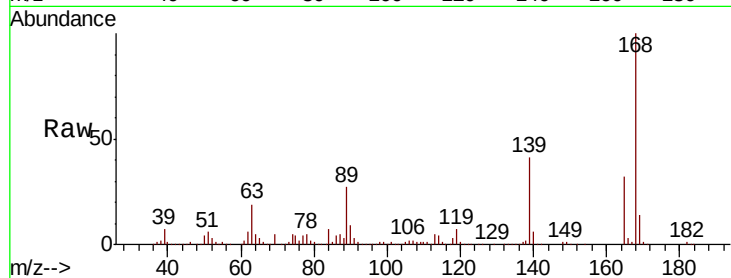




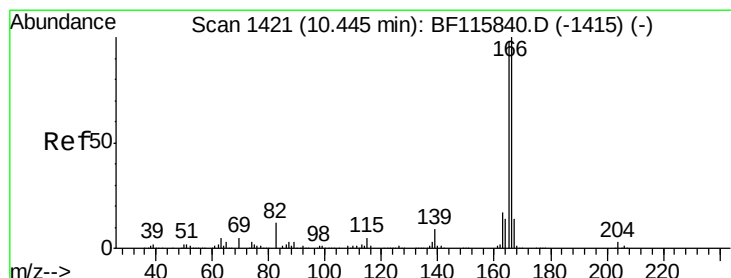
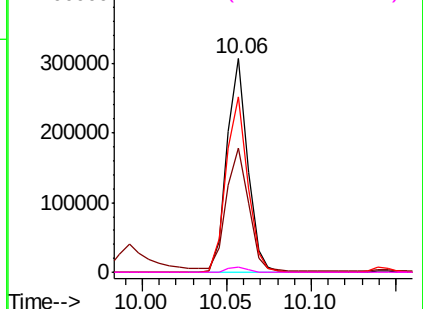
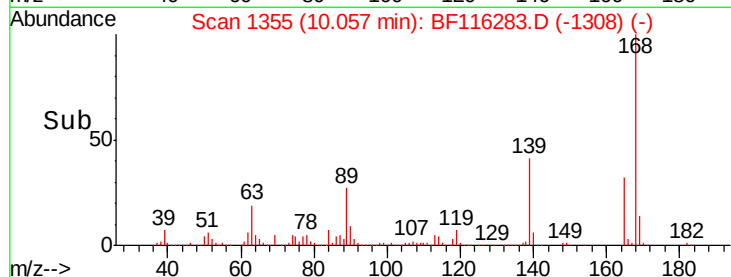
#57
2,4-Dinitrotoluene
Concen: 37.300 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.0	39.6	59.4
89	82.2	62.2	93.2
182	2.5	2.1	3.1

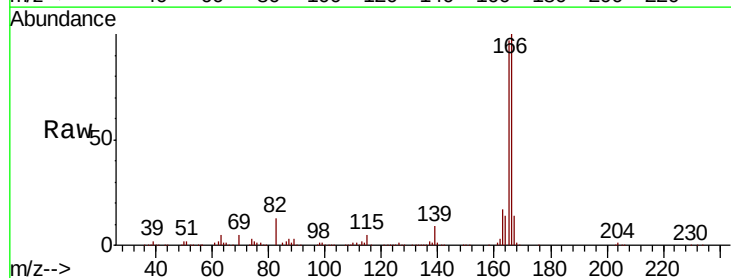


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

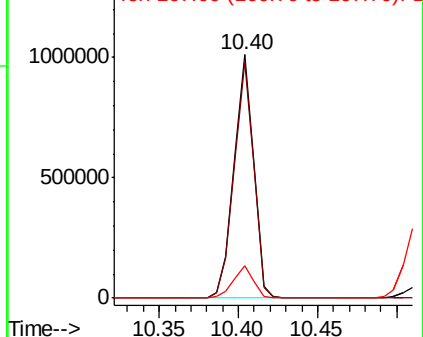
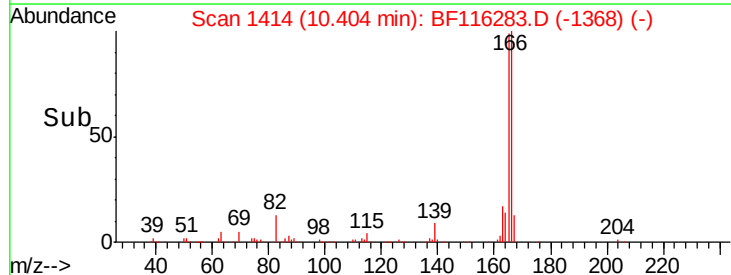


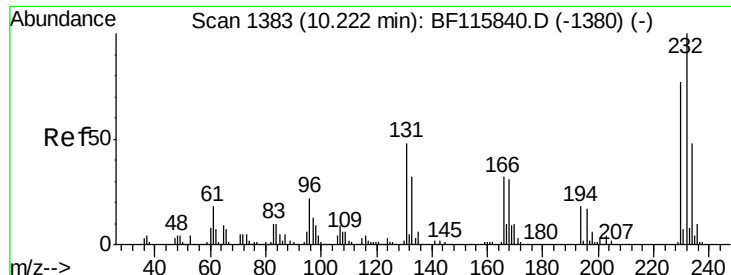
#58
Fluorene
Concen: 41.572 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.4	117.6
167	13.6	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

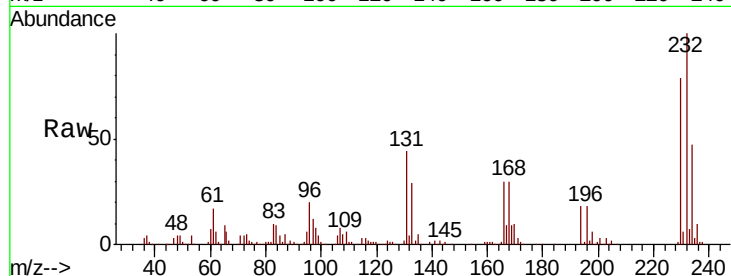




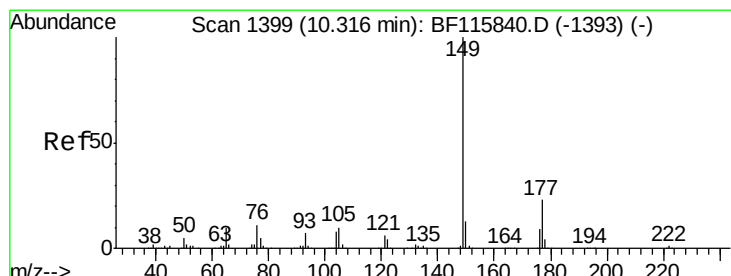
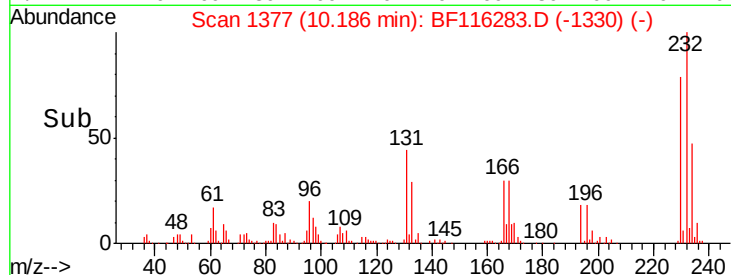
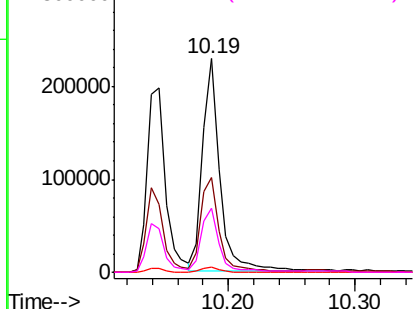
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.309 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	36.2	54.2
130	2.4	1.9	2.9
166	30.0	23.0	34.4

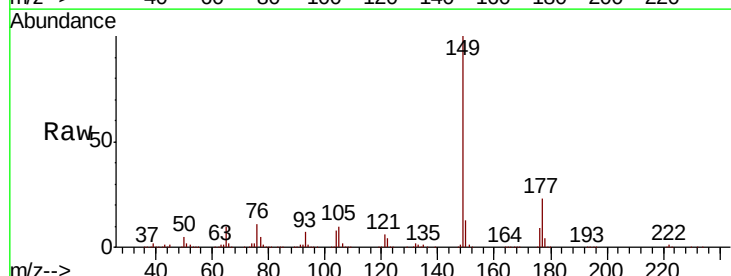


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

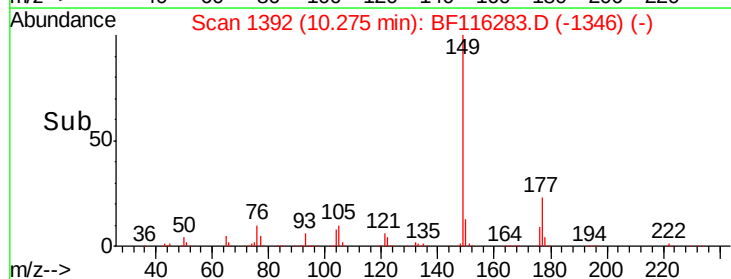
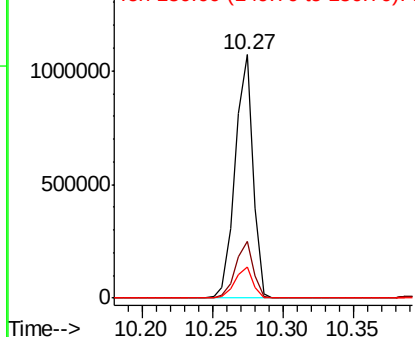


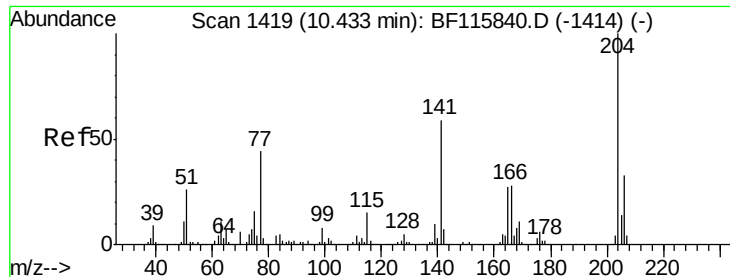
#60
Diethylphthalate
Concen: 41.584 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.8	28.2
150	12.7	10.2	15.4



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

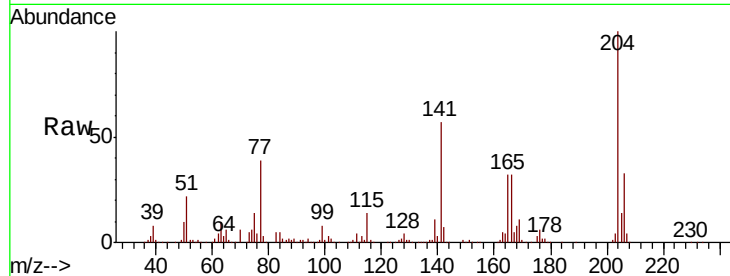




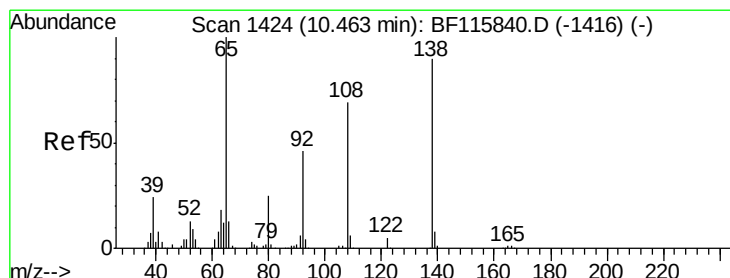
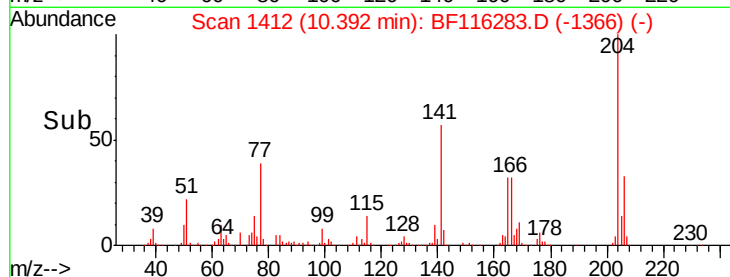
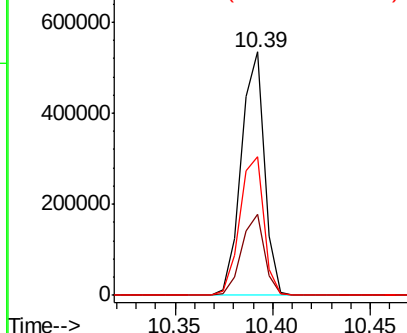
#61
4-Chlorophenyl-phenylether
Concen: 41.365 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 440440
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 56.9 46.4 69.6

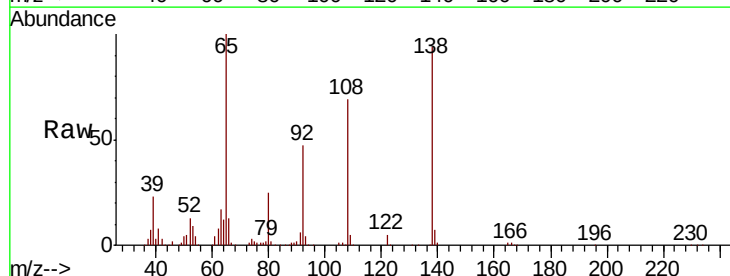


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

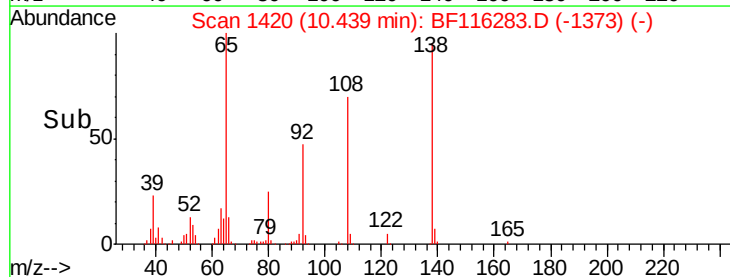
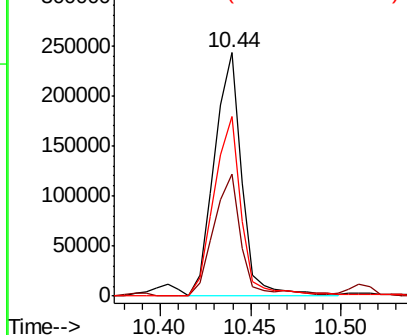


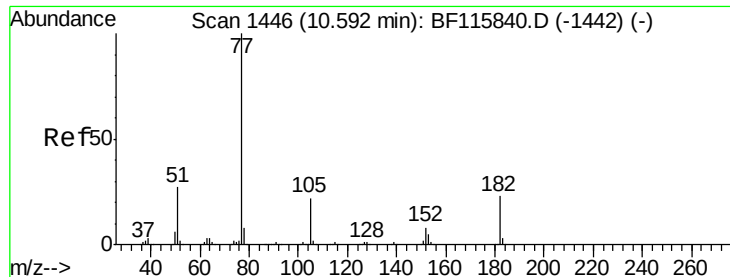
#62
4-Nitroaniline
Concen: 38.228 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:138 Resp: 258073
Ion Ratio Lower Upper
138 100
92 49.9 29.0 69.0
108 74.0 54.7 94.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.511 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 969757

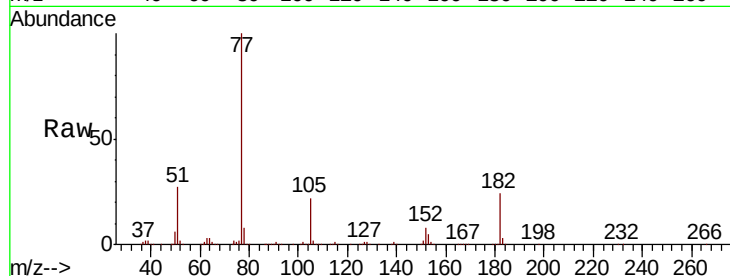
Ion Ratio Lower Upper

77 100

182 23.9 4.0 44.0

105 21.9 2.0 42.0

51 27.2 7.5 47.5

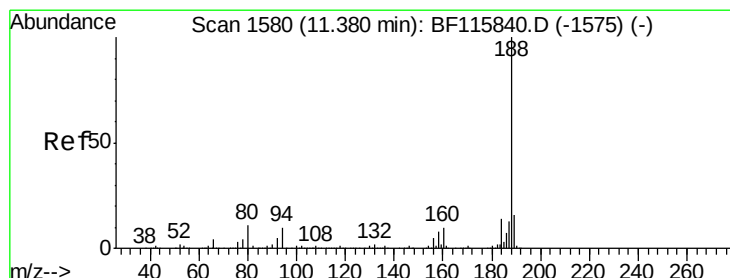
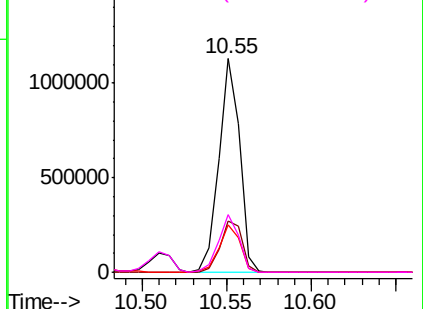
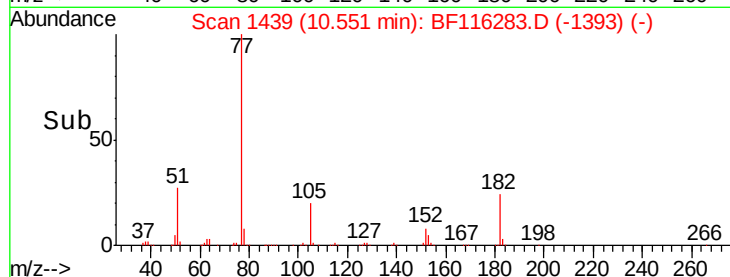


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

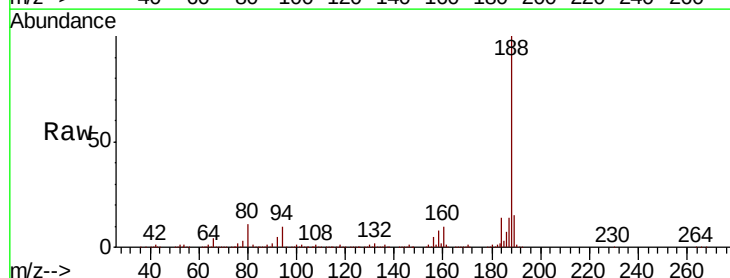
Tgt Ion: 188 Resp: 622068

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

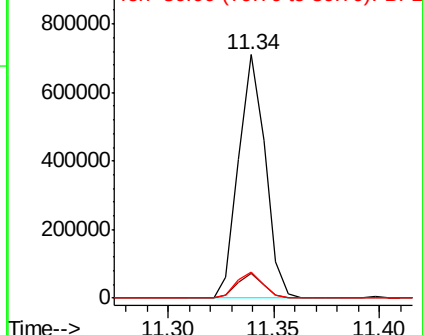
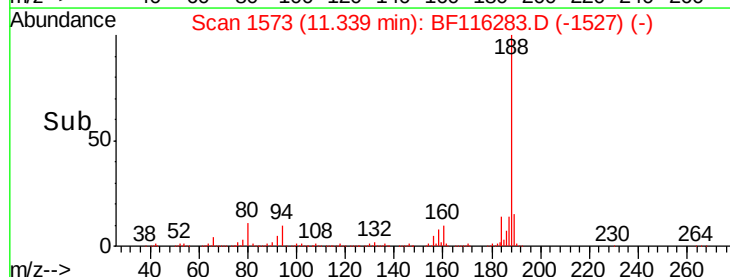
80 10.9 8.7 13.1

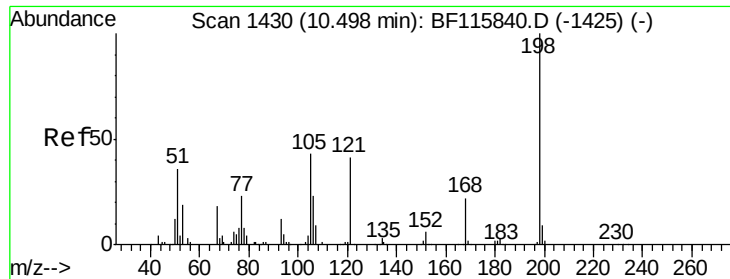


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.676 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

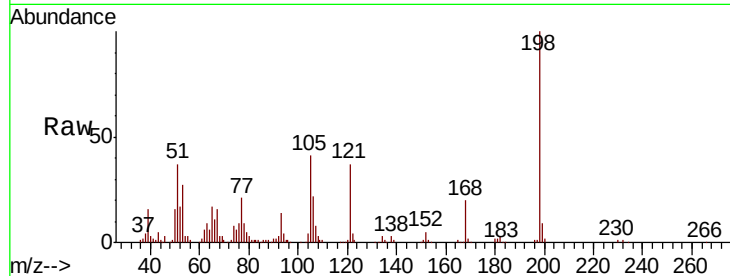
Tot Ion:198 Resp: 140683

Ion Ratio Lower Upper

198 100

51 37.3 17.0 57.0

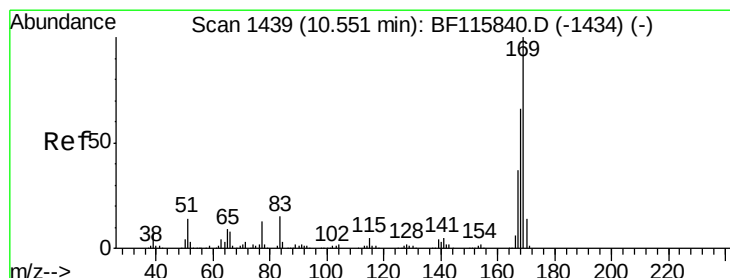
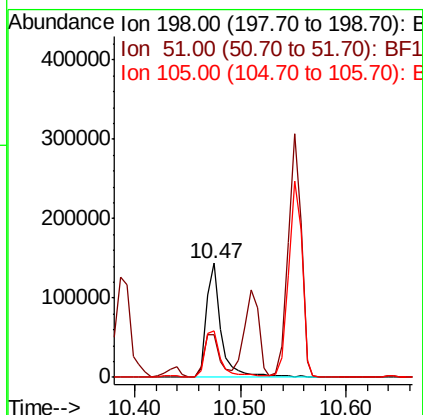
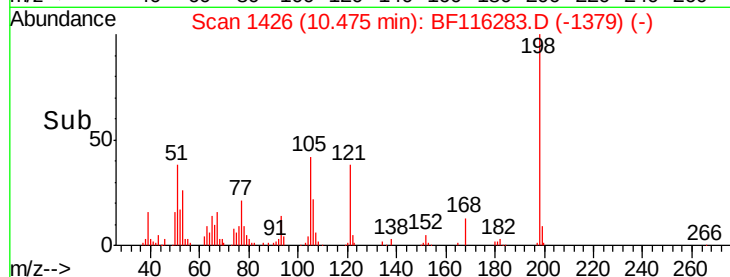
105 41.2 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.934 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

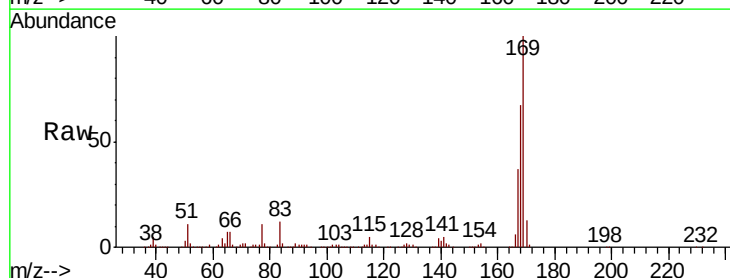
Tgt Ion:169 Resp: 785160

Ion Ratio Lower Upper

169 100

168 66.8 53.8 80.6

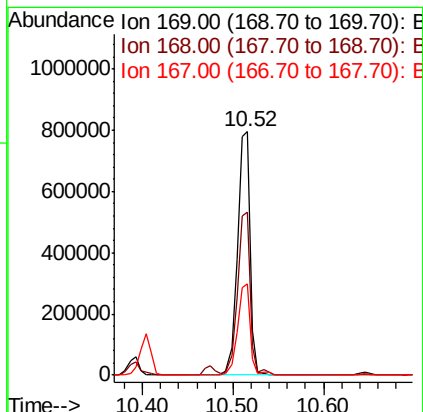
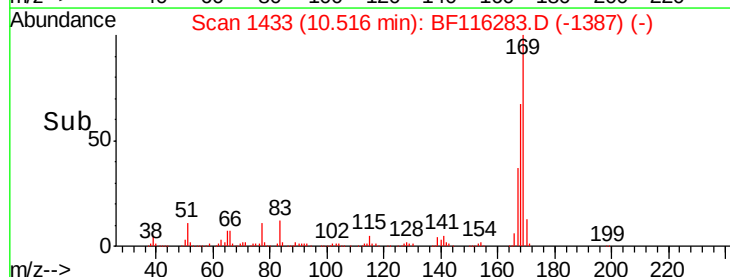
167 37.3 29.6 44.4

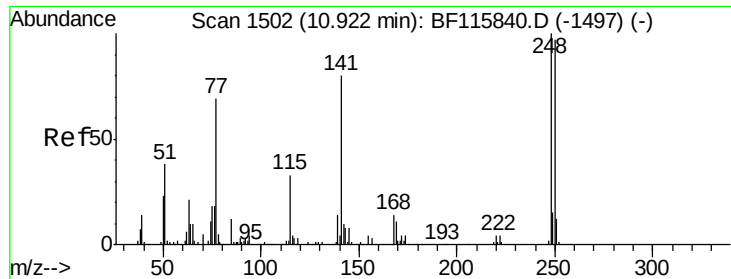


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

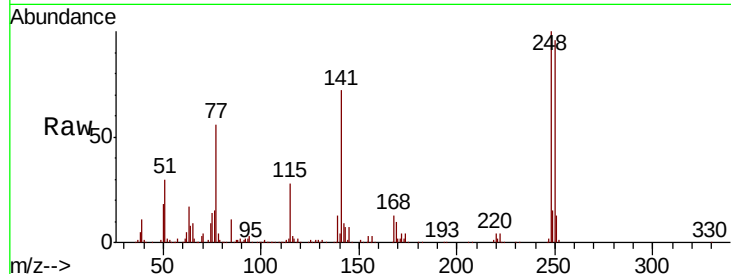




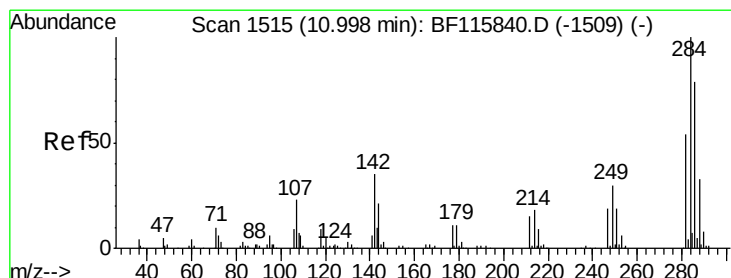
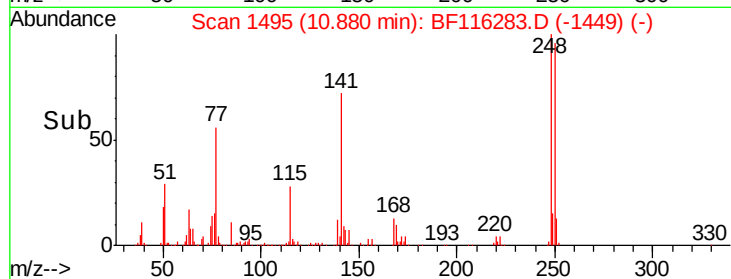
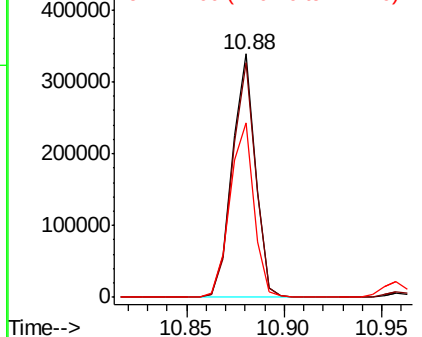
#67
 4-Bromophenyl-phenylether
 Concen: 41.842 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.4	116.2
141	71.8	56.8	85.2

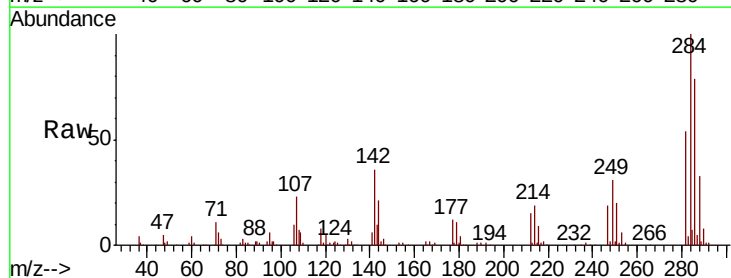


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

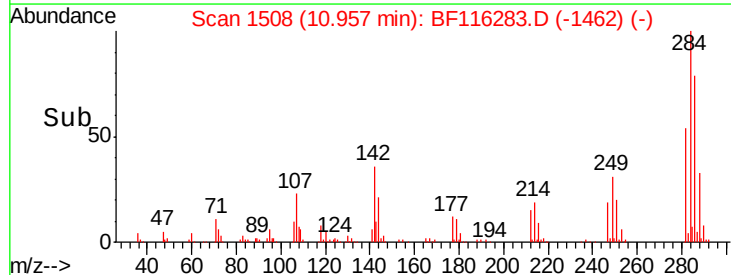
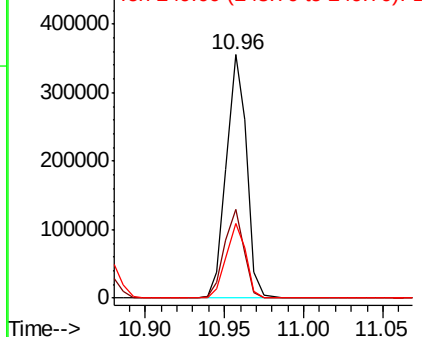


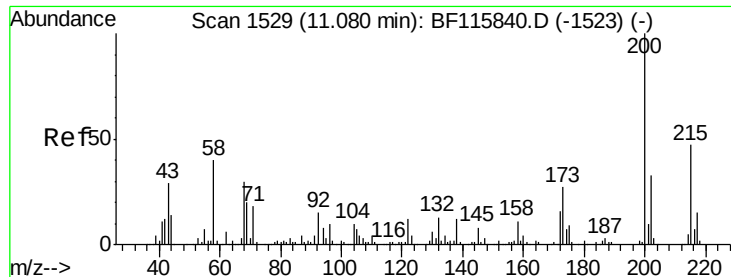
#68
 Hexachlorobenzene
 Concen: 40.832 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	28.4	42.6
249	30.7	24.5	36.7



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

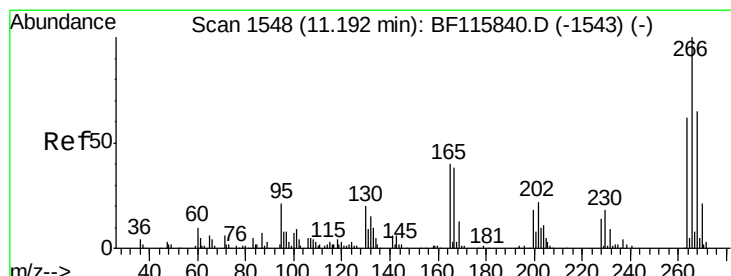
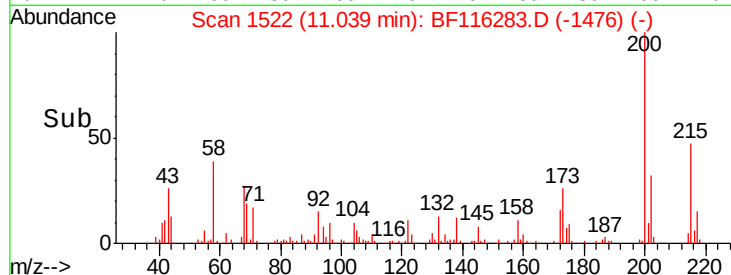
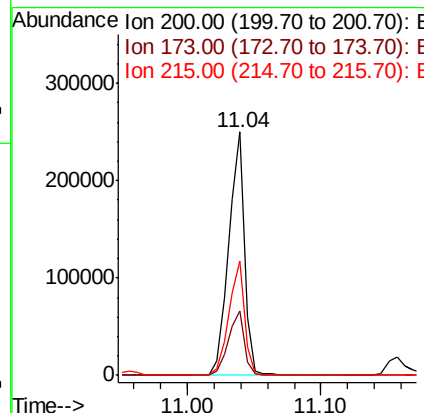
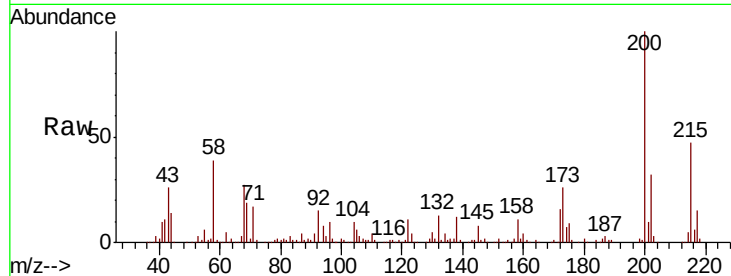




#69
 Atrazine
 Concen: 34.249 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

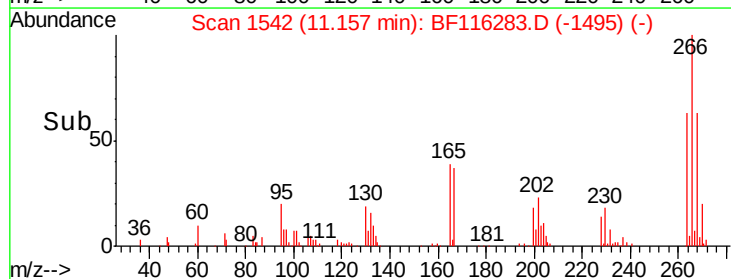
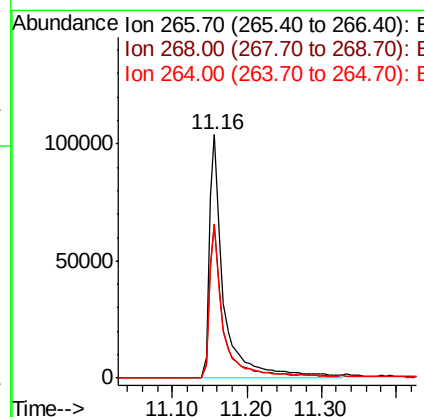
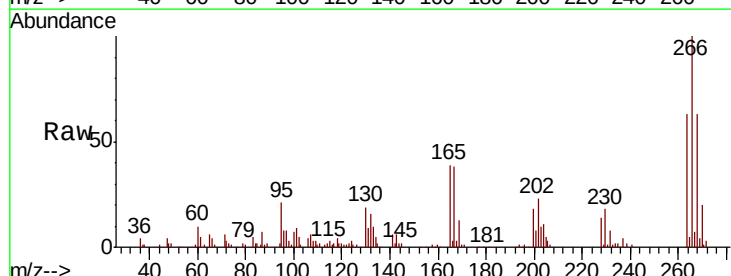
Instrument :
 BNA_F
 ClientSampleId :

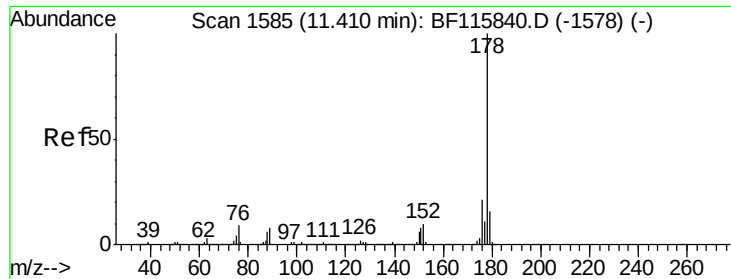
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.8	46.8
215	46.8	27.5	67.5



#70
 Pentachlorophenol
 Concen: 38.047 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.02 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	48.8	73.2
264	63.4	50.6	76.0

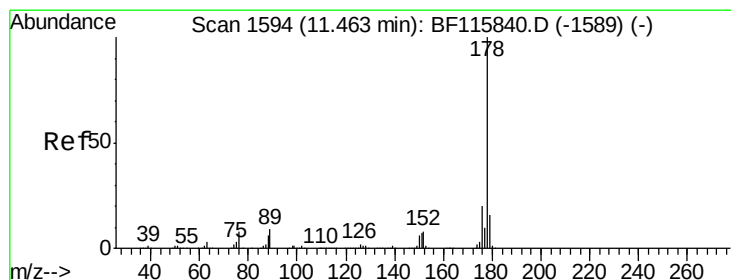
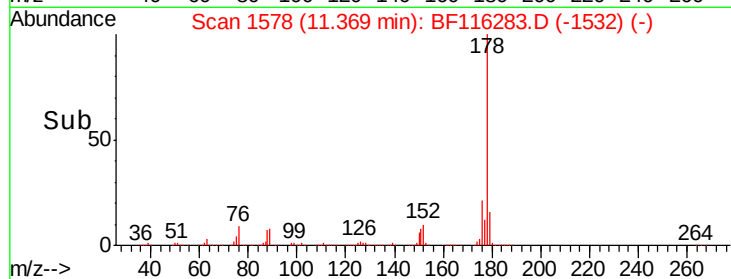
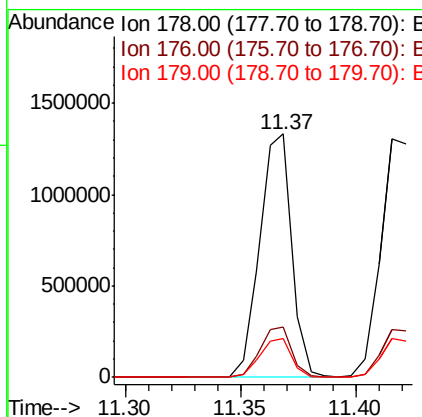
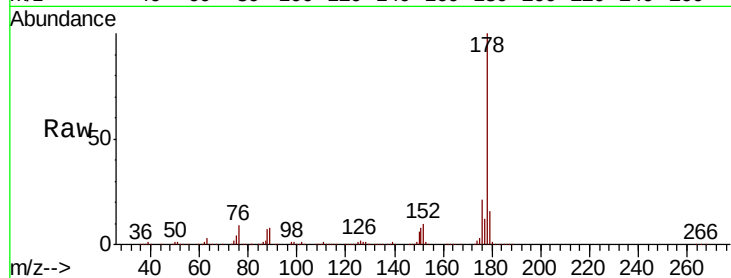




#71
Phenanthrene
Concen: 40.489 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

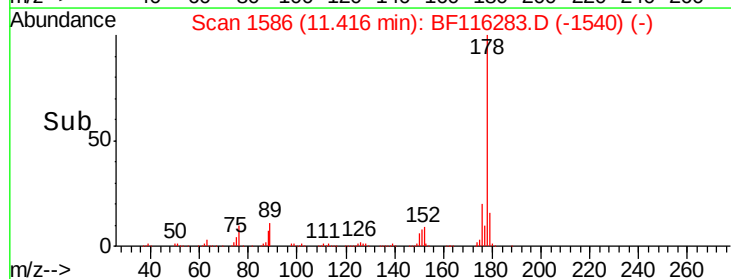
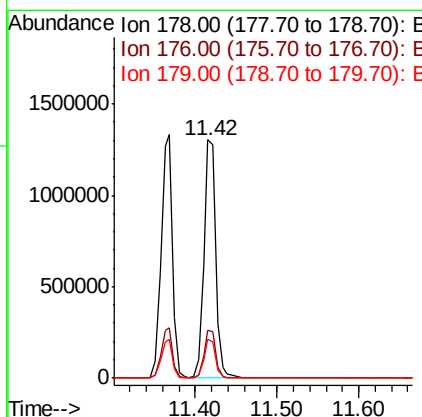
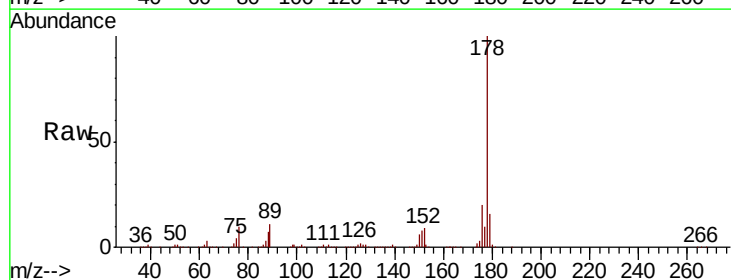
Instrument :
BNA_F
ClientSampleId :

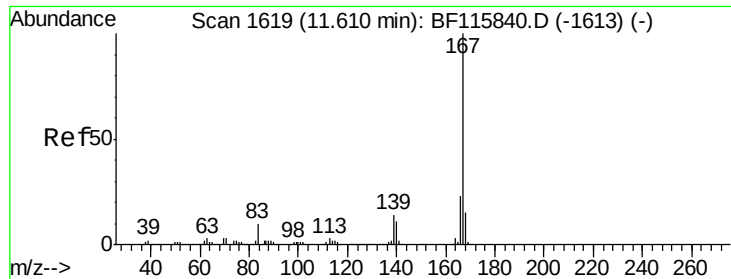
Tot Ion:178 Resp: 1287609
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 15.7 12.5 18.7



#72
Anthracene
Concen: 41.001 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:178 Resp: 1319599
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 16.2 13.0 19.6





#73

Carbazole

Concen: 42.596 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

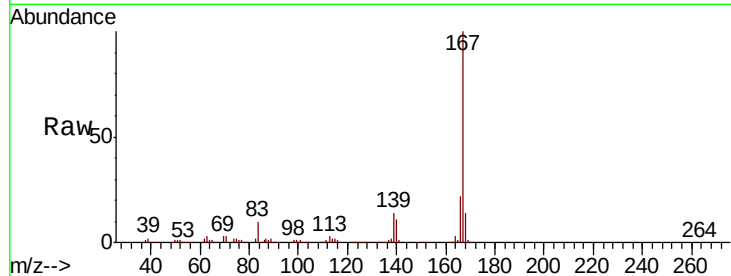
Tot Ion:167 Resp: 1243766

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

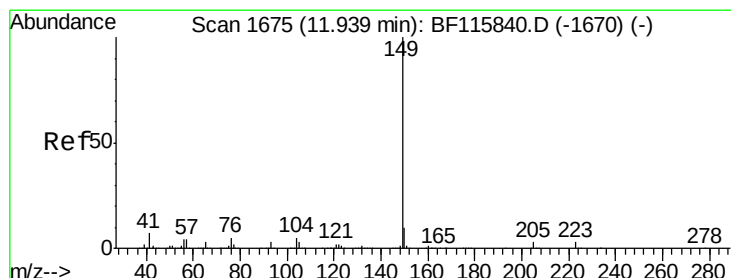
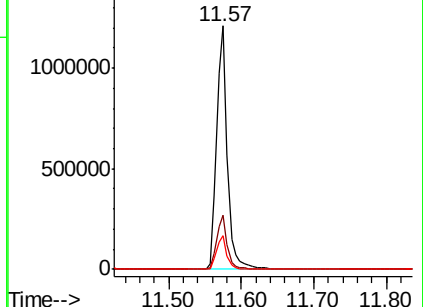
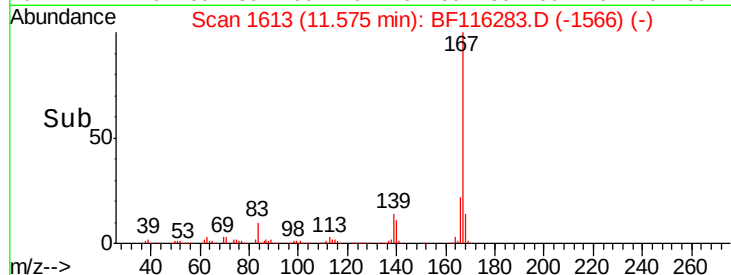
139 14.0 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.573 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

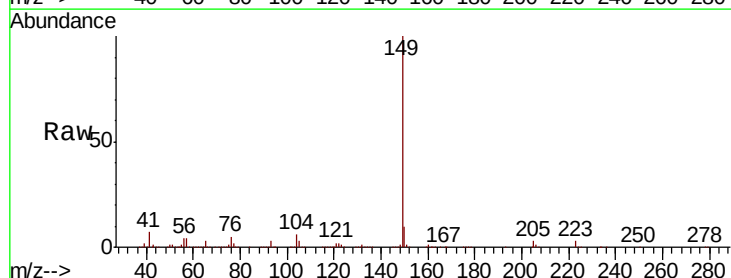
Tgt Ion:149 Resp: 1450125

Ion Ratio Lower Upper

149 100

150 9.7 8.0 12.0

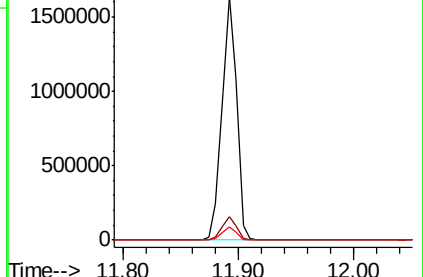
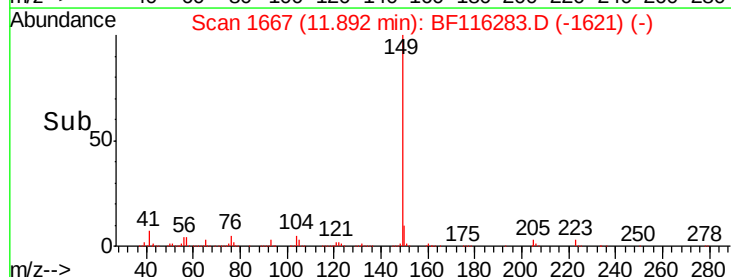
104 5.5 4.5 6.7

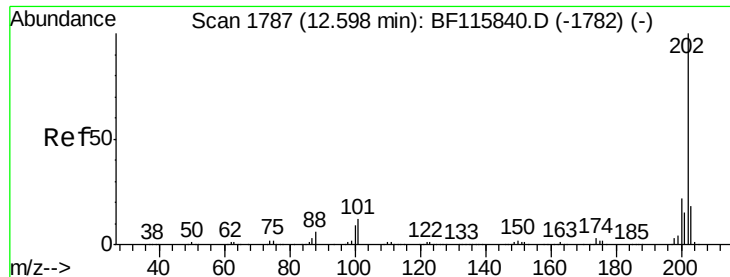


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

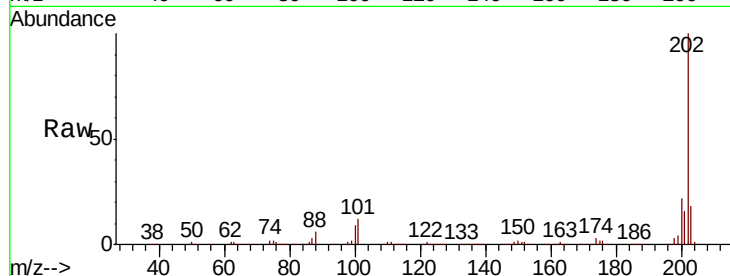




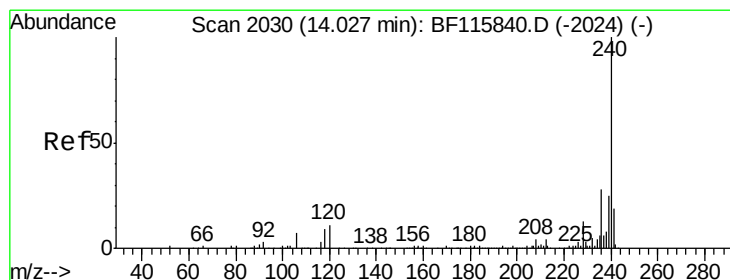
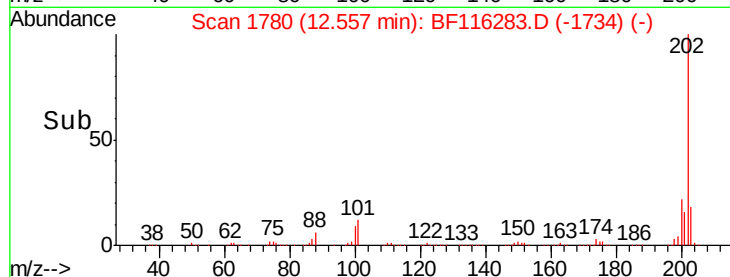
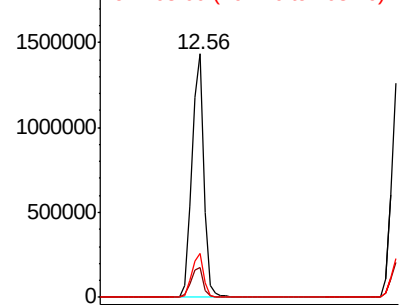
#75
Fluoranthene
Concen: 40.977 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1364250
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.2
203 17.9 0.0 37.8

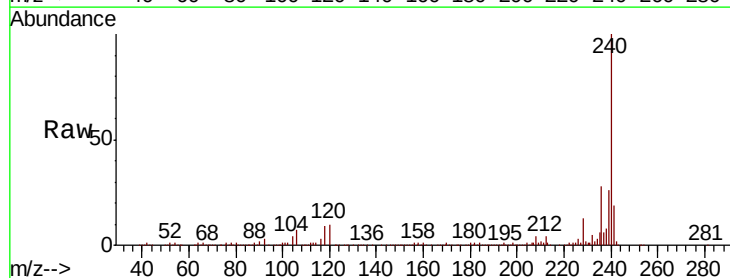


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

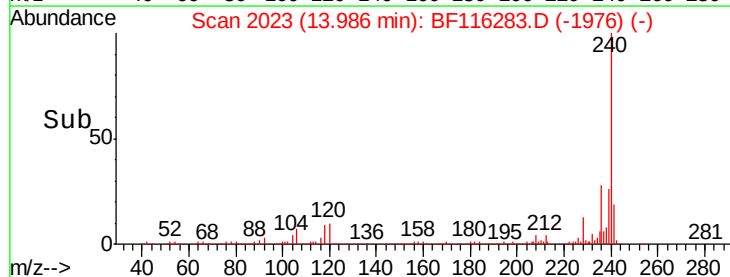
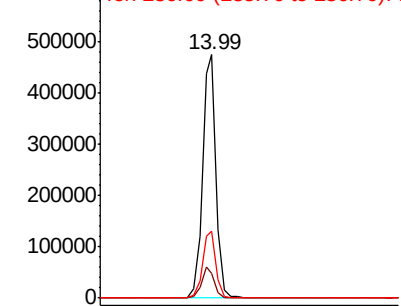


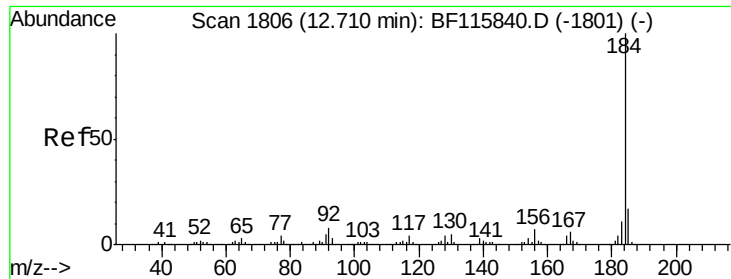
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:240 Resp: 428806
Ion Ratio Lower Upper
240 100
120 10.4 10.7 16.1#
236 27.7 22.2 33.2



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





#77

Benzidine

Concen: 38.260 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

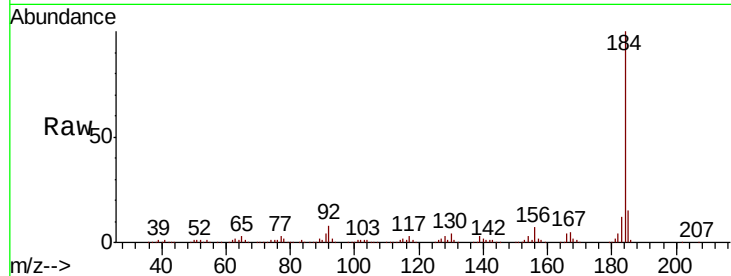
Tot Ion:184 Resp: 554268

Ion Ratio Lower Upper

184 100

185 15.0 12.8 19.2

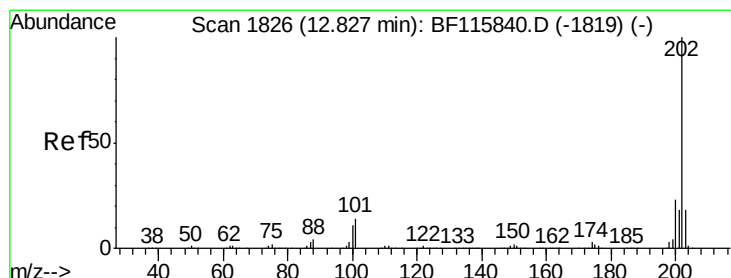
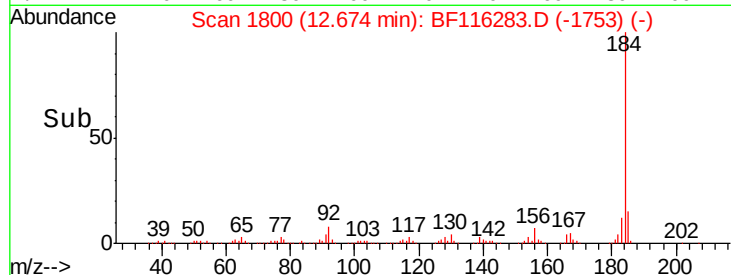
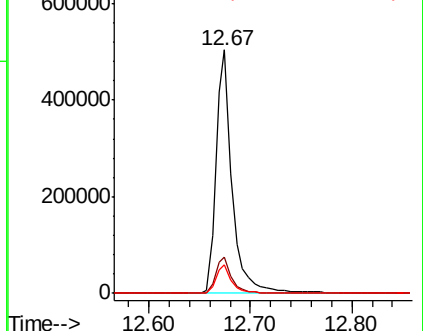
183 11.7 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.063 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

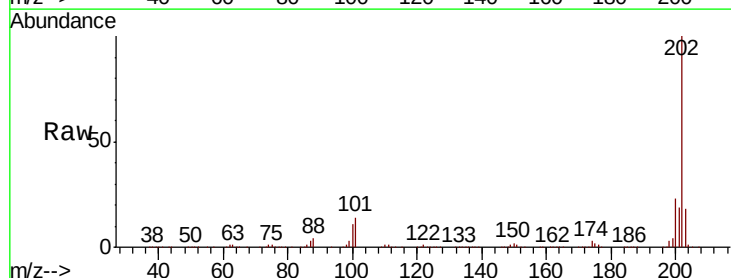
Tgt Ion:202 Resp: 1359636

Ion Ratio Lower Upper

202 100

200 22.8 18.0 27.0

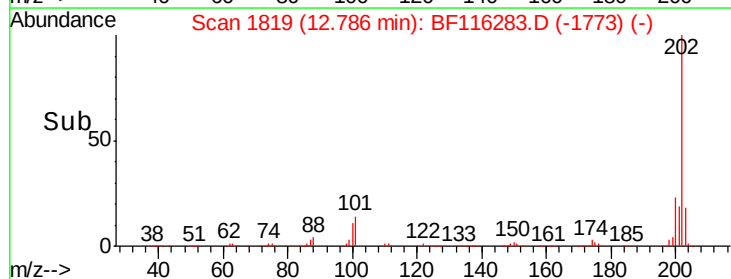
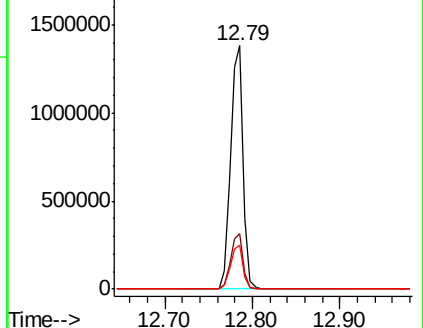
203 17.9 14.1 21.1

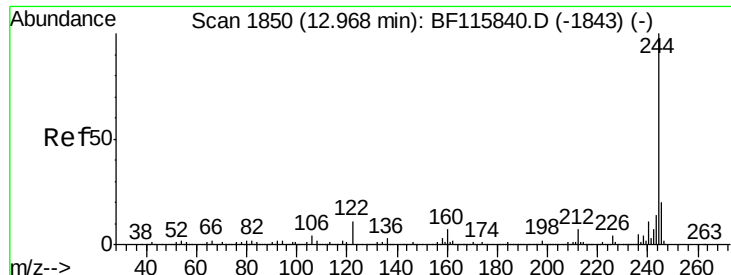


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

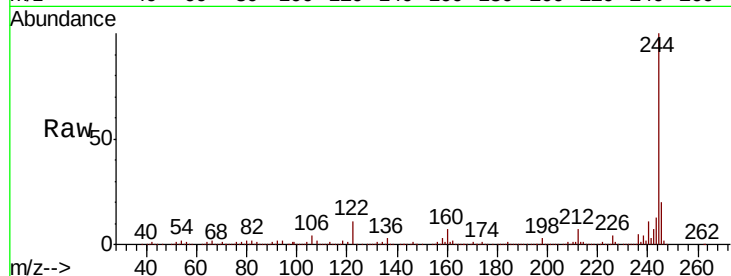




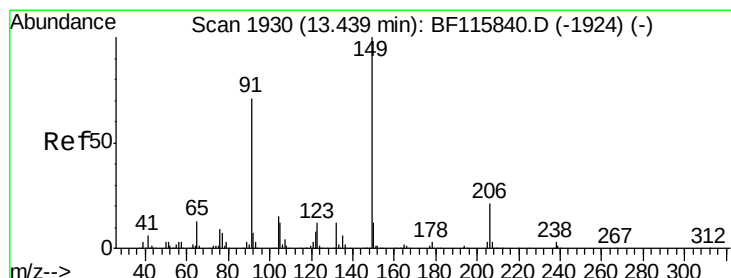
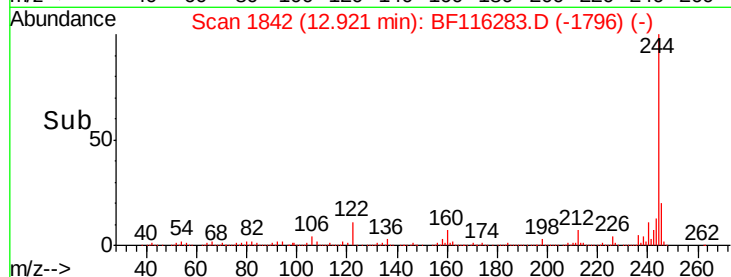
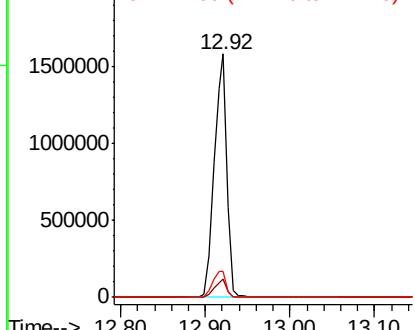
#79
 Terphenyl-d14
 Concen: 83.064 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1690352
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.6 9.0 13.4

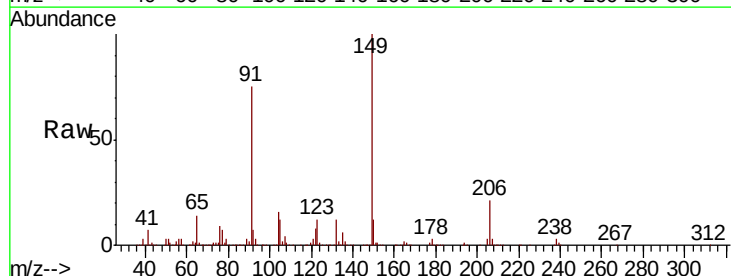


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

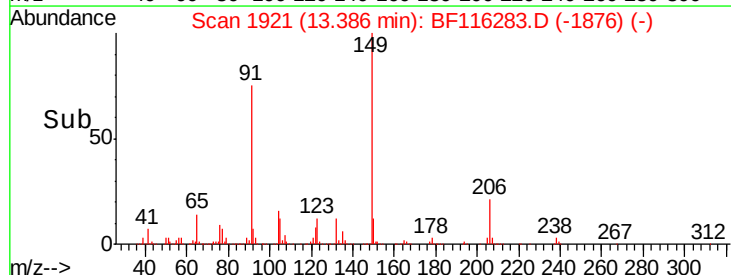
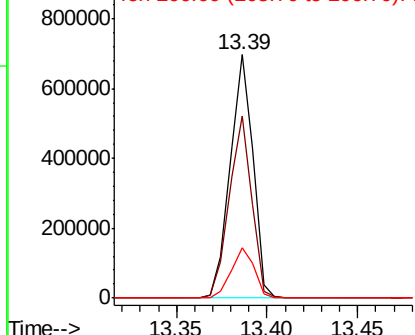


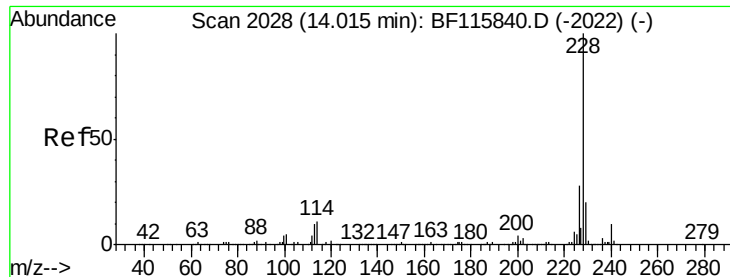
#80
 Butylbenzylphthalate
 Concen: 44.830 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion:149 Resp: 612976
 Ion Ratio Lower Upper
 149 100
 91 74.8 56.3 84.5
 206 20.7 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

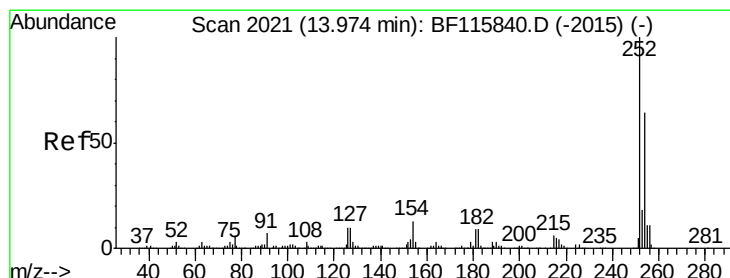
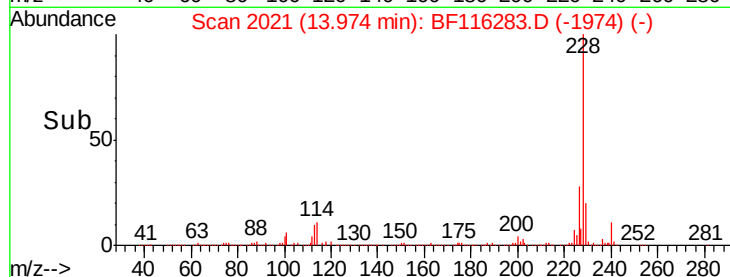
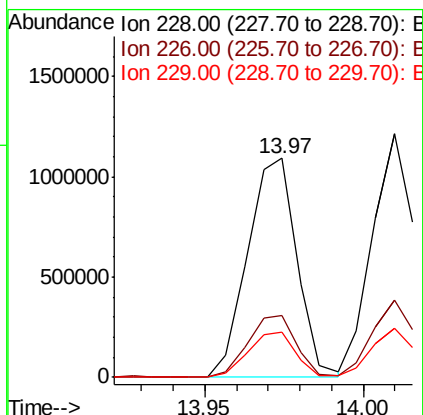
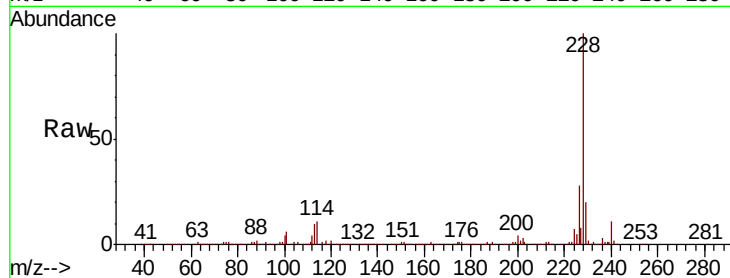




#81
Benzo(a)anthracene
Concen: 43.011 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

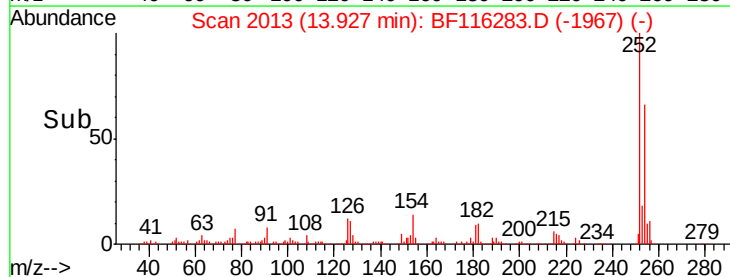
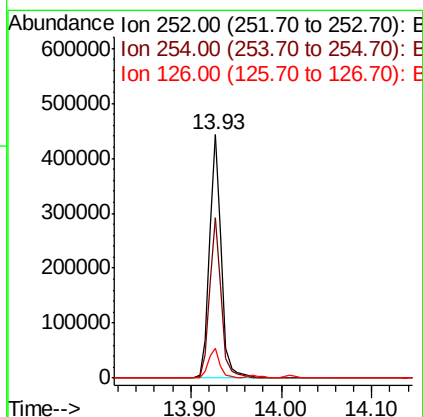
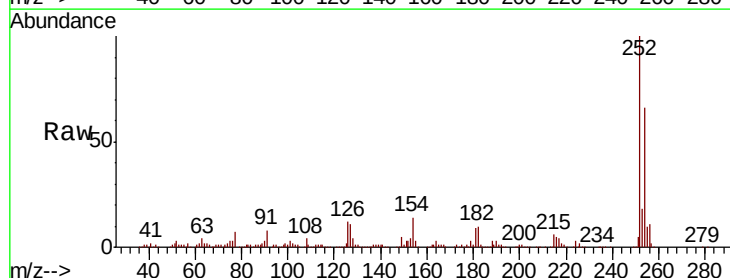
Instrument :
BNA_F
ClientSampleId :

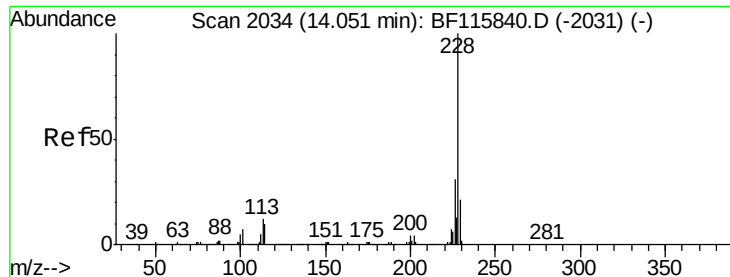
Tot Ion:228 Resp: 1178839
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.4 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 43.198 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.03 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:252 Resp: 411328
Ion Ratio Lower Upper
252 100
254 65.7 50.9 76.3
126 12.1 9.8 14.8





#83

Chrysene

Concen: 42.479 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Instrument :

BNA_F

ClientSampleId :

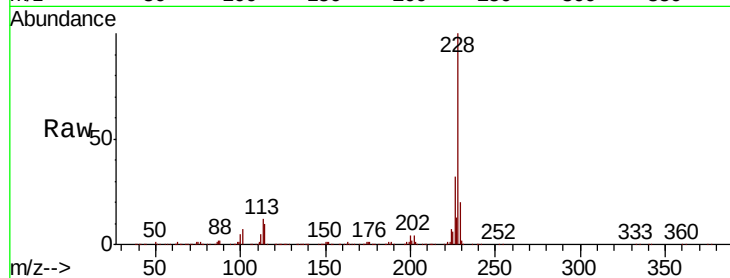
Tot Ion:228 Resp: 1130306

Ion Ratio Lower Upper

228 100

226 31.6 25.5 38.3

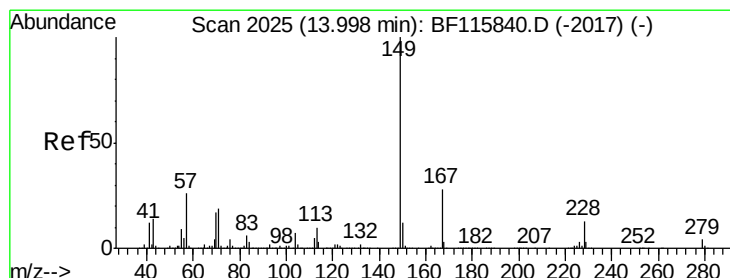
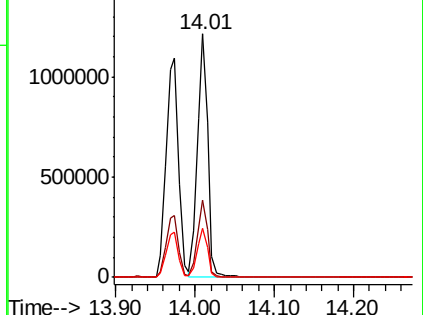
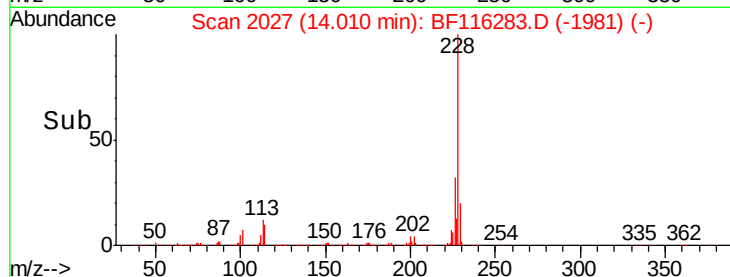
229 20.3 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.138 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.03 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

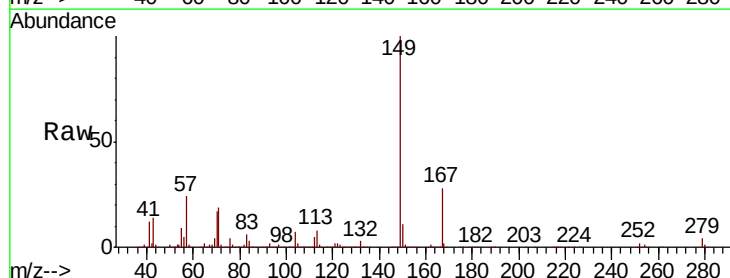
Tgt Ion:149 Resp: 819784

Ion Ratio Lower Upper

149 100

167 28.2 21.6 32.4

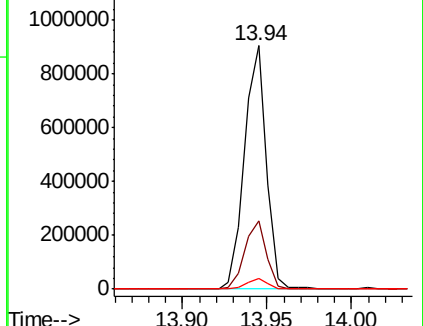
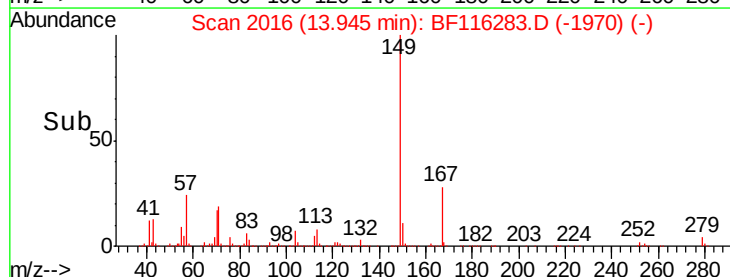
279 4.3 3.0 4.4

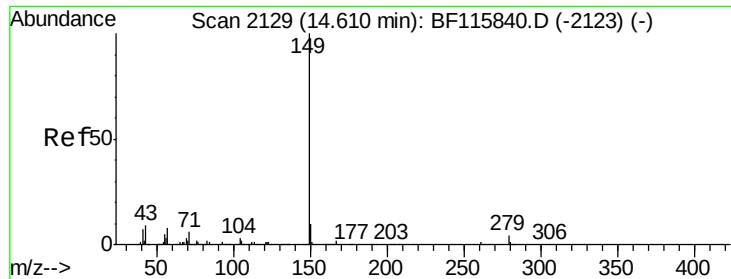


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

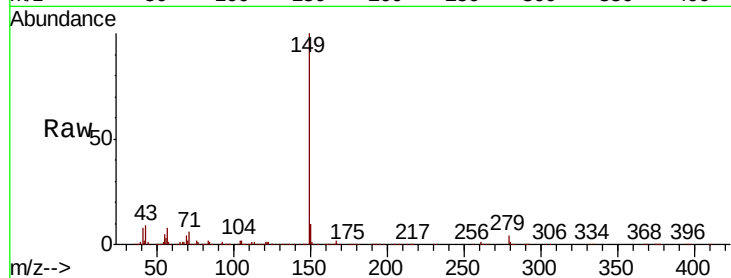




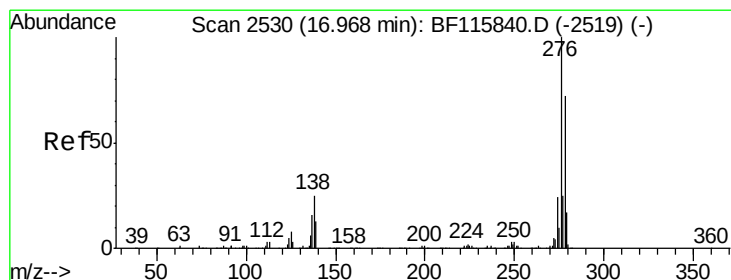
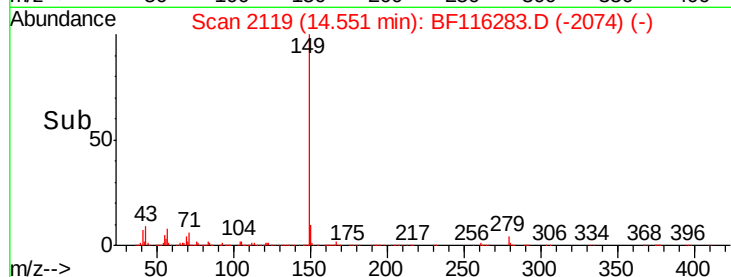
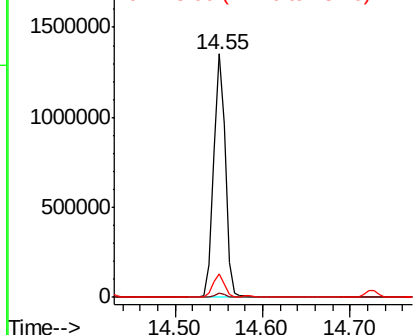
#85
 Di-n-octyl phthalate
 Concen: 44.755 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.04 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1263095
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 9.3 7.5 11.3

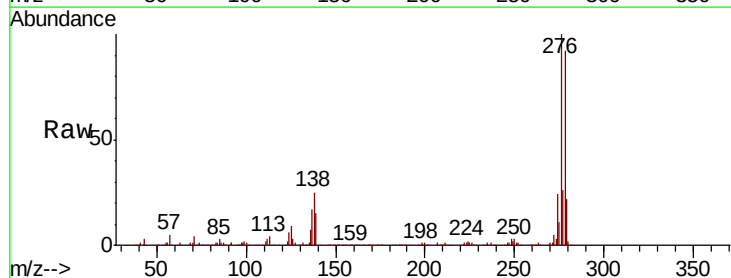


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

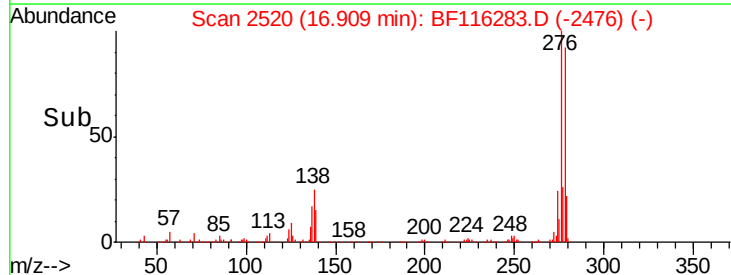
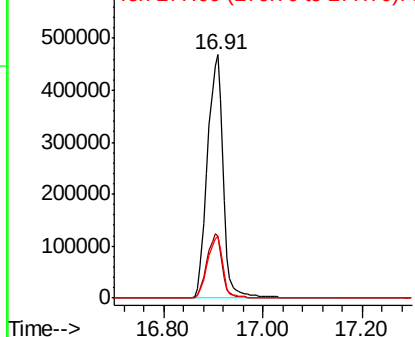


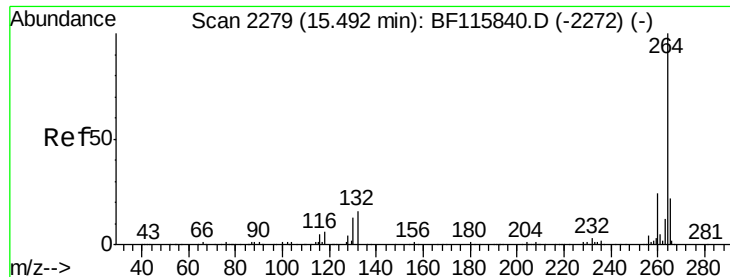
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 46.422 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.04 min
 Lab File: BF116283.D
 Acq: 15 Aug 2019 17:33

Tgt Ion:276 Resp: 1037468
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.4 30.6
 277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



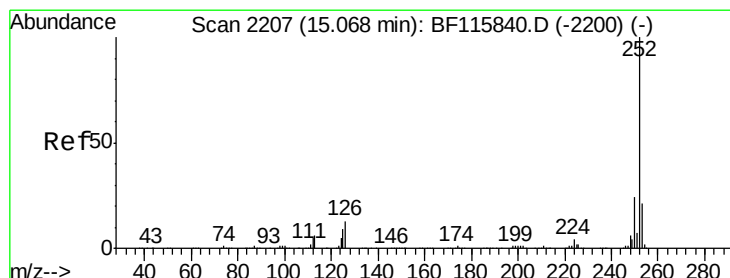
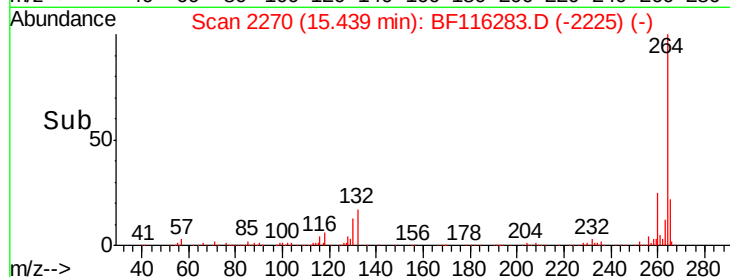
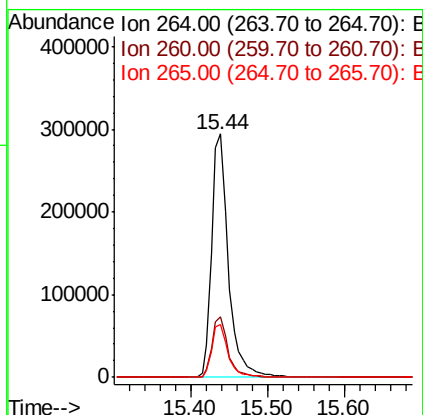
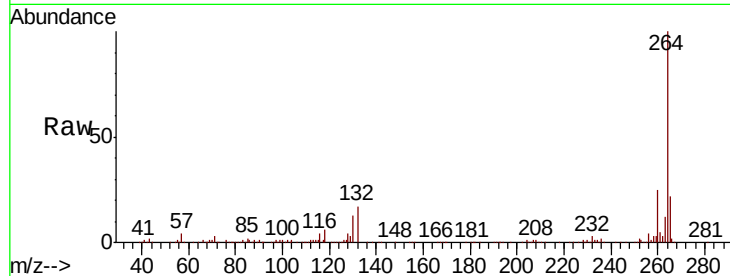


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 434127

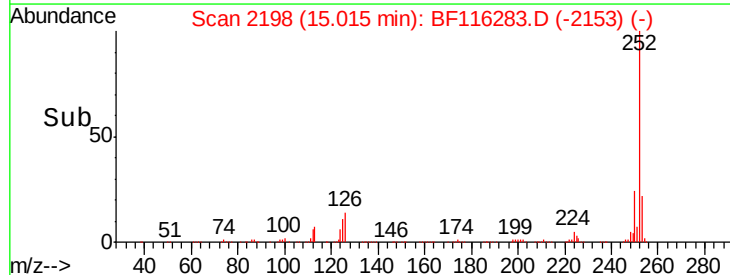
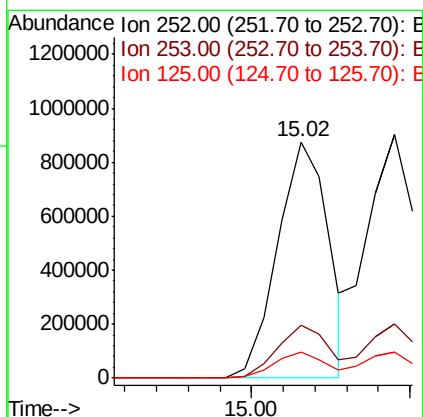
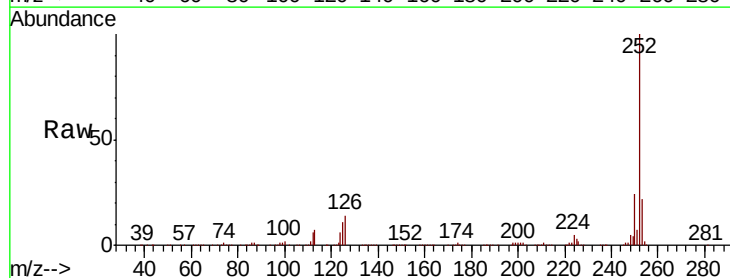
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.0	17.4	26.0

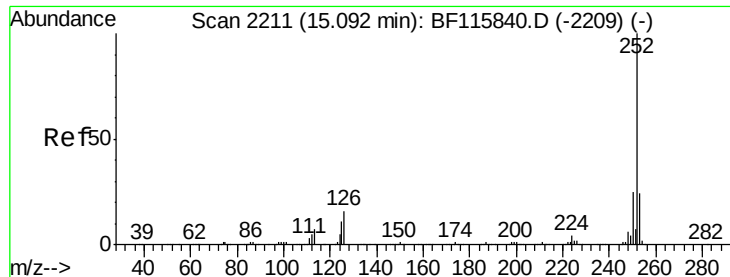


#88
Benzo(b)fluoranthene
Concen: 39.150 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:252 Resp: 982723

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.0	8.4	12.6

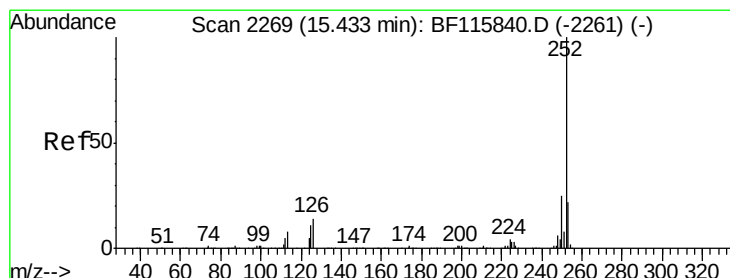
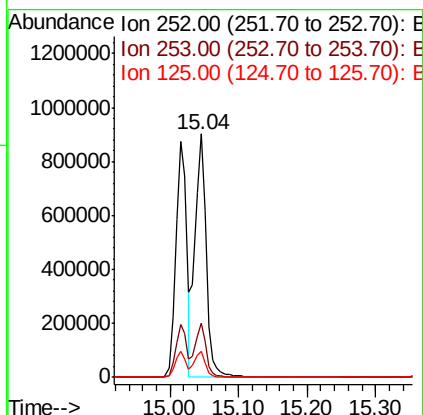
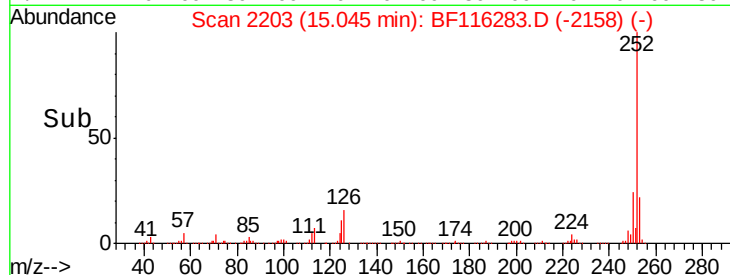
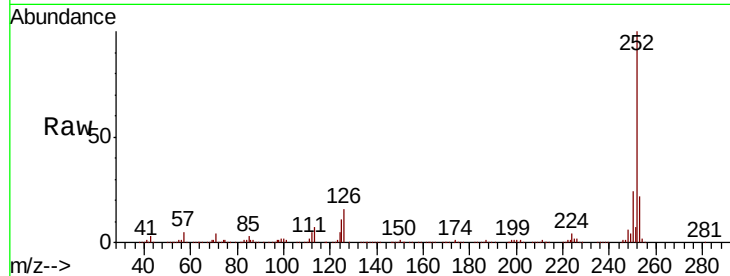




#89
Benzo(k)fluoranthene
Concen: 41.991 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

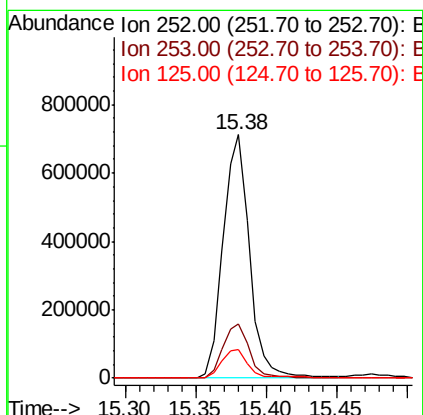
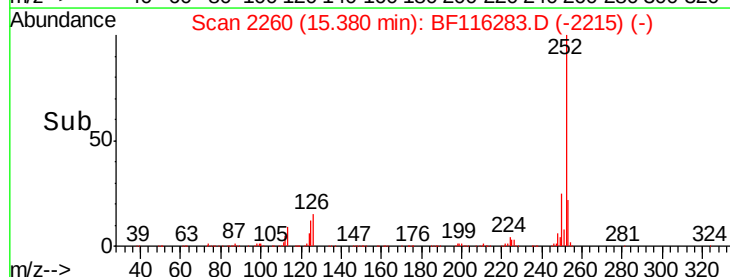
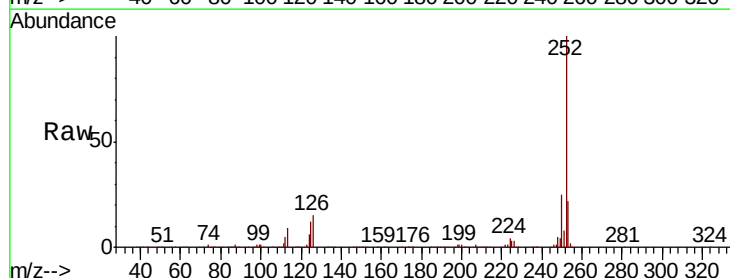
Instrument :
BNA_F
ClientSampleId :

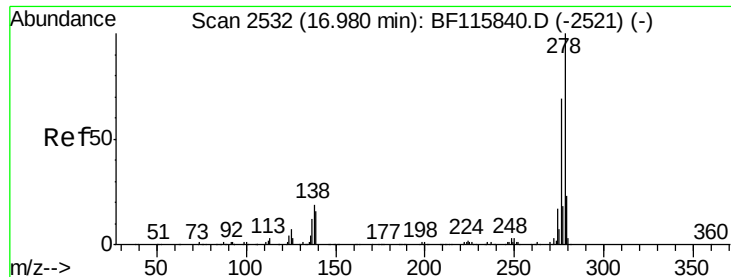
Tot Ion:252 Resp: 1026662
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.348 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116283.D
Acq: 15 Aug 2019 17:33

Tgt Ion:252 Resp: 927808
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.6 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 44.015 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.05 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

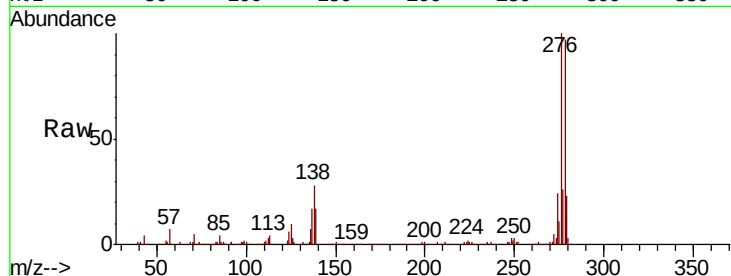
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 854928

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.8	19.2
279	23.6	18.8	28.2

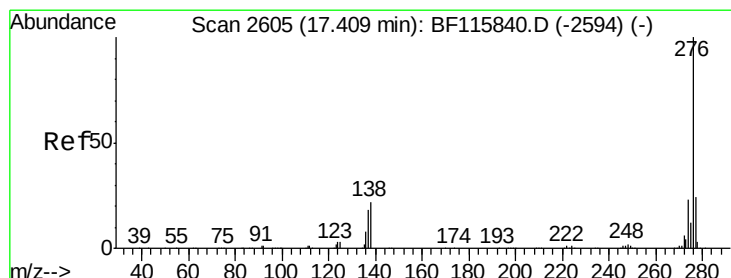
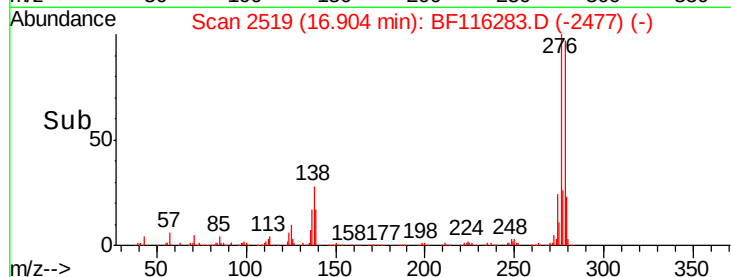
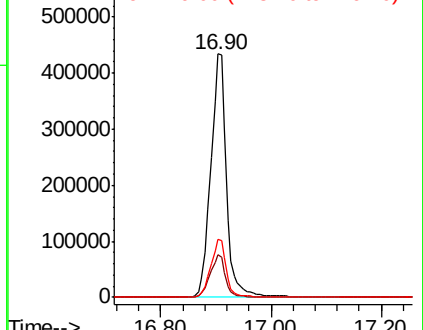


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.036 ng

RT: 17.34 min Scan# 2593

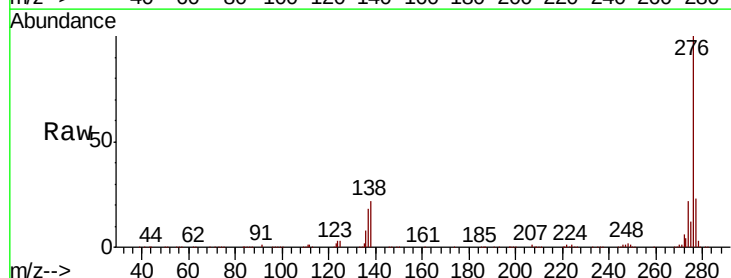
Delta R.T. -0.05 min

Lab File: BF116283.D

Acq: 15 Aug 2019 17:33

Tgt Ion:276 Resp: 859095

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	22.1	17.0	25.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

