

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116927.D
 Acq On : 10 Sep 2019 18:00
 Operator : HP/JU
 Sample : K4656-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 01:00:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	81217	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	313160	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	162705	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	269856	20.00	ng	0.00
76) Chrysene-d12	13.99	240	171352	20.00	ng	0.00
87) Perylene-d12	15.43	264	153650	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	574616	114.62	ng	0.02
7) Phenol-d6	6.47	99	721547	109.61	ng	0.00
23) Nitrobenzene-d5	7.40	82	535560	97.63	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	189664	174.37	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	923289	95.72	ng	0.00
79) Terphenyl-d14	12.93	244	937456	101.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	78404	33.879	ng	# 83
3) Pyridine	3.45	79	121151	18.081	ng	93
4) n-Nitrosodimethylamine	3.35	42	86667	37.666	ng	90
6) Aniline	6.50	93	79027	8.668	ng	# 66
8) 2-Chlorophenol	6.63	128	246640	45.068	ng	98
9) Benzaldehyde	6.38	77	19732	4.550	ng	95
10) Phenol	6.49	94	277210	38.029	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	241208	42.497	ng	98
12) 1,3-Dichlorobenzene	6.78	146	243580	39.381	ng	97
13) 1,4-Dichlorobenzene	6.85	146	255667	41.519	ng	99
14) 1,2-Dichlorobenzene	7.01	146	236438	41.432	ng	98
15) Benzyl Alcohol	6.98	79	235633	44.097	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	229425	34.452	ng	86
17) 2-Methylphenol	7.09	107	204326	42.650	ng	97
18) Hexachloroethane	7.35	117	96695	40.417	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	182147	42.024	ng	91
20) 3+4-Methylphenols	7.25	107	252833	45.390	ng	# 71
22) Acetophenone	7.25	105	373228	49.504	ng	# 95
24) Nitrobenzene	7.42	77	294308	52.752	ng	97
25) Isophorone	7.66	82	512778	46.131	ng	99
26) 2-Nitrophenol	7.73	139	131208	63.257	ng	93
27) 2,4-Dimethylphenol	7.77	122	219093	52.301	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	307025	45.199	ng	99
29) 2,4-Dichlorophenol	7.97	162	209234	51.973	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	201545	46.157	ng	97
31) Naphthalene	8.14	128	724252	48.637	ng	100
32) Benzoic acid	7.87	122	60369	25.523	ng	99
33) 4-Chloroaniline	8.19	127	46992	6.933	ng	95
34) Hexachlorobutadiene	8.26	225	110245	46.305	ng	97
35) Caprolactam	8.59	113	28370	18.830	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	249347	53.889	ng	99
37) 2-Methylnaphthalene	8.83	142	493380	49.797	ng	98
38) 1-Methylnaphthalene	8.93	142	459593	49.139	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	189847	48.674	ng	# 97

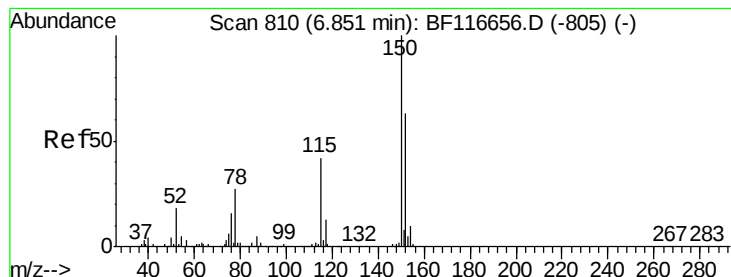
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116927.D
 Acq On : 10 Sep 2019 18:00
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	193755	86.025	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	138689	51.872	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	153147	55.173	nq	97
46) 1,1'-Biphenyl	9.29	154	583650	47.274	nq	99
47) 2-Chloronaphthalene	9.32	162	461892	47.234	nq	98
48) 2-Nitroaniline	9.41	65	148837	52.648	nq	97
49) Acenaphthylene	9.73	152	733687	49.635	nq	99
50) Dimethylphthalate	9.59	163	594427	52.917	nq	98
51) 2,6-Dinitrotoluene	9.65	165	123778	57.754	nq	97
52) Acenaphthene	9.90	154	428678	47.199	nq	99
53) 3-Nitroaniline	9.82	138	65660	24.447	nq	97
54) 2,4-Dinitrophenol	9.93	184	76326	98.066	nq	94
55) Dibenzofuran	10.07	168	648746	50.669	nq	97
56) 4-Nitrophenol	9.99	139	185483	100.717	nq	96
57) 2,4-Dinitrotoluene	10.06	165	168742	64.390	nq	97
58) Fluorene	10.42	166	521794	53.485	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	117204	58.506	nq	94
60) Diethylphthalate	10.29	149	564284	50.149	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	221857	51.932	nq	97
62) 4-Nitroaniline	10.43	138	131816	50.571	nq	96
63) Azobenzene	10.57	77	575024	49.010	nq	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	58788	57.420	nq	89
66) n-Nitrosodiphenylamine	10.53	169	462536	49.547	nq	97
67) 4-Bromophenyl-phenylether	10.90	248	132838	48.457	nq	95
68) Hexachlorobenzene	10.97	284	137948	48.096	nq	97
69) Atrazine	11.05	200	98759	37.773	nq	97
70) Pentachlorophenol	11.16	266	158985	114.586	nq	100
71) Phenanthrene	11.38	178	748570	49.832	nq	99
72) Anthracene	11.43	178	766667	50.700	nq	100
73) Carbazole	11.58	167	722660	50.170	nq	99
74) Di-n-butylphthalate	11.91	149	878310	47.564	nq	99
75) Fluoranthene	12.56	202	743789	50.383	nq	98
78) Pyrene	12.79	202	751354	49.327	nq	99
80) Butylbenzylphthalate	13.40	149	373660	50.445	nq	98
81) Benzo(a)anthracene	13.97	228	560079	51.645	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	59287	16.177	nq	97
83) Chrysene	14.02	228	550693	49.289	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	504641	55.190	nq	99
85) Di-n-octyl phthalate	14.57	149	797685	53.309	nq	# 95
86) Indeno(1,2,3-cd)pyrene	16.89	276	477295	53.185	nq	98
88) Benzo(b)fluoranthene	15.02	252	489701	52.716	nq	98
89) Benzo(k)fluoranthene	15.04	252	409213	48.314	nq	99
90) Benzo(a)pyrene	15.38	252	422235	52.244	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	399598	56.487	nq	99
92) Benzo(g,h,i)perylene	17.32	276	406002	56.274	nq	96

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

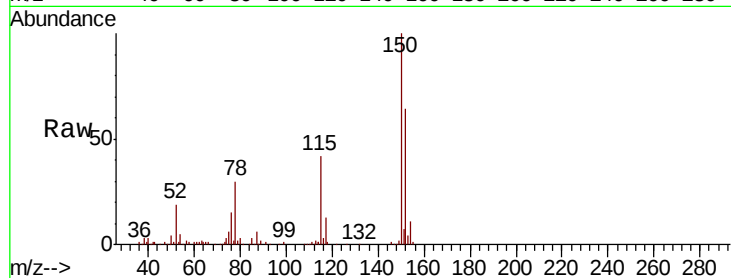


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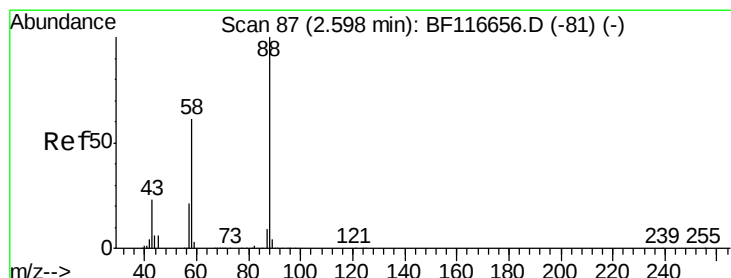
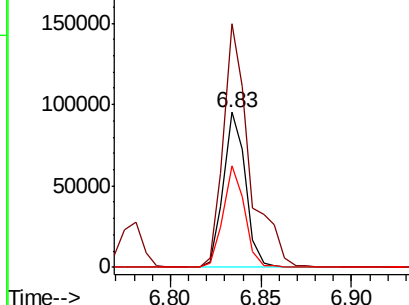
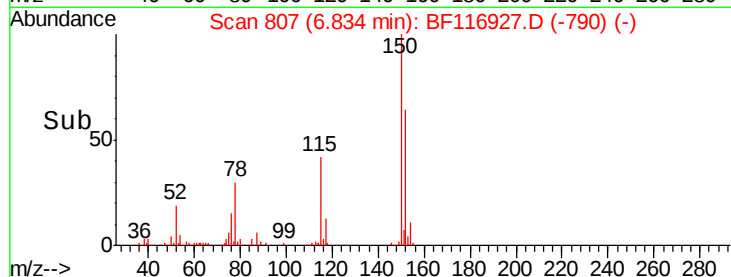
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.4	186.6
115	65.3	49.9	74.9



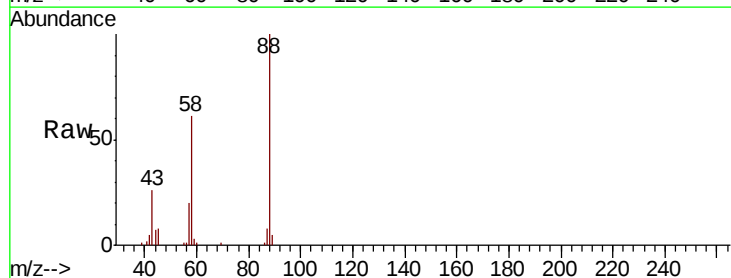
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



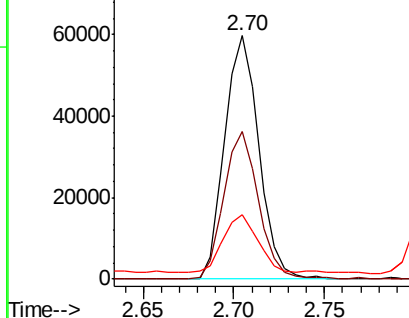
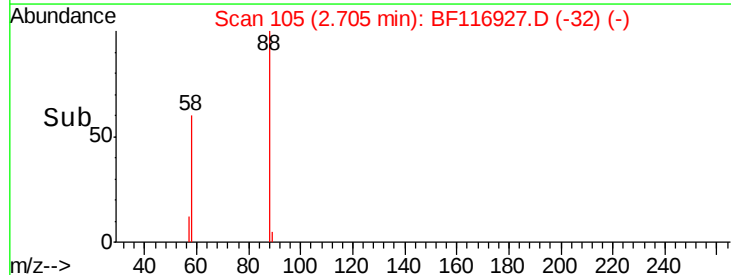
#2

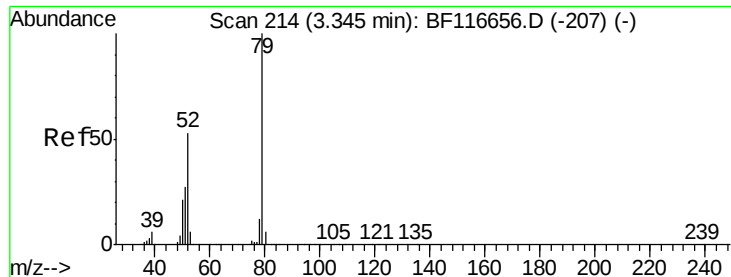
1,4-Dioxane
Concen: 33.879 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.13 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.5	51.7	77.5
43	0.0	19.8	29.8



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: 18.081 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.13 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

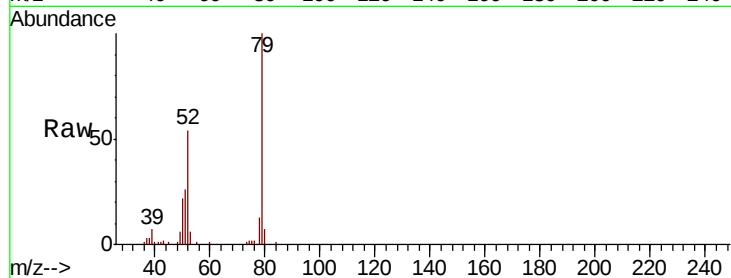
Tot Ion: 79 Resp: 121151

Ion Ratio Lower Upper

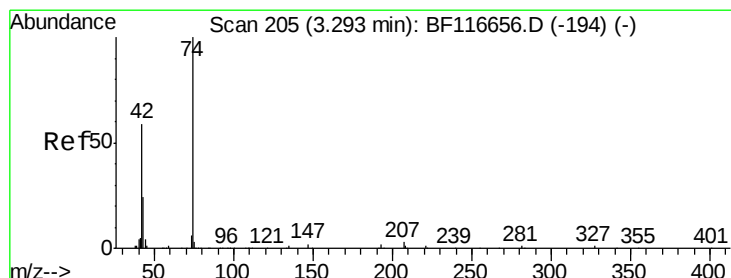
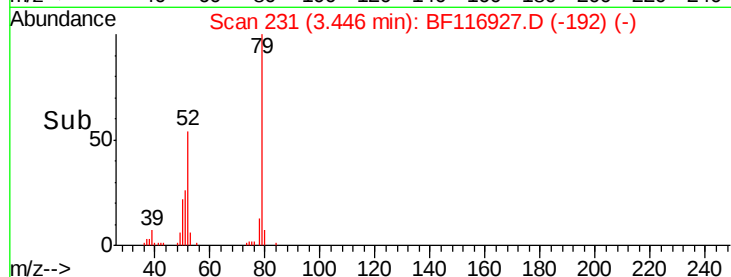
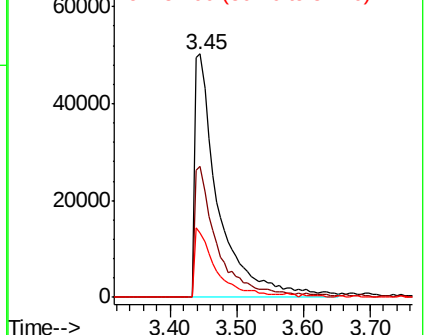
79 100

52 53.7 47.4 71.0

51 26.3 24.1 36.1



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: 37.666 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

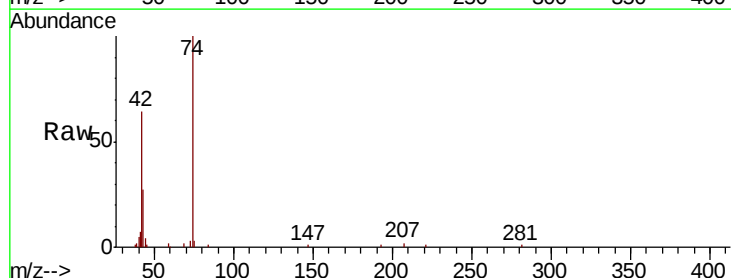
Tgt Ion: 42 Resp: 86667

Ion Ratio Lower Upper

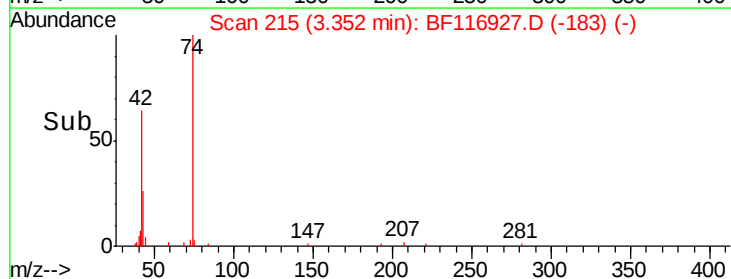
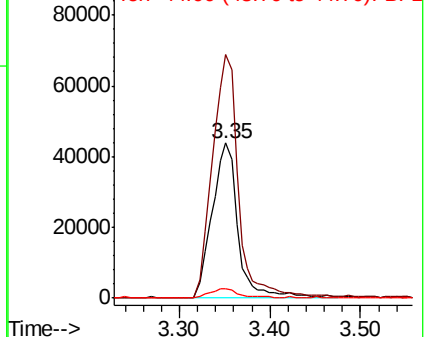
42 100

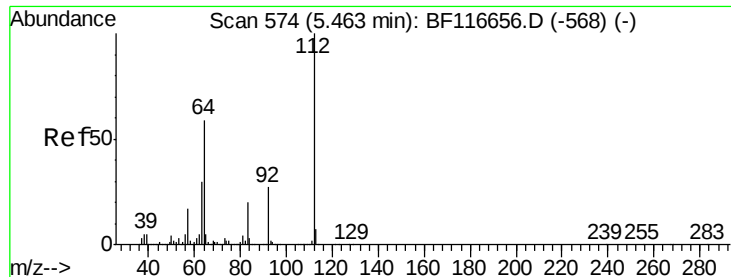
74 156.9 115.6 173.4

44 6.3 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: 114.620 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF116927.D

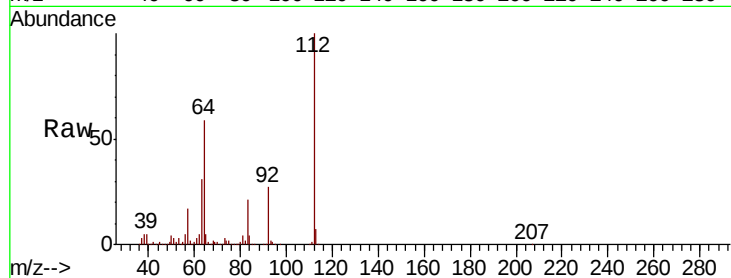
Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

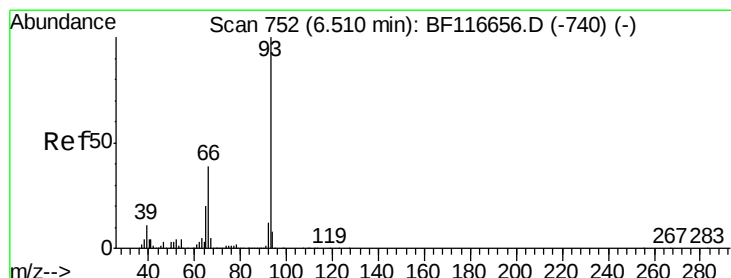
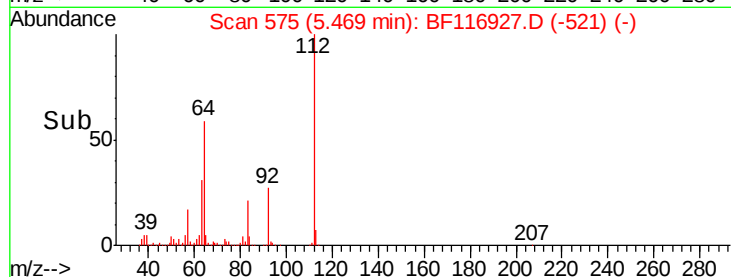
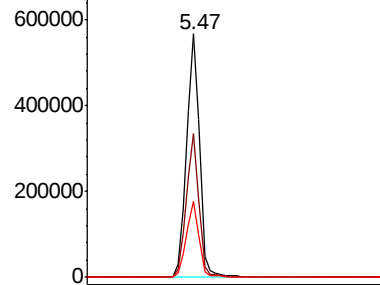
Tot Ion:	112	Resp:	574616
Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.1	70.7
63	31.2	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.668 ng

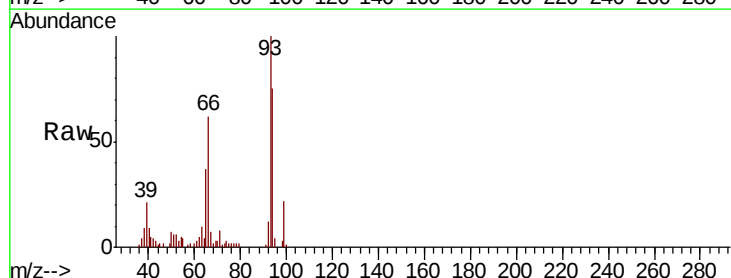
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

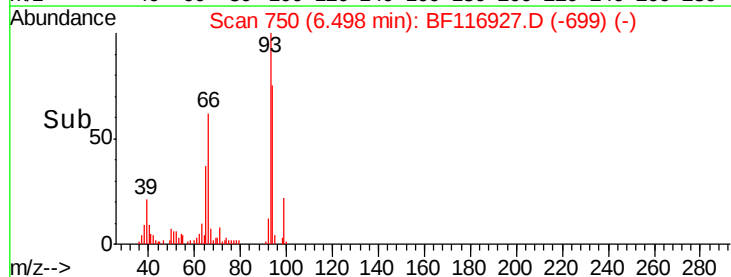
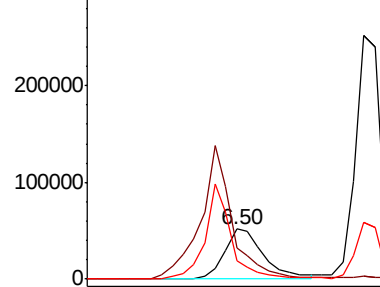
Tgt Ion:	93	Resp:	79027
Ion	Ratio	Lower	Upper
93	100		
66	61.8	32.7	49.1#
65	36.6	16.3	24.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.609 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

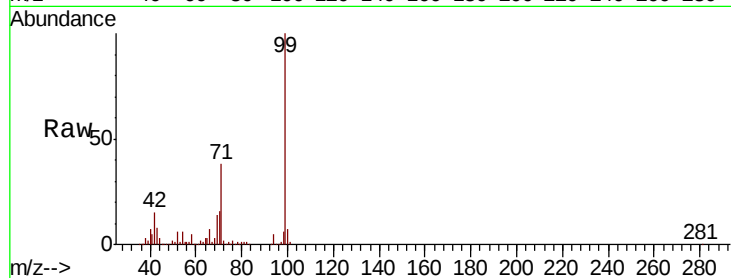
Tot Ion: 99 Resp: 721547

Ion Ratio Lower Upper

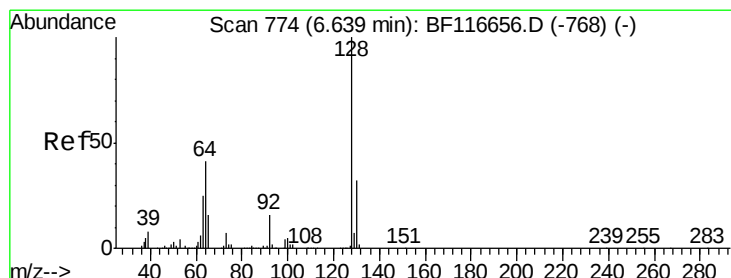
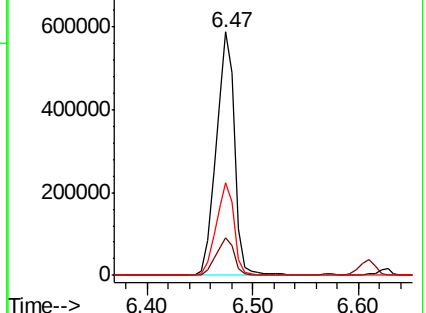
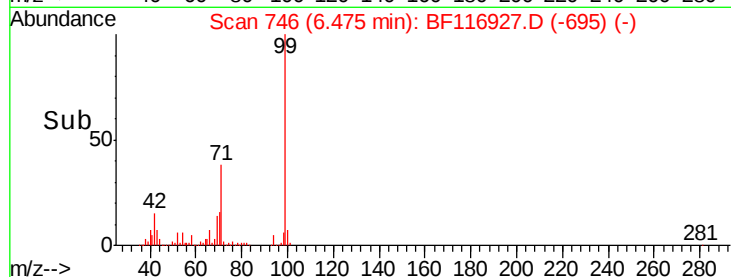
99 100

42 15.5 13.7 20.5

71 38.3 30.8 46.2



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: 45.068 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

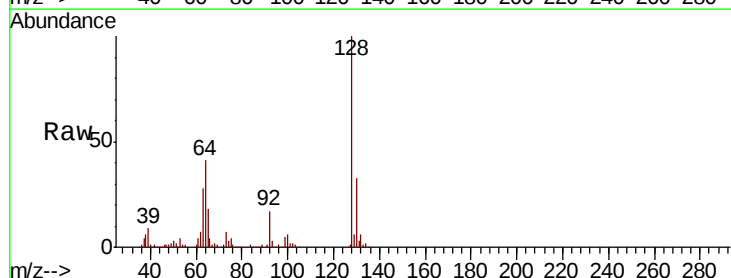
Tgt Ion: 128 Resp: 246640

Ion Ratio Lower Upper

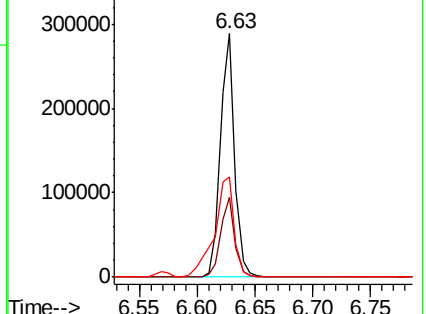
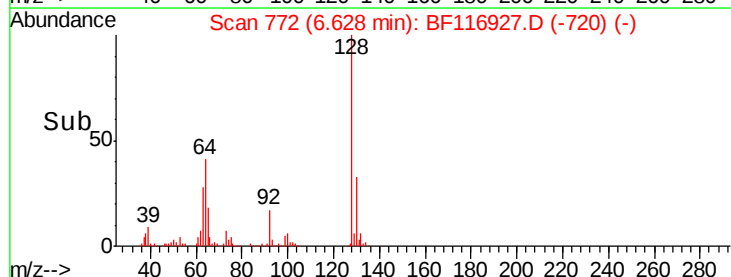
128 100

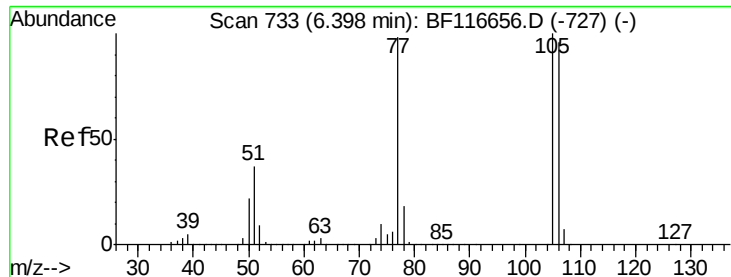
130 32.9 12.3 52.3

64 41.3 22.5 62.5



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: 4.550 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

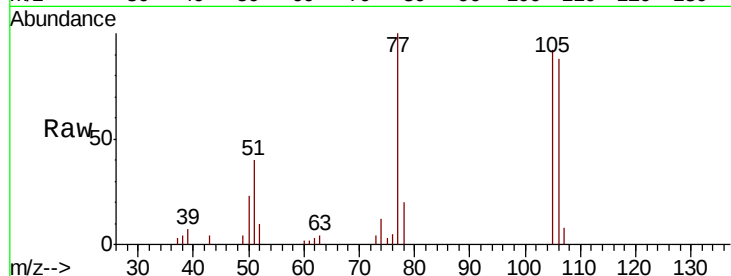
Tot Ion: 77 Resp: 19732

Ion Ratio Lower Upper

77 100

105 91.6 76.7 116.7

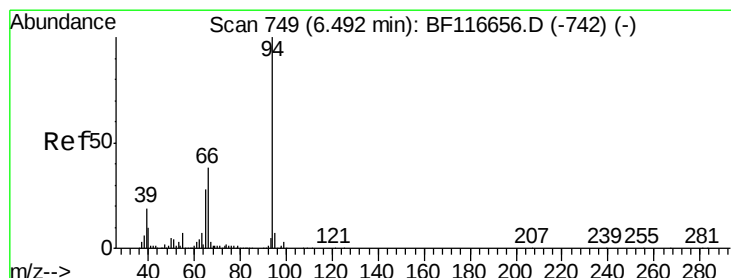
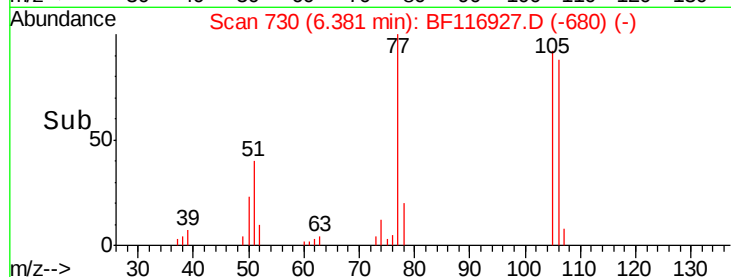
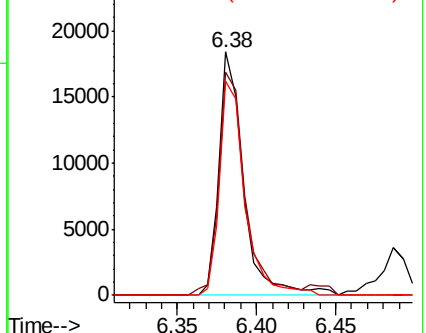
106 88.1 73.1 113.1



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: 38.029 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

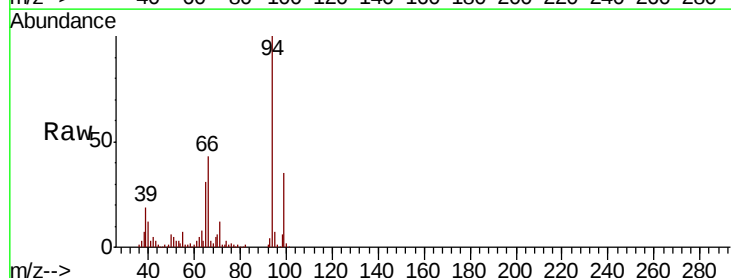
Tgt Ion: 94 Resp: 277210

Ion Ratio Lower Upper

94 100

65 30.6 10.8 50.8

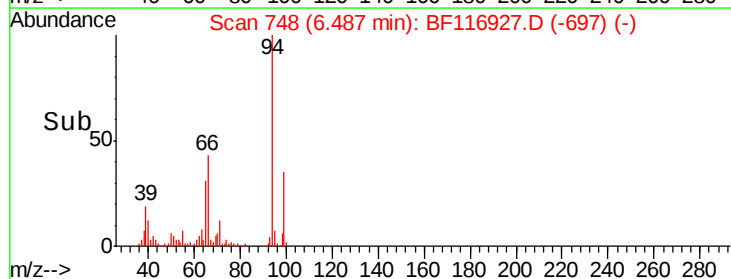
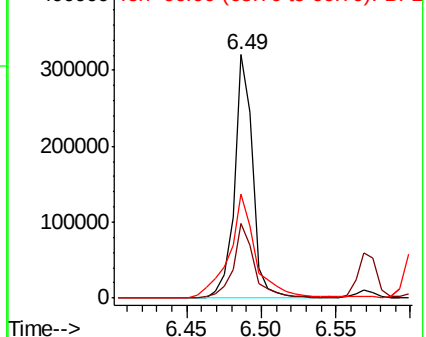
66 42.9 21.1 61.1



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

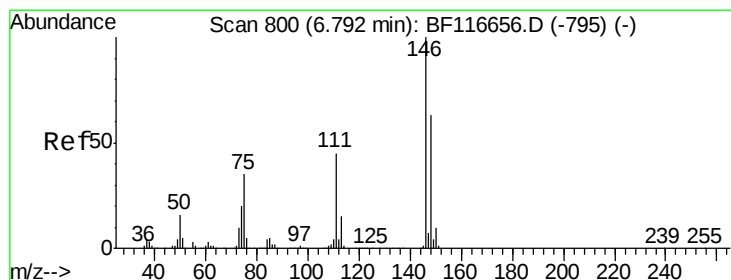
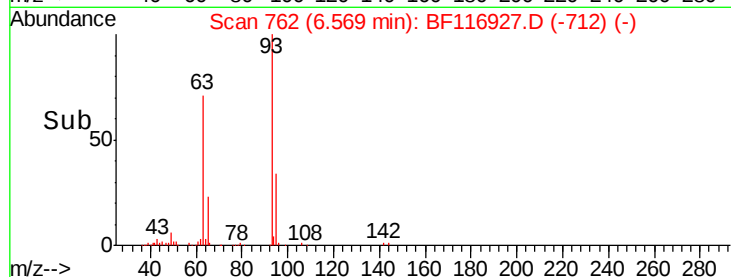
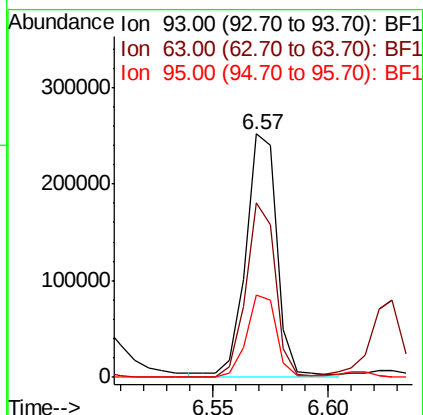
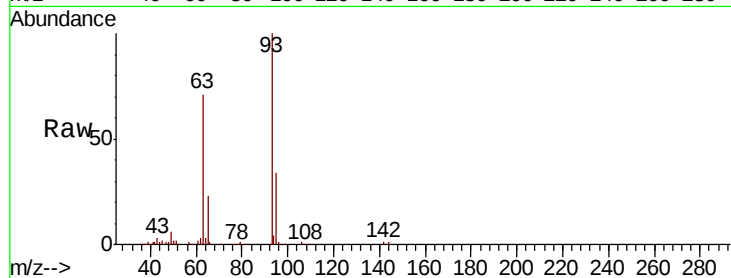




#11
bis(2-Chloroethyl)ether
Concen: 42.497 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

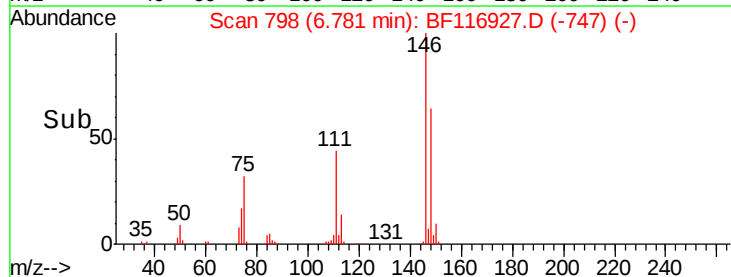
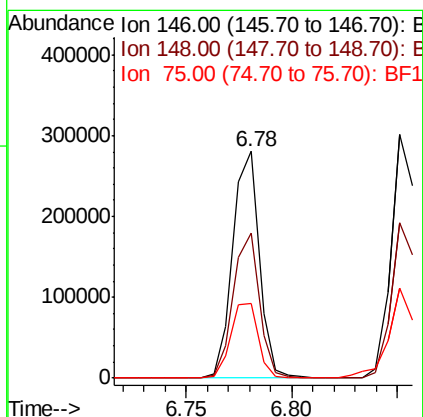
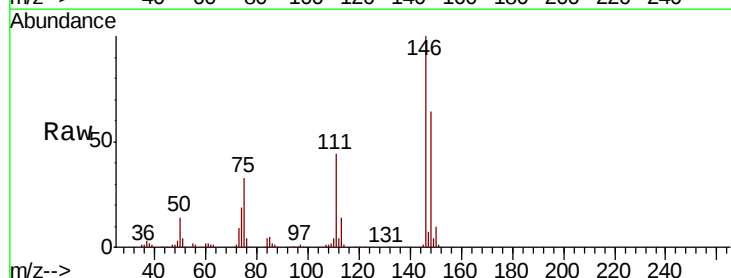
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	93	Resp:	241208
Ion	Ratio	Lower	Upper
93	100		
63	71.4	49.9	89.9
95	33.6	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 39.381 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:	146	Resp:	243580
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
75	33.1	29.6	44.4

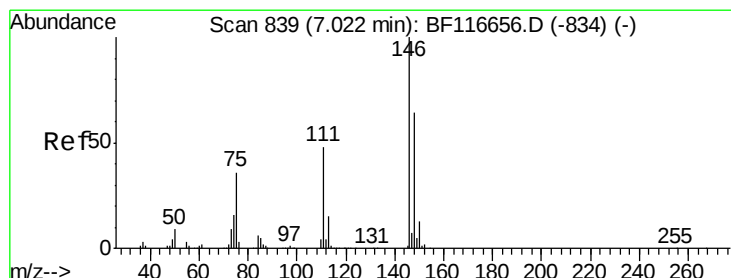
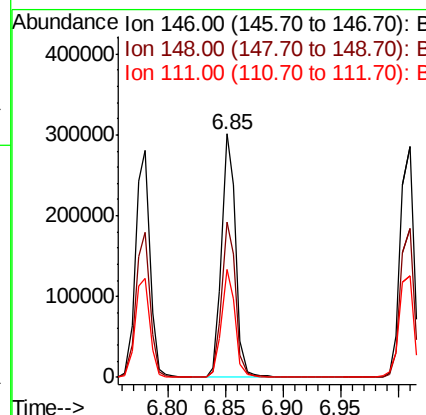
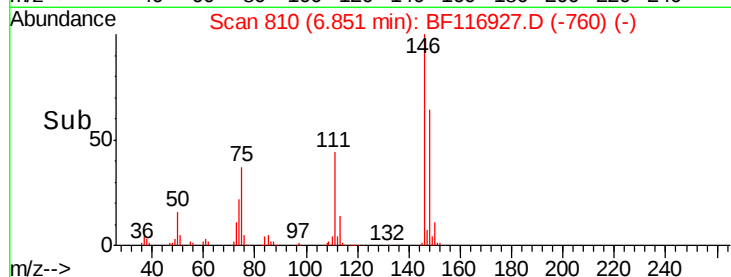
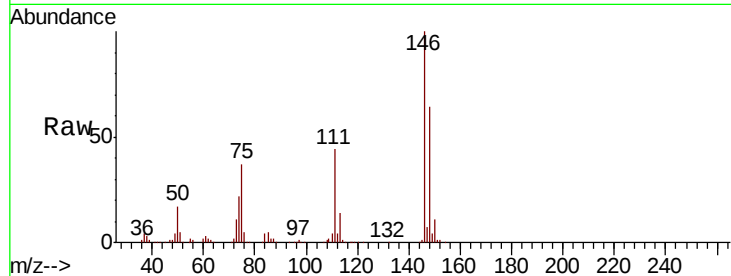




#13
 1,4-Dichlorobenzene
 Concen: 41.519 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

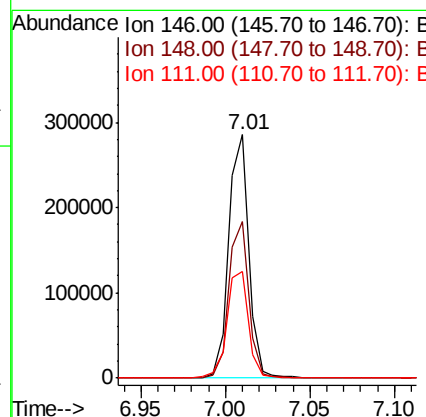
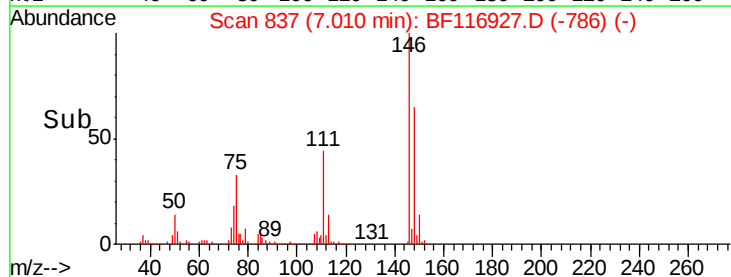
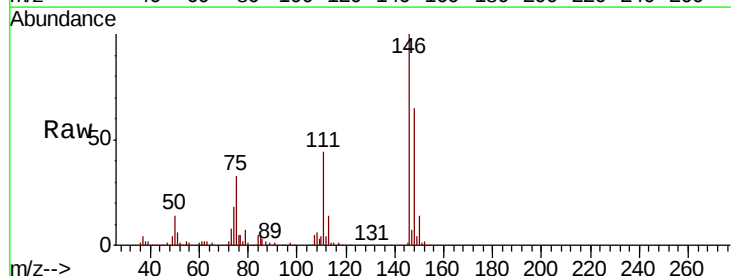
Instrument :
 BNA_F
 ClientSampleId :

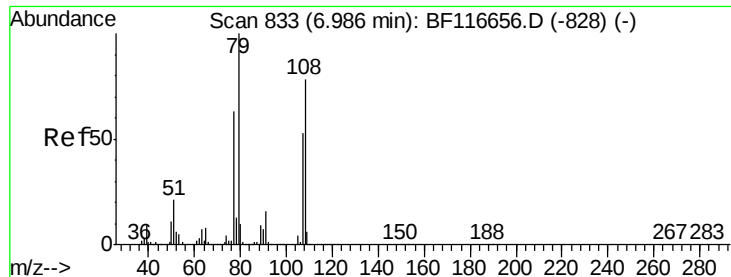
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	44.3	34.8	52.2



#14
 1,2-Dichlorobenzene
 Concen: 41.432 ng
 RT: 7.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	78.8
111	43.9	34.2	51.4





#15

Benzyl Alcohol

Concen: 44.097 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampled :

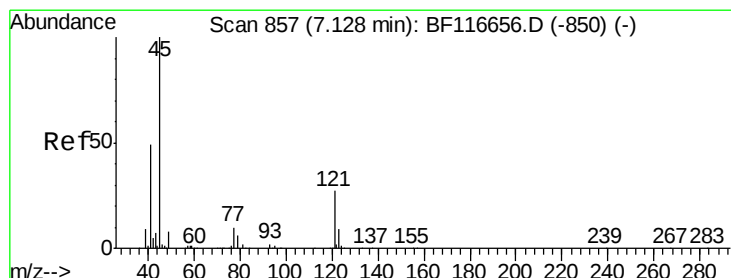
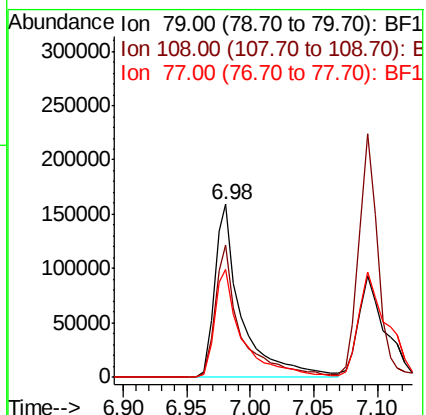
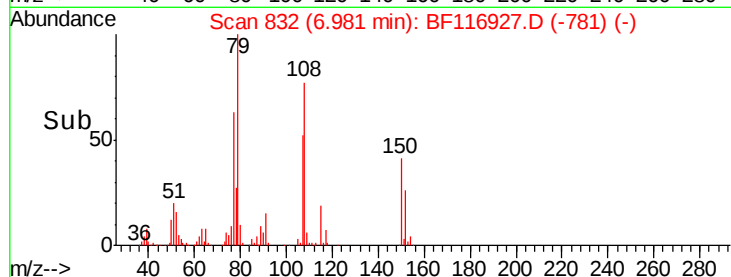
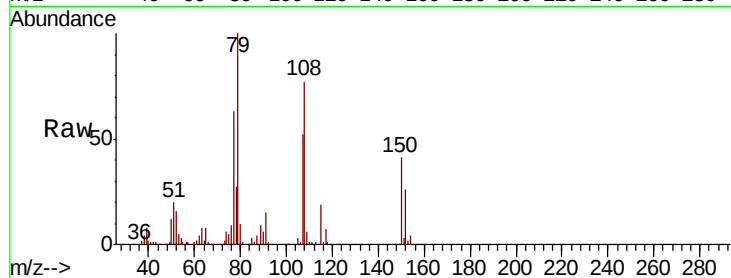
Tot Ion: 79 Resp: 235633

Ion Ratio Lower Upper

79 100

108 76.5 59.2 88.8

77 62.9 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.452 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

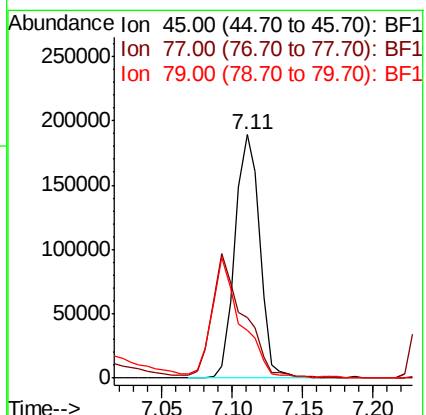
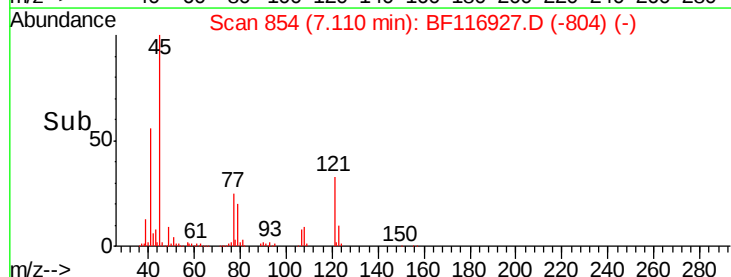
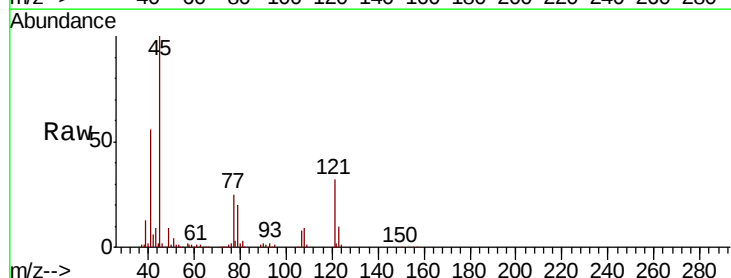
Tgt Ion: 45 Resp: 229425

Ion Ratio Lower Upper

45 100

77 24.8 0.0 38.2

79 19.6 0.0 33.9





#17

2-Methylphenol

Concen: 42.650 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 204326

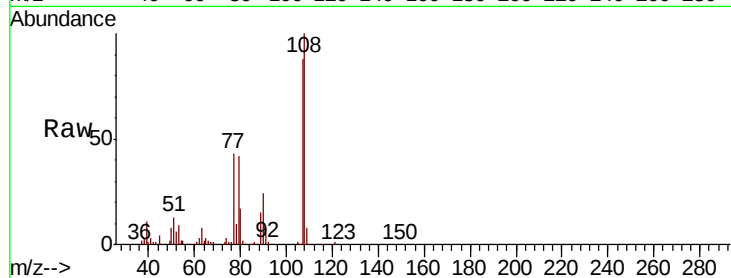
Ion Ratio Lower Upper

107 100

108 114.0 88.3 132.5

77 49.4 39.9 59.9

79 47.6 39.8 59.8

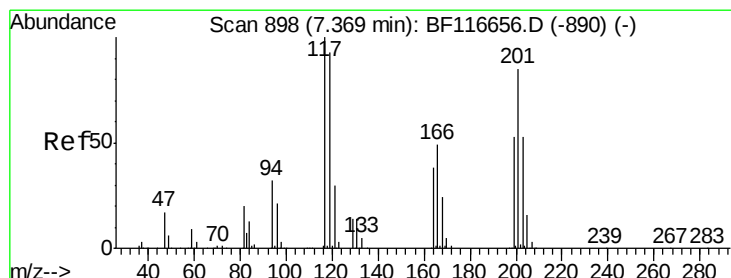
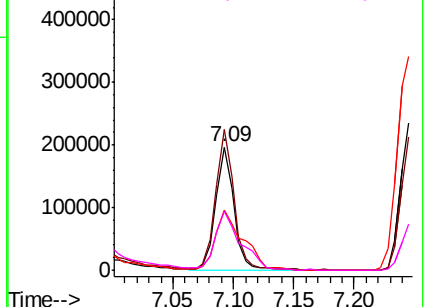
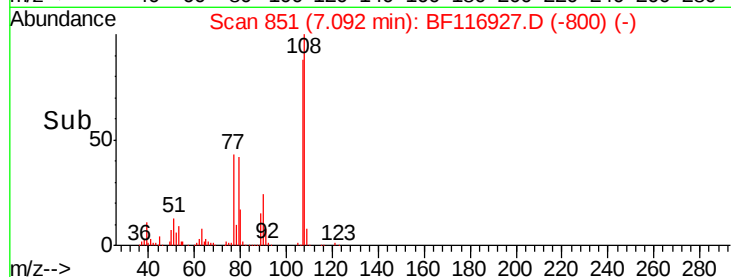


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.417 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

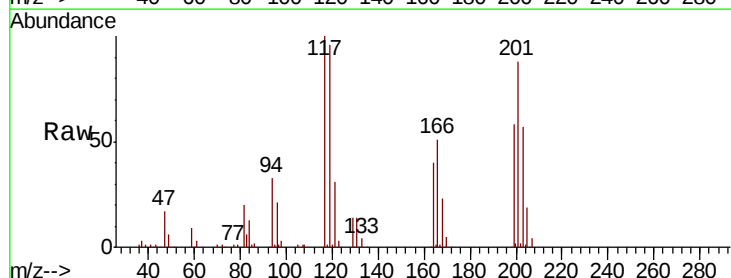
Tgt Ion:117 Resp: 96695

Ion Ratio Lower Upper

117 100

119 96.2 76.9 115.3

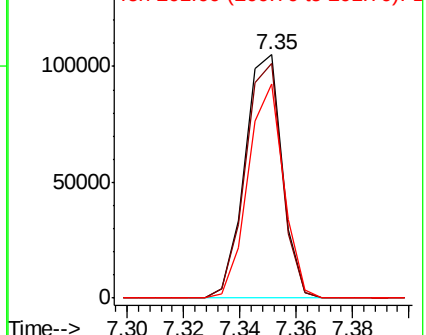
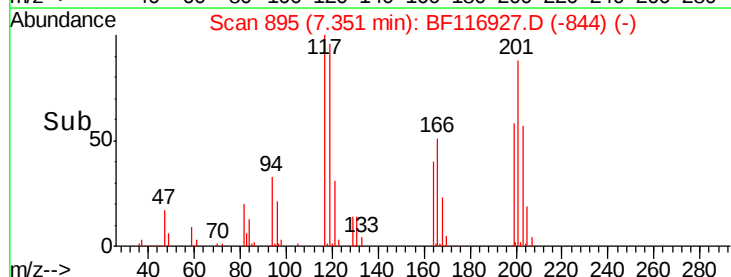
201 88.0 79.4 119.0

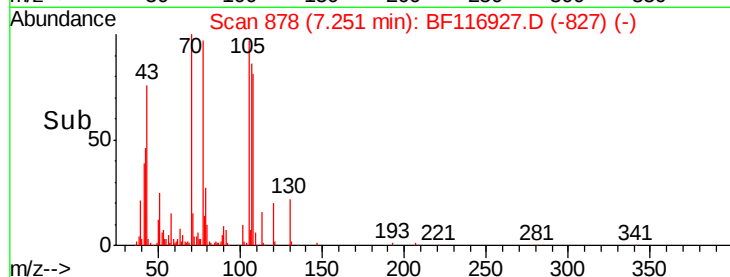
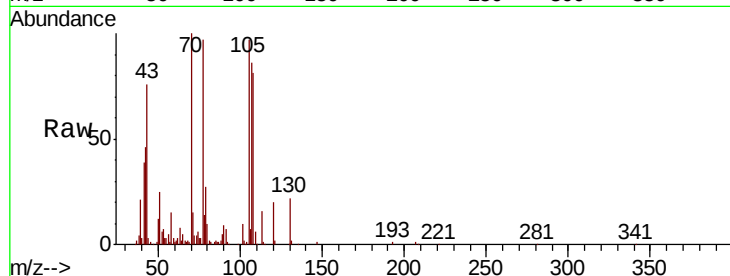
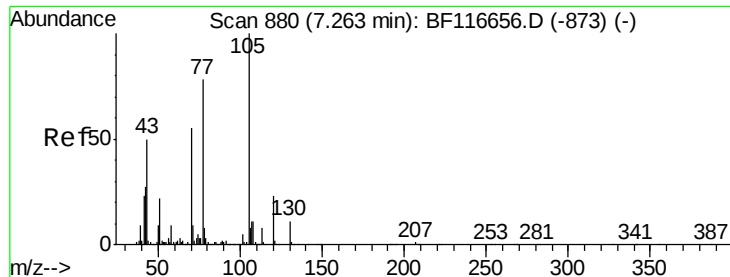


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

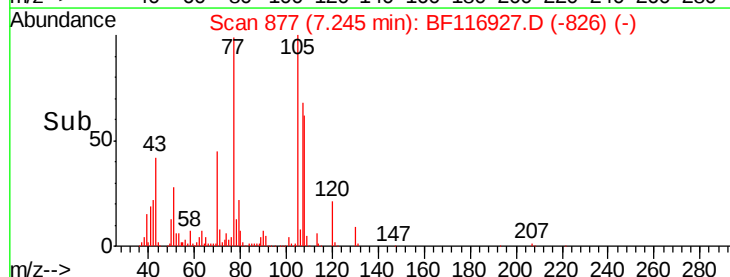
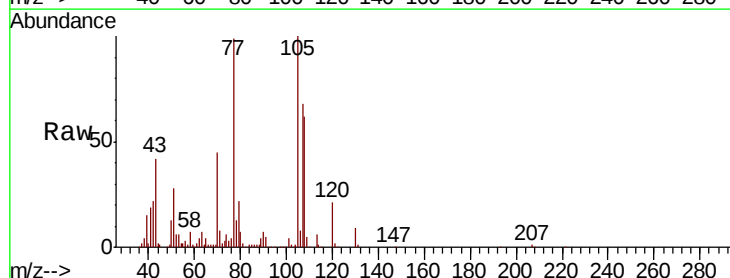
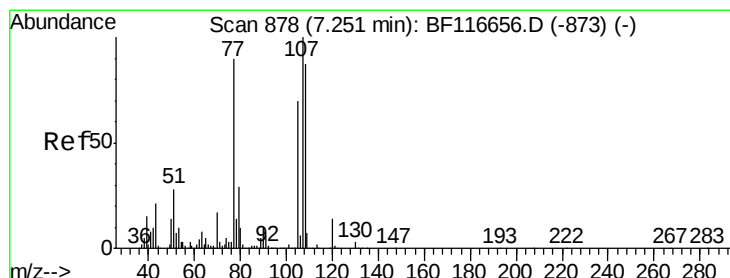
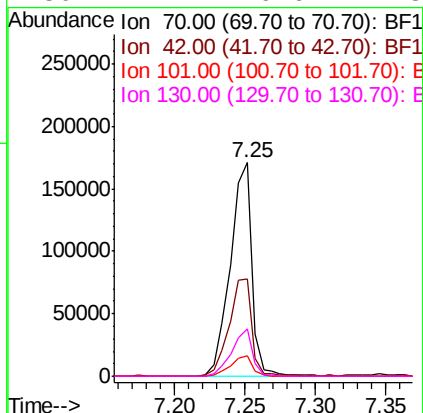




#19
n-Nitroso-di-n-propylamine
Concen: 42.024 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

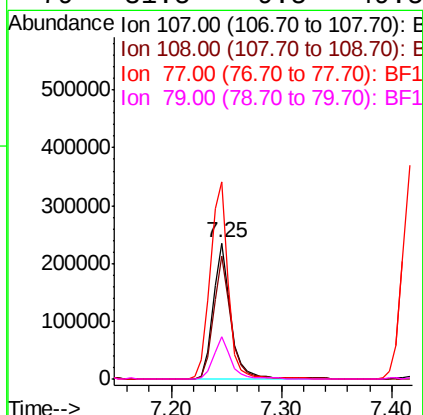
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	182147
Ion	Ratio	Lower	Upper
70	100		
42	45.7	43.5	65.3
101	9.7	7.8	11.6
130	22.4	16.6	24.8



#20
3+4-Methylphenols
Concen: 45.390 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:	107	Resp:	252833
Ion	Ratio	Lower	Upper
107	100		
108	90.6	65.5	105.5
77	144.9	69.4	109.4#
79	31.5	9.5	49.5

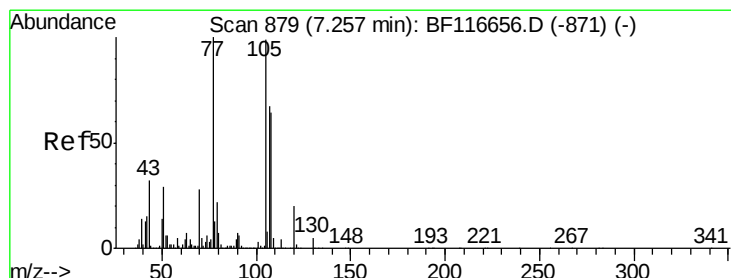
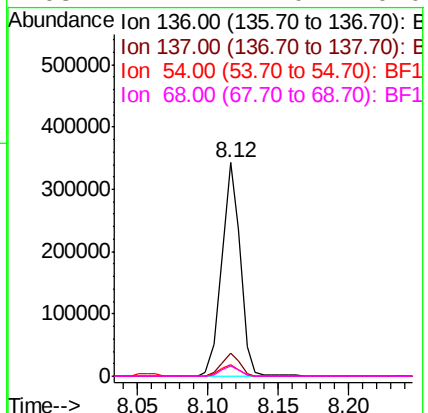
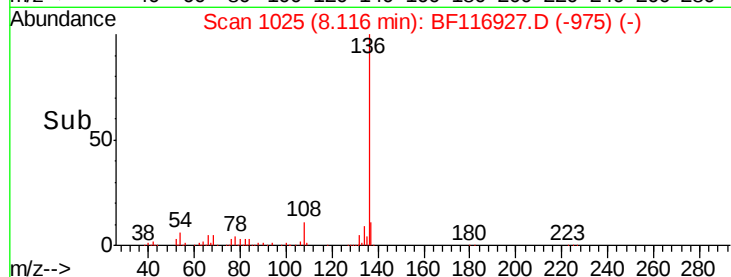
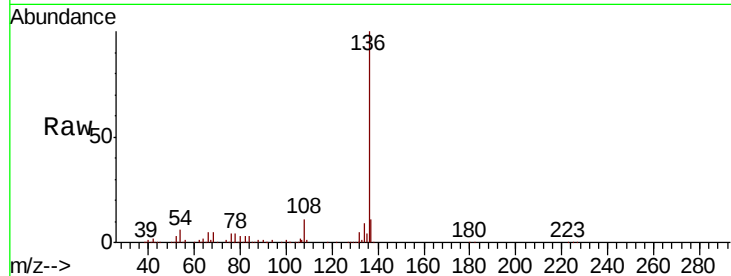




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

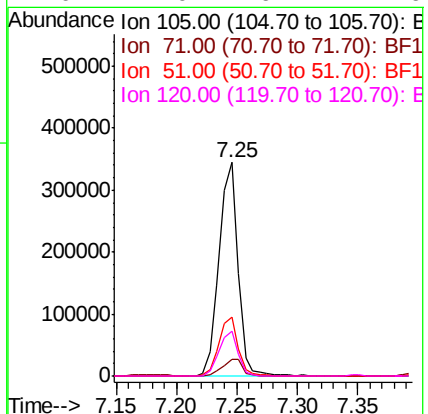
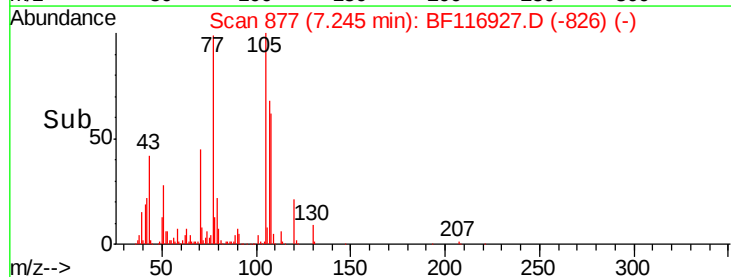
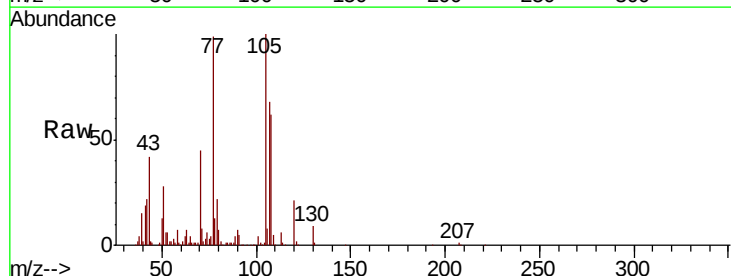
Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	313160
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 5.7	4.8	7.2
68 4.7	4.0	6.0



#22
Acetophenone
Concen: 49.504 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt	Ion:105	Resp:	373228
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.2	6.4#
51	27.8	25.8	38.8
120	21.0	16.4	24.6

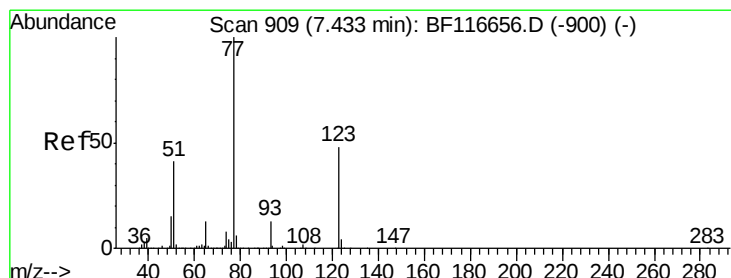
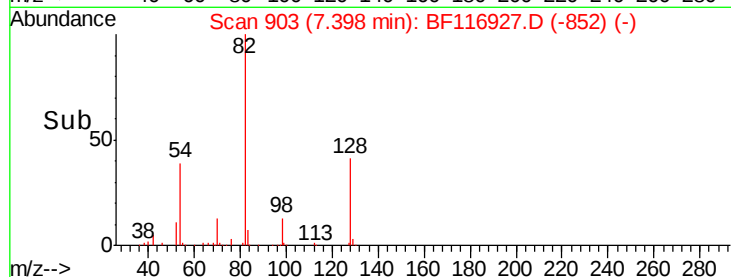
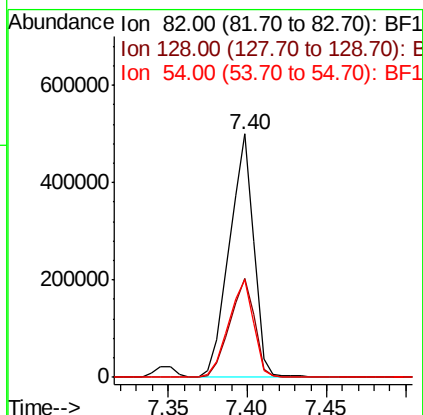
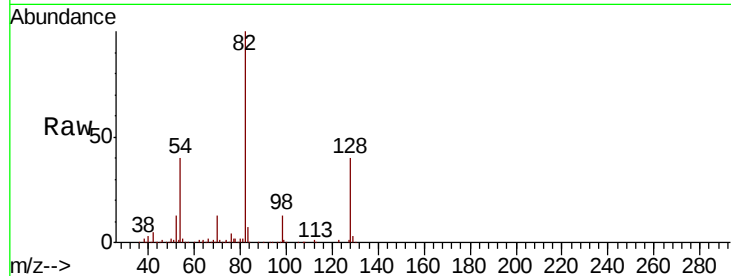




#23
 Nitrobenzene-d5
 Concen: 97.630 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

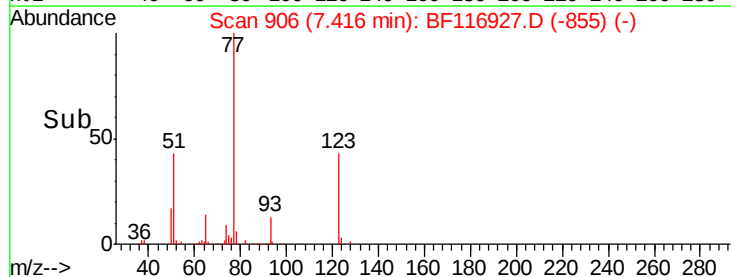
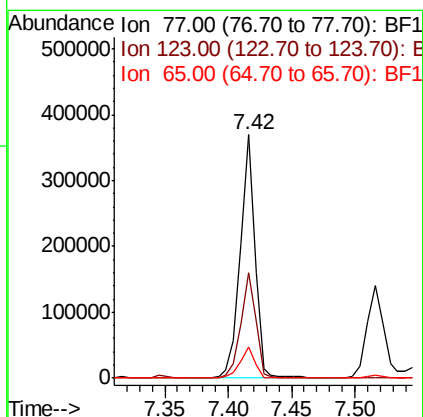
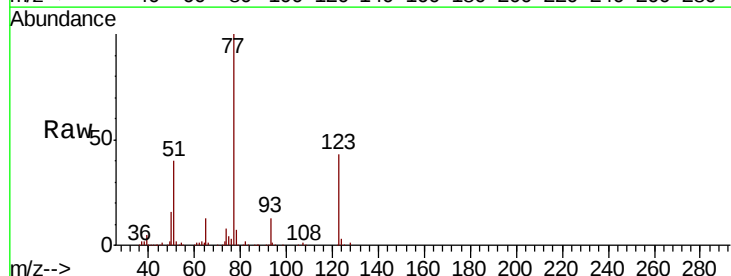
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	535560
Ion Ratio	Lower	Upper	
82	100		
128	40.5	32.8	49.2
54	40.0	36.9	55.3



#24
 Nitrobenzene
 Concen: 52.752 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	77	Resp	294308
Ion Ratio	Lower	Upper	
77	100		
123	43.4	33.1	49.7
65	12.9	10.6	15.8





#25

Isophorone

Concen: 46.131 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

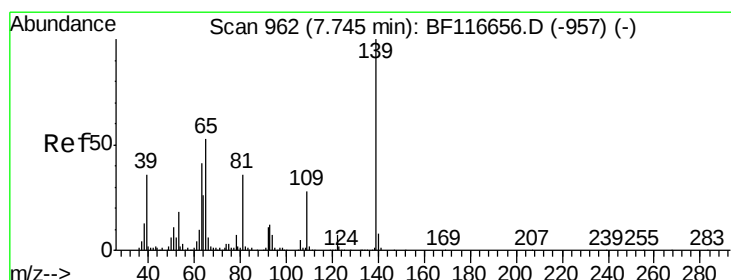
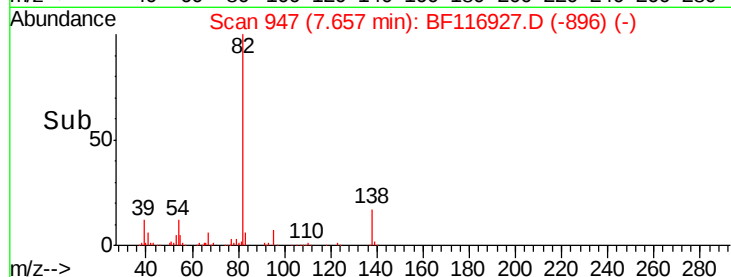
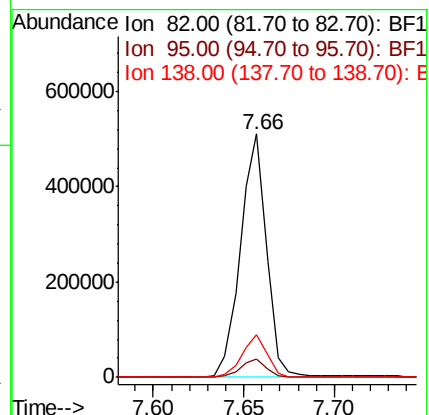
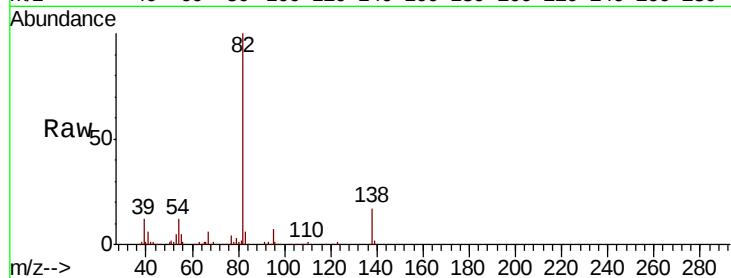
Tot Ion: 82 Resp: 512778

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 17.3 13.5 20.3



#26

2-Nitrophenol

Concen: 63.257 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

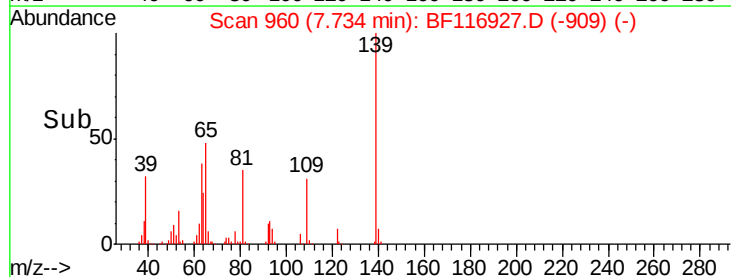
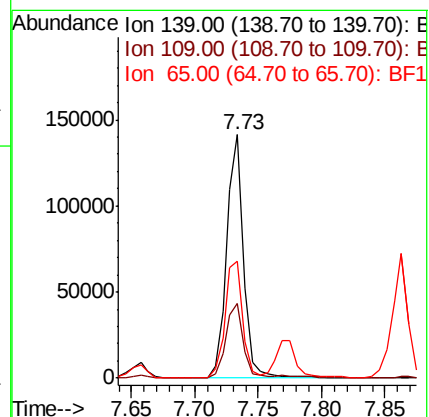
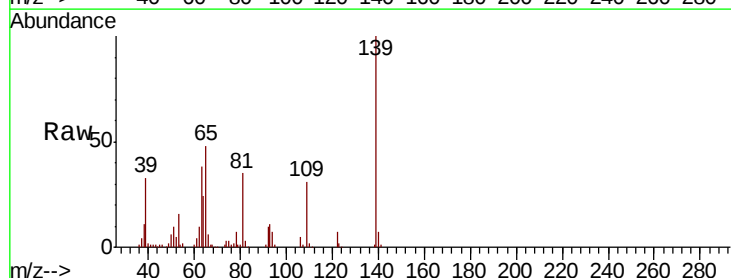
Tgt Ion: 139 Resp: 131208

Ion Ratio Lower Upper

139 100

109 30.7 27.1 40.7

65 48.2 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 52.301 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

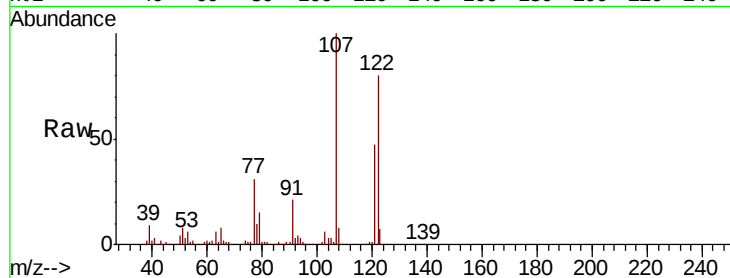
Tot Ion:122 Resp: 219093

Ion Ratio Lower Upper

122 100

107 124.6 98.1 147.1

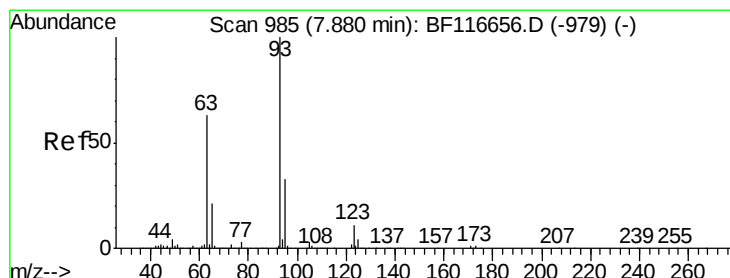
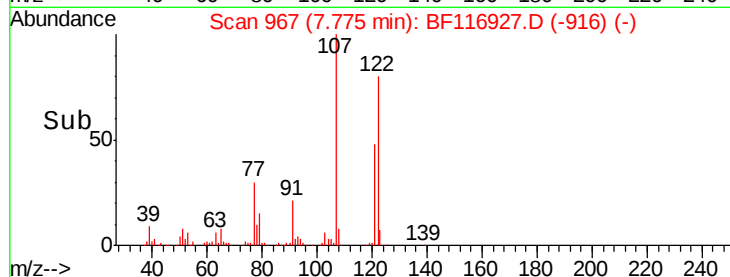
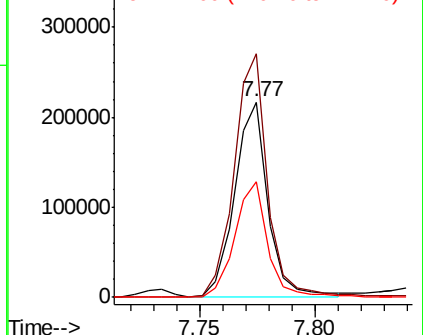
121 59.1 47.3 70.9



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: 45.199 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

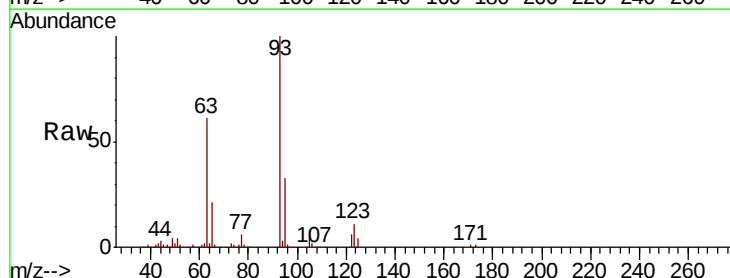
Tgt Ion: 93 Resp: 307025

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

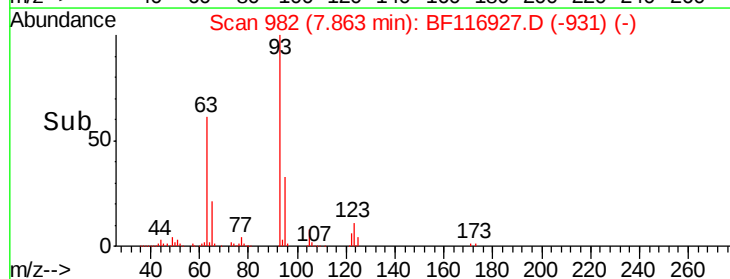
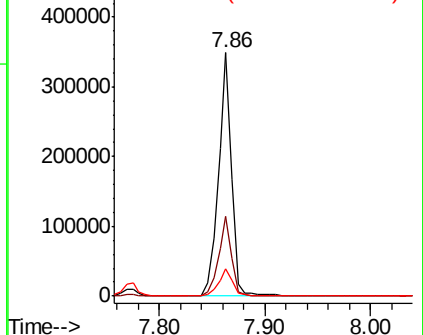
123 11.3 9.8 14.8



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

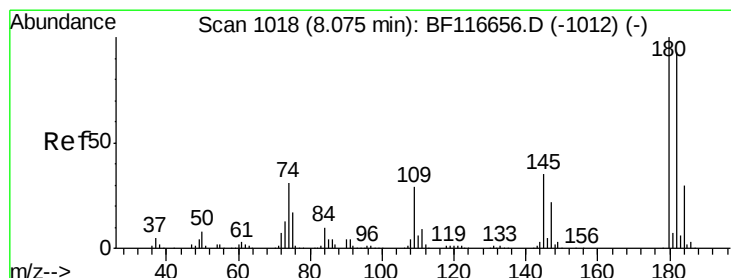
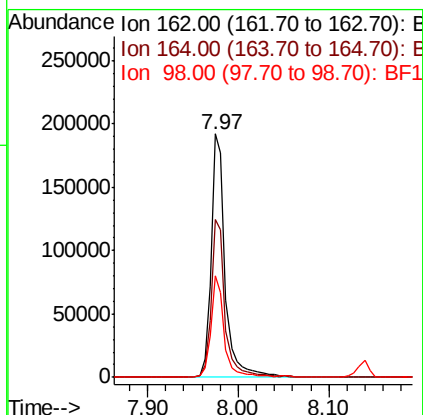
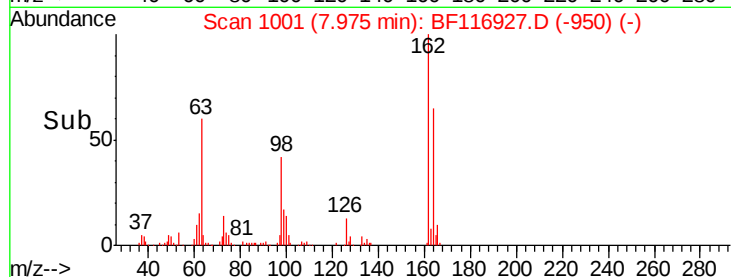
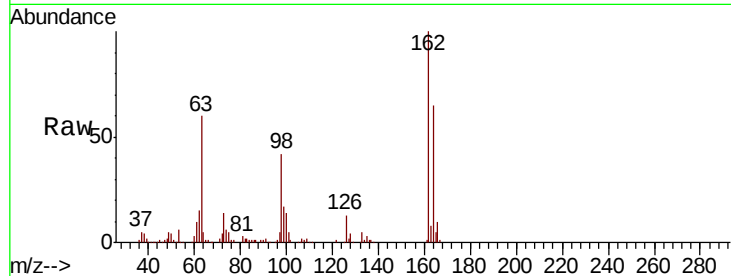




#29
2,4-Dichlorophenol
Concen: 51.973 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

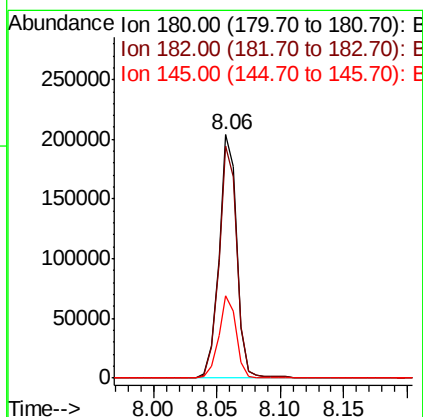
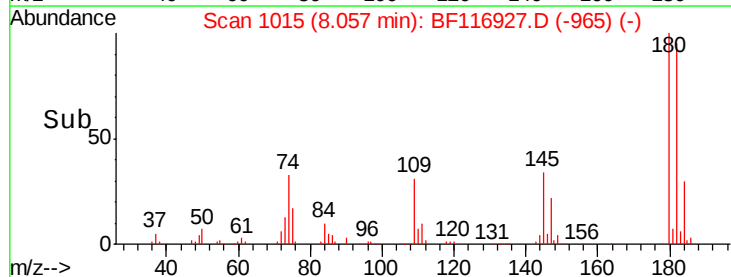
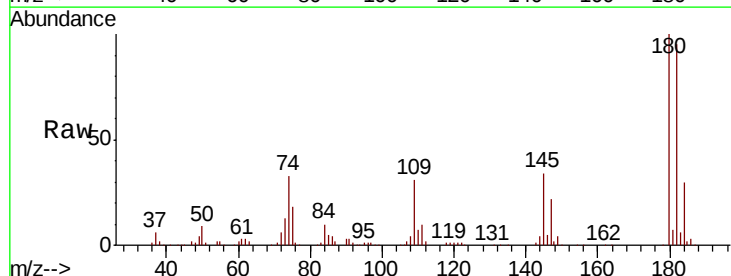
Instrument :
BNA_F
ClientSampleId :

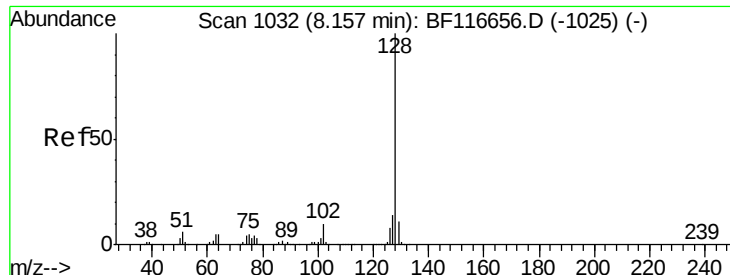
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.4	83.4
98	41.6	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 46.157 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.6	118.0
145	33.9	25.7	38.5

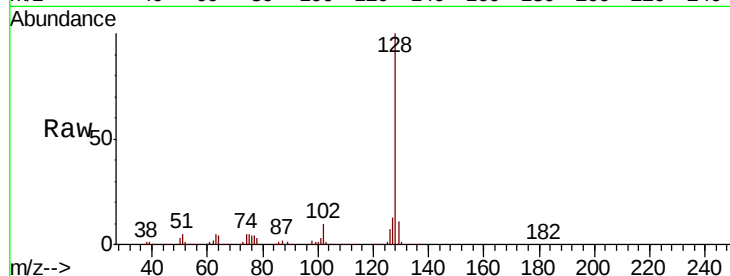




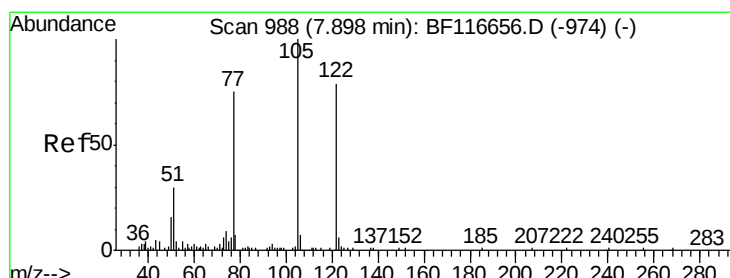
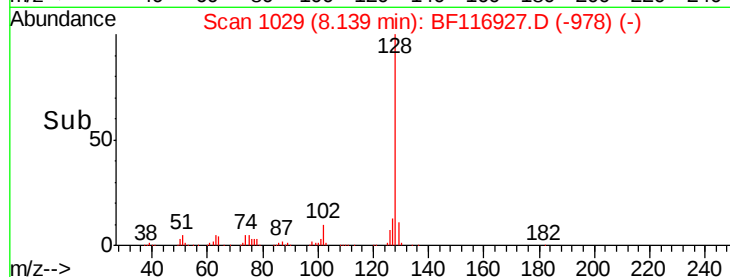
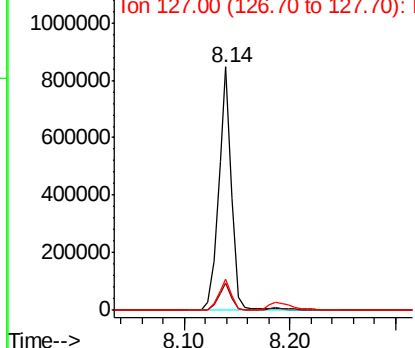
#31
Naphthalene
Concen: 48.637 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 724252
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.4 15.6

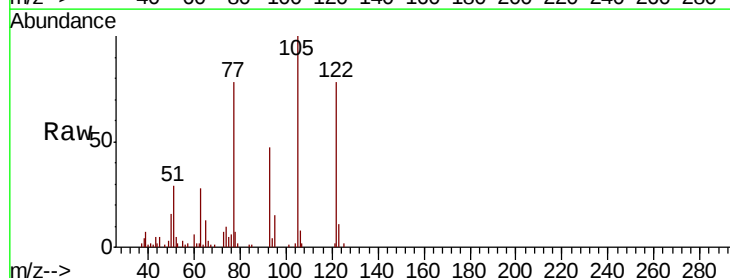


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

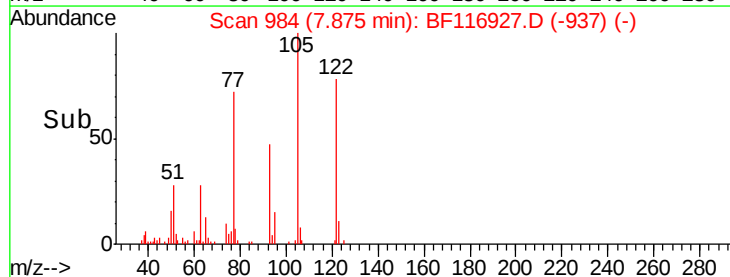
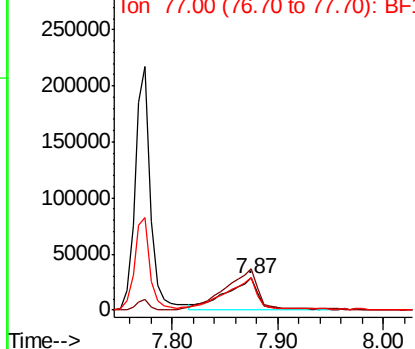


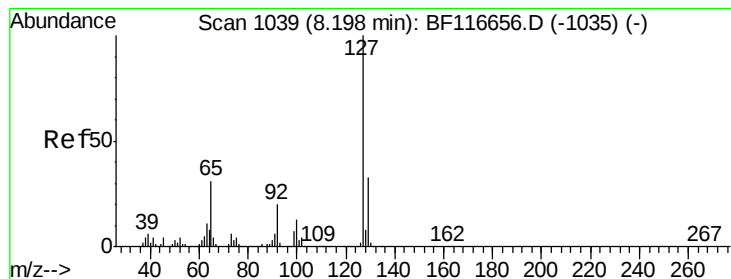
#32
Benzoic acid
Concen: 25.523 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:122 Resp: 60369
Ion Ratio Lower Upper
122 100
105 128.5 110.0 150.0
77 100.8 81.7 121.7



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: 6.933 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF116927.D

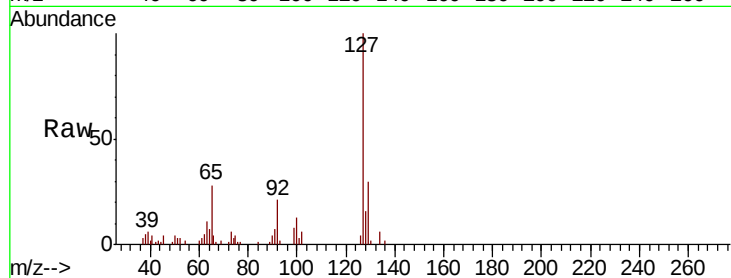
Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127	Resp:	46992
Ion Ratio	Lower	Upper
127	100	
129	29.9	26.2 39.2
65	27.7	26.0 39.0
92	20.7	16.1 24.1

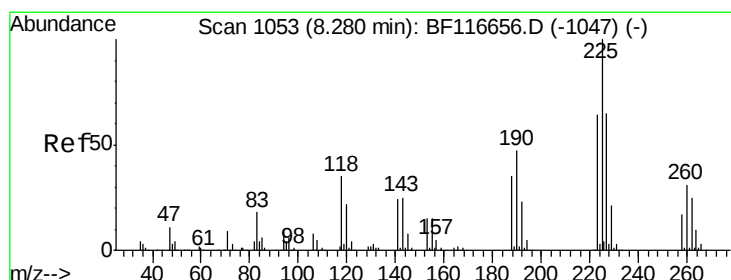
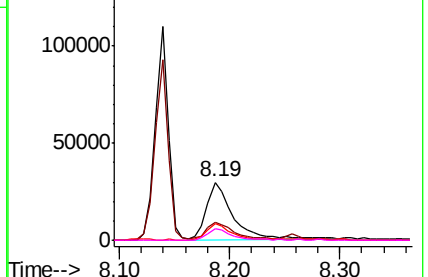
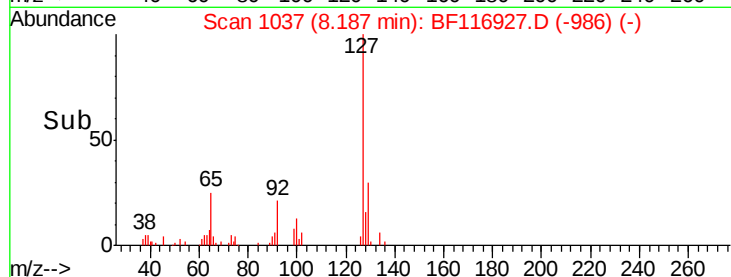


Abundance Ion 127.00 (126.70 to 127.70): E

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: 46.305 ng

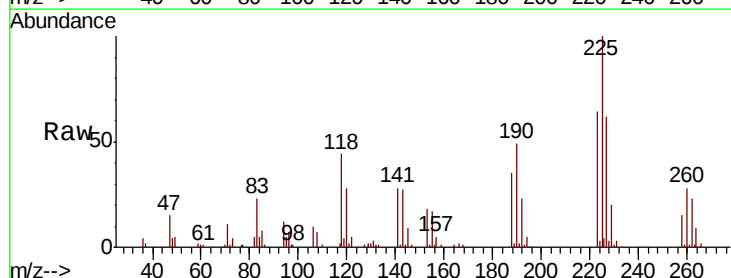
RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

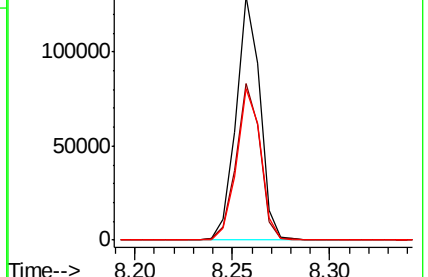
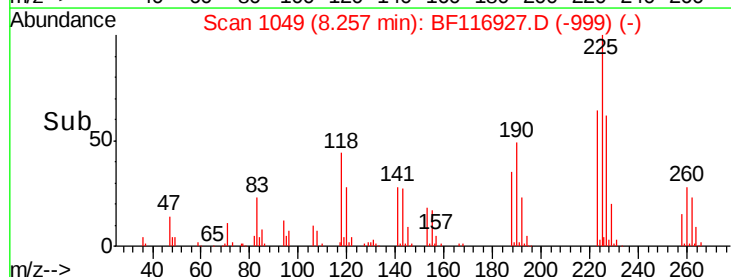
Tgt Ion:225	Resp:	110245
Ion Ratio	Lower	Upper
225	100	
223	64.3	49.4 74.2
227	62.3	51.0 76.4

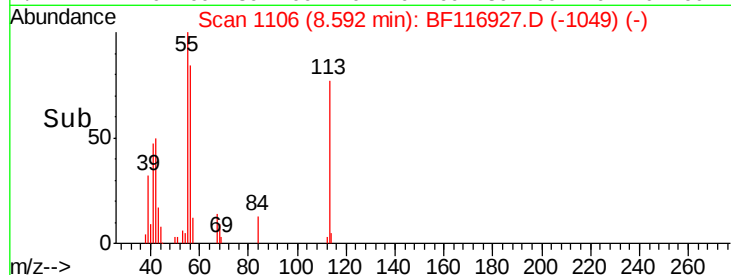
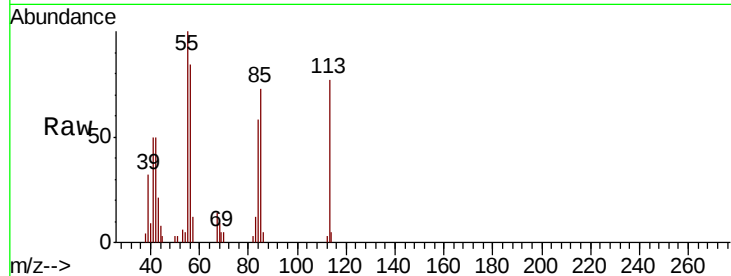


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

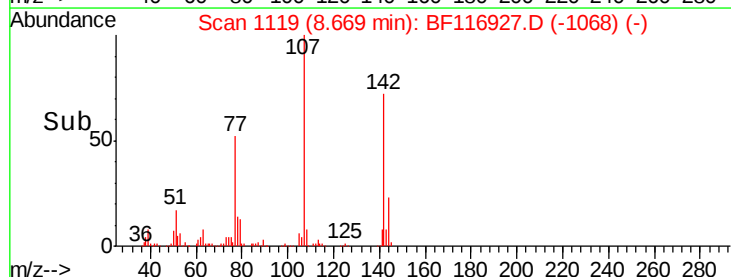
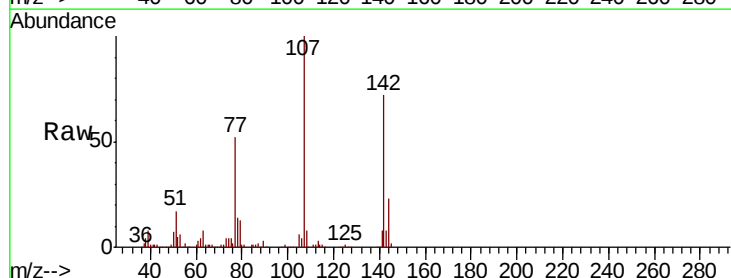
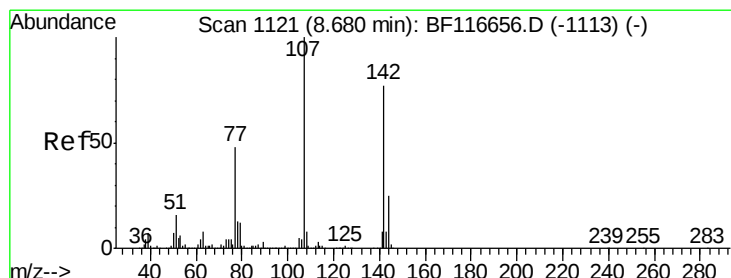
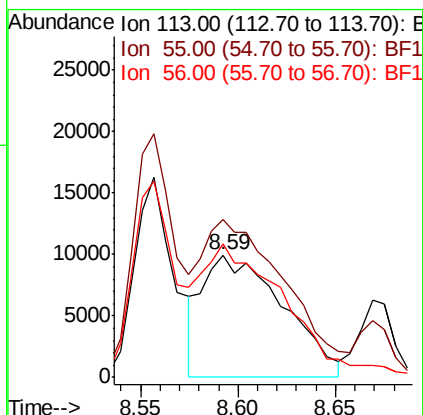




#35
Caprolactam
Concen: 18.830 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.04 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

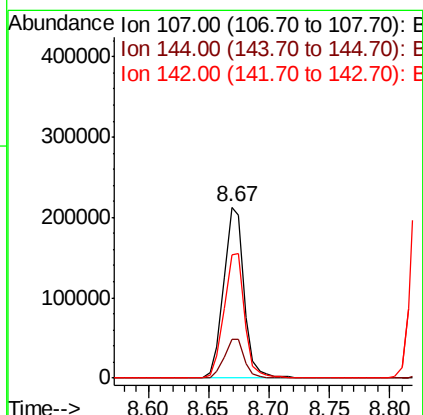
Instrument :
BNA_F
ClientSampled :

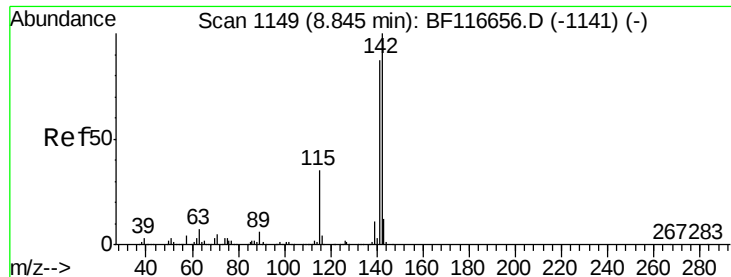
Tot Ion:113 Resp: 28370
Ion Ratio Lower Upper
113 100
55 129.5 124.3 164.3
56 109.2 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 53.889 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:107 Resp: 249347
Ion Ratio Lower Upper
107 100
144 22.5 18.6 27.8
142 71.8 58.5 87.7

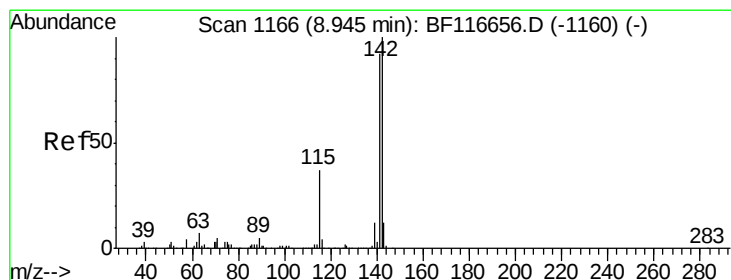
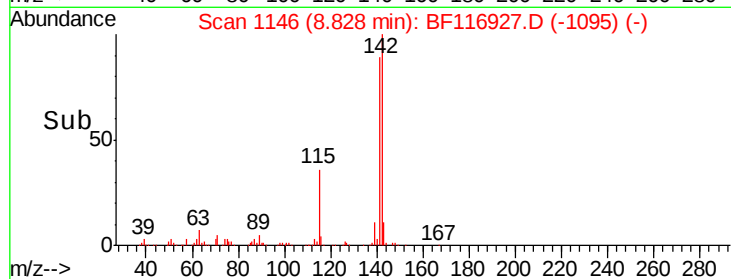
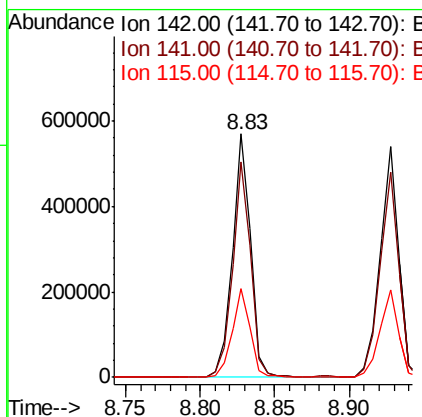
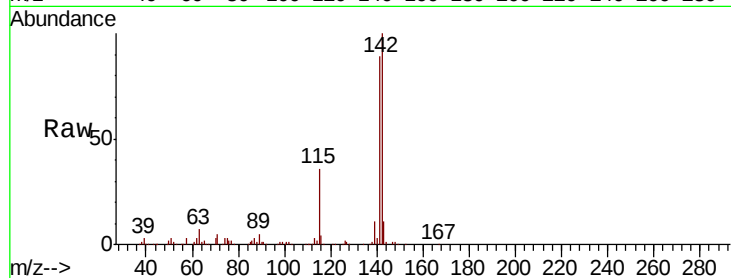




#37
2-Methylnaphthalene
Concen: 49.797 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

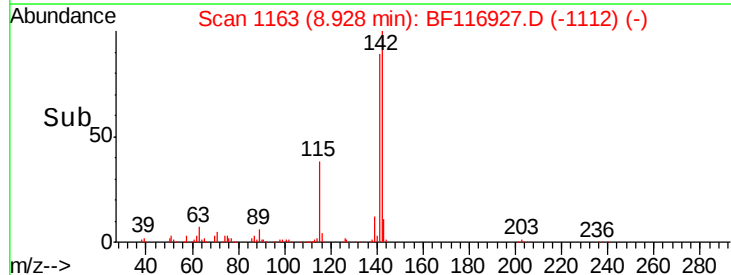
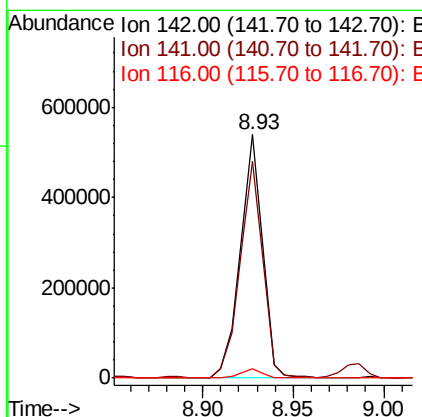
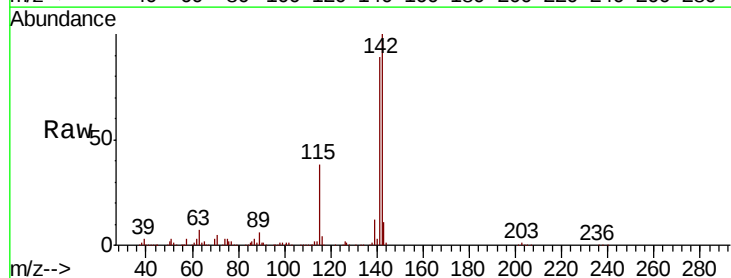
Instrument :
BNA_F
ClientSampleId :

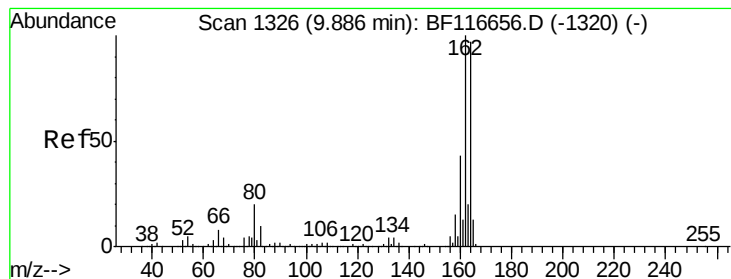
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	109.0
115	36.2	29.8	44.6



#38
1-Methylnaphthalene
Concen: 49.139 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.9	110.9
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampled :

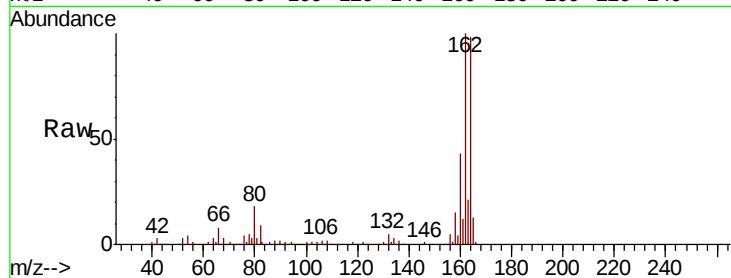
Tot Ion:164 Resp: 162705

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

160 44.2 35.4 53.2

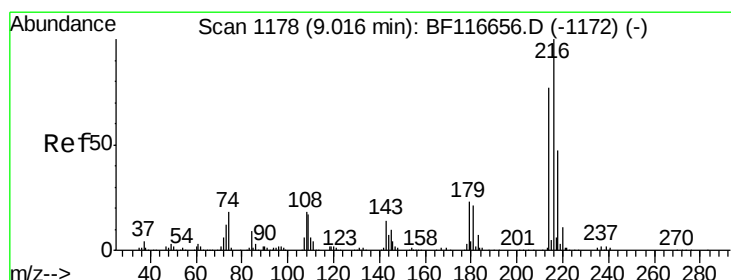
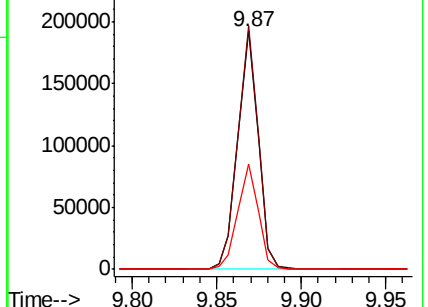
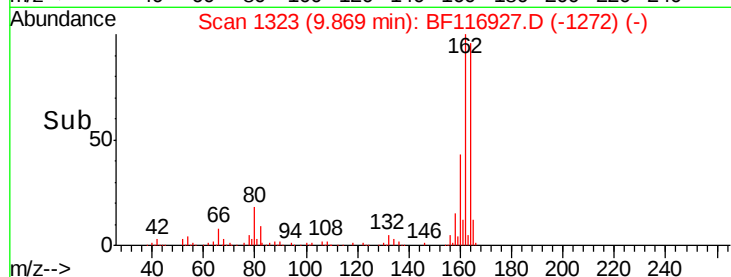


Abundance

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: 48.674 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Tgt Ion:216 Resp: 189847

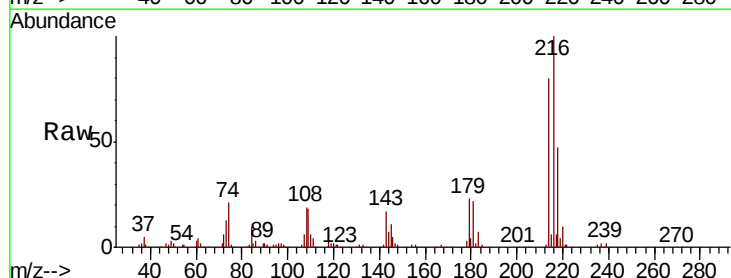
Ion Ratio Lower Upper

216 100

214 79.8 62.7 94.1

179 23.6 19.3 28.9

108 25.1 16.6 25.0#



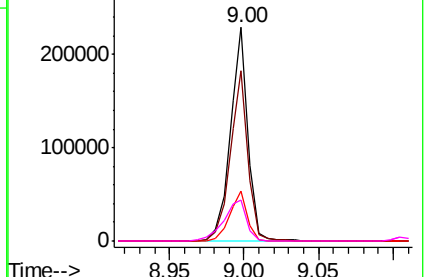
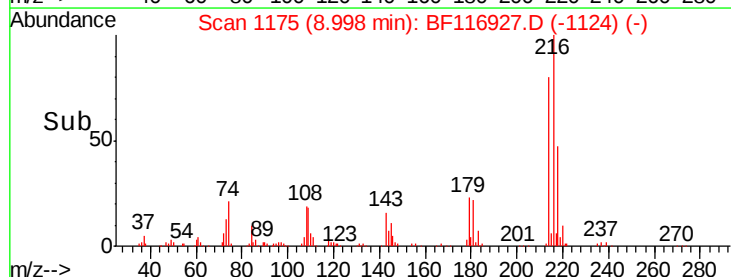
Abundance

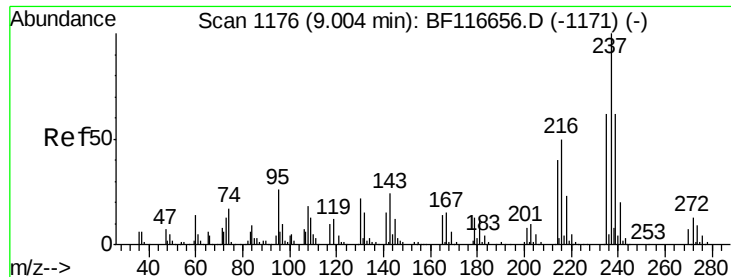
Ion 216.00 (215.70 to 216.70): E

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: 86.025 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampled :

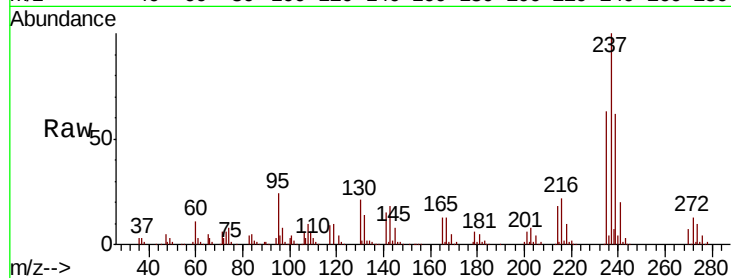
Tot Ion:237 Resp: 193755

Ion Ratio Lower Upper

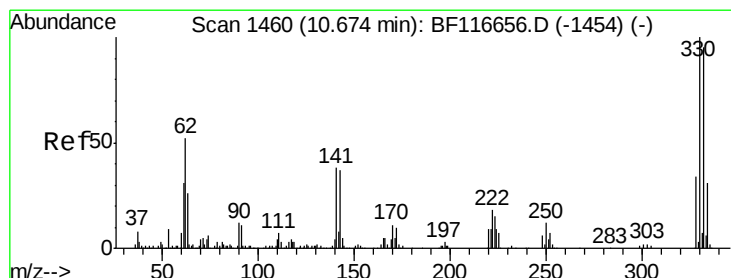
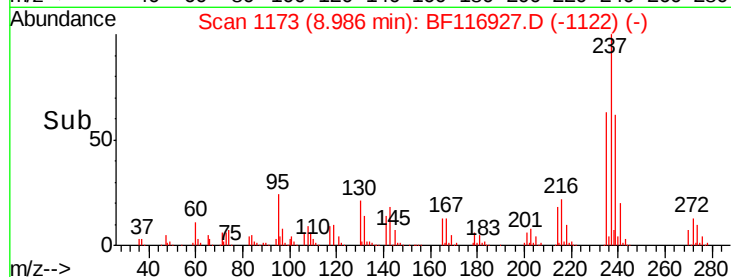
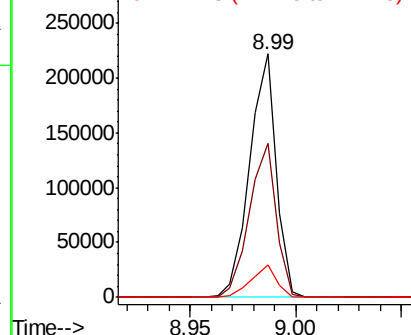
237 100

235 63.4 41.4 81.4

272 13.4 0.0 32.8



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: 174.369 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

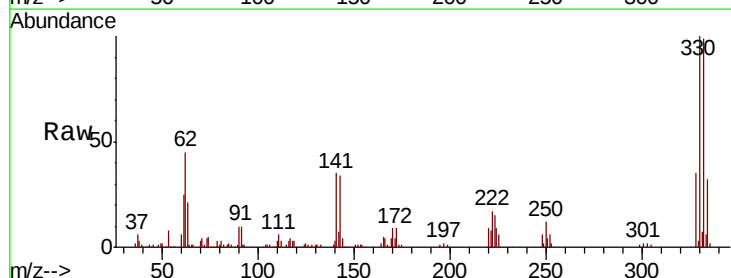
Tgt Ion:330 Resp: 189664

Ion Ratio Lower Upper

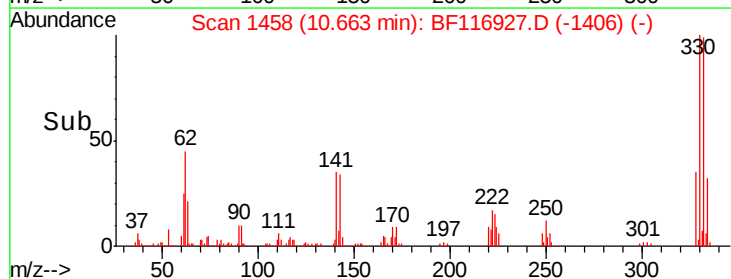
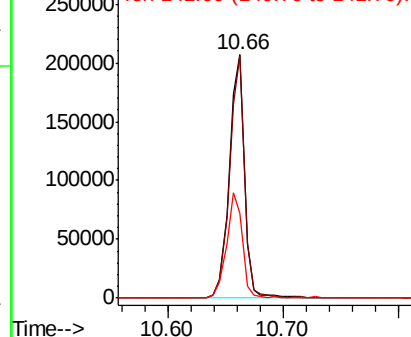
330 100

332 97.3 76.9 115.3

141 45.0 31.4 47.2



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

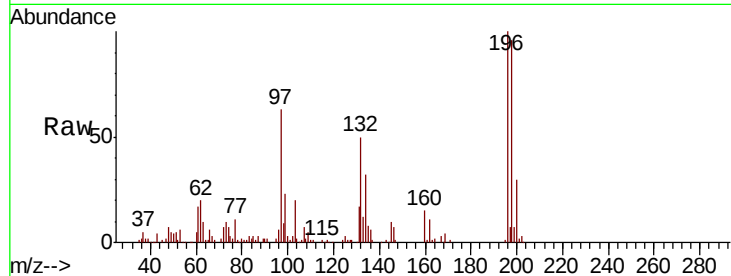




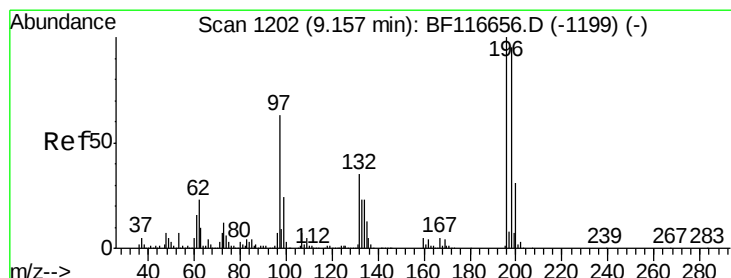
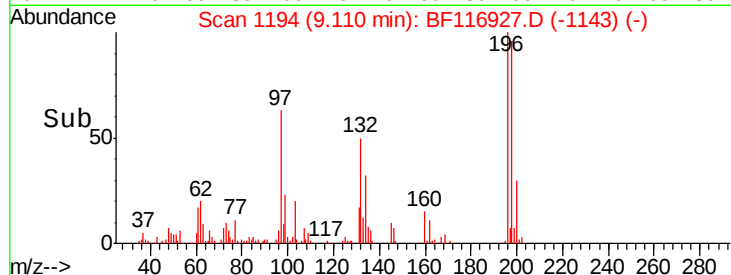
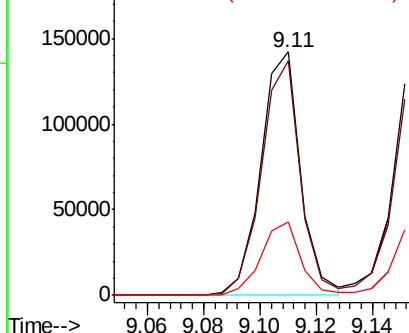
#43
 2,4,6-Trichlorophenol
 Concen: 51.872 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 138689
 Ion Ratio Lower Upper
 196 100
 198 96.4 79.1 118.7
 200 30.3 24.0 36.0

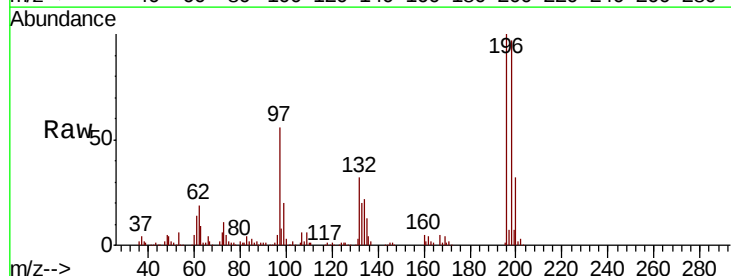


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

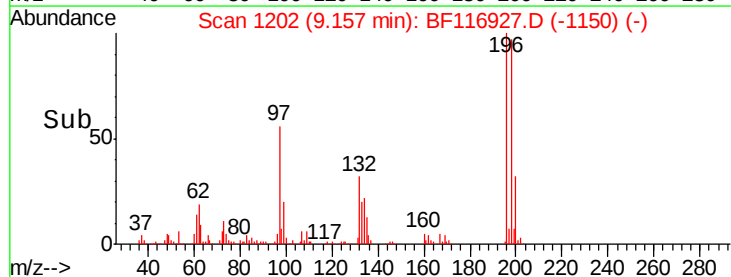
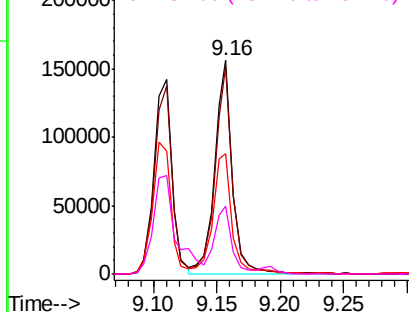


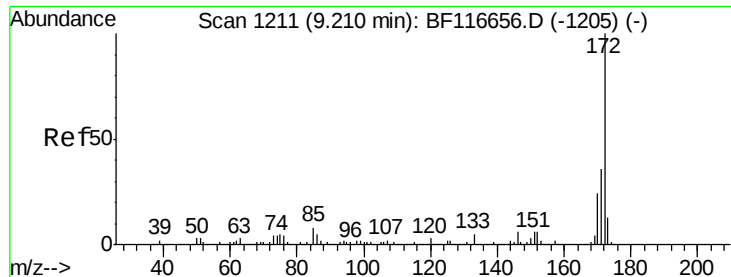
#44
 2,4,5-Trichlorophenol
 Concen: 55.173 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion:196 Resp: 153147
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.1 117.1
 97 56.4 41.6 62.4
 132 31.6 23.5 35.3



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

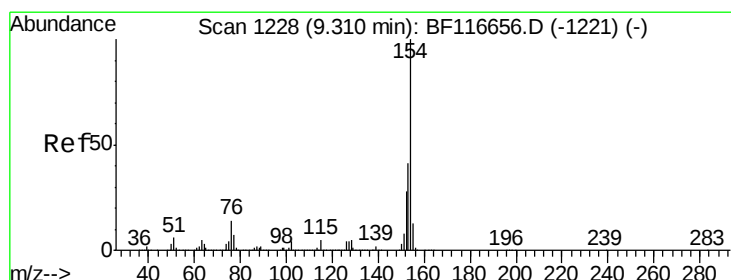
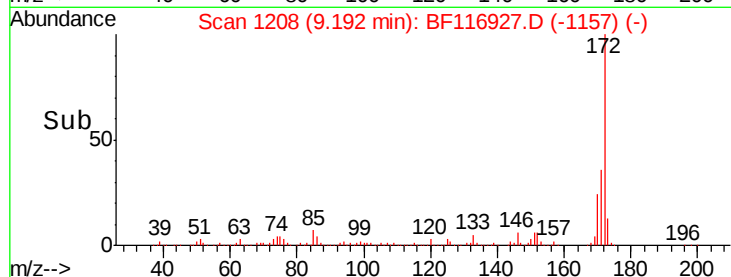
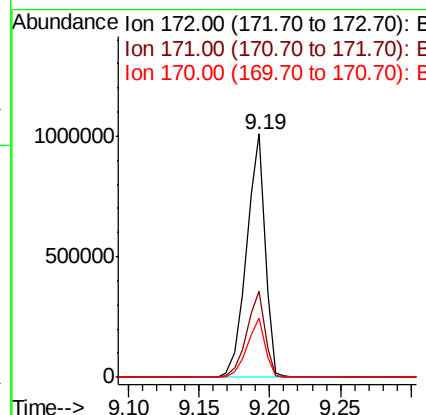
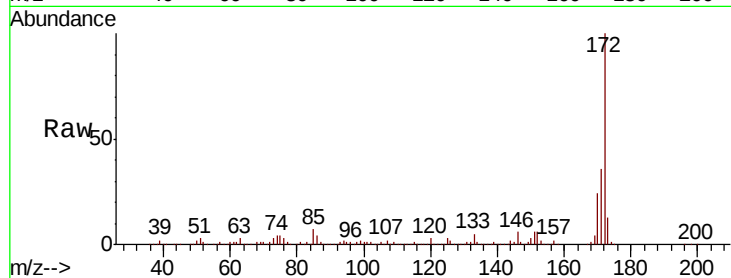




#45
2-Fluorobiphenyl
Concen: 95.725 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

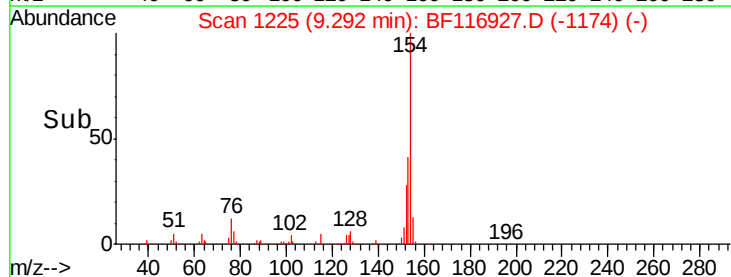
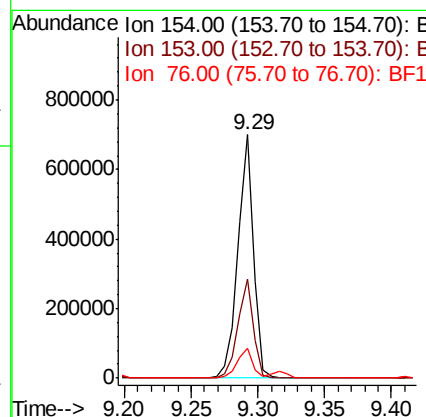
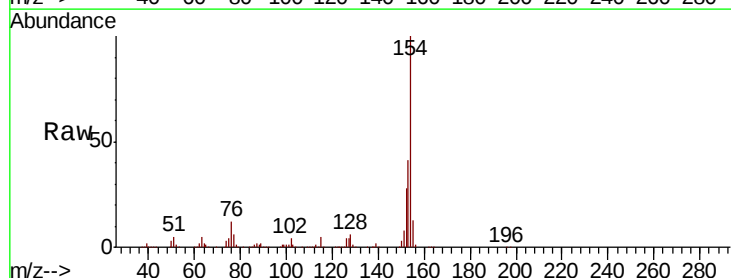
Instrument :
BNA_F
ClientSampled :

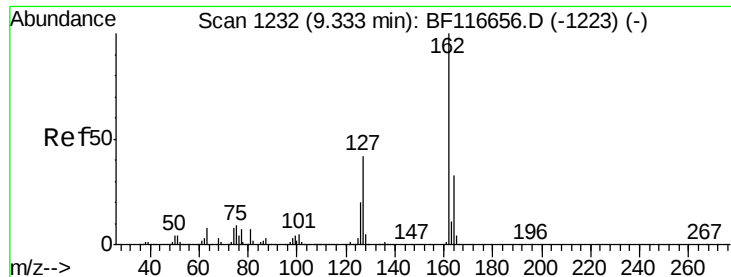
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	24.1	18.9	28.3



#46
1,1'-Biphenyl
Concen: 47.274 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	12.3	0.0	30.9

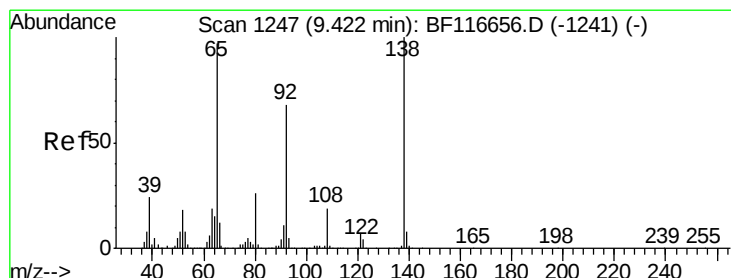
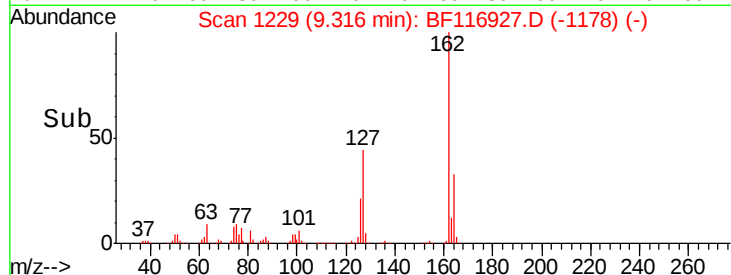
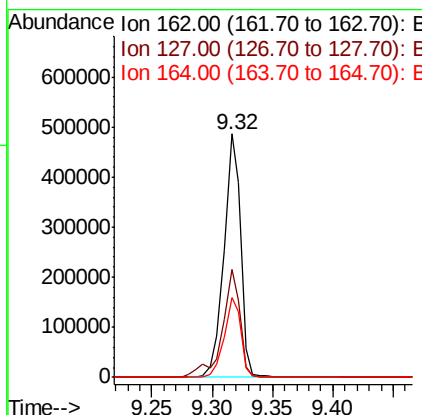
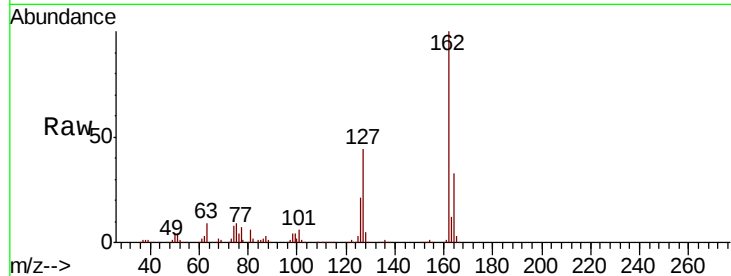




#47
 2-Chloronaphthalene
 Concen: 47.234 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

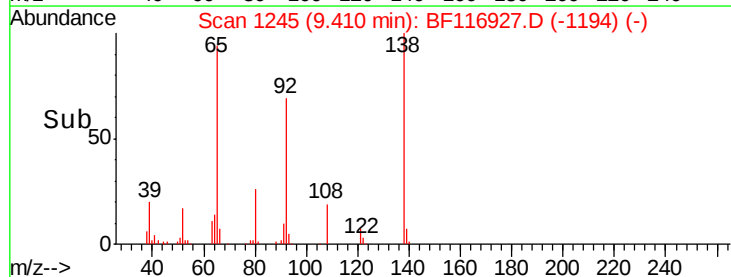
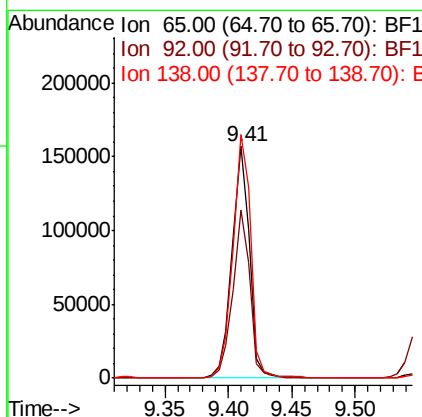
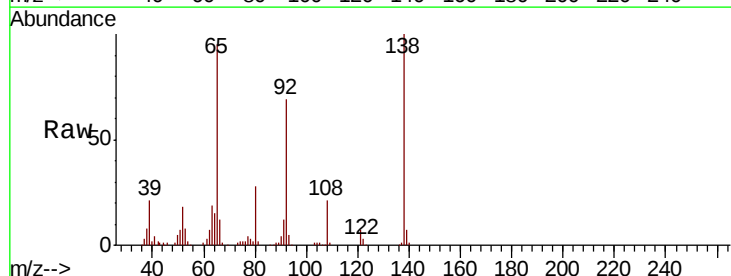
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.2	33.4	50.2
164	32.7	26.6	39.8



#48
 2-Nitroaniline
 Concen: 52.648 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	57.1	85.7
138	105.0	88.2	132.2





#49

Acenaphthylene

Concen: 49.635 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampled :

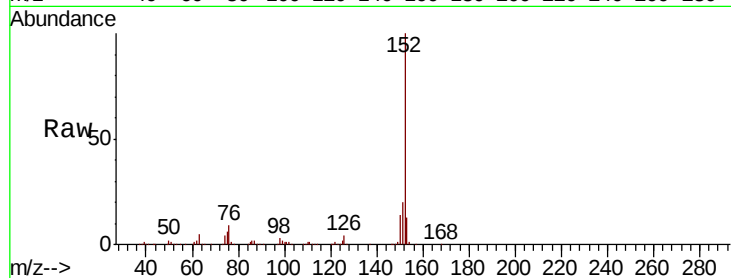
Tot Ion:152 Resp: 733687

Ion Ratio Lower Upper

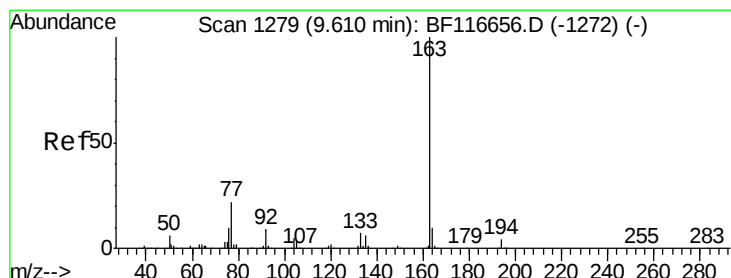
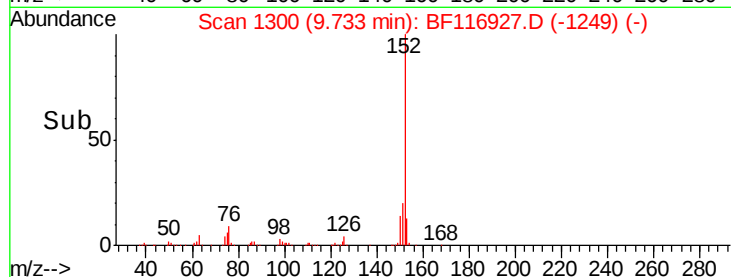
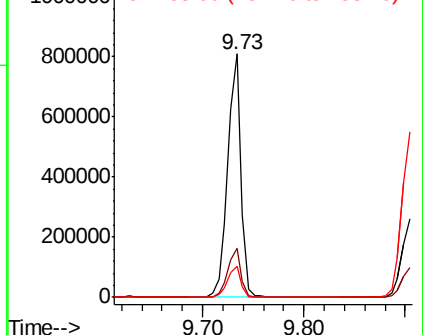
152 100

151 20.2 15.9 23.9

153 13.0 10.9 16.3



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: 52.917 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

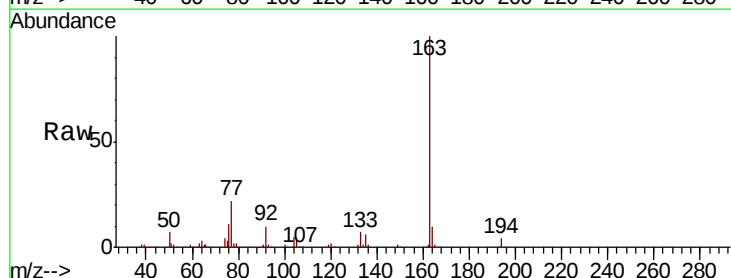
Tgt Ion:163 Resp: 594427

Ion Ratio Lower Upper

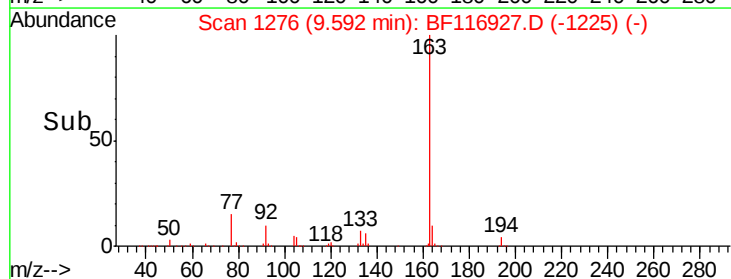
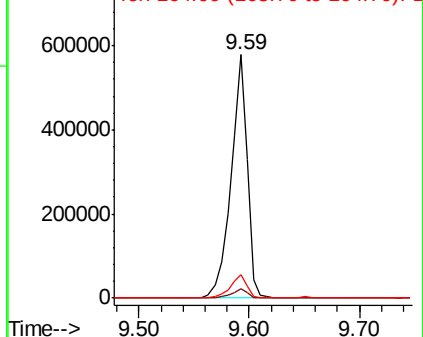
163 100

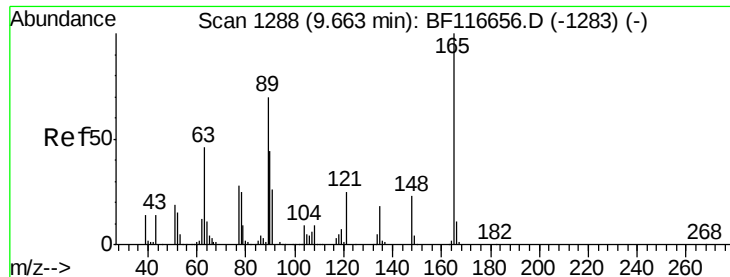
194 3.6 2.8 4.2

164 9.8 8.6 12.8



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

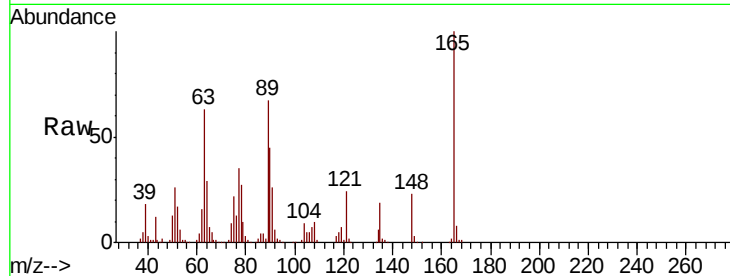




#51
2,6-Dinitrotoluene
Concen: 57.754 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.6	47.3	70.9
89	66.9	52.5	78.7

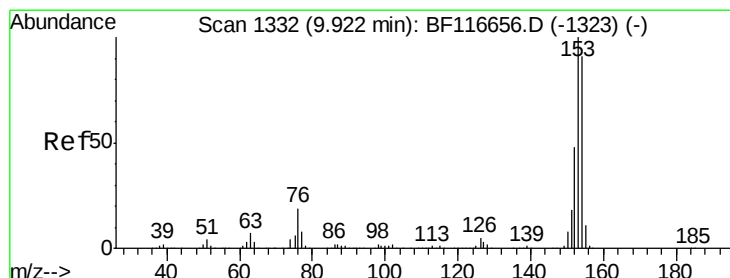
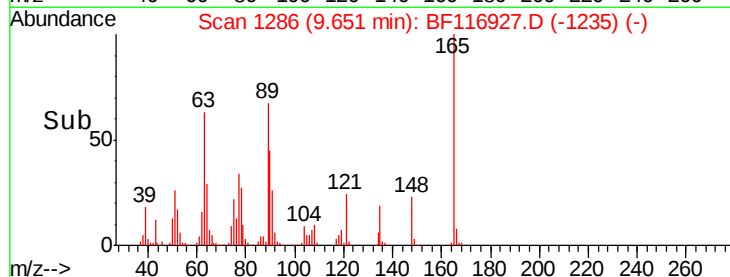
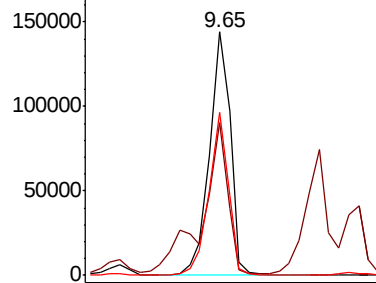


Abundance

Ion 165.00 (164.70 to 165.70): E

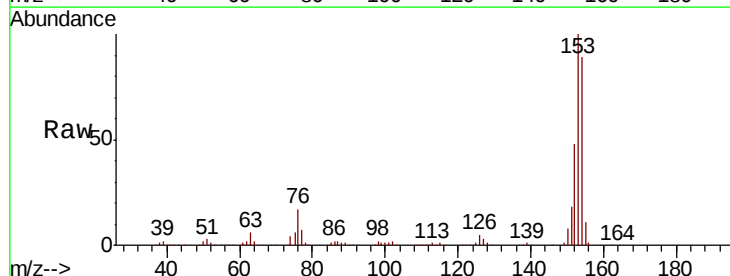
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 47.199 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.5	134.3
152	53.3	41.9	62.9

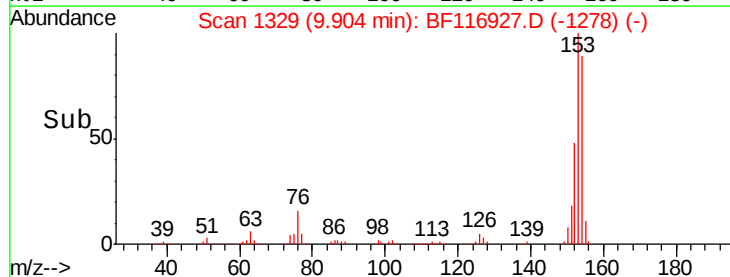
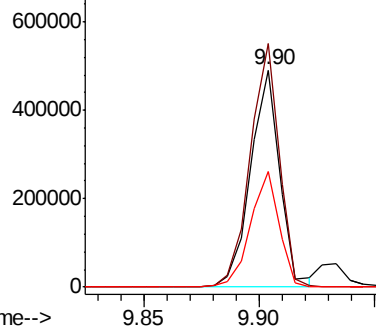


Abundance

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

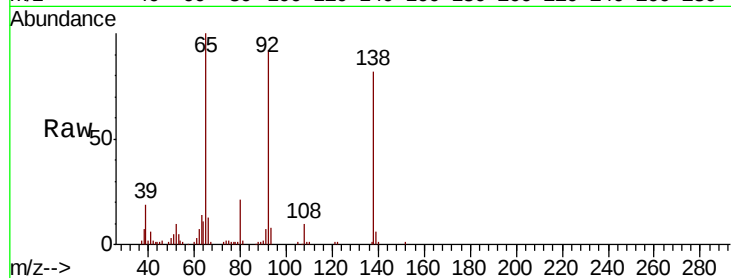




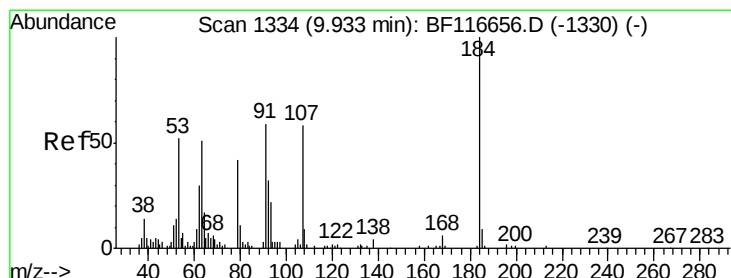
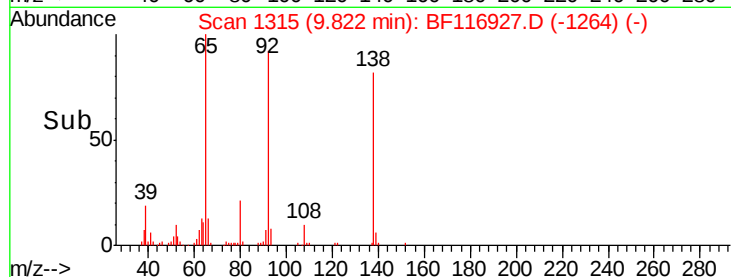
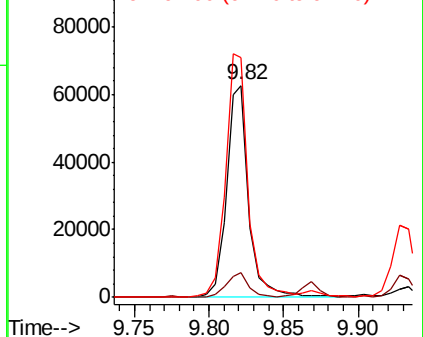
#53
3-Nitroaniline
Concen: 24.447 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 65660
Ion Ratio Lower Upper
138 100
108 11.6 8.5 12.7
92 112.7 87.2 130.8

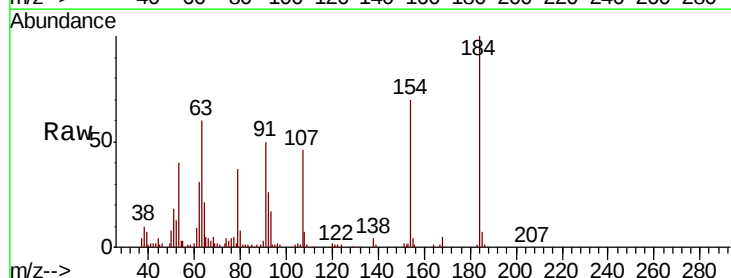


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

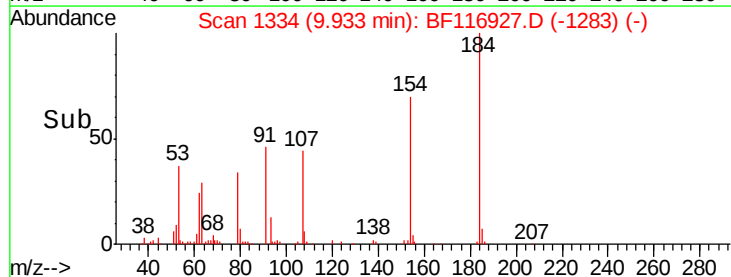
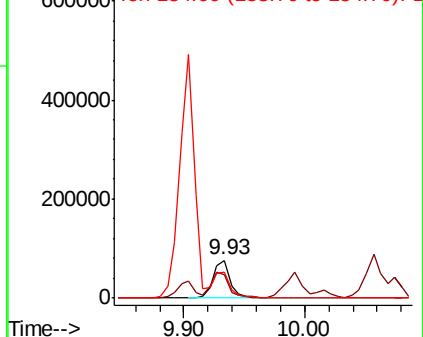


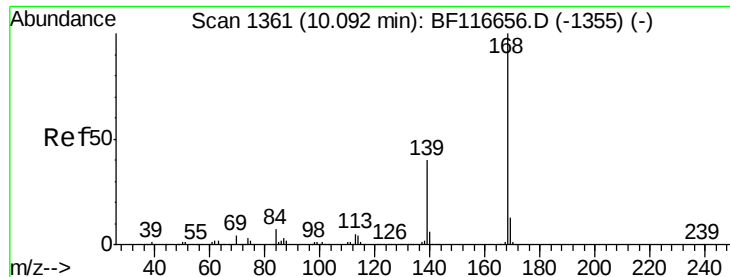
#54
2,4-Dinitrophenol
Concen: 98.066 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:184 Resp: 76326
Ion Ratio Lower Upper
184 100
63 60.4 52.2 78.2
154 70.2 60.8 91.2



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: 50.669 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampled :

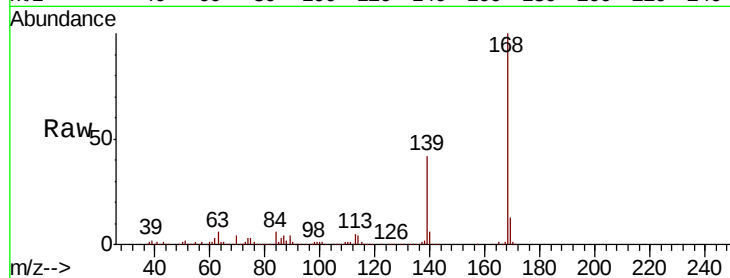
Tot Ion:168 Resp: 648746

Ion Ratio Lower Upper

168 100

139 41.6 31.5 47.3

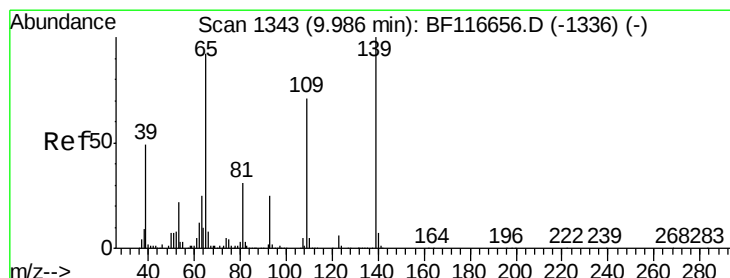
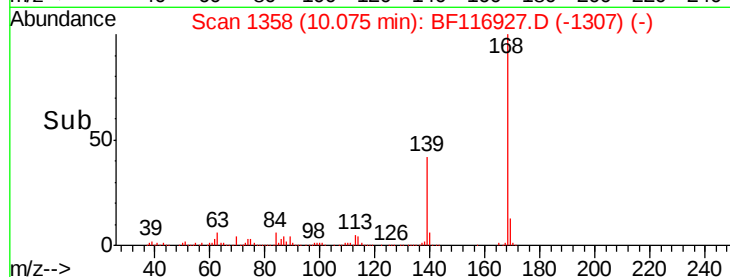
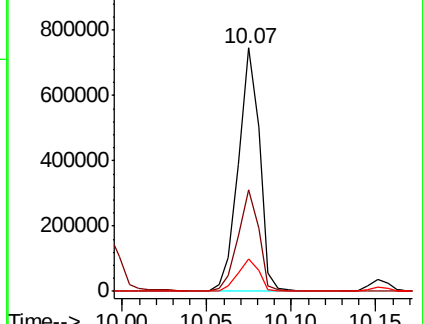
169 13.4 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 100.717 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

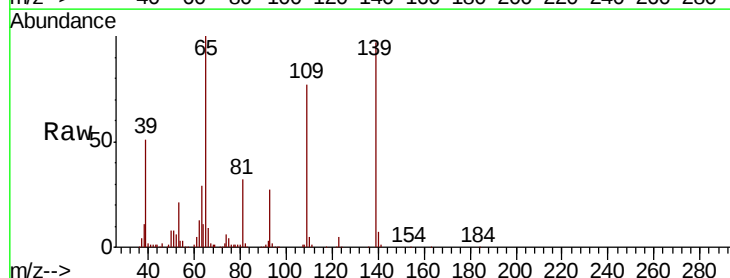
Tgt Ion:139 Resp: 185483

Ion Ratio Lower Upper

139 100

109 79.3 61.7 101.7

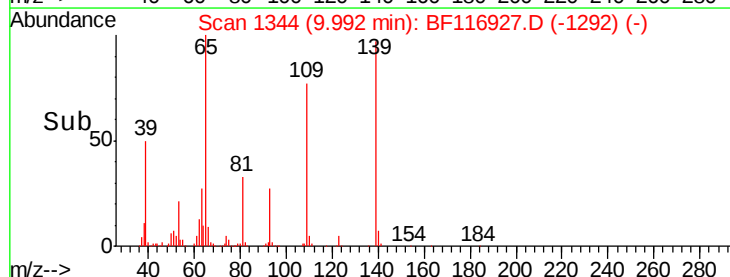
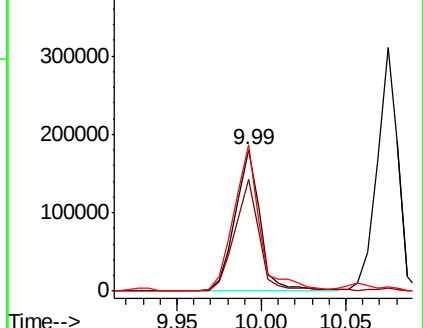
65 103.4 89.1 129.1

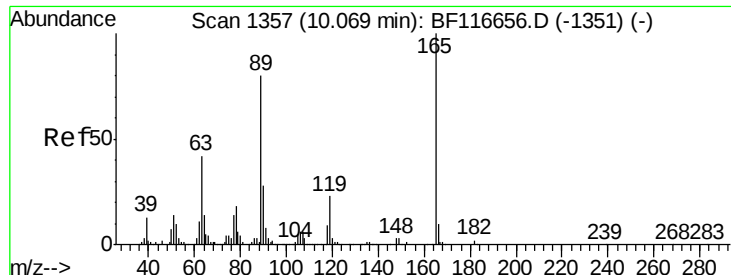


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

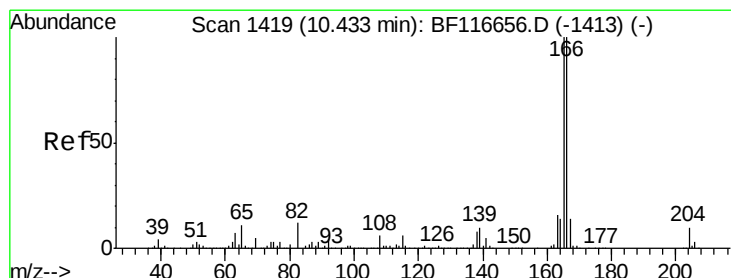
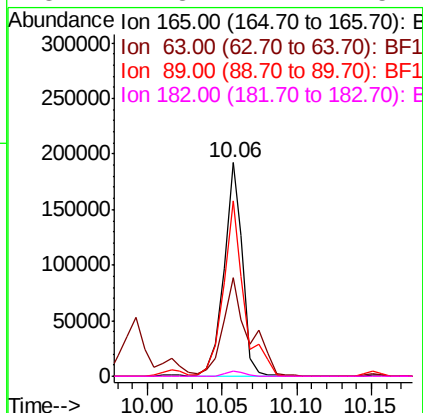
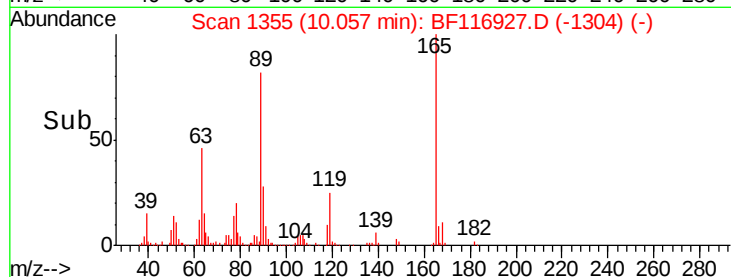
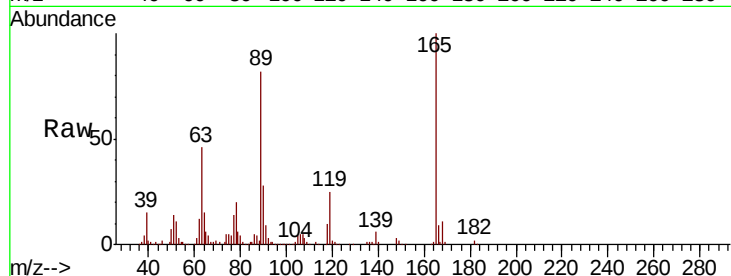




#57
 2,4-Dinitrotoluene
 Concen: 64.390 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

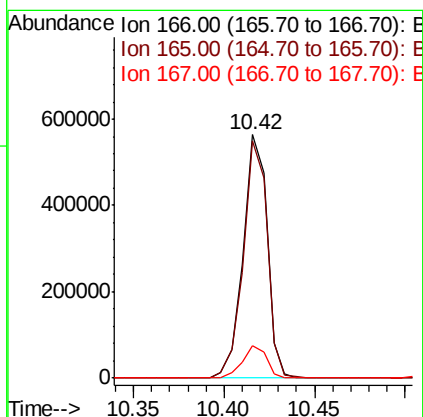
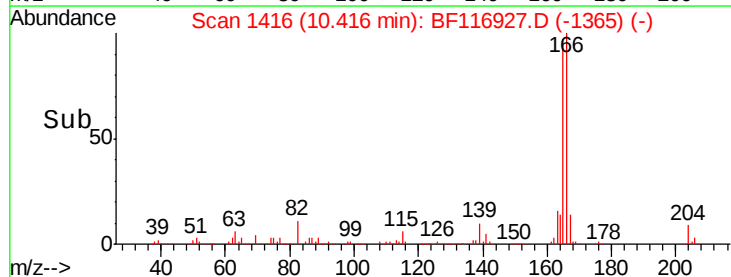
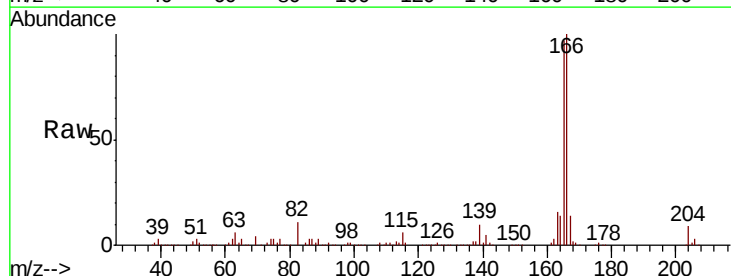
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	46.1	36.4	54.6	
89	81.9	62.6	94.0	
182	2.3	2.1	3.1	



#58
 Fluorene
 Concen: 53.485 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.4	78.8	118.2	
167	13.5	10.0	15.0	





#59

2,3,4,6-Tetrachlorophenol

Concen: 58.506 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 117204

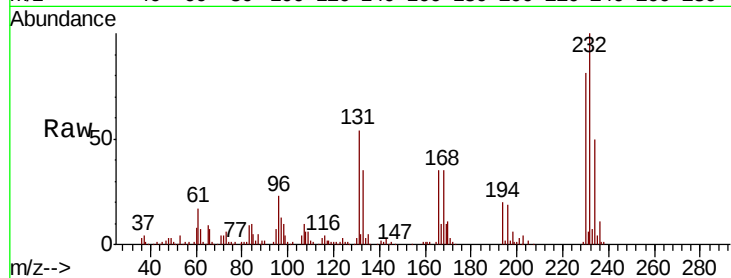
Ion Ratio Lower Upper

232 100

131 57.8 42.7 64.1

130 2.8 1.9 2.9

166 37.6 27.4 41.2

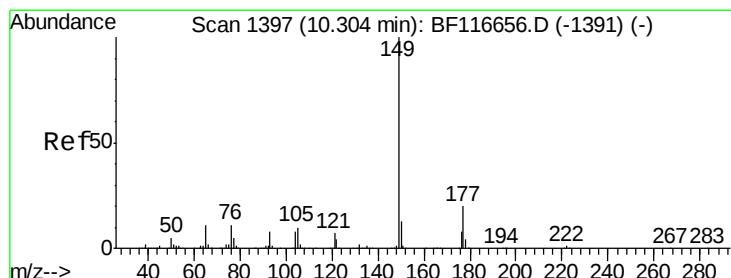
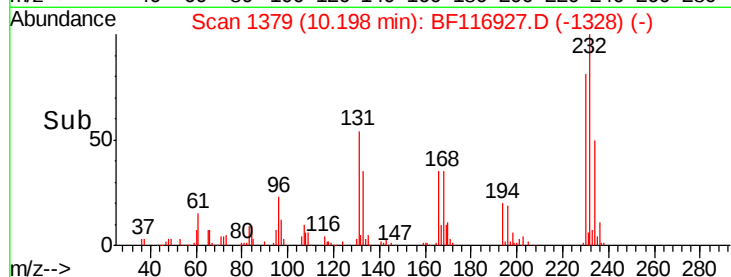
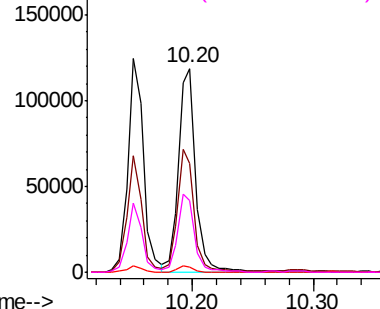


Abundance Ion 232.00 (231.70 to 232.70): E

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: 50.149 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

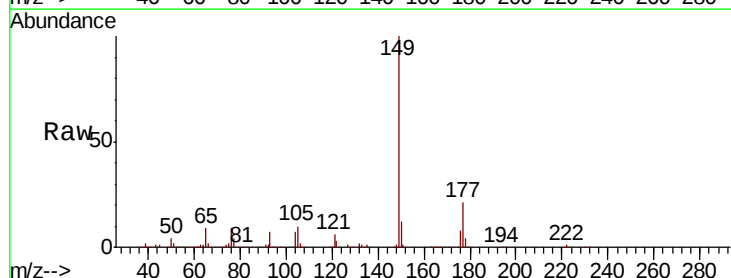
Tgt Ion:149 Resp: 564284

Ion Ratio Lower Upper

149 100

177 20.9 17.2 25.8

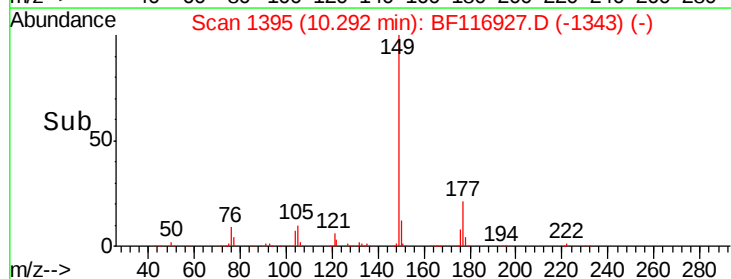
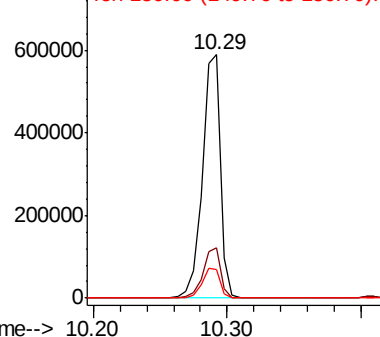
150 12.0 9.7 14.5



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

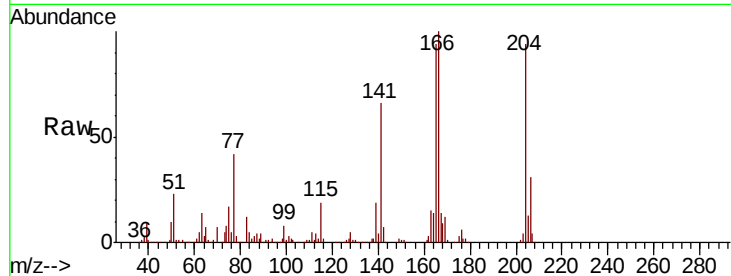




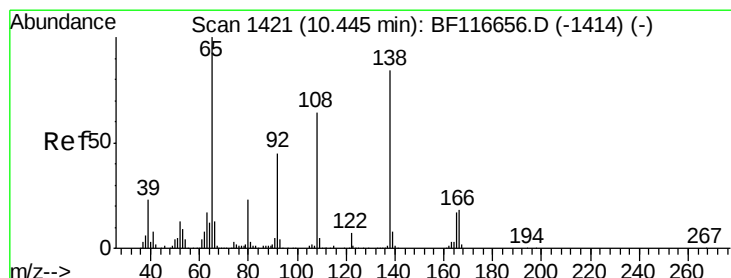
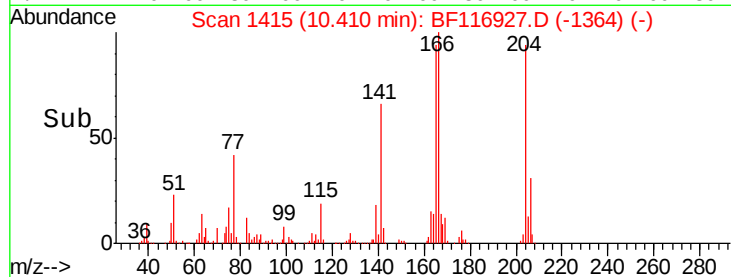
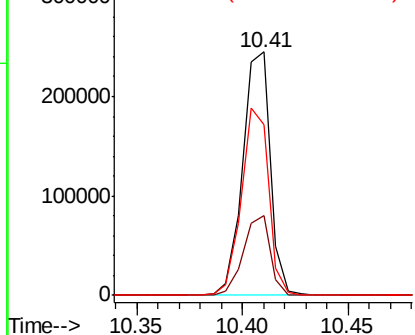
#61
4-Chlorophenyl-phenylether
Concen: 51.932 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 221857
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.2
141 70.1 53.8 80.8

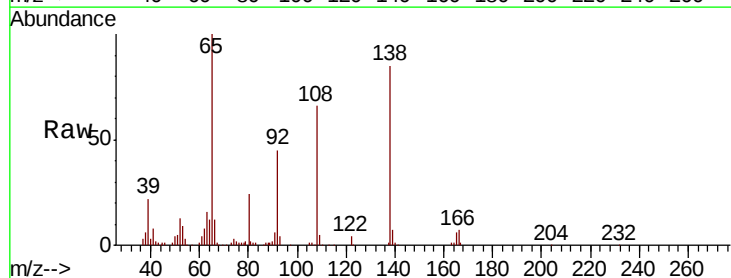


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

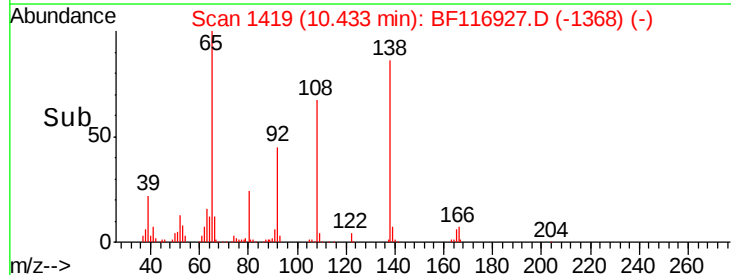
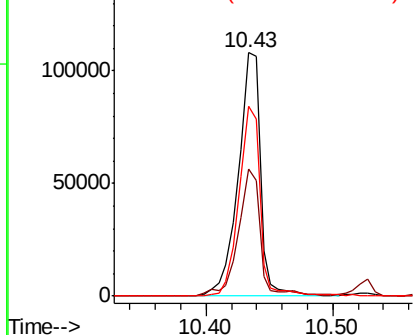


#62
4-Nitroaniline
Concen: 50.571 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:138 Resp: 131816
Ion Ratio Lower Upper
138 100
92 52.5 28.7 68.7
108 77.9 60.4 100.4



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

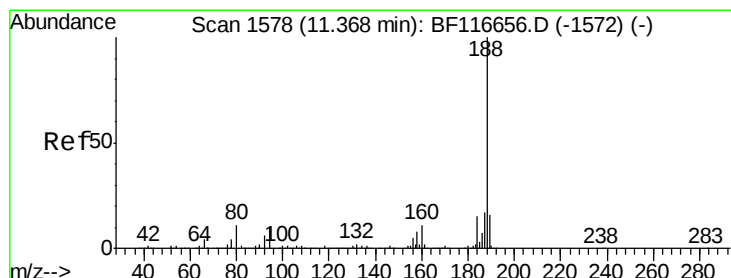
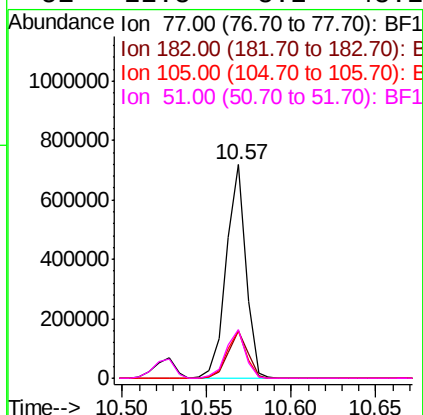
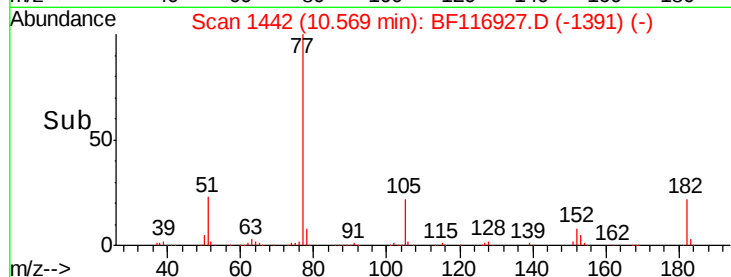
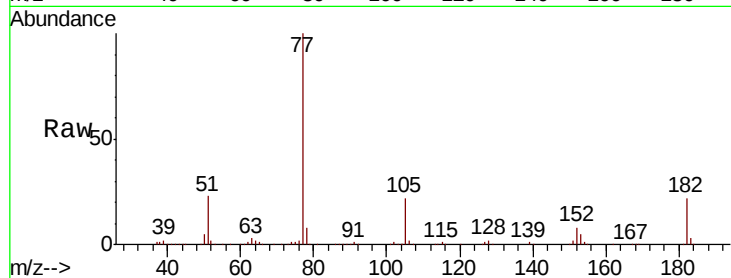




#63
Azobenzene
Concen: 49.010 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

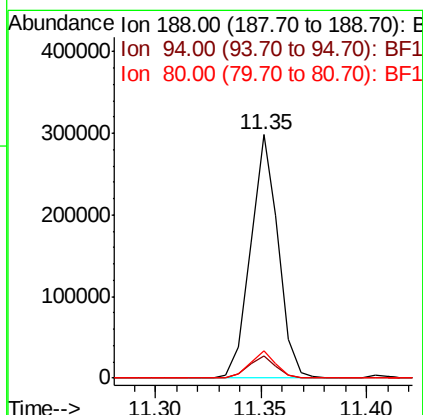
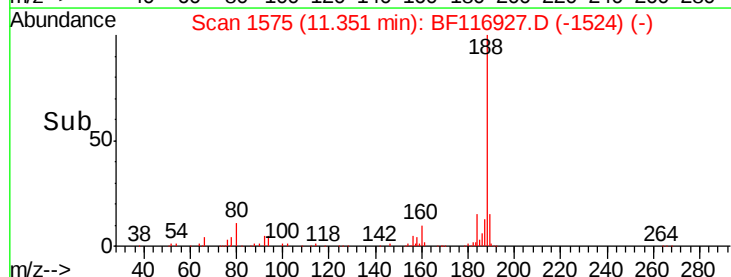
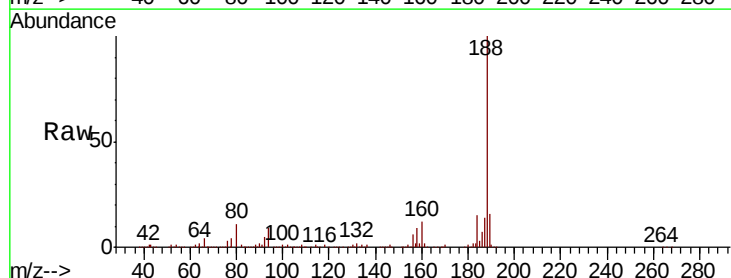
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.3	1.2	41.2	
105	22.0	0.6	40.6	
51	22.8	8.2	48.2	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	7.3	10.9	
80	11.1	8.4	12.6	

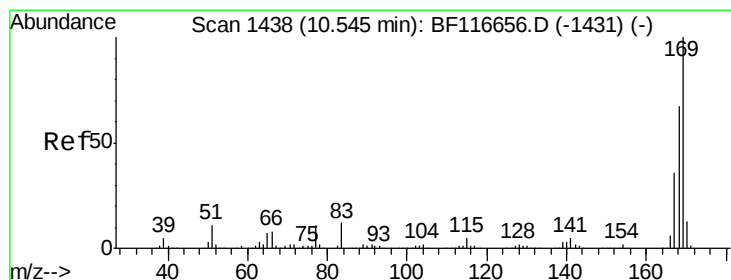
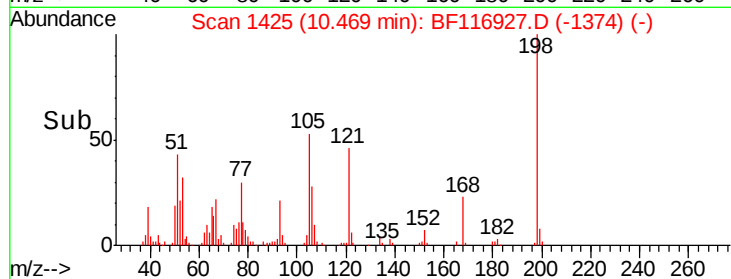
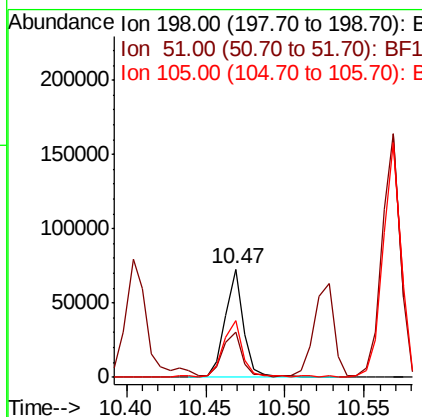
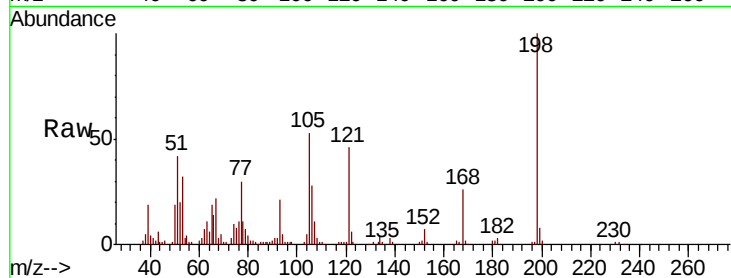




#65
4,6-Dinitro-2-methylphenol
Concen: 57.420 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

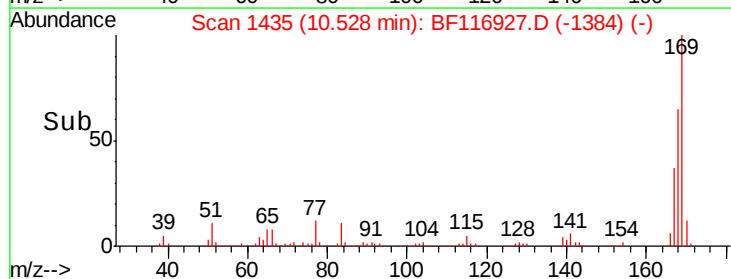
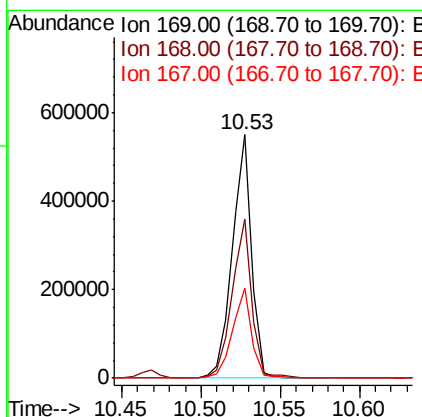
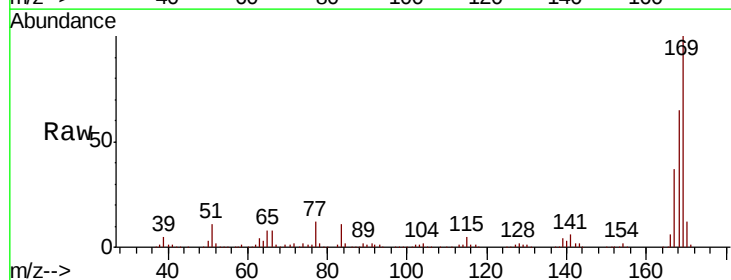
Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 58788
Ion Ratio Lower Upper
198 100
51 42.4 18.4 58.4
105 52.7 22.9 62.9



#66
n-Nitrosodiphenylamine
Concen: 49.547 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:169 Resp: 462536
Ion Ratio Lower Upper
169 100
168 65.4 55.8 83.6
167 36.9 29.4 44.2

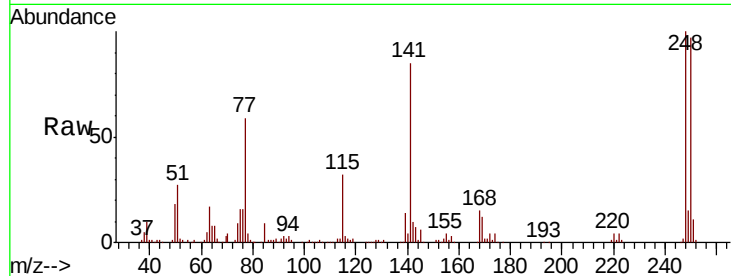




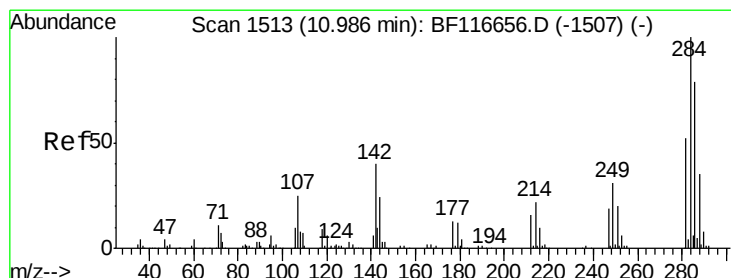
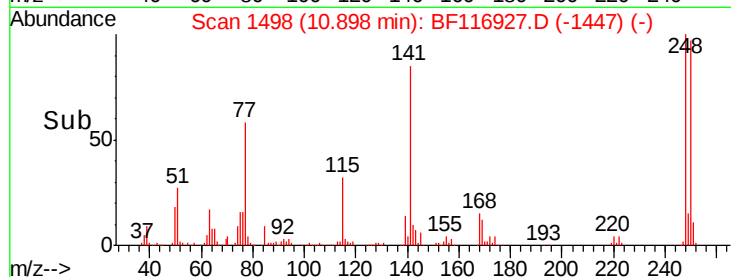
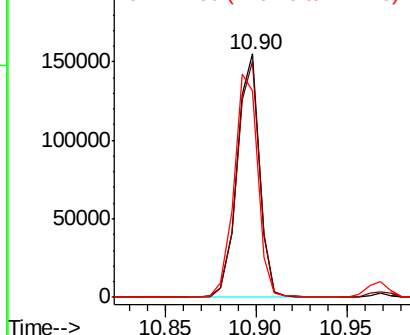
#67
4-Bromophenyl-phenylether
Concen: 48.457 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 132838
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.8
141 84.6 75.9 113.9

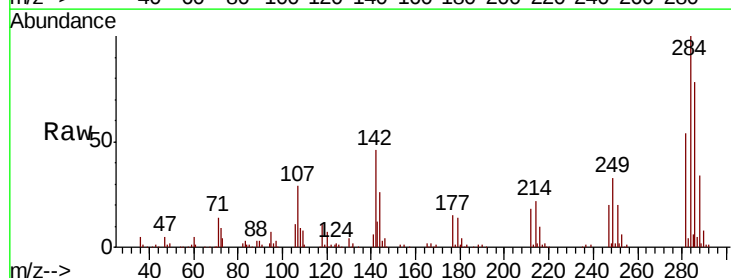


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

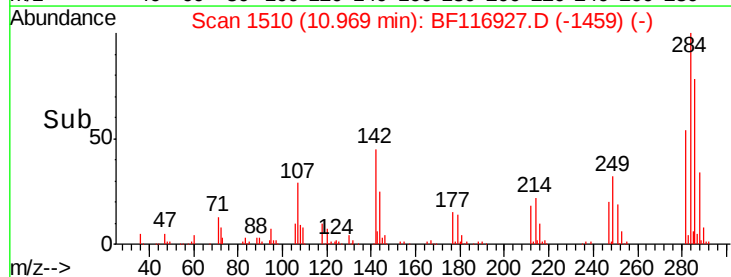
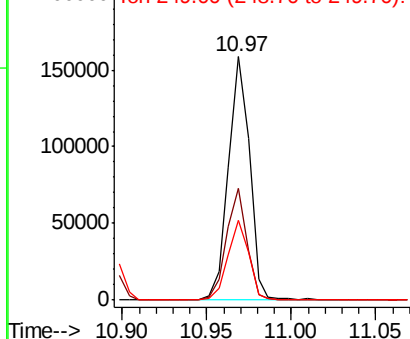


#68
Hexachlorobenzene
Concen: 48.096 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:284 Resp: 137948
Ion Ratio Lower Upper
284 100
142 46.1 34.0 51.0
249 33.0 26.4 39.6



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: 37.773 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

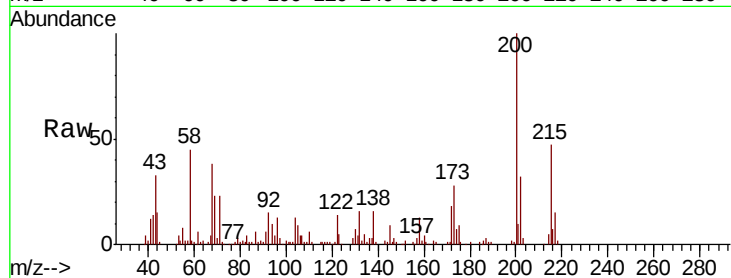
Tot Ion:200 Resp: 98759

Ion Ratio Lower Upper

200 100

173 27.7 6.2 46.2

215 46.6 24.3 64.3

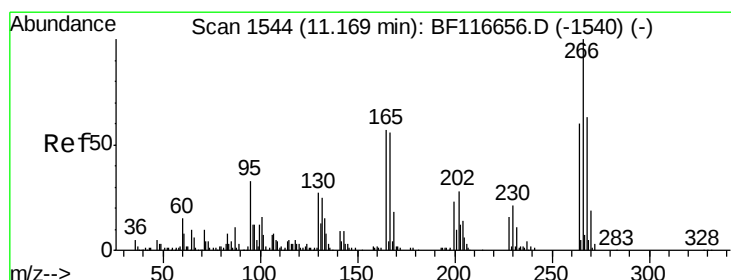
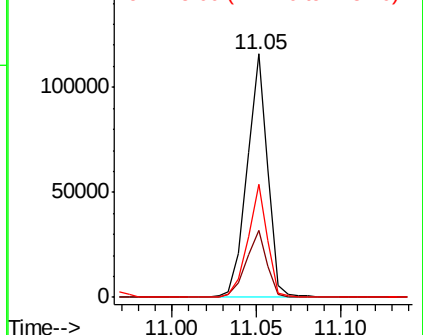
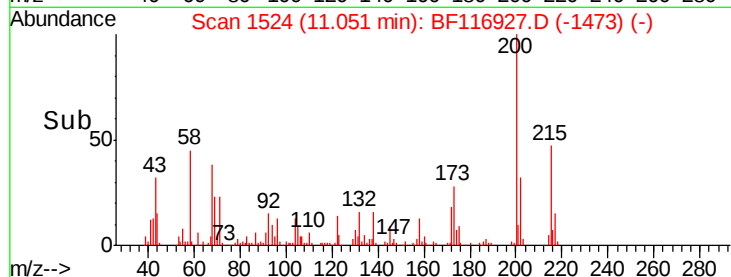


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 114.586 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

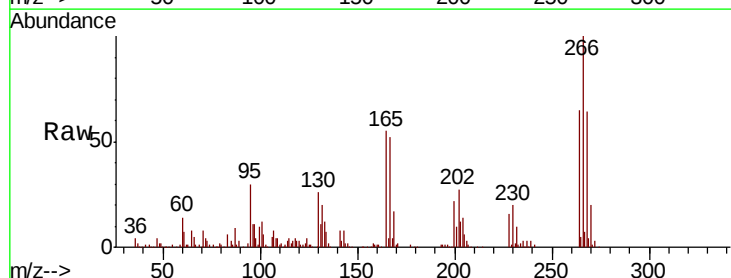
Tgt Ion:266 Resp: 158985

Ion Ratio Lower Upper

266 100

268 63.7 51.2 76.8

264 64.5 51.9 77.9

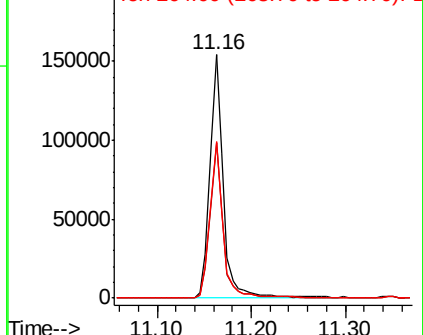
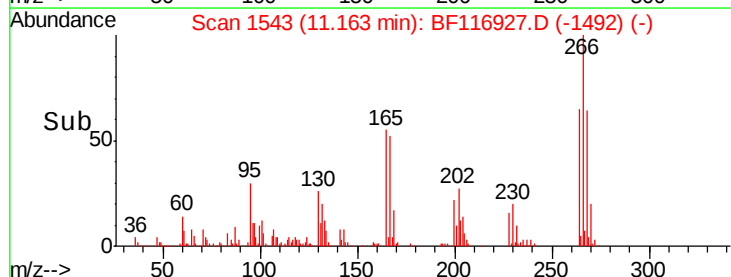


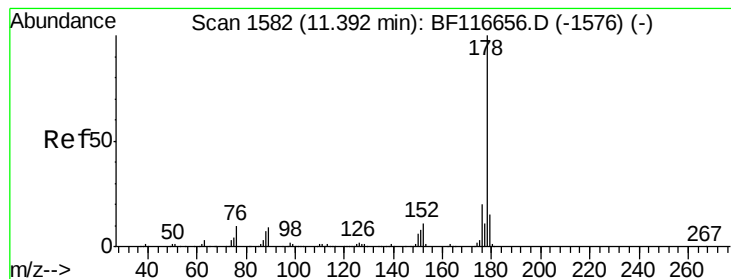
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.832 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

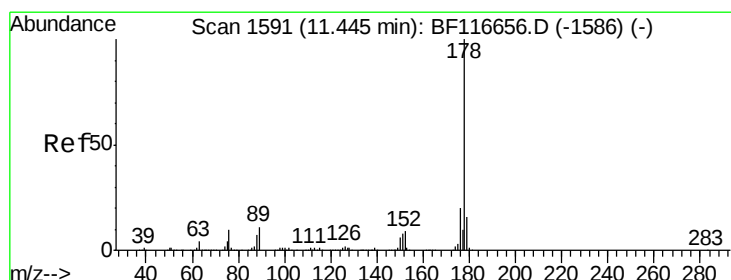
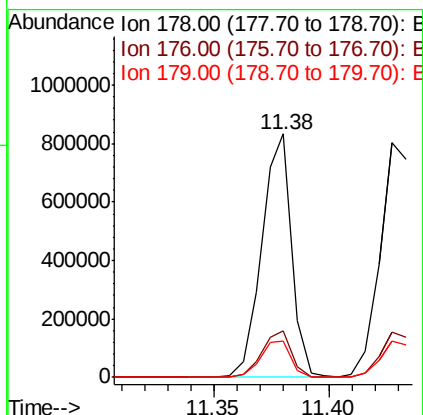
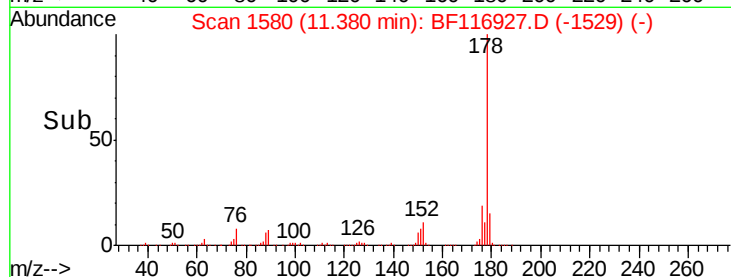
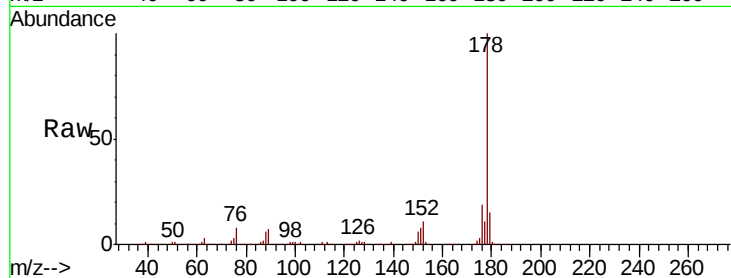
Tot Ion:178 Resp: 748570

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 14.9 12.2 18.2



#72

Anthracene

Concen: 50.700 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

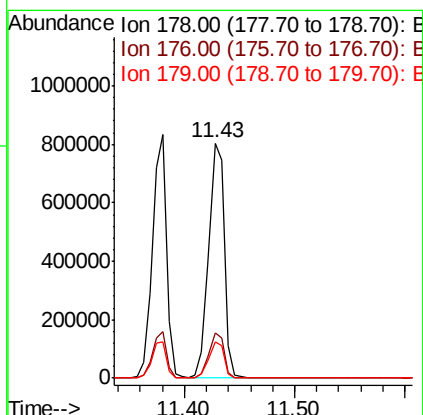
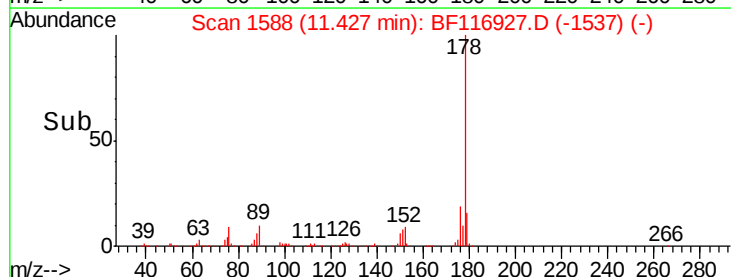
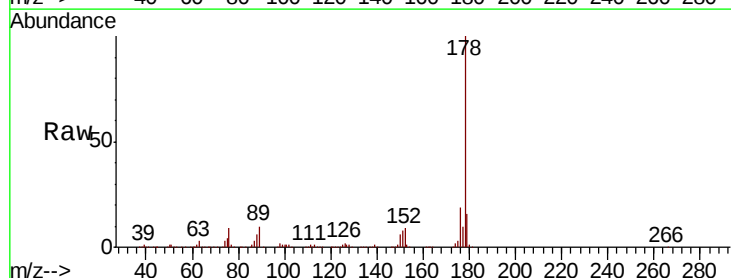
Tgt Ion:178 Resp: 766667

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.5 12.5 18.7

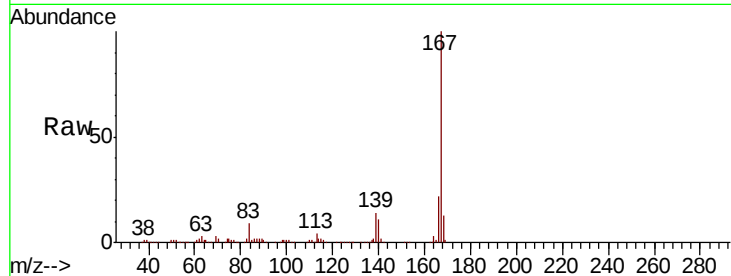




#73
 Carbazole
 Concen: 50.170 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	14.5	11.1	16.7

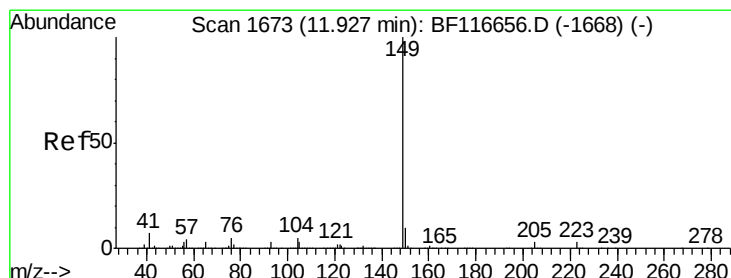
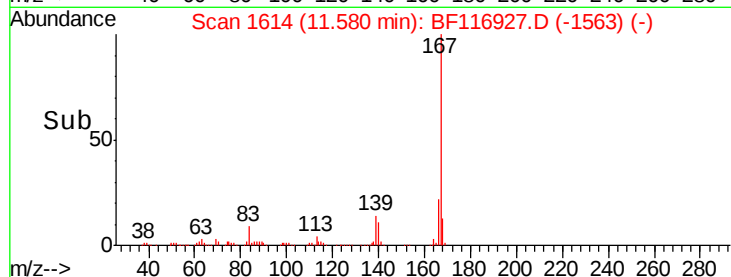
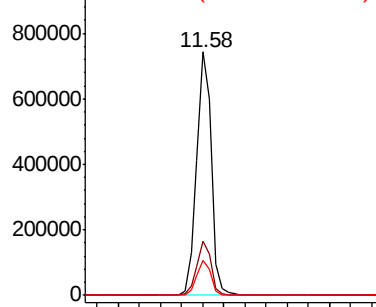


Abundance

Ion 167.00 (166.70 to 167.70): E

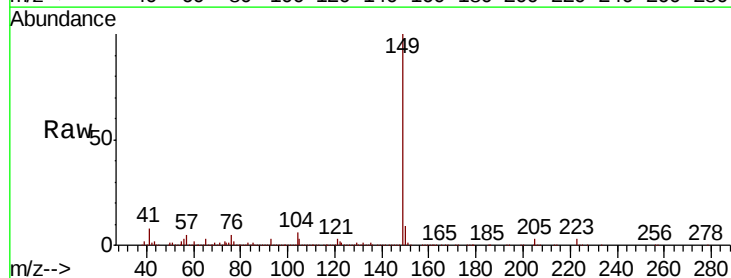
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 47.564 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.6	4.2	6.2

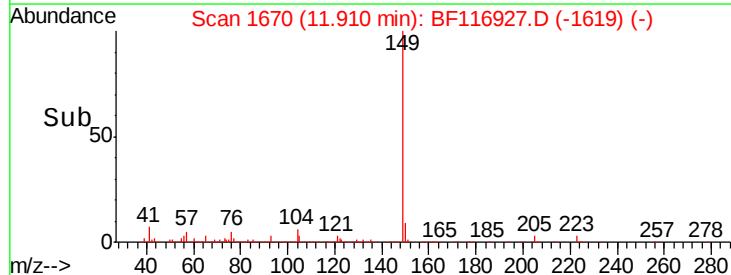
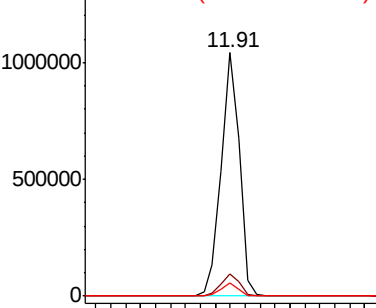


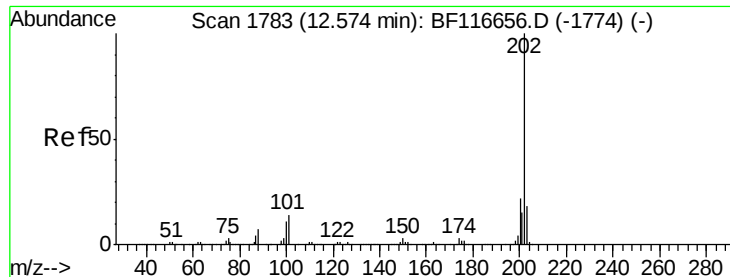
Abundance

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: 50.383 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

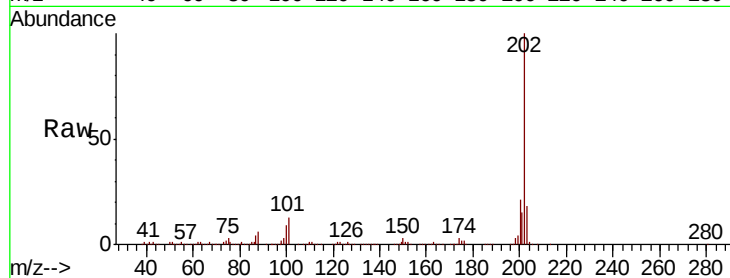
Tot Ion:202 Resp: 743789

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.3

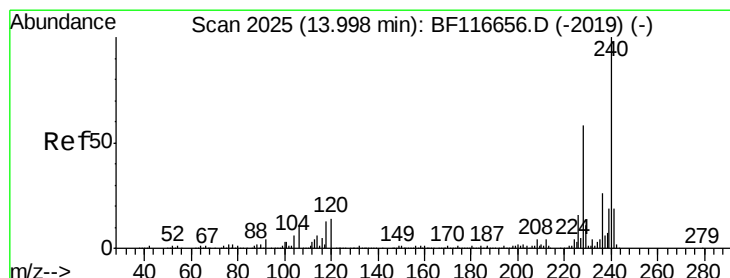
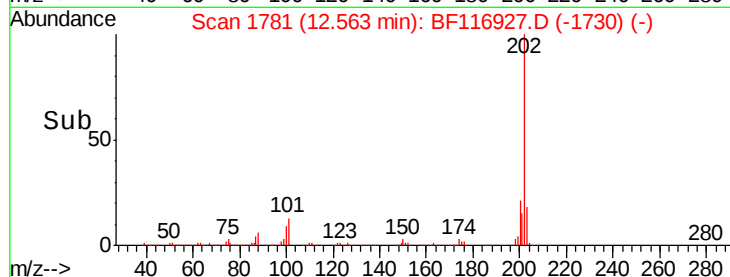
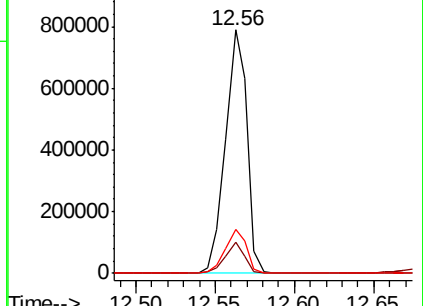
203 18.1 0.0 37.6



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. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

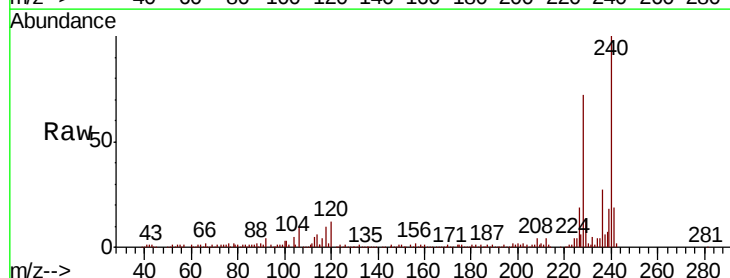
Tgt Ion:240 Resp: 171352

Ion Ratio Lower Upper

240 100

120 12.1 9.1 13.7

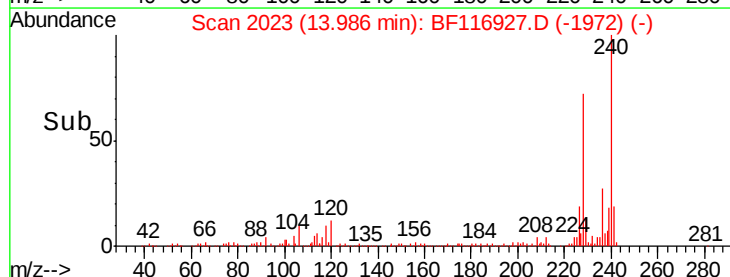
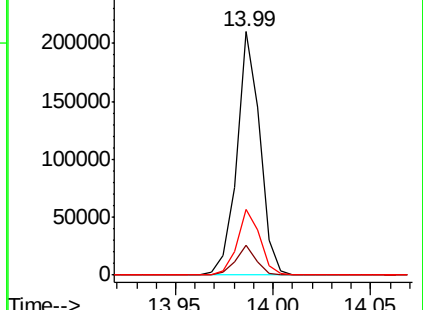
236 27.0 21.1 31.7

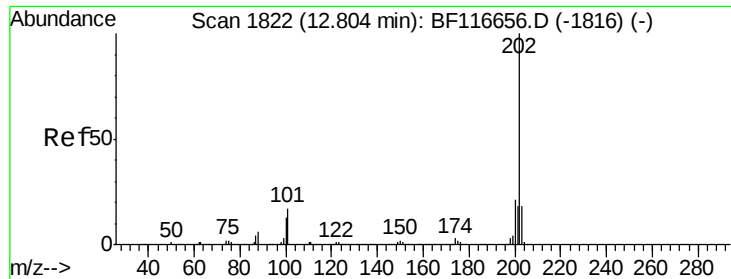


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 49.327 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

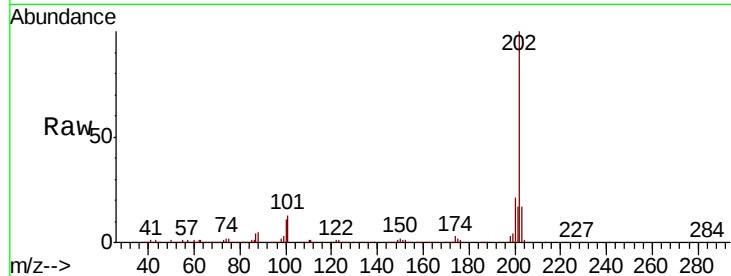
Tot Ion:202 Resp: 751354

Ion Ratio Lower Upper

202 100

200 21.0 16.5 24.7

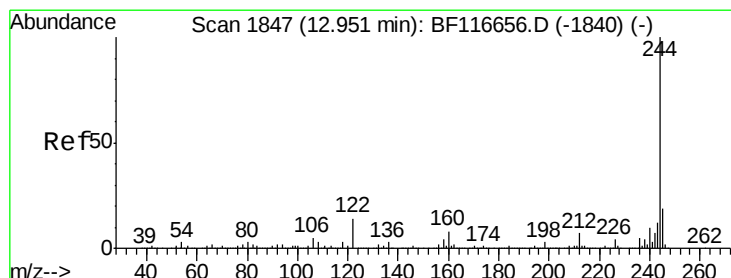
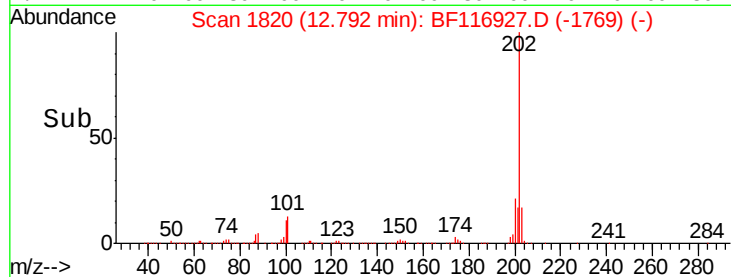
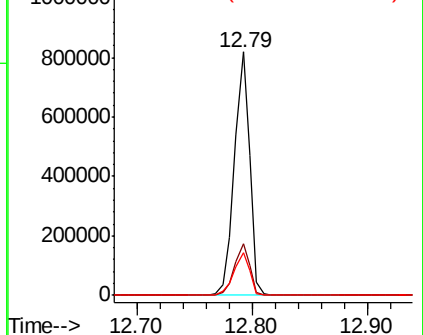
203 17.5 13.7 20.5



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: 101.209 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

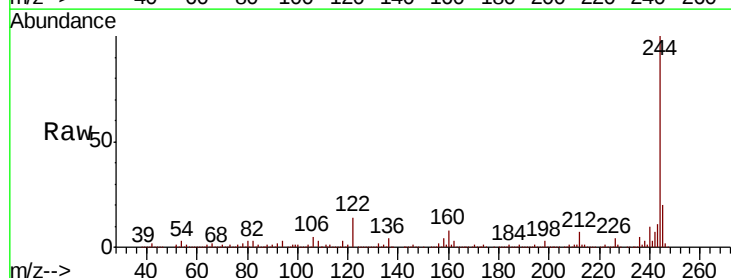
Tgt Ion:244 Resp: 937456

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

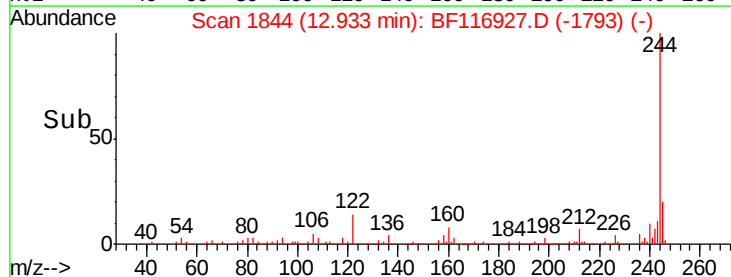
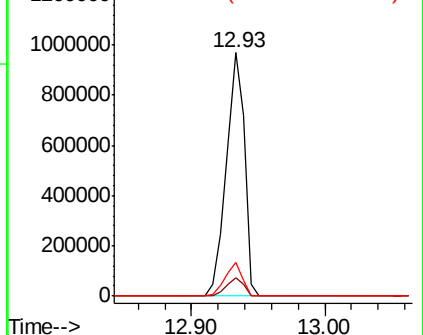
122 14.0 10.2 15.4

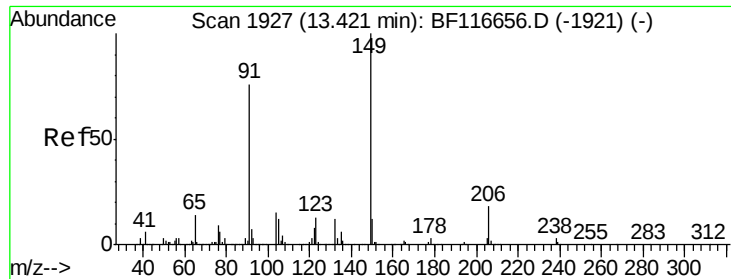


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

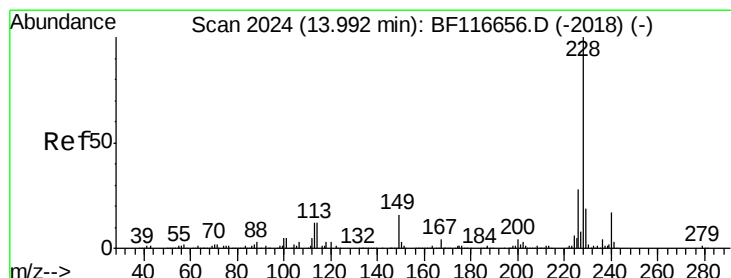
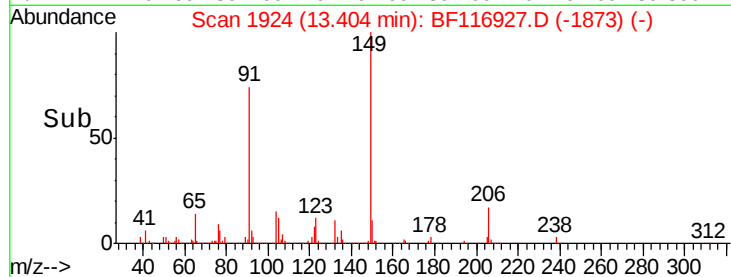
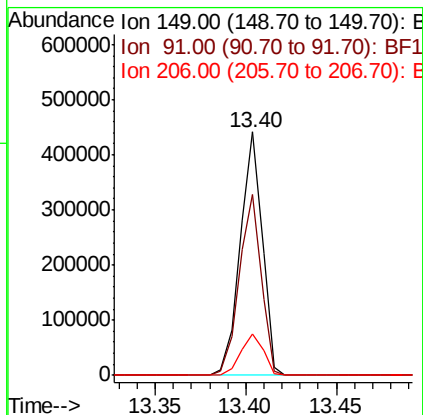
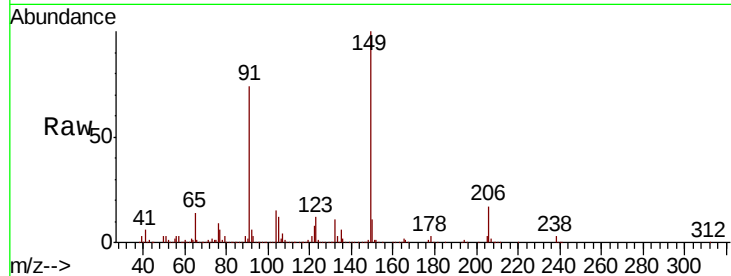




#80
Butylbenzylphthalate
Concen: 50.445 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

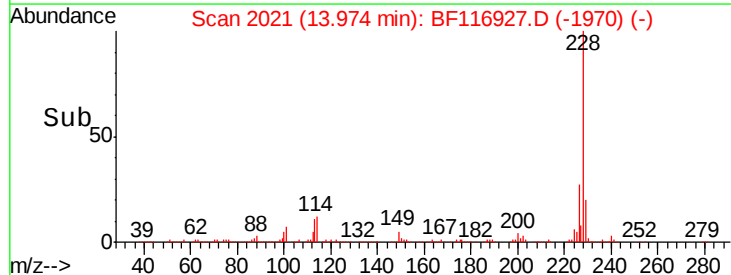
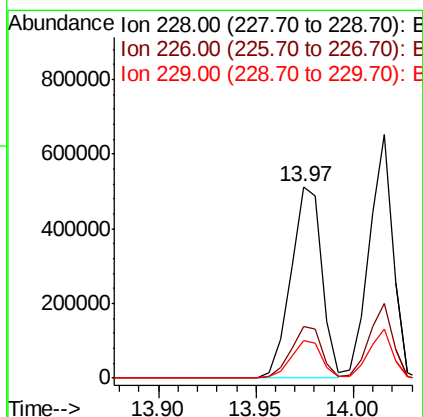
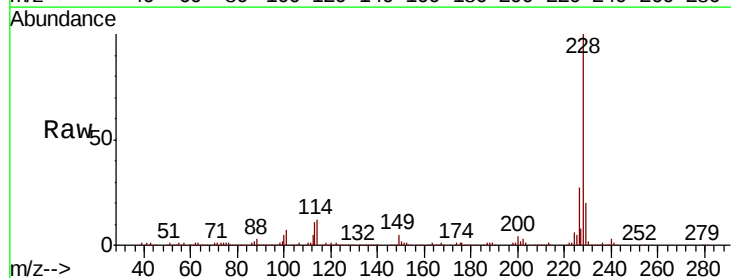
Instrument :
BNA_F
ClientSampled :

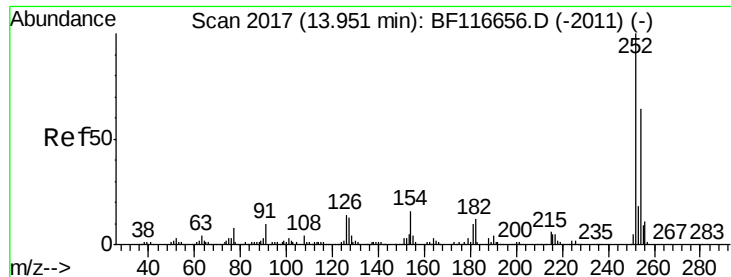
Tot Ion:149 Resp: 373660
Ion Ratio Lower Upper
149 100
91 74.3 61.0 91.4
206 17.2 14.8 22.2



#81
Benzo(a)anthracene
Concen: 51.645 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:228 Resp: 560079
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 19.9 16.4 24.6

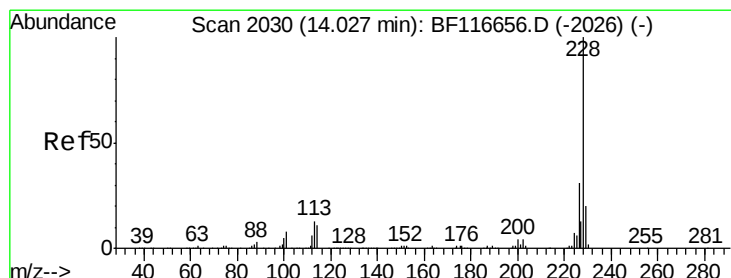
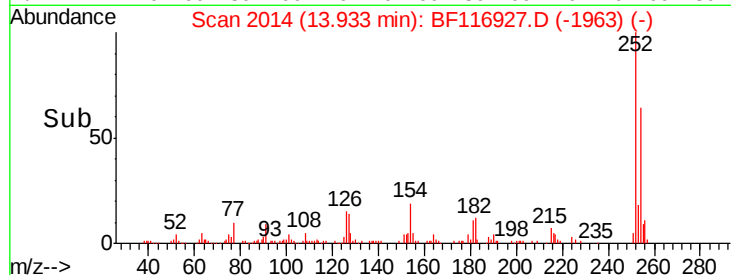
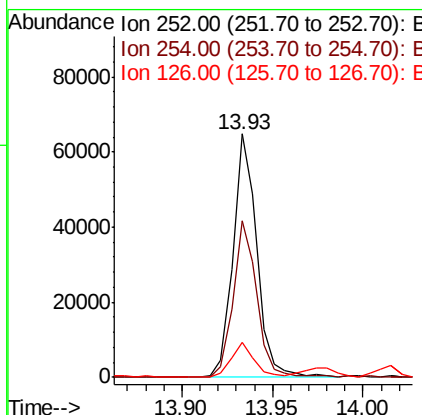
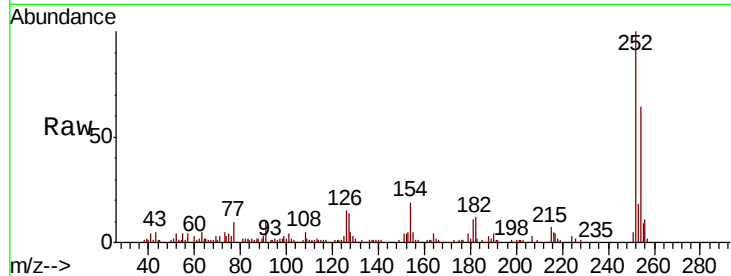




#82
 3,3'-Dichlorobenzidine
 Concen: 16.177 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

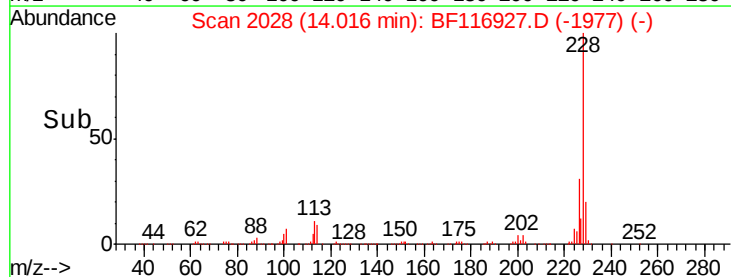
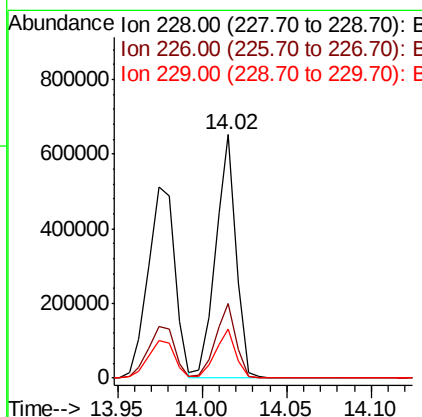
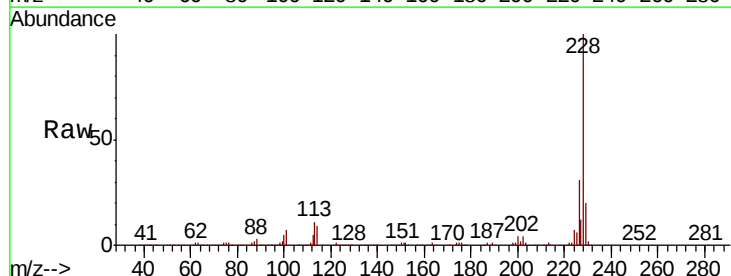
Instrument :
 BNA_F
 ClientSampleId :

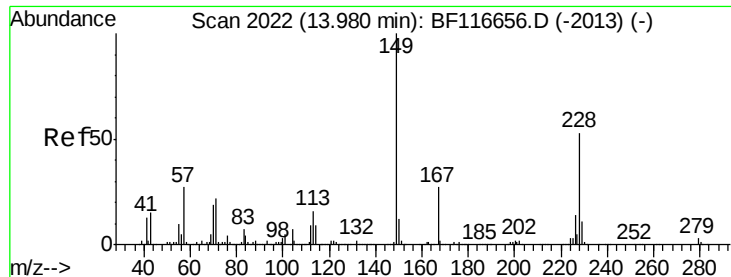
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.1	75.1
126	14.6	10.6	16.0



#83
 Chrysene
 Concen: 49.289 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.0	15.4	23.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 55.190 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

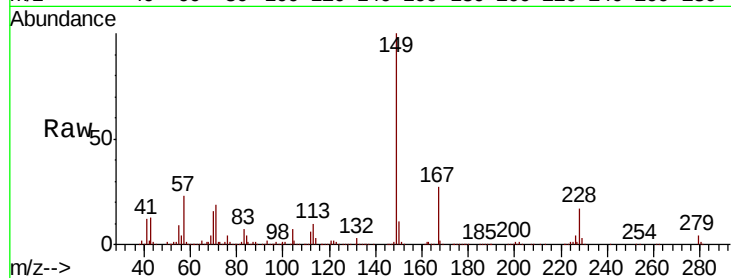
Tot Ion:149 Resp: 504641

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

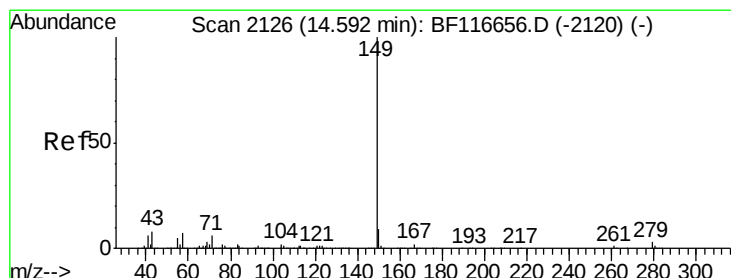
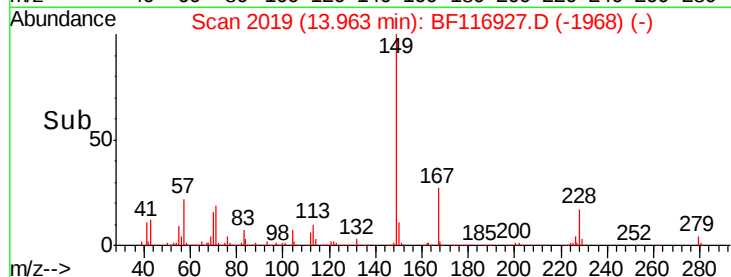
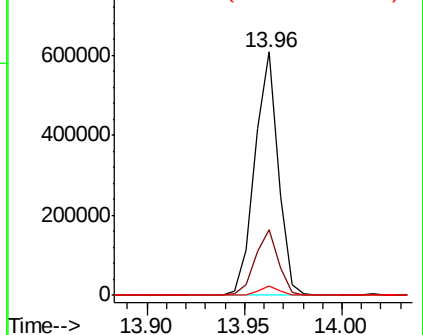
279 3.6 2.8 4.2



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: 53.309 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

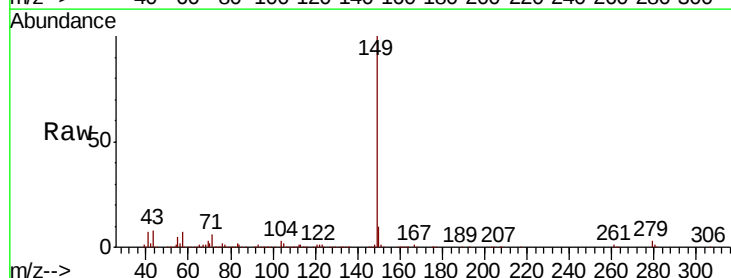
Tgt Ion:149 Resp: 797685

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

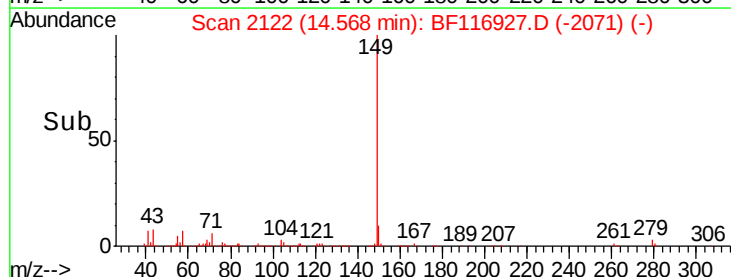
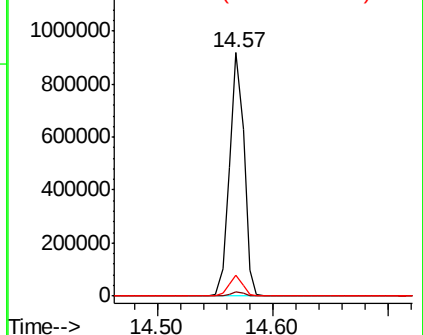
43 7.7 7.8 11.8#

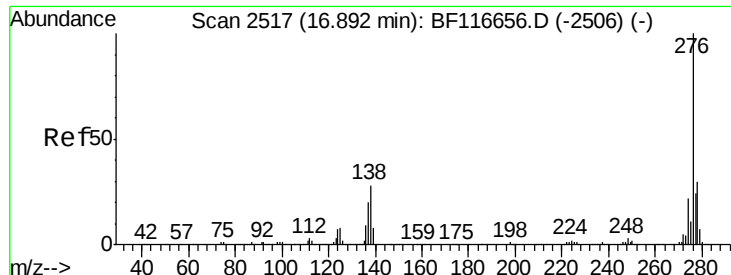


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

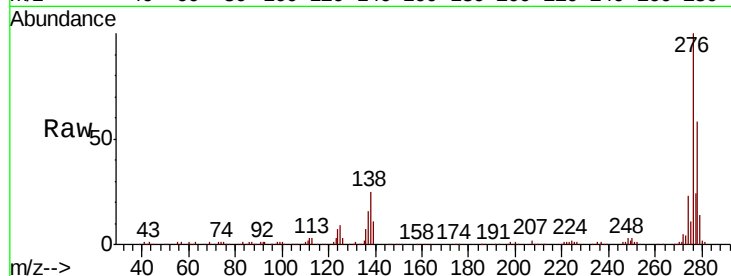




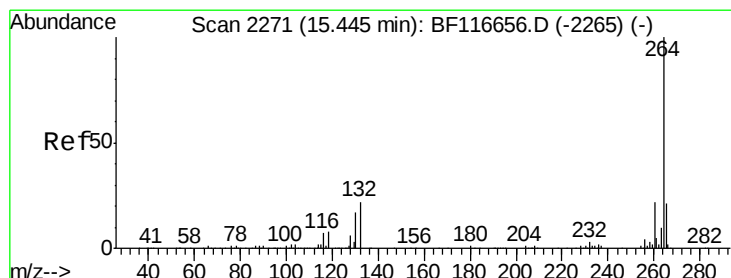
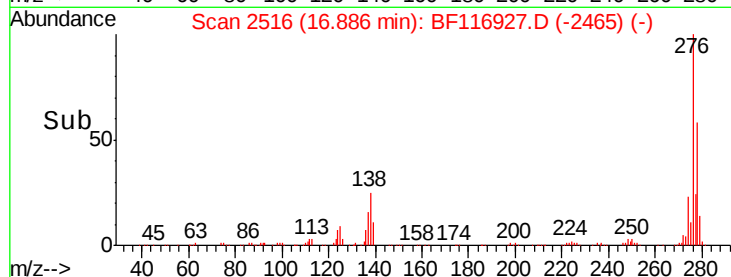
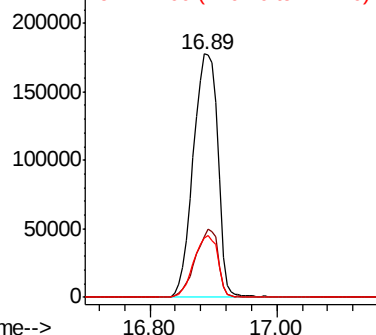
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 53.185 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.4	29.2
277	24.8	20.5	30.7

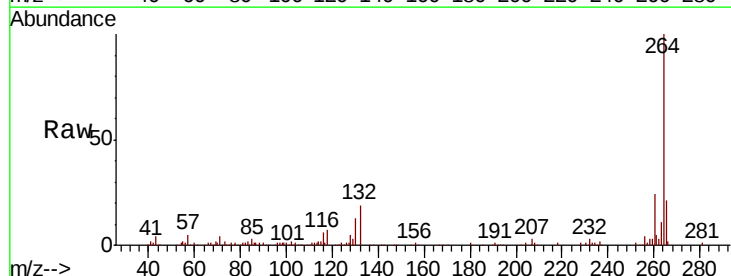


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

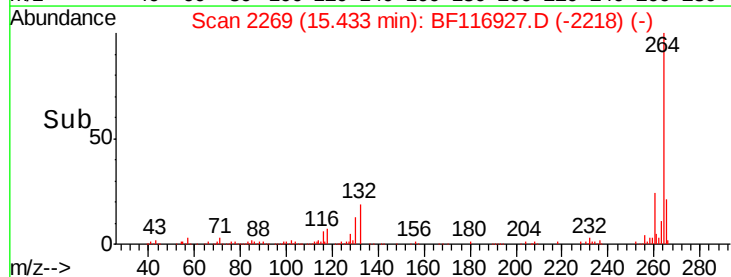
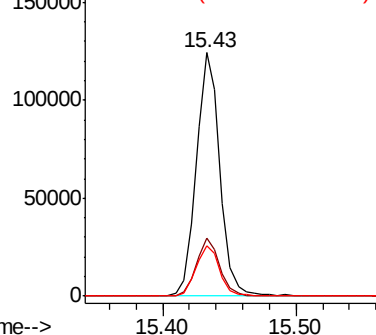


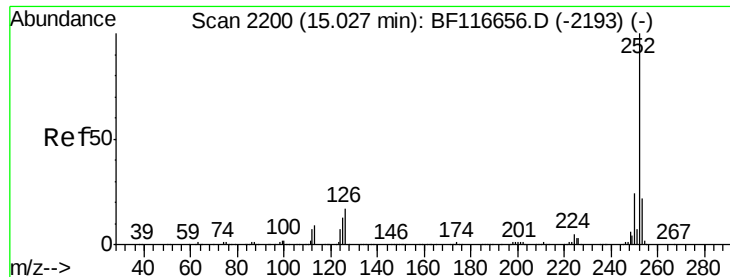
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	20.8	16.5	24.7



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

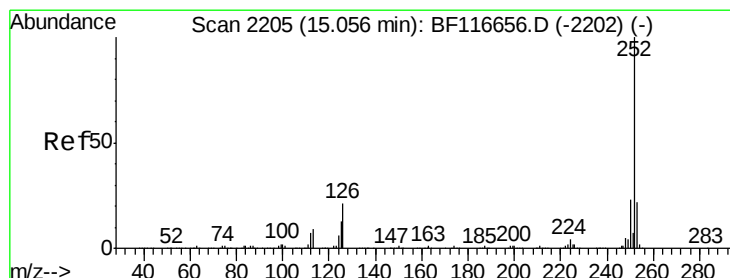
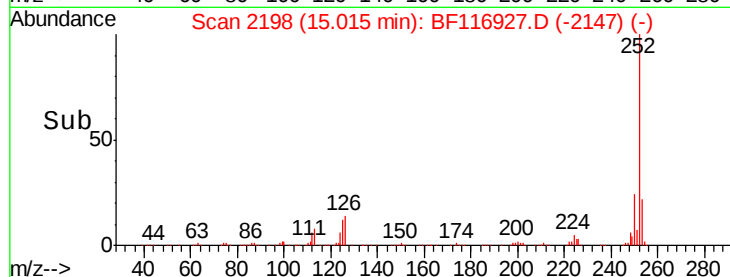
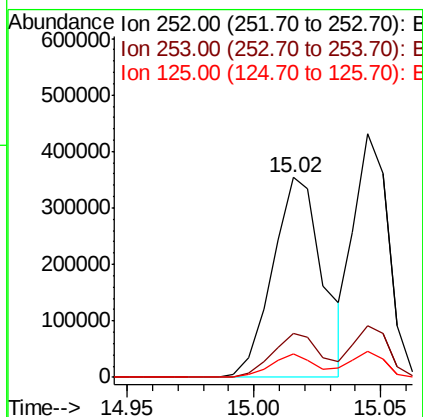
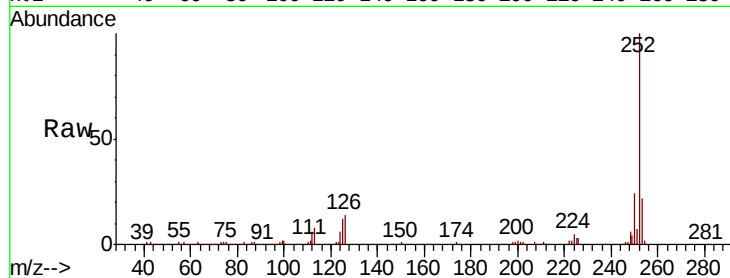




#88
Benzo(b)fluoranthene
Concen: 52.716 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

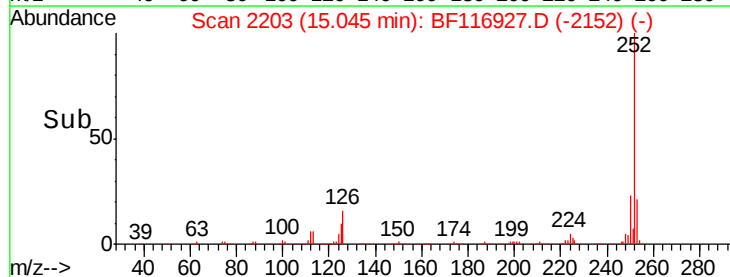
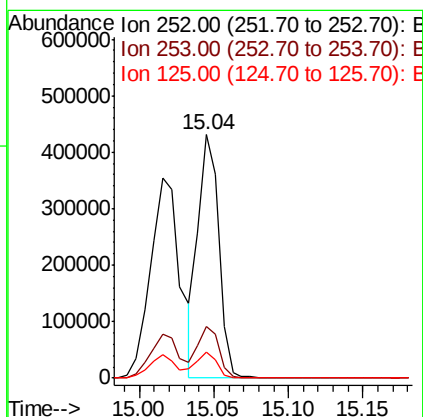
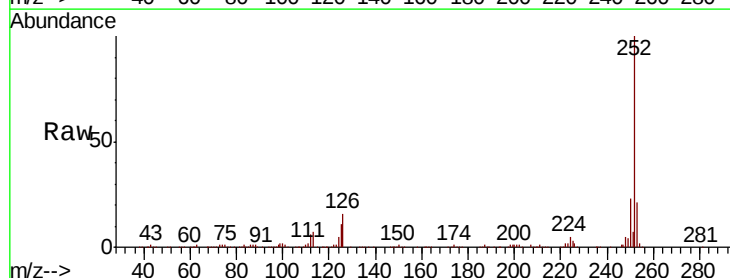
Instrument :
BNA_F
ClientSampleId :

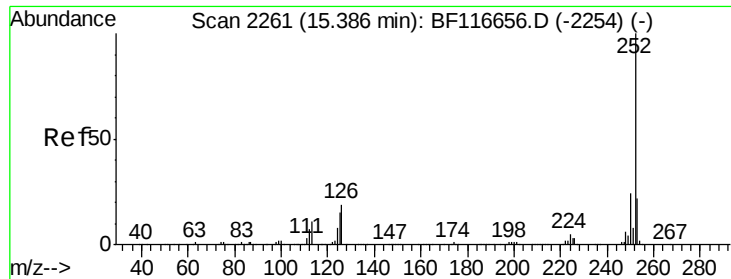
Tot Ion:252 Resp: 489701
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.8 8.2 12.2



#89
Benzo(k)fluoranthene
Concen: 48.314 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:252 Resp: 409213
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 10.5 8.6 13.0

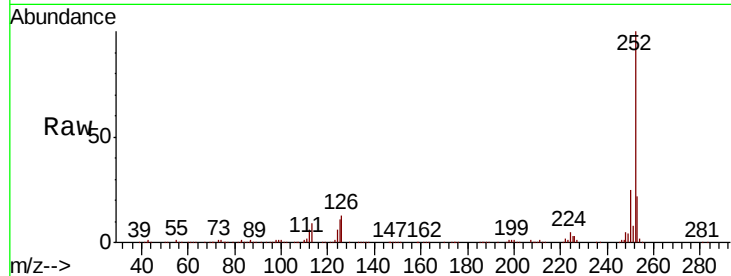




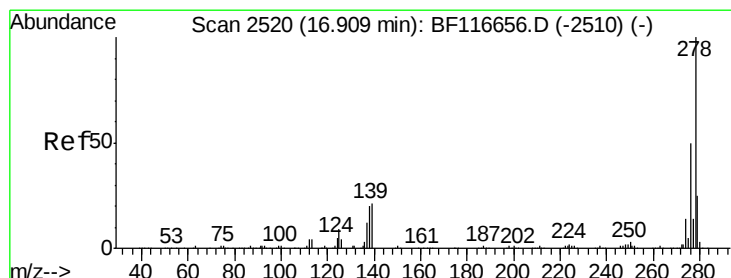
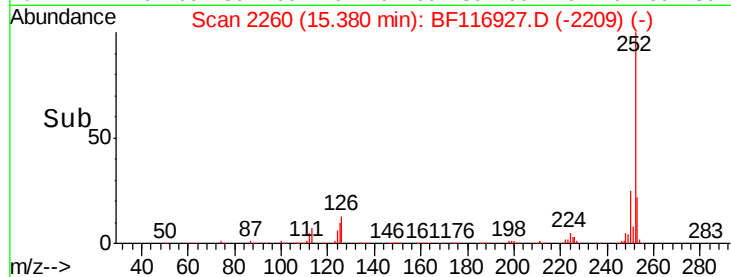
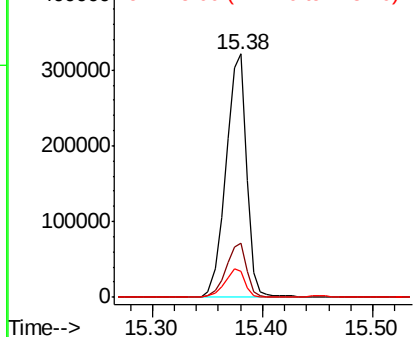
#90
Benzo(a)pyrene
Concen: 52.244 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 422235
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.9 9.8 14.8

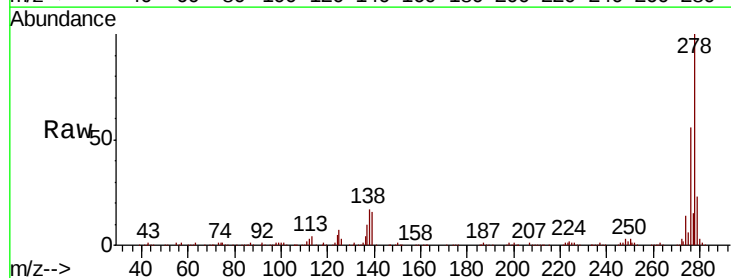


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

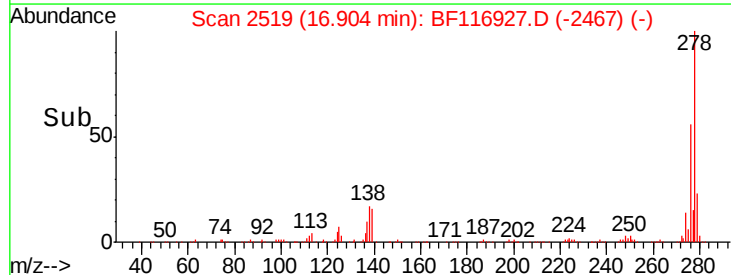
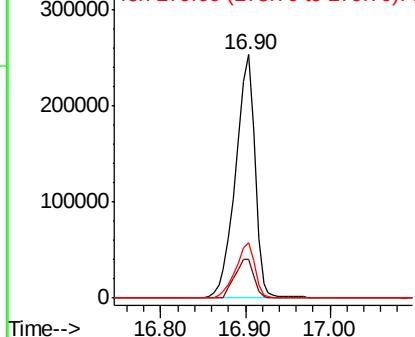


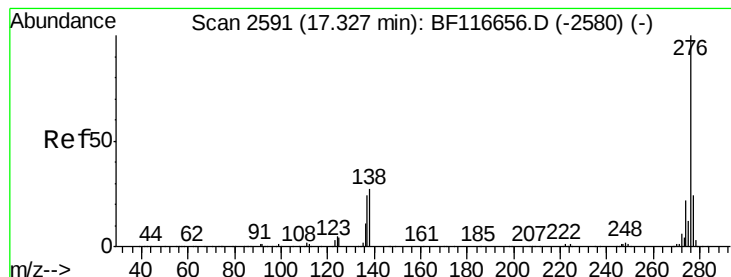
#91
Dibenzo(a,h)anthracene
Concen: 56.487 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:278 Resp: 399598
Ion Ratio Lower Upper
278 100
139 16.1 12.4 18.6
279 22.6 18.2 27.4



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(a,h,i)perylene
 Concen: 56.274 ng
 RT: 17.32 min Scan# 2590
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	23.6	16.2	24.2

