

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116612.D
 Acq On : 28 Aug 2019 13:26
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

Quant Time: Aug 28 17:04:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120113	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	519932	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	259190	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	491475	20.00	ng	0.00
76) Chrysene-d12	14.02	240	282328	20.00	ng	0.00
87) Perylene-d12	15.47	264	248792	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	591129	85.00	ng	0.00
7) Phenol-d6	6.49	99	765645	81.21	ng	0.00
23) Nitrobenzene-d5	7.43	82	745315	82.02	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	222035	90.02	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1318616	84.67	ng	0.00
79) Terphenyl-d14	12.96	244	1356110	78.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	130871	40.455	ng	100
3) Pyridine	3.38	79	378752	41.629	ng	99
4) n-Nitrosodimethylamine	3.32	42	140156	41.452	ng	99
6) Aniline	6.53	93	523123	41.189	ng	99
8) 2-Chlorophenol	6.65	128	329352	42.027	ng	99
9) Benzaldehyde	6.42	77	235195	42.516	ng	100
10) Phenol	6.50	94	435907	42.151	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	320192	41.660	ng	99
12) 1,3-Dichlorobenzene	6.81	146	380321	40.969	ng	99
13) 1,4-Dichlorobenzene	6.89	146	380451	41.016	ng	100
14) 1,2-Dichlorobenzene	7.04	146	361604	41.251	ng	98
15) Benzyl Alcohol	7.00	79	306492	41.788	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	428327	41.088	ng	99
17) 2-Methylphenol	7.12	107	287323	40.945	ng	99
18) Hexachloroethane	7.39	117	140231	40.944	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	248975	41.527	ng	99
20) 3+4-Methylphenols	7.27	107	361138	42.364	ng	98
22) Acetophenone	7.27	105	492647	40.343	ng	99
24) Nitrobenzene	7.45	77	376403	40.851	ng	98
25) Isophorone	7.69	82	668627	40.421	ng	99
26) 2-Nitrophenol	7.76	139	183913	41.532	ng	98
27) 2,4-Dimethylphenol	7.80	122	268272	38.689	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	422592	39.331	ng	99
29) 2,4-Dichlorophenol	8.00	162	286629	39.551	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	335147	40.257	ng	99
31) Naphthalene	8.17	128	1020869	40.989	ng	100
32) Benzoic acid	7.91	122	234147	39.514	ng	98
33) 4-Chloroaniline	8.22	127	449581	40.957	ng	100
34) Hexachlorobutadiene	8.29	225	188817	40.707	ng	99
35) Caprolactam	8.58	113	87663	40.511	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	307896	42.177	ng	98
37) 2-Methylnaphthalene	8.86	142	633822	40.750	ng	98
38) 1-Methylnaphthalene	8.96	142	608486	40.058	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	303709	42.709	ng	99

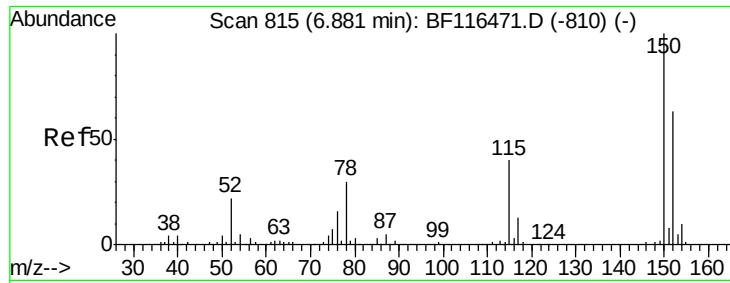
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116612.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	167514	40.680	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	211319	42.313	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	215401	42.882	nq	98
46) 1,1'-Biphenyl	9.32	154	822717	41.815	nq	98
47) 2-Chloronaphthalene	9.35	162	634914	41.395	nq	99
48) 2-Nitroaniline	9.44	65	203190	41.886	nq	99
49) Acenaphthylene	9.76	152	901721	40.026	nq	100
50) Dimethylphthalate	9.62	163	748875	42.977	nq	100
51) 2,6-Dinitrotoluene	9.68	165	164908	42.918	nq	98
52) Acenaphthene	9.93	154	620317	40.666	nq	97
53) 3-Nitroaniline	9.85	138	183157	39.921	nq	99
54) 2,4-Dinitrophenol	9.95	184	77703	40.812	nq	85
55) Dibenzofuran	10.10	168	857208	41.730	nq	100
56) 4-Nitrophenol	10.00	139	145204	41.631	nq	97
57) 2,4-Dinitrotoluene	10.08	165	211648	41.745	nq	99
58) Fluorene	10.45	166	692272	44.406	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	180705	43.705	nq	100
60) Diethylphthalate	10.32	149	734521	43.185	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	349819	44.760	nq	99
62) 4-Nitroaniline	10.46	138	197923	44.339	nq	98
63) Azobenzene	10.60	77	757023	44.090	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	108697	41.458	nq	98
66) n-Nitrosodiphenylamine	10.56	169	635605	40.855	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	216595	41.548	nq	99
68) Hexachlorobenzene	11.00	284	239005	41.180	nq	99
69) Atrazine	11.08	200	187232	40.644	nq	98
70) Pentachlorophenol	11.19	266	145154	40.704	nq	97
71) Phenanthrene	11.41	178	1064287	40.317	nq	100
72) Anthracene	11.46	178	1067111	40.428	nq	100
73) Carbazole	11.61	167	943861	42.015	nq	100
74) Di-n-butylphthalate	11.94	149	1141301	43.839	nq	100
75) Fluoranthene	12.59	202	1049530	44.330	nq	99
77) Benzidine	12.70	184	416428	40.773	nq	97
78) Pyrene	12.82	202	1068483	41.157	nq	99
80) Butylbenzylphthalate	13.43	149	380906	37.869	nq	99
81) Benzo(a)anthracene	14.00	228	760391	40.397	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	252785	41.270	nq	100
83) Chrysene	14.04	228	743056	40.324	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	477873	40.513	nq	# 97
85) Di-n-octyl phthalate	14.61	149	675327	39.253	nq	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	655817	41.833	nq	99
88) Benzo(b)fluoranthene	15.04	252	616434	40.347	nq	100
89) Benzo(k)fluoranthene	15.07	252	536863	36.967	nq	98
90) Benzo(a)pyrene	15.41	252	537912	39.449	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	539350	42.391	nq	100
92) Benzo(g,h,i)perylene	17.36	276	536986	40.589	nq	99

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

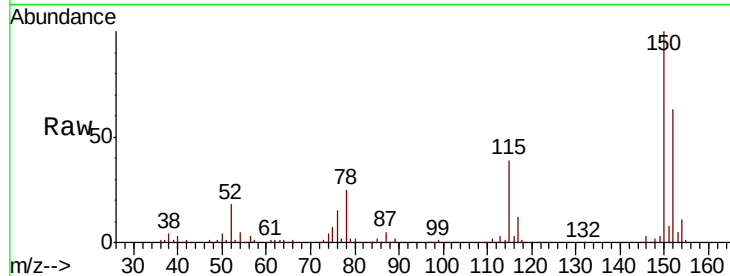


#1

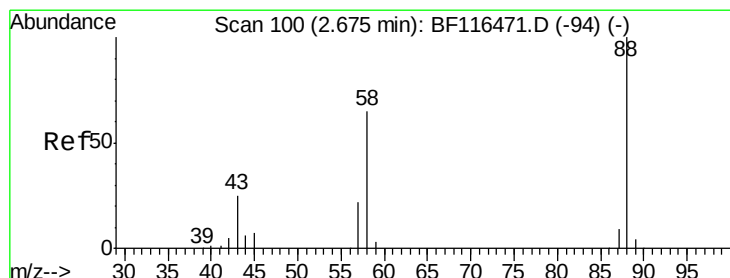
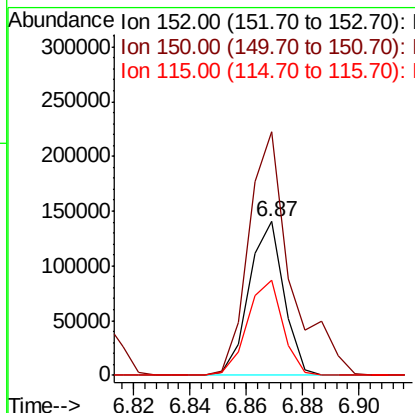
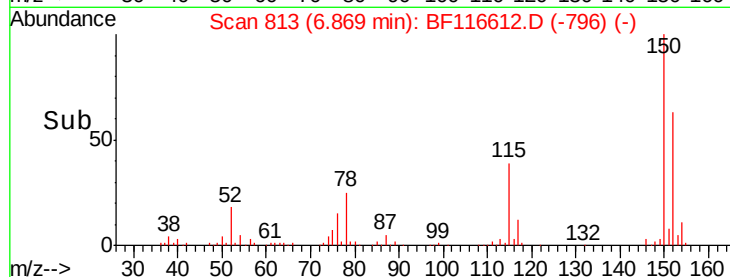
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Instrument :
BNA_F
ClientSampleId :
ICVBF082819

Tot Ion:152 Resp: 120113
Ion Ratio Lower Upper
152 100
150 158.5 123.4 185.2
115 62.0 48.2 72.2



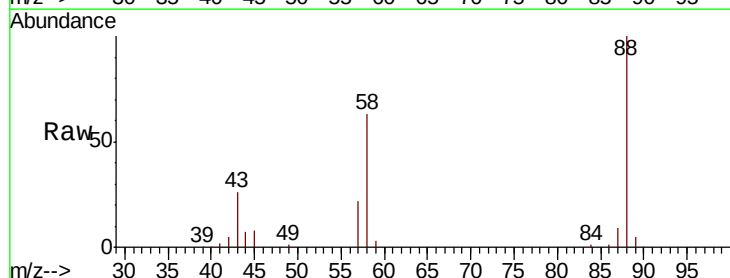
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



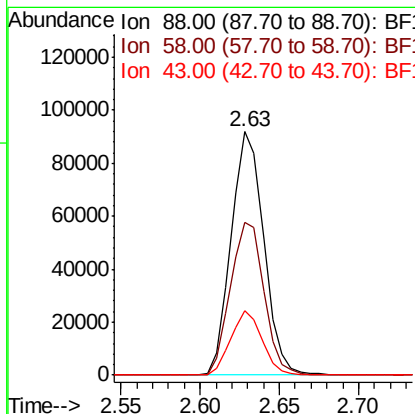
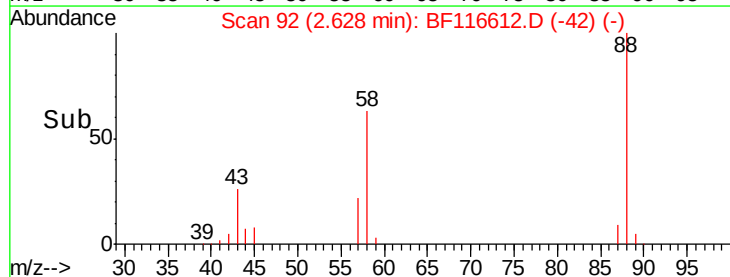
#2

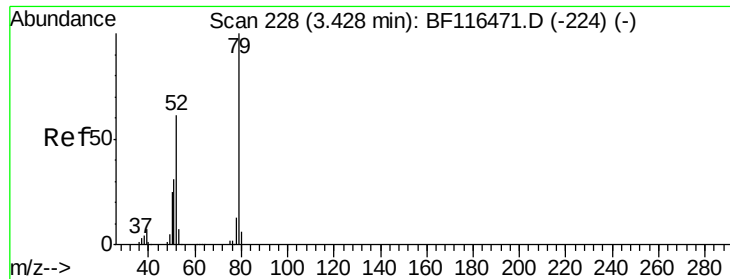
1,4-Dioxane
Concen: 40.455 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion: 88 Resp: 130871
Ion Ratio Lower Upper
88 100
58 64.6 51.8 77.8
43 25.2 20.2 30.2



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

Pvrindine

Concen: 41.629 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

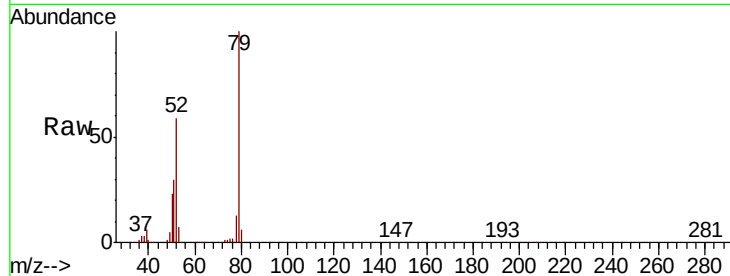
Tot Ion: 79 Resp: 378752

Ion Ratio Lower Upper

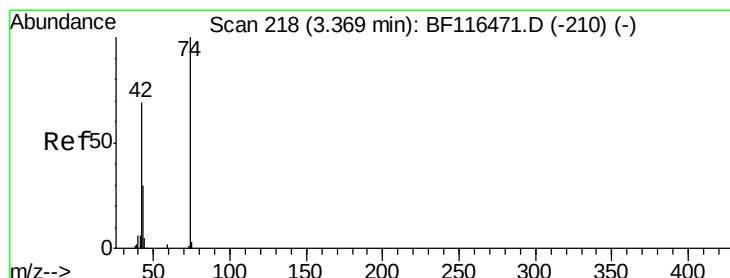
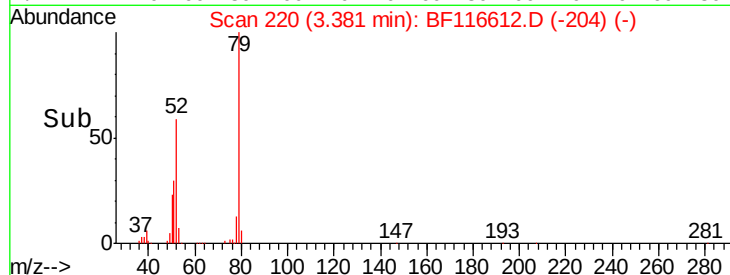
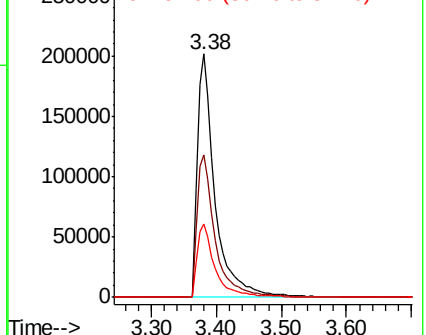
79 100

52 58.6 47.9 71.9

51 30.1 24.4 36.6



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: 41.452 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

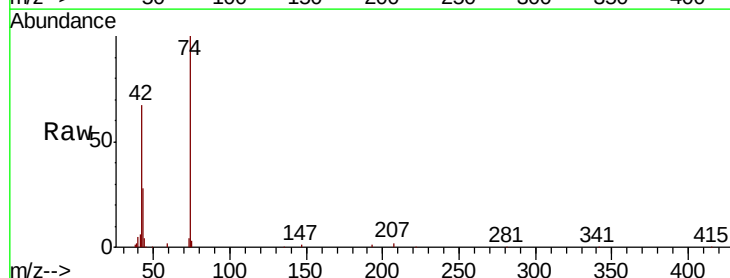
Tgt Ion: 42 Resp: 140156

Ion Ratio Lower Upper

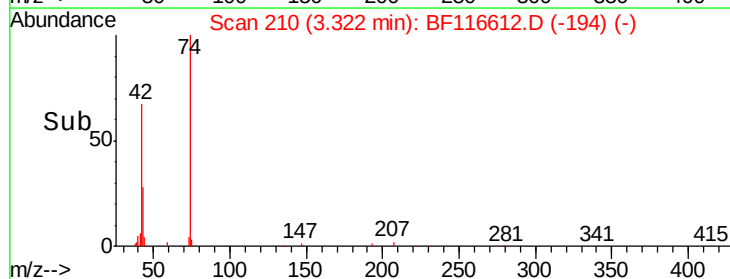
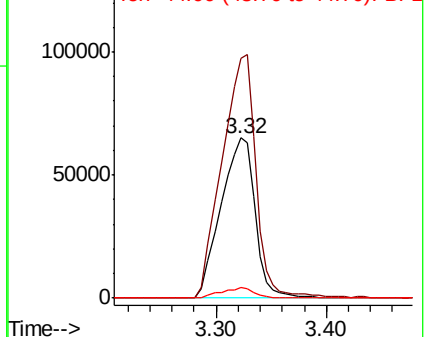
42 100

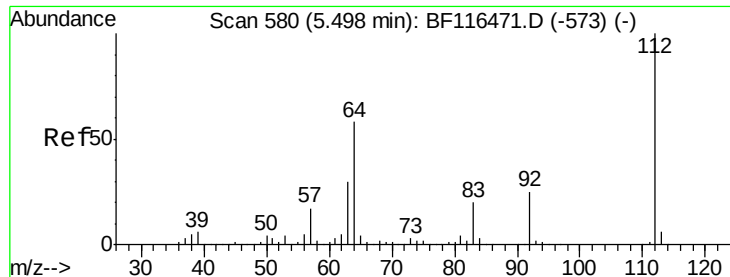
74 149.2 120.0 180.0

44 6.5 5.4 8.2



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: 85.004 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

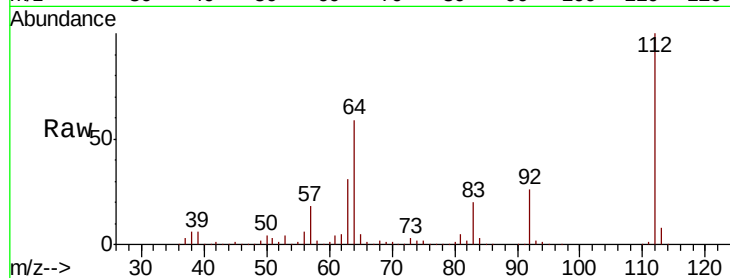
Instrument :

BNA_F

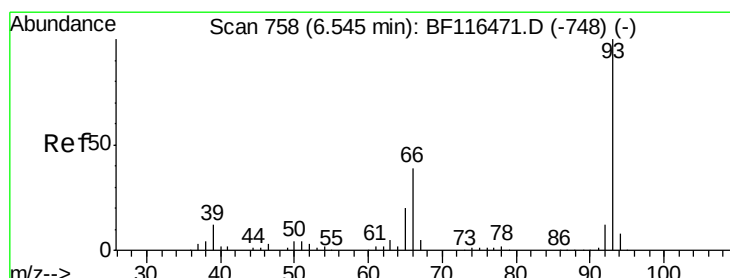
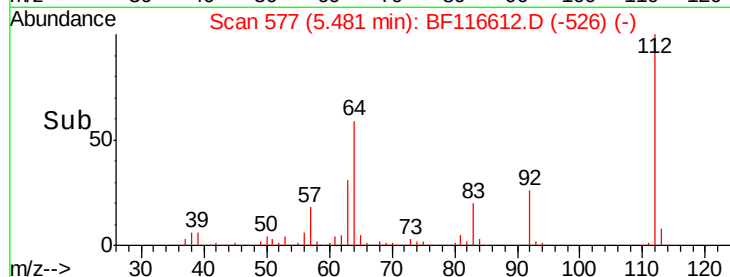
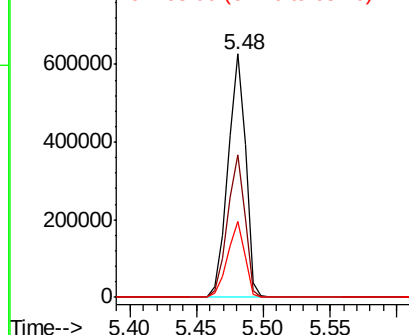
ClientSampleId :

ICVBF082819

Tot Ion:	112	Resp:	591129
Ion	Ratio	Lower	Upper
112	100		
64	58.6	48.0	72.0
63	31.1	24.6	36.8



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: 41.189 ng

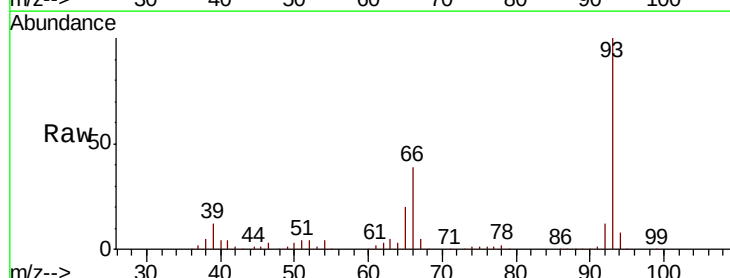
RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

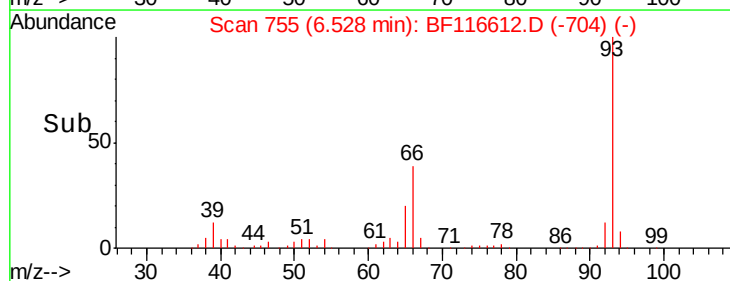
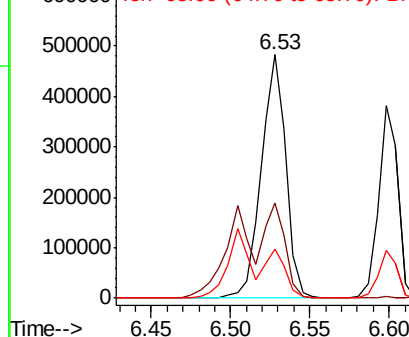
Lab File: BF116612.D

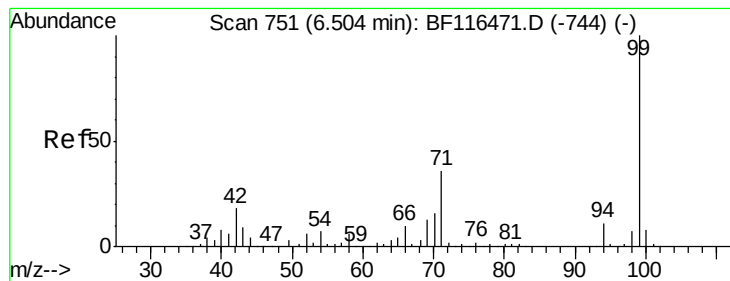
Acq: 28 Aug 2019 13:26

Tgt Ion:	93	Resp:	523123
Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.1	48.1
65	20.0	16.2	24.4



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: 81.210 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

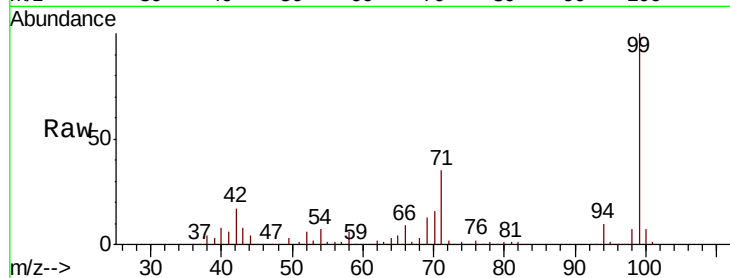
Tot Ion: 99 Resp: 765645

Ion Ratio Lower Upper

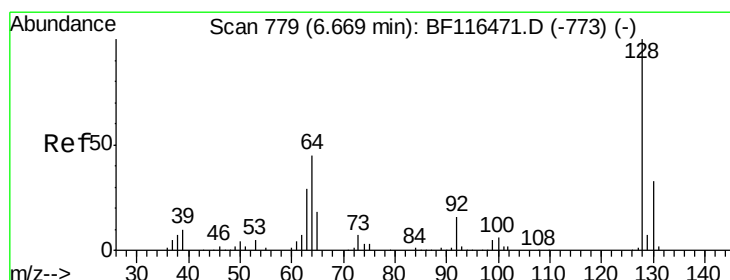
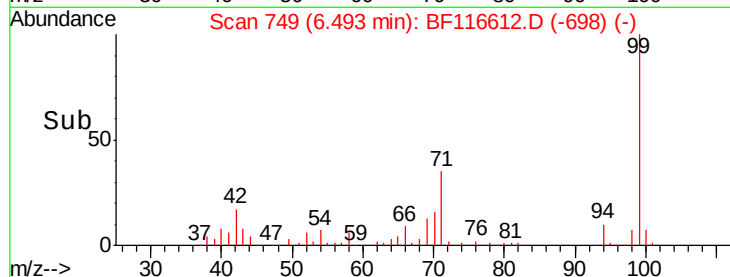
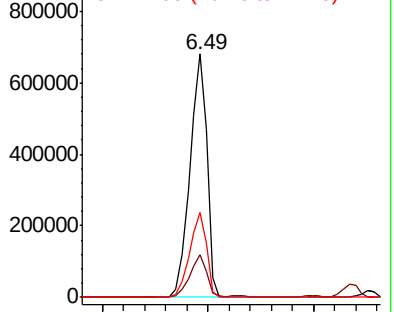
99 100

42 17.3 13.2 19.8

71 34.8 27.4 41.2



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: 42.027 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

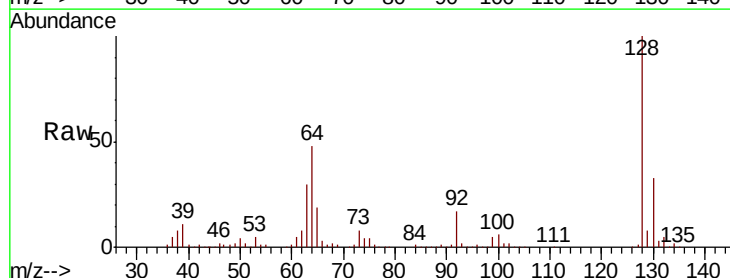
Tgt Ion: 128 Resp: 329352

Ion Ratio Lower Upper

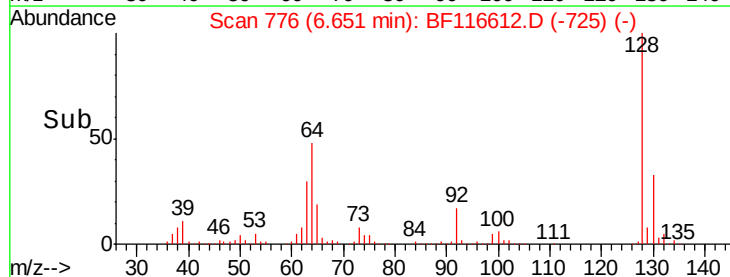
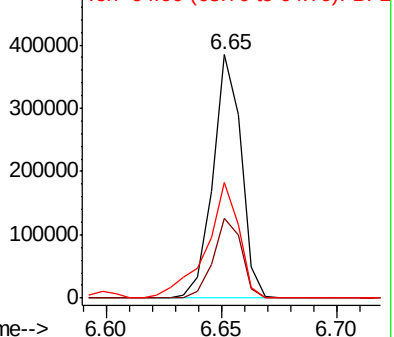
128 100

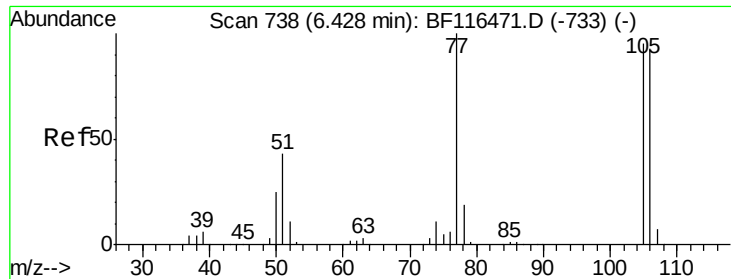
130 32.6 11.8 51.8

64 47.6 26.9 66.9



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: 42.516 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

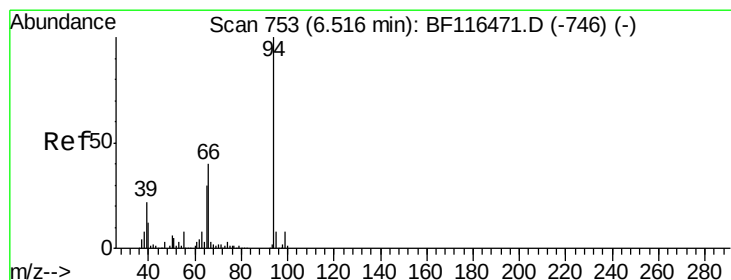
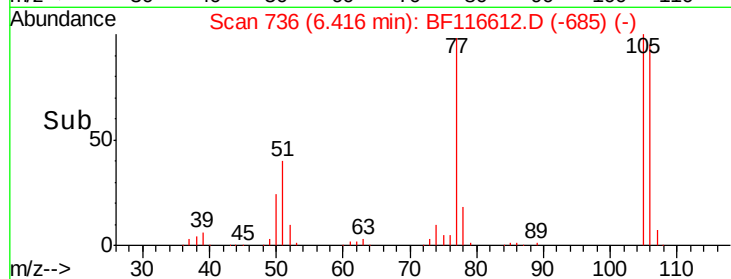
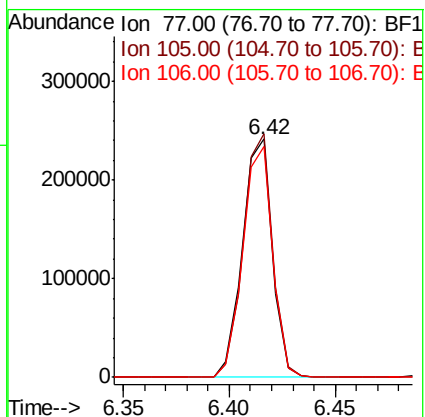
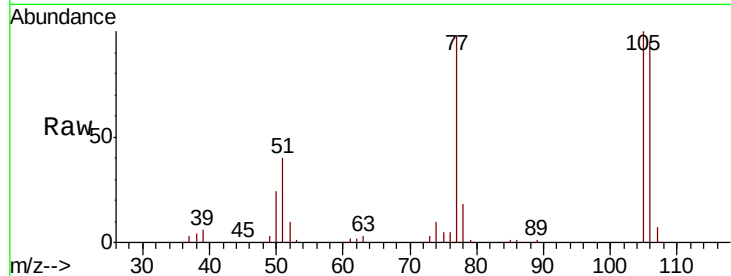
Tot Ion: 77 Resp: 235195

Ion Ratio Lower Upper

77 100

105 102.3 81.6 121.6

106 96.9 77.1 117.1



#10

Phenol

Concen: 42.151 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

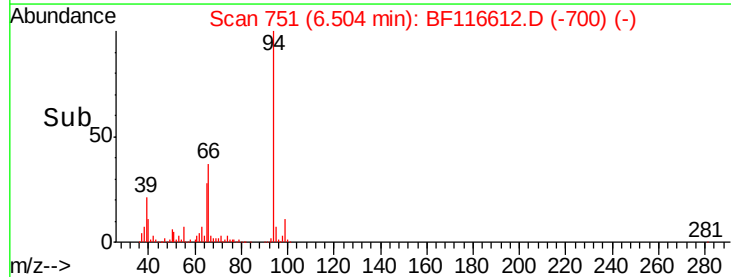
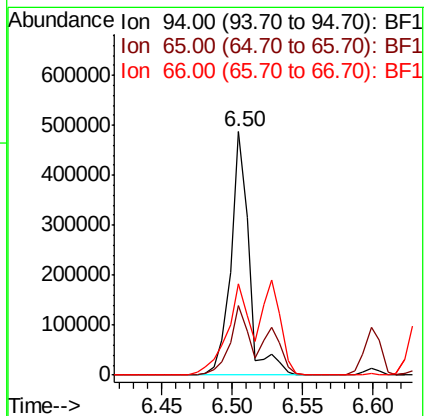
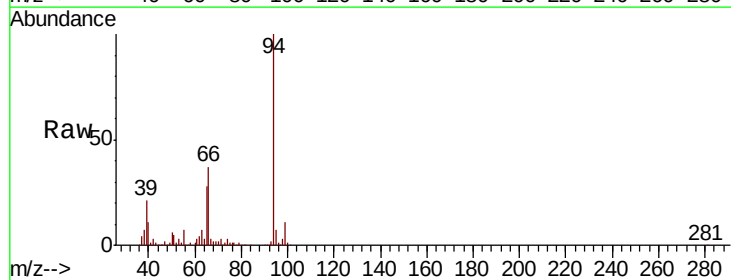
Tgt Ion: 94 Resp: 435907

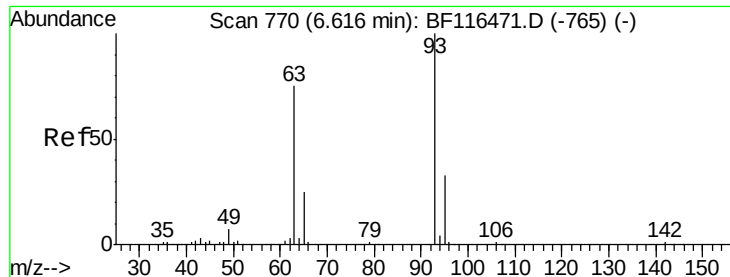
Ion Ratio Lower Upper

94 100

65 28.4 8.6 48.6

66 37.5 18.0 58.0

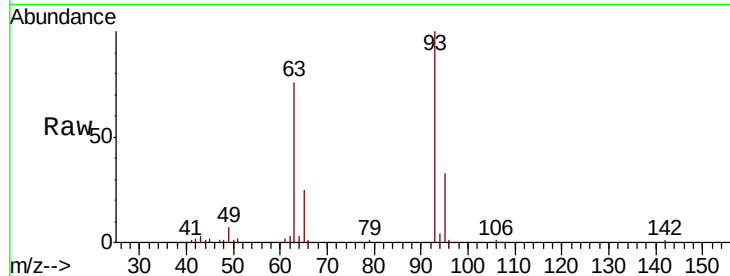




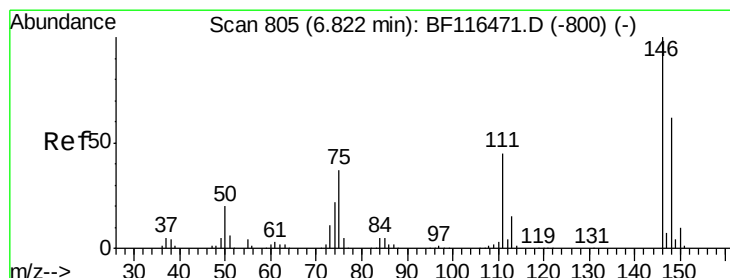
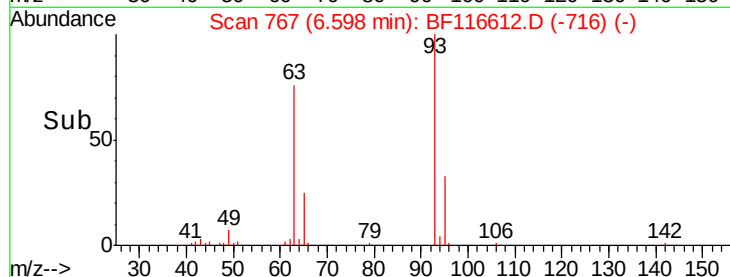
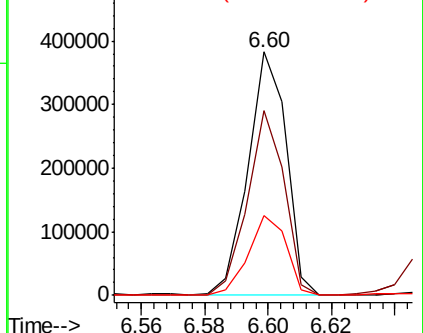
#11
 bis(2-Chloroethyl)ether
 Concen: 41.660 ng
 RT: 6.60 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

Tot Ion: 93 Resp: 320192
 Ion Ratio Lower Upper
 93 100
 63 75.9 54.7 94.7
 95 32.9 12.7 52.7

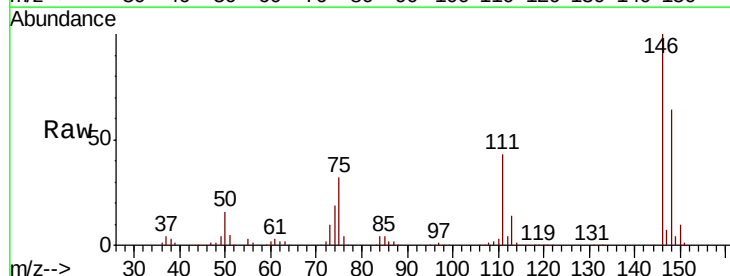


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

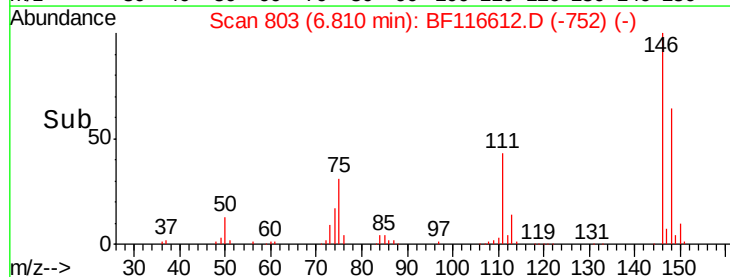
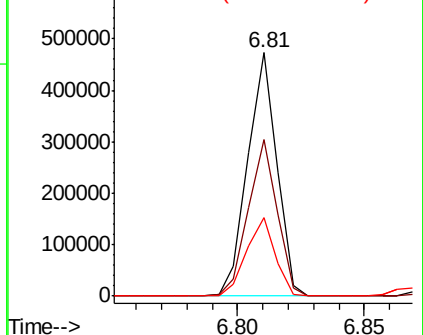


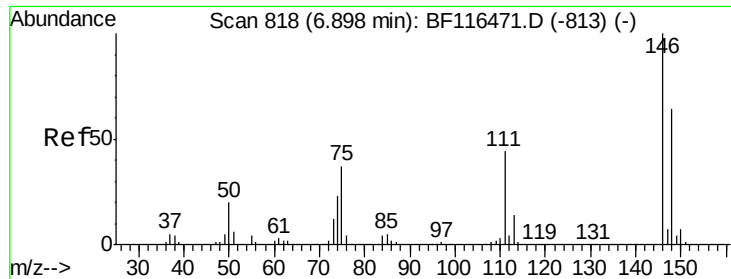
#12
 1,3-Dichlorobenzene
 Concen: 40.969 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion: 146 Resp: 380321
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.0 76.6
 75 32.2 25.1 37.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

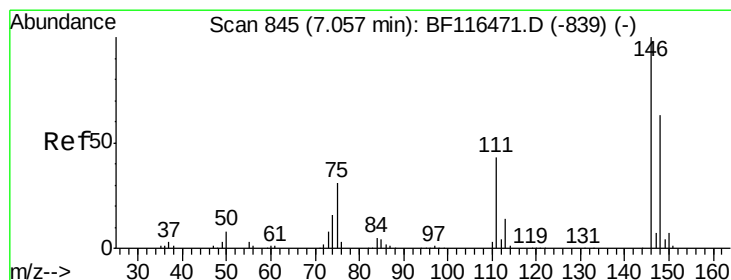
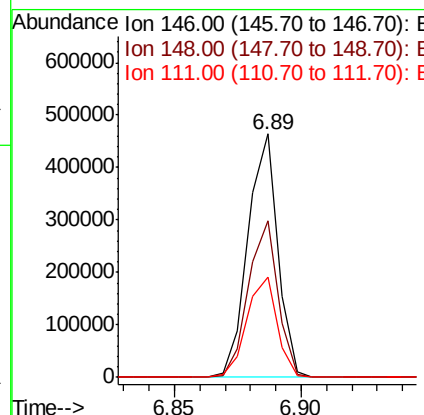
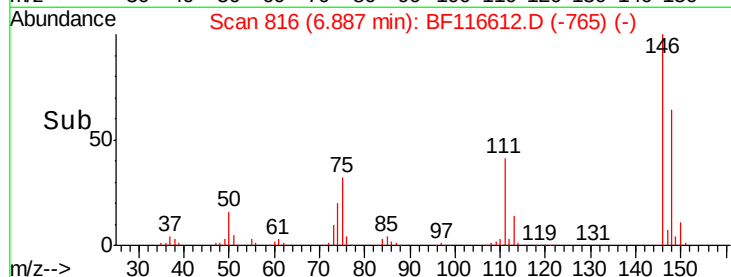
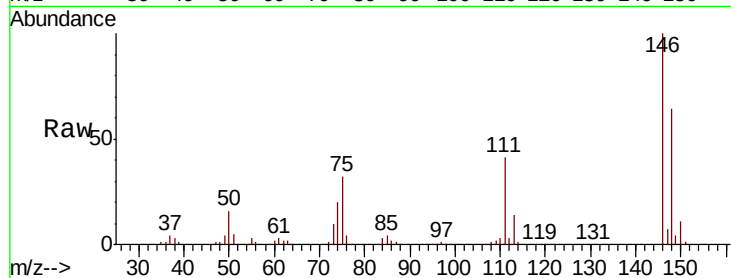




#13
 1,4-Dichlorobenzene
 Concen: 41.016 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

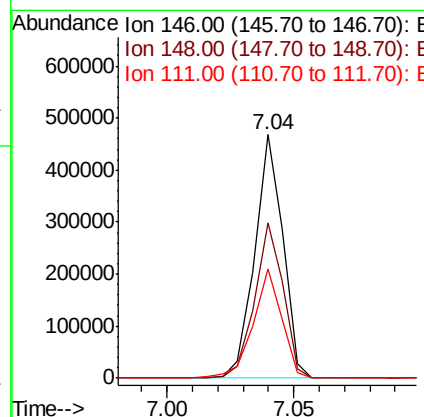
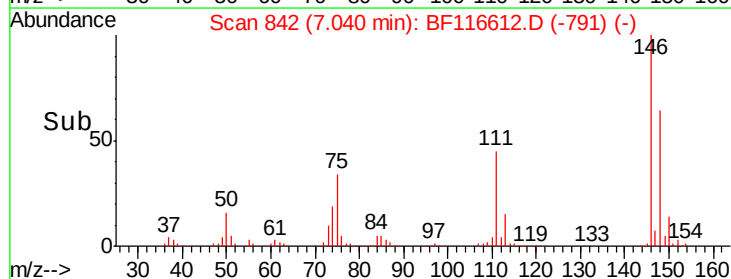
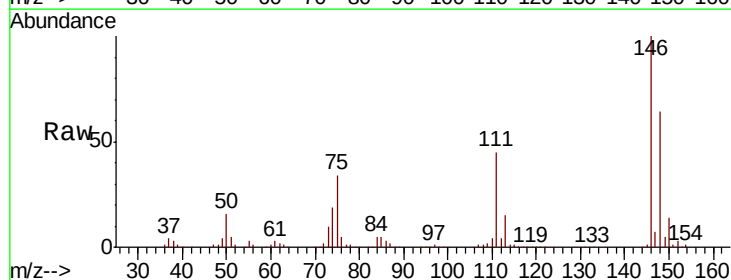
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

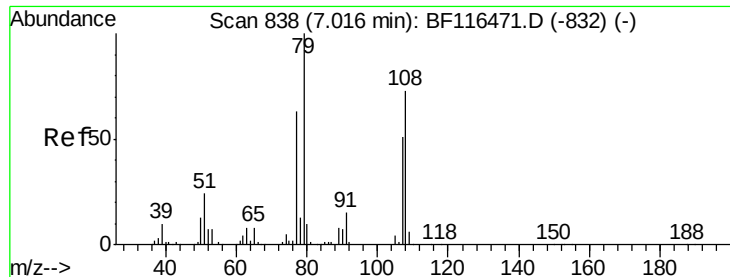
Tot Ion:146 Resp: 380451
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.0 76.6
 111 41.3 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 41.251 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion:146 Resp: 361604
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 45.1 34.9 52.3

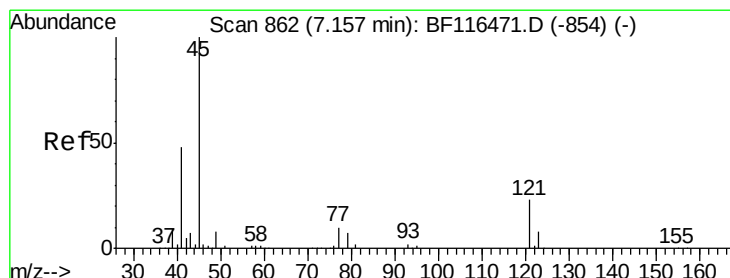
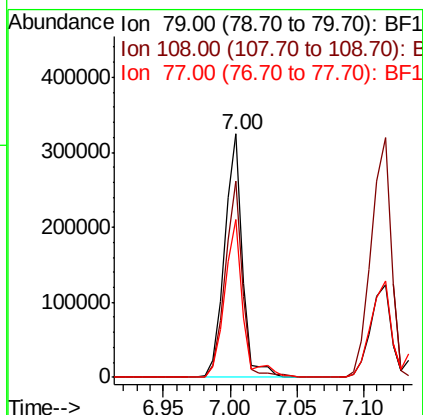
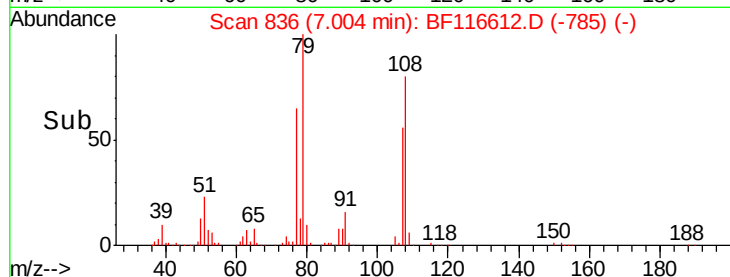
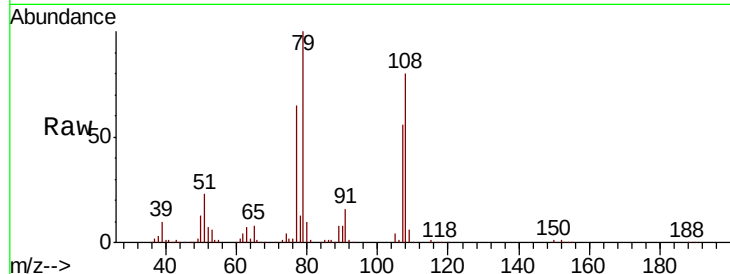




#15
Benzyl Alcohol
Concen: 41.788 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

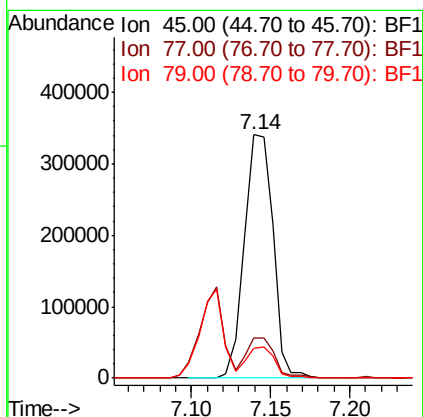
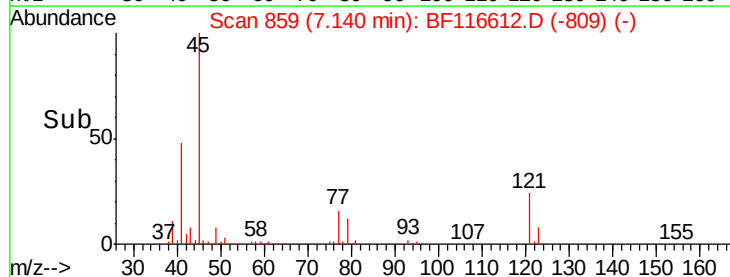
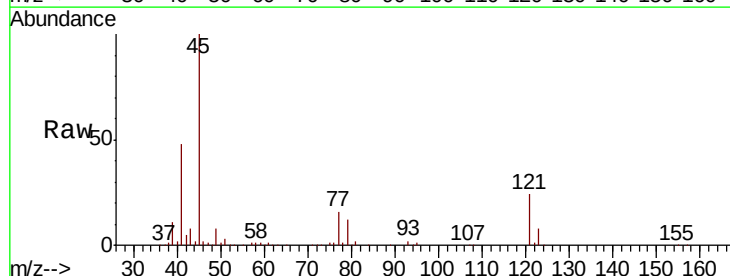
Instrument :
BNA_F
ClientSampleId :
ICVBF082819

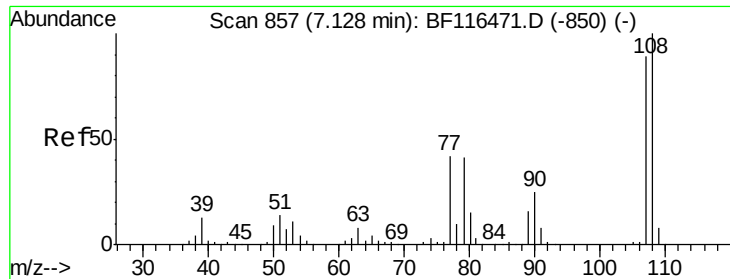
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	62.2	93.4
77	65.1	49.8	74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.088 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.4	0.0	32.9

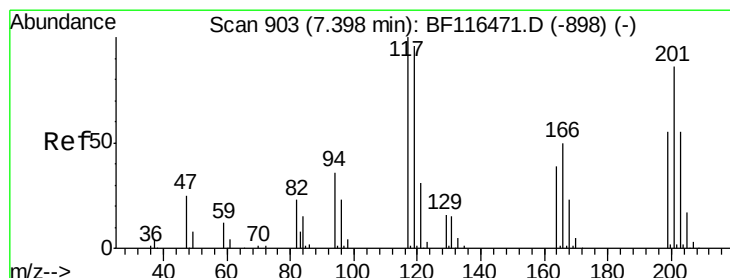
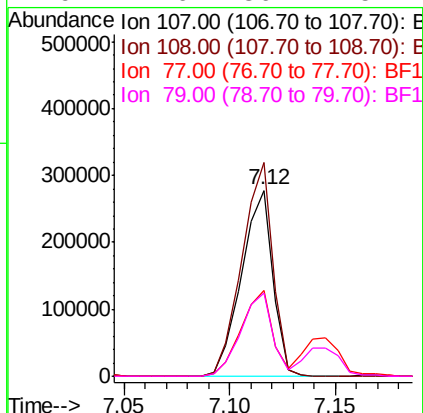
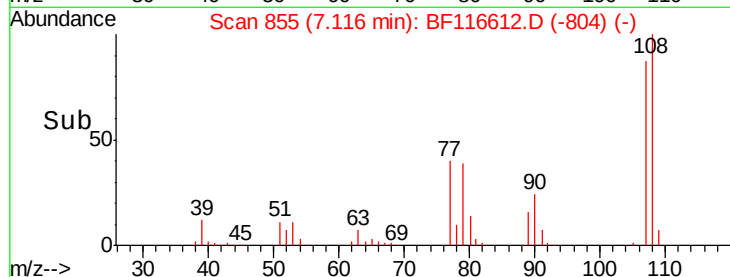
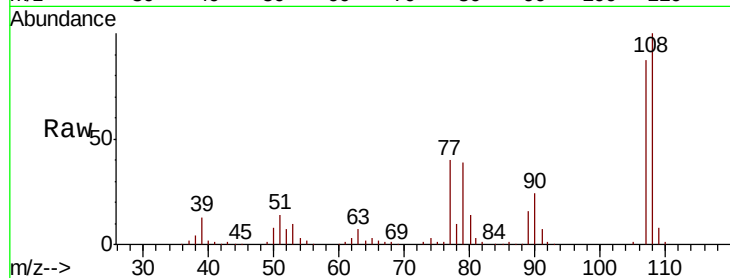




#17
2-Methylphenol
Concen: 40.945 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

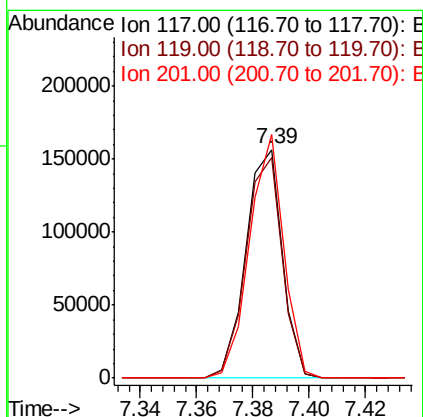
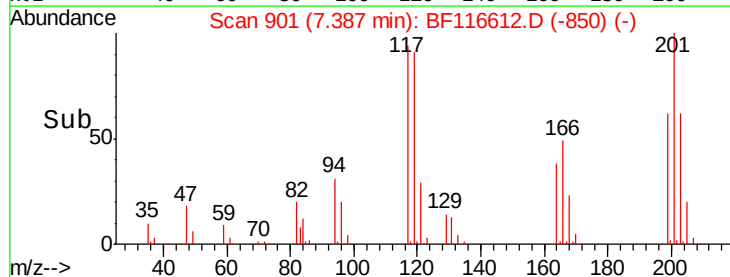
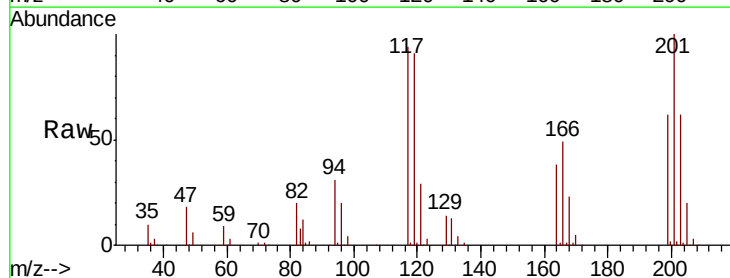
Instrument :
BNA_F
ClientSampleId :
ICVBF082819

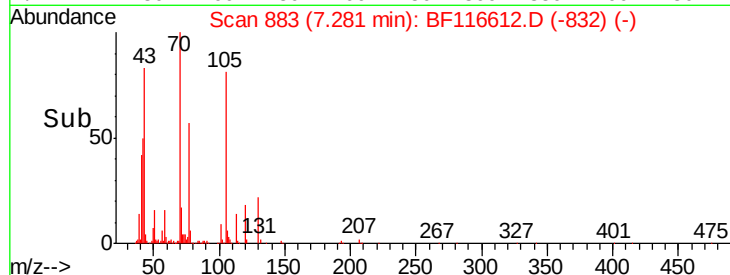
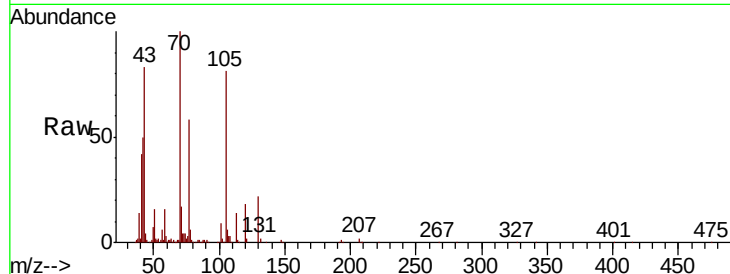
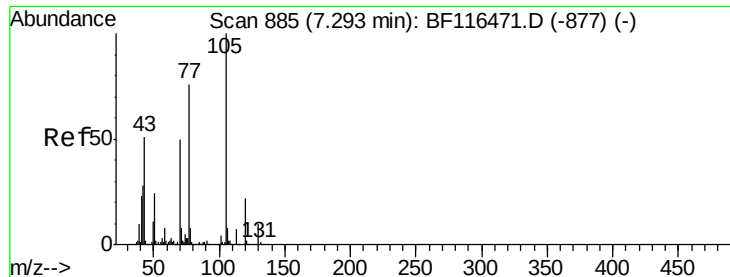
Tot Ion:	107	Resp:	287323
Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.9	136.3
77	46.0	36.8	55.2
79	44.6	36.2	54.4



#18
Hexachloroethane
Concen: 40.944 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:	117	Resp:	140231
Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.6	118.0
201	106.4	86.2	129.2

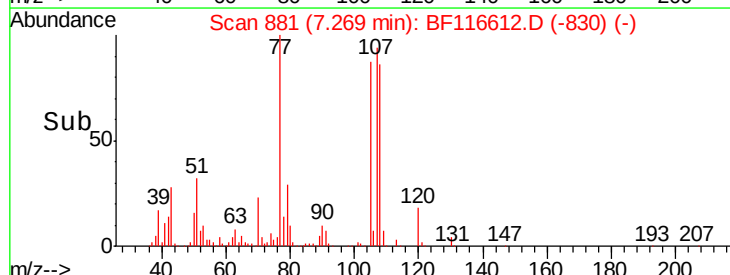
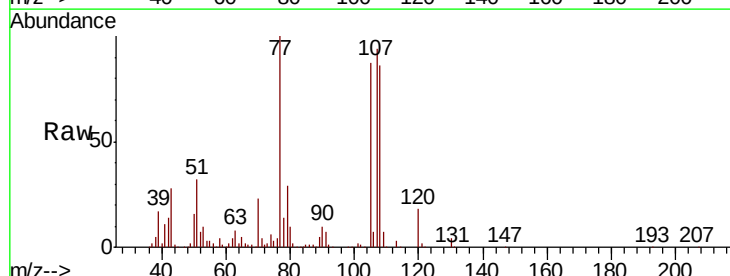
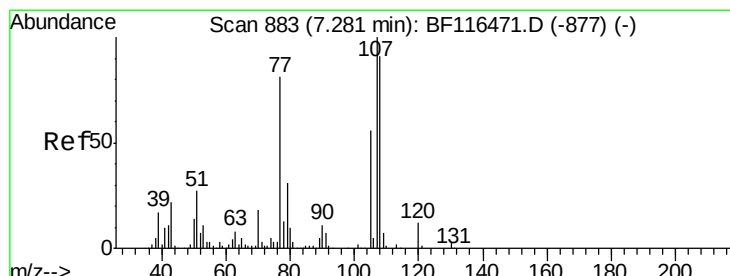
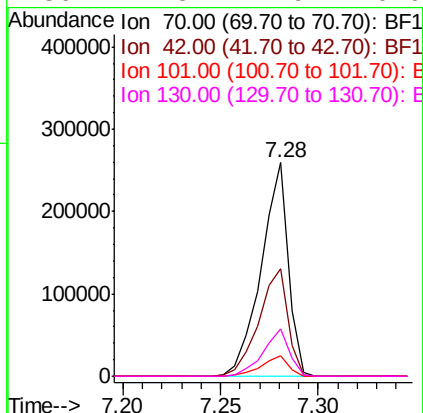




#19
n-Nitroso-di-n-propylamine
Concen: 41.527 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

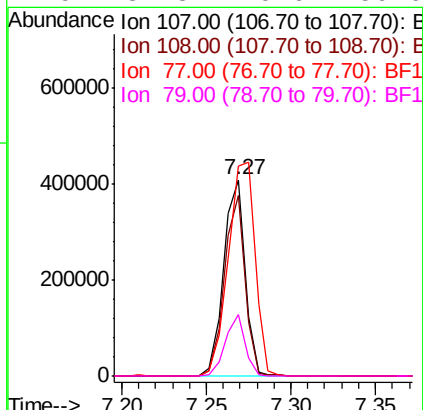
Instrument :
BNA_F
ClientSampleId :
ICVBF082819

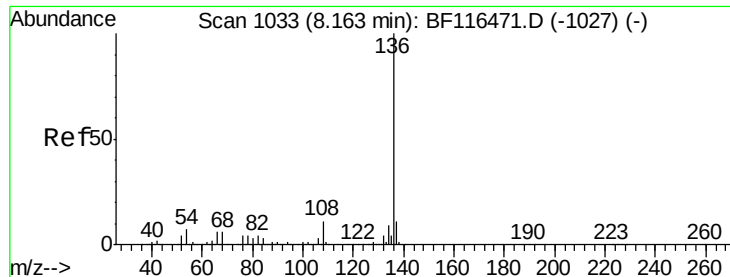
Tot Ion:	70	Resp:	248975
Ion	Ratio	Lower	Upper
70	100		
42	50.3	41.2	61.8
101	9.4	7.7	11.5
130	22.3	17.9	26.9



#20
3+4-Methylphenols
Concen: 42.364 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:	107	Resp:	361138
Ion	Ratio	Lower	Upper
107	100		
108	91.9	72.6	112.6
77	106.9	82.4	122.4
79	31.3	10.6	50.6

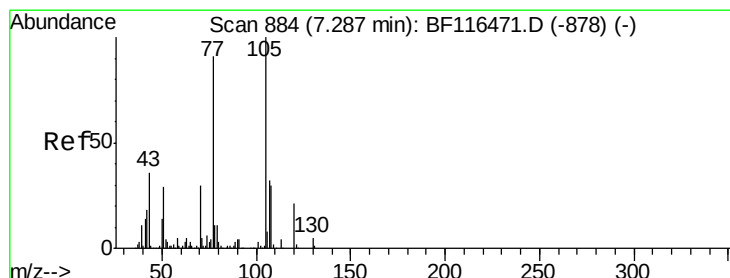
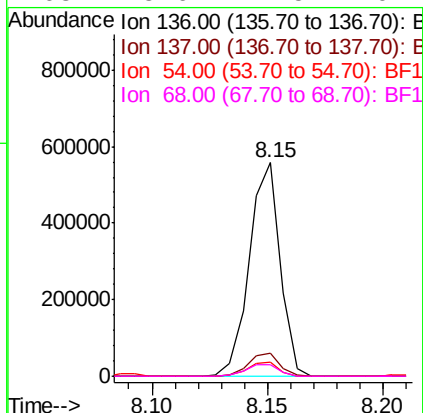
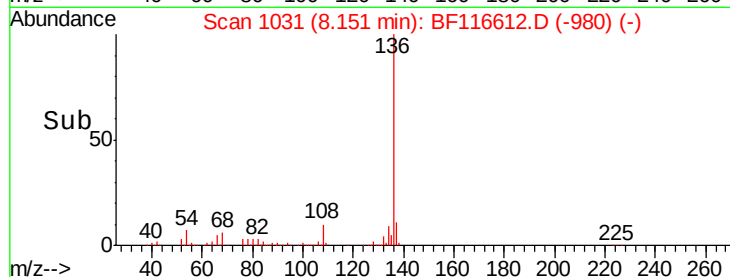
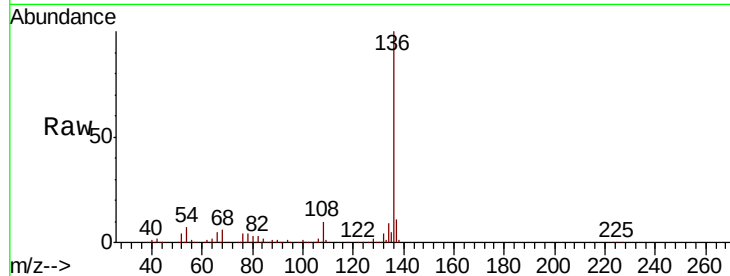




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

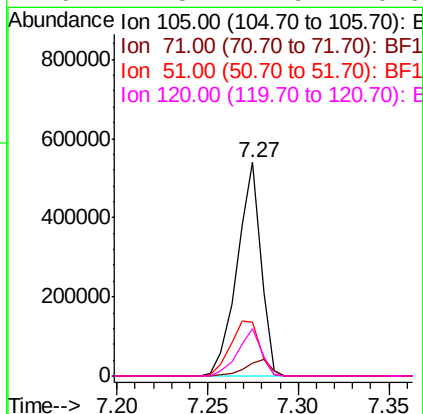
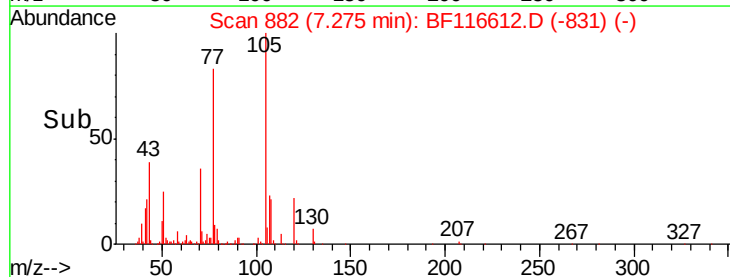
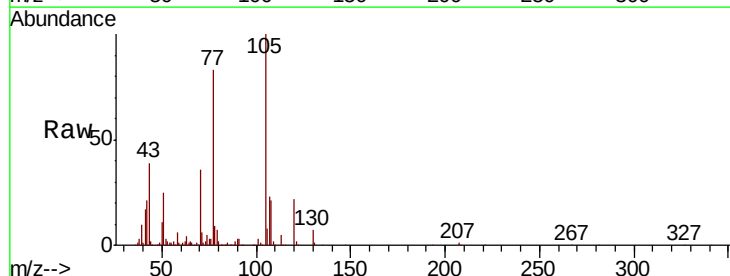
Instrument :
BNA_F
ClientSampleId :
ICVBF082819

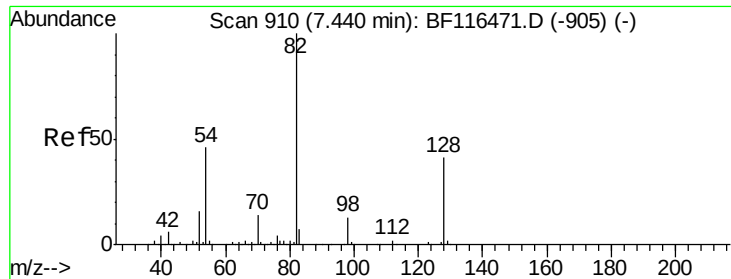
Tot Ion:136	Resp: 519932
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 6.6	5.0 7.4
68 5.6	4.5 6.7



#22
Acetophenone
Concen: 40.343 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt	Ion:105	Resp:	492647
Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.0	7.6
51	24.9	20.7	31.1
120	22.3	17.9	26.9

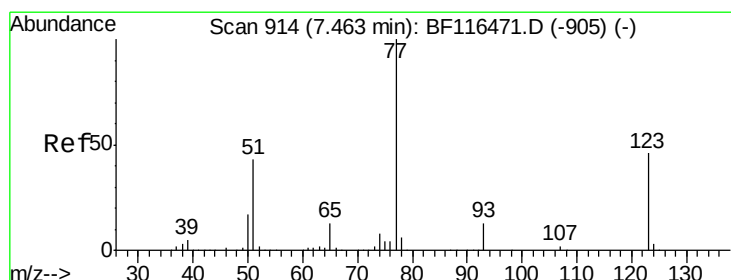
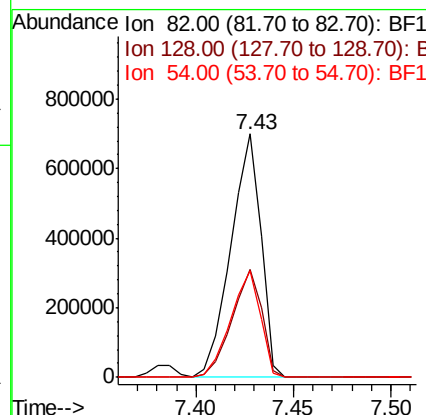
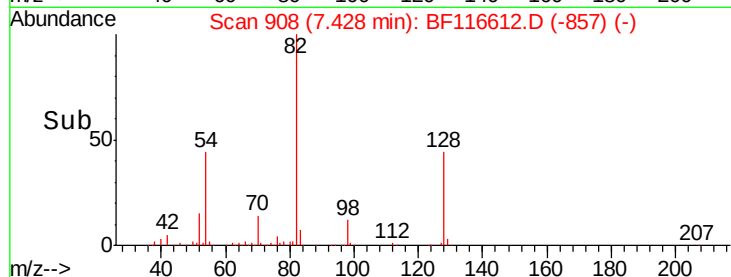
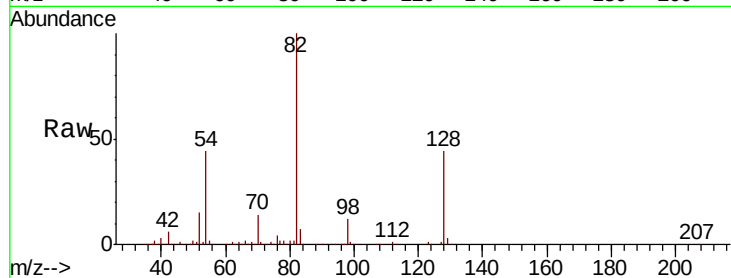




#23
 Nitrobenzene-d5
 Concen: 82.024 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

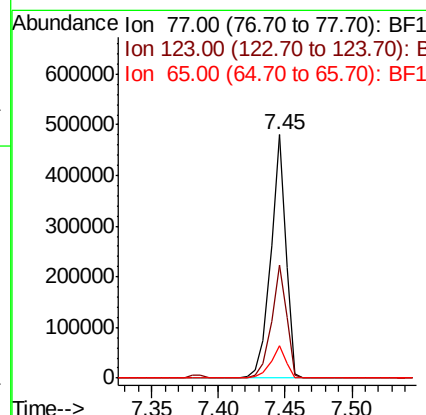
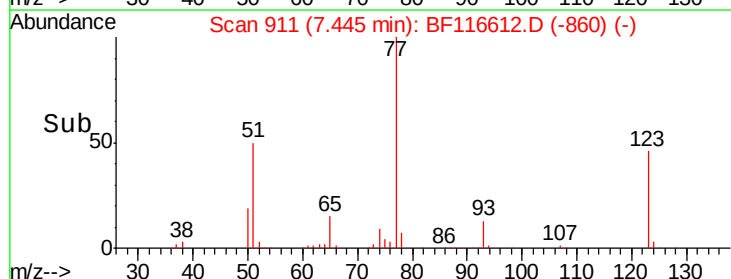
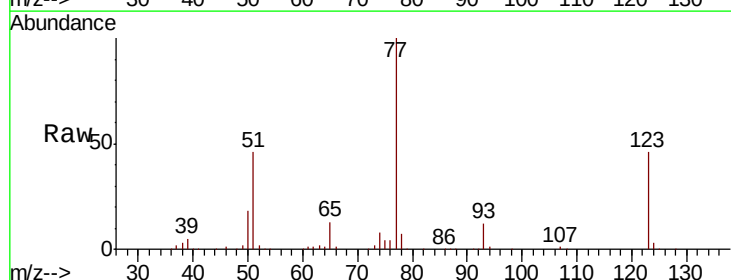
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

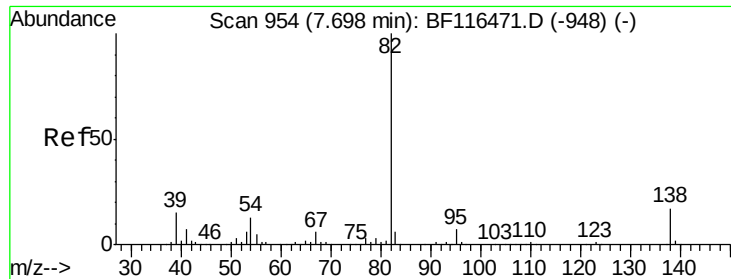
Tot Ion	82	Resp	745315
Ion Ratio	100		
Lower			
Upper			
128	44.5	35.0	52.6
54	44.1	34.4	51.6



#24
 Nitrobenzene
 Concen: 40.851 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion	77	Resp	376403
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
123	46.4	38.2	57.4
65	13.5	11.0	16.6





#25

Isophorone

Concen: 40.421 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

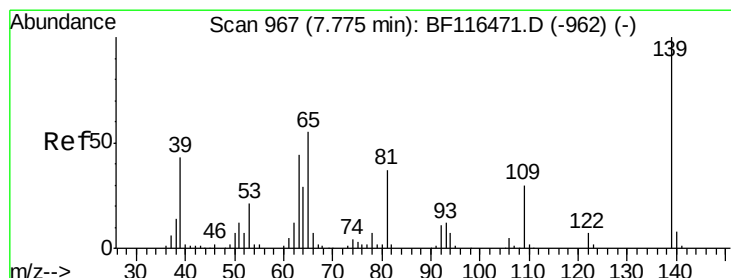
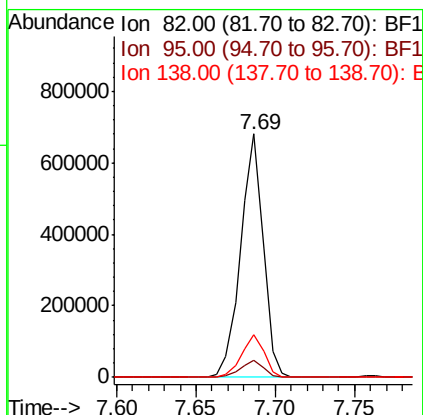
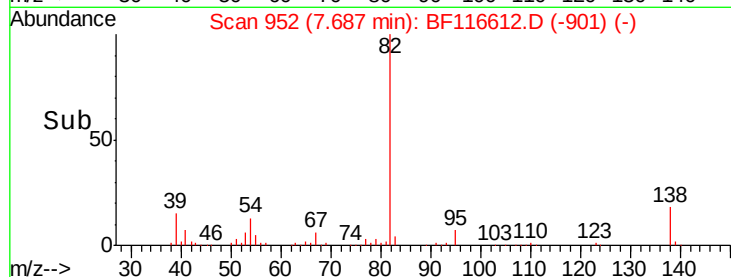
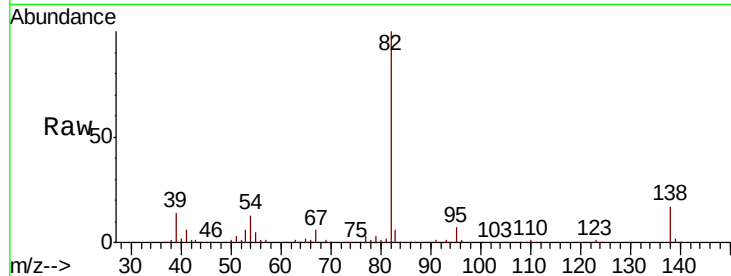
Tot Ion: 82 Resp: 668627

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 17.5 14.4 21.6



#26

2-Nitrophenol

Concen: 41.532 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

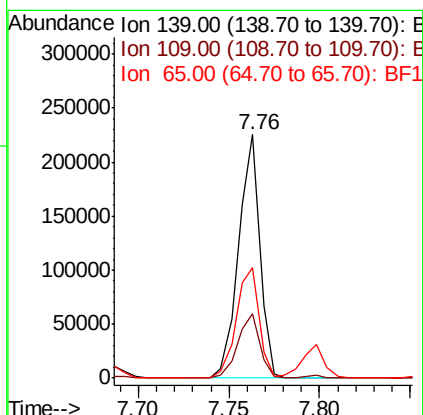
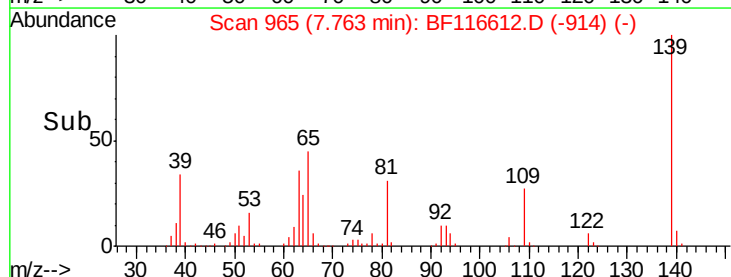
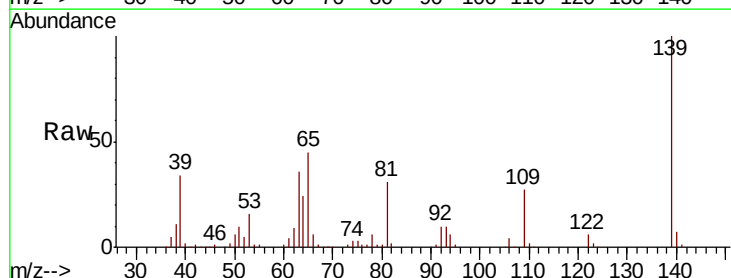
Tgt Ion: 139 Resp: 183913

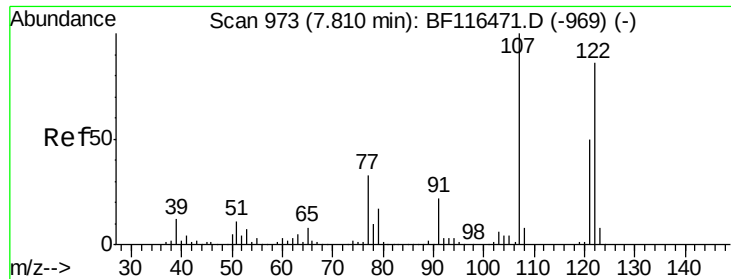
Ion Ratio Lower Upper

139 100

109 26.5 22.4 33.6

65 45.2 36.9 55.3

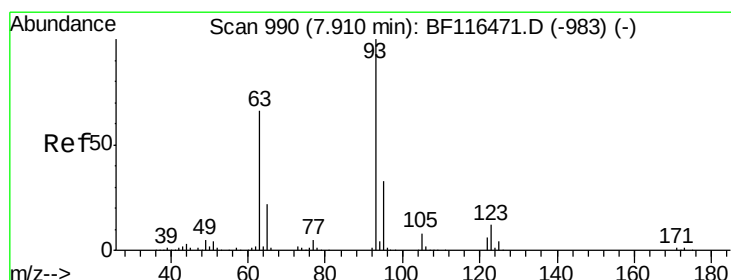
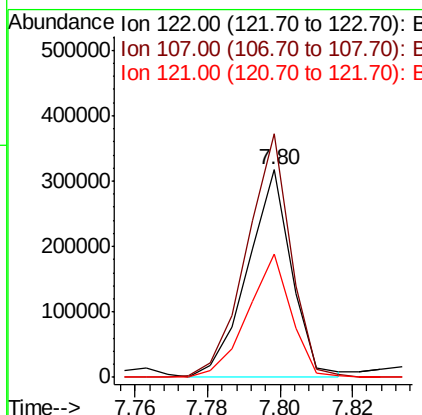
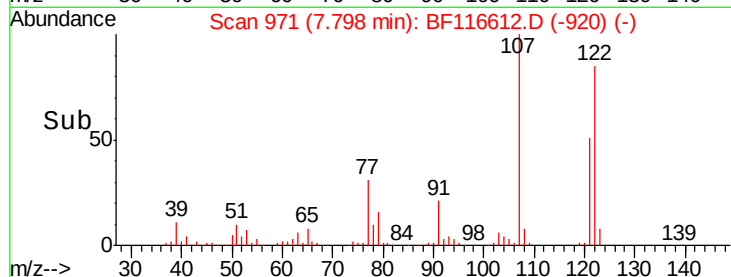
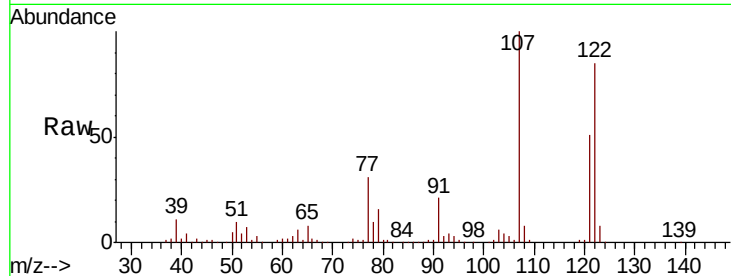




#27
 2,4-Dimethylphenol
 Concen: 38.689 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

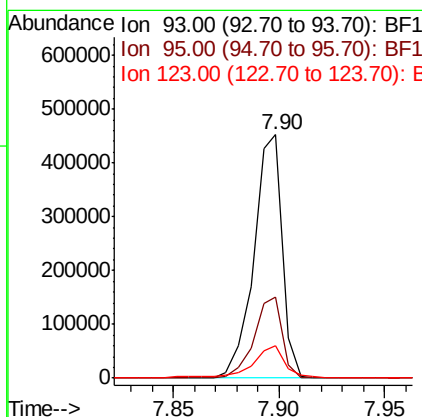
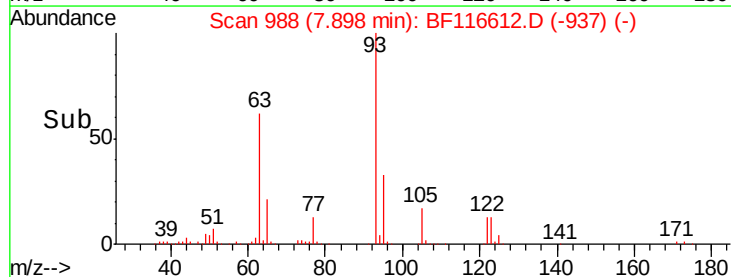
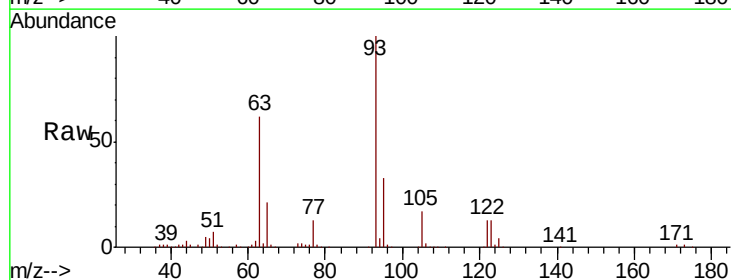
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

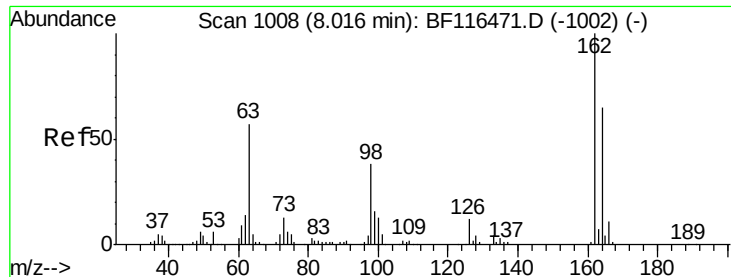
Tot Ion:122 Resp: 268272
 Ion Ratio Lower Upper
 122 100
 107 117.4 95.4 143.0
 121 59.4 47.8 71.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.331 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion: 93 Resp: 422592
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.1 39.1
 123 13.1 10.4 15.6

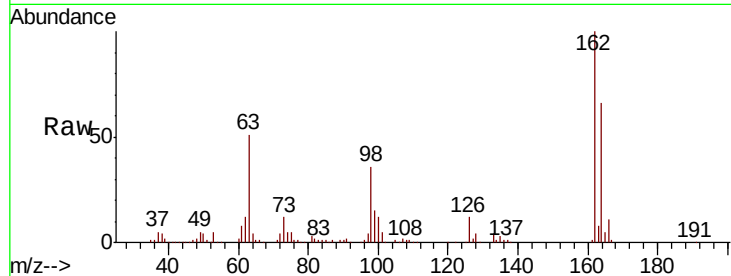




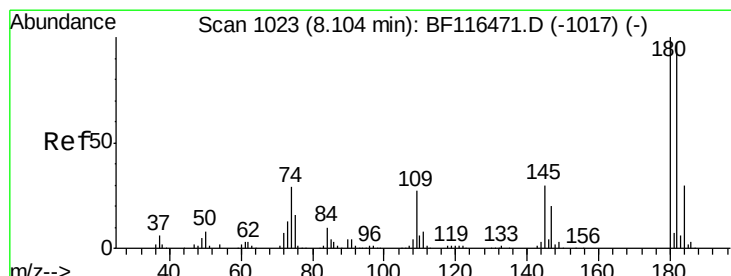
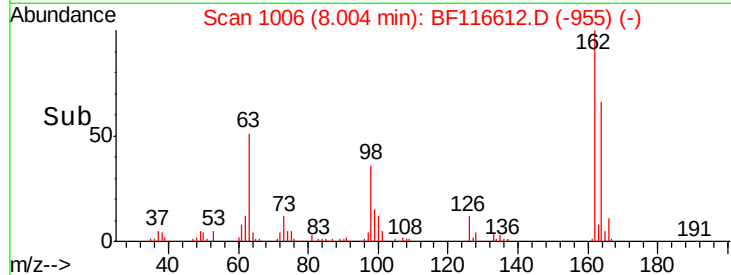
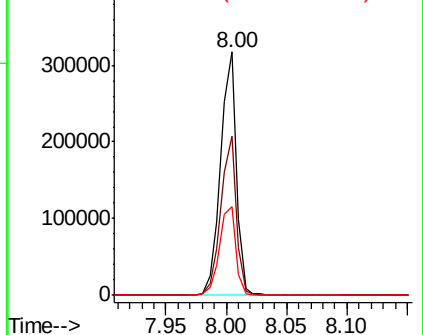
#29
 2,4-Dichlorophenol
 Concen: 39.551 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.9	85.9
98	36.4	17.4	57.4

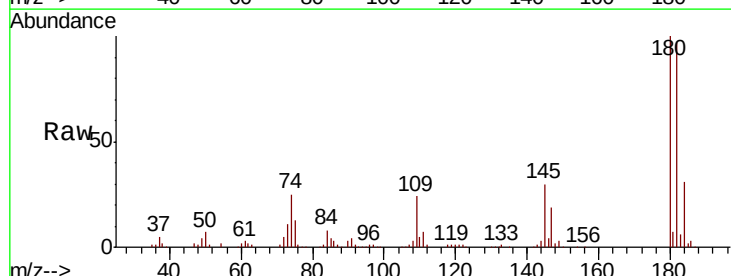


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

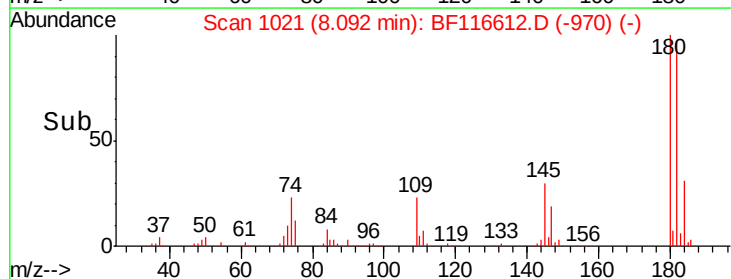
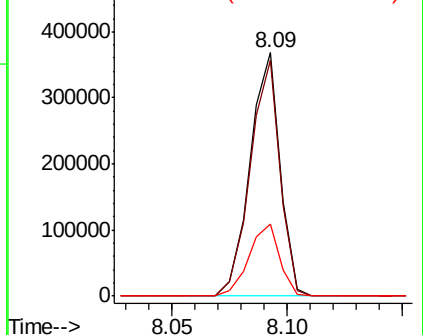


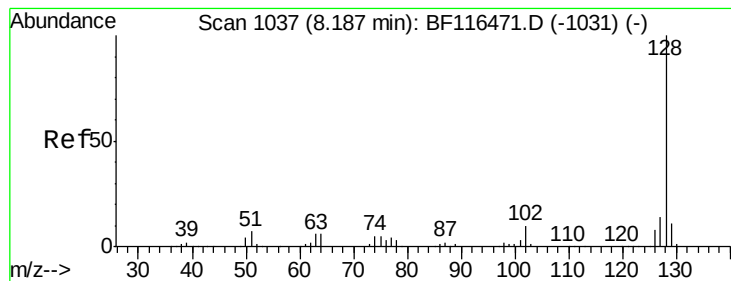
#30
 1,2,4-Trichlorobenzene
 Concen: 40.257 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.7	115.1
145	29.8	24.1	36.1



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





#31

Naphthalene

Concen: 40.989 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

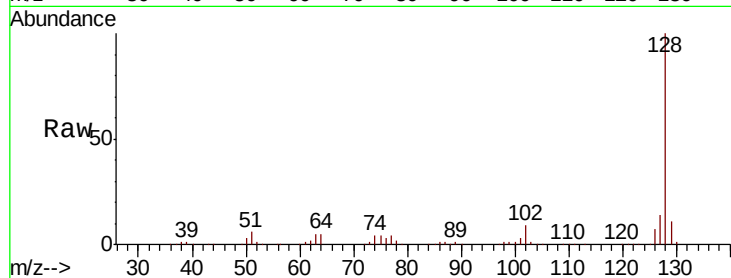
Tot Ion:128 Resp: 1020869

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.5 10.9 16.3

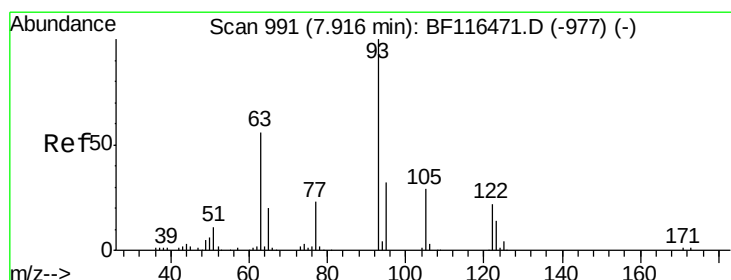
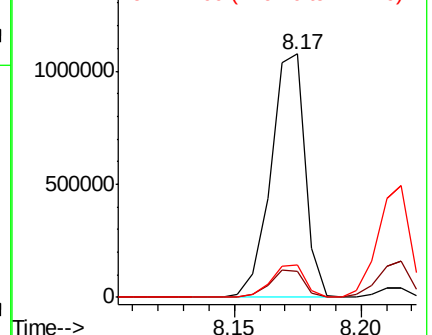
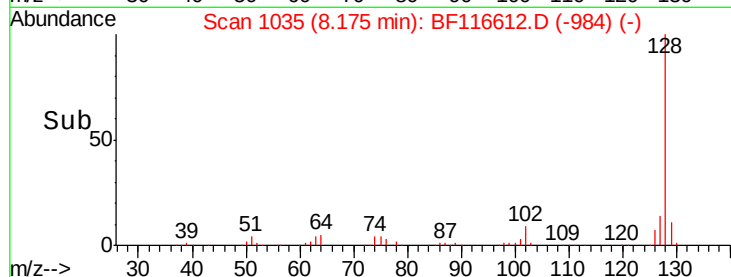


Abundance

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: 39.514 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

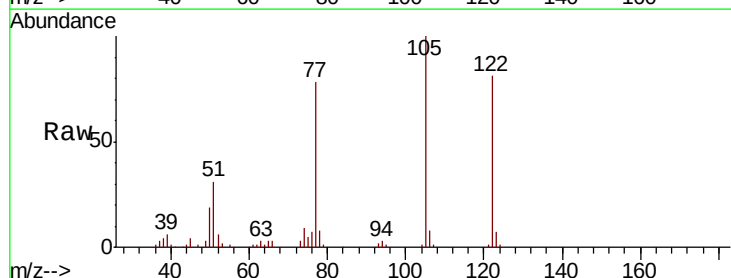
Tgt Ion:122 Resp: 234147

Ion Ratio Lower Upper

122 100

105 124.1 105.8 145.8

77 96.9 74.1 114.1

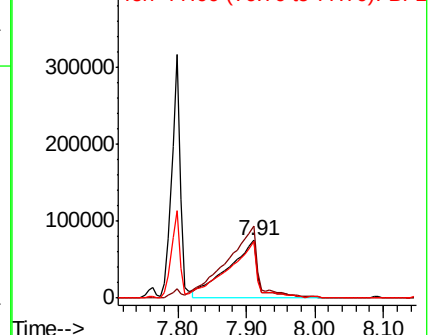
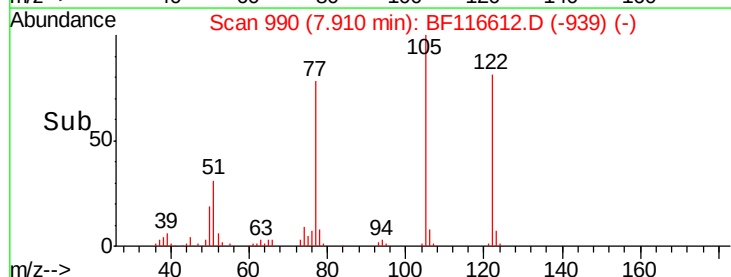


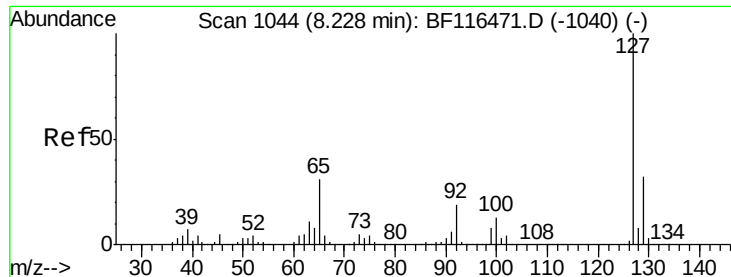
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

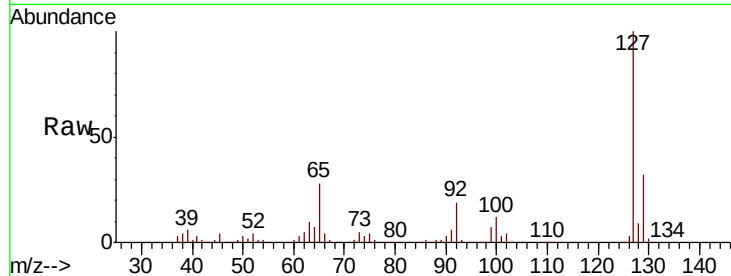




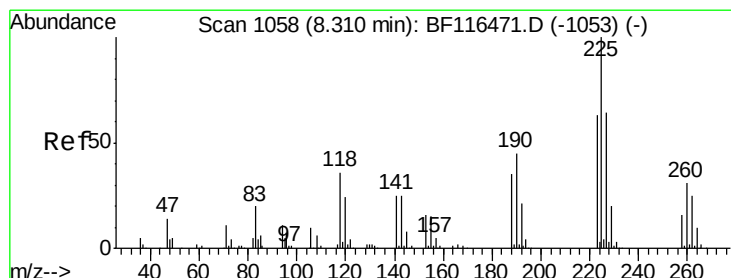
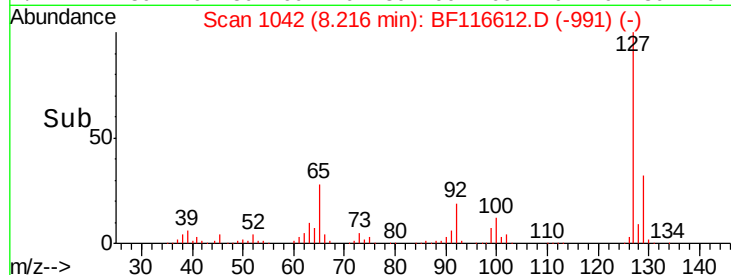
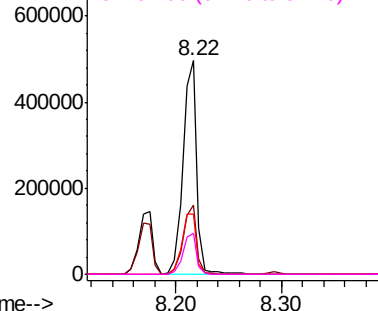
#33
4-Chloroaniline
Concen: 40.957 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Instrument :
BNA_F
ClientSampleId :
ICVBF082819

Tot Ion:127	Resp:	449581
Ion Ratio	Lower	Upper
127	100	
129	32.4	25.9 38.9
65	28.3	22.6 33.8
92	19.0	15.0 22.6

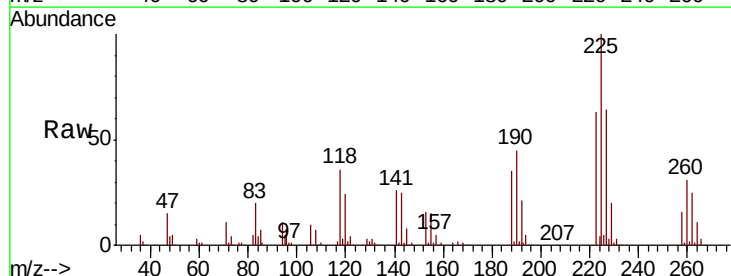


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

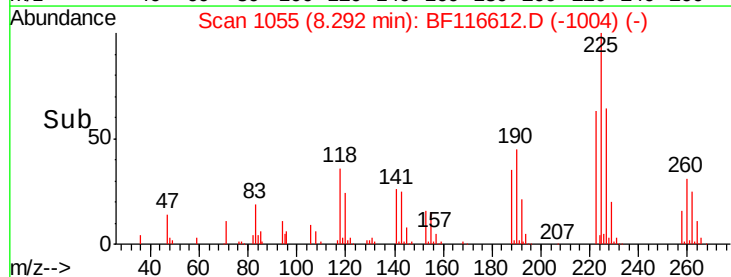
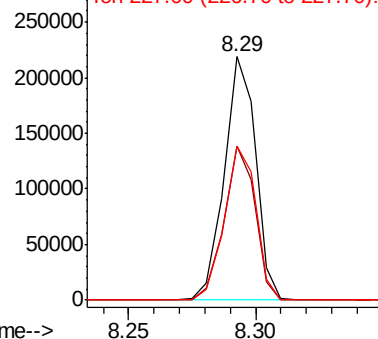


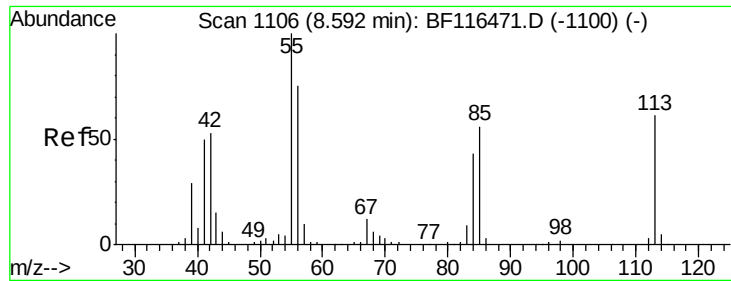
#34
Hexachlorobutadiene
Concen: 40.707 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:225	Resp:	188817
Ion Ratio	Lower	Upper
225	100	
223	63.1	50.7 76.1
227	63.5	50.4 75.6



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

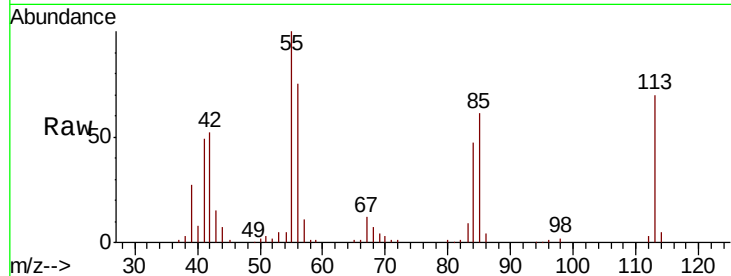




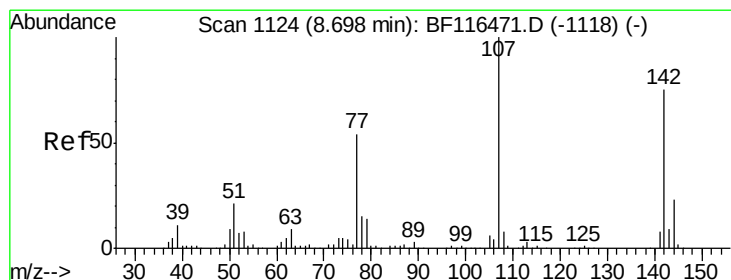
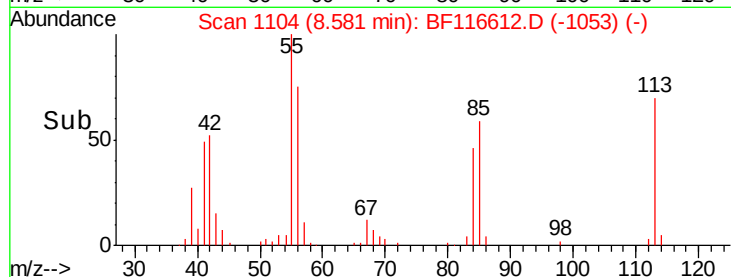
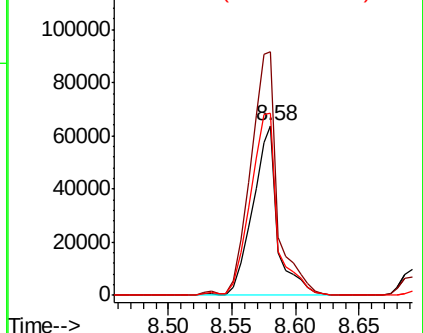
#35
Caprolactam
Concen: 40.511 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Instrument :
BNA_F
ClientSampleId :
ICVBF082819

Tot Ion:113 Resp: 87663
Ion Ratio Lower Upper
113 100
55 143.7 128.3 168.3
56 107.6 93.2 133.2

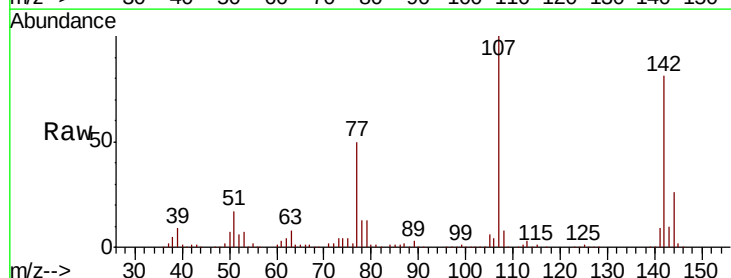


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

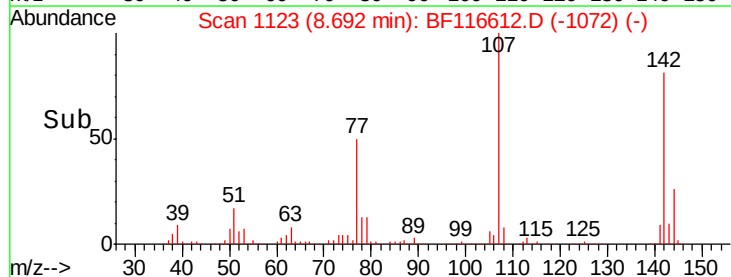
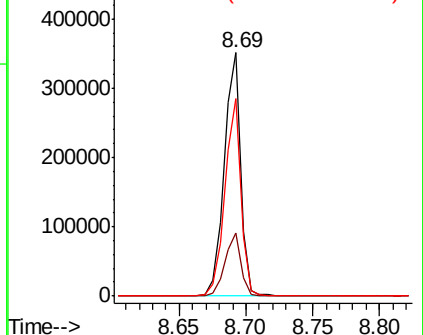


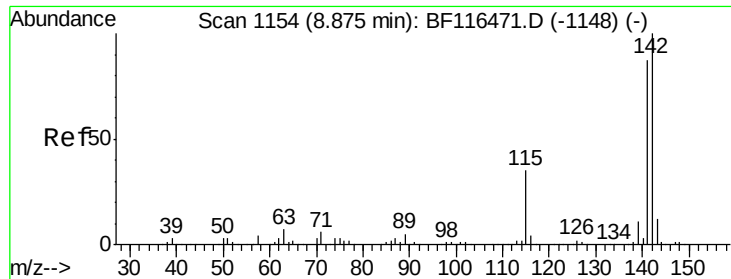
#36
4-Chloro-3-methylphenol
Concen: 42.177 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:107 Resp: 307896
Ion Ratio Lower Upper
107 100
144 25.9 20.6 30.8
142 81.4 63.8 95.6



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

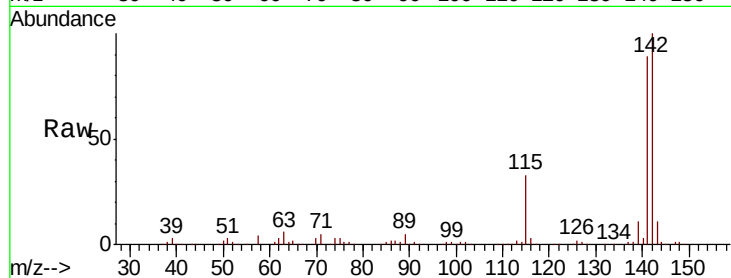




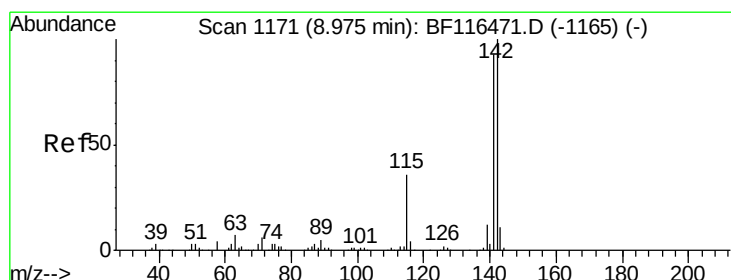
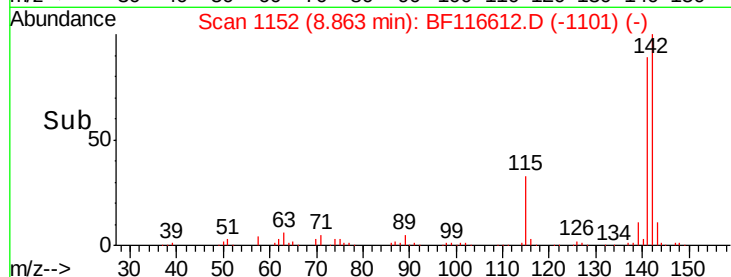
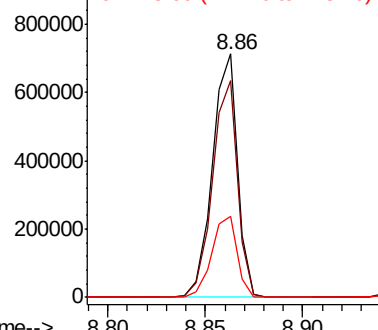
#37
2-Methylnaphthalene
Concen: 40.750 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Instrument :
BNA_F
ClientSampleId :
ICVBF082819

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.5	104.3
115	33.2	26.0	39.0

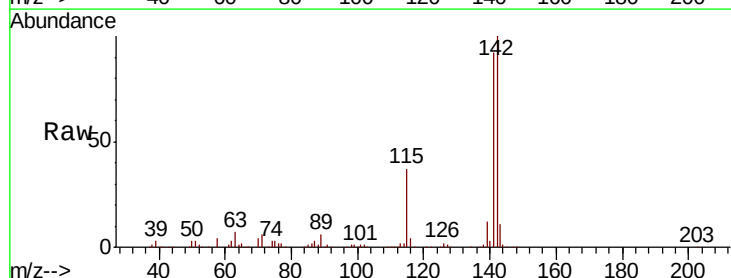


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

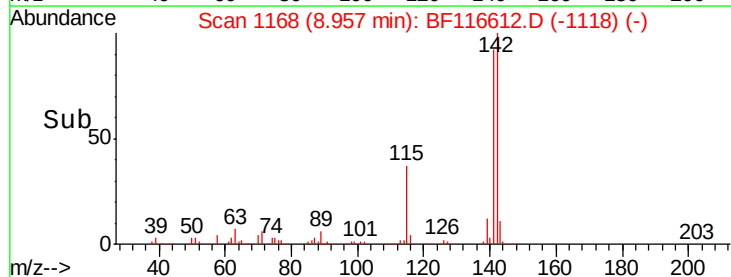
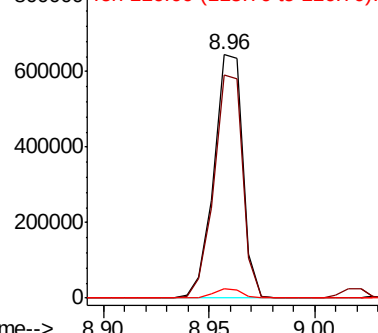


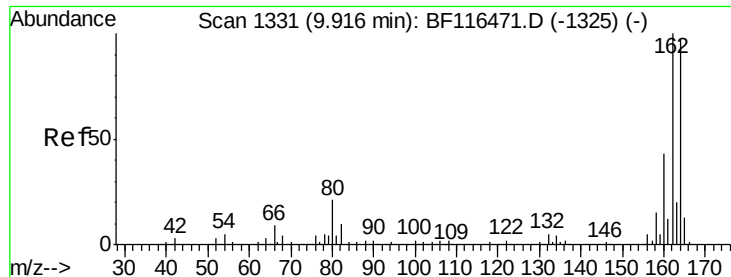
#38
1-Methylnaphthalene
Concen: 40.058 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.1	109.7
116	3.8	2.7	4.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

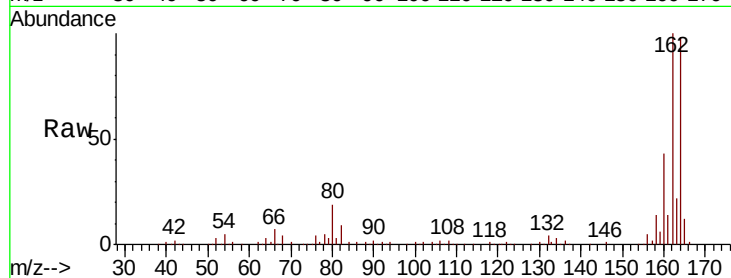
Tot Ion:164 Resp: 259190

Ion Ratio Lower Upper

164 100

162 102.1 83.4 125.0

160 43.6 37.0 55.4

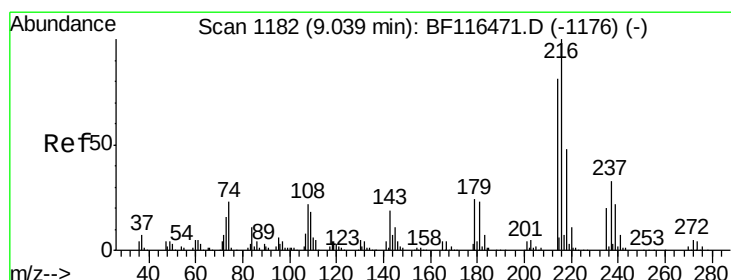
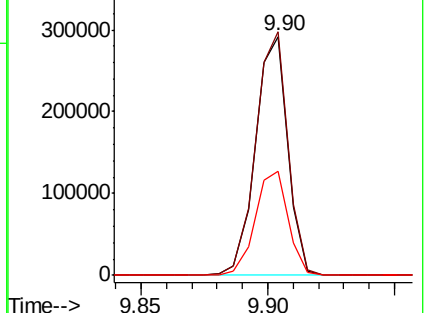
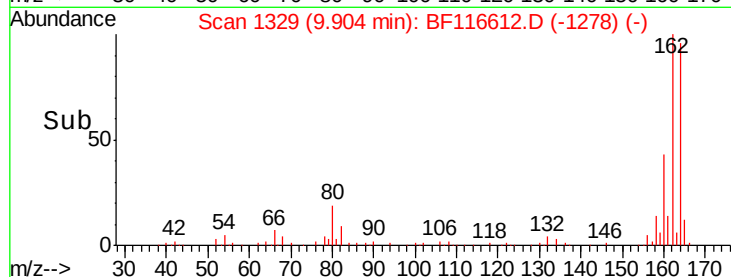


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.709 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Tgt Ion:216 Resp: 303709

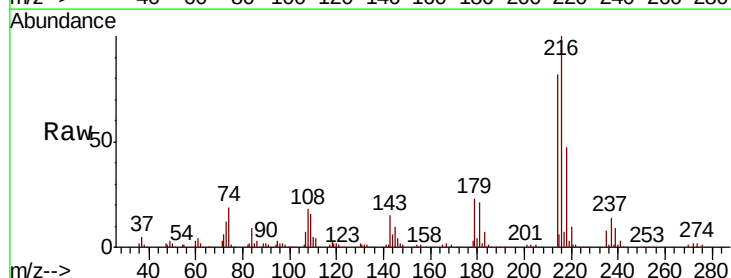
Ion Ratio Lower Upper

216 100

214 80.0 63.3 94.9

179 22.5 17.9 26.9

108 19.9 16.0 24.0



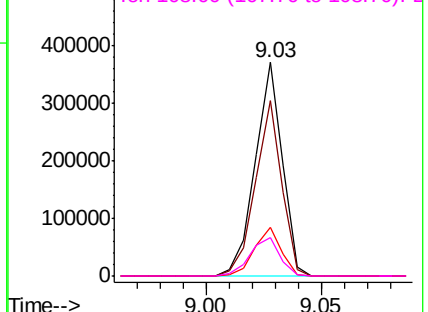
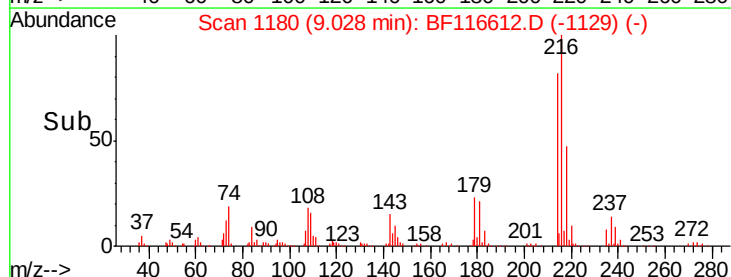
Abundance

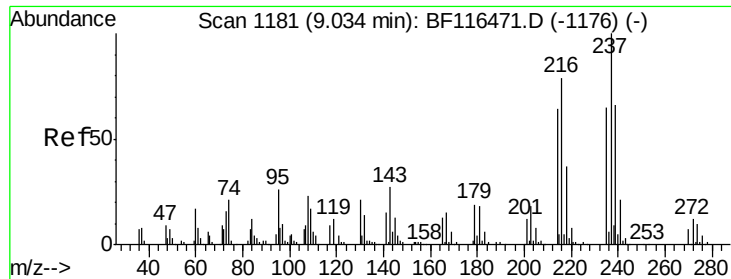
Ion 216.00 (215.70 to 216.70): E

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

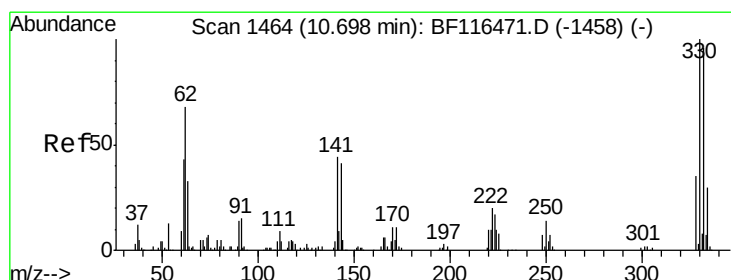
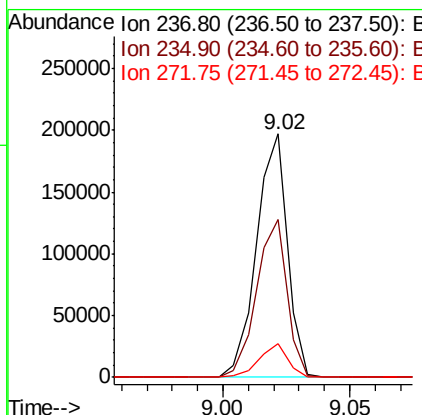
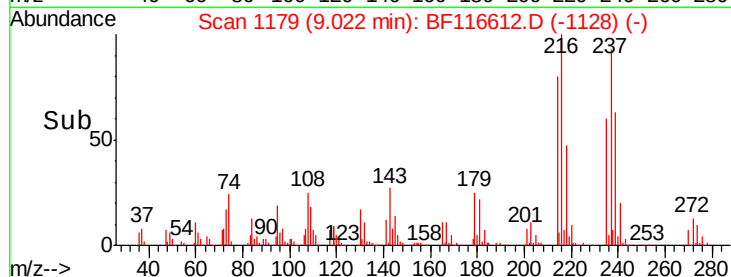
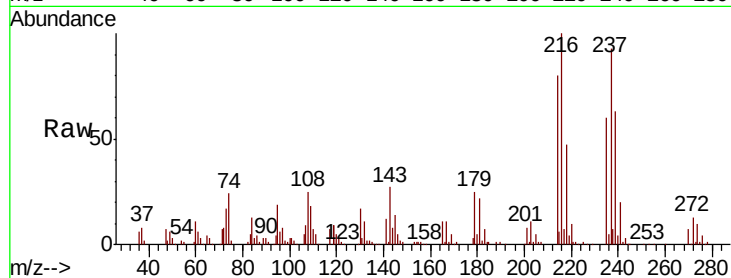




#41
Hexachlorocyclopentadiene
Concen: 40.680 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

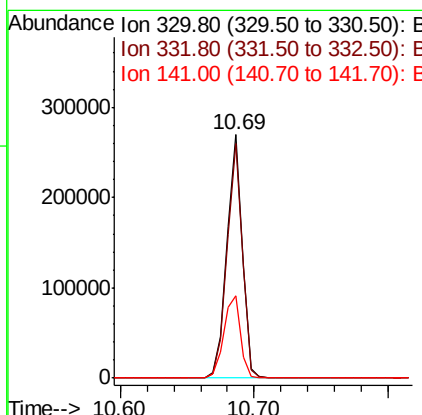
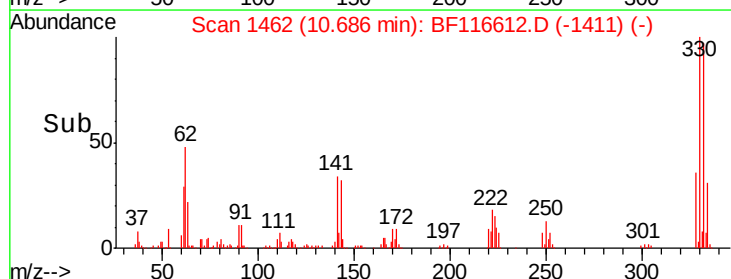
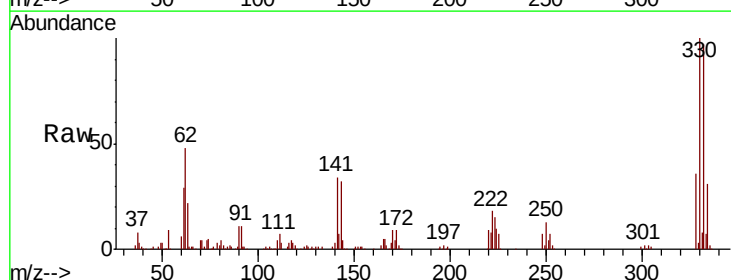
Instrument :
BNA_F
ClientSampleId :
ICVBF082819

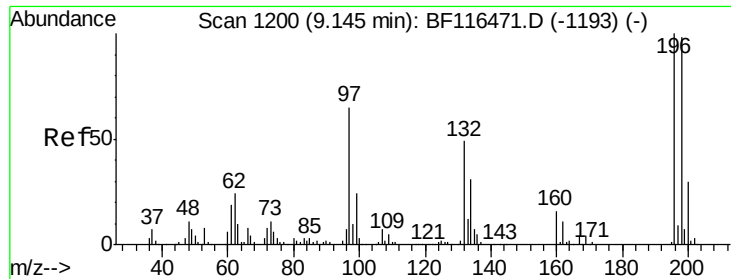
Tot Ion:237 Resp: 167514
Ion Ratio Lower Upper
237 100
235 64.6 42.9 82.9
272 13.9 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 90.021 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:330 Resp: 222035
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 36.3 28.2 42.2

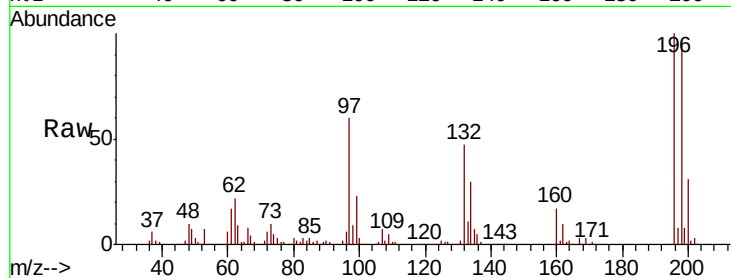




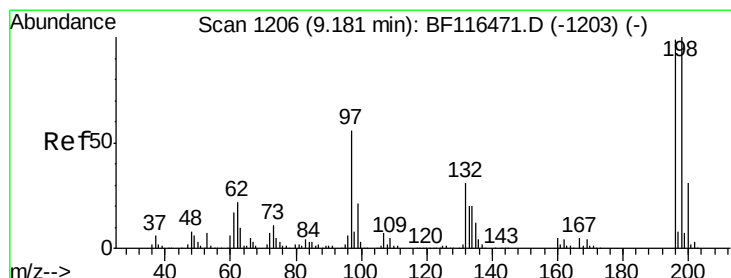
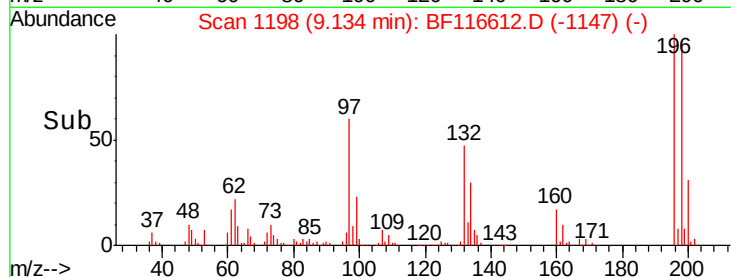
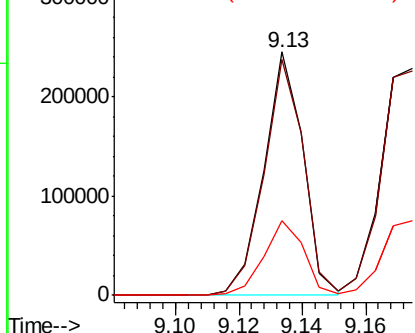
#43
 2,4,6-Trichlorophenol
 Concen: 42.313 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

Tot Ion:196 Resp: 211319
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.8 115.2
 200 30.7 25.0 37.6

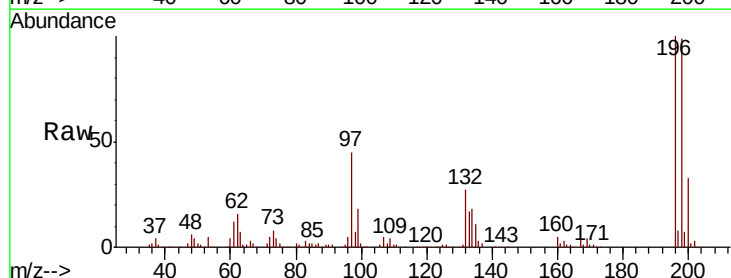


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

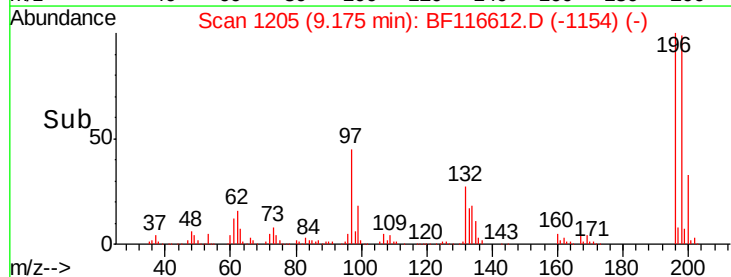
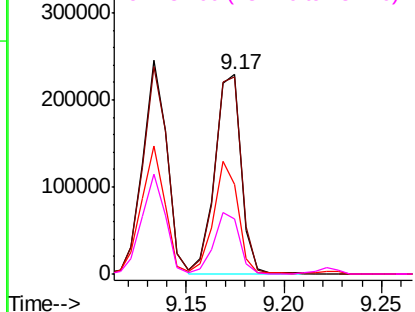


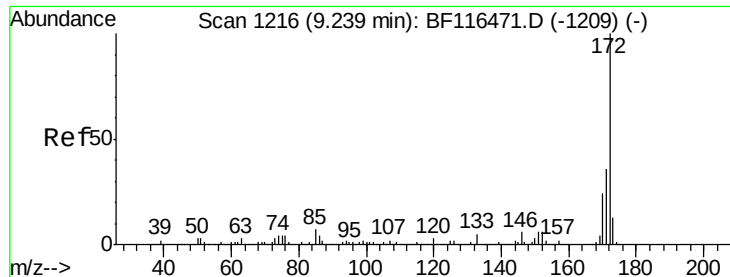
#44
 2,4,5-Trichlorophenol
 Concen: 42.882 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion:196 Resp: 215401
 Ion Ratio Lower Upper
 196 100
 198 99.0 82.0 123.0
 97 45.2 37.0 55.6
 132 27.5 22.2 33.2



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

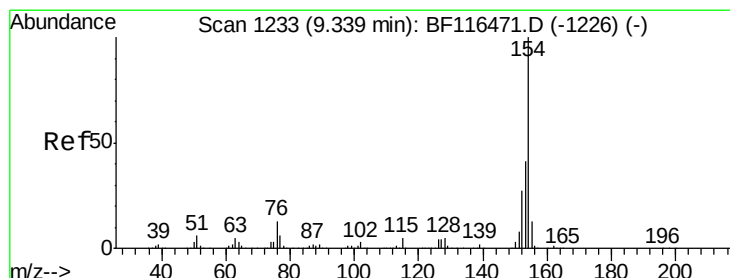
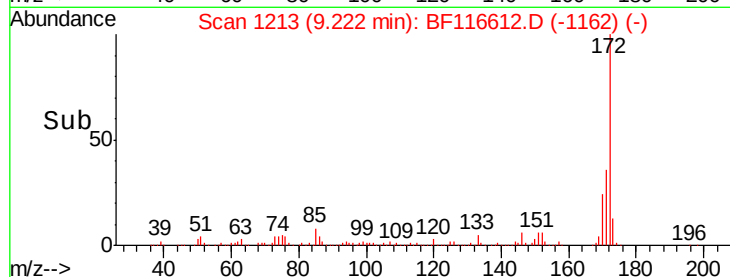
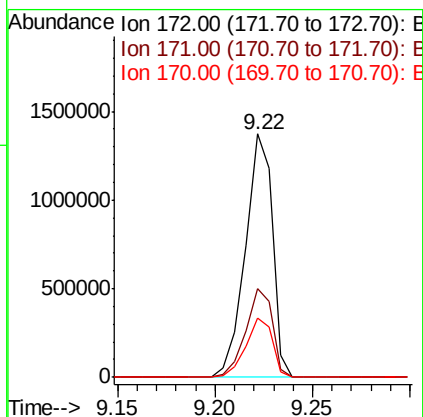
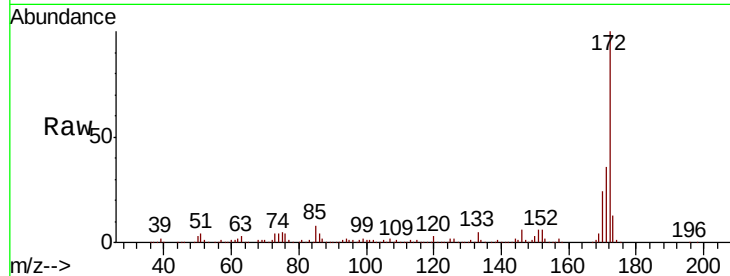




#45
2-Fluorobiphenyl
Concen: 84.665 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

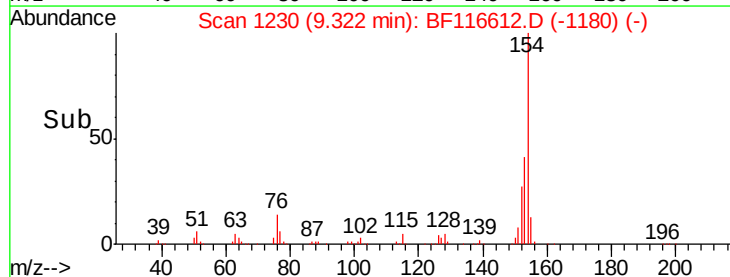
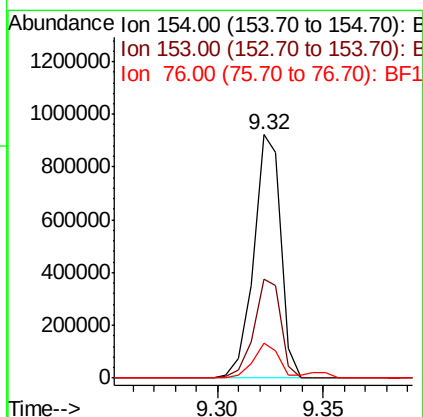
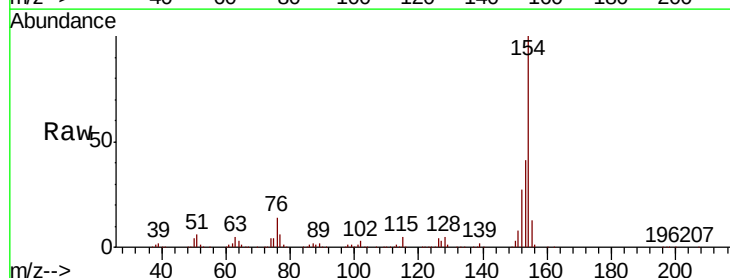
Instrument :
BNA_F
ClientSampleId :
ICVBF082819

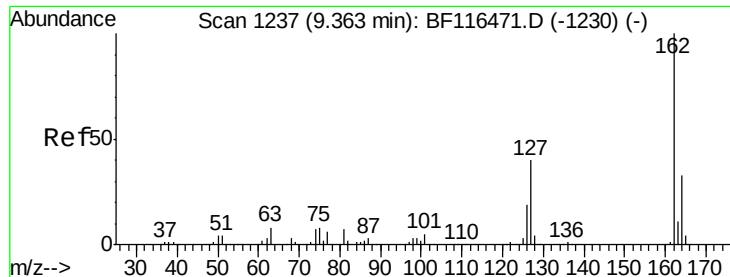
Tot Ion:172 Resp: 1318616
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.1 19.3 28.9



#46
1,1'-Biphenyl
Concen: 41.815 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:154 Resp: 822717
Ion Ratio Lower Upper
154 100
153 40.5 21.4 61.4
76 14.2 0.0 31.8

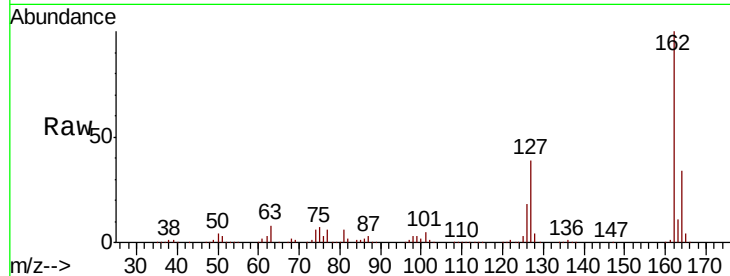




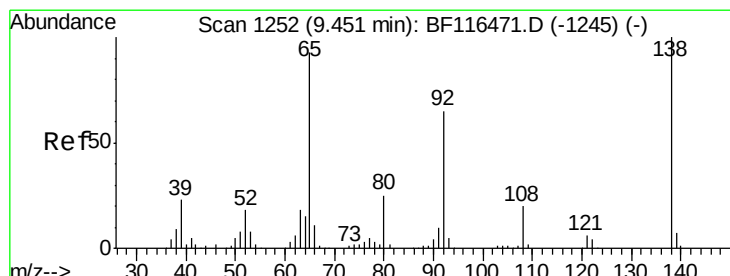
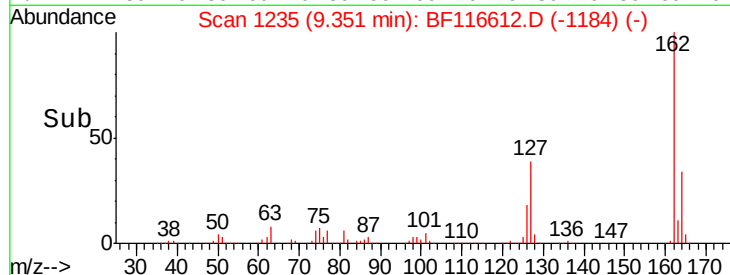
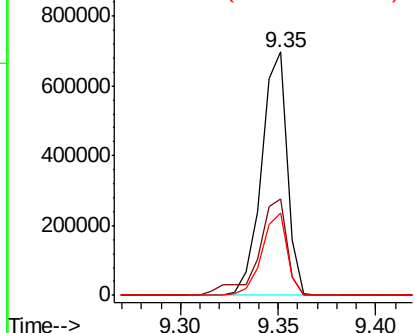
#47
 2-Chloronaphthalene
 Concen: 41.395 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

Tot Ion:162 Resp: 634914
 Ion Ratio Lower Upper
 162 100
 127 39.4 31.1 46.7
 164 33.8 26.8 40.2

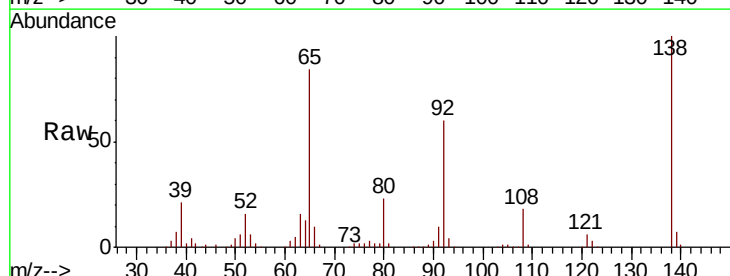


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

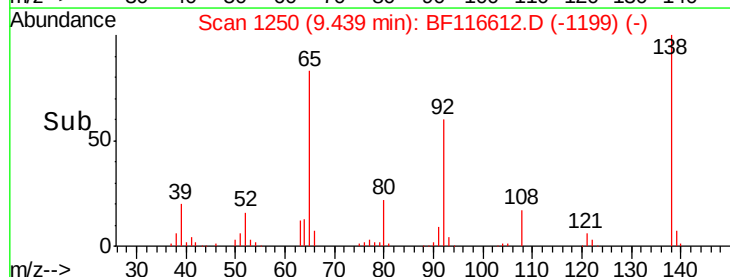
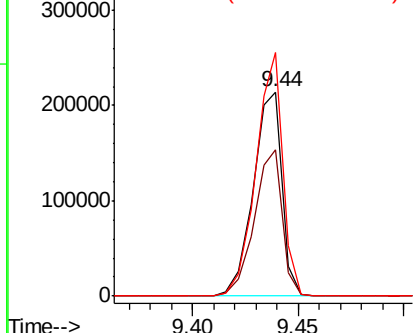


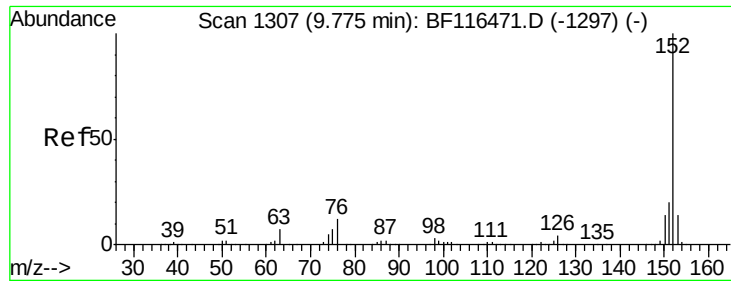
#48
 2-Nitroaniline
 Concen: 41.886 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion: 65 Resp: 203190
 Ion Ratio Lower Upper
 65 100
 92 71.9 58.2 87.2
 138 119.2 96.6 144.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.026 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

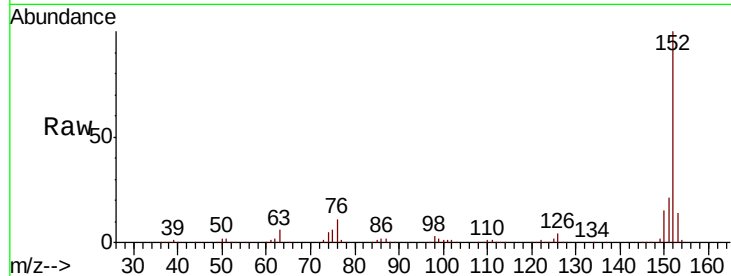
Tot Ion:152 Resp: 901721

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

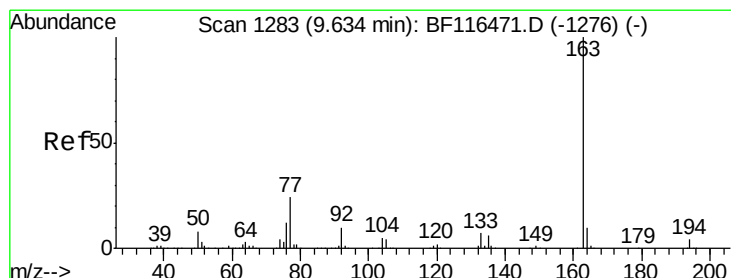
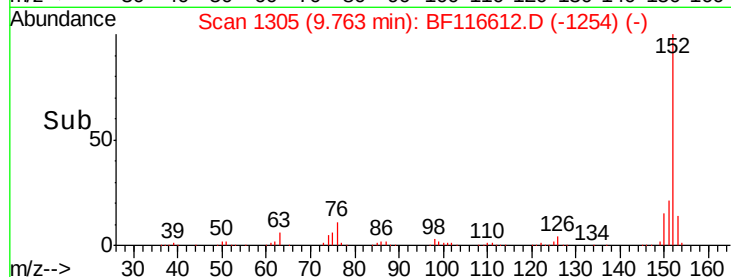
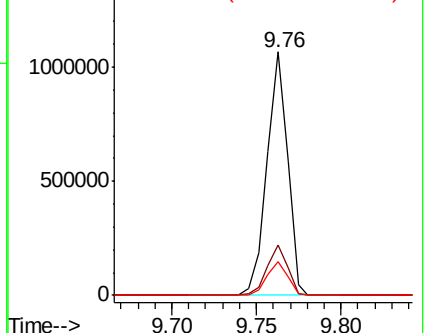
153 13.9 11.3 16.9



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: 42.977 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

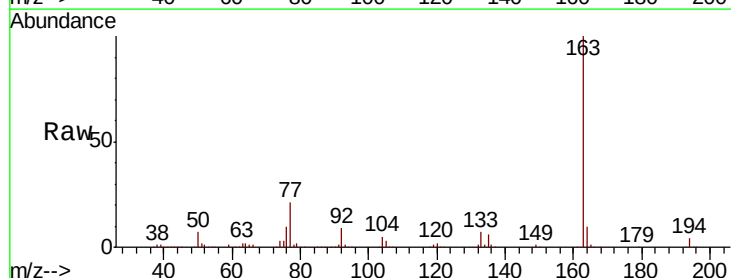
Tgt Ion:163 Resp: 748875

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

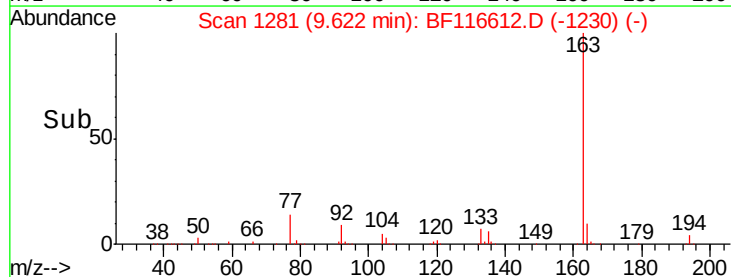
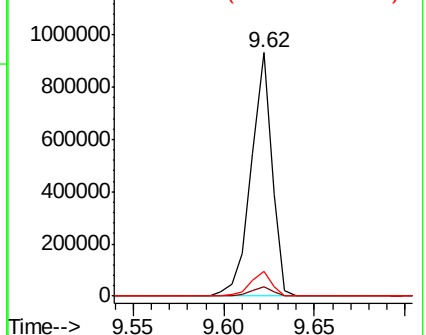
164 10.1 8.2 12.2

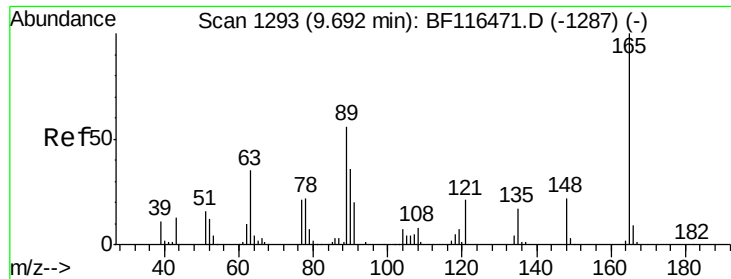


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.918 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

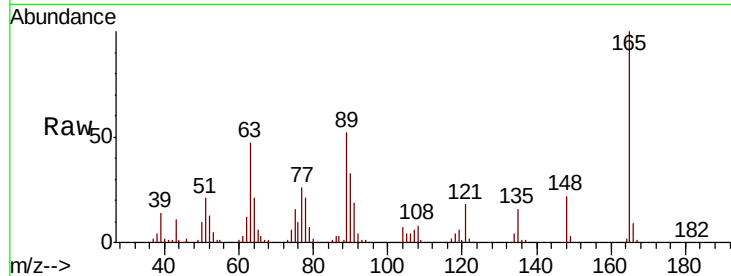
Tot Ion:165 Resp: 164908

Ion Ratio Lower Upper

165 100

63 47.4 37.2 55.8

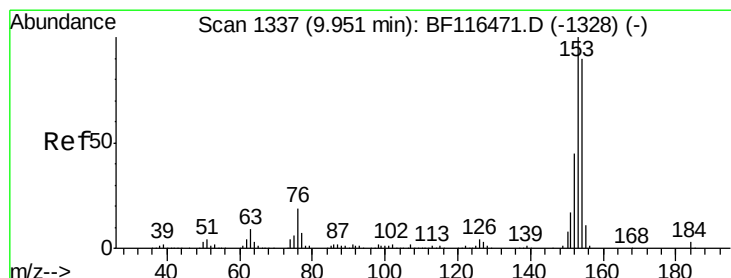
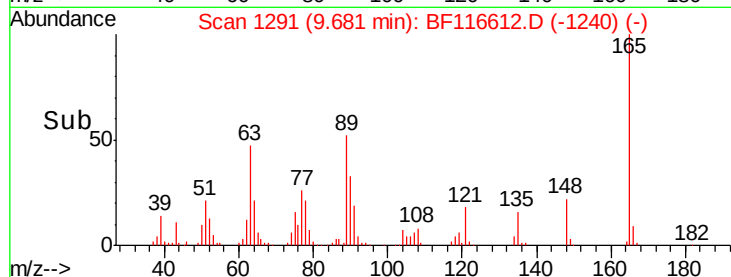
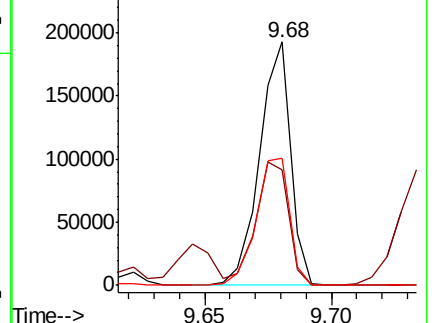
89 52.4 40.8 61.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.666 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

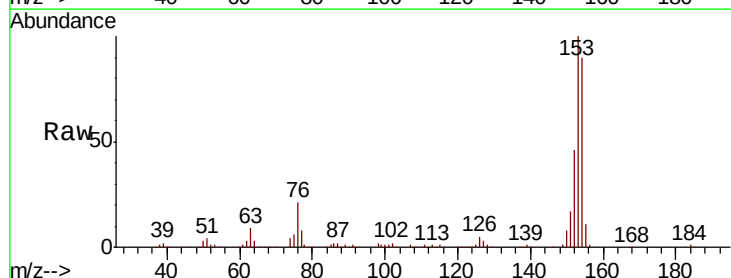
Tgt Ion:154 Resp: 620317

Ion Ratio Lower Upper

154 100

153 111.1 86.6 129.8

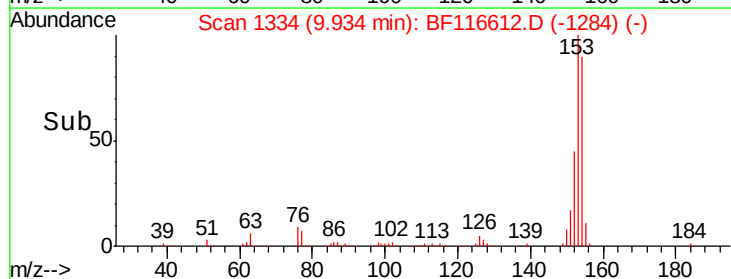
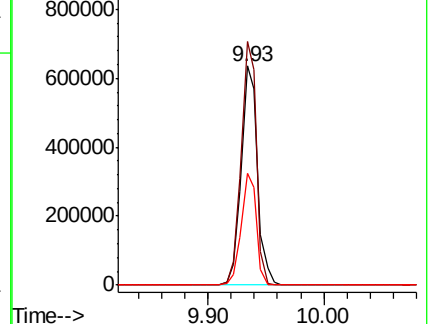
152 51.1 39.4 59.0

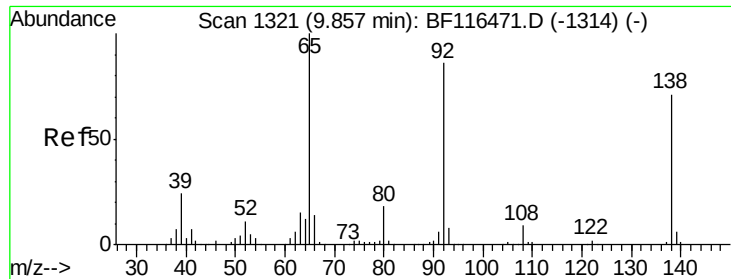


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

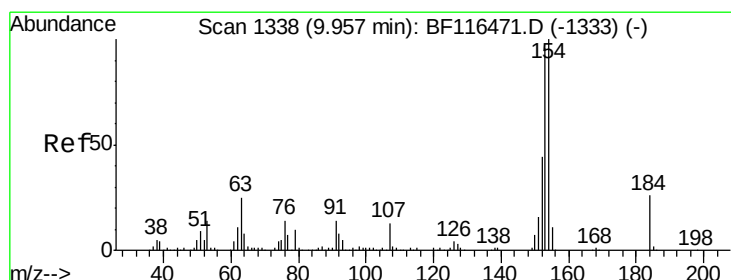
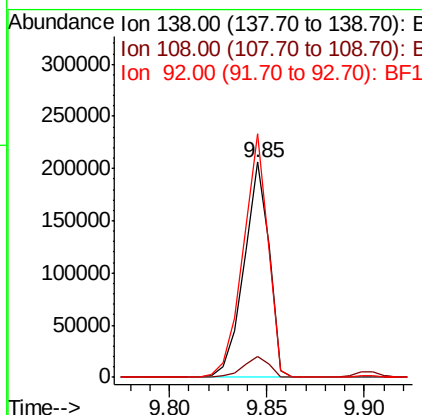
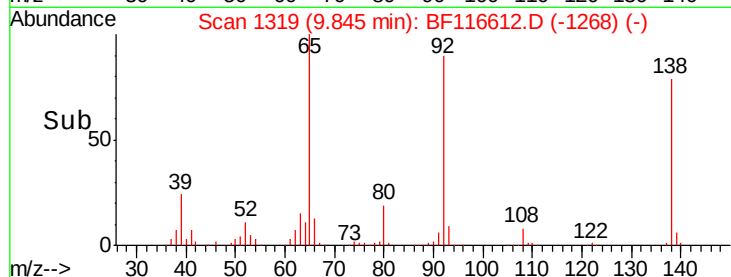
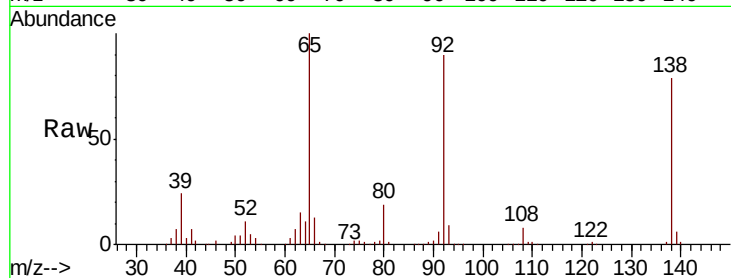




#53
 3-Nitroaniline
 Concen: 39.921 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

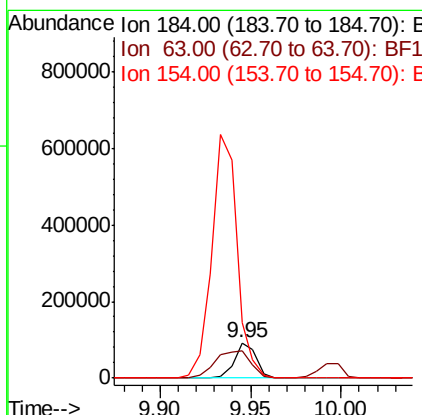
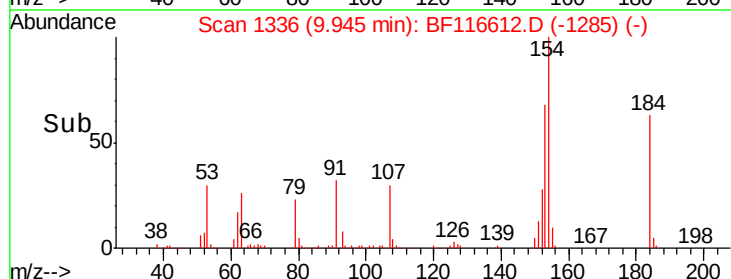
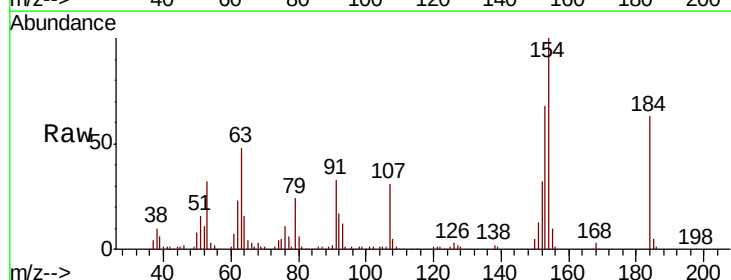
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

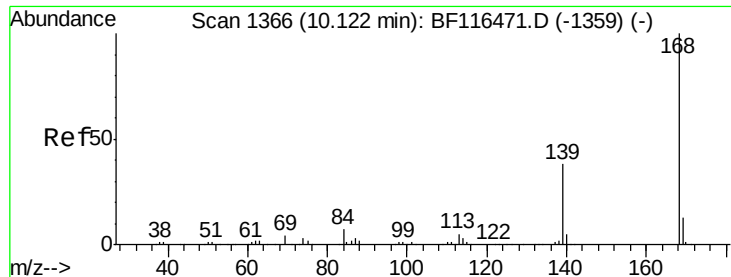
Tot Ion:138 Resp: 183157
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.5 12.7
 92 113.2 91.6 137.4



#54
 2,4-Dinitrophenol
 Concen: 40.812 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion:184 Resp: 77703
 Ion Ratio Lower Upper
 184 100
 63 76.8 62.7 94.1
 154 158.6 150.0 225.0

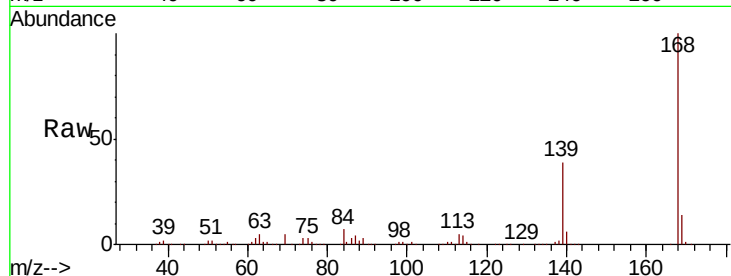




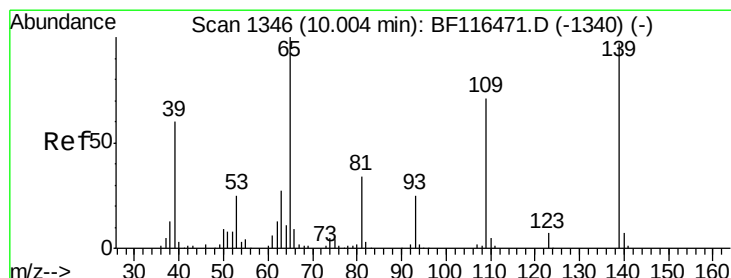
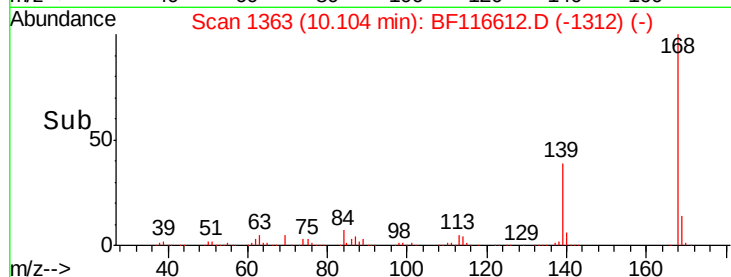
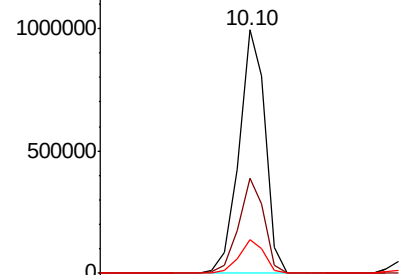
#55
Dibenzenofuran
Concen: 41.730 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Instrument :
BNA_F
ClientSampleId :
ICVBF082819

Tot Ion:168 Resp: 857208
Ion Ratio Lower Upper
168 100
139 39.3 31.3 46.9
169 13.9 11.3 16.9

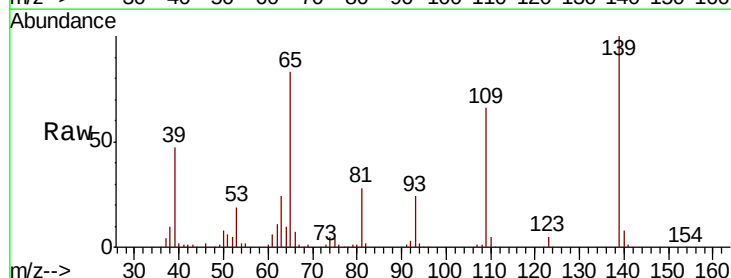


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

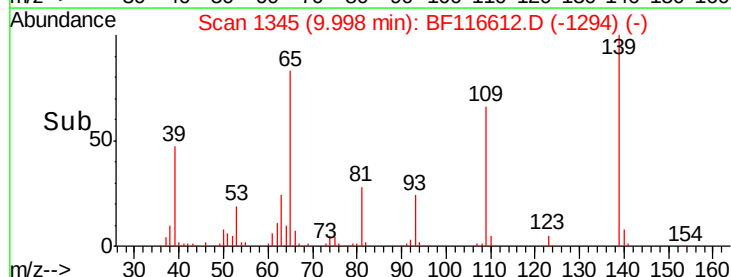
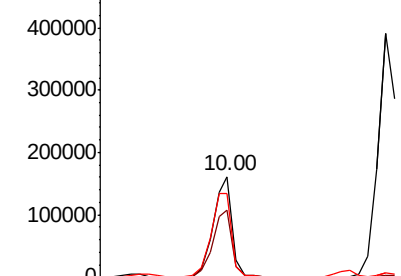


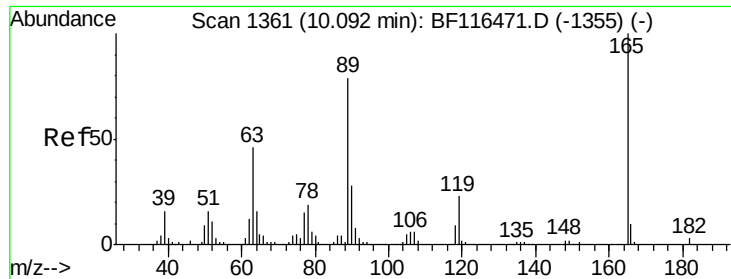
#56
4-Nitrophenol
Concen: 41.631 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:139 Resp: 145204
Ion Ratio Lower Upper
139 100
109 65.8 45.5 85.5
65 82.8 66.8 106.8



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

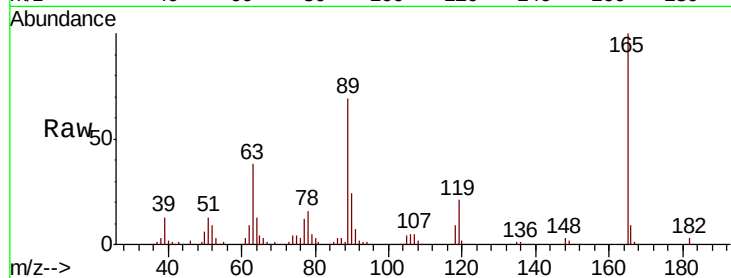




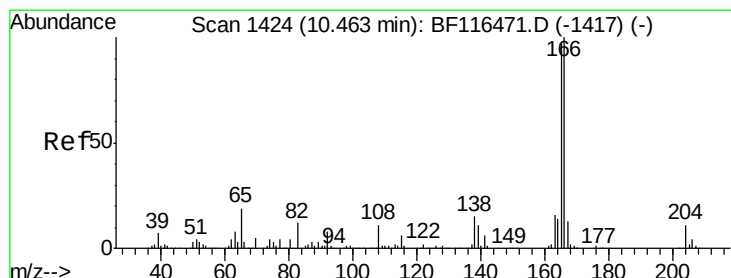
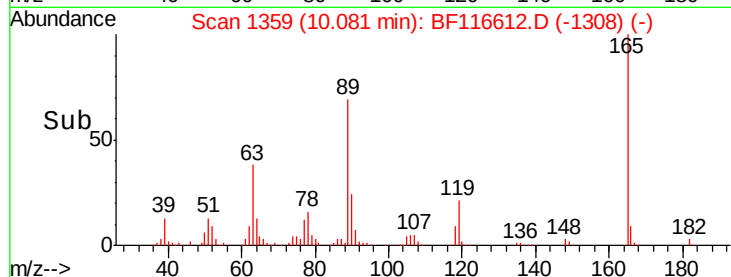
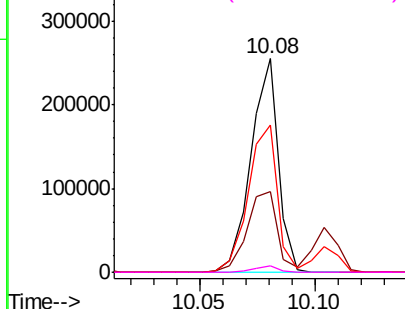
#57
2,4-Dinitrotoluene
Concen: 41.745 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Instrument :
BNA_F
ClientSampleId :
ICVBF082819

Tot Ion:165	Resp: 211648
Ion Ratio	Lower Upper
165 100	
63 37.8	30.9 46.3
89 69.1	55.0 82.6
182 2.8	2.2 3.2

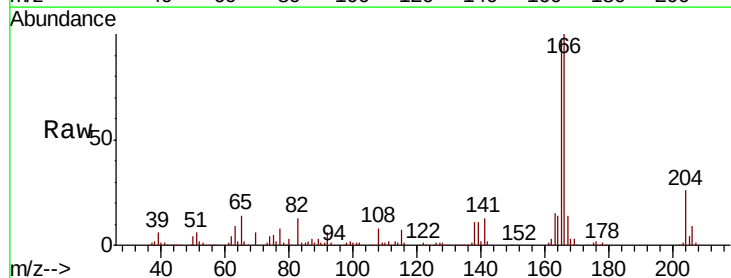


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

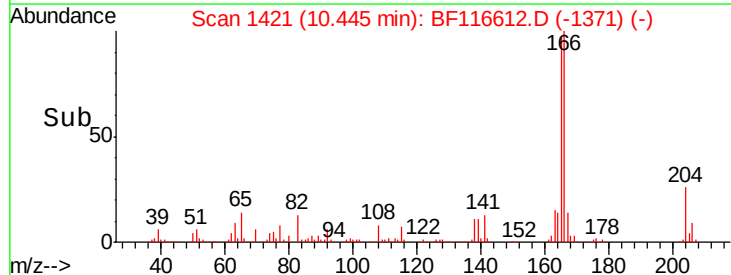
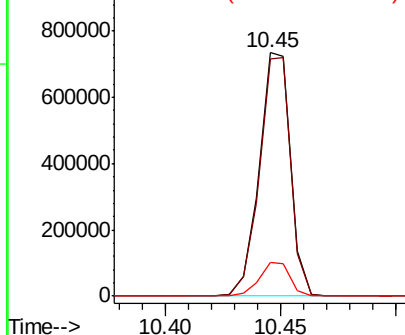


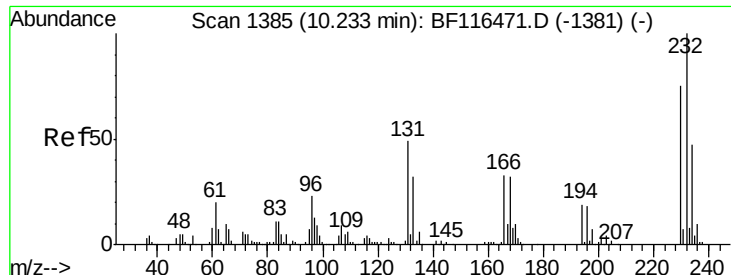
#58
Fluorene
Concen: 44.406 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt	Ion:166	Resp:	692272
Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.6
167	13.7	10.6	16.0



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

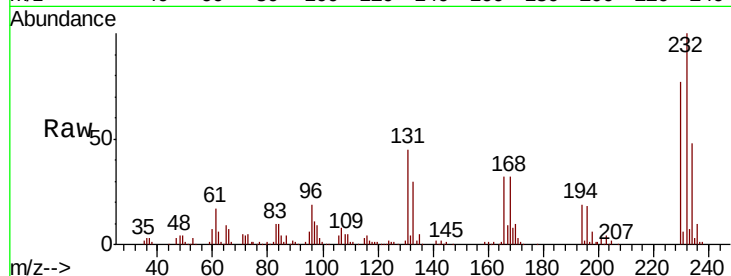




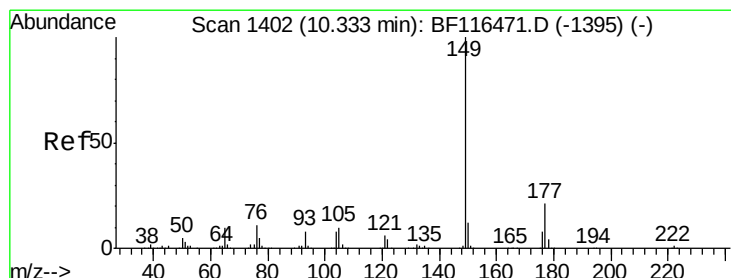
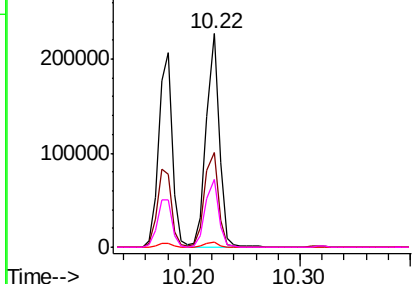
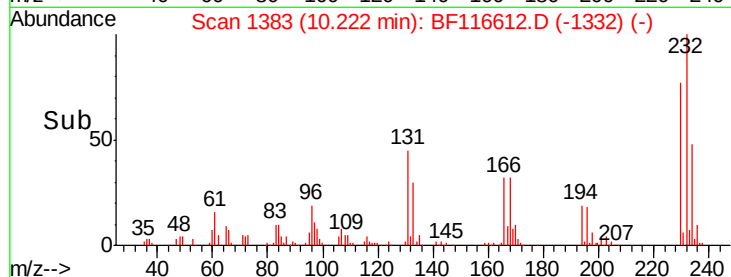
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.705 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

Tot Ion:	232	Resp:	180705
Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.7	56.5
130	2.1	1.8	2.6
166	31.9	25.5	38.3

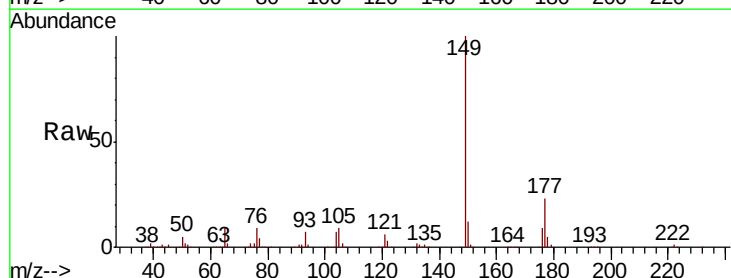


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

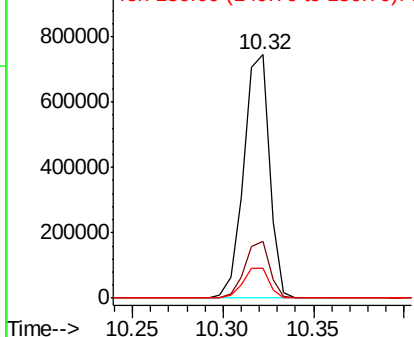
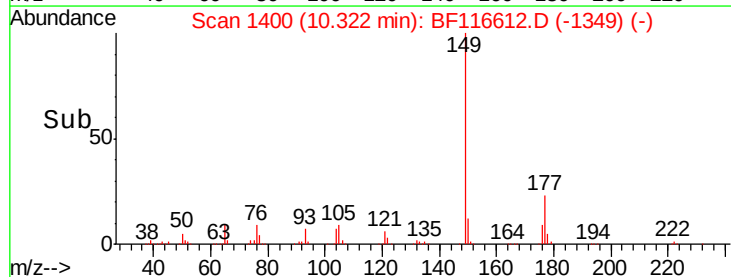


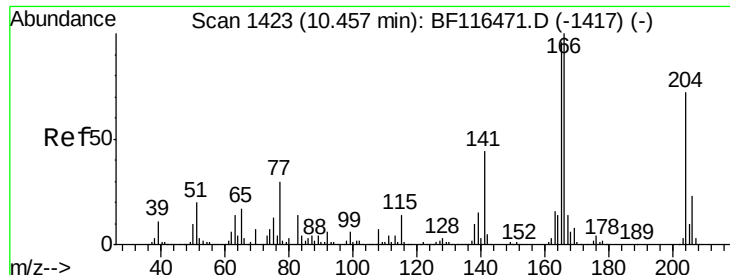
#60
 Diethylphthalate
 Concen: 43.185 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion:	149	Resp:	734521
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.2	27.4
150	12.3	10.1	15.1



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

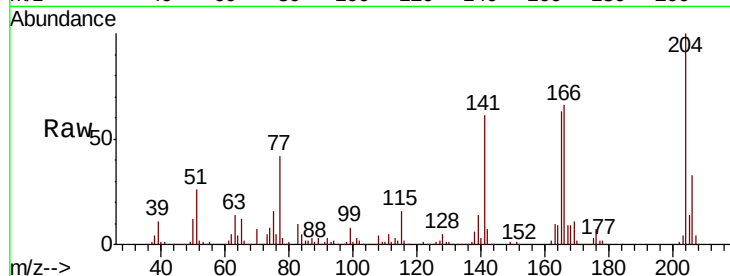




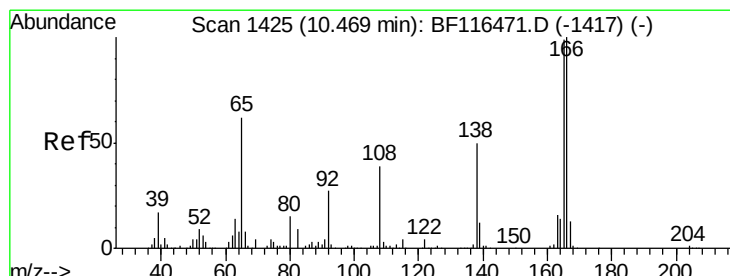
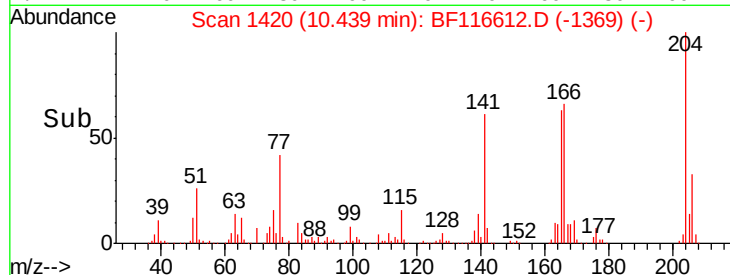
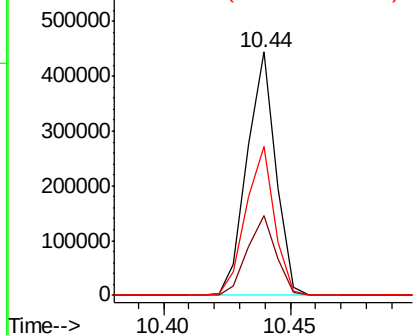
#61
 4-Chlorophenyl-phenylether
 Concen: 44.760 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

Tot Ion:204 Resp: 349819
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.0 39.0
 141 61.0 47.9 71.9

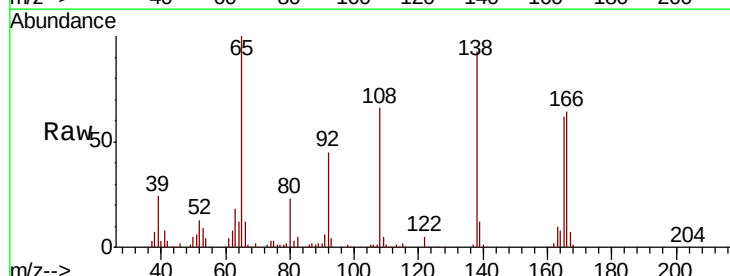


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

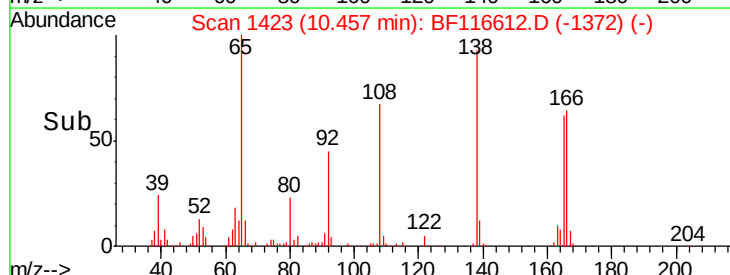
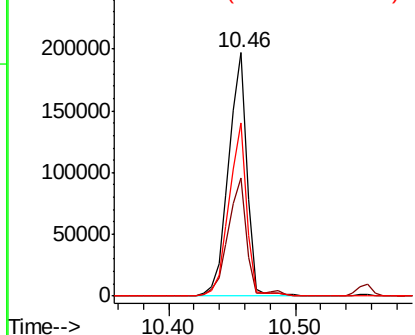


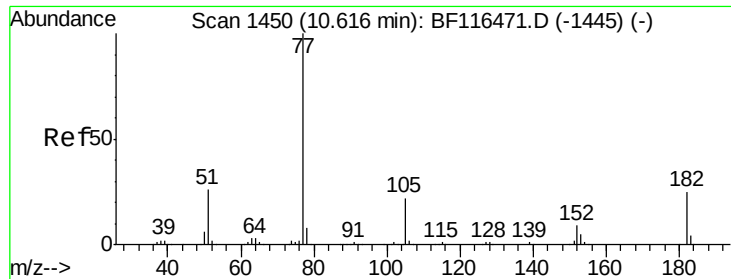
#62
 4-Nitroaniline
 Concen: 44.339 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion:138 Resp: 197923
 Ion Ratio Lower Upper
 138 100
 92 48.7 28.9 68.9
 108 71.3 49.3 89.3



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

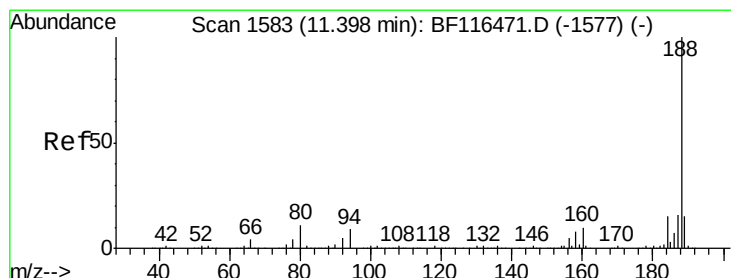
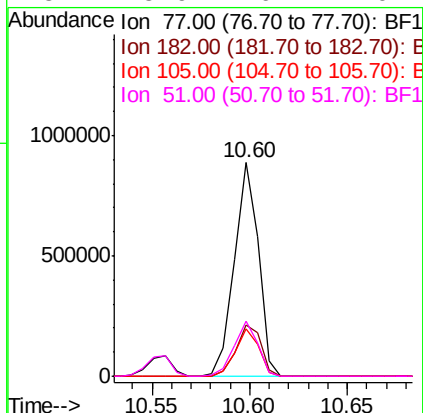
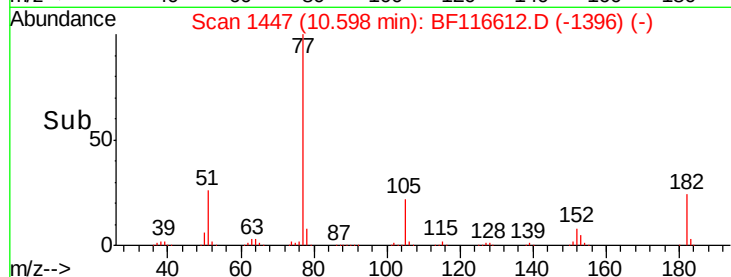
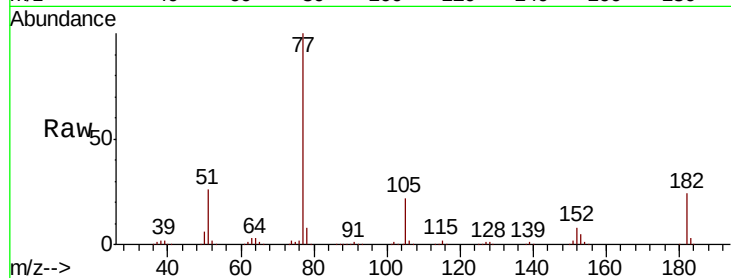




#63
Azobenzene
Concen: 44.090 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

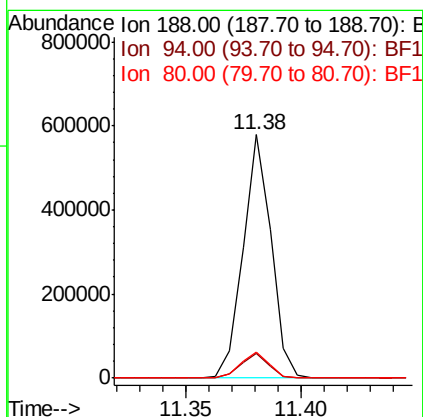
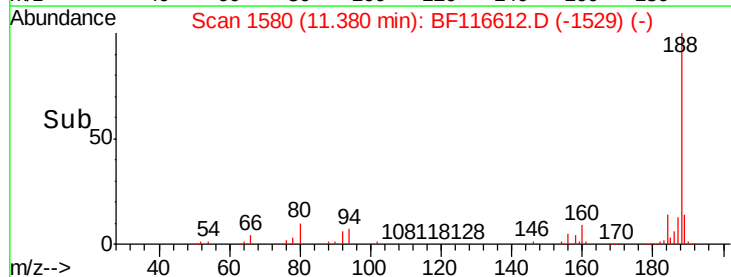
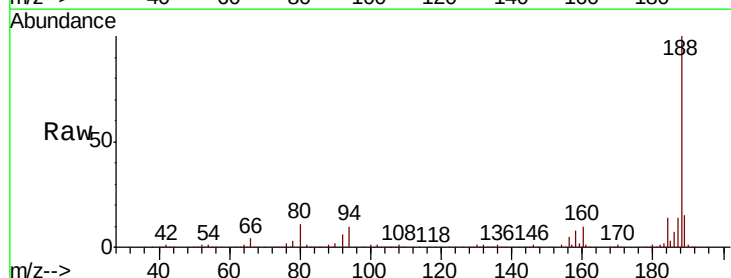
Instrument :
BNA_F
ClientSampleId :
ICVBF082819

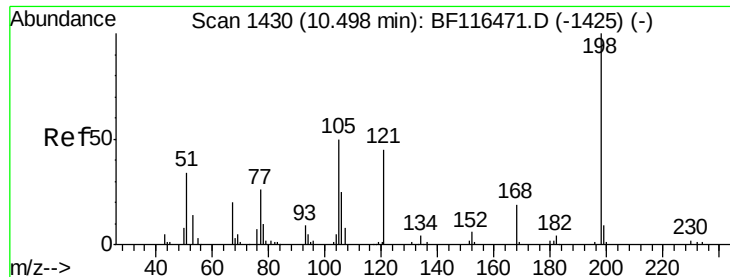
Tot Ion:	77	Resp:	757023
Ion	Ratio	Lower	Upper
77	100		
182	24.0	3.8	43.8
105	22.4	1.6	41.6
51	25.9	6.1	46.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:	188	Resp:	491475
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.4
80	10.7	8.9	13.3

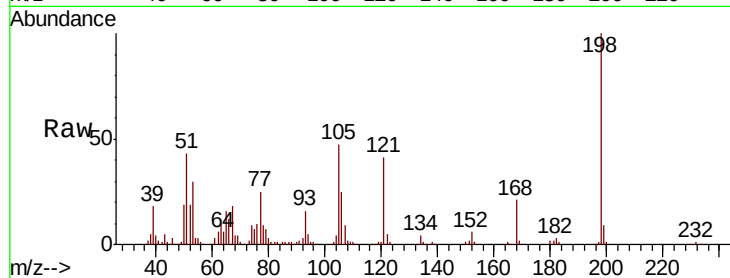




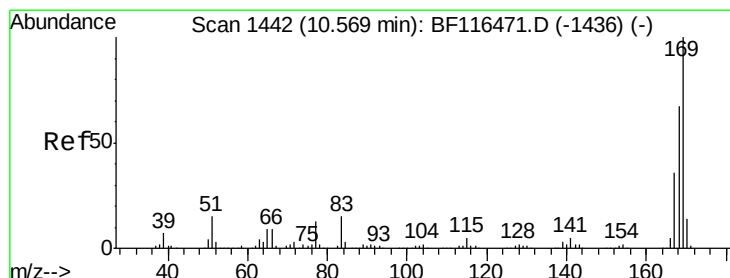
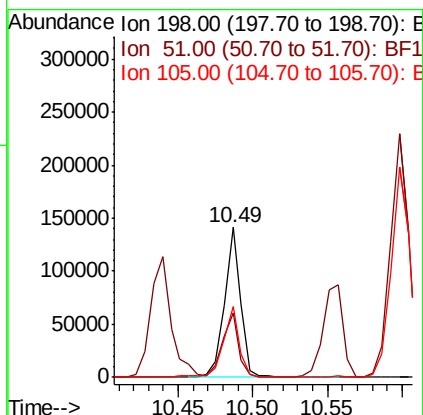
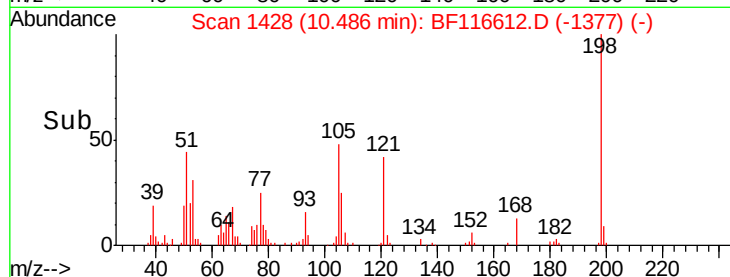
#65
4,6-Dinitro-2-methylphenol
Concen: 41.458 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Instrument :
BNA_F
ClientSampleId :
ICVBF082819

Tot Ion:198 Resp: 108697
Ion Ratio Lower Upper
198 100
51 42.7 21.9 61.9
105 46.9 25.2 65.2

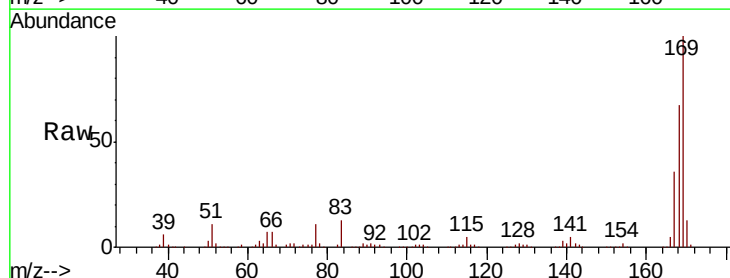


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

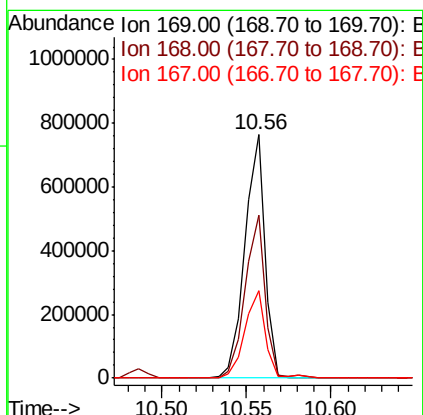
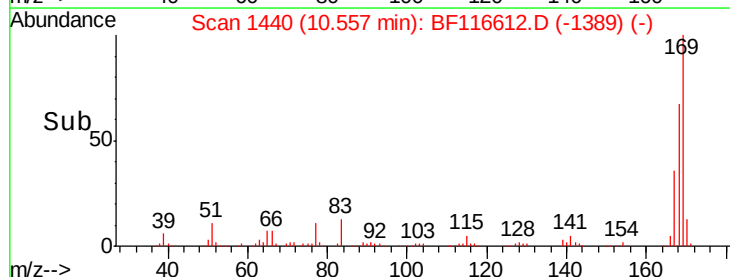


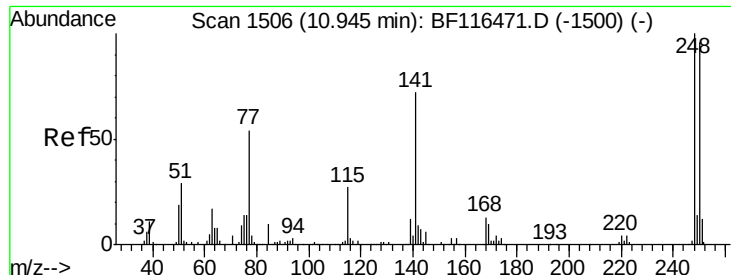
#66
n-Nitrosodiphenylamine
Concen: 40.855 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:169 Resp: 635605
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 35.9 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

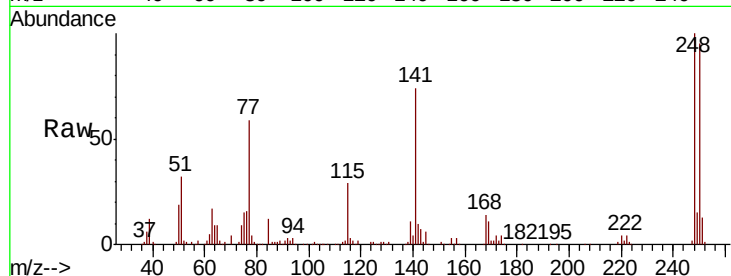




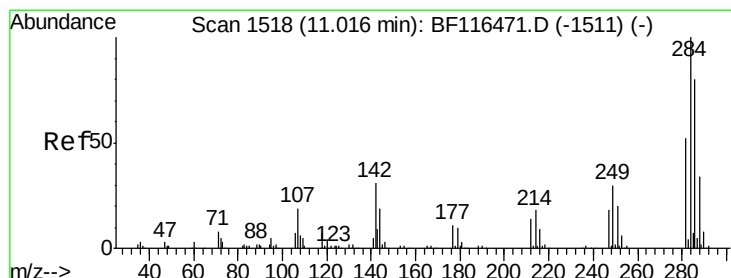
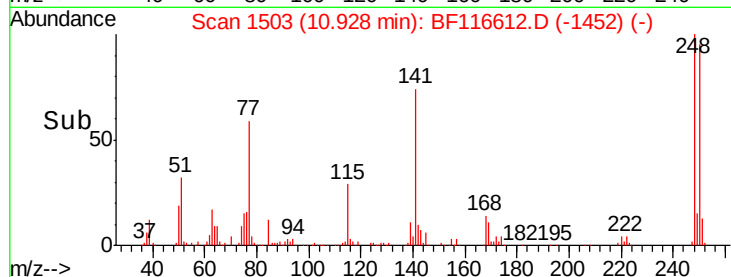
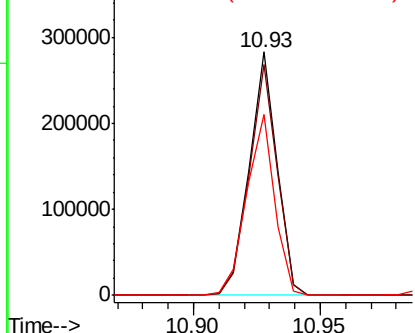
#67
4-Bromophenyl-phenylether
Concen: 41.548 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Instrument :
BNA_F
ClientSampleId :
ICVBF082819

Tot Ion:248 Resp: 216595
Ion Ratio Lower Upper
248 100
250 94.9 76.6 115.0
141 74.4 60.8 91.2

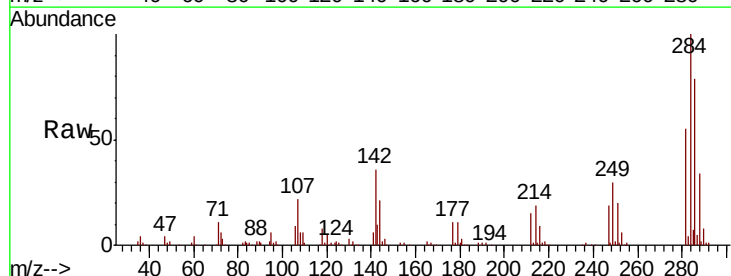


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

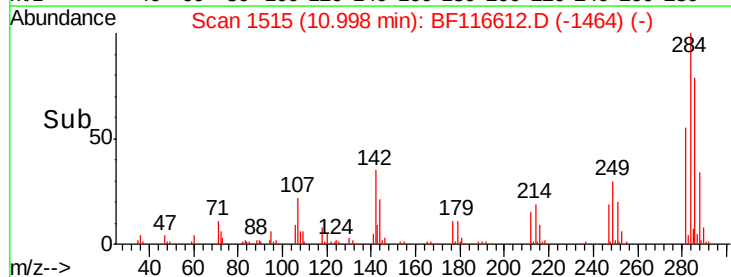
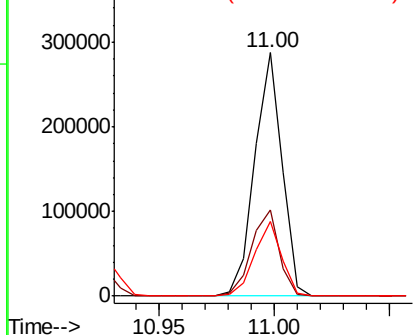


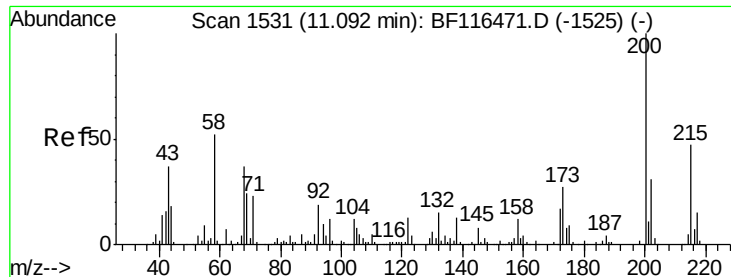
#68
Hexachlorobenzene
Concen: 41.180 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:284 Resp: 239005
Ion Ratio Lower Upper
284 100
142 35.6 27.8 41.8
249 30.5 24.2 36.4



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

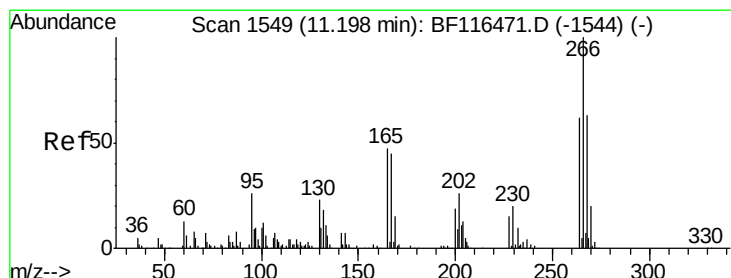
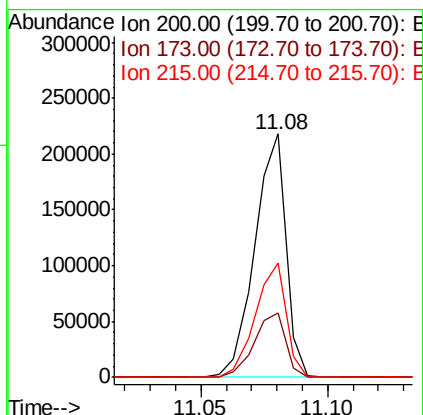
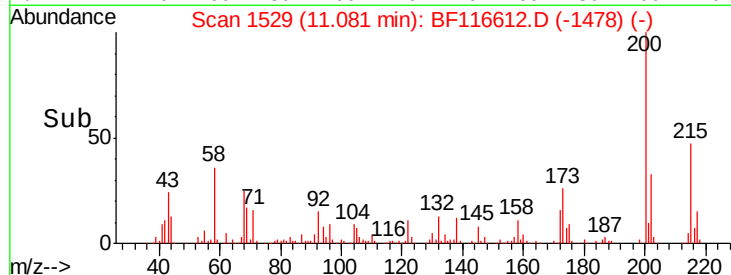
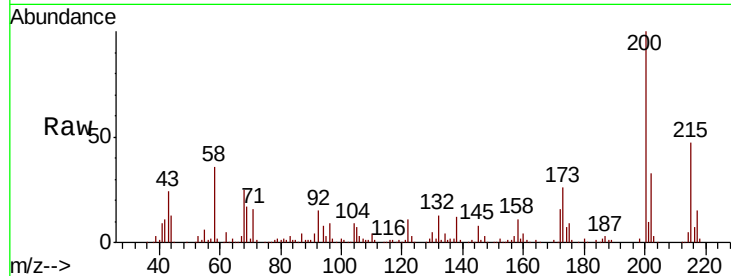




#69
 Atrazine
 Concen: 40.644 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

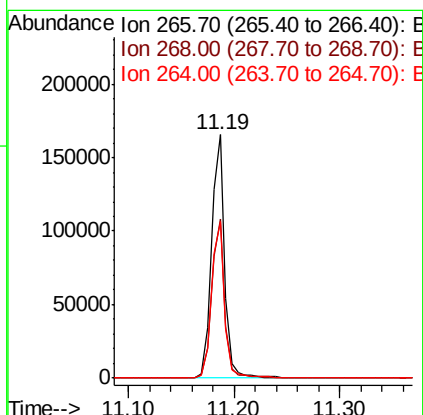
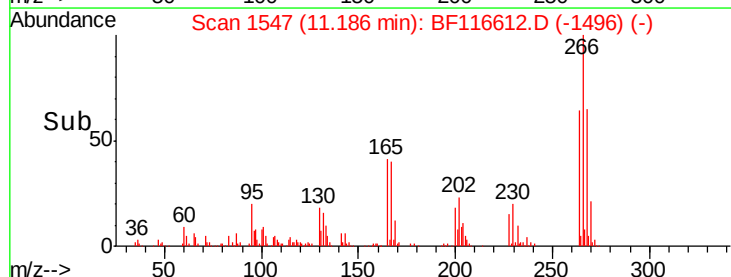
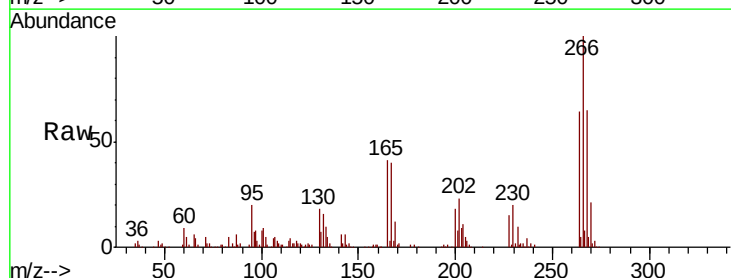
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

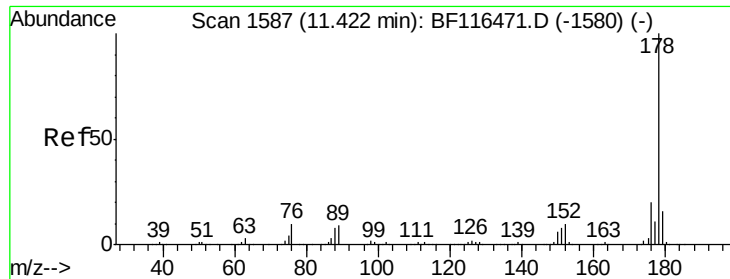
Tot Ion:200 Resp: 187232
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.8 46.8
 215 46.9 28.5 68.5



#70
 Pentachlorophenol
 Concen: 40.704 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion:266 Resp: 145154
 Ion Ratio Lower Upper
 266 100
 268 65.5 49.8 74.8
 264 64.3 49.9 74.9





#71

Phenanthrene

Concen: 40.317 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

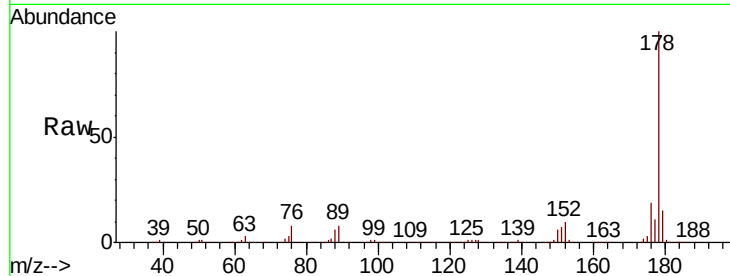
BNA_F

ClientSampleId :

ICVBF082819

Tot Ion:178 Resp: 1064287

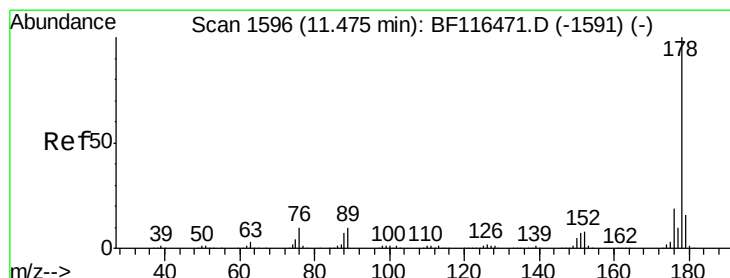
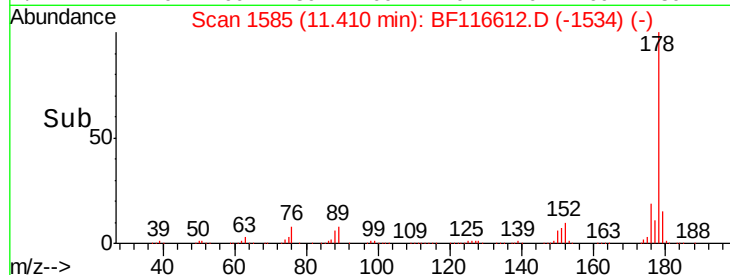
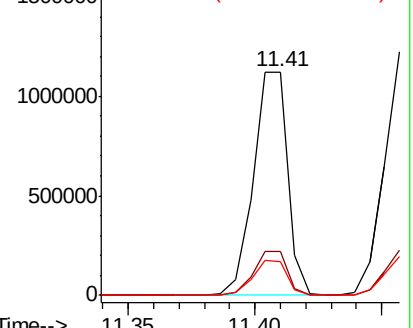
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.2	12.4	18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.428 ng

RT: 11.46 min Scan# 1593

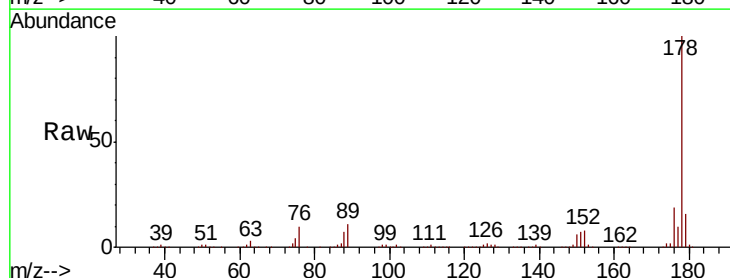
Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Tgt Ion:178 Resp: 1067111

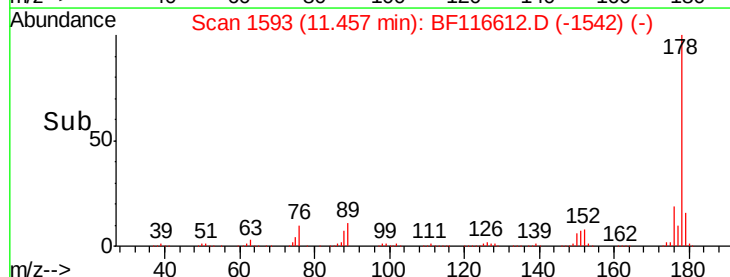
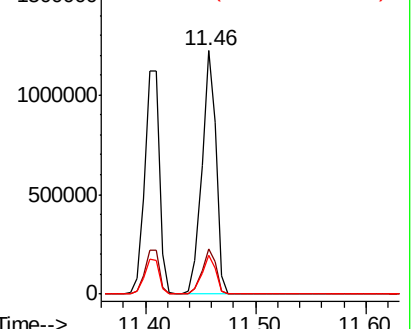
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.9	12.7	19.1

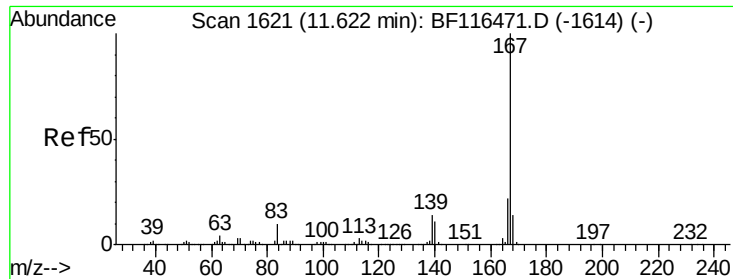


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

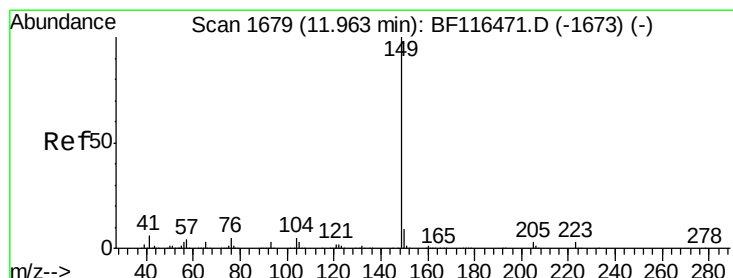
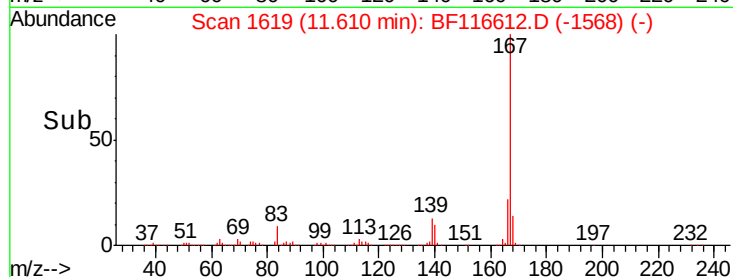
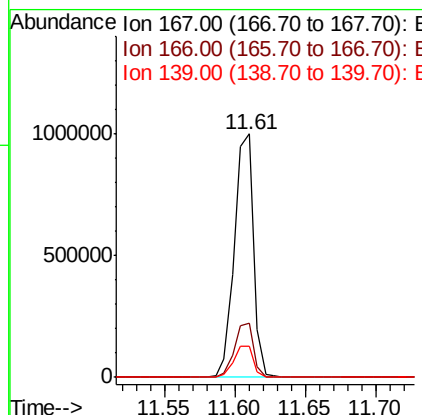
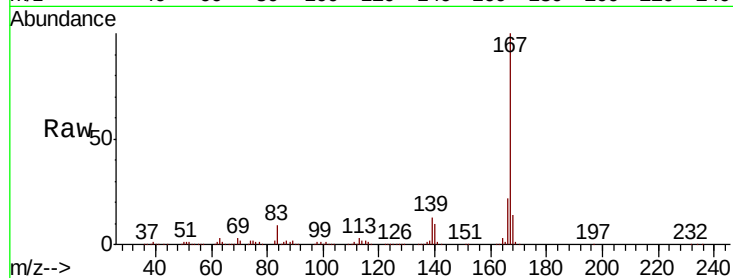




#73
 Carbazole
 Concen: 42.015 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

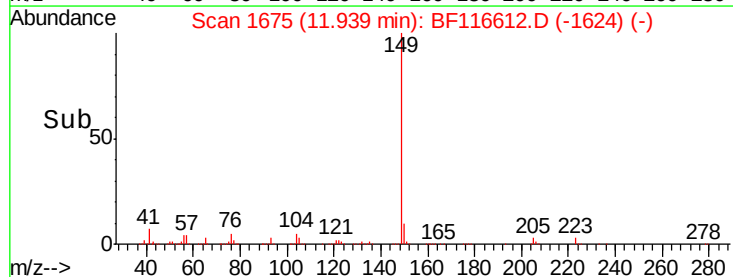
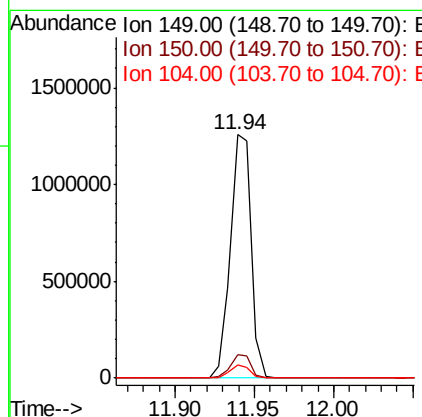
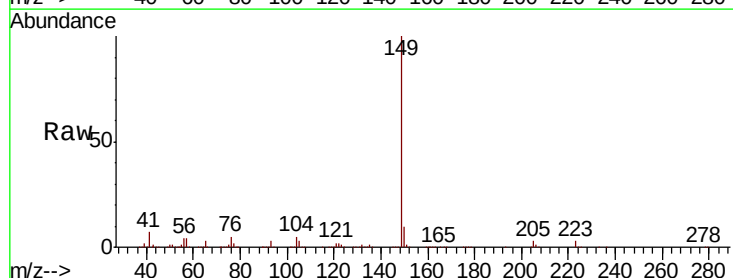
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

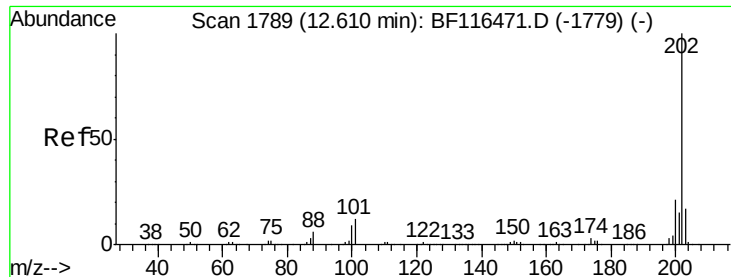
Tot Ion:167 Resp: 943861
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 12.9 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 43.839 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion:149 Resp: 1141301
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.4 4.2 6.4

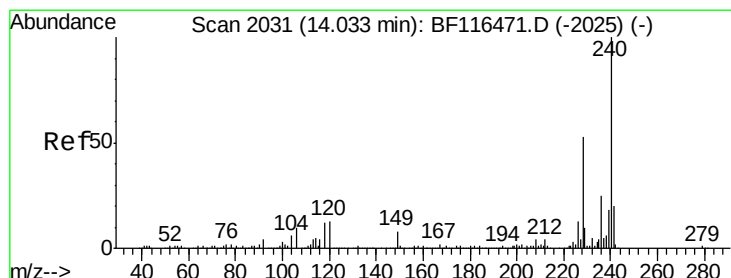
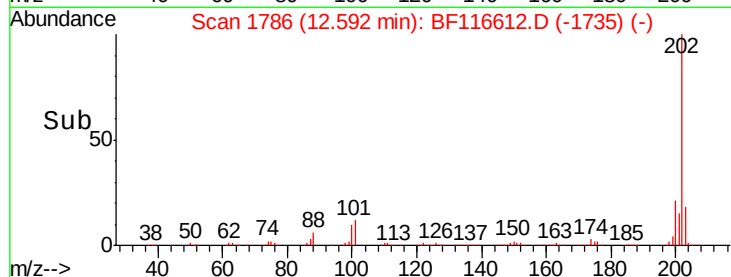
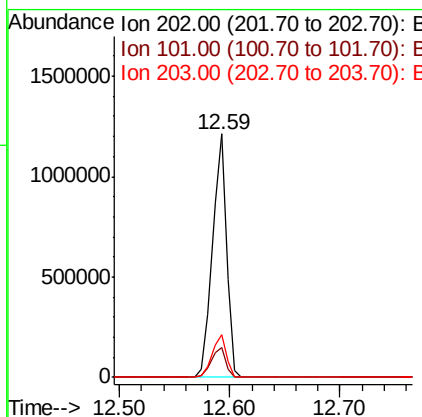
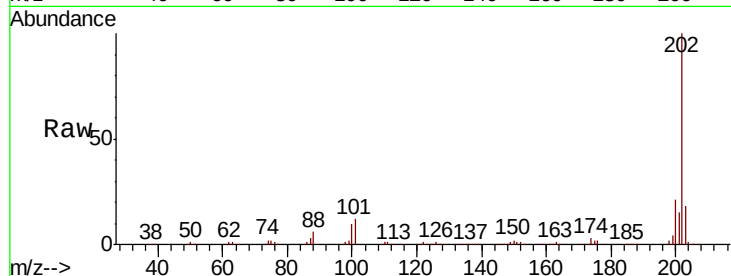




#75
Fluoranthene
Concen: 44.330 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

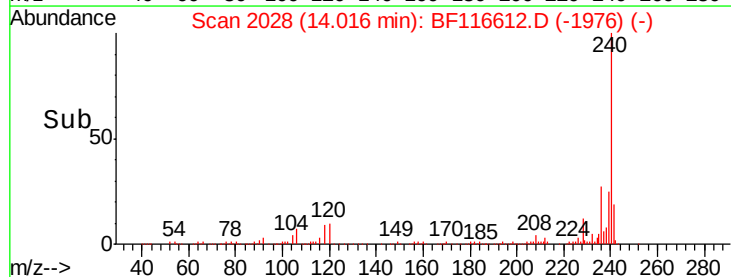
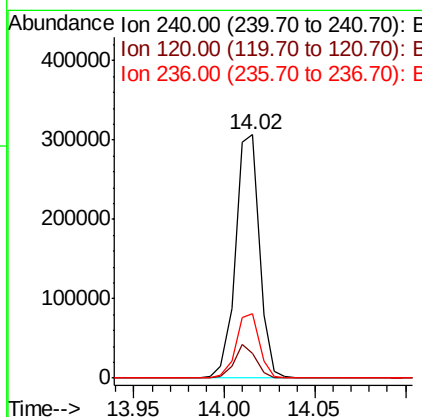
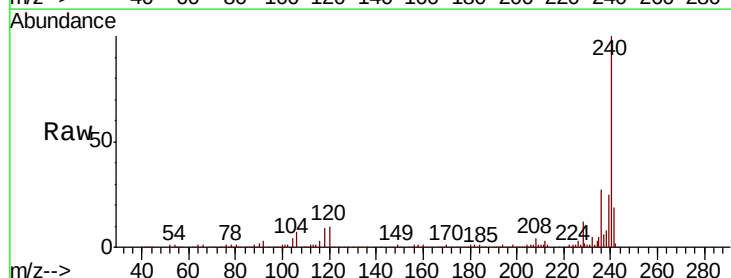
Instrument :
BNA_F
ClientSampleId :
ICVBF082819

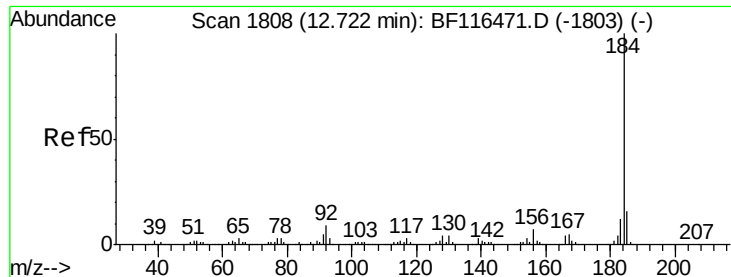
Tot Ion:202 Resp: 1049530
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.8
203 17.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:240 Resp: 282328
Ion Ratio Lower Upper
240 100
120 9.9 11.3 16.9#
236 26.5 21.4 32.2





#77

Benzidine

Concen: 40.773 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

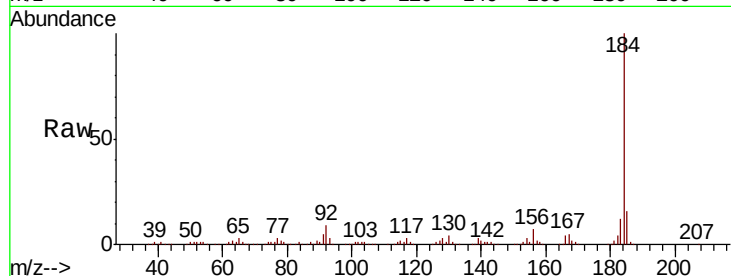
Tot Ion:184 Resp: 416428

Ion Ratio Lower Upper

184 100

185 16.1 11.5 17.3

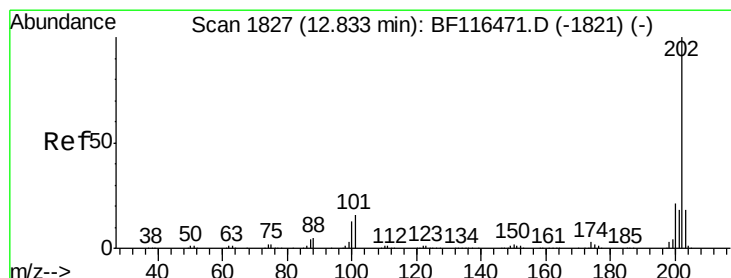
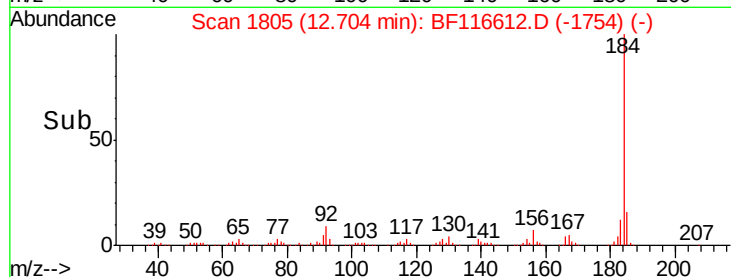
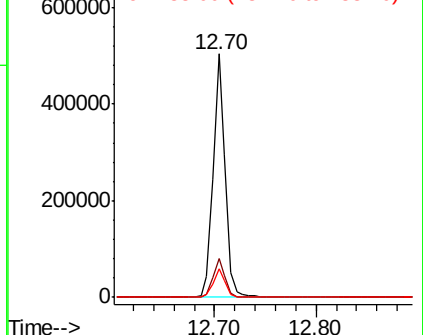
183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.157 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

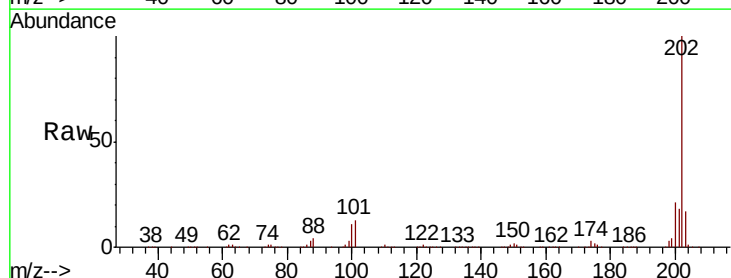
Tgt Ion:202 Resp: 1068483

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.0

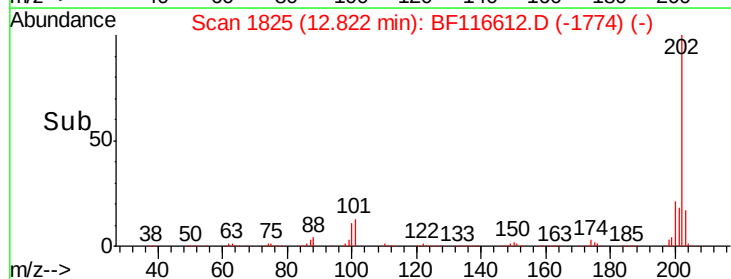
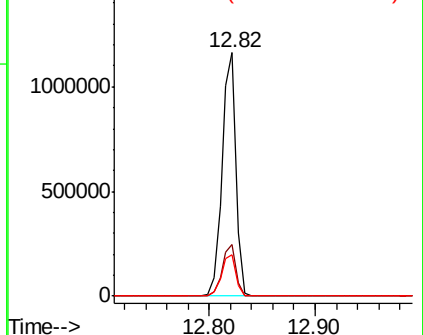
203 17.2 14.2 21.4

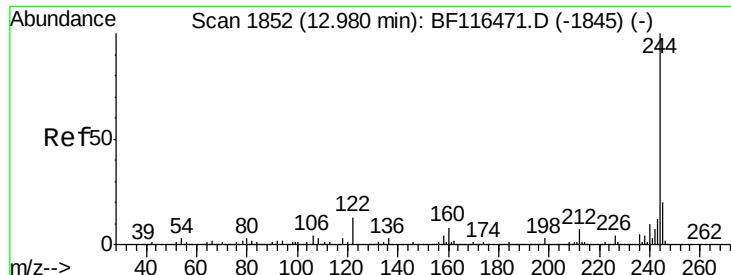


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.119 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

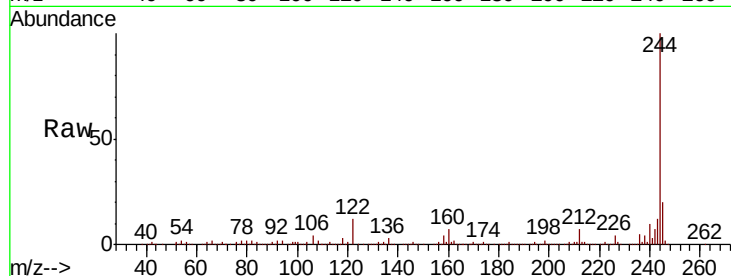
Tot Ion:244 Resp: 1356110

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

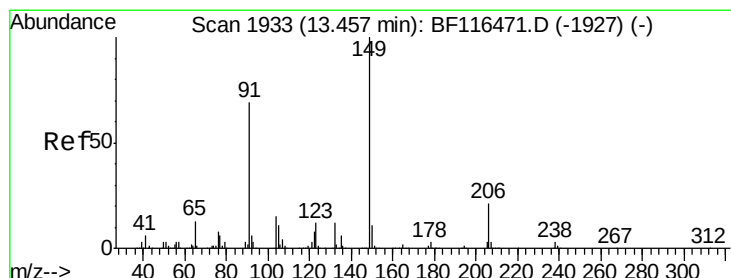
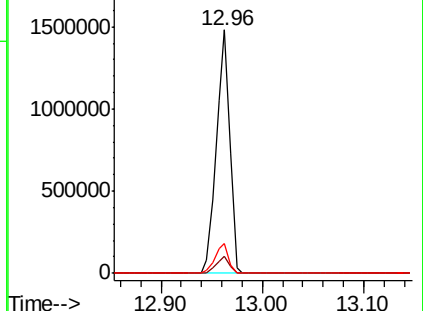
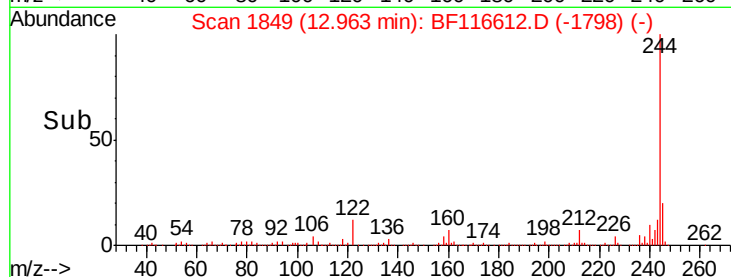
122 12.5 10.0 15.0



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: 37.869 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

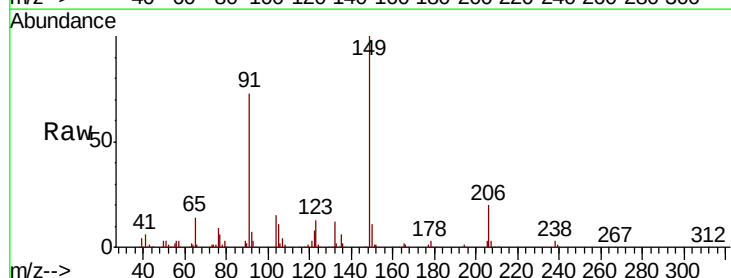
Tgt Ion:149 Resp: 380906

Ion Ratio Lower Upper

149 100

91 73.3 57.9 86.9

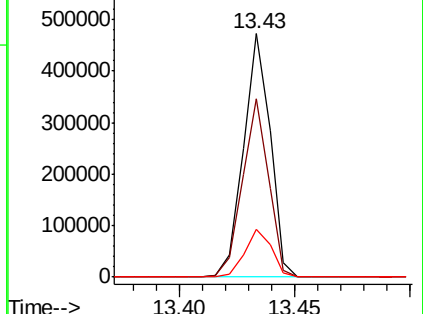
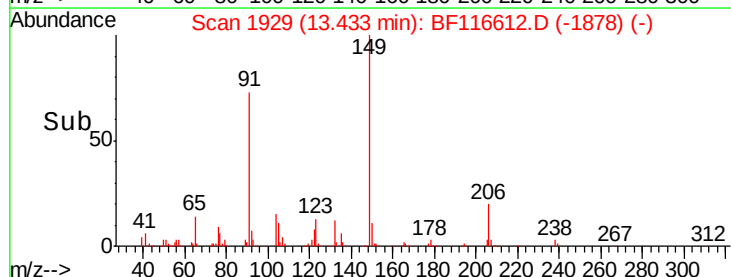
206 19.7 16.2 24.4

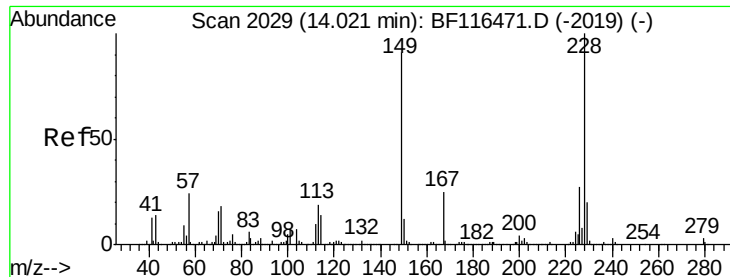


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.397 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

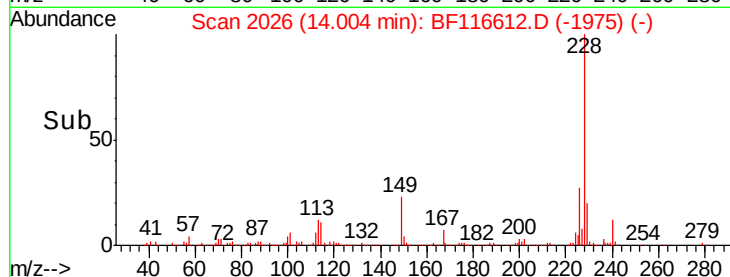
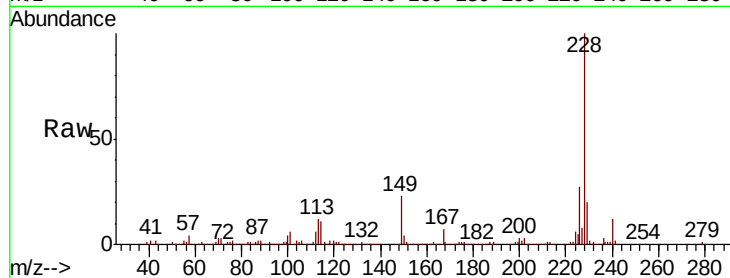
Tot Ion:228 Resp: 760391

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.5	32.3
229	20.0	15.4	23.0

228 100

226 26.9 21.5 32.3

229 20.0 15.4 23.0

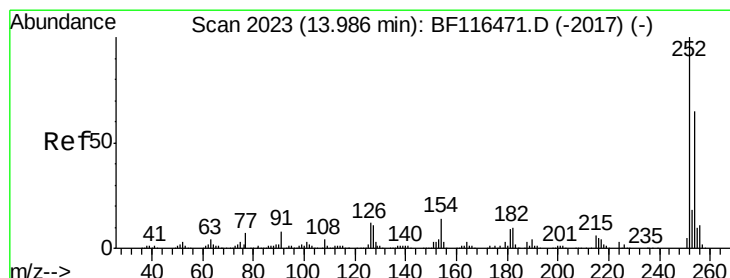
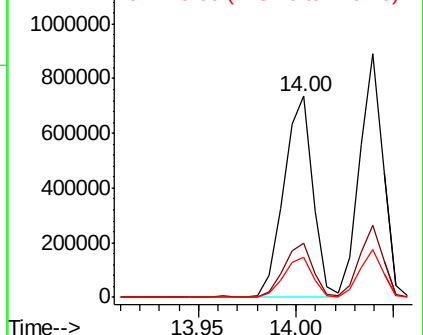


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.270 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

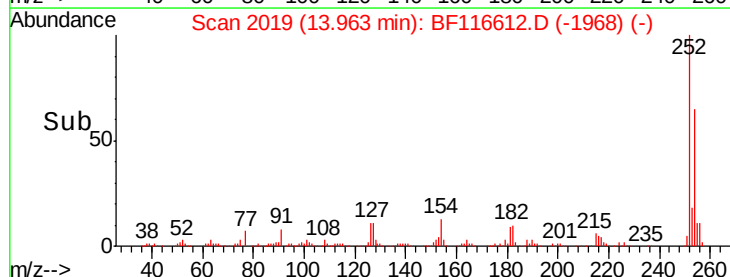
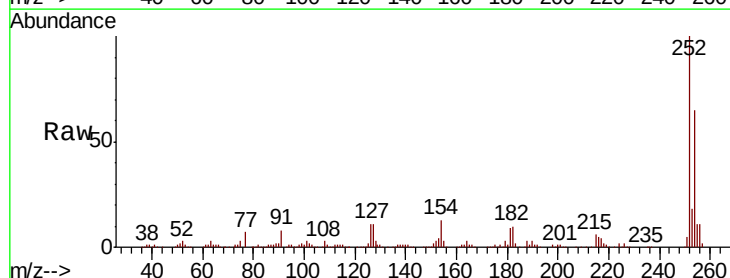
Tgt Ion:252 Resp: 252785

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	10.9	8.7	13.1

252 100

254 64.7 51.9 77.9

126 10.9 8.7 13.1

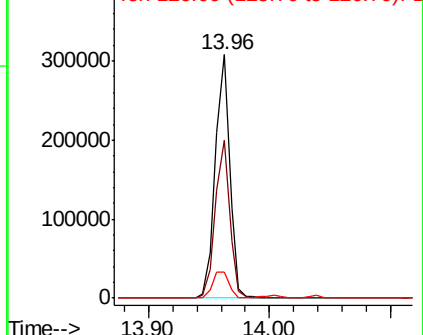


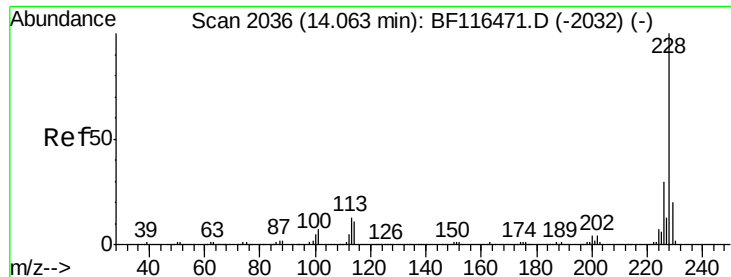
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

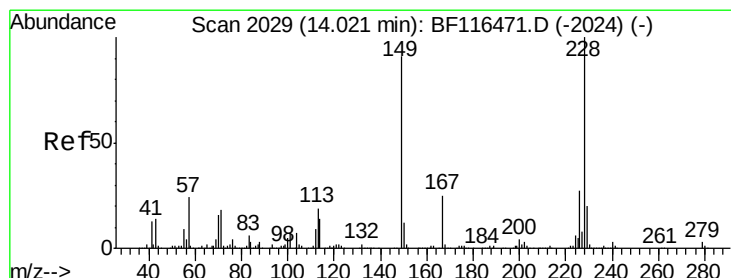
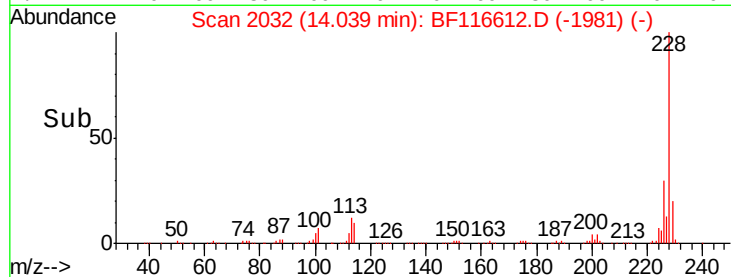
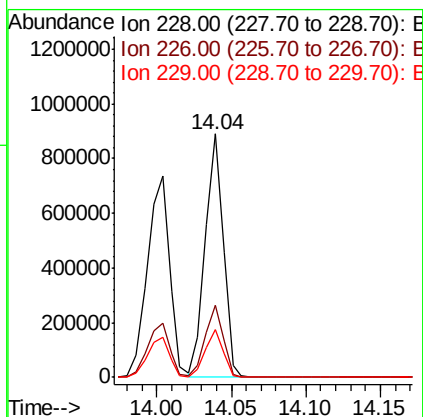
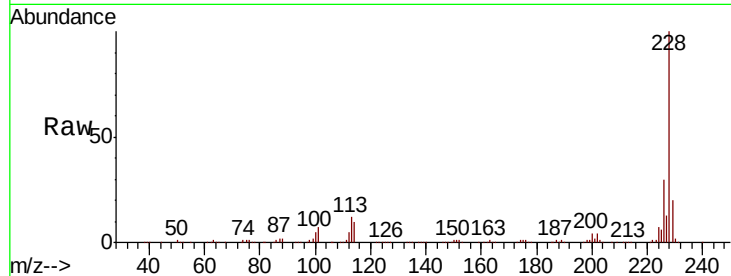




#83
 Chrysene
 Concen: 40.324 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

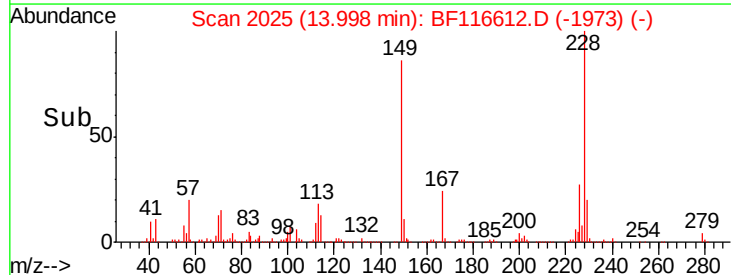
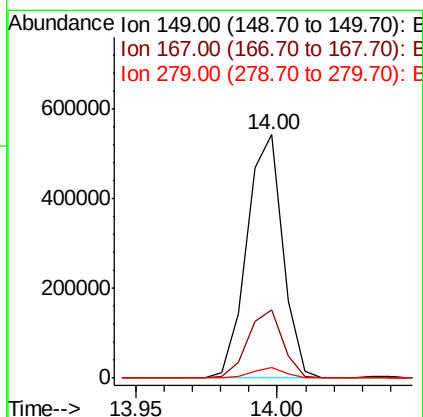
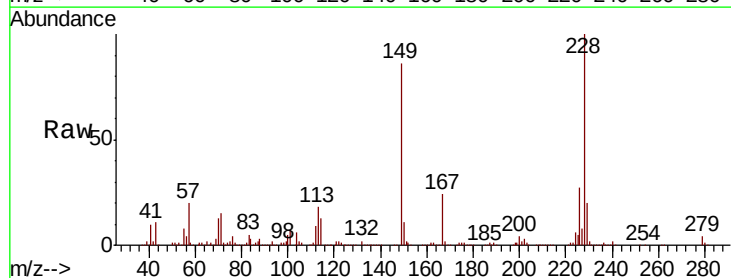
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082819

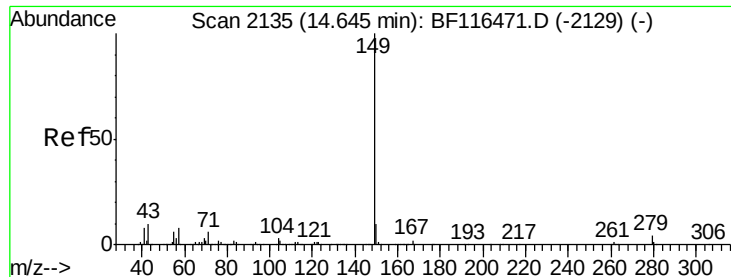
Tot Ion:228 Resp: 743056
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.0 36.0
 229 19.5 15.8 23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.513 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 13:26

Tgt Ion:149 Resp: 477873
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.2 31.8
 279 4.3 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 39.253 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

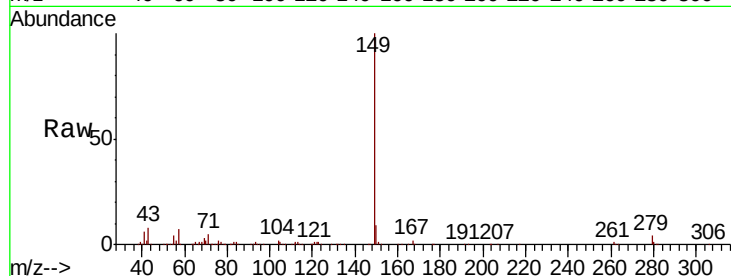
Tot Ion:149 Resp: 675327

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

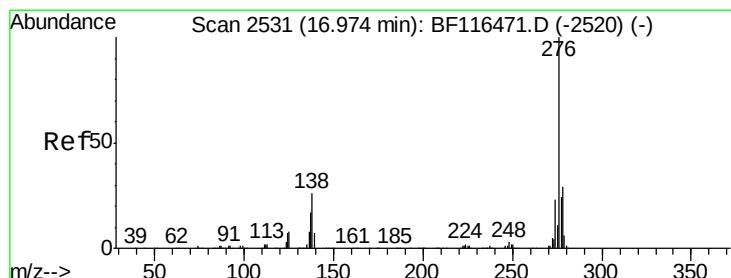
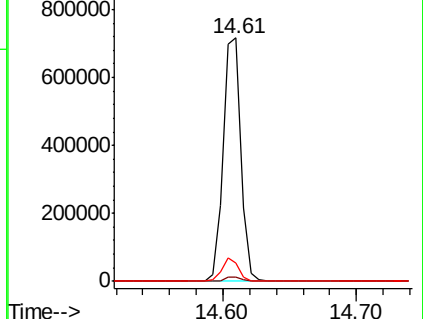
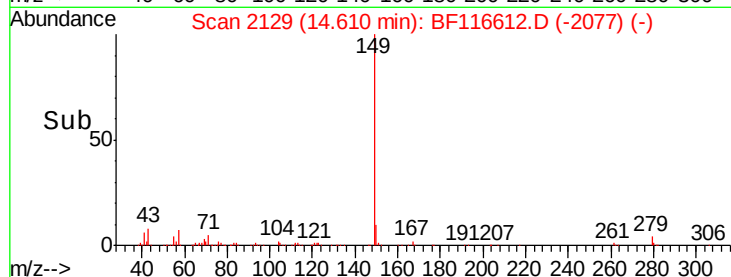
43 9.0 7.4 11.0



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: 41.833 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

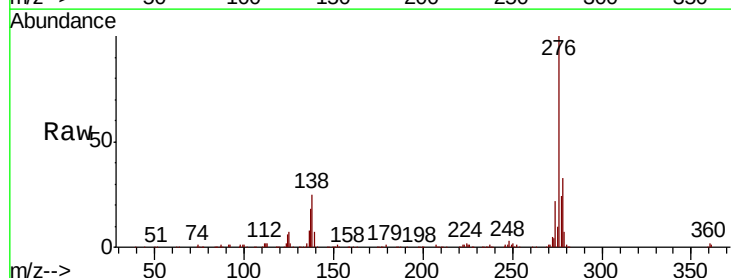
Tgt Ion:276 Resp: 655817

Ion Ratio Lower Upper

276 100

138 27.8 21.5 32.3

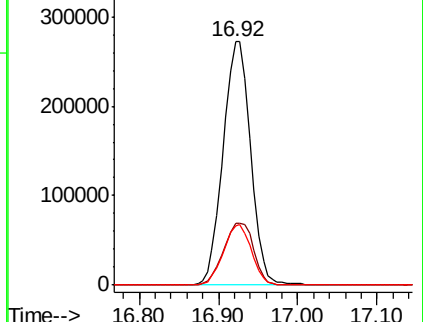
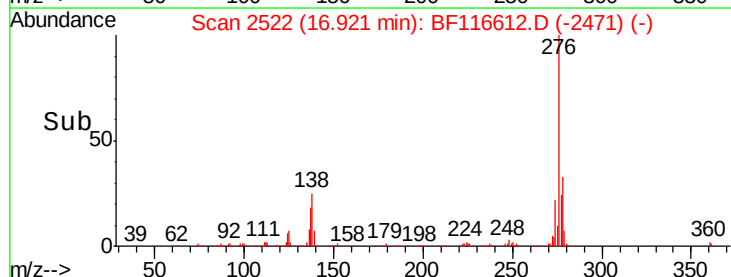
277 25.1 20.0 30.0

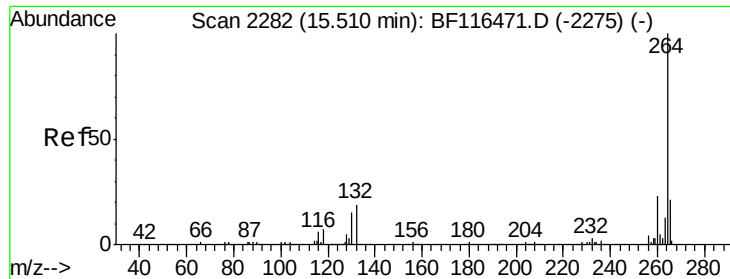


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

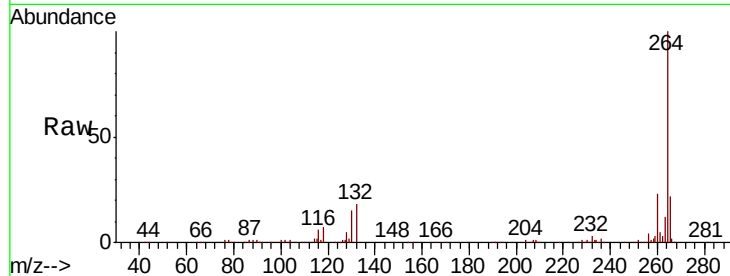
Tot Ion:264 Resp: 248792

Ion Ratio Lower Upper

264 100

260 23.4 20.0 30.0

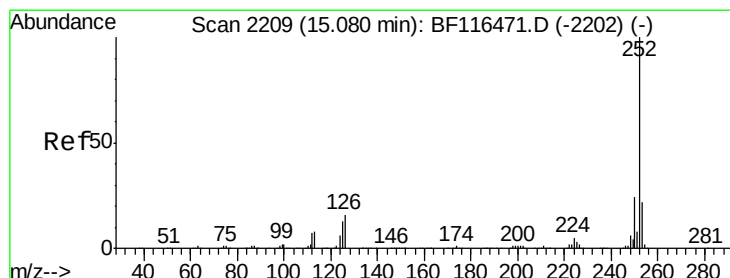
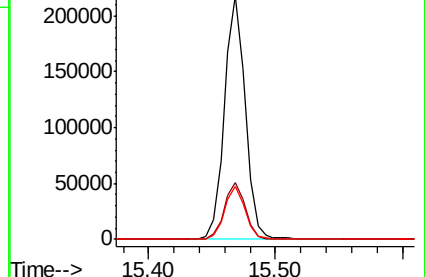
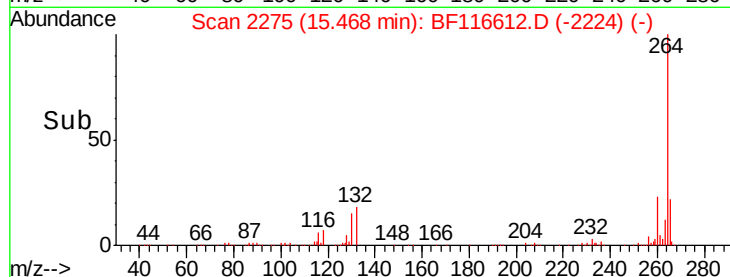
265 21.6 17.6 26.4



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: 40.347 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

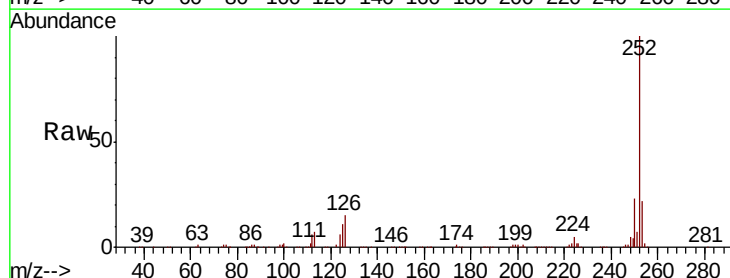
Tgt Ion:252 Resp: 616434

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

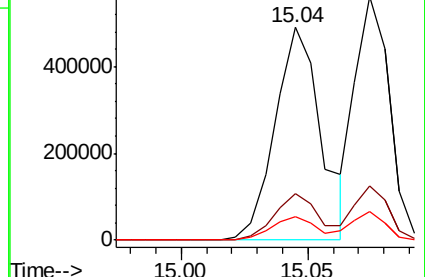
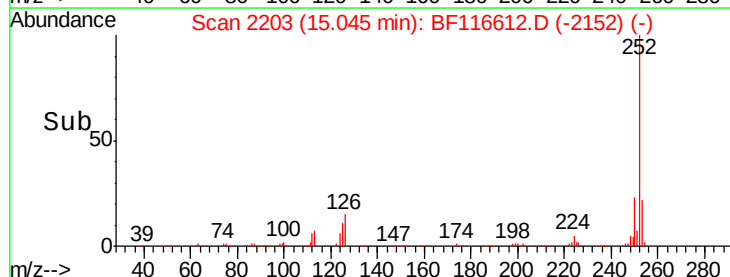
125 11.3 9.0 13.6

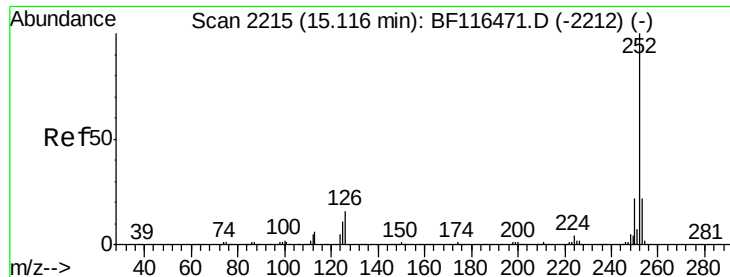


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

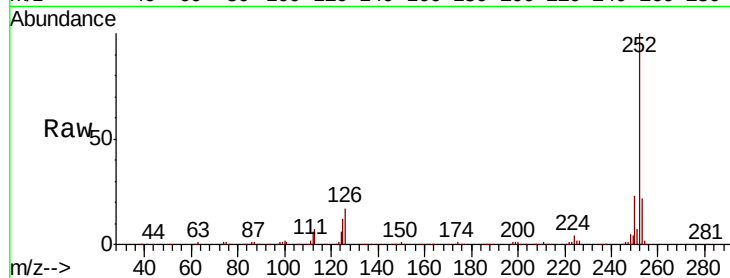




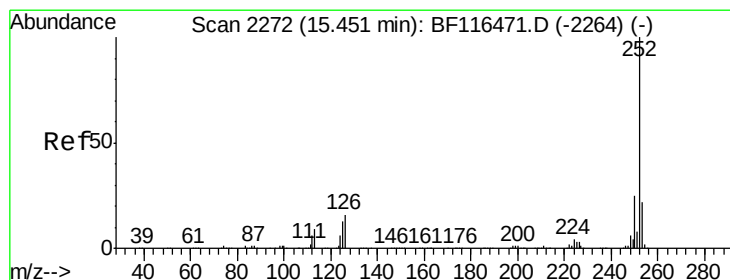
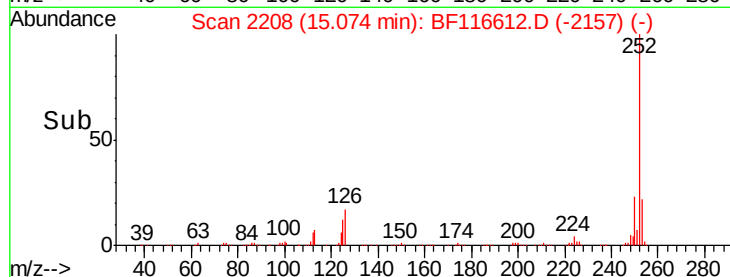
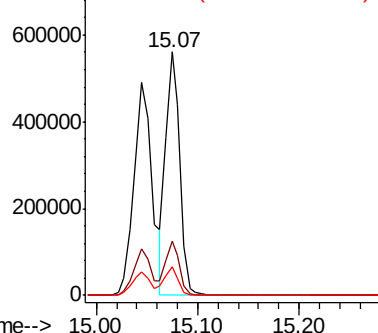
#89
Benzo(k)fluoranthene
Concen: 36.967 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Instrument :
BNA_F
ClientSampleId :
ICVBF082819

Tot Ion:252 Resp: 536863
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.7 8.6 13.0

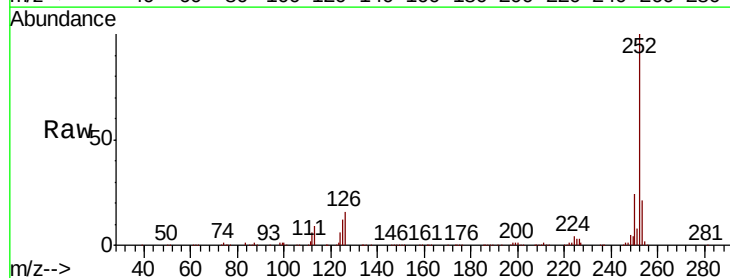


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

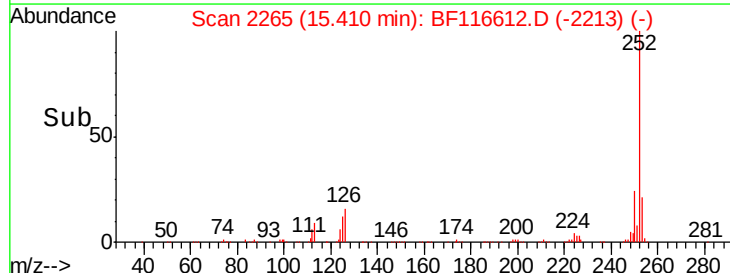
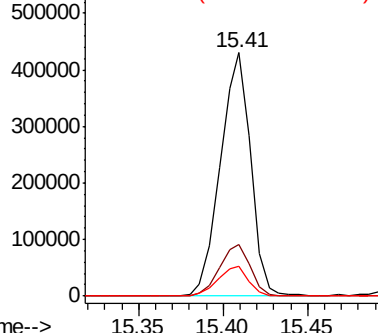


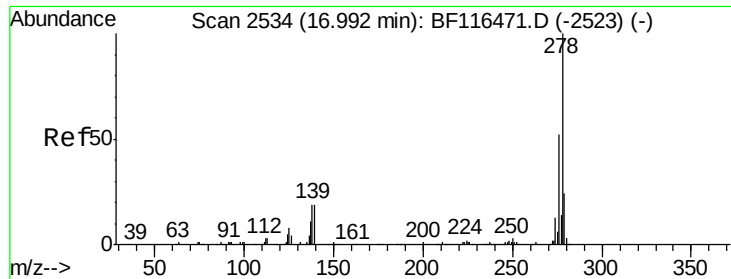
#90
Benzo(a)pyrene
Concen: 39.449 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 13:26

Tgt Ion:252 Resp: 537912
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 12.3 10.6 16.0



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: 42.391 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

Instrument :

BNA_F

ClientSampleId :

ICVBF082819

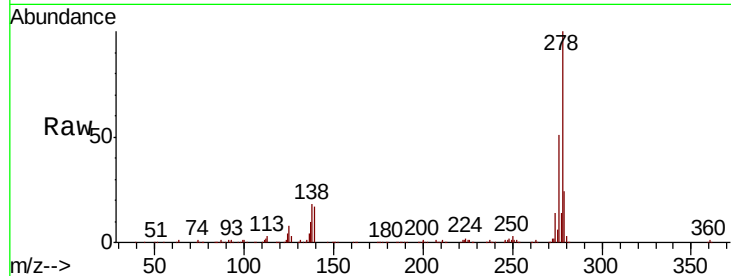
Tot Ion:278 Resp: 539350

Ion Ratio Lower Upper

278 100

139 17.5 14.1 21.1

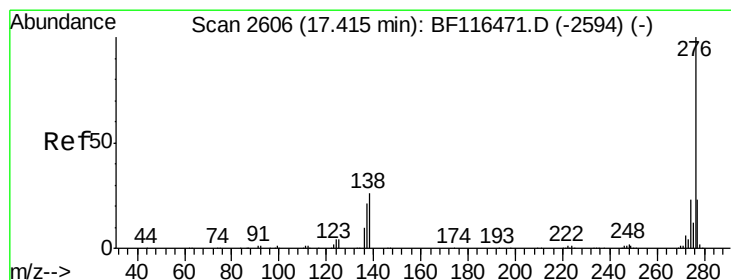
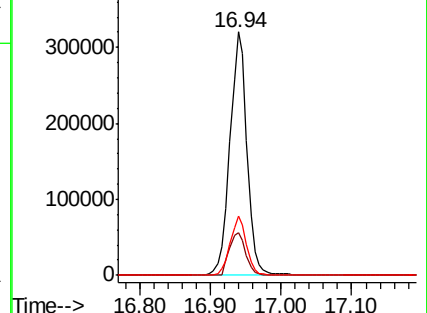
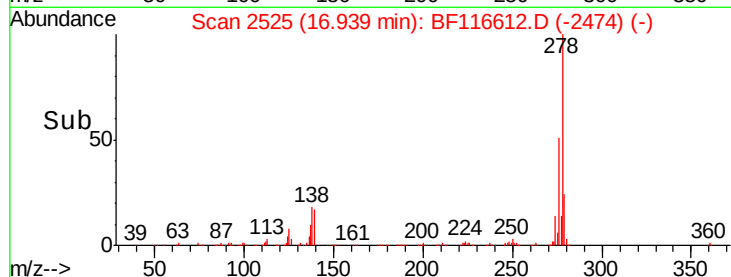
279 24.3 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.589 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 13:26

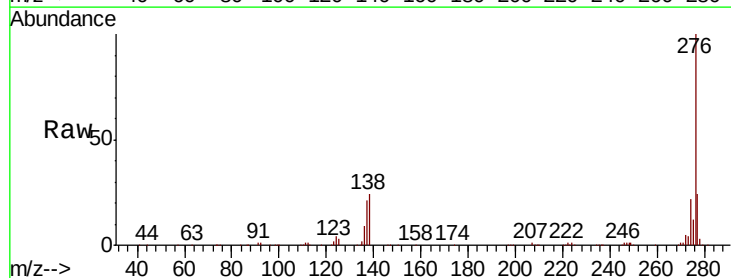
Tgt Ion:276 Resp: 536986

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 23.7 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

