

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115391.D
 Acq On : 5 Jul 2019 13:15
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Quant Time: Jul 05 14:18:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 13:27:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	191250	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	812136	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	405509	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	764404	20.00	ng	0.00
76) Chrysene-d12	14.06	240	576725	20.00	ng	-0.01
87) Perylene-d12	15.54	264	645990	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	950083	76.75	ng	0.00
7) Phenol-d6	6.52	99	1230999	78.19	ng	0.00
23) Nitrobenzene-d5	7.46	82	1120376	81.51	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	352790	78.68	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1910698	82.68	ng	0.00
79) Terphenyl-d14	13.00	244	2100001	74.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	231529	38.133	ng	100
3) Pyridine	3.46	79	640568	38.154	ng	98
4) n-Nitrosodimethylamine	3.41	42	262600	38.572	ng	94
6) Aniline	6.56	93	873412	39.315	ng	99
8) 2-Chlorophenol	6.69	128	552801	39.550	ng	94
9) Benzaldehyde	6.45	77	362947	40.010	ng	98
10) Phenol	6.53	94	687802	36.516	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	546984	39.145	ng	99
12) 1,3-Dichlorobenzene	6.84	146	596192	38.933	ng	99
13) 1,4-Dichlorobenzene	6.92	146	596285	38.875	ng	99
14) 1,2-Dichlorobenzene	7.07	146	560210	39.448	ng	99
15) Benzyl Alcohol	7.03	79	508796	40.276	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	770802	39.451	ng	99
17) 2-Methylphenol	7.15	107	471485	39.375	ng	98
18) Hexachloroethane	7.42	117	226389	39.620	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	415662	39.027	ng	99
20) 3+4-Methylphenols	7.30	107	563255	39.822	ng	99
22) Acetophenone	7.30	105	757574	38.929	ng	98
24) Nitrobenzene	7.48	77	618971	39.873	ng	92
25) Isophorone	7.72	82	1142529	38.348	ng	99
26) 2-Nitrophenol	7.79	139	278967	43.711	ng	100
27) 2,4-Dimethylphenol	7.83	122	477889	39.269	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	715031	38.919	ng	99
29) 2,4-Dichlorophenol	8.03	162	473689	39.080	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	524037	38.835	ng	100
31) Naphthalene	8.20	128	1566594	38.836	ng	99
32) Benzoic acid	7.95	122	364592	41.990	ng	96
33) 4-Chloroaniline	8.25	127	688709	38.265	ng	99
34) Hexachlorobutadiene	8.33	225	299259	39.106	ng	99
35) Caprolactam	8.62	113	154023	39.015	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	502024	39.156	ng	98
37) 2-Methylnaphthalene	8.89	142	1048668	38.893	ng	100
38) 1-Methylnaphthalene	8.99	142	1007365	39.158	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	460373	39.463	ng	99

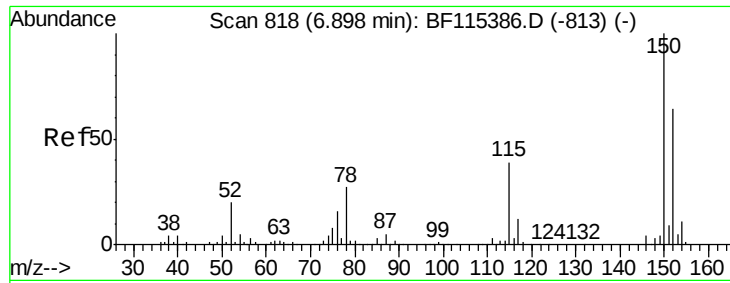
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	274275	40.564	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	334794	39.420	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	352534	40.030	ng	99
46) 1,1'-Biphenyl	9.36	154	1264304	39.659	ng	99
47) 2-Chloronaphthalene	9.38	162	1039163	39.441	ng	99
48) 2-Nitroaniline	9.47	65	327544	42.313	ng	98
49) Acenaphthylene	9.80	152	1556915	39.029	ng	100
50) Dimethylphthalate	9.66	163	1191297	39.141	ng	99
51) 2,6-Dinitrotoluene	9.72	165	268245	40.637	ng	87
52) Acenaphthene	9.97	154	990491	39.453	ng	99
53) 3-Nitroaniline	9.88	138	314856	41.068	ng	99
54) 2,4-Dinitrophenol	9.98	184	102762	41.390	ng	# 78
55) Dibenzofuran	10.14	168	1372468	38.808	ng	100
56) 4-Nitrophenol	10.03	139	248486	41.892	ng	99
57) 2,4-Dinitrotoluene	10.12	165	350204	41.746	ng	99
58) Fluorene	10.49	166	1011425	36.280	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	302028	39.700	ng	98
60) Diethylphthalate	10.36	149	1173398	39.168	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	514051	37.779	ng	98
62) 4-Nitroaniline	10.50	138	302791	40.236	ng	99
63) Azobenzene	10.63	77	1210932	39.212	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	151706	42.517	ng	96
66) n-Nitrosodiphenylamine	10.59	169	964754	40.056	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	342990	39.989	ng	97
68) Hexachlorobenzene	11.03	284	379528	39.433	ng	96
69) Atrazine	11.12	200	307437	41.246	ng	99
70) Pentachlorophenol	11.22	266	241982	41.255	ng	99
71) Phenanthrene	11.45	178	1581180	39.331	ng	100
72) Anthracene	11.50	178	1592013	39.491	ng	100
73) Carbazole	11.64	167	1443198	39.132	ng	100
74) Di-n-butylphthalate	11.98	149	1770232	39.716	ng	100
75) Fluoranthene	12.63	202	1673173	39.528	ng	100
77) Benzidine	12.74	184	836551	37.196	ng	97
78) Pyrene	12.86	202	1716668	38.277	ng	99
80) Butylbenzylphthalate	13.47	149	784710	40.046	ng	98
81) Benzo(a)anthracene	14.04	228	1432293	38.760	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	543903	40.564	ng	99
83) Chrysene	14.09	228	1482670	39.050	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	958728	39.507	ng	100
85) Di-n-octyl phthalate	14.67	149	1795394	41.559	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	1599147	52.393	ng	# 100
88) Benzo(b)fluoranthene	15.11	252	1586782	37.727	ng	100
89) Benzo(k)fluoranthene	15.14	252	1356900	36.276	ng	99
90) Benzo(a)pyrene	15.48	252	1390863	38.340	ng	100
91) Dibenzo(a,h)anthracene	17.04	278	1317105	42.488	ng	99
92) Benzo(g,h,i)perylene	17.48	276	1250162	42.607	ng	99

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

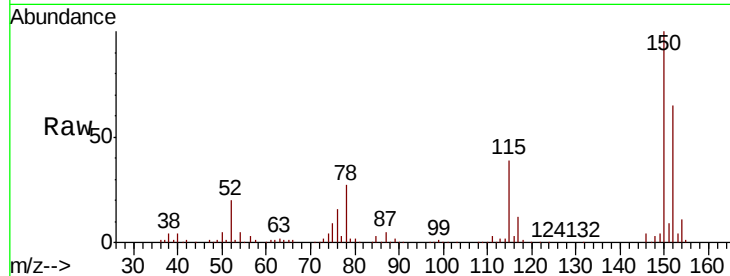


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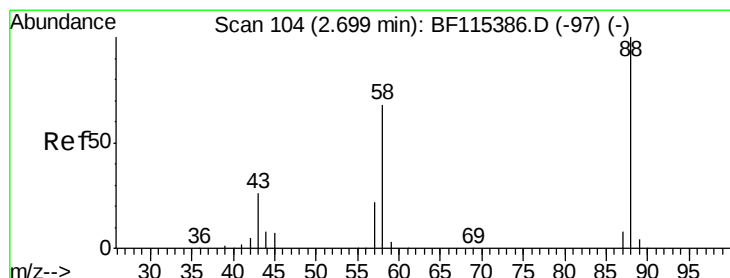
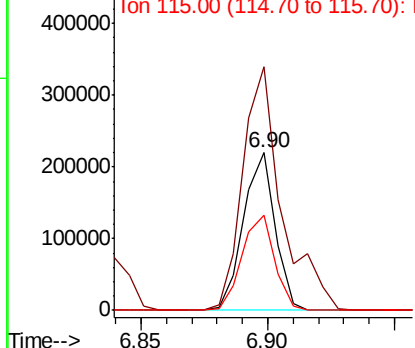
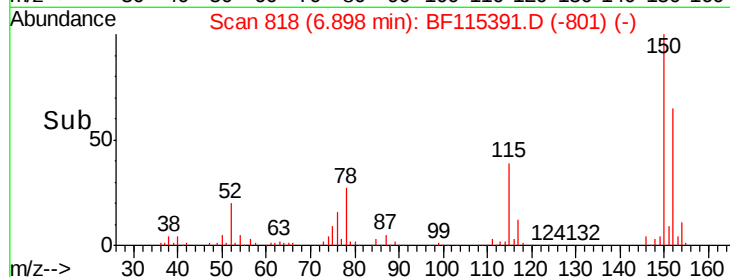
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:152 Resp: 191250
Ion Ratio Lower Upper
152 100
150 154.4 124.7 187.1
115 60.4 48.1 72.1



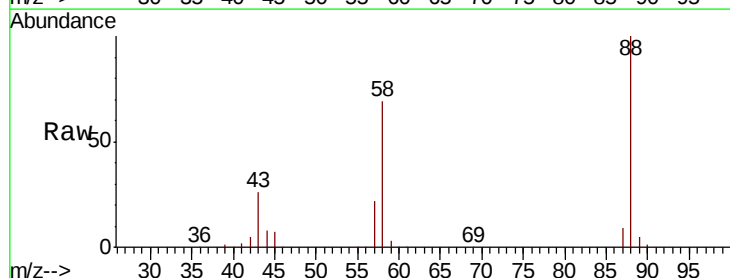
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



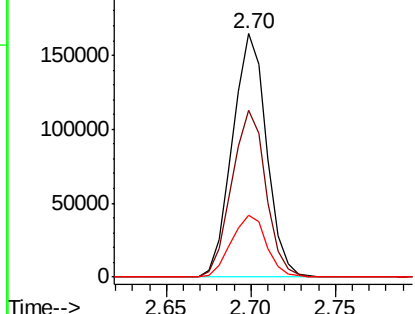
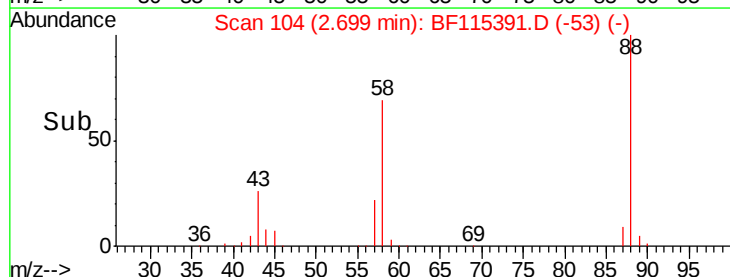
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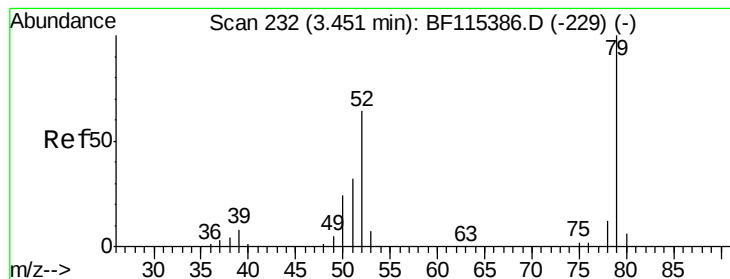
1,4-Dioxane
Concen: 38.133 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion: 88 Resp: 231529
Ion Ratio Lower Upper
88 100
58 68.5 54.6 82.0
43 26.2 21.4 32.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.154 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.01 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

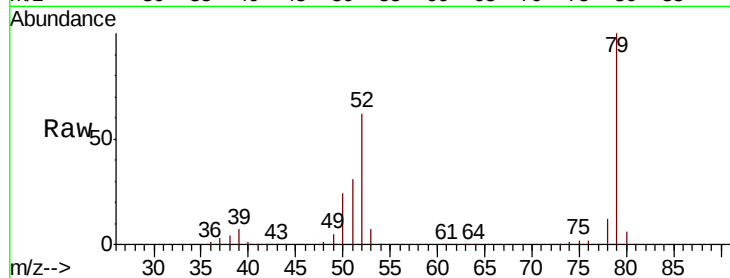
Tot Ion: 79 Resp: 640568

Ion Ratio Lower Upper

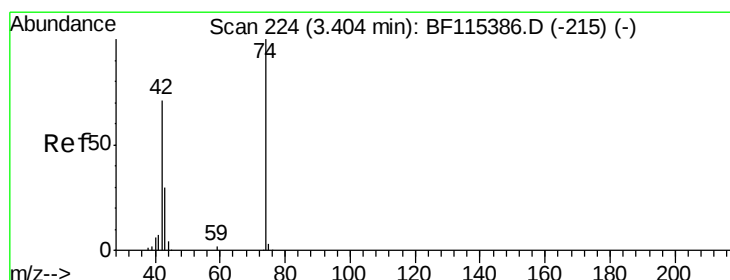
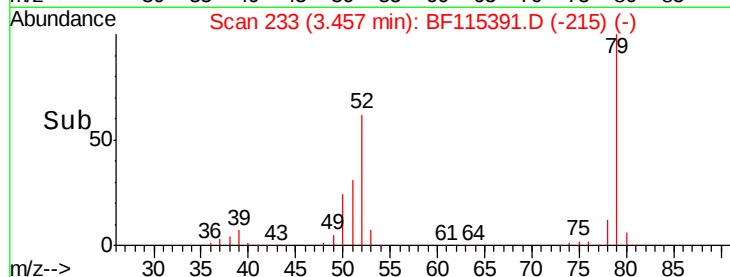
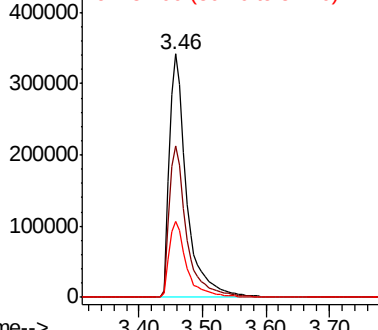
79 100

52 62.0 50.9 76.3

51 31.1 25.8 38.6



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: 38.572 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.01 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

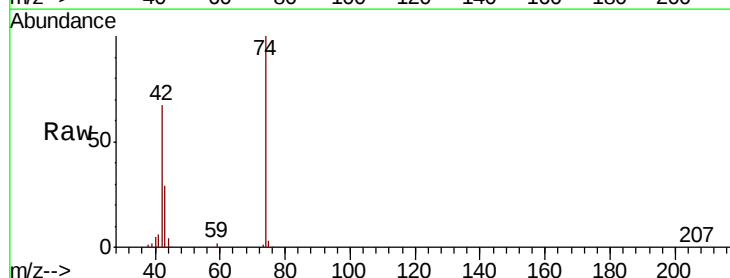
Tgt Ion: 42 Resp: 262600

Ion Ratio Lower Upper

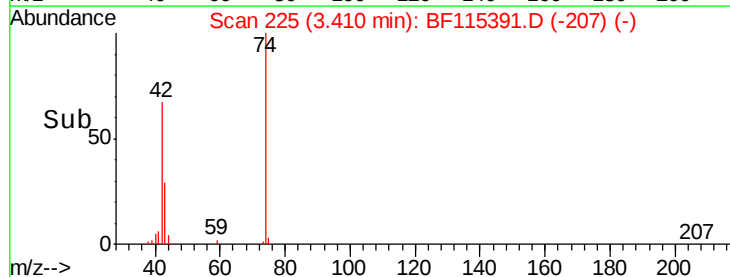
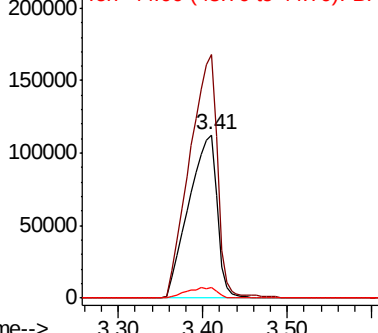
42 100

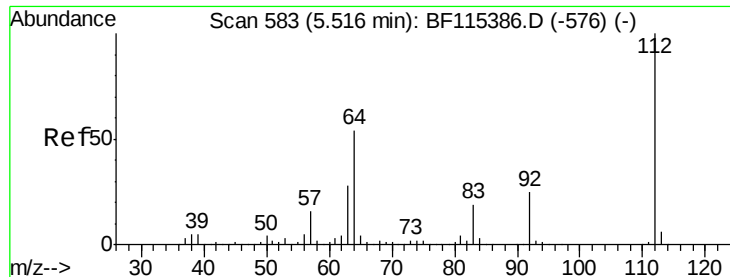
74 148.9 112.8 169.2

44 6.2 5.4 8.0



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

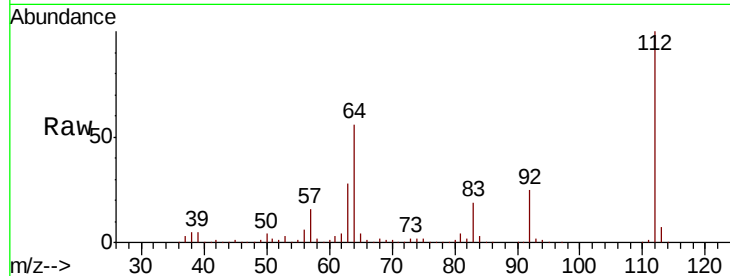




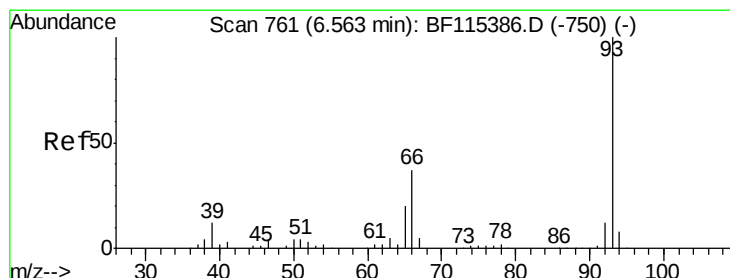
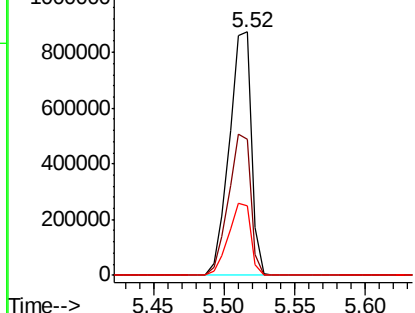
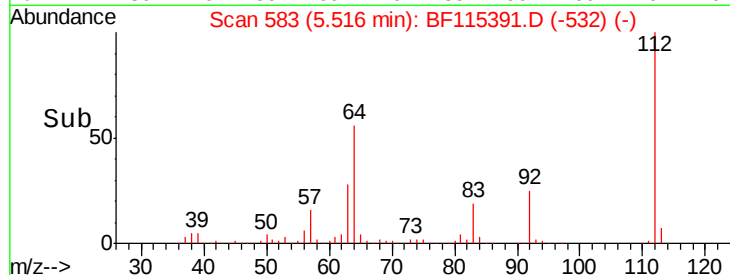
#5
 2-Fluorophenol
 Concen: 76.753 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Tot Ion:112 Resp: 950083
 Ion Ratio Lower Upper
 112 100
 64 55.7 43.0 64.6
 63 28.4 22.2 33.2

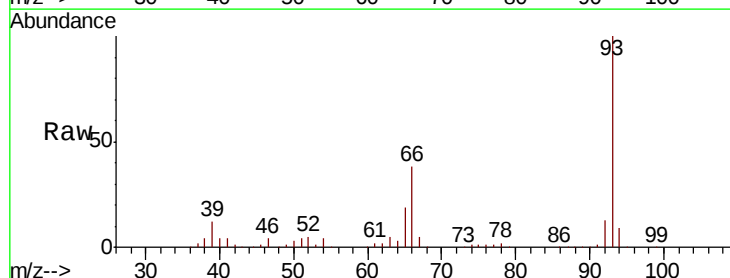


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

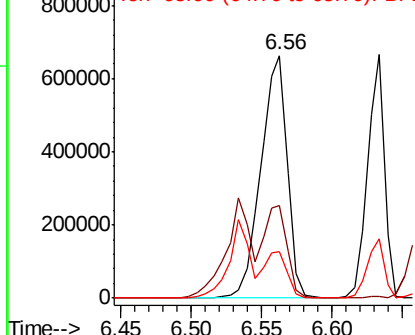
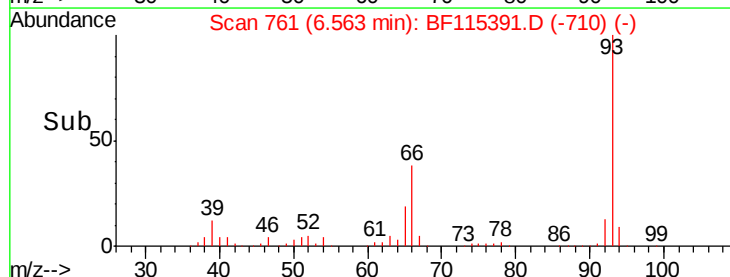


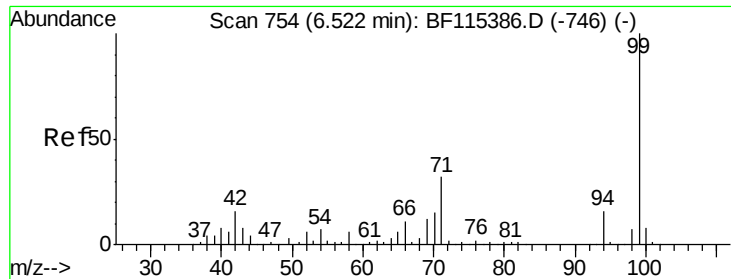
#6
 Aniline
 Concen: 39.315 ng
 RT: 6.56 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

Tgt Ion: 93 Resp: 873412
 Ion Ratio Lower Upper
 93 100
 66 38.2 30.8 46.2
 65 19.4 16.0 24.0



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: 78.195 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

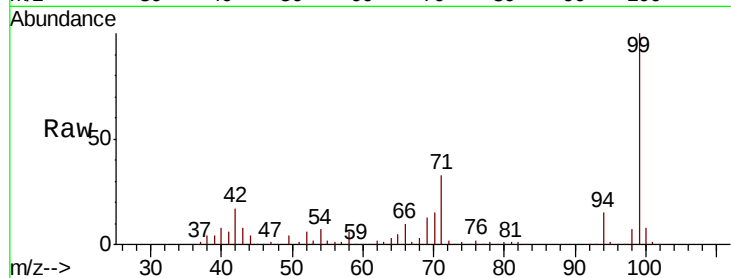
Tot Ion: 99 Resp: 1230999

Ion Ratio Lower Upper

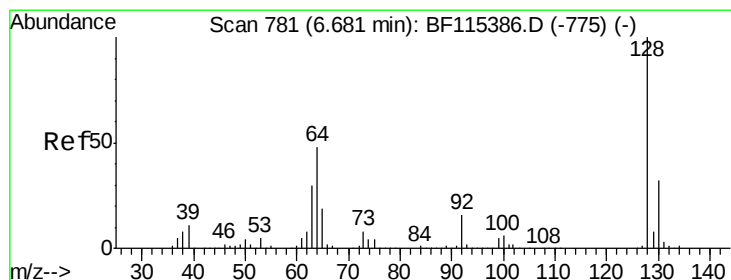
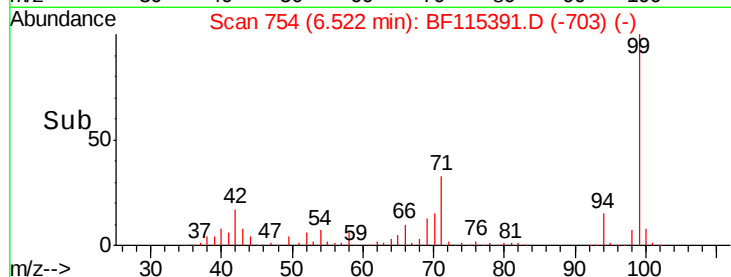
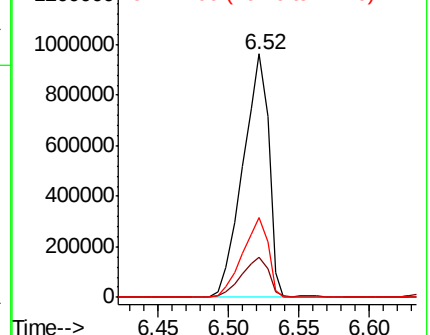
99 100

42 16.5 13.1 19.7

71 32.6 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.550 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

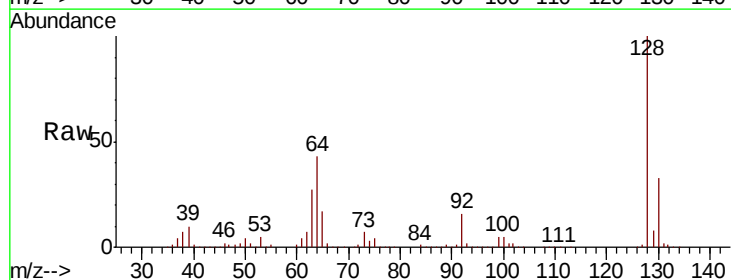
Tgt Ion: 128 Resp: 552801

Ion Ratio Lower Upper

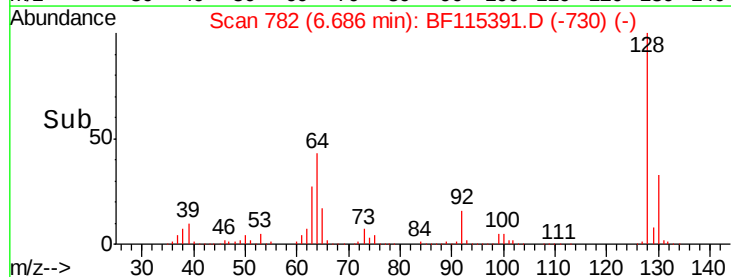
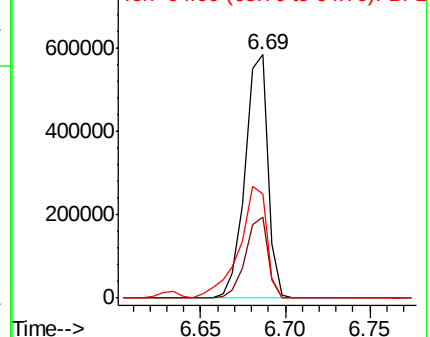
128 100

130 33.5 12.4 52.4

64 42.8 28.8 68.8



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: 40.010 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

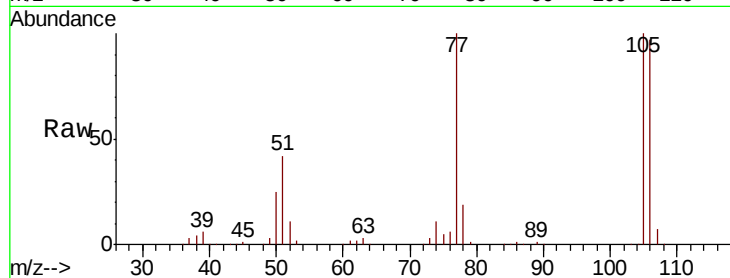
Tot Ion: 77 Resp: 362947

Ion Ratio Lower Upper

77 100

105 100.5 79.0 119.0

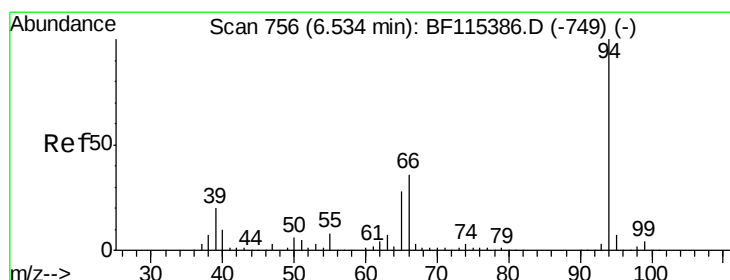
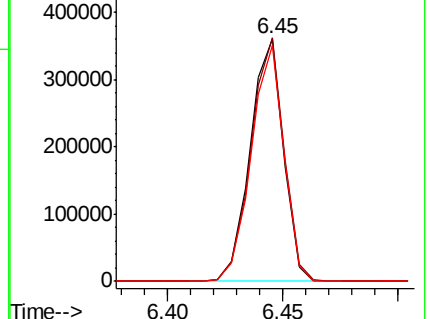
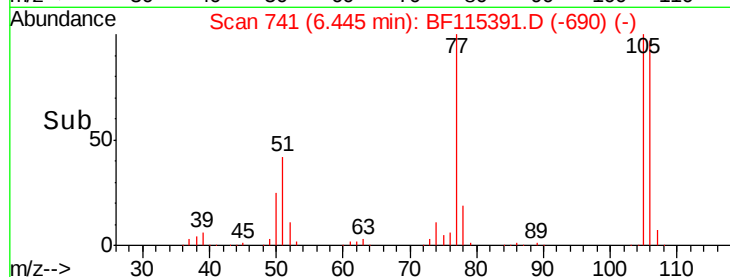
106 97.3 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.516 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

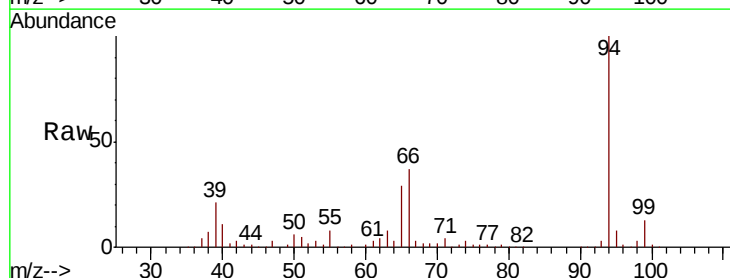
Tgt Ion: 94 Resp: 687802

Ion Ratio Lower Upper

94 100

65 28.6 8.0 48.0

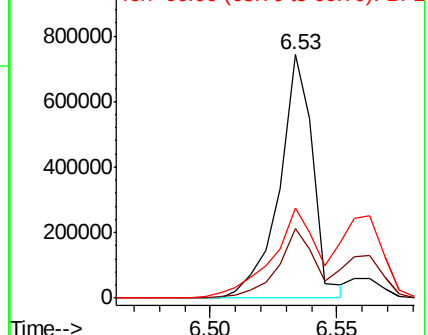
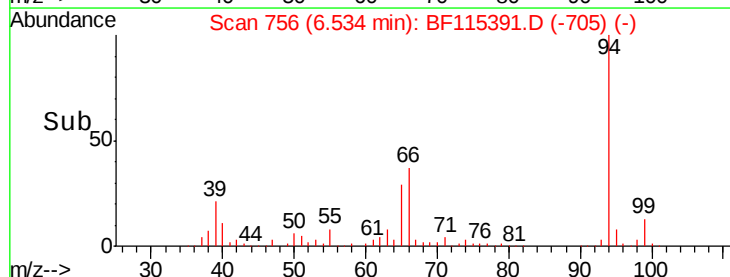
66 36.9 16.2 56.2

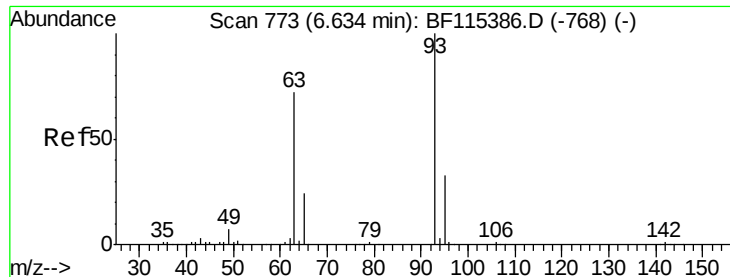


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.145 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

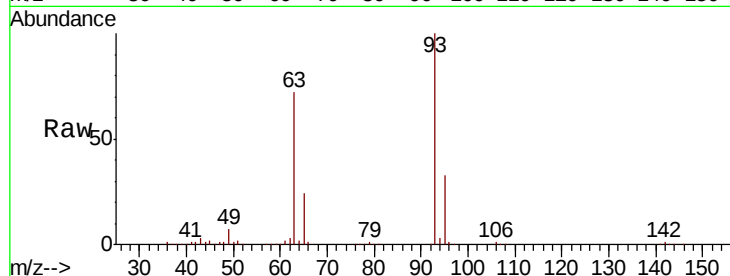
Tot Ion: 93 Resp: 546984

Ion Ratio Lower Upper

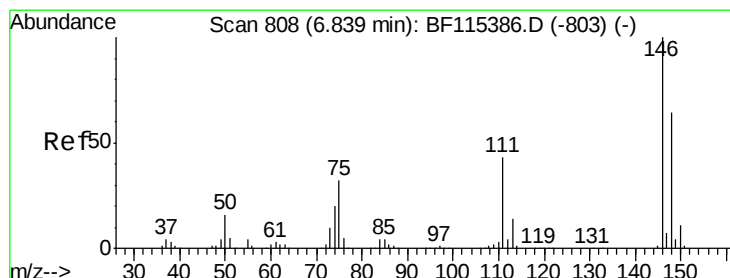
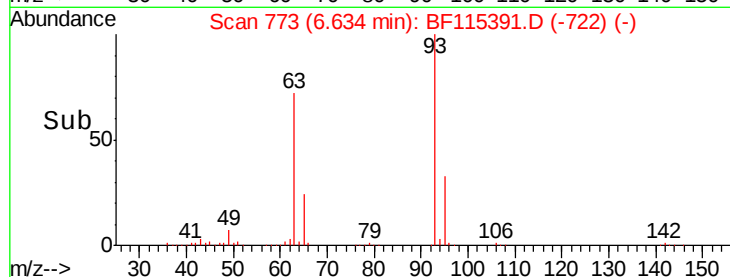
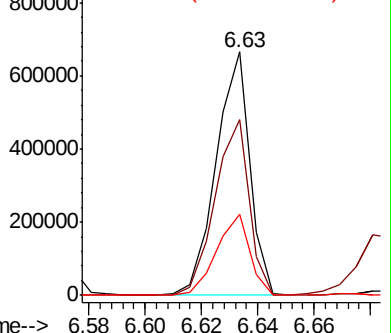
93 100

63 72.1 51.5 91.5

95 33.1 12.9 52.9



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: 38.933 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

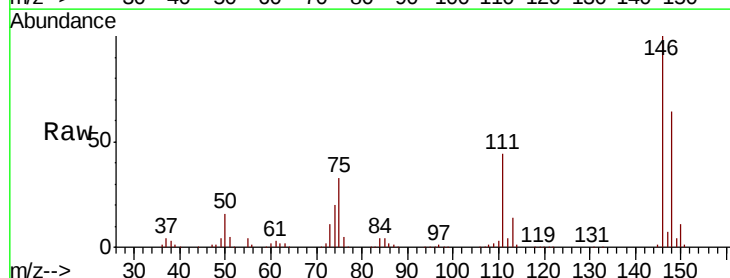
Tgt Ion: 146 Resp: 596192

Ion Ratio Lower Upper

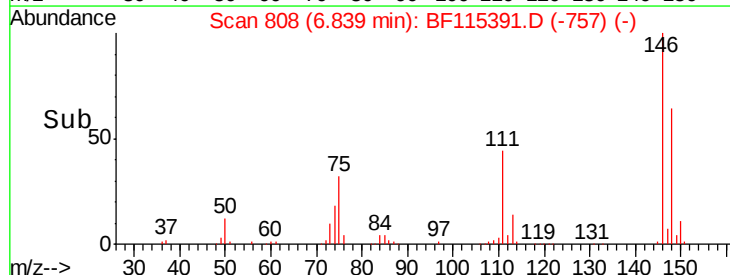
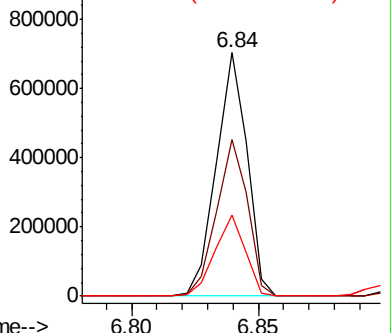
146 100

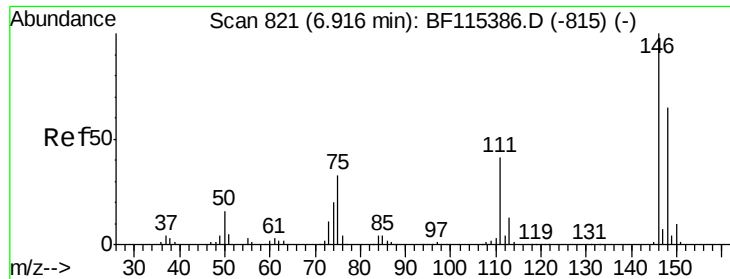
148 64.4 50.8 76.2

75 33.2 25.9 38.9



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

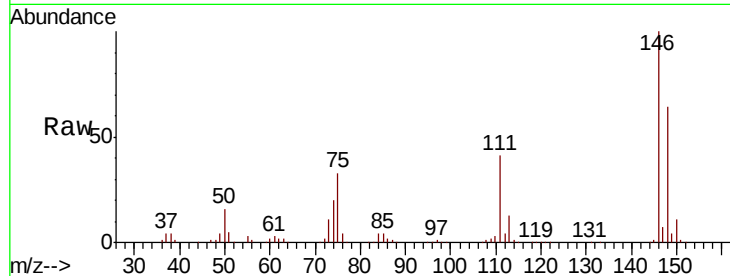




#13
 1,4-Dichlorobenzene
 Concen: 38.875 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	41.3	33.0	49.4

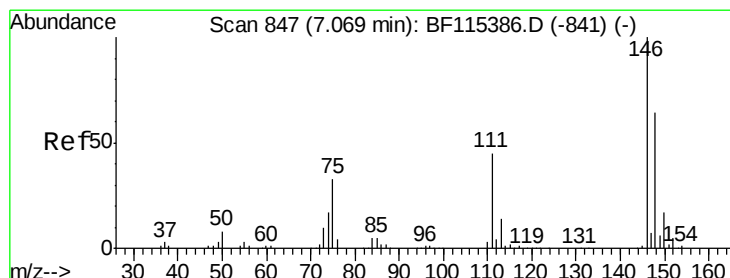
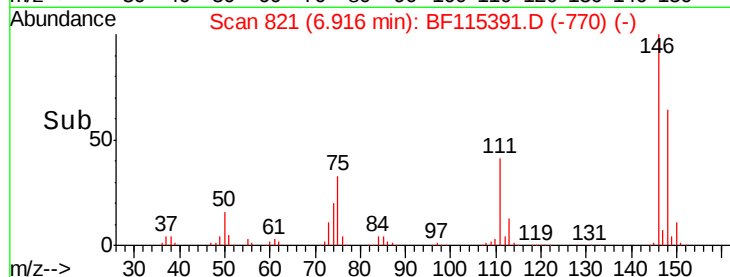
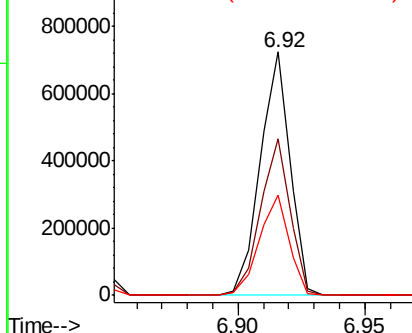


Abundance

Ion 146.00 (145.70 to 146.70): E

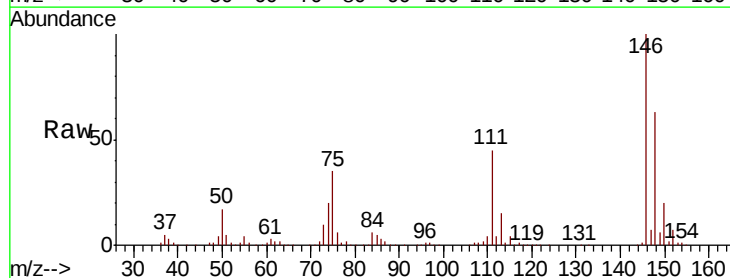
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.448 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
111	44.9	36.2	54.2

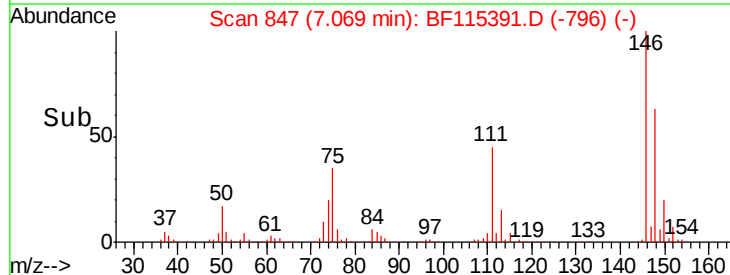
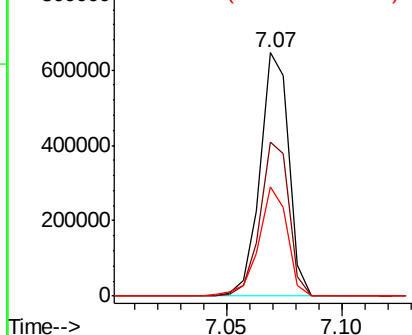


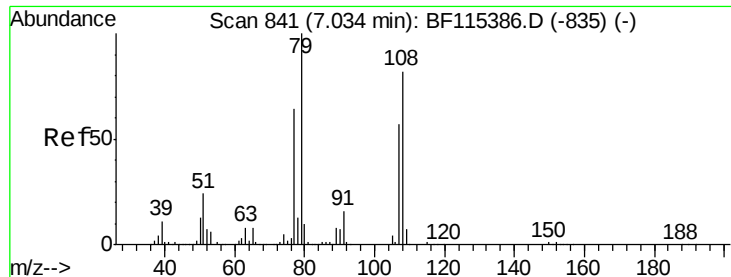
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.276 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

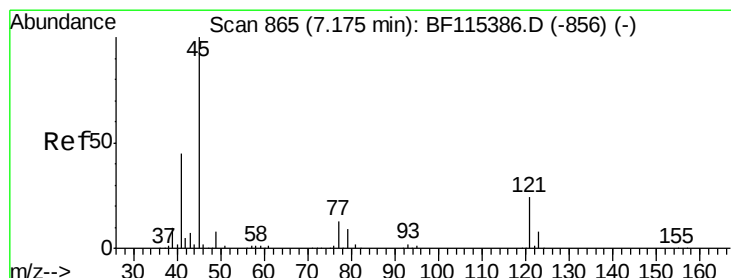
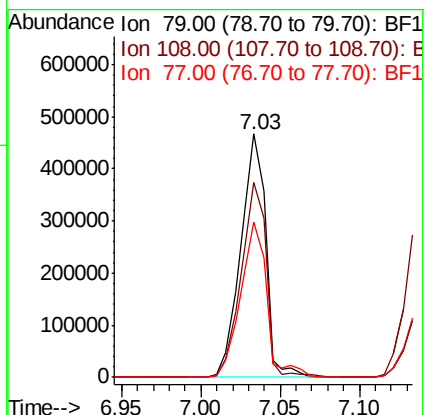
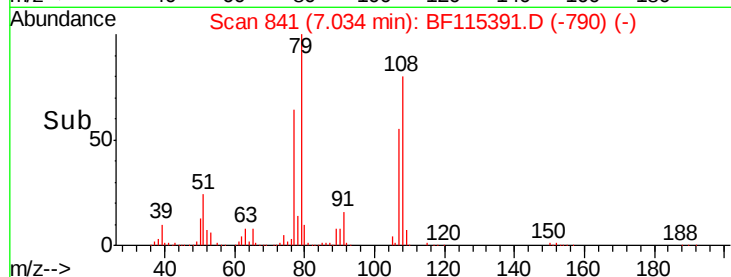
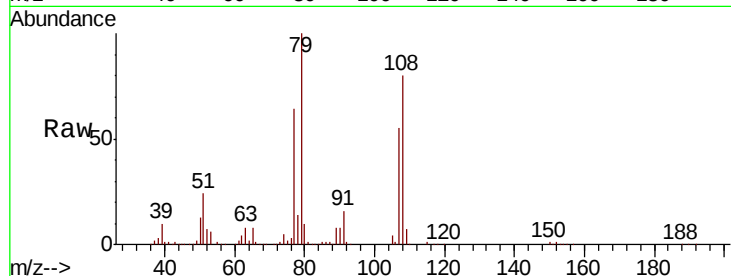
Tot Ion: 79 Resp: 508796

Ion Ratio Lower Upper

79 100

108 80.0 65.4 98.2

77 63.9 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.451 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

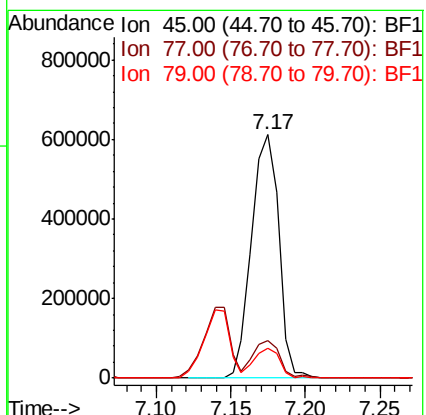
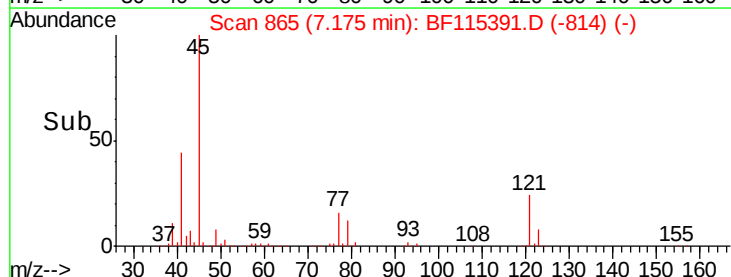
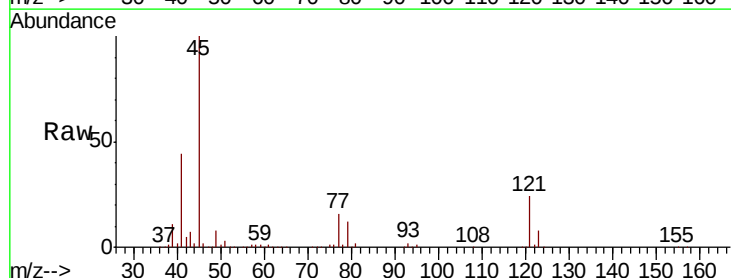
Tgt Ion: 45 Resp: 770802

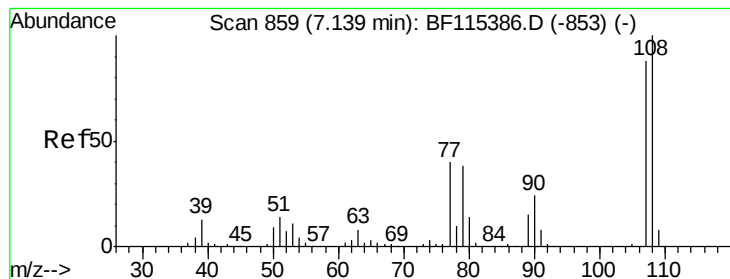
Ion Ratio Lower Upper

45 100

77 15.6 0.0 36.0

79 12.0 0.0 32.0

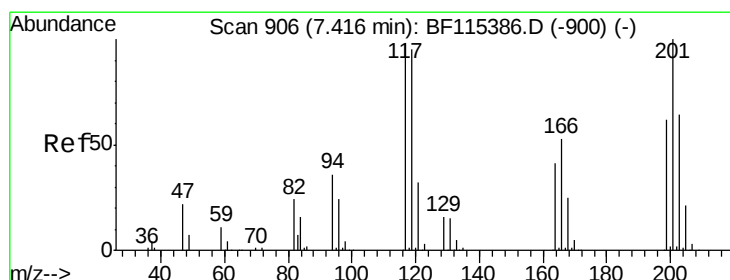
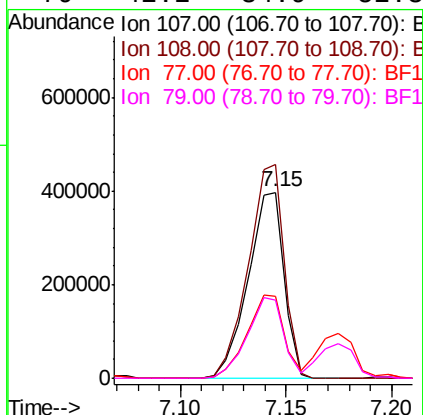
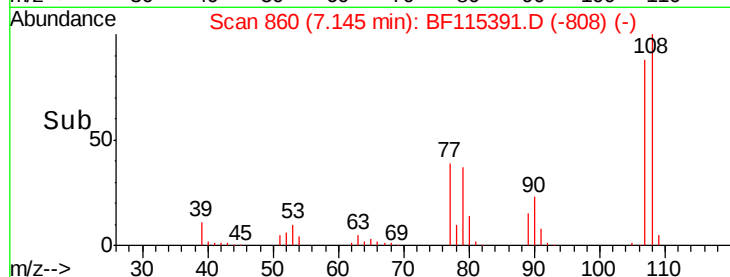
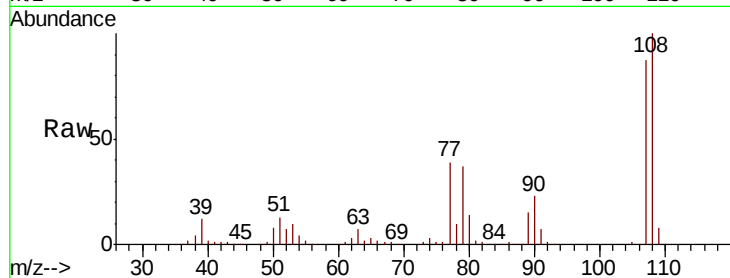




#17
2-Methylphenol
Concen: 39.375 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

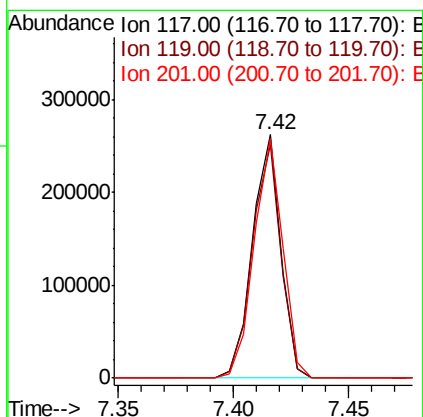
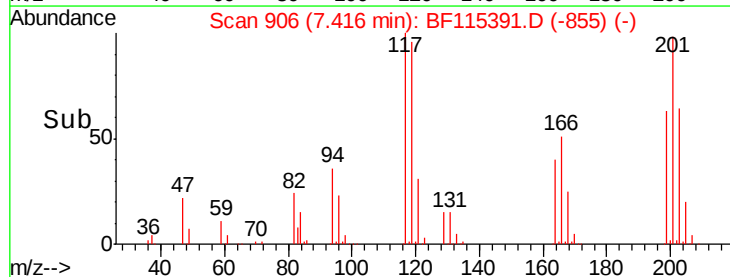
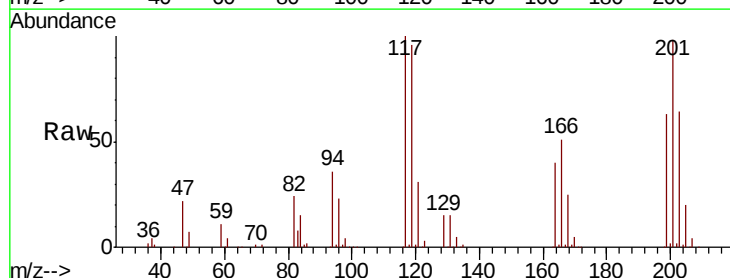
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

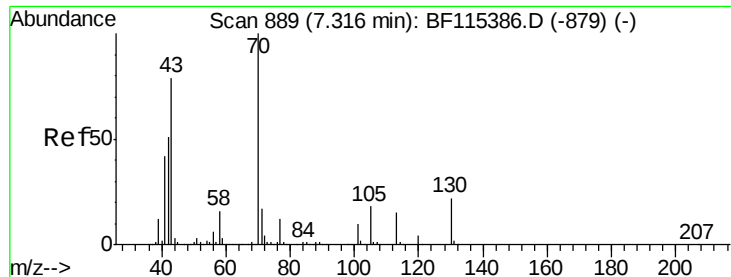
Tot Ion:107 Resp: 471485
Ion Ratio Lower Upper
107 100
108 114.7 90.7 136.1
77 44.3 36.3 54.5
79 42.2 34.9 52.3



#18
Hexachloroethane
Concen: 39.620 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:117 Resp: 226389
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7
201 98.4 81.3 121.9

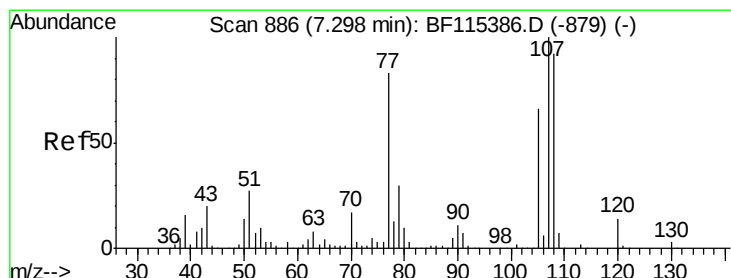
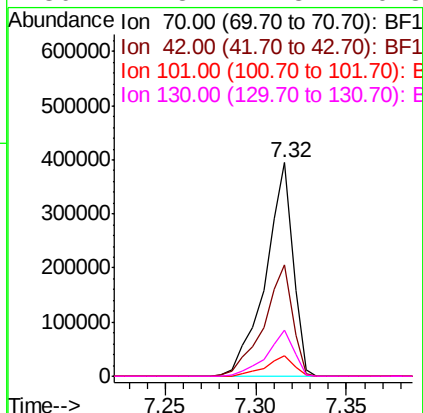
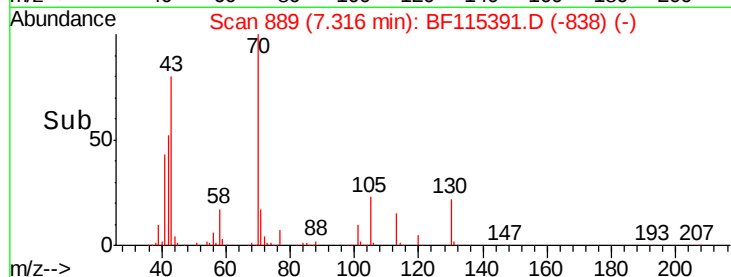
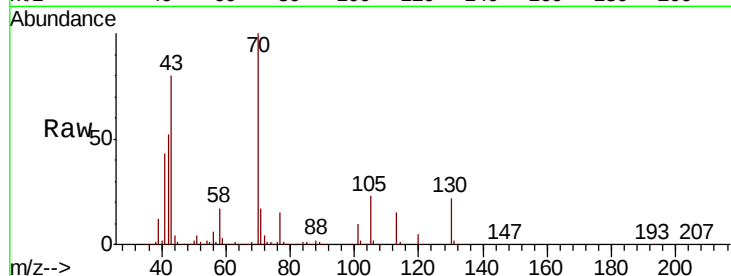




#19
n-Nitroso-di-n-propylamine
Concen: 39.027 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

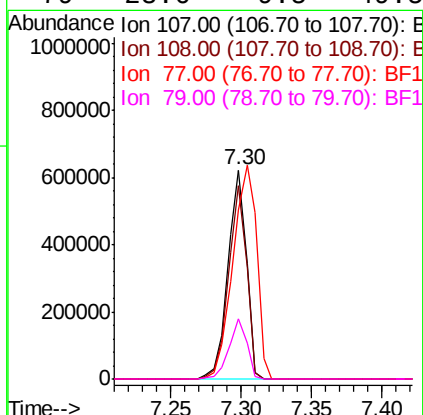
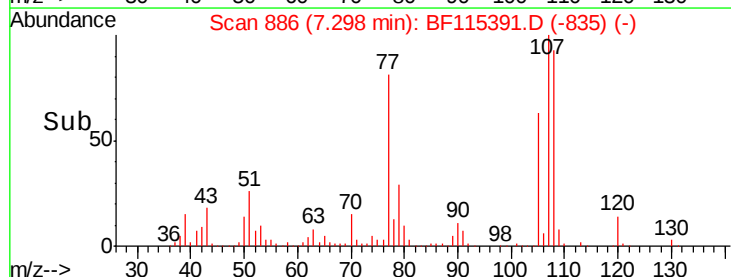
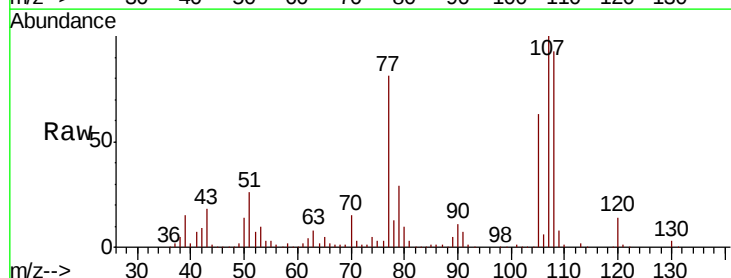
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

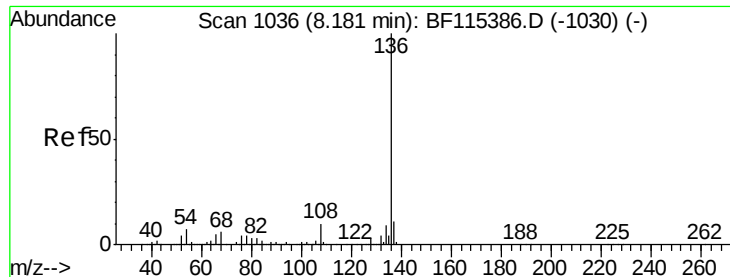
Tot Ion:	70	Resp:	415662
Ion	Ratio	Lower	Upper
70	100		
42	52.0	41.1	61.7
101	9.7	8.0	12.0
130	21.8	17.8	26.8



#20
3+4-Methylphenols
Concen: 39.822 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:	107	Resp:	563255
Ion	Ratio	Lower	Upper
107	100		
108	92.7	72.5	112.5
77	80.5	62.7	102.7
79	28.6	9.5	49.5

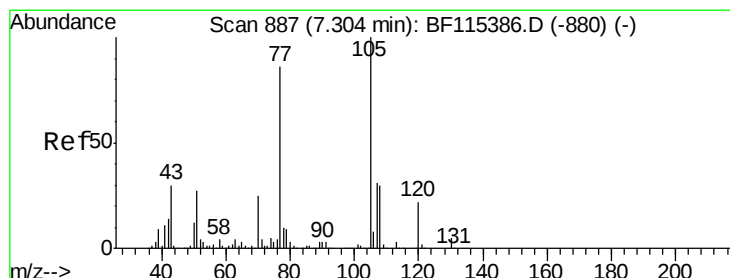
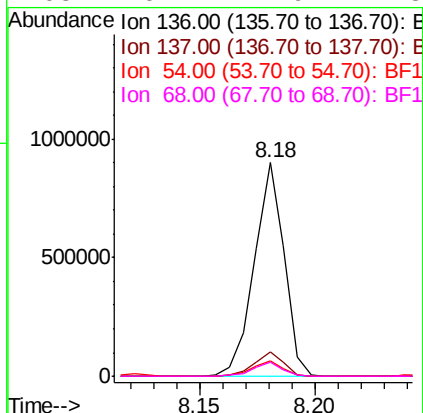
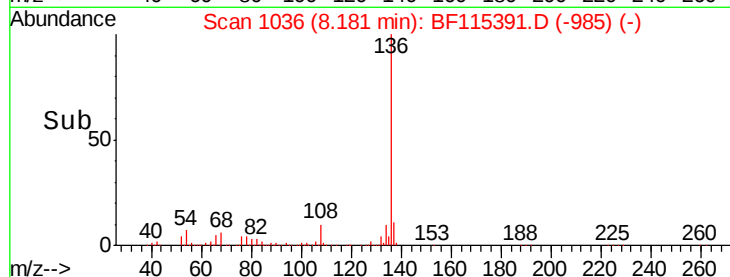
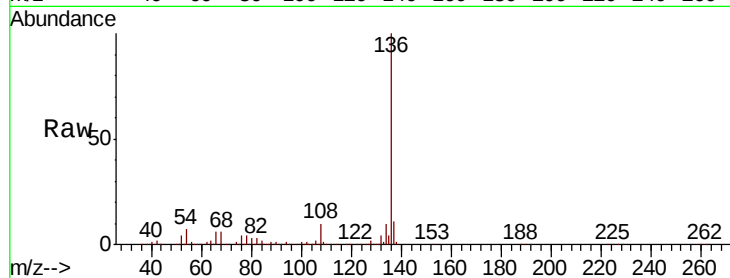




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

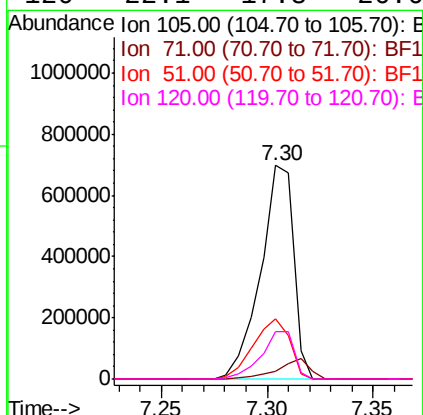
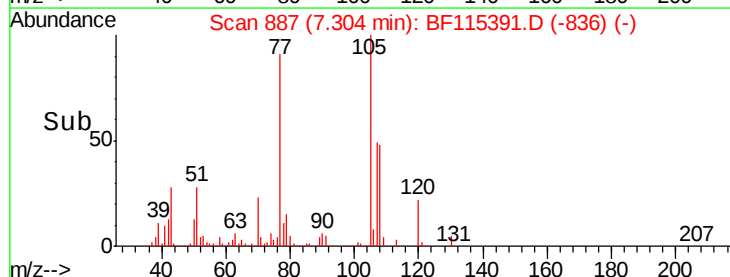
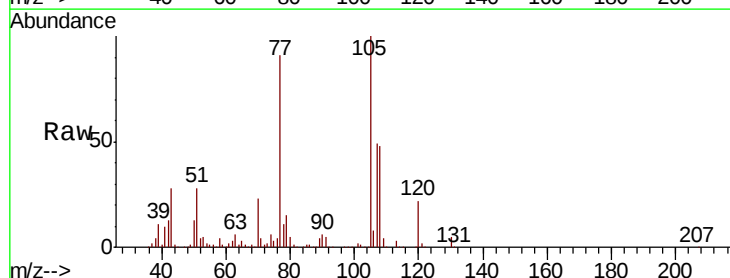
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

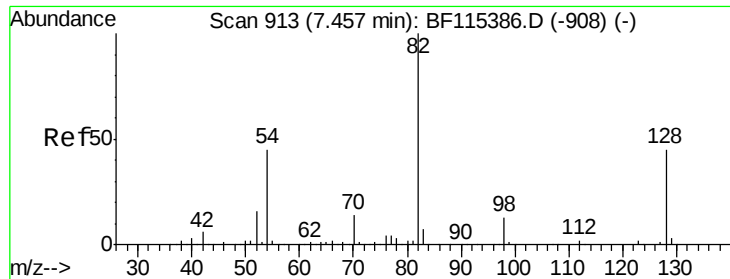
Tot Ion:136	Resp:	812136
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 7.3	5.6	8.4
68 6.4	4.9	7.3



#22
Acetophenone
Concen: 38.929 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt	Ion:105	Resp:	757574
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.3	4.9
51	28.4	21.5	32.3
120	22.1	17.8	26.6

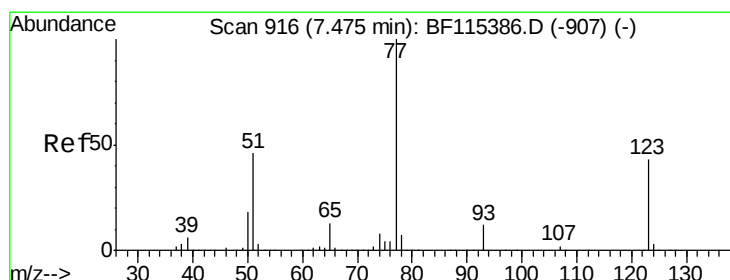
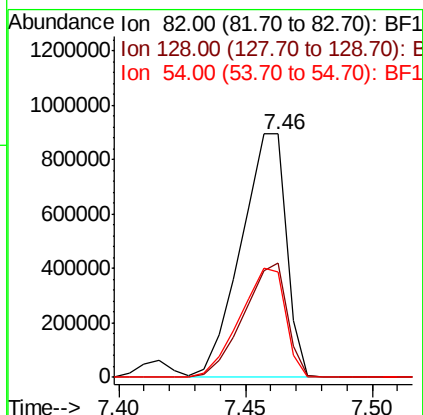
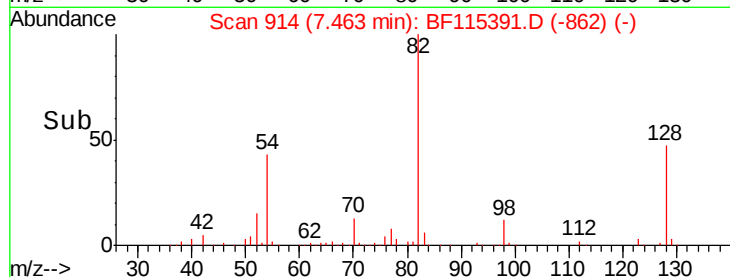
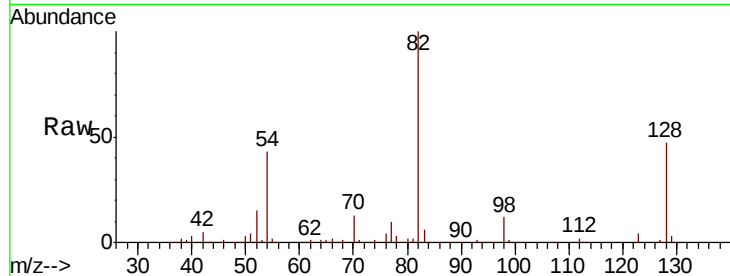




#23
Nitrobenzene-d5
Concen: 81.508 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

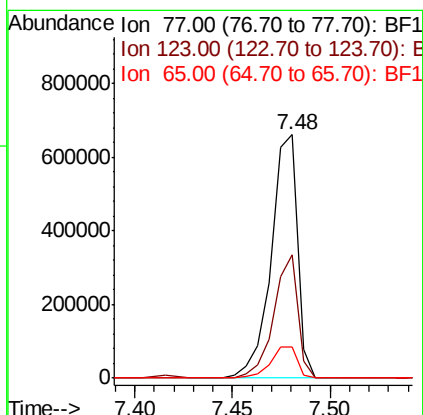
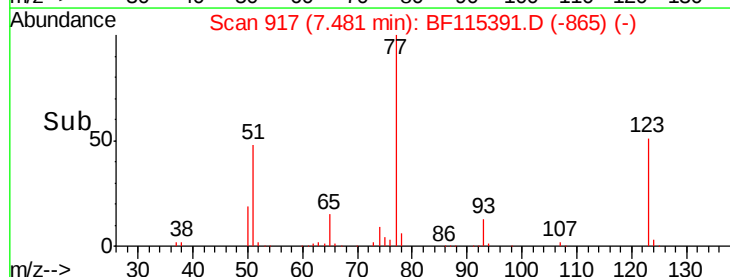
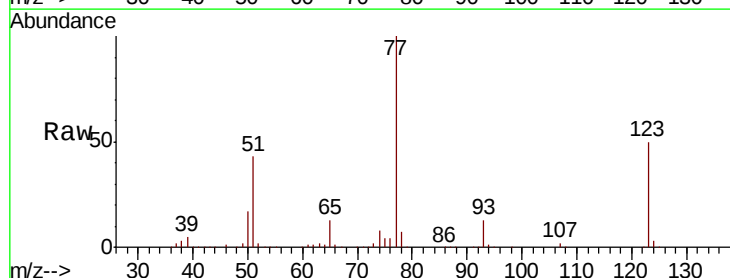
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

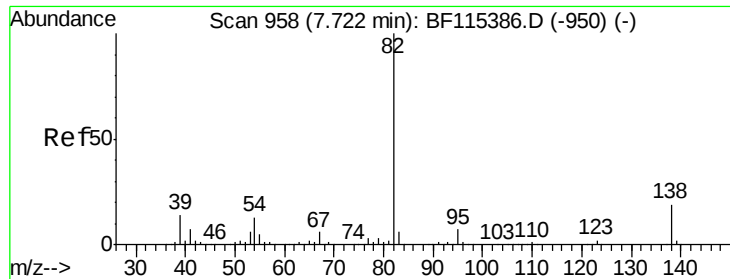
Tot Ion: 82 Resp: 1120376
Ion Ratio Lower Upper
82 100
128 47.2 35.7 53.5
54 43.4 36.3 54.5



#24
Nitrobenzene
Concen: 39.873 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion: 77 Resp: 618971
Ion Ratio Lower Upper
77 100
123 50.4 35.0 52.6
65 12.9 10.8 16.2





#25

Isophorone

Concen: 38.348 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

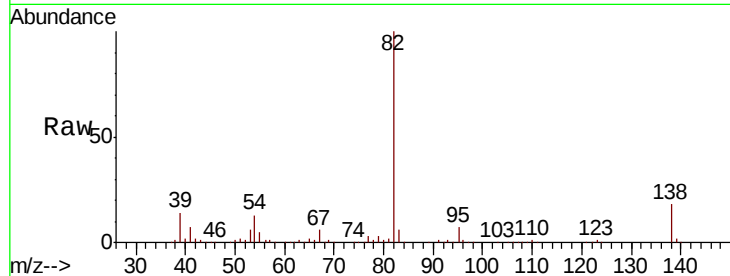
Tot Ion: 82 Resp: 1142529

Ion Ratio Lower Upper

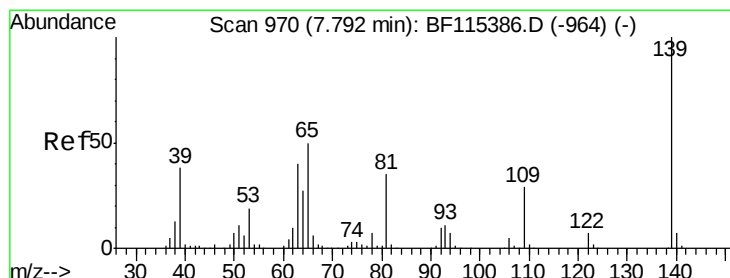
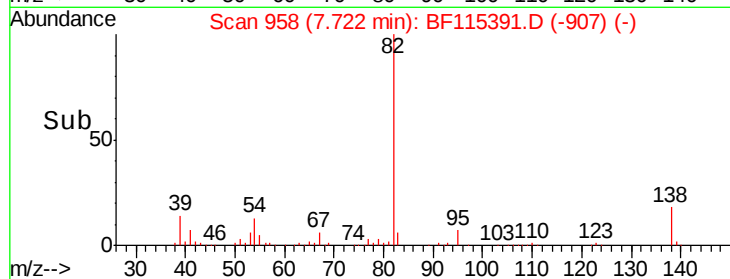
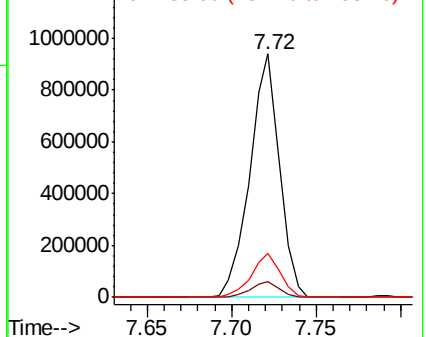
82 100

95 6.6 5.4 8.0

138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.711 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

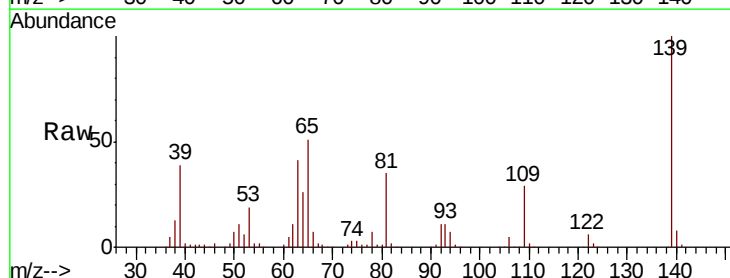
Tgt Ion: 139 Resp: 278967

Ion Ratio Lower Upper

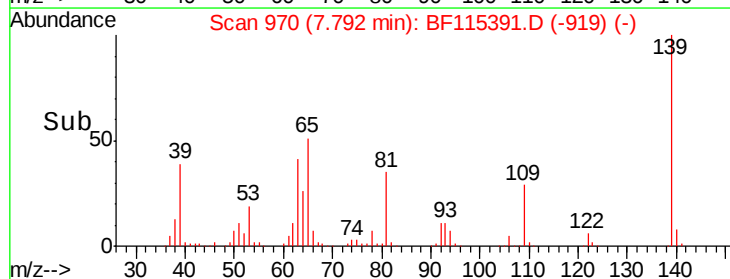
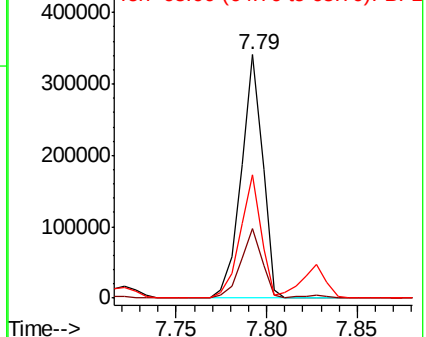
139 100

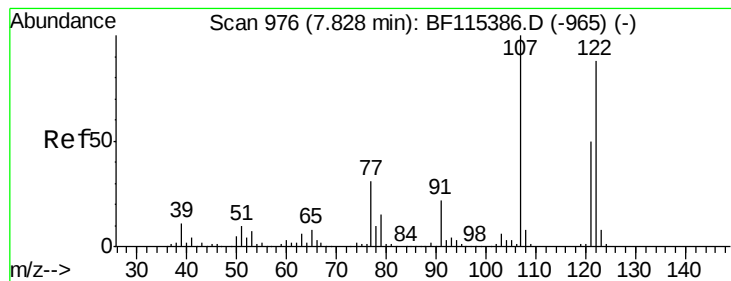
109 28.8 22.9 34.3

65 50.6 40.2 60.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

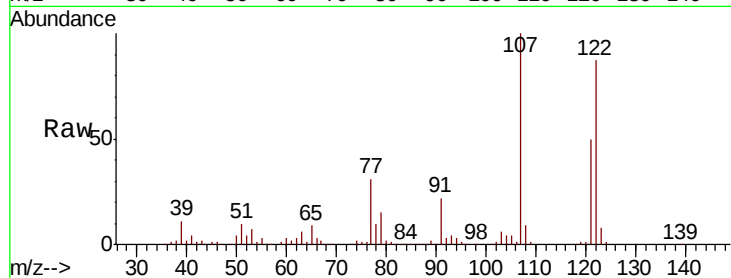




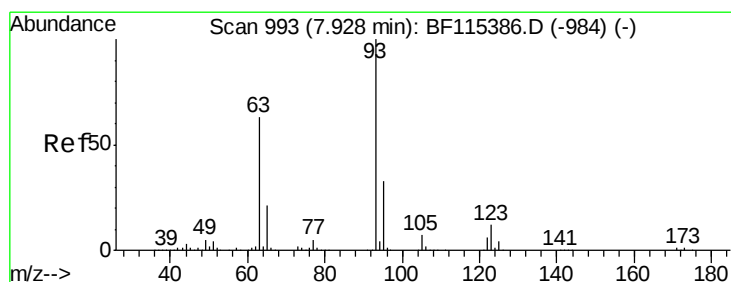
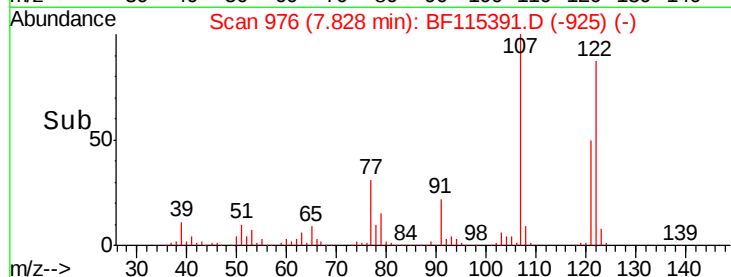
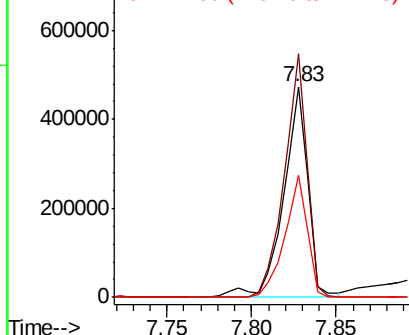
#27
2,4-Dimethylphenol
Concen: 39.269 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:122 Resp: 477889
Ion Ratio Lower Upper
122 100
107 115.5 91.0 136.6
121 57.7 45.9 68.9

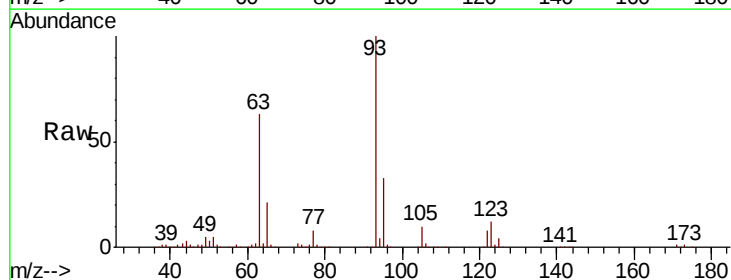


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

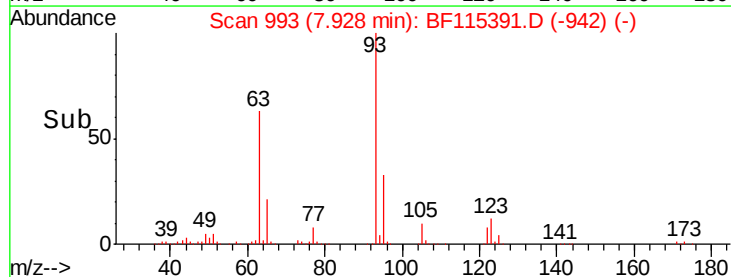
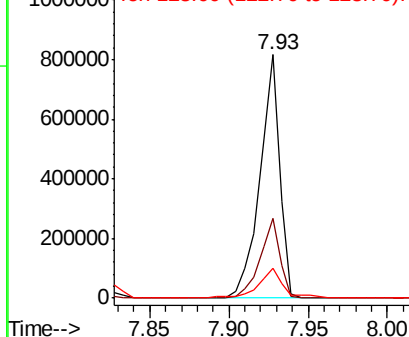


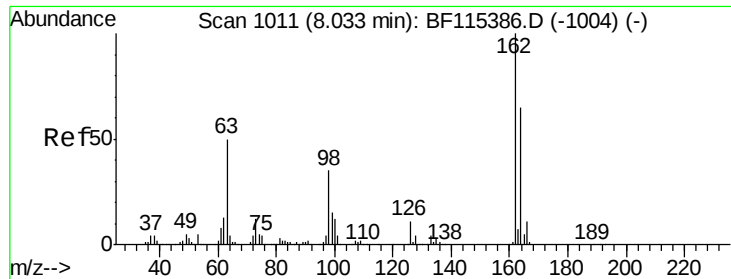
#28
bis(2-Chloroethoxy)methane
Concen: 38.919 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion: 93 Resp: 715031
Ion Ratio Lower Upper
93 100
95 32.7 26.6 39.8
123 12.4 10.0 15.0



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

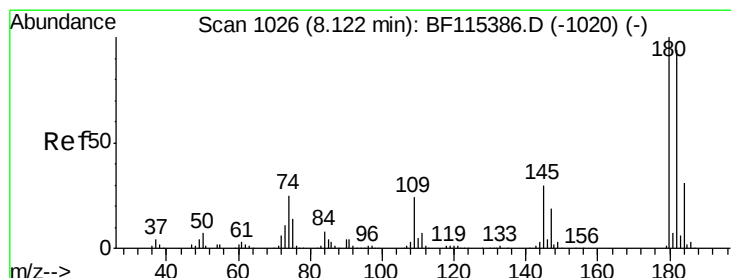
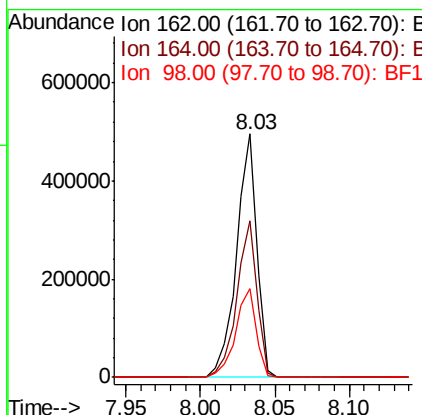
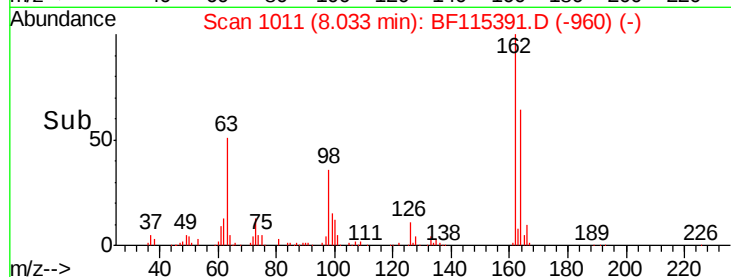
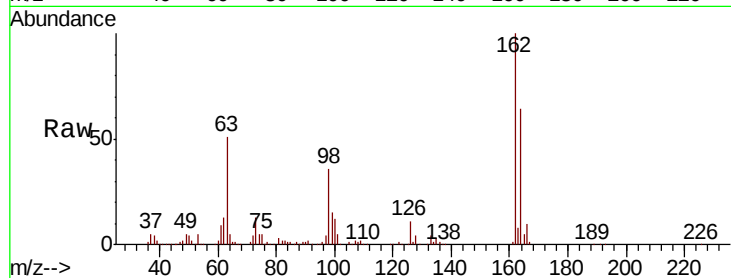




#29
2,4-Dichlorophenol
Concen: 39.080 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

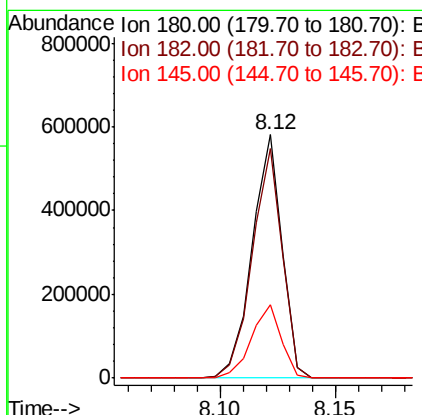
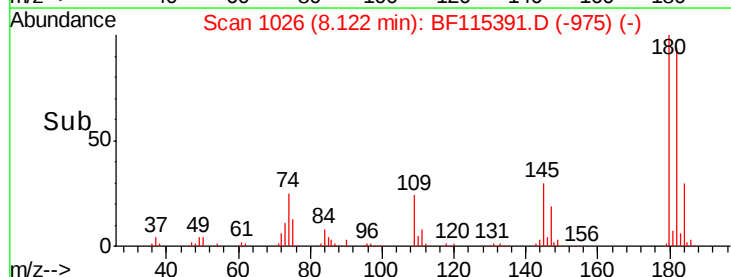
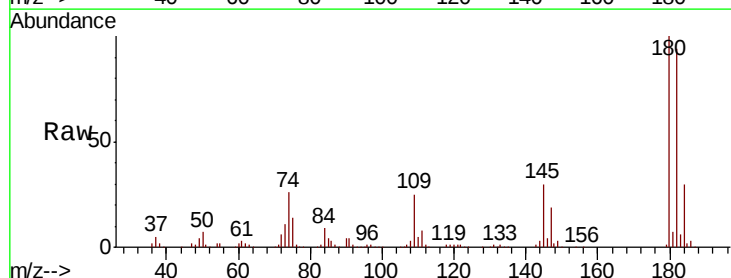
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

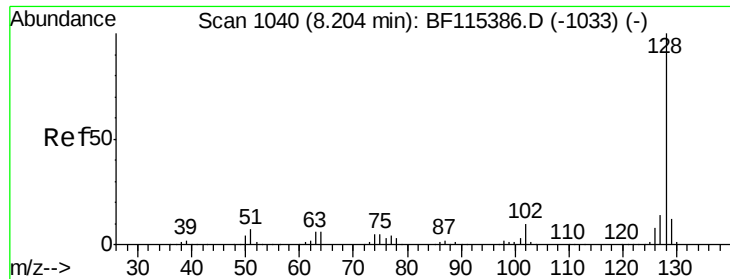
Tot Ion:162 Resp: 473689
Ion Ratio Lower Upper
162 100
164 64.3 44.6 84.6
98 36.3 15.0 55.0



#30
1,2,4-Trichlorobenzene
Concen: 38.835 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:180 Resp: 524037
Ion Ratio Lower Upper
180 100
182 94.5 75.6 113.4
145 30.0 23.8 35.6

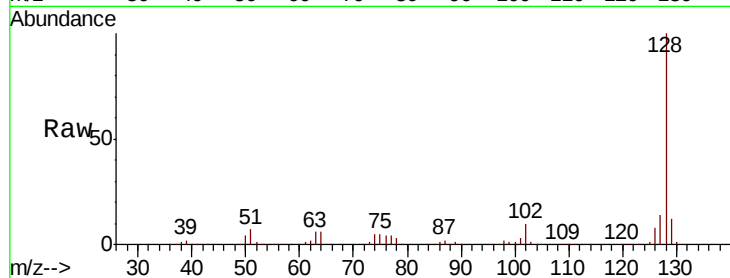




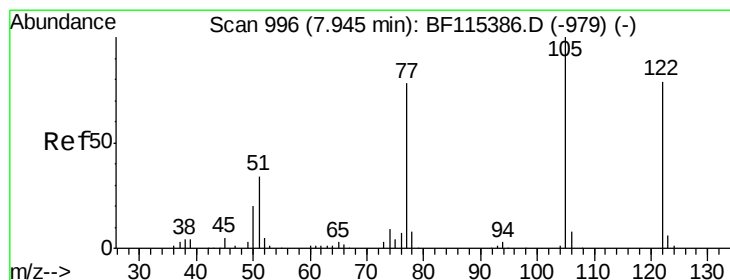
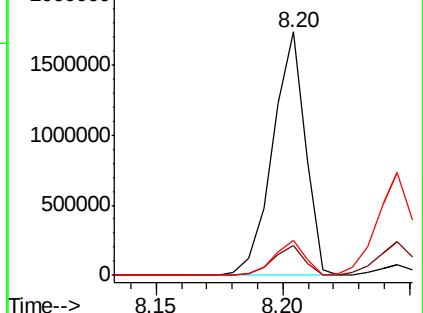
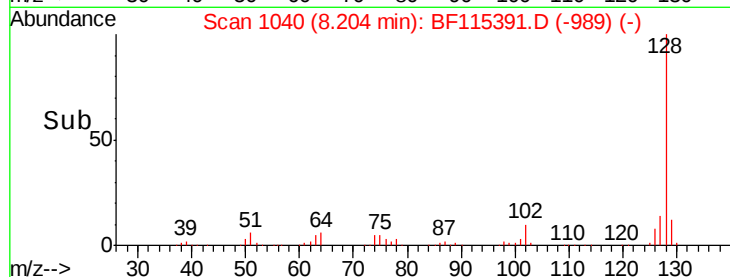
#31
Naphthalene
Concen: 38.836 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:128 Resp: 1566594
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.2
127 14.4 11.2 16.8

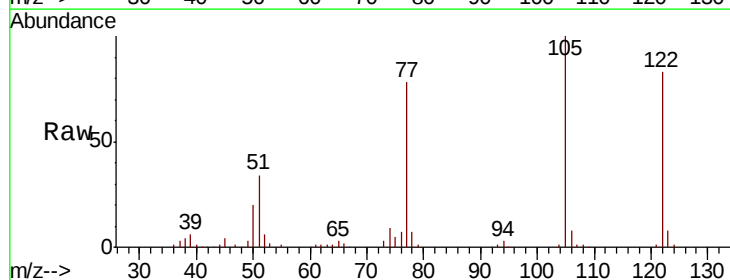


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

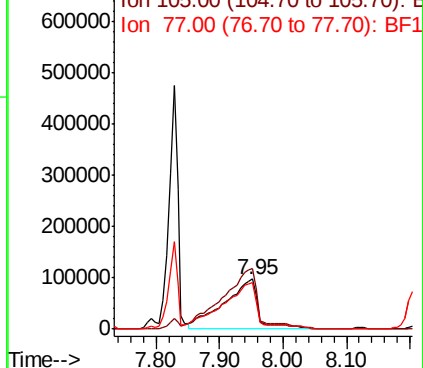
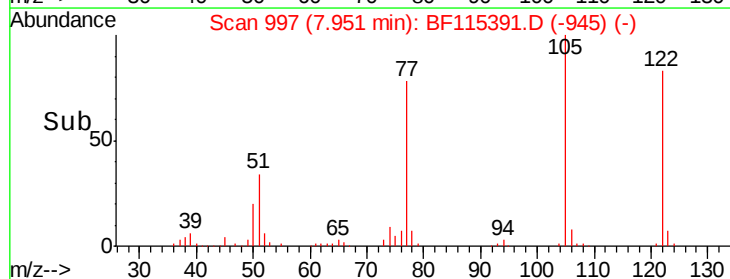


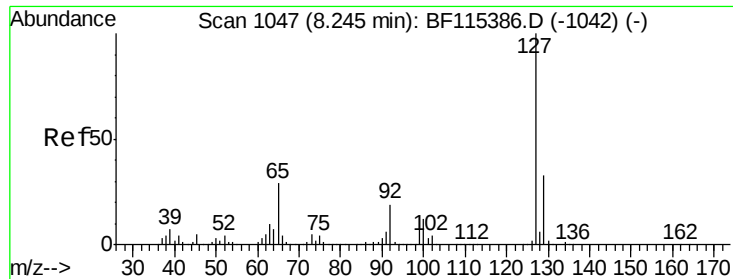
#32
Benzoic acid
Concen: 41.990 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:122 Resp: 364592
Ion Ratio Lower Upper
122 100
105 121.0 105.1 145.1
77 94.3 77.8 117.8



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

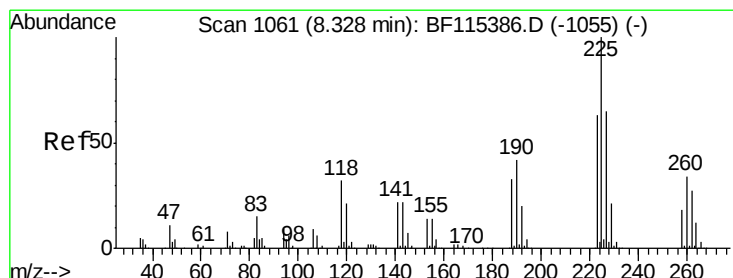
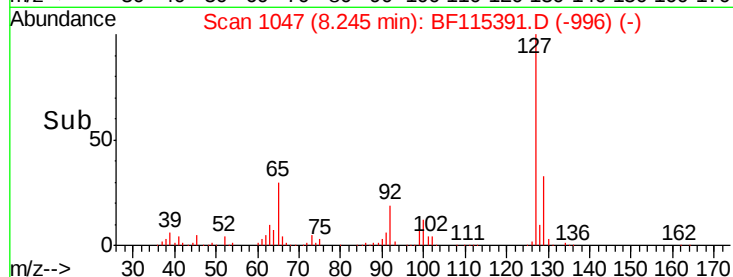
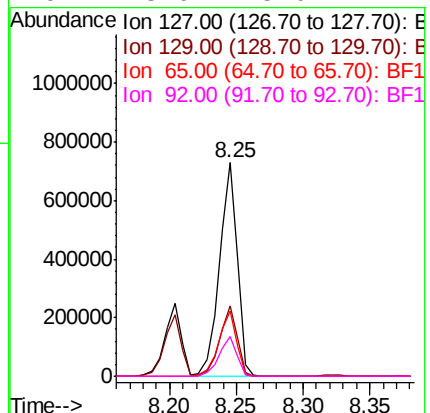
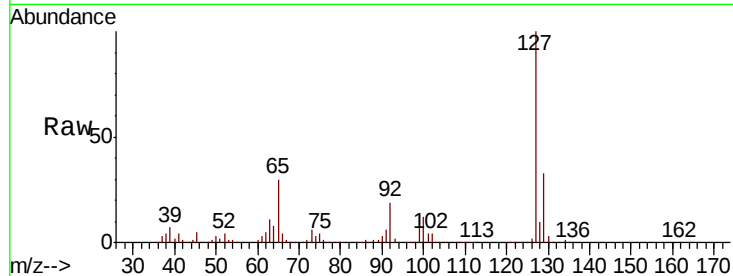




#33
4-Chloroaniline
Concen: 38.265 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

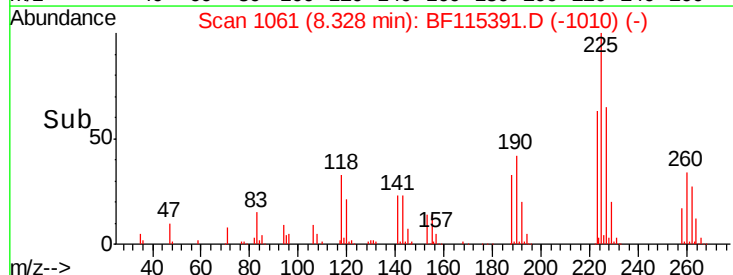
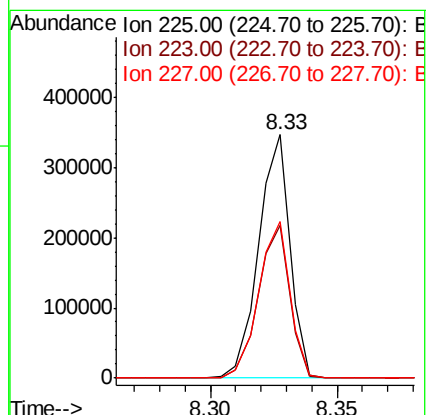
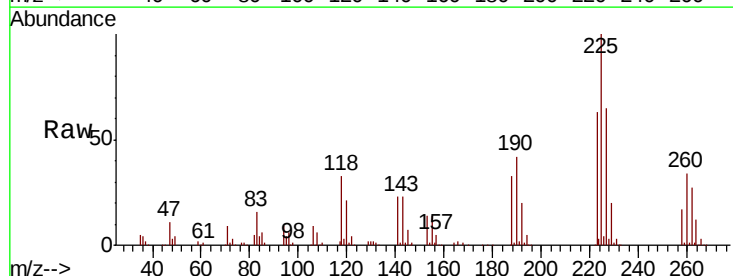
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

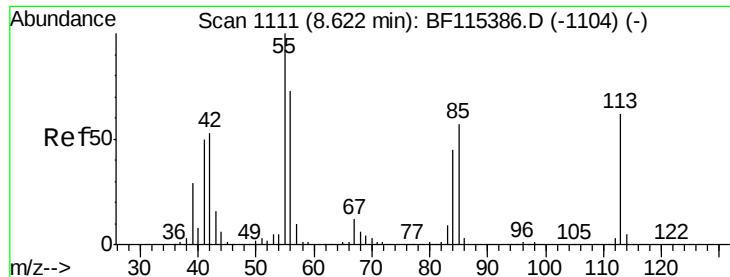
Tot Ion:	127	Resp:	688709
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	30.4	23.3	34.9
92	18.9	15.0	22.4



#34
Hexachlorobutadiene
Concen: 39.106 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:	225	Resp:	299259
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.7	76.1
227	64.5	52.1	78.1





#35

Caprolactam

Concen: 39.015 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

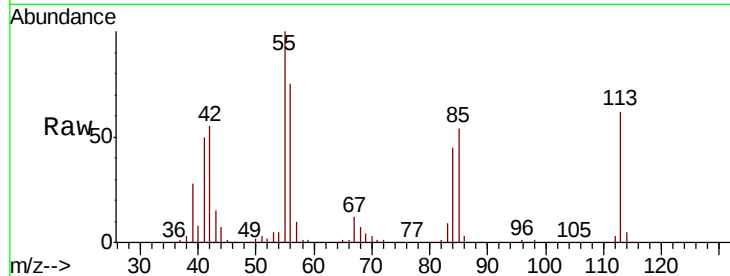
Tot Ion:113 Resp: 154023

Ion Ratio Lower Upper

113 100

55 161.0 141.9 181.9

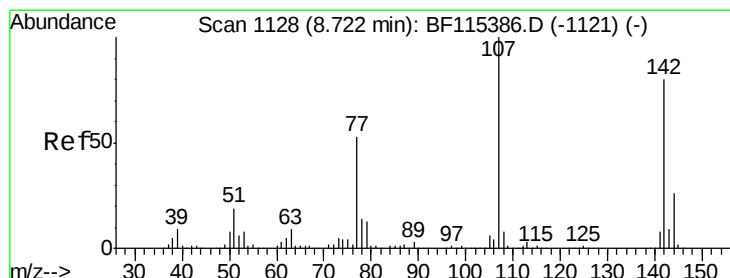
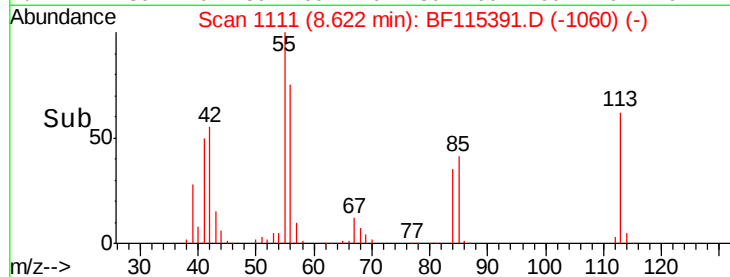
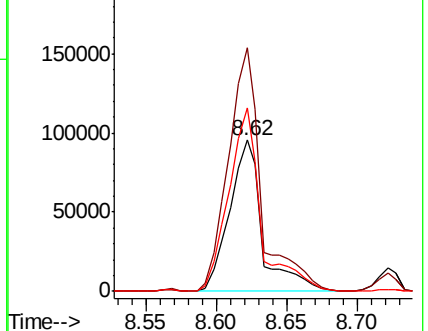
56 121.4 98.7 138.7



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: 39.156 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

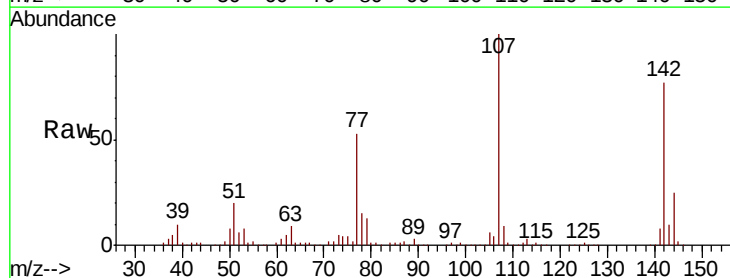
Tgt Ion:107 Resp: 502024

Ion Ratio Lower Upper

107 100

144 25.5 20.8 31.2

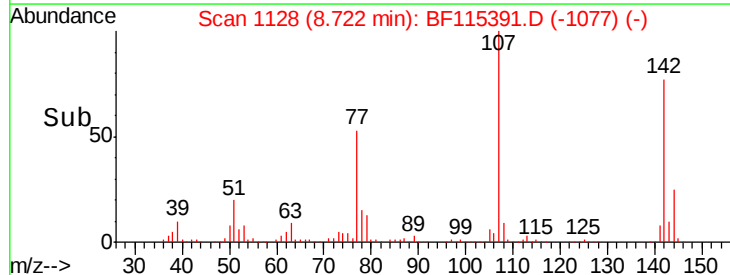
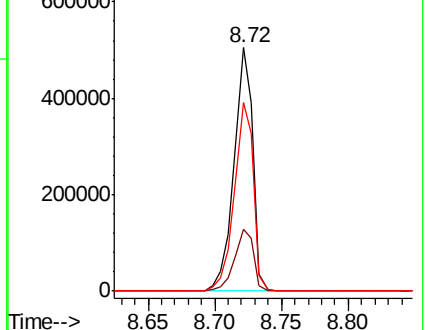
142 77.5 64.0 96.0

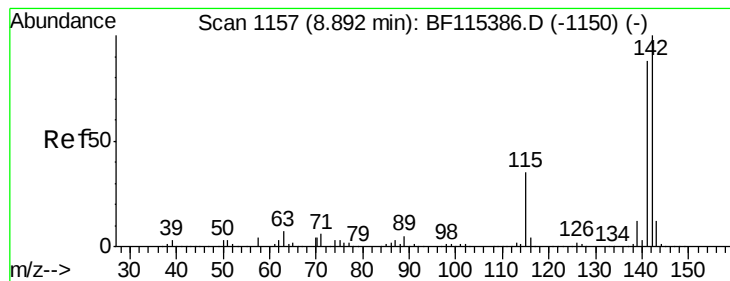


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.893 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

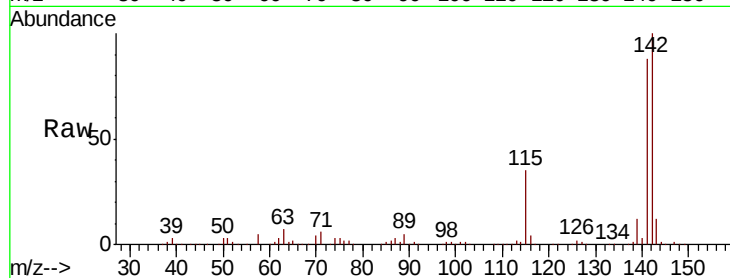
Tot Ion:142 Resp: 1048668

Ion Ratio Lower Upper

142 100

141 88.2 70.6 106.0

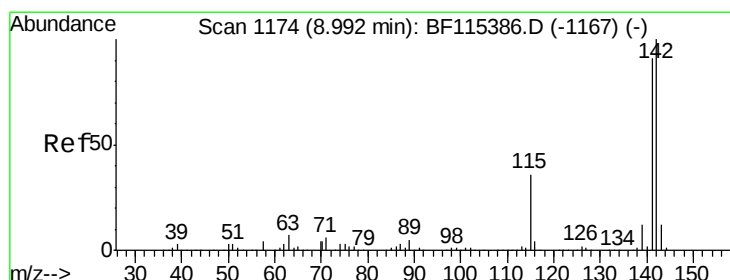
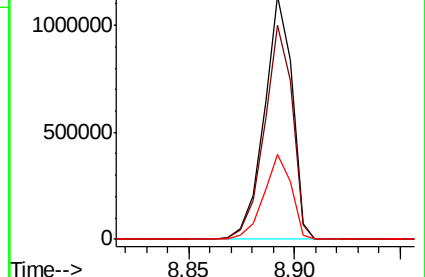
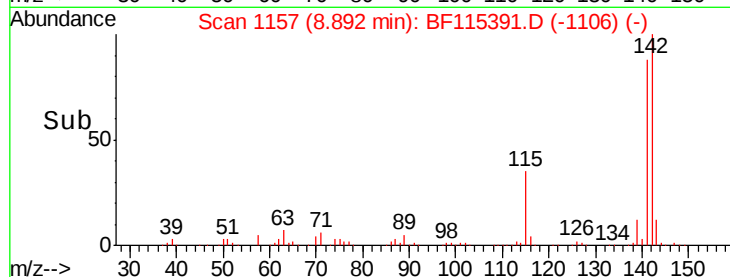
115 34.8 27.8 41.8



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: 39.158 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

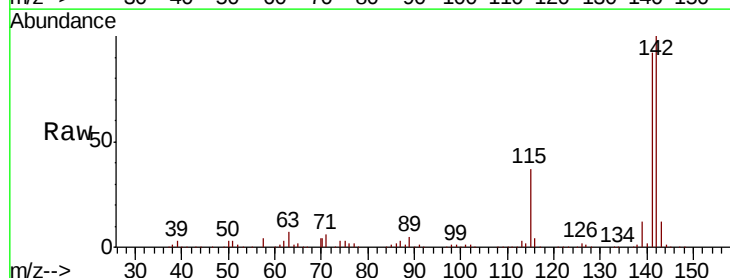
Tgt Ion:142 Resp: 1007365

Ion Ratio Lower Upper

142 100

141 91.6 72.7 109.1

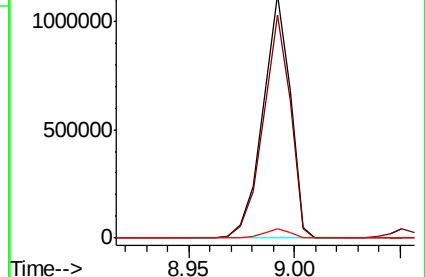
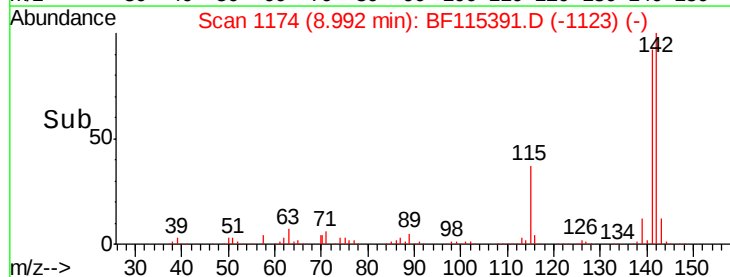
116 3.8 3.0 4.4

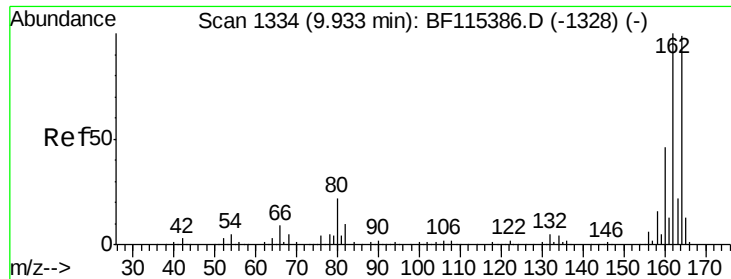


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

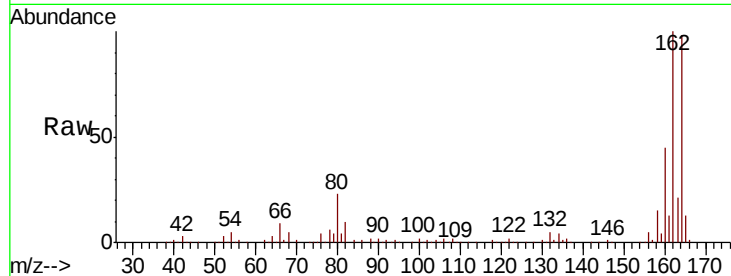




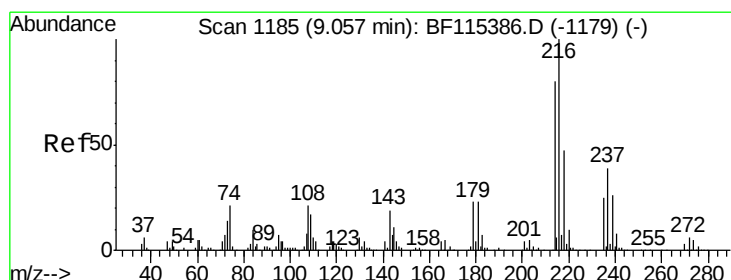
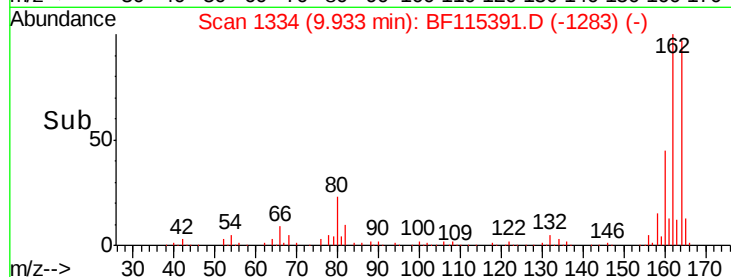
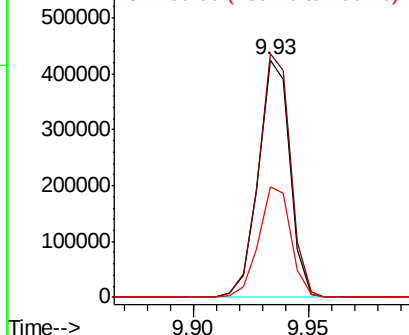
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:164 Resp: 405509
Ion Ratio Lower Upper
164 100
162 102.5 80.6 121.0
160 46.3 37.0 55.6

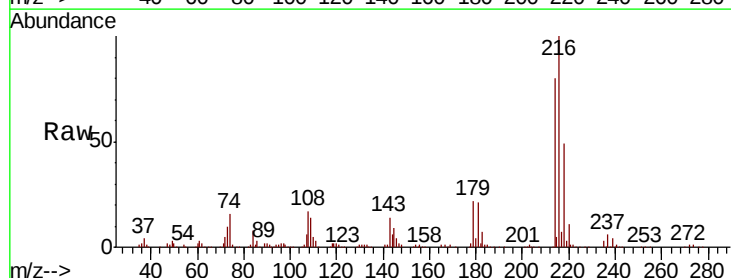


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

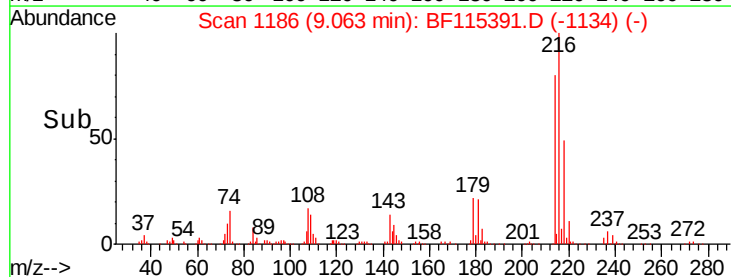
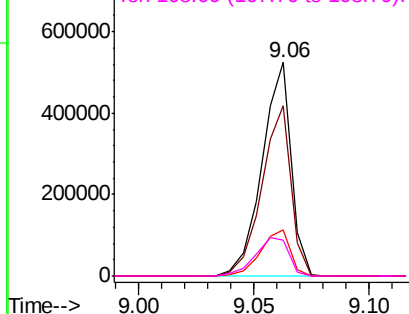


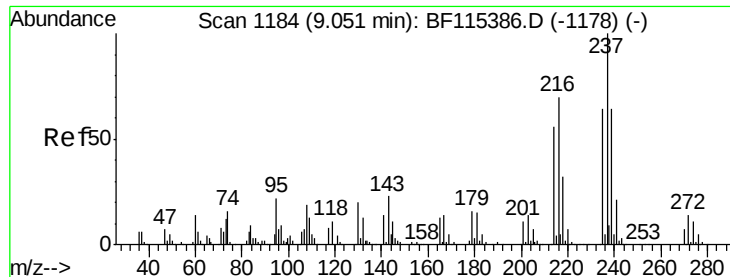
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.463 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:216 Resp: 460373
Ion Ratio Lower Upper
216 100
214 80.2 63.7 95.5
179 22.3 17.8 26.8
108 20.7 16.7 25.1



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: 40.564 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

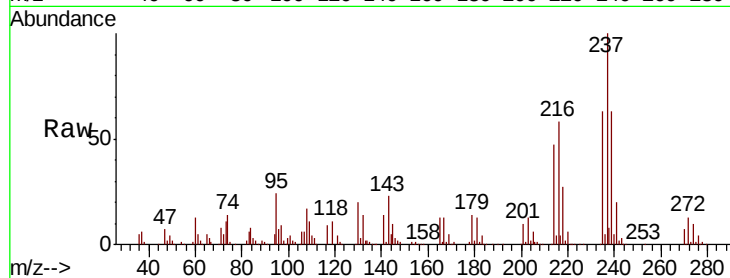
Tot Ion:237 Resp: 274275

Ion Ratio Lower Upper

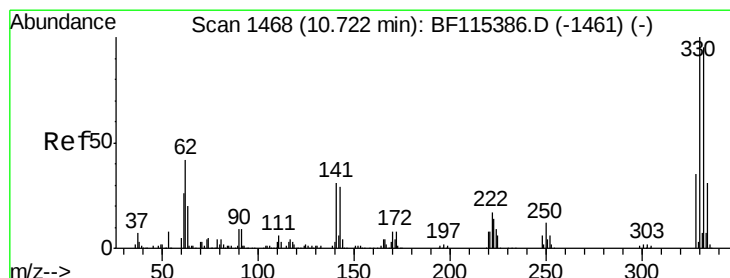
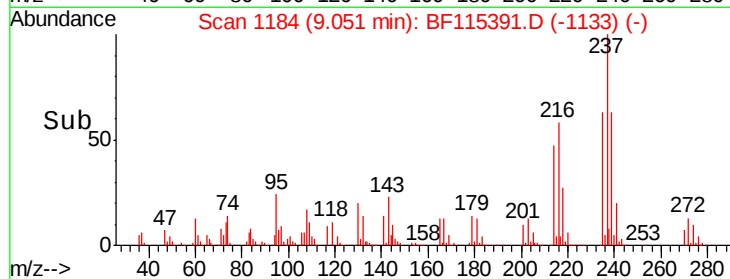
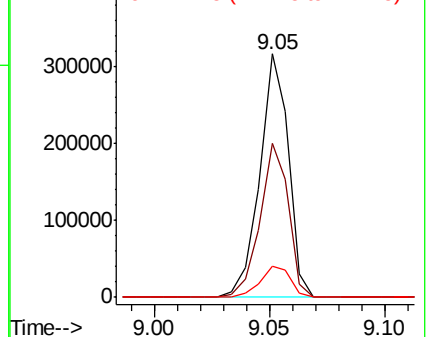
237 100

235 63.3 44.4 84.4

272 13.0 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 78.685 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

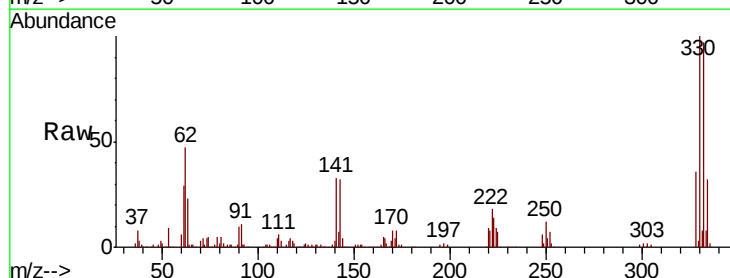
Tgt Ion:330 Resp: 352790

Ion Ratio Lower Upper

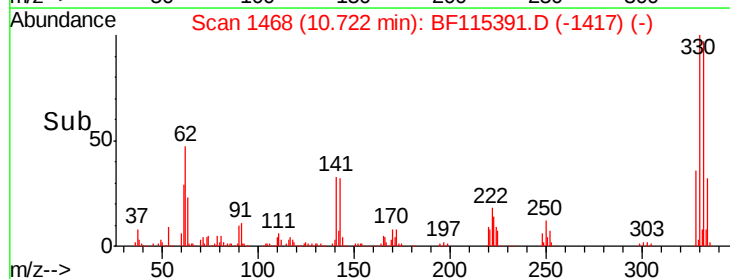
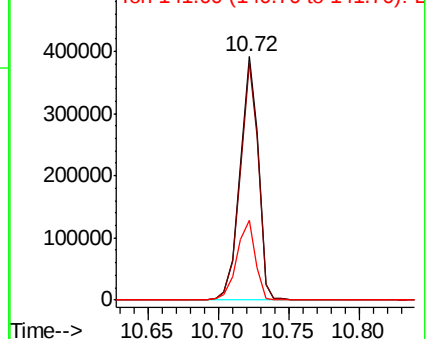
330 100

332 96.9 76.3 114.5

141 33.3 27.0 40.4



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

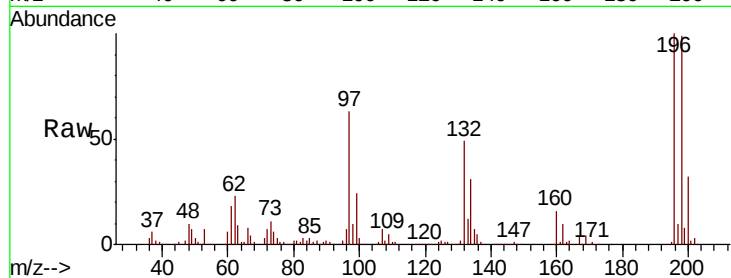




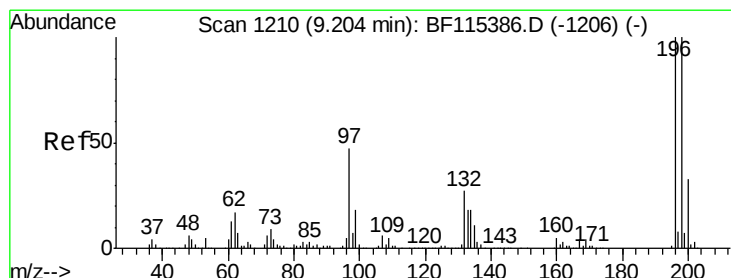
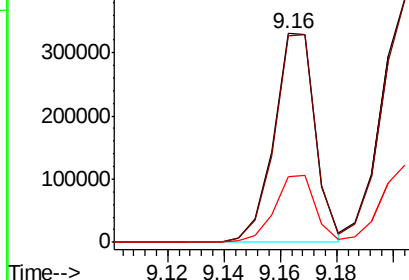
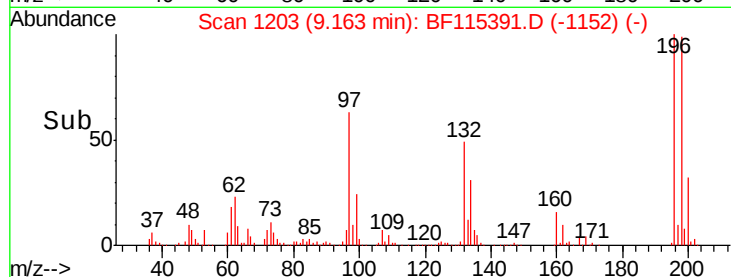
#43
 2,4,6-Trichlorophenol
 Concen: 39.420 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Tot Ion:196 Resp: 334794
 Ion Ratio Lower Upper
 196 100
 198 99.0 79.5 119.3
 200 31.6 25.8 38.8

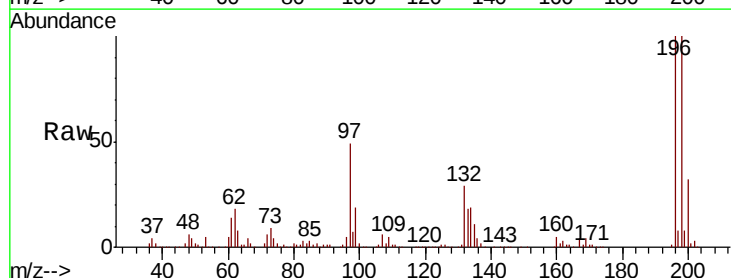


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

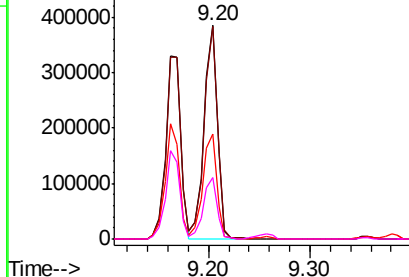
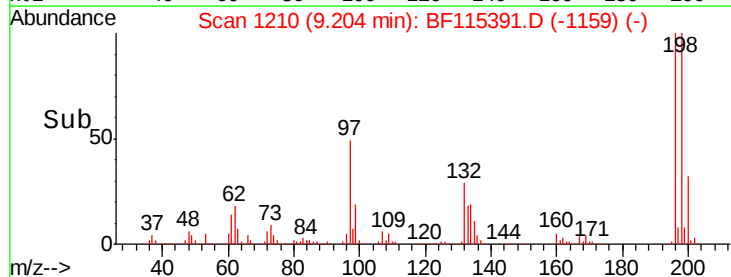


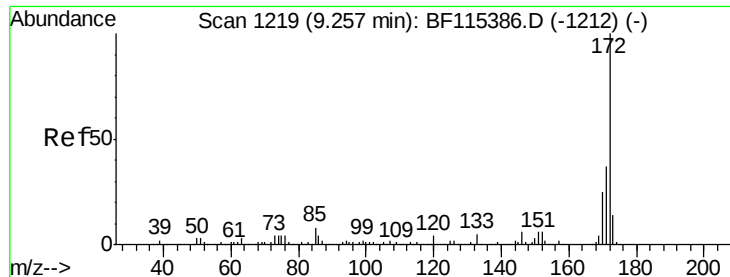
#44
 2,4,5-Trichlorophenol
 Concen: 40.030 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

Tgt Ion:196 Resp: 352534
 Ion Ratio Lower Upper
 196 100
 198 99.5 80.3 120.5
 97 49.0 38.3 57.5
 132 28.7 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

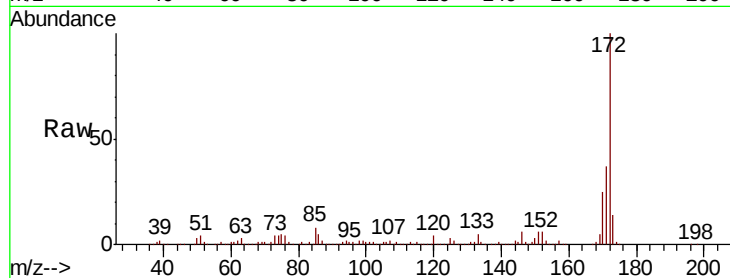




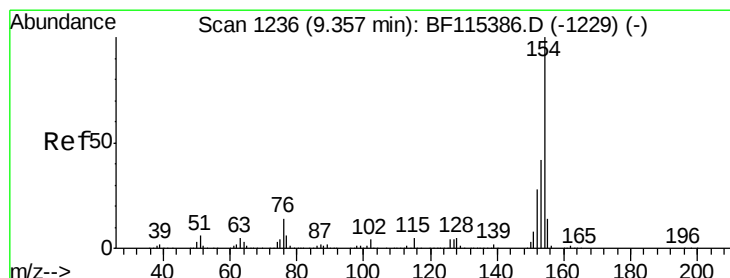
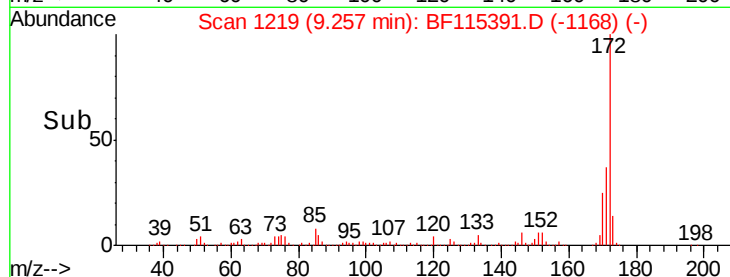
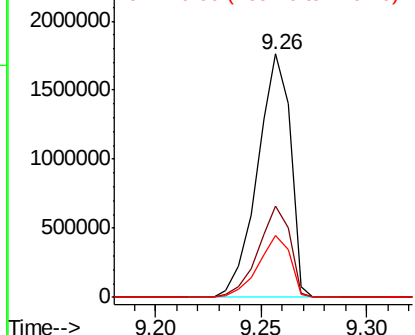
#45
2-Fluorobiphenyl
Concen: 82.681 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:172 Resp: 1910698
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.8
170 25.2 20.2 30.4

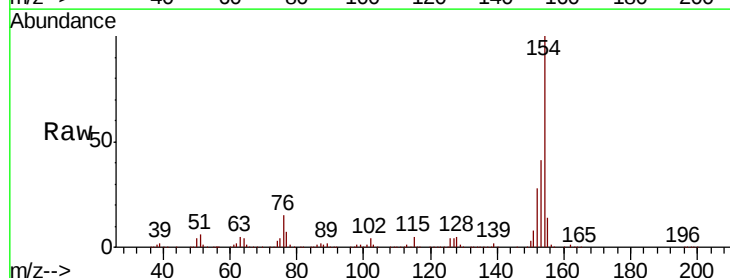


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

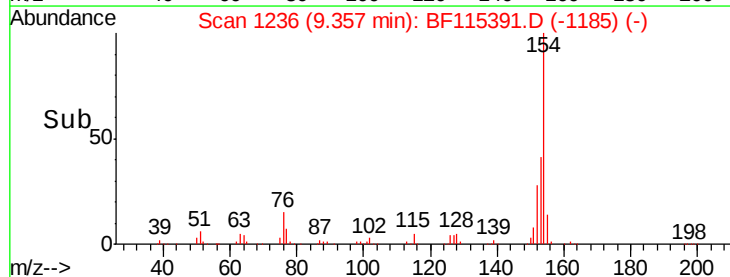
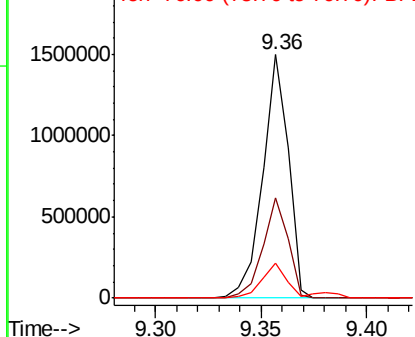


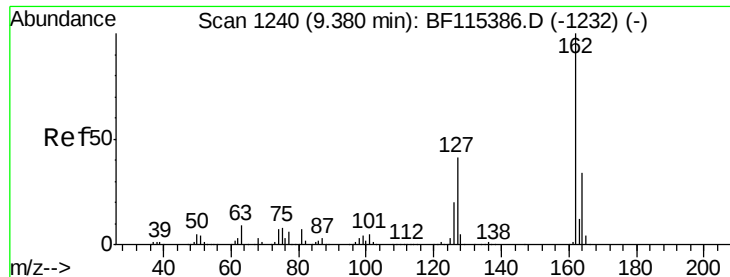
#46
1,1'-Biphenyl
Concen: 39.659 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:154 Resp: 1264304
Ion Ratio Lower Upper
154 100
153 41.3 21.9 61.9
76 14.5 0.0 34.3



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

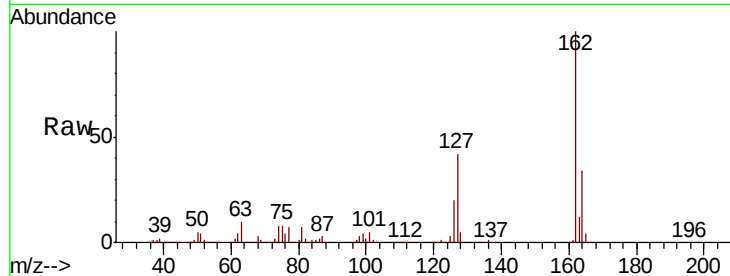




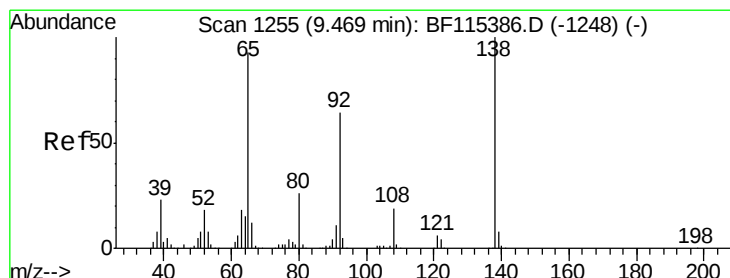
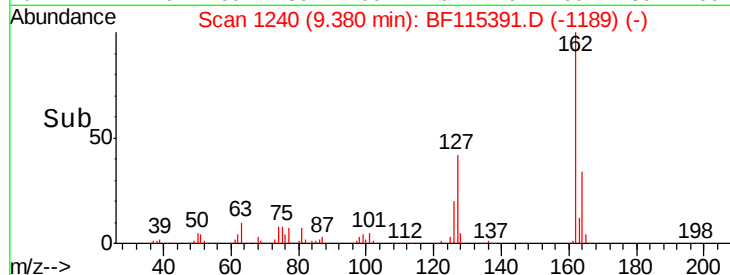
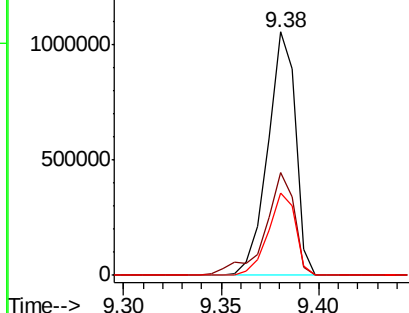
#47
 2-Chloronaphthalene
 Concen: 39.441 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Tot Ion:162 Resp: 1039163
 Ion Ratio Lower Upper
 162 100
 127 42.2 32.8 49.2
 164 33.6 27.0 40.6

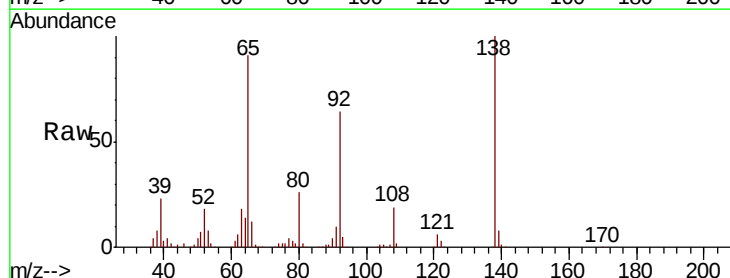


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

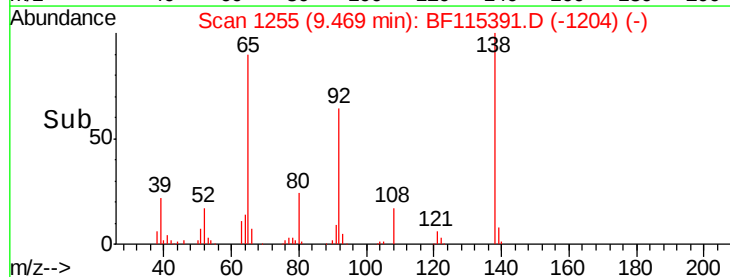
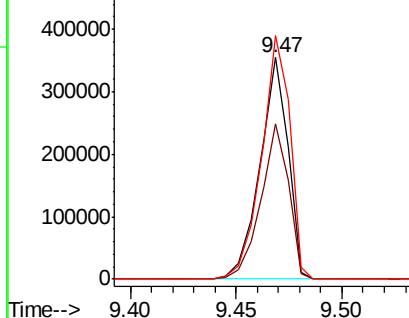


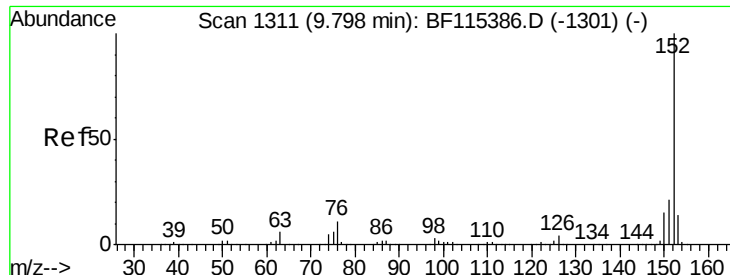
#48
 2-Nitroaniline
 Concen: 42.313 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

Tgt Ion: 65 Resp: 327544
 Ion Ratio Lower Upper
 65 100
 92 69.9 55.4 83.0
 138 109.8 85.8 128.8



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: 39.029 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

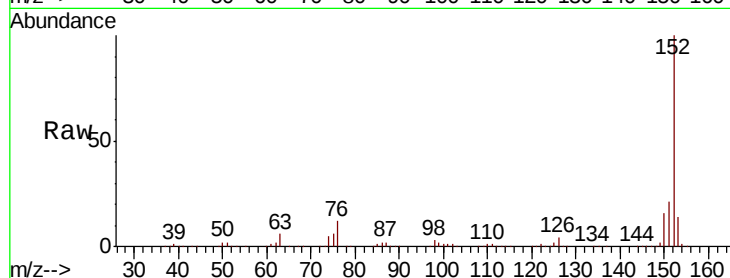
Tot Ion:152 Resp: 1556915

Ion Ratio Lower Upper

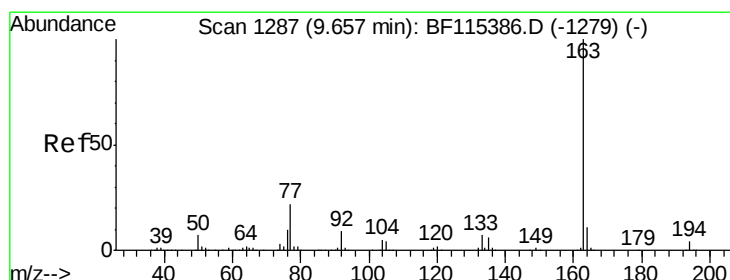
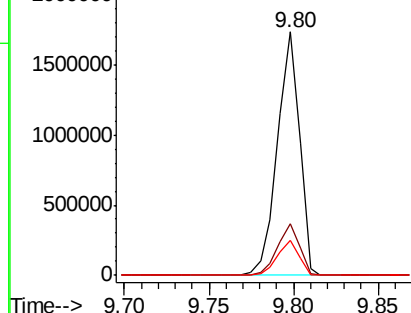
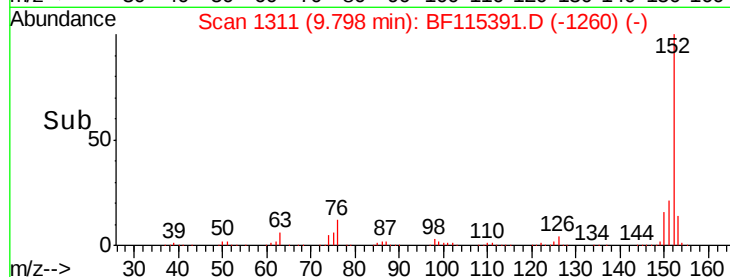
152 100

151 21.4 17.0 25.4

153 14.3 11.4 17.2



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: 39.141 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

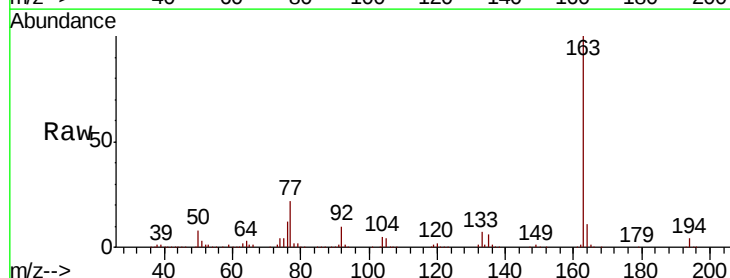
Tgt Ion:163 Resp: 1191297

Ion Ratio Lower Upper

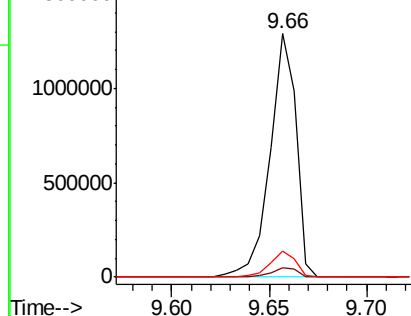
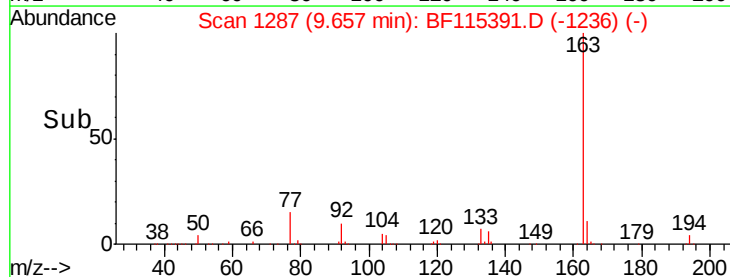
163 100

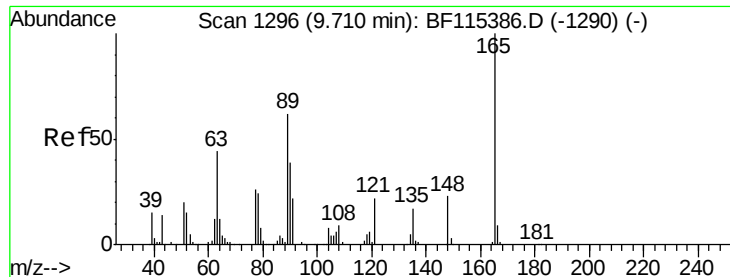
194 3.9 3.2 4.8

164 10.9 8.5 12.7



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

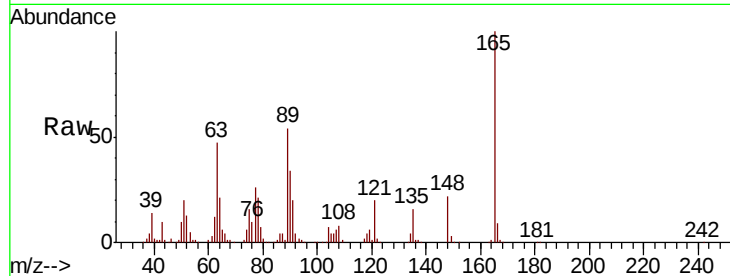




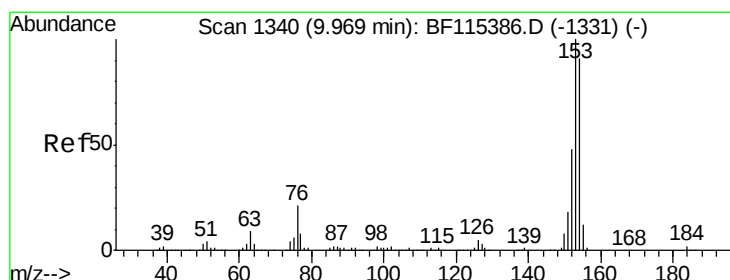
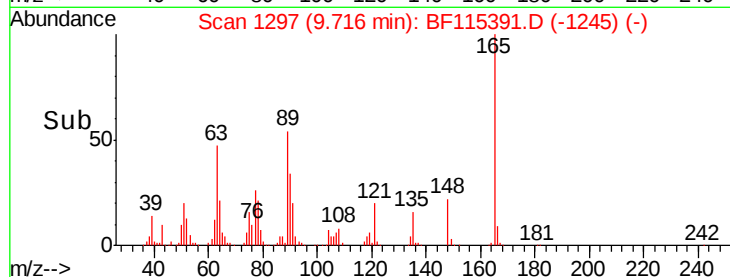
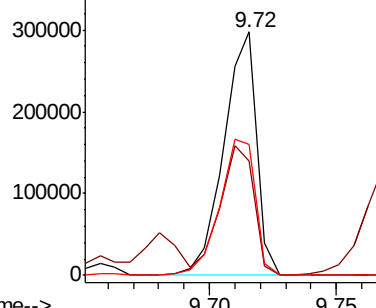
#51
2,6-Dinitrotoluene
Concen: 40.637 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	45.8	68.6
89	53.6	49.9	74.9

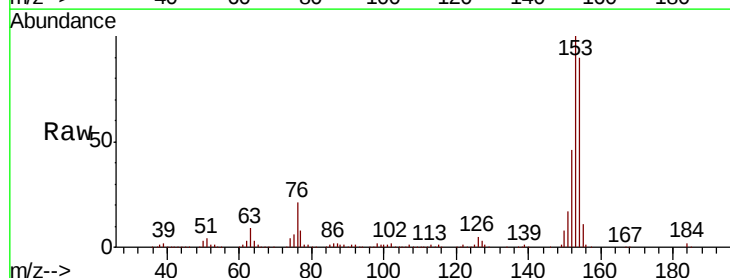


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

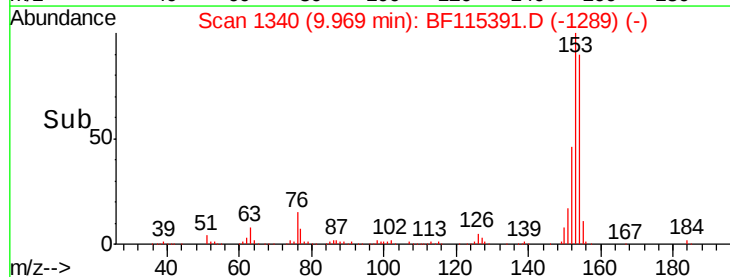
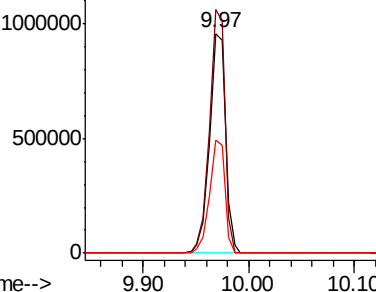


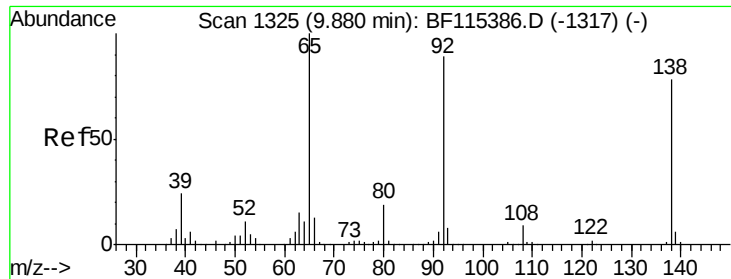
#52
Acenaphthene
Concen: 39.453 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	87.9	131.9
152	51.5	42.2	63.2



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

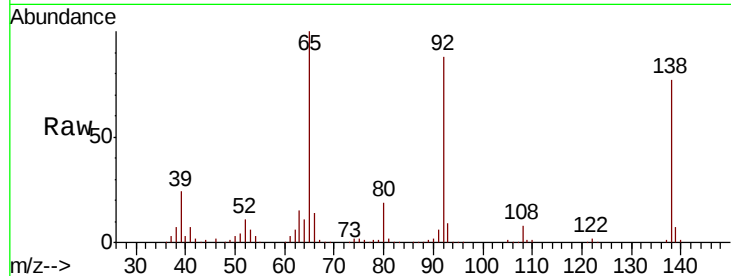




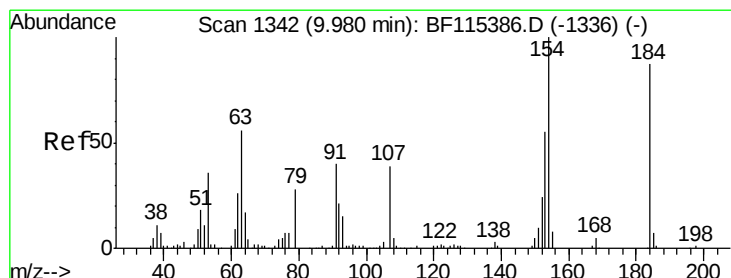
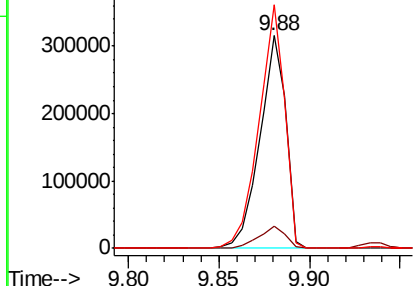
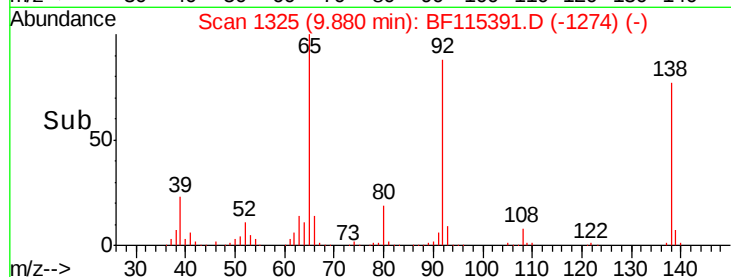
#53
3-Nitroaniline
Concen: 41.068 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:138 Resp: 314856
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 114.6 90.5 135.7

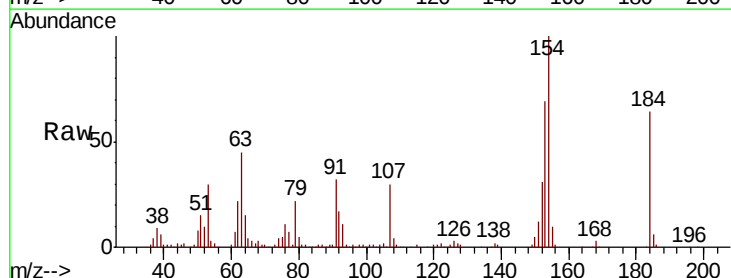


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

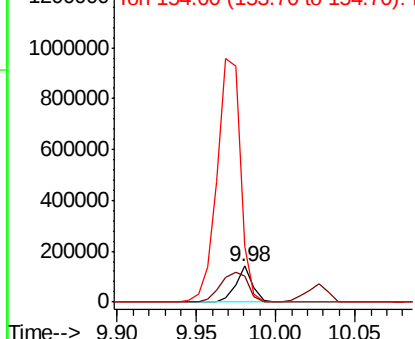
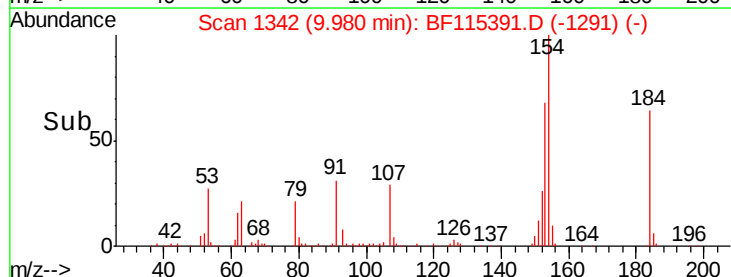


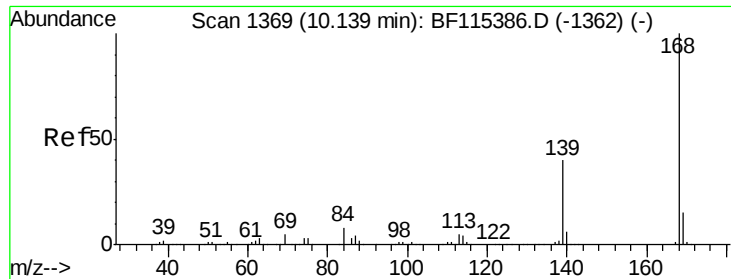
#54
2,4-Dinitrophenol
Concen: 41.390 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:184 Resp: 102762
Ion Ratio Lower Upper
184 100
63 70.7 52.1 78.1
154 155.4 97.7 146.5#



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

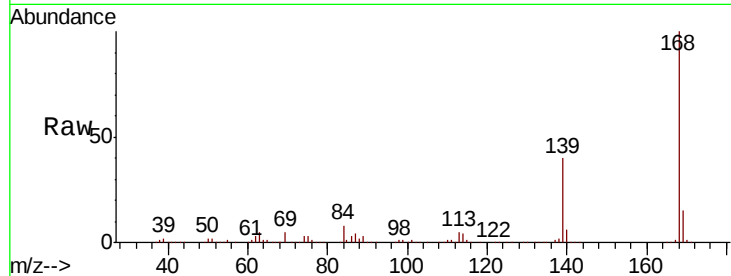




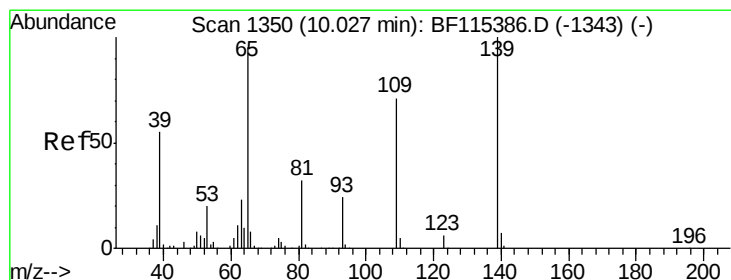
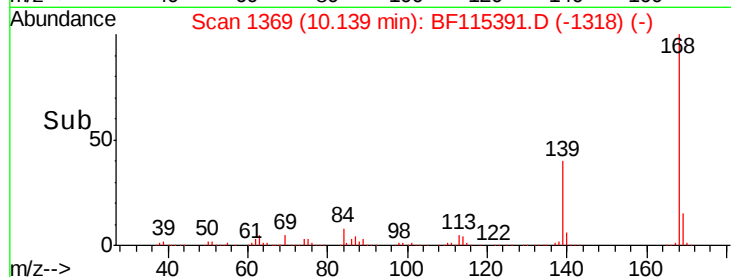
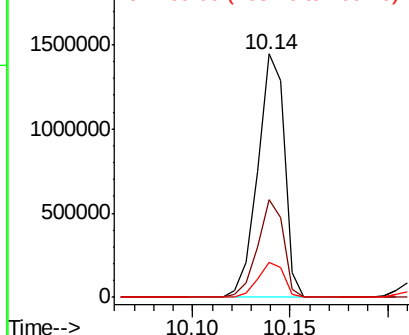
#55
Dibenzofuran
Concen: 38.808 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:168 Resp: 1372468
Ion Ratio Lower Upper
168 100
139 40.2 32.2 48.2
169 14.6 11.7 17.5

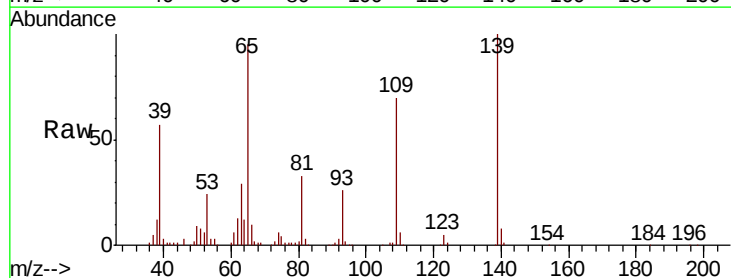


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

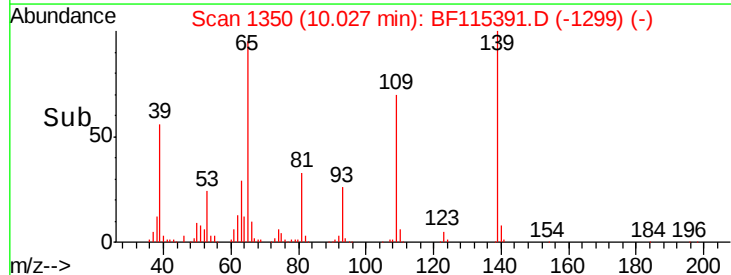
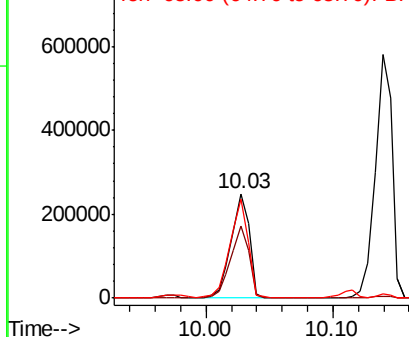


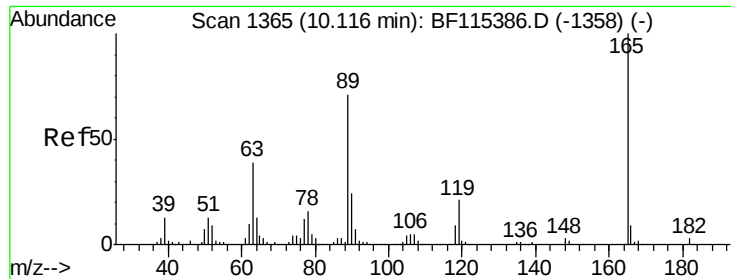
#56
4-Nitrophenol
Concen: 41.892 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:139 Resp: 248486
Ion Ratio Lower Upper
139 100
109 69.8 51.1 91.1
65 94.8 75.2 115.2



Abundance Ion 139.00 (138.70 to 139.70): E
800000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

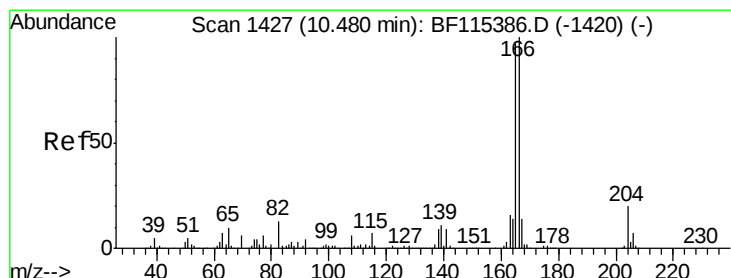
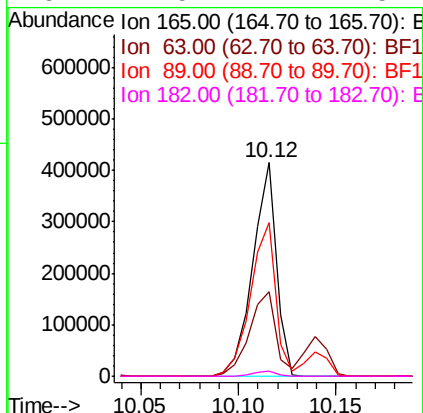
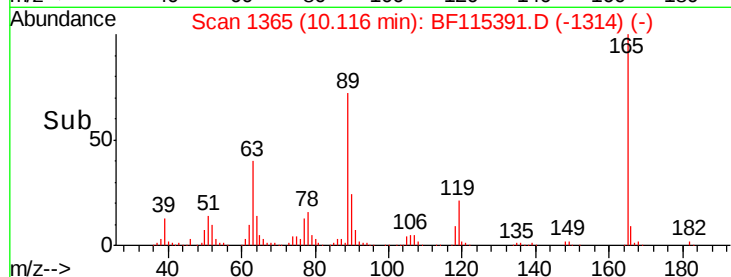
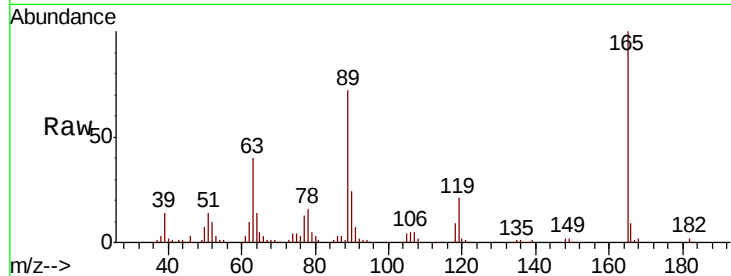




#57
2,4-Dinitrotoluene
Concen: 41.746 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

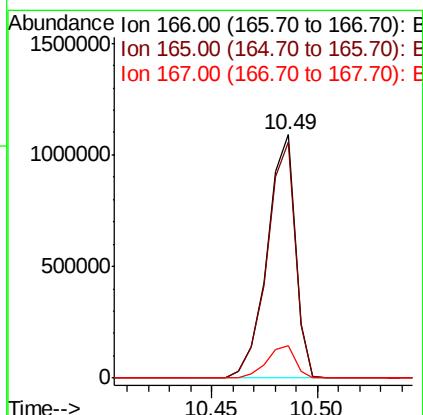
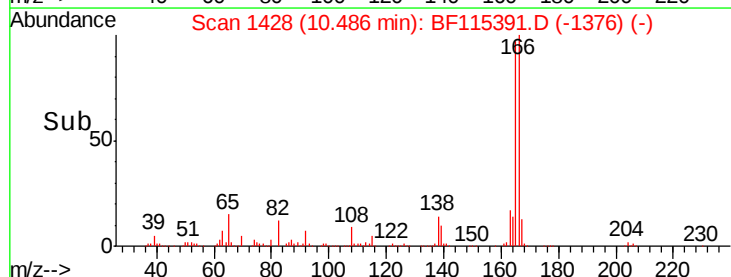
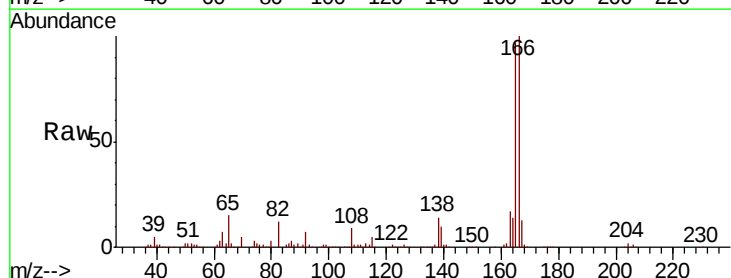
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

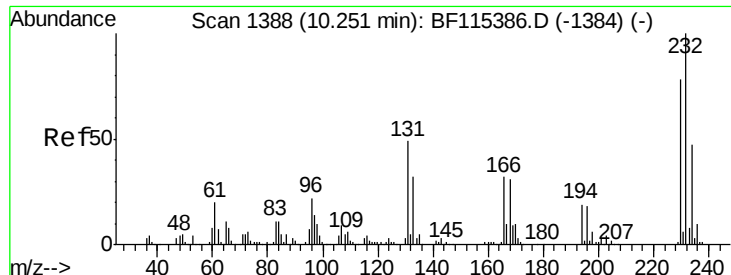
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	39.7	31.4	47.0	
89	71.7	57.1	85.7	
182	2.5	2.2	3.2	



#58
Fluorene
Concen: 36.280 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	96.8	77.8	116.6	
167	13.4	11.0	16.6	

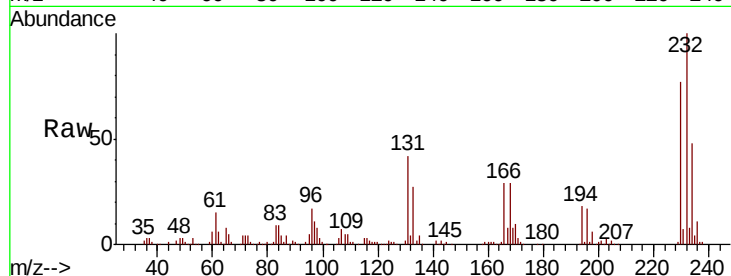




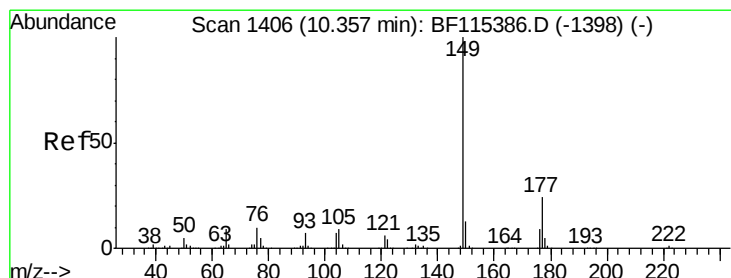
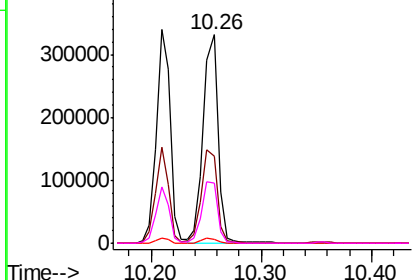
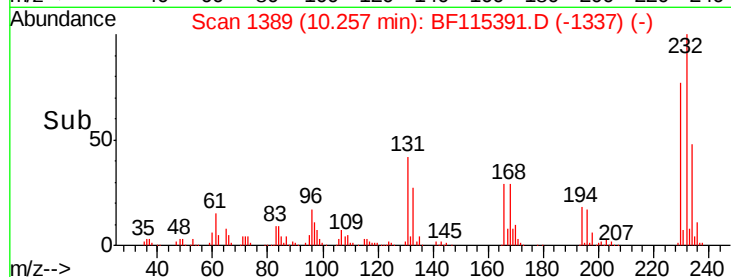
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.700 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:232 Resp: 302028
Ion Ratio Lower Upper
232 100
131 47.3 36.6 55.0
130 2.4 1.8 2.8
166 31.4 24.6 36.8

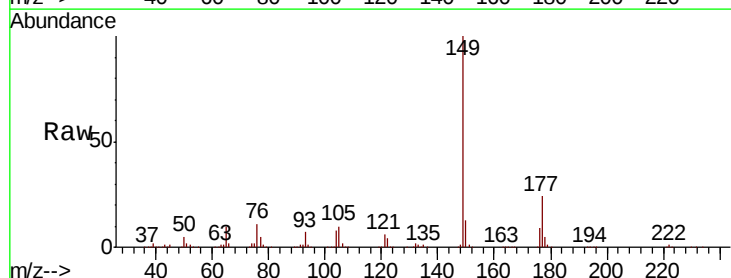


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

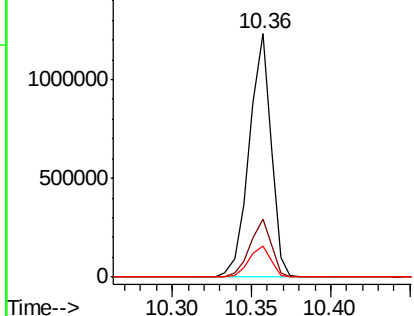
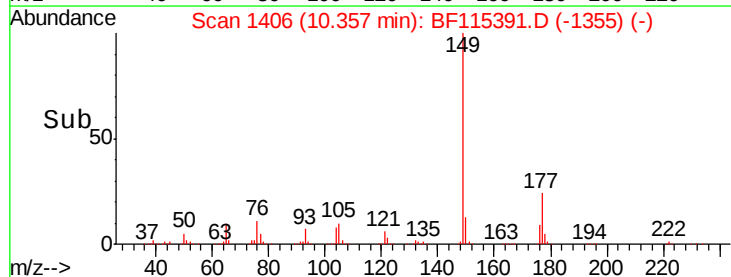


#60
Diethylphthalate
Concen: 39.168 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:149 Resp: 1173398
Ion Ratio Lower Upper
149 100
177 23.7 18.8 28.2
150 13.0 10.2 15.2



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

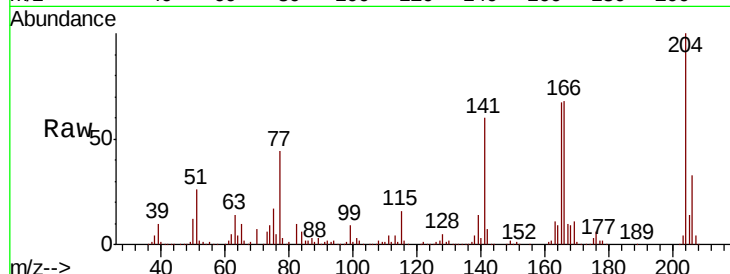




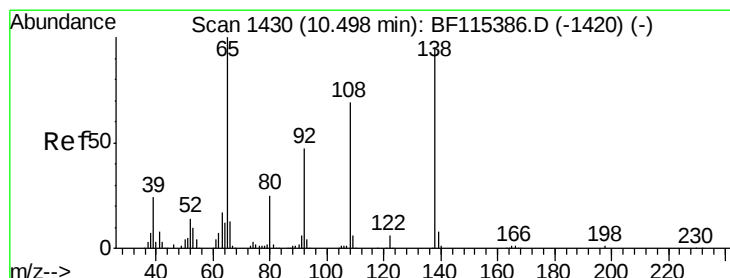
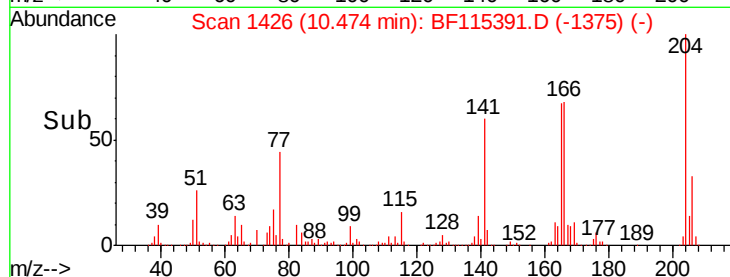
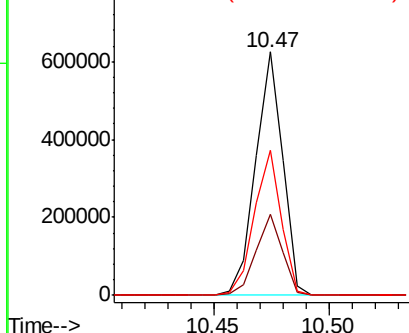
#61
4-Chlorophenyl-phenylether
Concen: 37.779 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:204 Resp: 514051
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 59.6 45.8 68.6

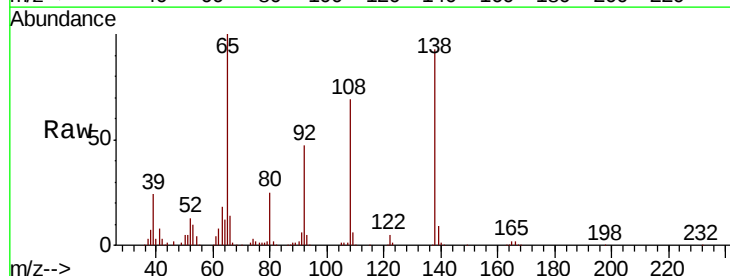


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

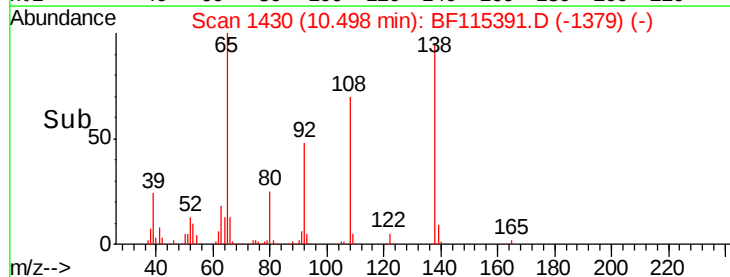
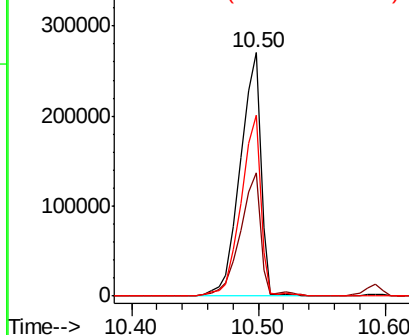


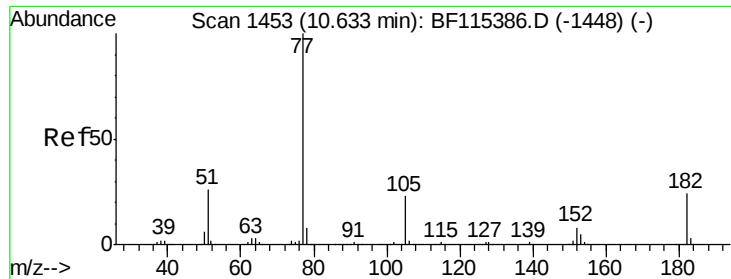
#62
4-Nitroaniline
Concen: 40.236 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:138 Resp: 302791
Ion Ratio Lower Upper
138 100
92 50.4 29.3 69.3
108 74.1 53.2 93.2



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



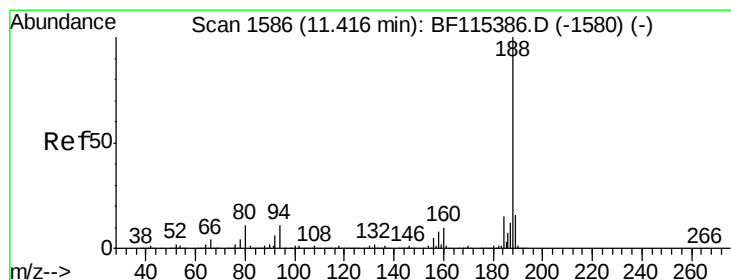
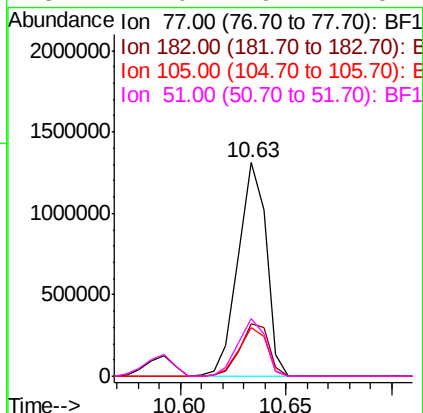
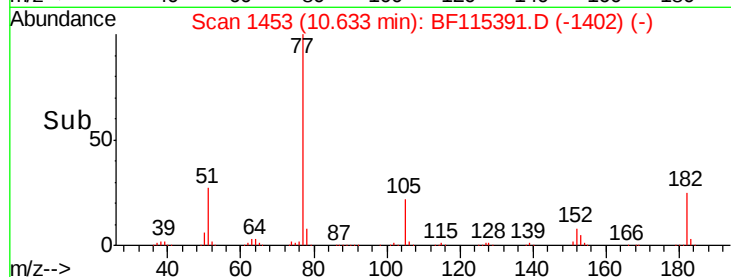
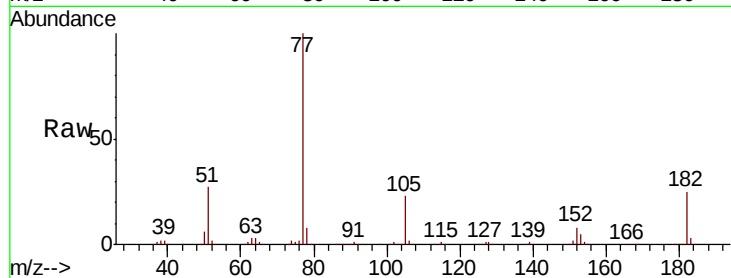


#63
Azobenzene
Concen: 39.212 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion: 77 Resp: 1210932

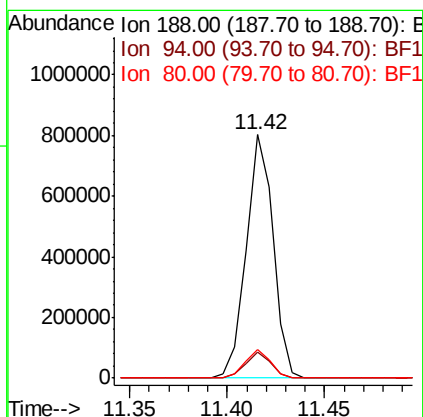
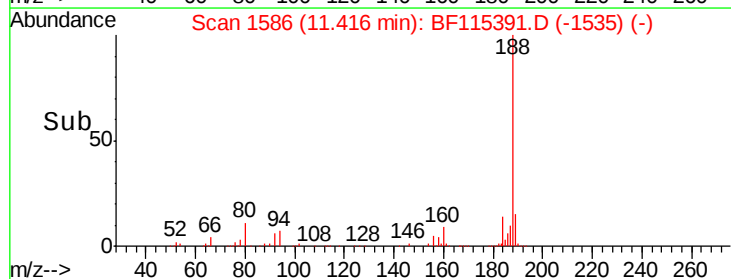
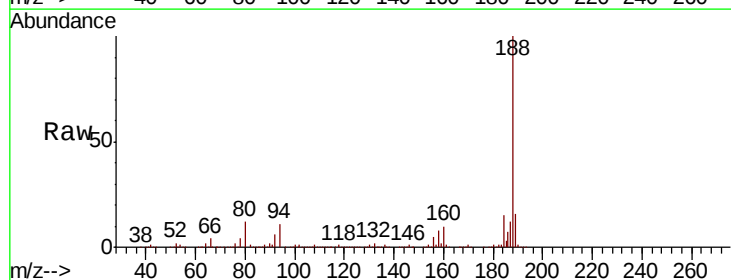
Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.1	44.1
105	22.6	2.6	42.6
51	27.0	6.4	46.4

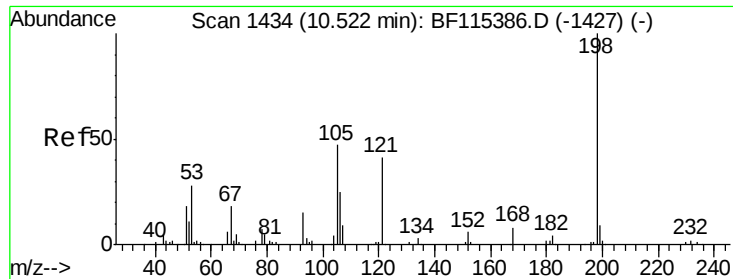


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion: 188 Resp: 764404

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.7	9.1	13.7

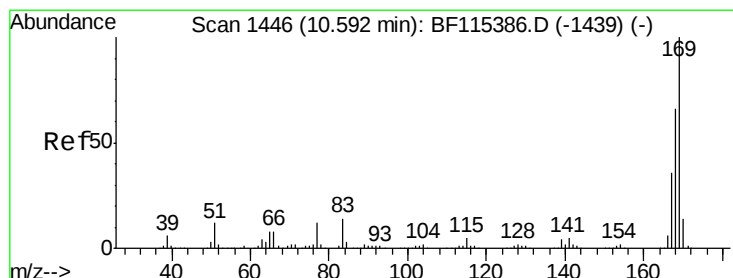
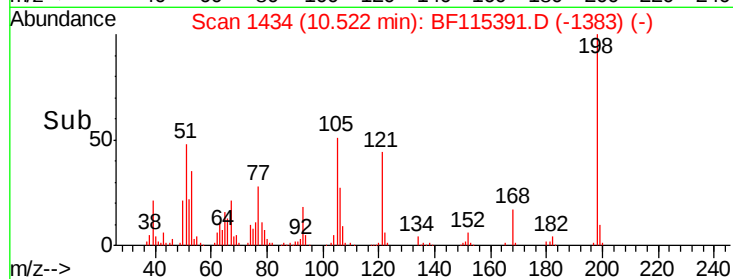
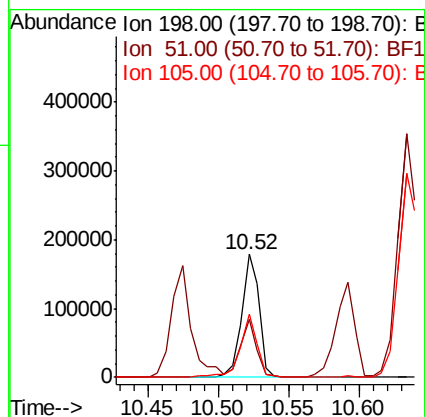
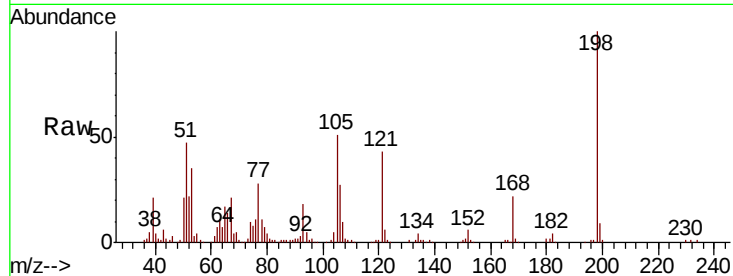




#65
4,6-Dinitro-2-methylphenol
Concen: 42.517 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

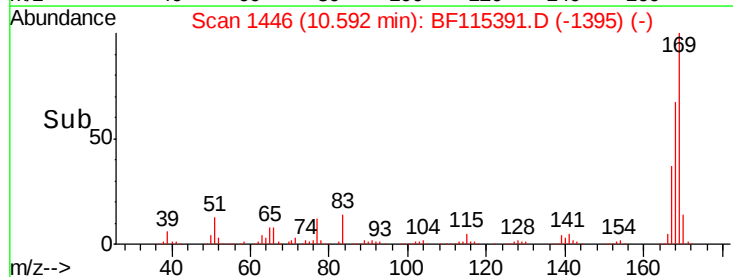
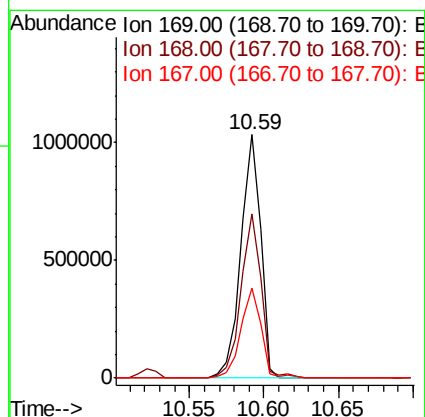
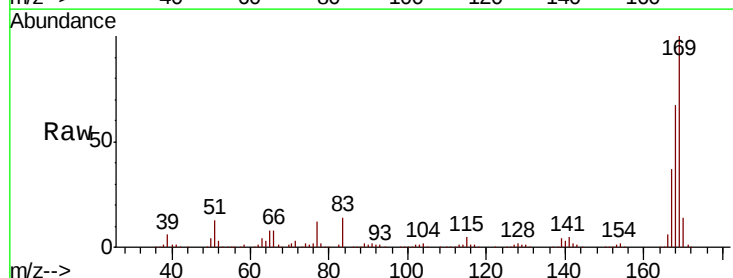
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

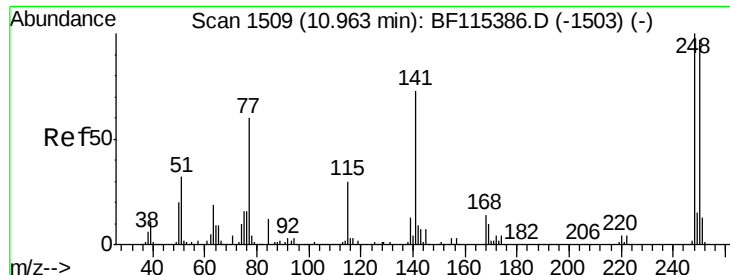
Tot Ion:198 Resp: 151706
Ion Ratio Lower Upper
198 100
51 47.5 25.4 65.4
105 50.9 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 40.056 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:169 Resp: 964754
Ion Ratio Lower Upper
169 100
168 67.4 52.6 79.0
167 37.2 29.2 43.8

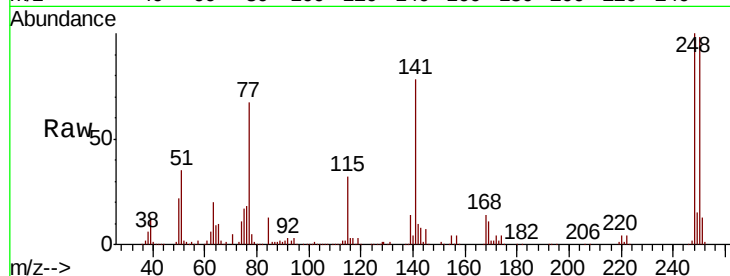




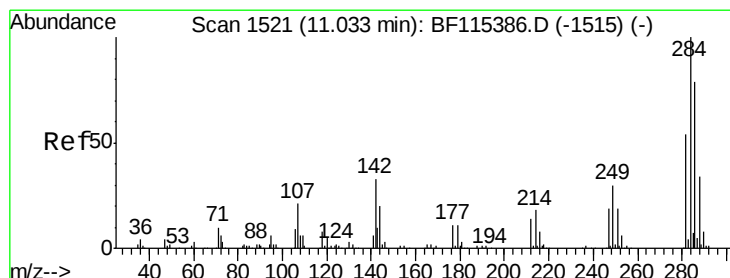
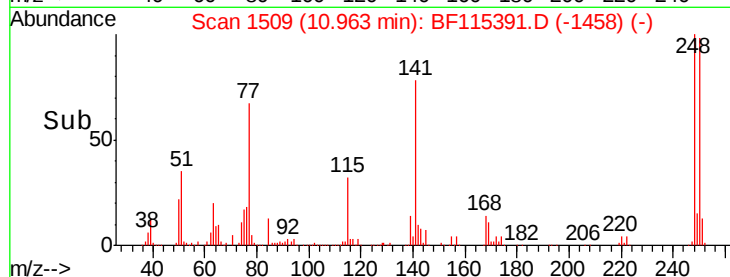
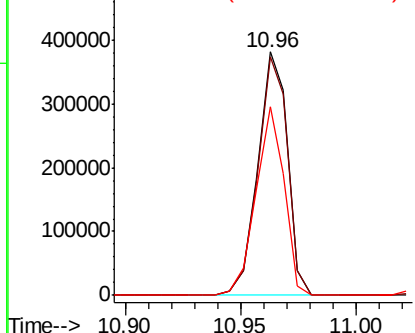
#67
4-Bromophenyl-phenylether
Concen: 39.989 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:248 Resp: 342990
Ion Ratio Lower Upper
248 100
250 98.0 77.3 115.9
141 77.7 58.5 87.7

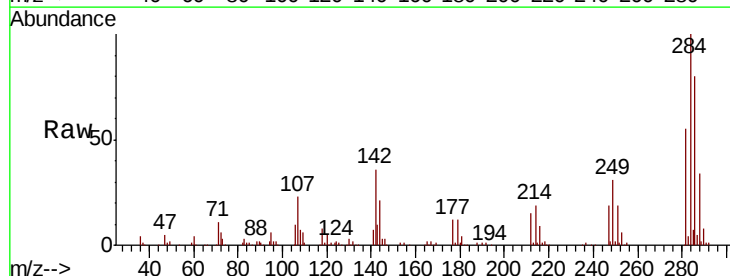


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

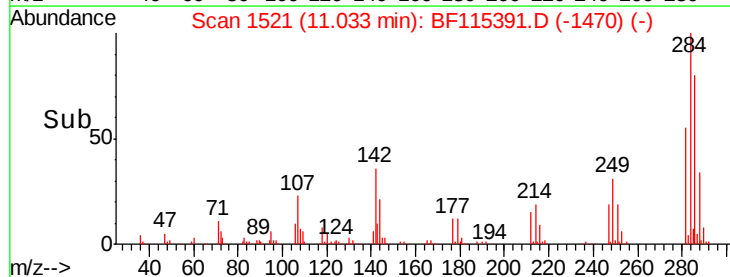
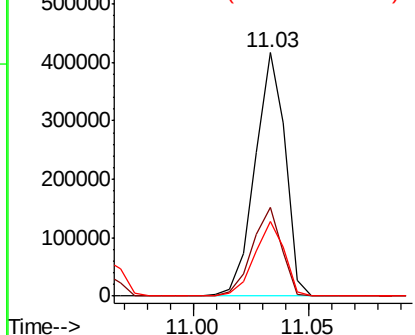


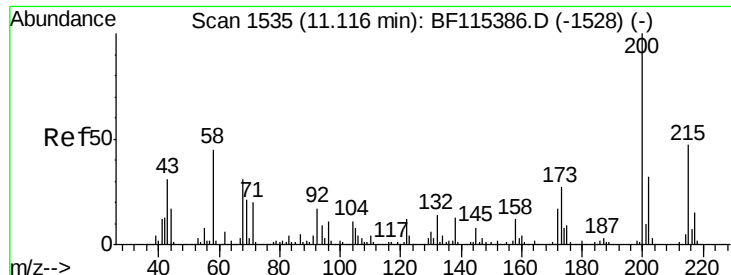
#68
Hexachlorobenzene
Concen: 39.433 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:284 Resp: 379528
Ion Ratio Lower Upper
284 100
142 36.3 26.5 39.7
249 30.9 24.2 36.2



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

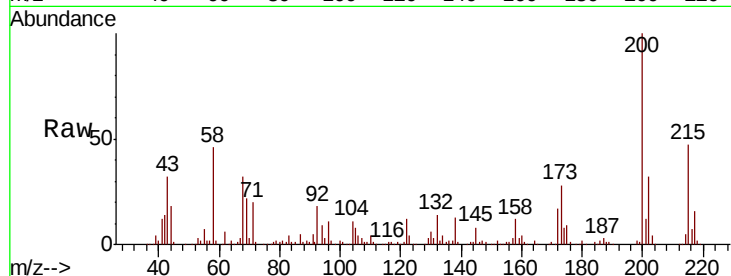




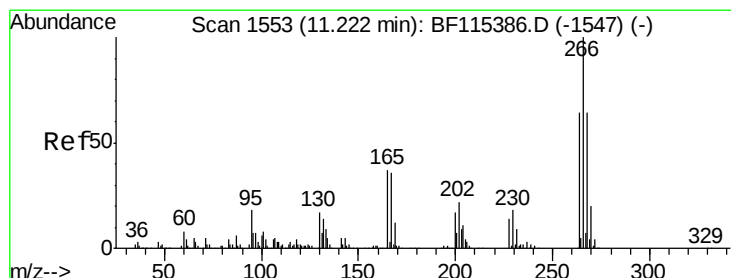
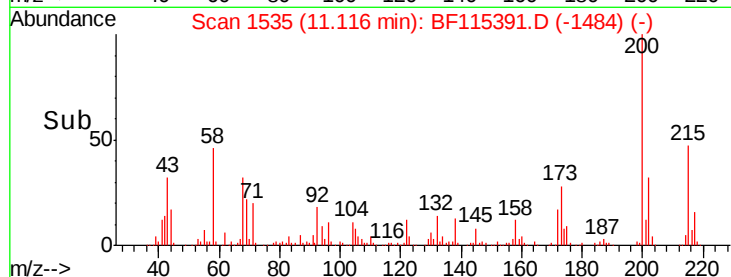
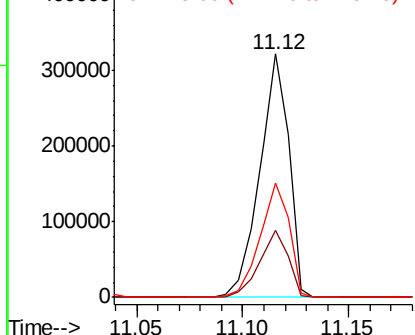
#69
Atrazine
Concen: 41.246 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.1	47.1
215	46.8	27.5	67.5

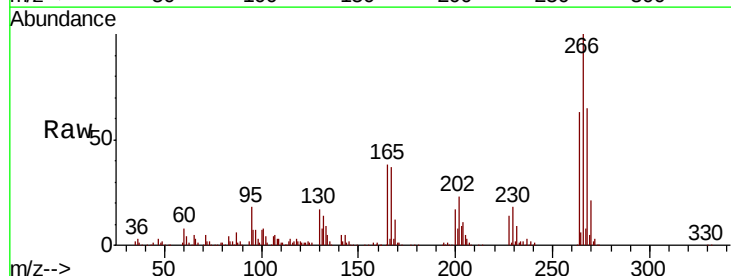


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

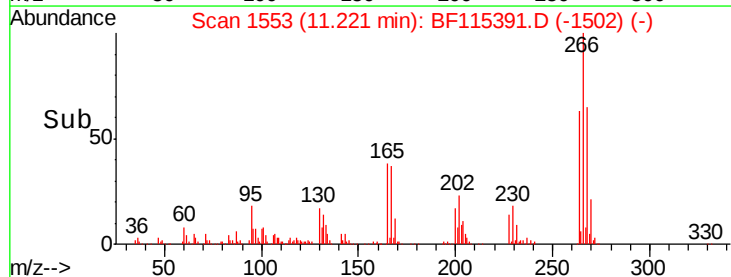
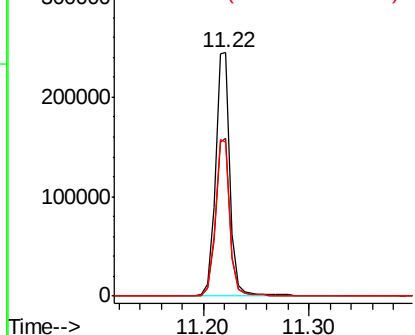


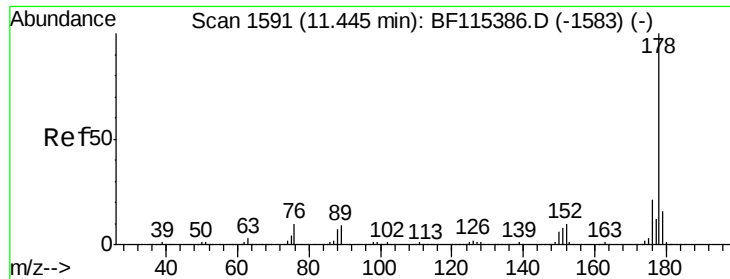
#70
Pentachlorophenol
Concen: 41.255 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.3	76.9
264	63.0	51.6	77.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

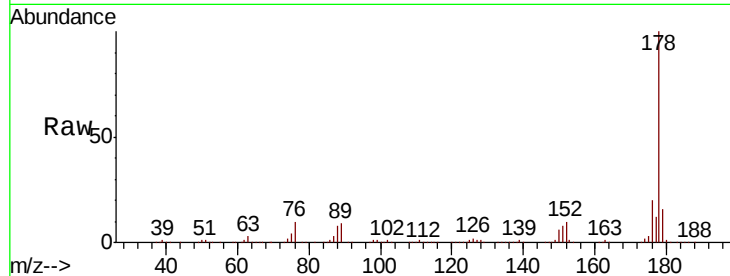




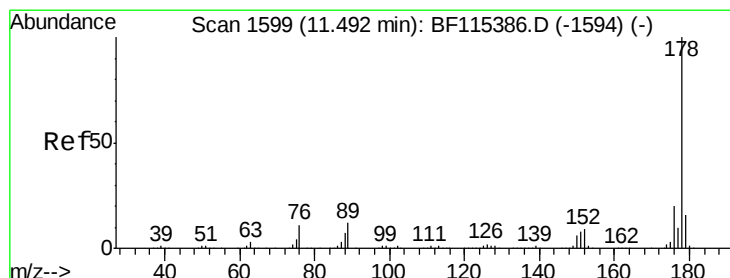
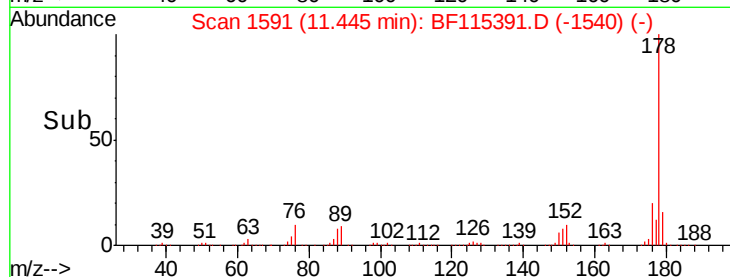
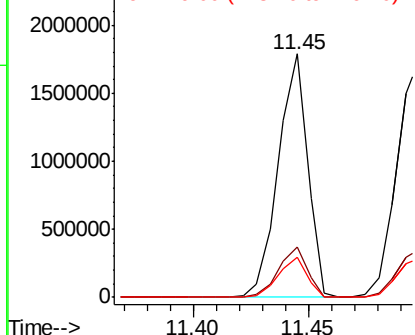
#71
Phenanthrene
Concen: 39.331 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:178 Resp: 1581180
Ion Ratio Lower Upper
178 100
176 20.5 16.6 25.0
179 16.3 13.0 19.6

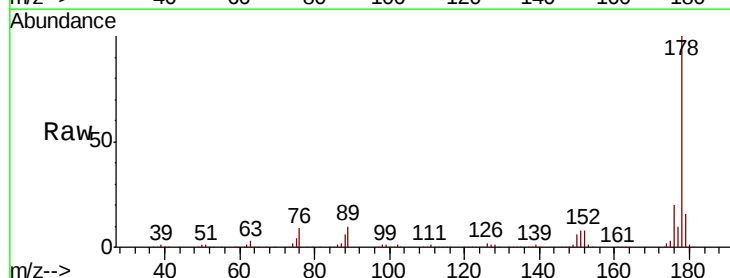


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

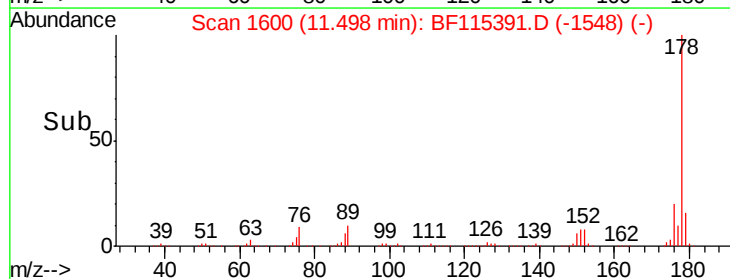
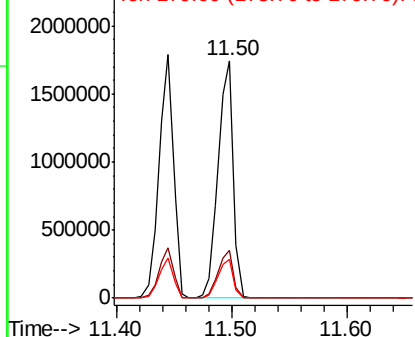


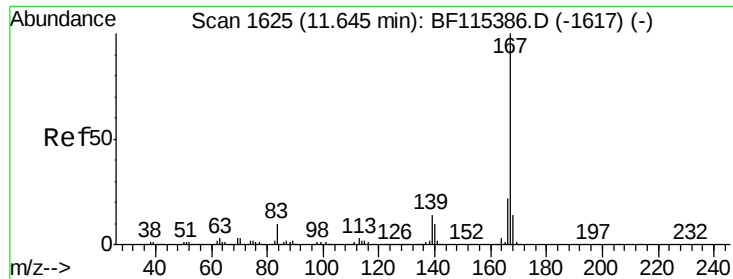
#72
Anthracene
Concen: 39.491 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:178 Resp: 1592013
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.1 13.1 19.7



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

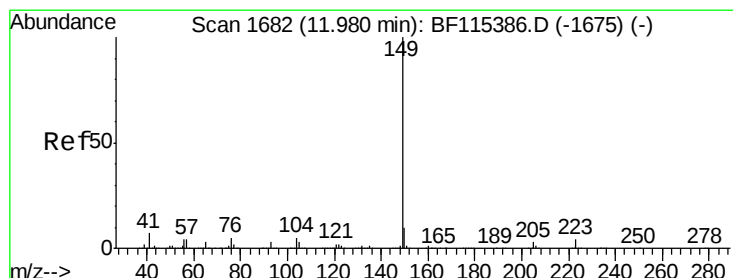
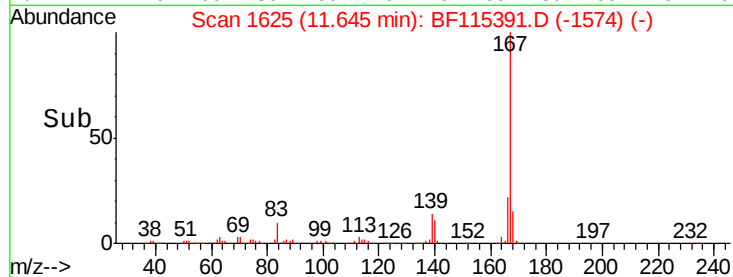
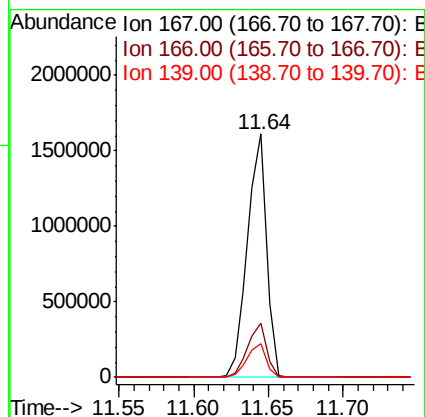
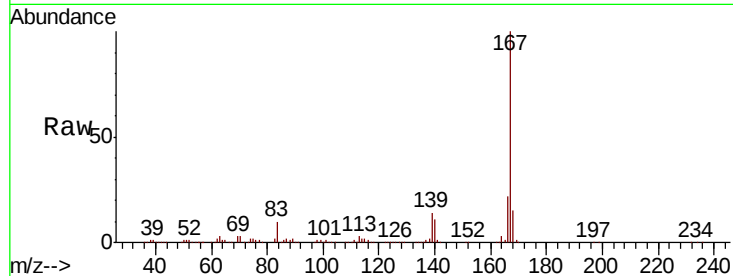




#73
 Carbazole
 Concen: 39.132 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

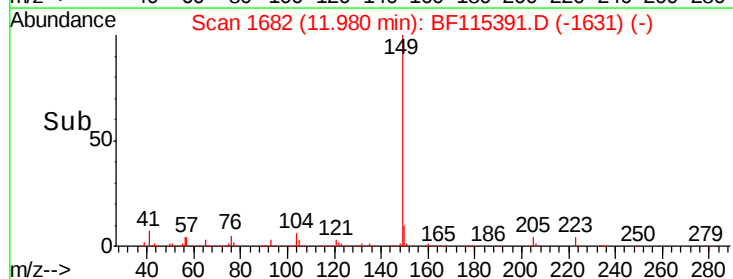
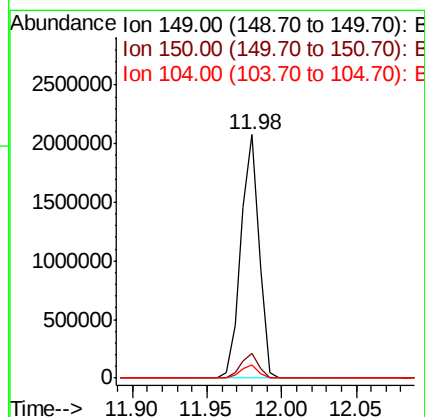
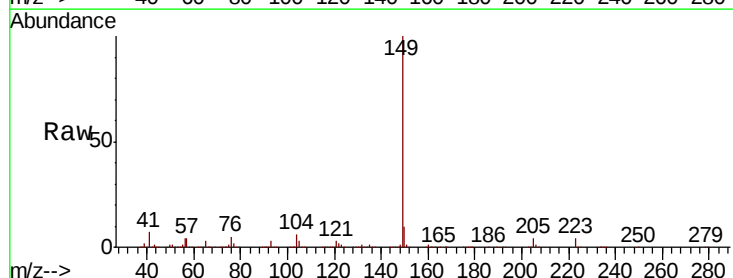
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

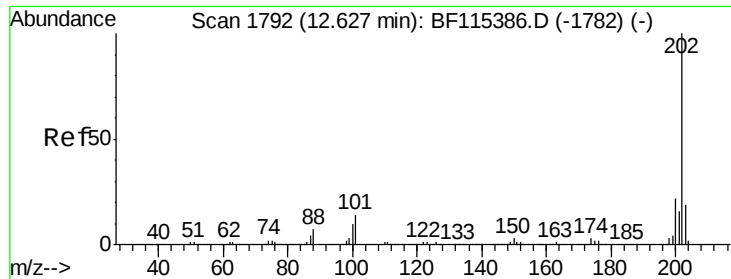
Tot Ion:167 Resp: 1443198
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 13.9 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 39.716 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

Tgt Ion:149 Resp: 1770232
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.0 12.0
 104 5.6 4.4 6.6

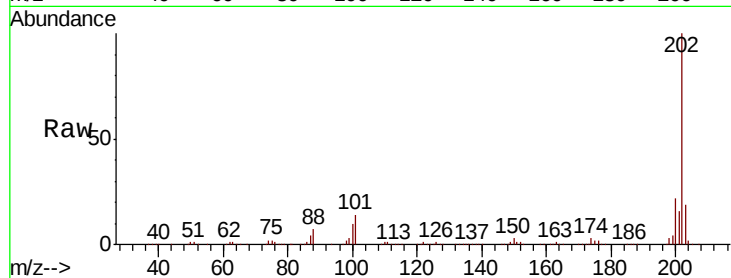




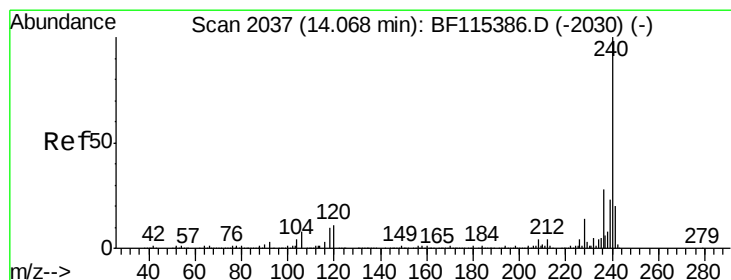
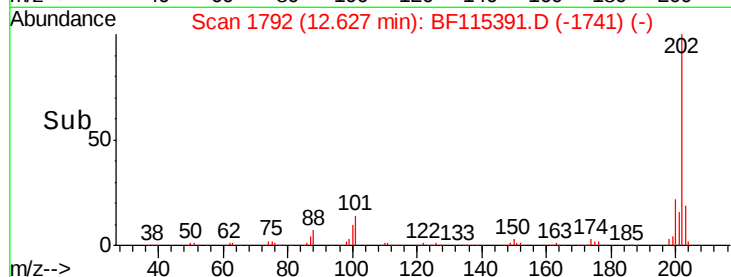
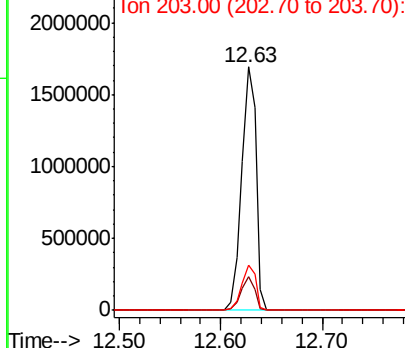
#75
Fluoranthene
Concen: 39.528 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:202 Resp: 1673173
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.0
203 18.6 0.0 38.5

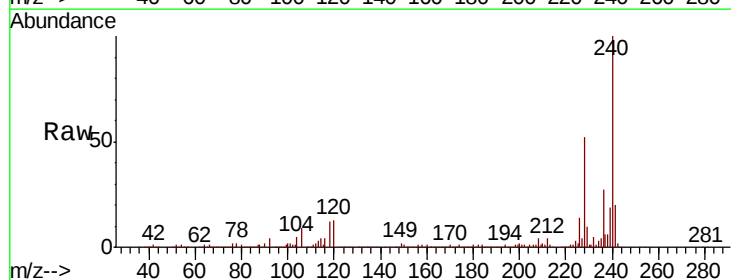


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

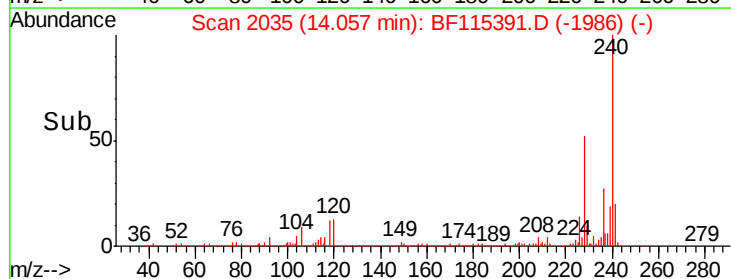
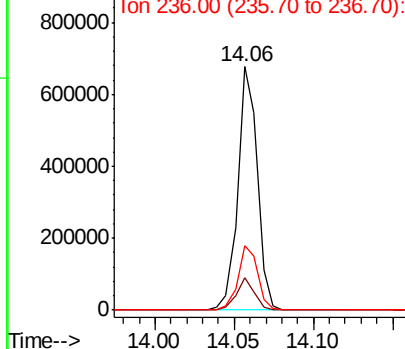


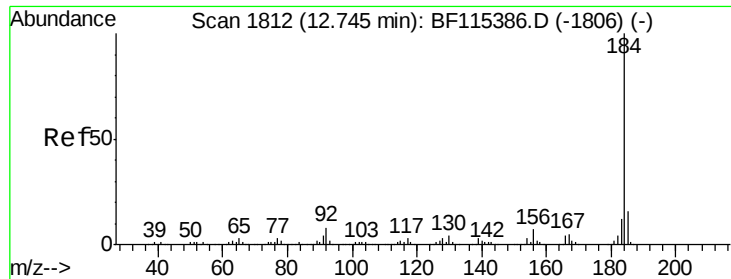
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:240 Resp: 576725
Ion Ratio Lower Upper
240 100
120 13.4 9.1 13.7
236 26.6 22.5 33.7



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





#77

Benzidine

Concen: 37.196 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

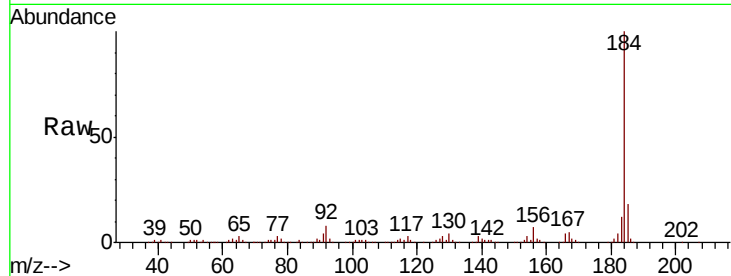
Tot Ion:184 Resp: 836551

Ion Ratio Lower Upper

184 100

185 18.0 12.6 18.8

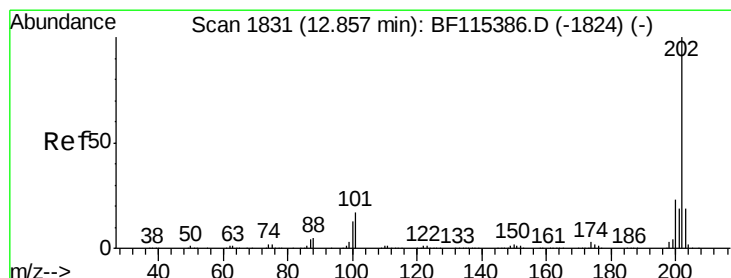
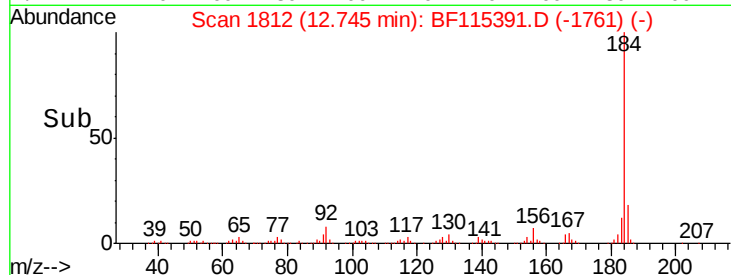
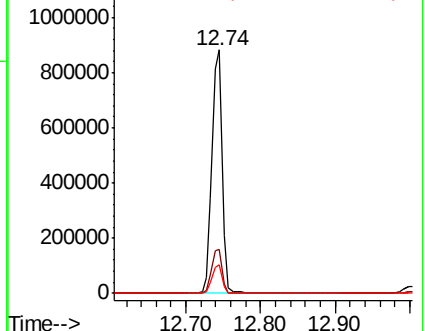
183 11.9 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.277 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

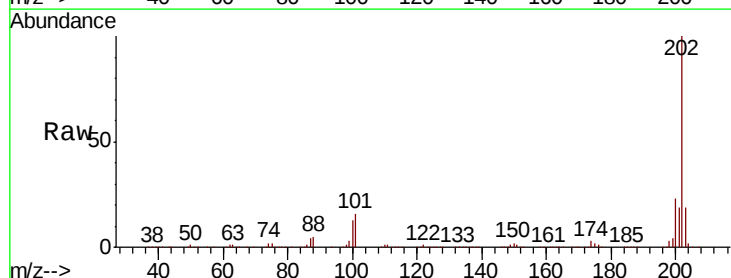
Tgt Ion:202 Resp: 1716668

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.4

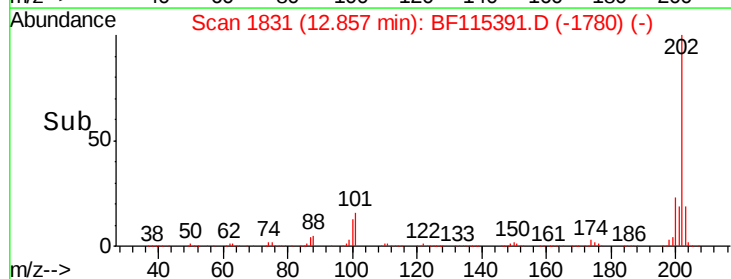
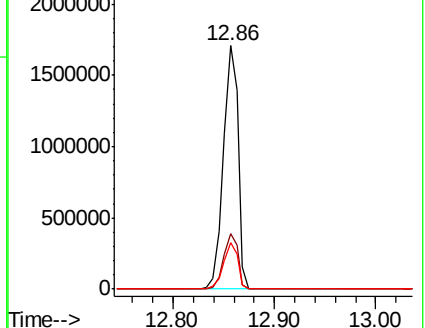
203 18.9 14.8 22.2

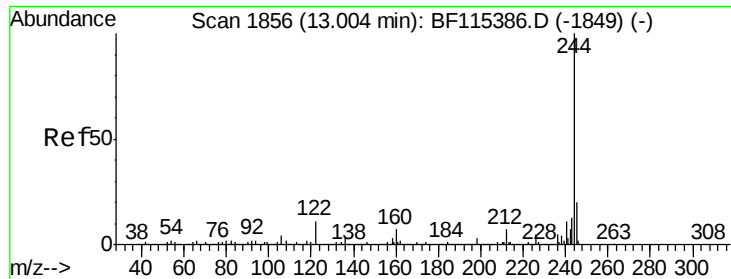


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.555 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

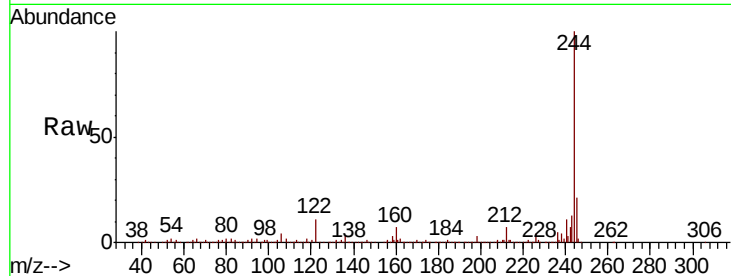
Tot Ion:244 Resp: 2100001

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

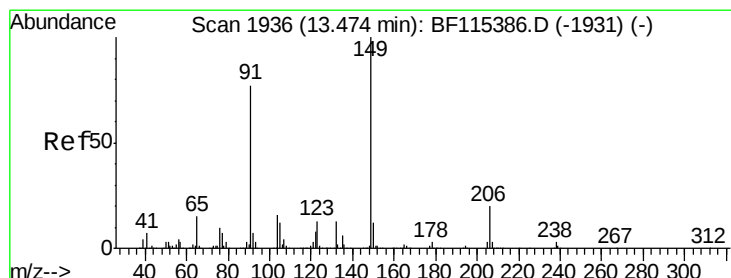
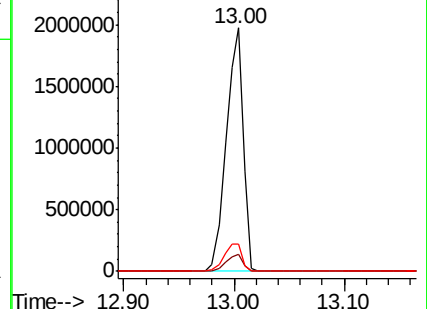
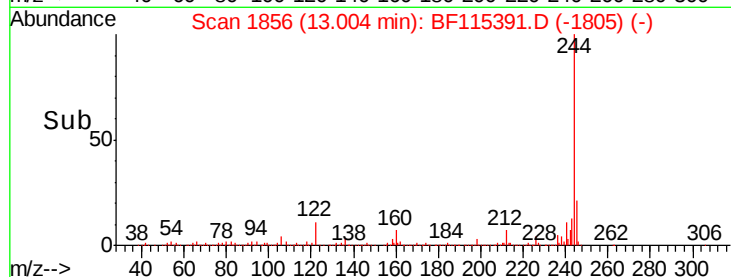
122 11.4 9.1 13.7



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: 40.046 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

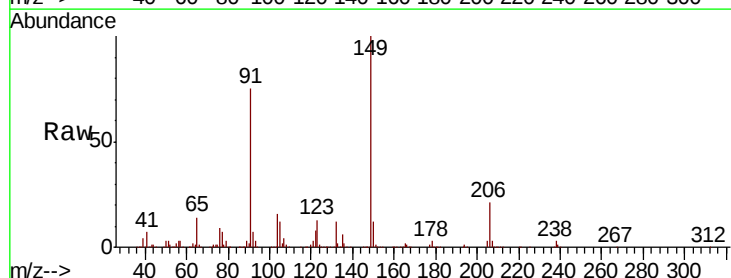
Tgt Ion:149 Resp: 784710

Ion Ratio Lower Upper

149 100

91 75.3 61.4 92.0

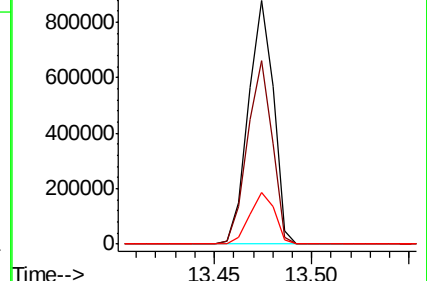
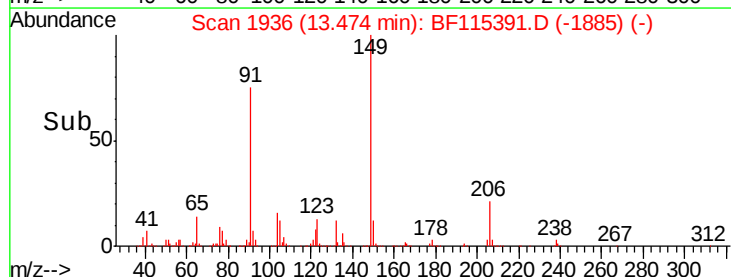
206 21.2 16.1 24.1

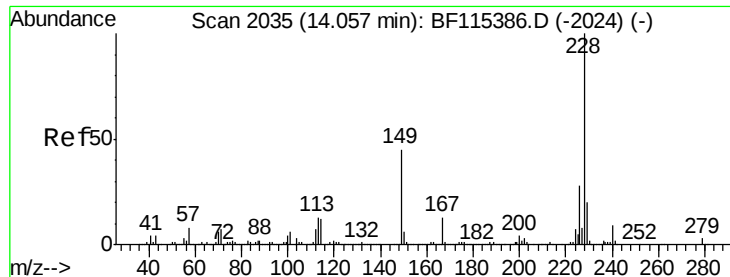


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.760 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

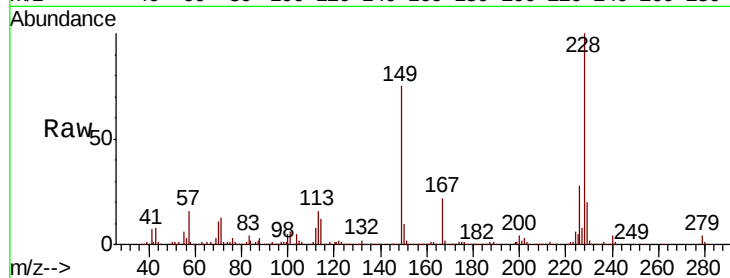
Tot Ion:228 Resp: 1432293

Ion Ratio Lower Upper

228 100

226 27.8 22.7 34.1

229 20.0 16.3 24.5

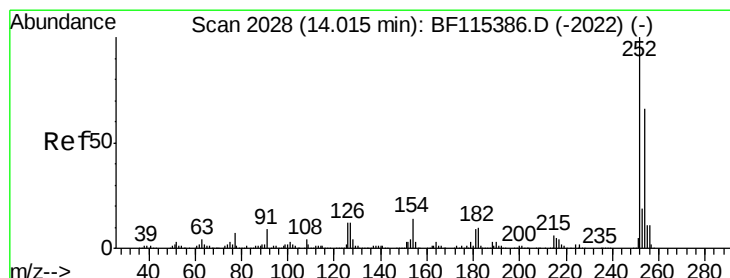
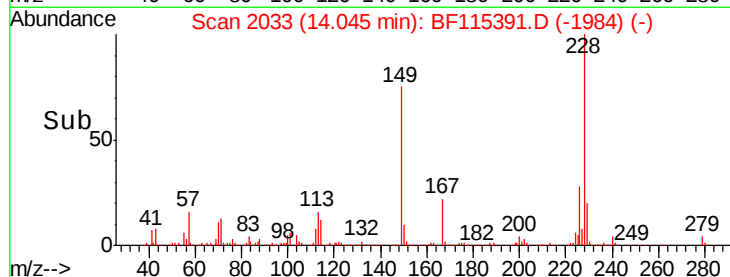
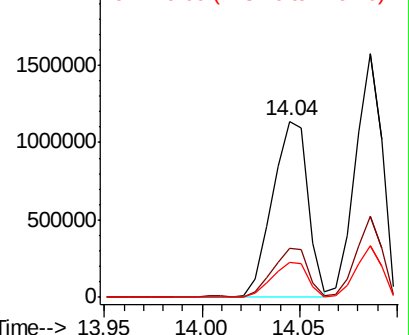


Abundance

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: 40.564 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115391.D

Acq: 5 Jul 2019 13:15

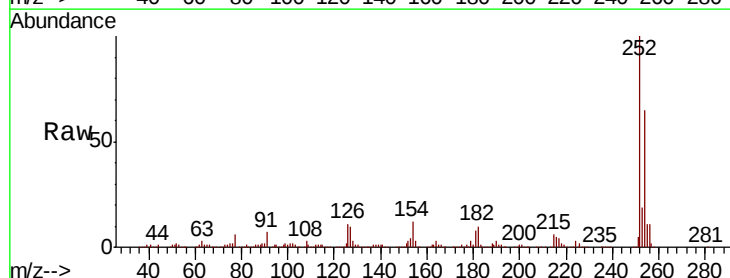
Tgt Ion:252 Resp: 543903

Ion Ratio Lower Upper

252 100

254 65.3 53.0 79.4

126 11.0 9.8 14.8

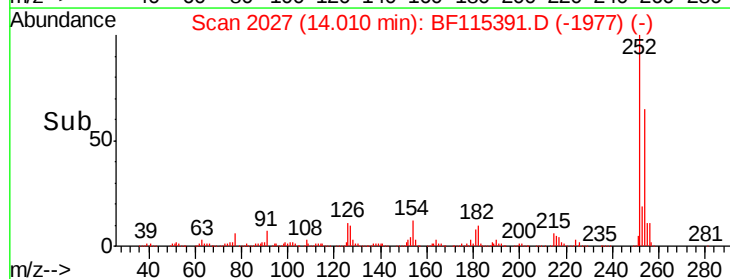
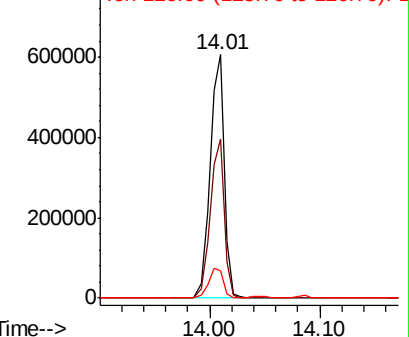


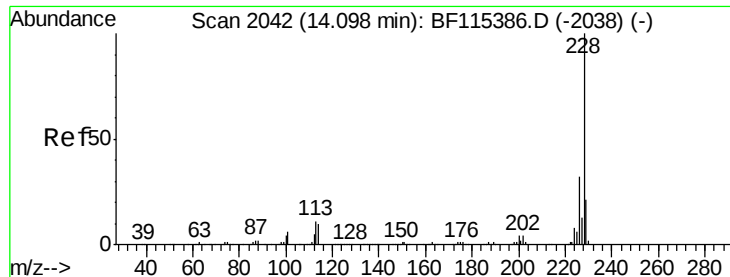
Abundance

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

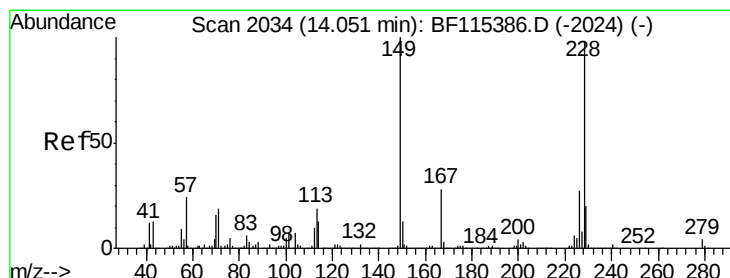
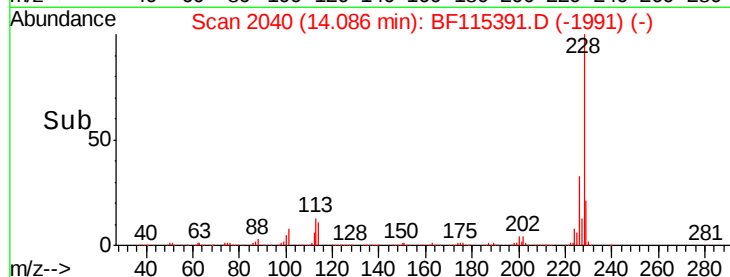
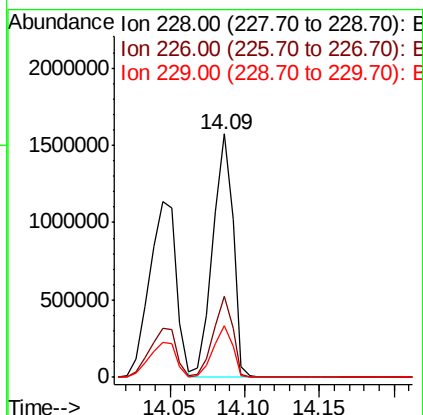
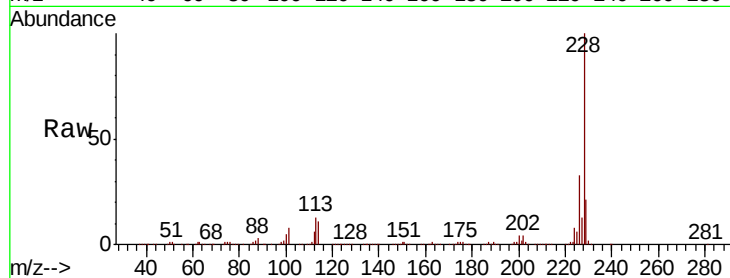




#83
 Chrvsene
 Concen: 39.050 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

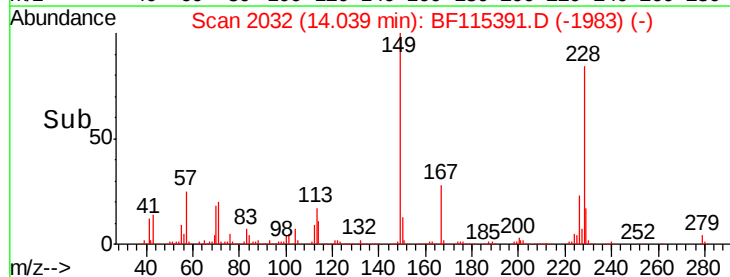
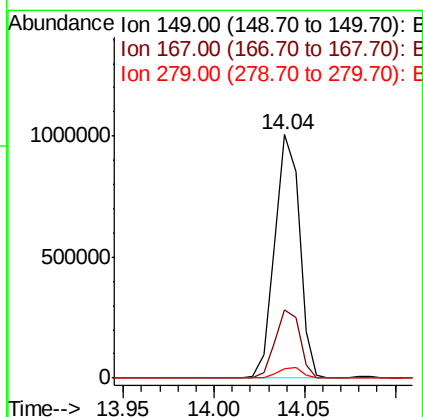
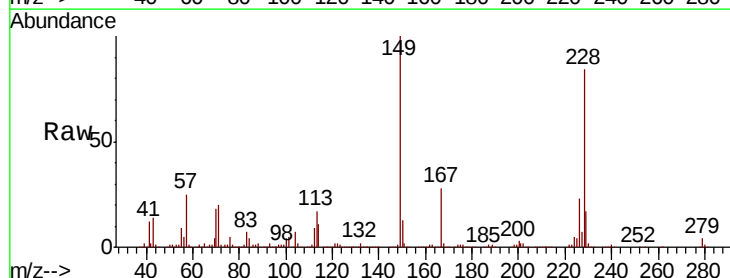
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

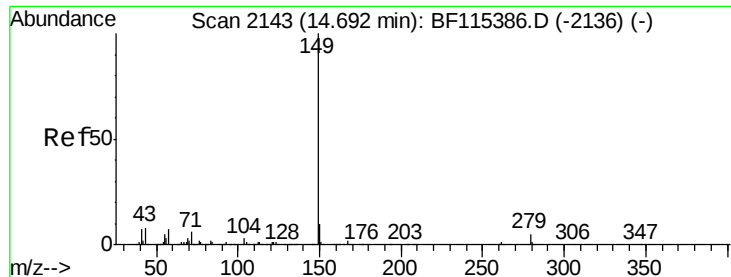
Tot Ion:228 Resp: 1482670
 Ion Ratio Lower Upper
 228 100
 226 33.1 25.7 38.5
 229 21.0 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.507 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

Tgt Ion:149 Resp: 958728
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.3 33.5
 279 4.1 3.4 5.2

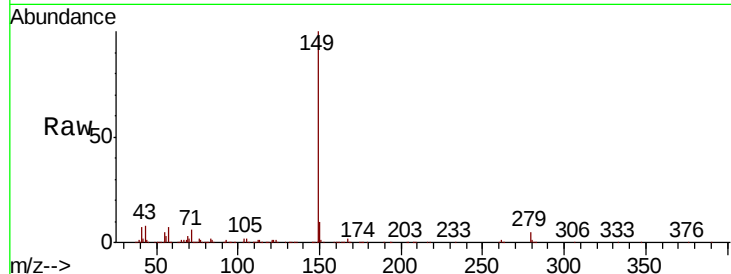




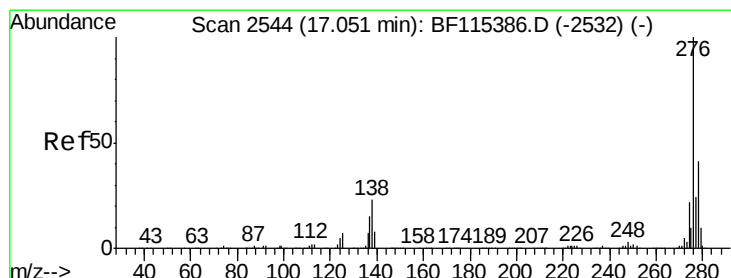
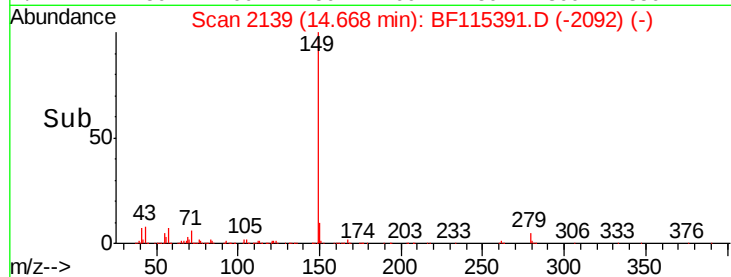
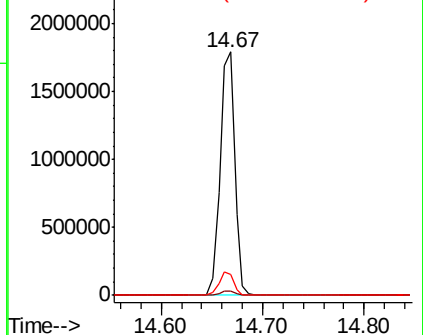
#85
Di-n-octyl phthalate
Concen: 41.559 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:149 Resp: 1795394
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.6 11.4

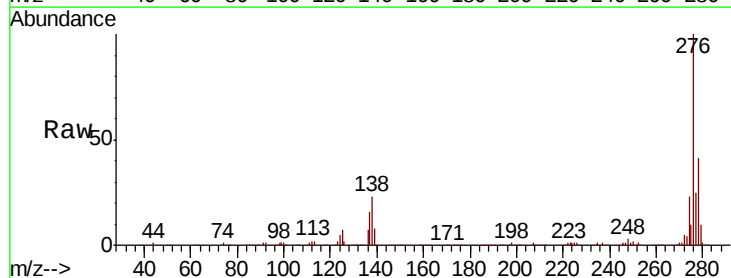


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

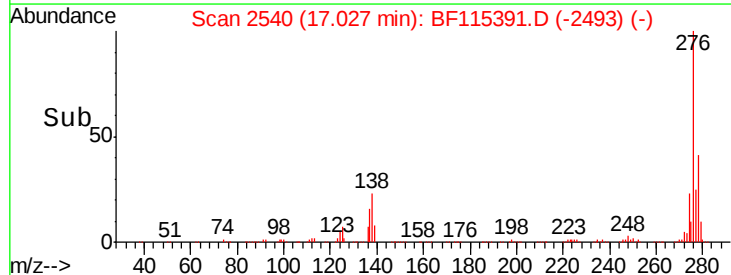
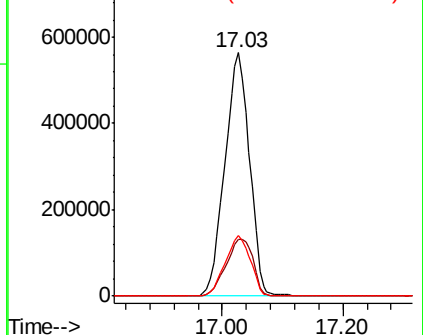


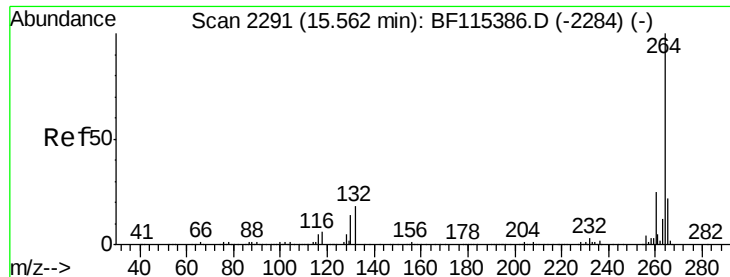
#86
Indeno(1,2,3-cd)pyrene
Concen: 52.393 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:276 Resp: 1599147
Ion Ratio Lower Upper
276 100
138 25.7 0.0 0.0#
277 25.4 0.0 0.0#



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

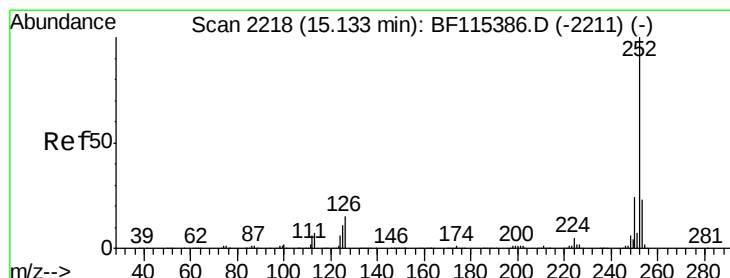
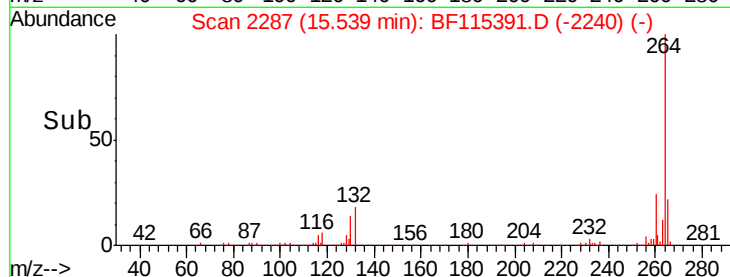
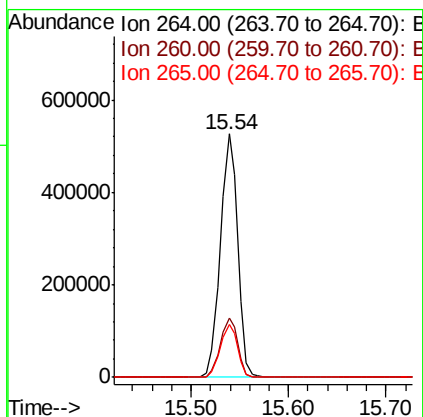
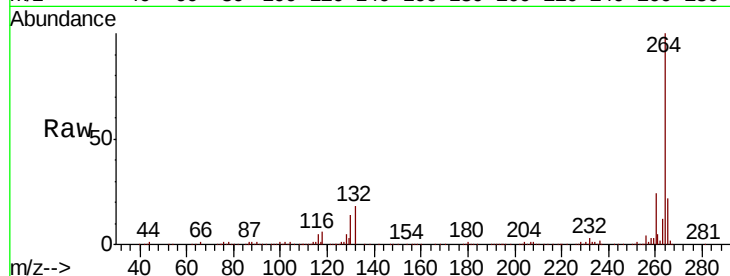




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.02 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

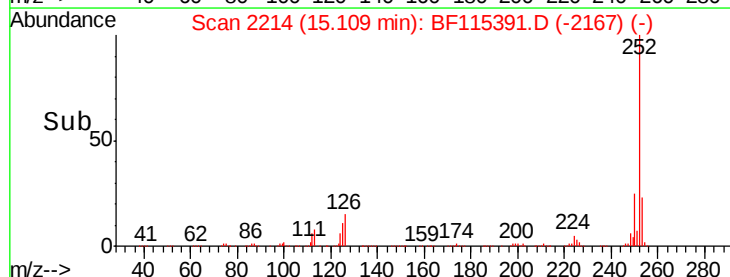
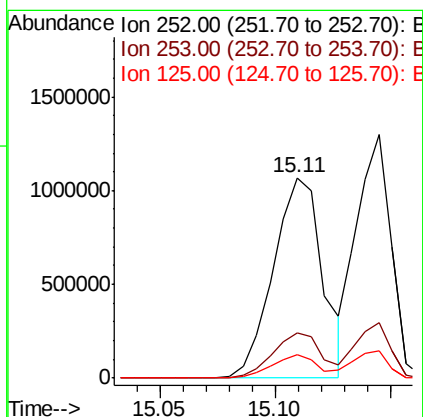
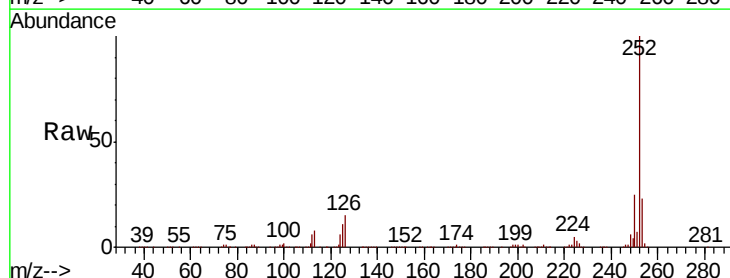
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

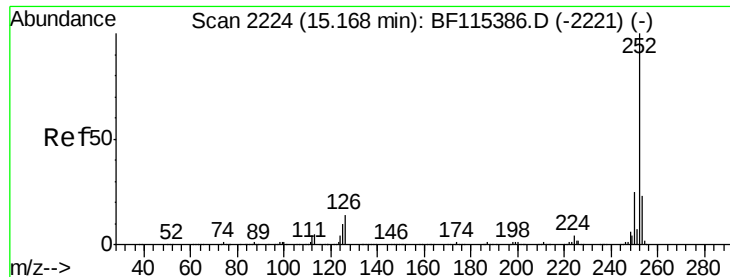
Tot Ion:264 Resp: 645990
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.9 29.9
 265 21.7 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 37.727 ng
 RT: 15.11 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 13:15

Tgt Ion:252 Resp: 1586782
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.1 27.1
 125 11.5 9.0 13.6

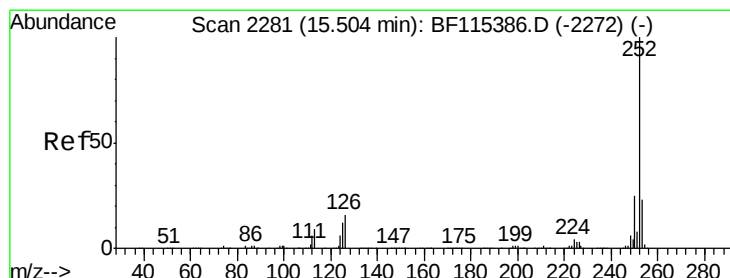
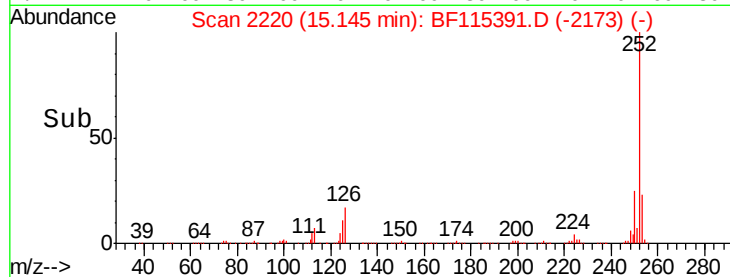
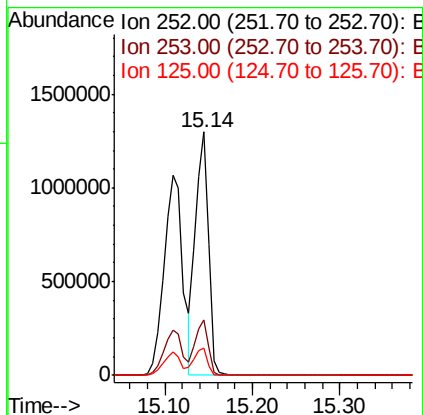
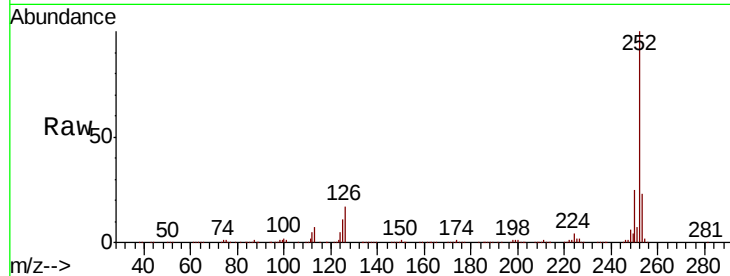




#89
Benzo(k)fluoranthene
Concen: 36.276 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

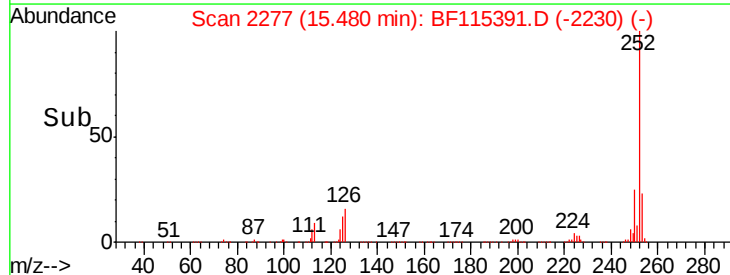
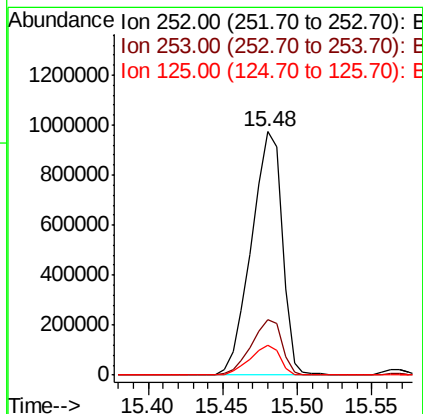
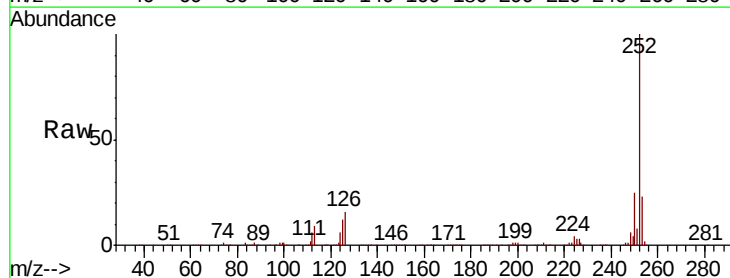
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

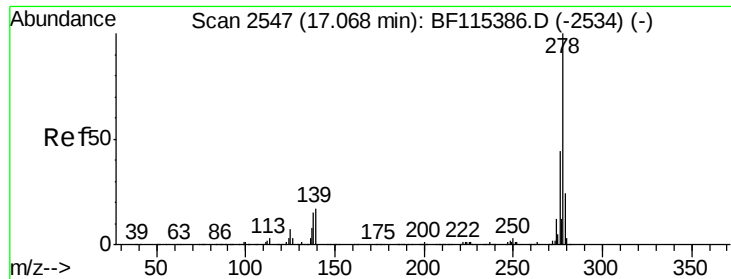
Tot Ion:252 Resp: 1356900
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 11.1 8.3 12.5



#90
Benzo(a)pyrene
Concen: 38.340 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:252 Resp: 1390863
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.5 10.0 15.0

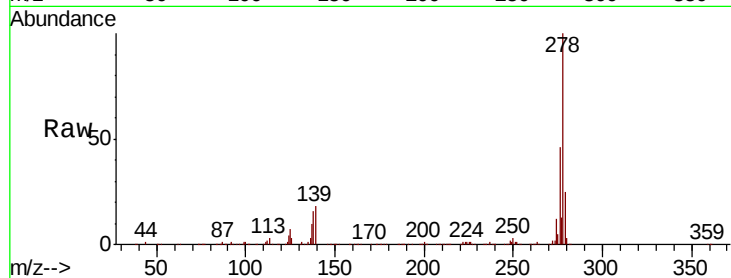




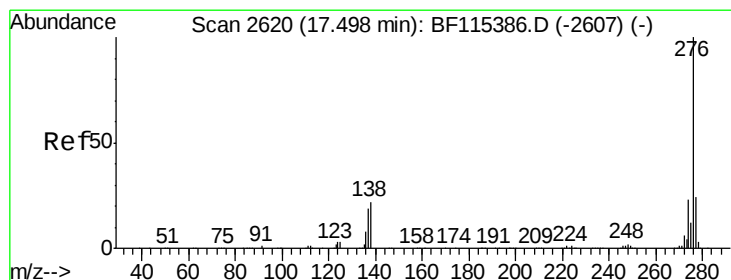
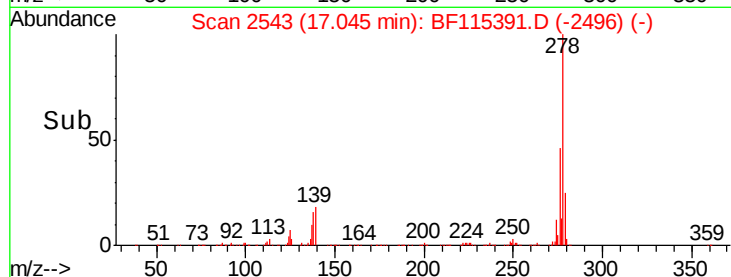
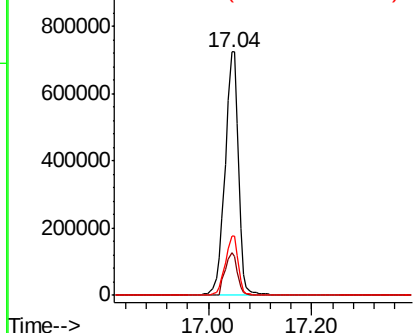
#91
Dibenzo(a,h)anthracene
Concen: 42.488 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:278 Resp: 1317105
Ion Ratio Lower Upper
278 100
139 17.7 13.4 20.2
279 24.6 19.4 29.0

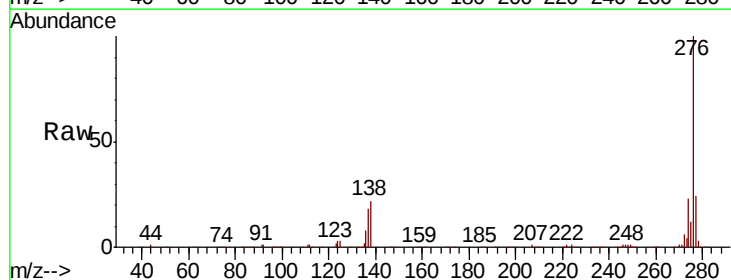


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.607 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF115391.D
Acq: 5 Jul 2019 13:15

Tgt Ion:276 Resp: 1250162
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.2
138 22.0 17.8 26.6



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

