

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116476.D
 Acq On : 23 Aug 2019 14:15
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

Quant Time: Aug 23 16:21:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	94542	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	367506	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	198474	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	328158	20.00	ng	0.00
76) Chrysene-d12	14.03	240	214219	20.00	ng	0.00
87) Perylene-d12	15.50	264	187384	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	466000	72.02	ng	0.00
7) Phenol-d6	6.50	99	621484	78.34	ng	0.00
23) Nitrobenzene-d5	7.44	82	573533	85.38	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	125219	73.47	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	947168	76.85	ng	0.00
79) Terphenyl-d14	12.98	244	980778	85.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.66	88	107053	38.213	ng	97
3) Pyridine	3.42	79	325441	38.146	ng	99
4) n-Nitrosodimethylamine	3.36	42	133405	42.835	ng	94
6) Aniline	6.55	93	415181	38.654	ng	97
8) 2-Chlorophenol	6.67	128	247511	36.452	ng	98
9) Benzaldehyde	6.43	77	221451	41.776	ng	98
10) Phenol	6.52	94	323755	37.579	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	259703	39.591	ng	98
12) 1,3-Dichlorobenzene	6.83	146	284923	38.769	ng	97
13) 1,4-Dichlorobenzene	6.90	146	281471	39.793	ng	98
14) 1,2-Dichlorobenzene	7.06	146	264248	39.601	ng	99
15) Benzyl Alcohol	7.02	79	250232	38.974	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	340822	37.578	ng	100
17) 2-Methylphenol	7.13	107	213936	38.028	ng	99
18) Hexachloroethane	7.40	117	106639	38.657	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	199296	36.814	ng	98
20) 3+4-Methylphenols	7.28	107	264614	38.396	ng	97
22) Acetophenone	7.29	105	370232	40.288	ng	98
24) Nitrobenzene	7.46	77	292570	42.057	ng	97
25) Isophorone	7.70	82	518142	39.142	ng	99
26) 2-Nitrophenol	7.77	139	110150	43.349	ng	94
27) 2,4-Dimethylphenol	7.81	122	200523	37.821	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	319381	39.068	ng	99
29) 2,4-Dichlorophenol	8.02	162	196406	38.953	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	221551	39.031	ng	98
31) Naphthalene	8.19	128	703444	39.568	ng	99
32) Benzoic acid	7.92	122	150808	44.493	ng	95
33) 4-Chloroaniline	8.23	127	301821	38.672	ng	97
34) Hexachlorobutadiene	8.31	225	118424	38.254	ng	99
35) Caprolactam	8.59	113	66387	37.799	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	226822	39.870	ng	97
37) 2-Methylnaphthalene	8.87	142	473828	38.817	ng	98
38) 1-Methylnaphthalene	8.97	142	444775	39.006	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	197595	37.004	ng	99

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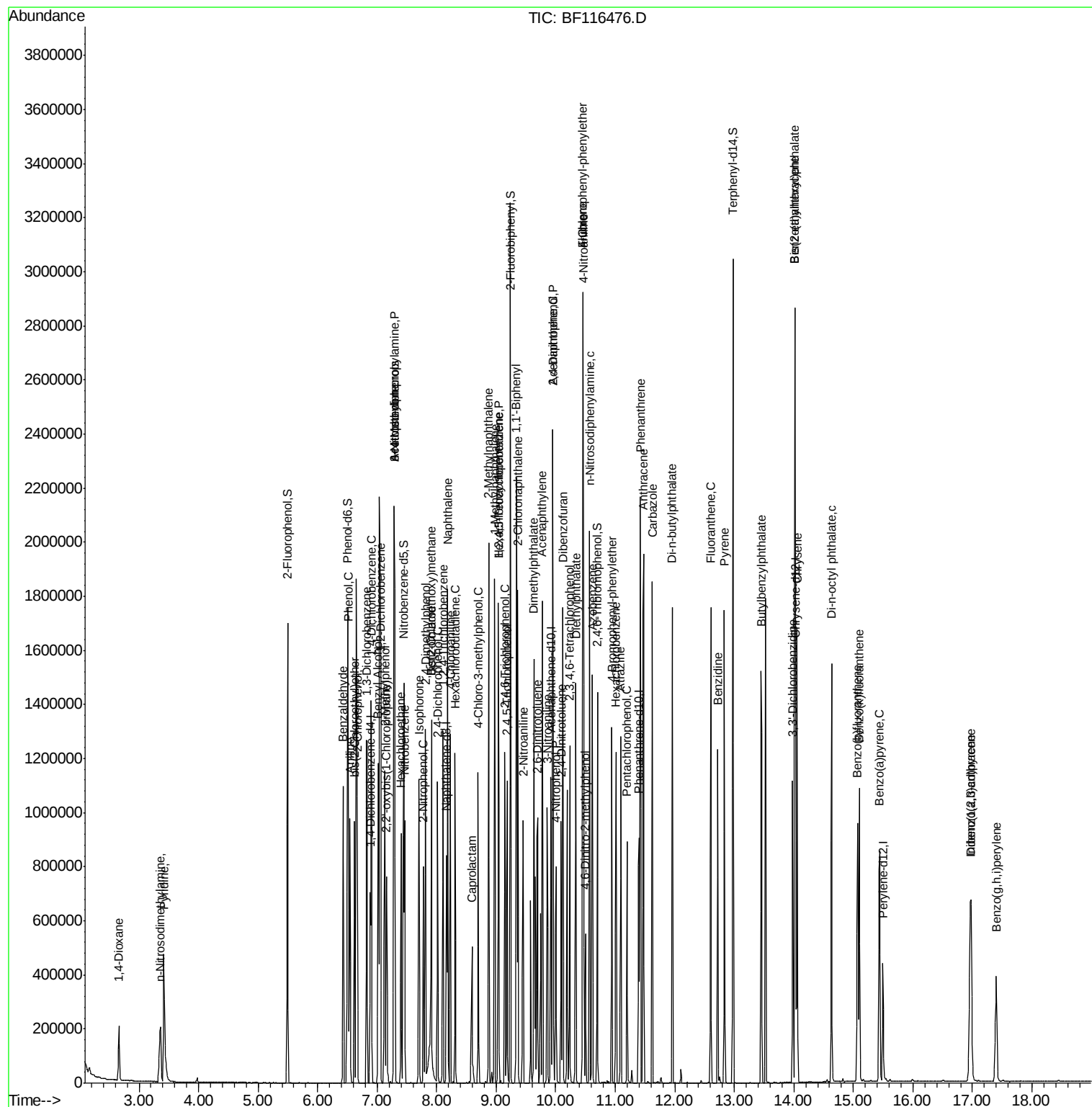
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	107302	37.349	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	136882	36.627	nq	99
44) 2,4,5-Trichlorophenol	9.18	196	140891	37.051	nq	95
46) 1,1'-Biphenyl	9.34	154	605694	38.170	nq	99
47) 2-Chloronaphthalene	9.36	162	466164	37.893	nq	99
48) 2-Nitroaniline	9.45	65	162915	43.252	nq	97
49) Acenaphthylene	9.77	152	731024	40.616	nq	99
50) Dimethylphthalate	9.63	163	552634	39.908	nq	100
51) 2,6-Dinitrotoluene	9.69	165	113855	40.169	nq	93
52) Acenaphthene	9.95	154	468436	40.560	nq	99
53) 3-Nitroaniline	9.86	138	139138	41.182	nq	98
54) 2,4-Dinitrophenol	9.96	184	37284	38.479	nq	94
55) Dibenzofuran	10.12	168	649998	40.375	nq	100
56) 4-Nitrophenol	10.00	139	104742	39.886	nq	96
57) 2,4-Dinitrotoluene	10.09	165	147375	40.862	nq	99
58) Fluorene	10.46	166	486236	38.874	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	126340	40.463	nq	97
60) Diethylphthalate	10.33	149	569633	41.853	nq	100
61) 4-Chlorophenyl-phenylether	10.46	204	230148	37.717	nq	96
62) 4-Nitroaniline	10.47	138	133549	40.416	nq	96
63) Azobenzene	10.62	77	583468	41.694	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	52214	40.146	nq	97
66) n-Nitrosodiphenylamine	10.57	169	443178	41.708	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	140182	40.746	nq	97
68) Hexachlorobenzene	11.01	284	146738	38.563	nq	# 83
69) Atrazine	11.09	200	132283	41.551	nq	98
70) Pentachlorophenol	11.20	266	83660	37.683	nq	99
71) Phenanthrene	11.42	178	728646	40.760	nq	99
72) Anthracene	11.47	178	727002	40.471	nq	100
73) Carbazole	11.62	167	660902	40.988	nq	100
74) Di-n-butylphthalate	11.96	149	845245	42.303	nq	99
75) Fluoranthene	12.60	202	670861	36.298	nq	97
77) Benzidine	12.72	184	378971	43.971	nq	98
78) Pyrene	12.83	202	700836	40.910	nq	99
80) Butylbenzylphthalate	13.45	149	328884	44.453	nq	86
81) Benzo(a)anthracene	14.02	228	547936	39.493	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	188876	38.201	nq	98
83) Chrysene	14.06	228	571462	40.637	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	419561	42.528	nq	# 97
85) Di-n-octyl phthalate	14.63	149	695545	41.528	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	428957	35.610	nq	99
88) Benzo(b)fluoranthene	15.07	252	457208	39.497	nq	98
89) Benzo(k)fluoranthene	15.10	252	425549	40.579	nq	99
90) Benzo(a)pyrene	15.44	252	412087	40.280	nq	99
91) Dibenzo(a,h)anthracene	16.98	278	352270	41.903	nq	99
92) Benzo(g,h,i)perylene	17.40	276	315969	39.425	nq	99

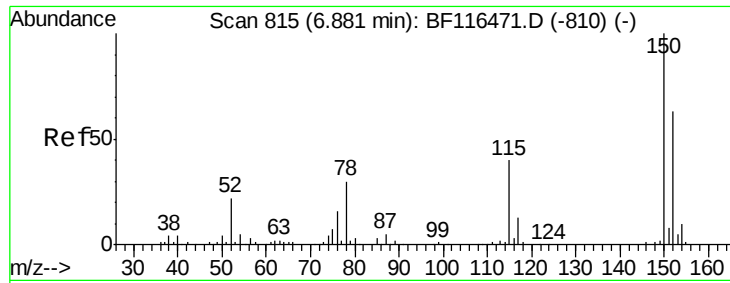
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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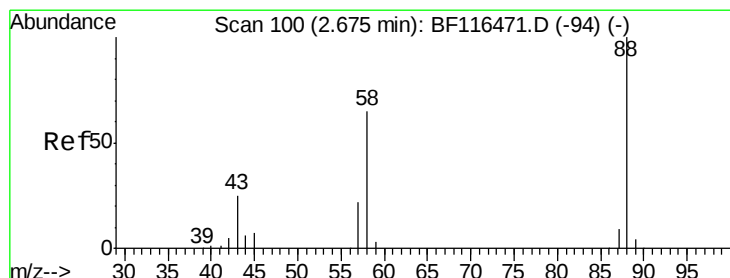
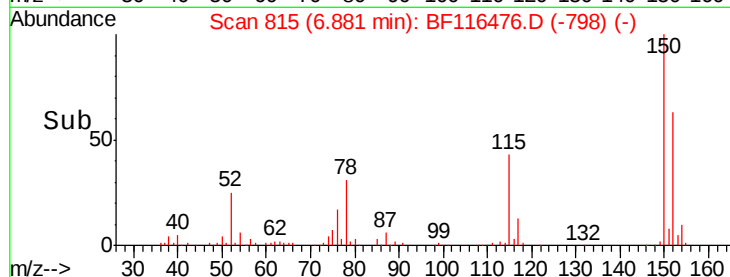
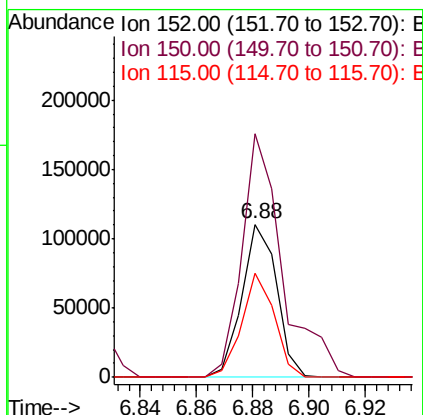
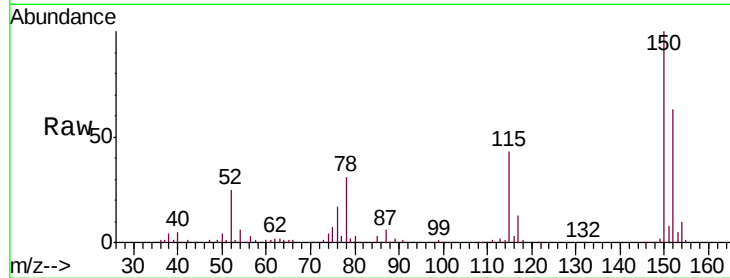


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Instrument :
BNA_F
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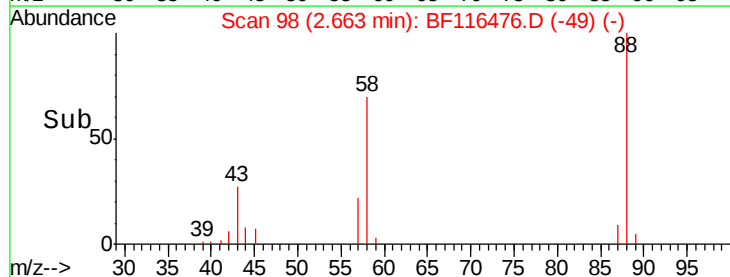
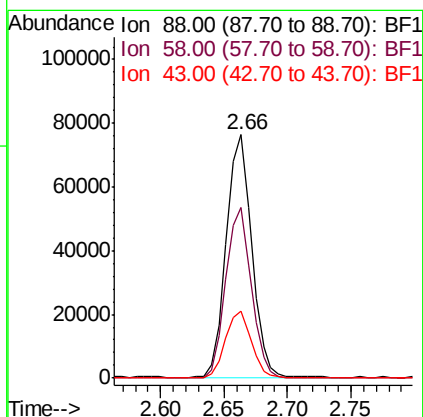
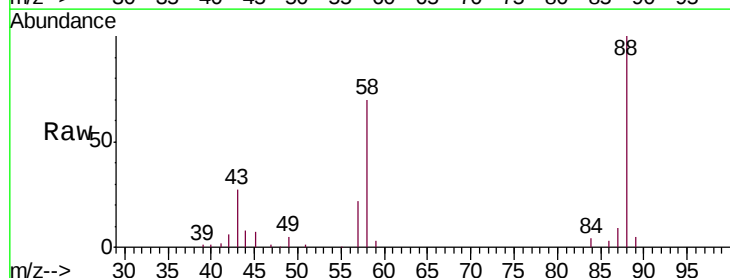
Tot Ion:152 Resp: 94542
Ion Ratio Lower Upper
152 100
150 159.2 126.7 190.1
115 67.9 50.9 76.3

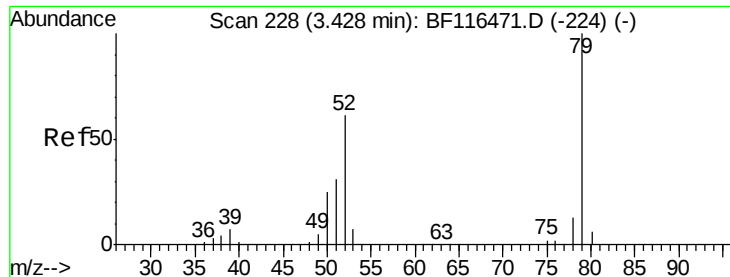


#2

1,4-Dioxane
Concen: 38.213 ng
RT: 2.66 min Scan# 98
Delta R.T. -0.01 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion: 88 Resp: 107053
Ion Ratio Lower Upper
88 100
58 69.4 53.4 80.0
43 27.5 21.2 31.8





#3

Pvridine

Concen: 38.146 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.01 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

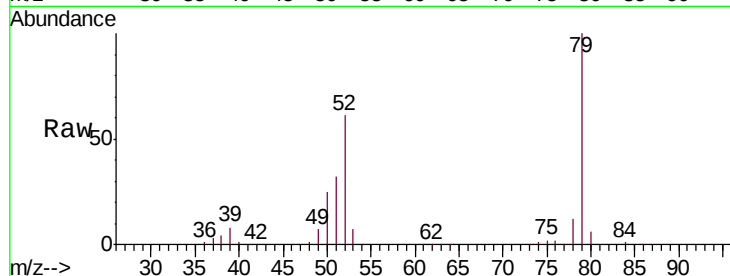
Tot Ion: 79 Resp: 325441

Ion Ratio Lower Upper

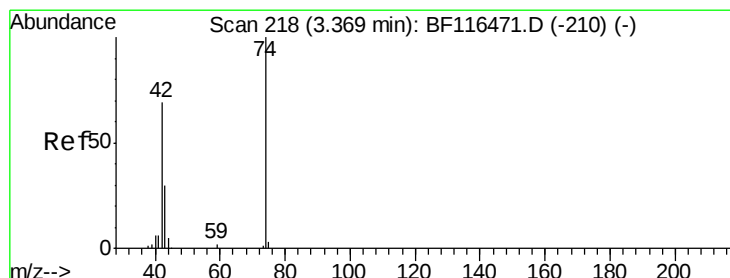
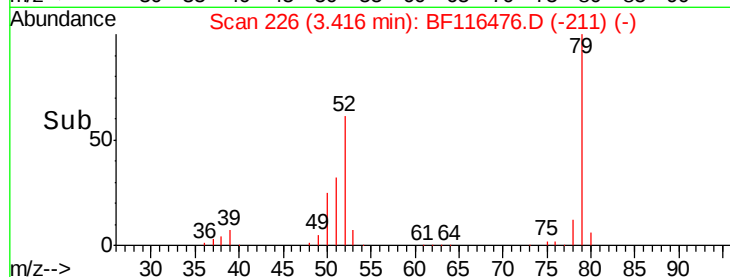
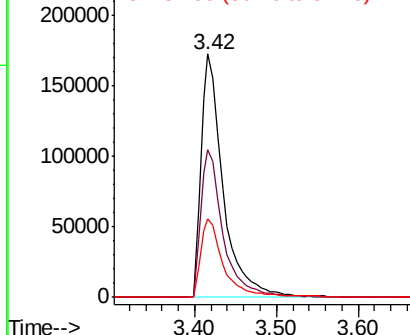
79 100

52 60.9 48.8 73.2

51 32.2 25.2 37.8



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



#4

n-Nitrosodimethylamine

Concen: 42.835 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

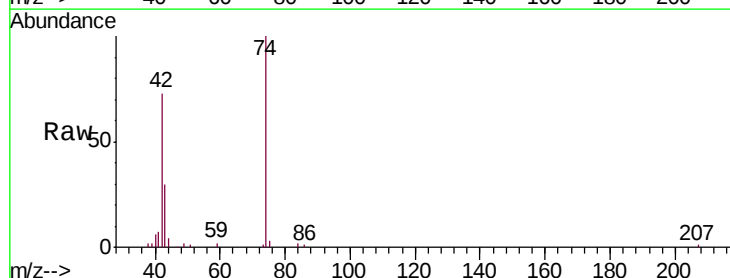
Tgt Ion: 42 Resp: 133405

Ion Ratio Lower Upper

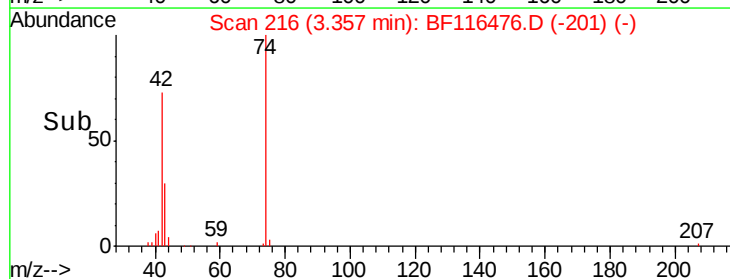
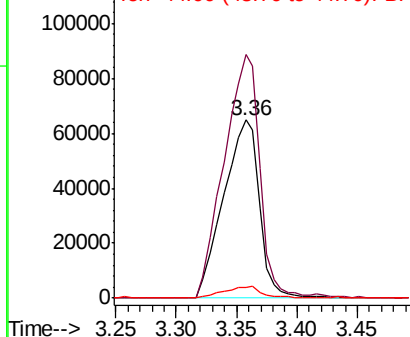
42 100

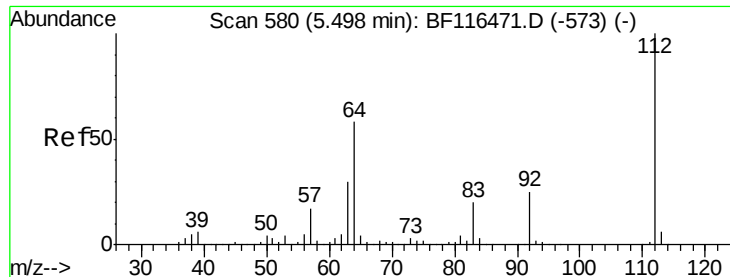
74 136.6 115.3 172.9

44 6.0 5.8 8.8



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: 72.020 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

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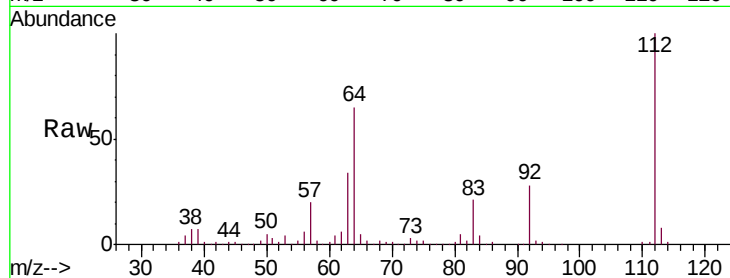
Tot Ion:112 Resp: 466000

Ion Ratio Lower Upper

112 100

64 65.1 46.3 69.5

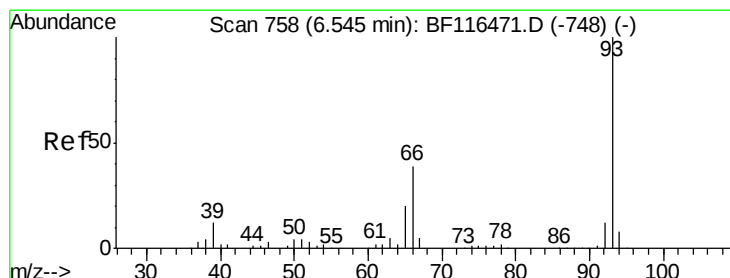
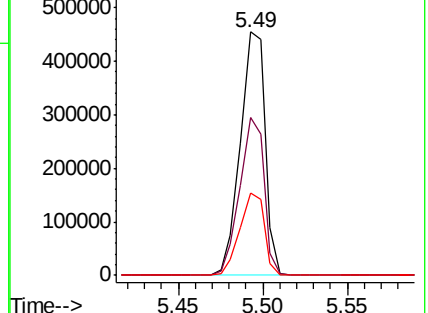
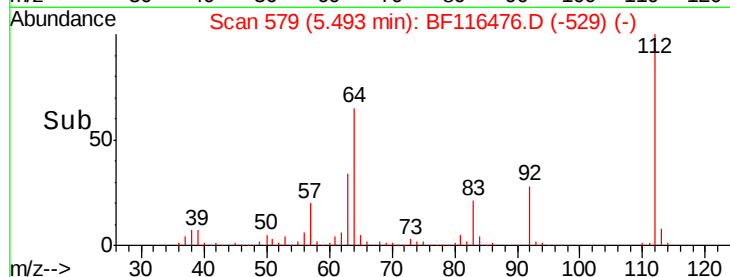
63 33.8 24.2 36.4



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: 38.654 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

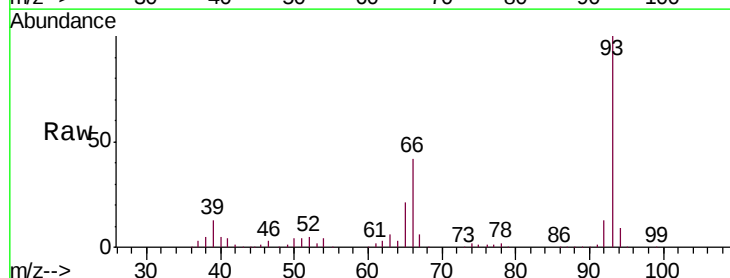
Tgt Ion: 93 Resp: 415181

Ion Ratio Lower Upper

93 100

66 41.9 32.2 48.2

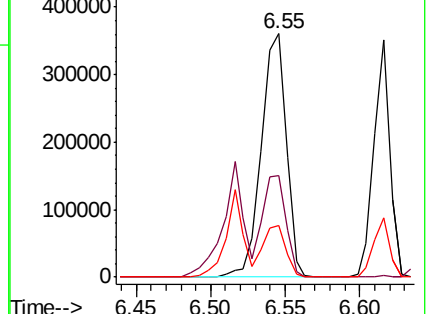
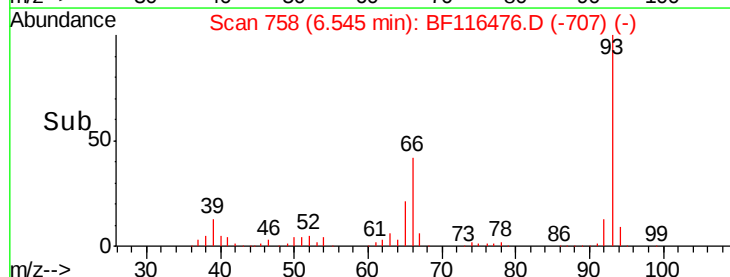
65 21.4 16.3 24.5

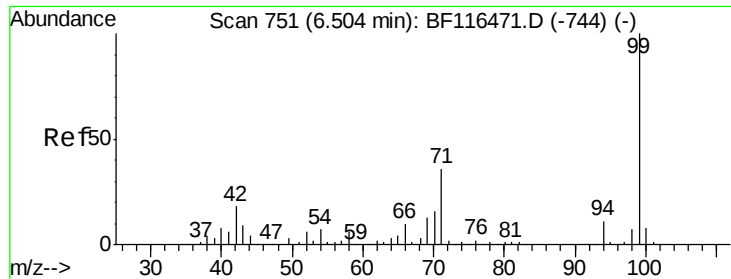


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.335 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

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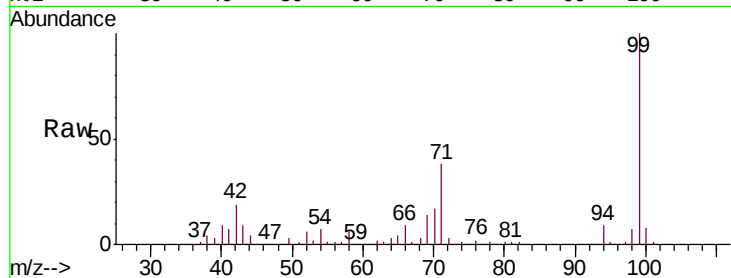
Tot Ion: 99 Resp: 621484

Ion Ratio Lower Upper

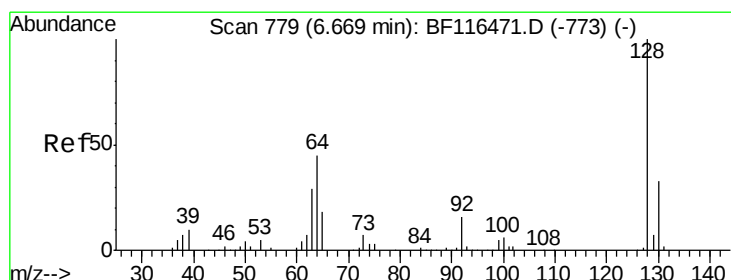
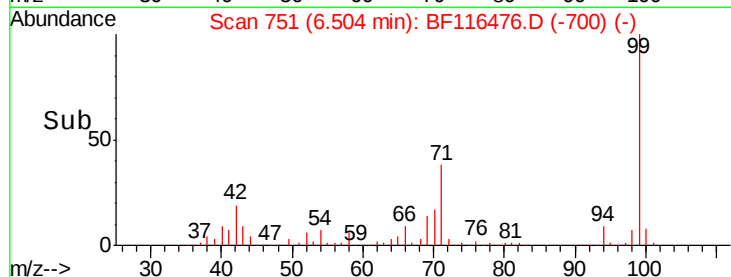
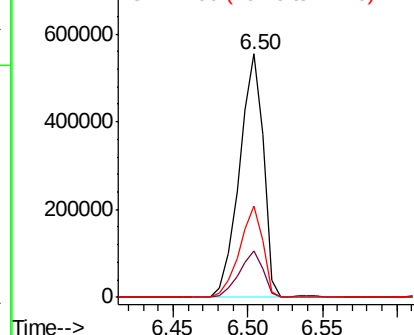
99 100

42 19.3 14.6 21.8

71 37.7 28.5 42.7



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: 36.452 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

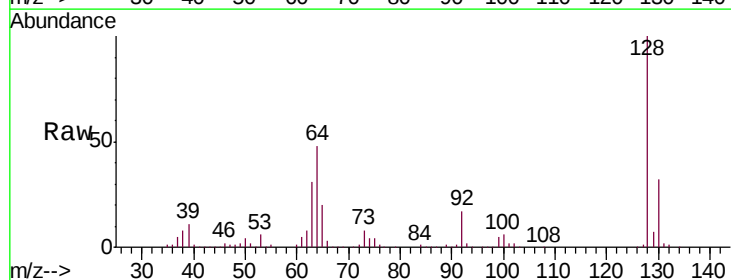
Tgt Ion: 128 Resp: 247511

Ion Ratio Lower Upper

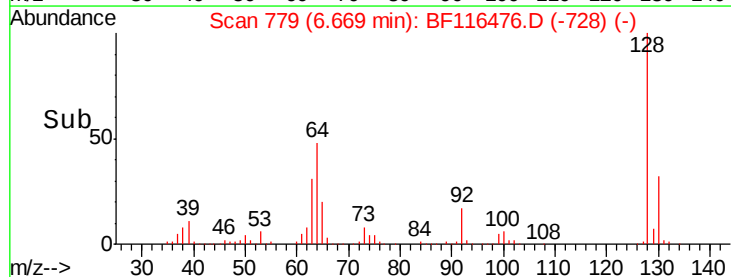
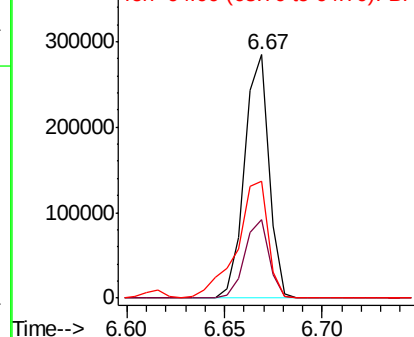
128 100

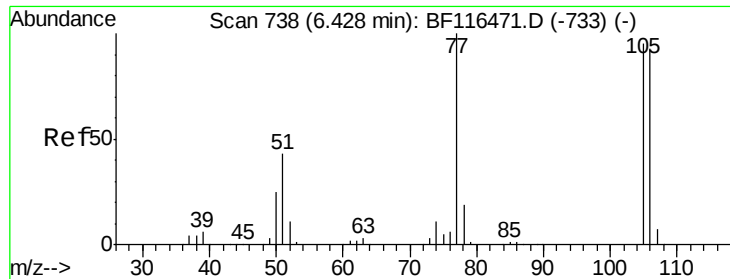
130 32.4 13.4 53.4

64 48.0 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.776 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

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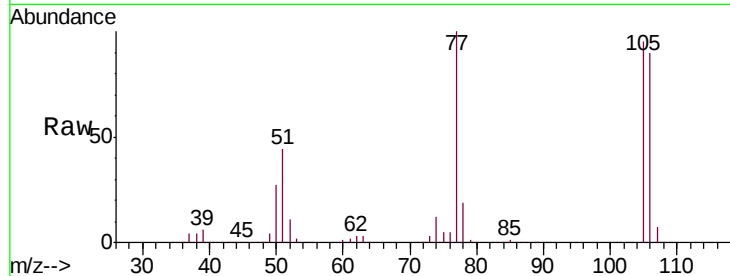
Tot Ion: 77 Resp: 221451

Ion Ratio Lower Upper

77 100

105 94.7 75.5 115.5

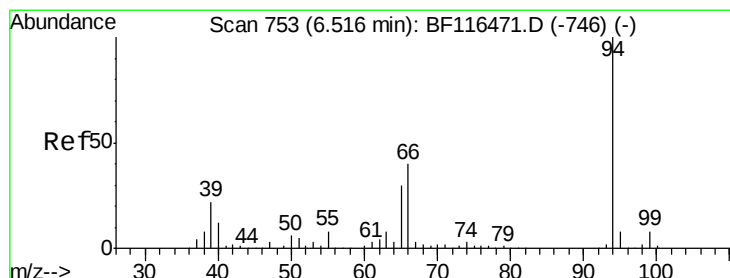
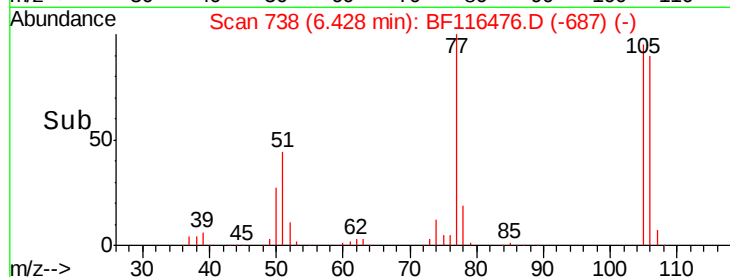
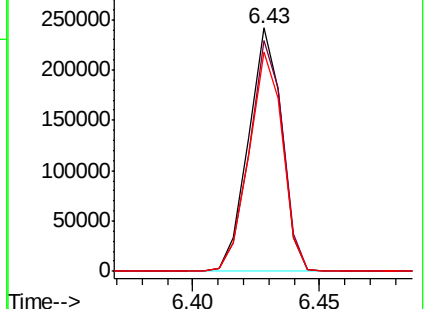
106 90.3 73.2 113.2



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: 37.579 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

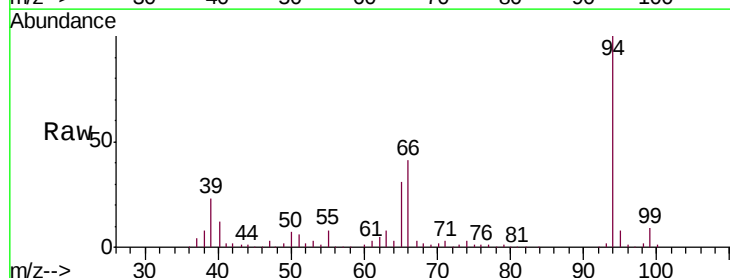
Tgt Ion: 94 Resp: 323755

Ion Ratio Lower Upper

94 100

65 30.9 10.0 50.0

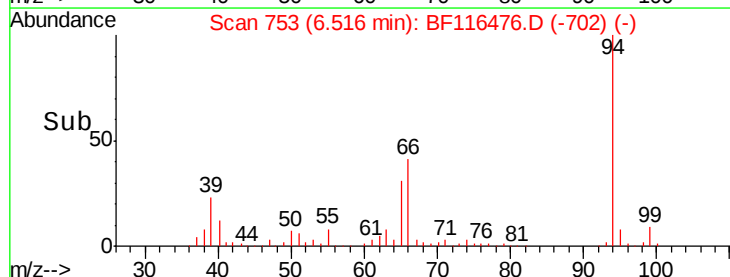
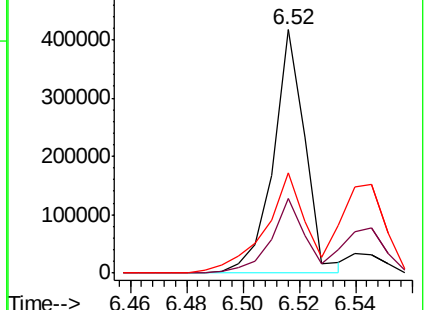
66 41.0 19.8 59.8

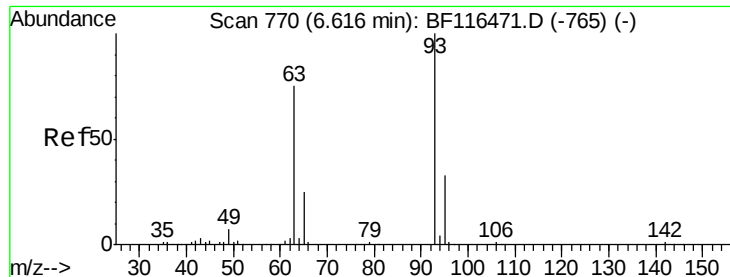


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

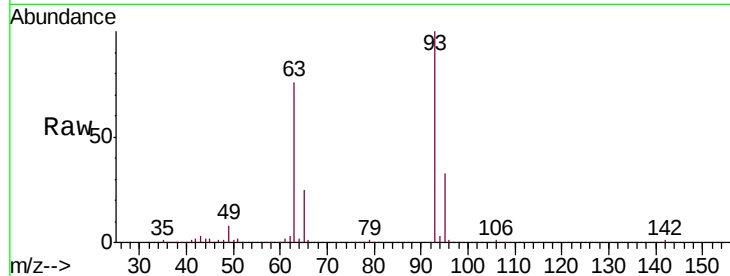




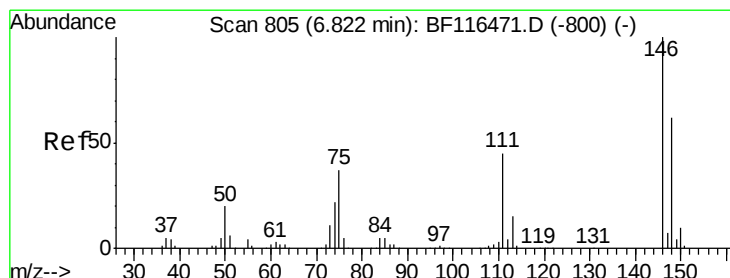
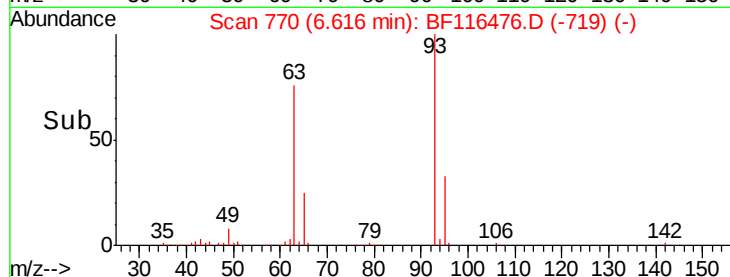
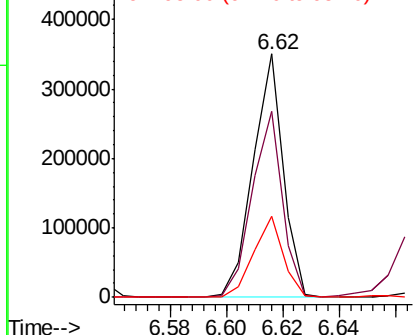
#11
 bis(2-Chloroethyl)ether
 Concen: 39.591 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

Tot Ion:	93	Resp:	259703
Ion	Ratio	Lower	Upper
93	100		
63	76.3	54.3	94.3
95	33.2	13.3	53.3

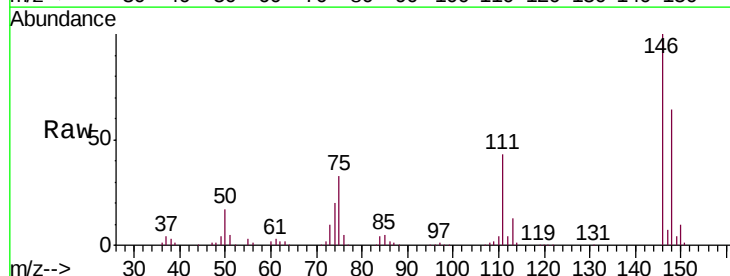


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

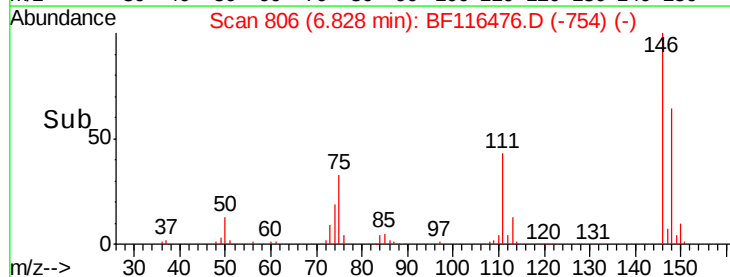
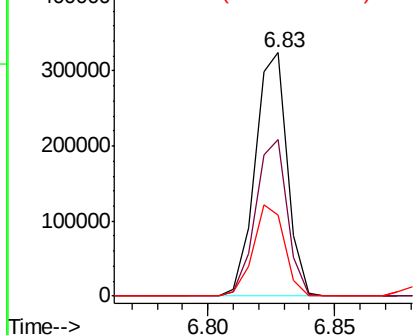


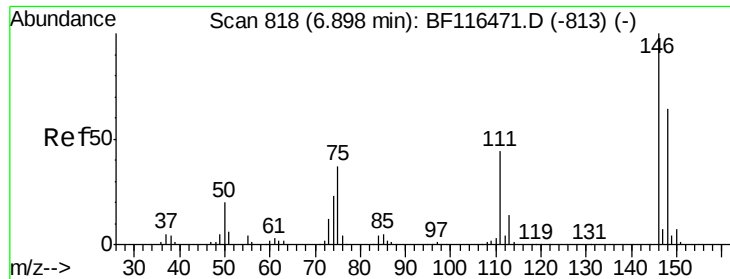
#12
 1,3-Dichlorobenzene
 Concen: 38.769 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Tgt Ion:	146	Resp:	284923
Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.8	74.8
75	33.4	29.3	43.9



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

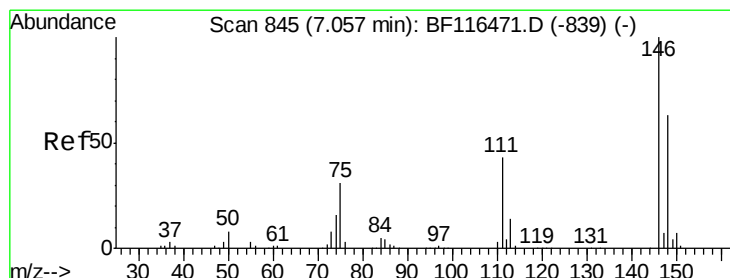
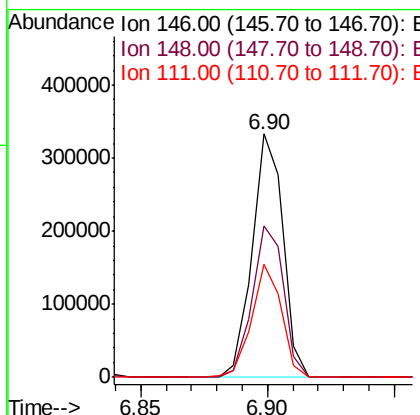
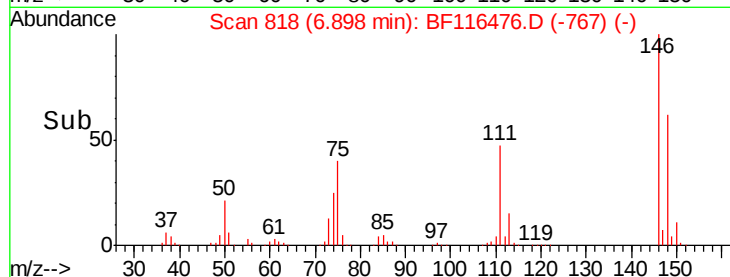
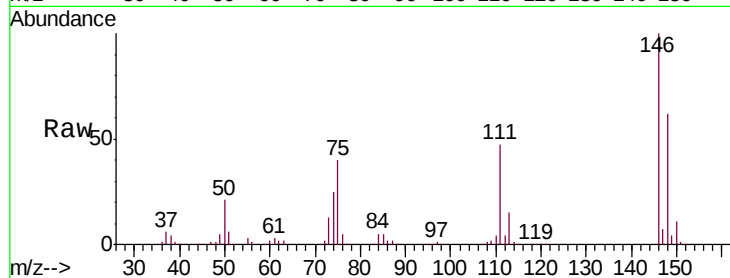




#13
 1,4-Dichlorobenzene
 Concen: 39.793 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

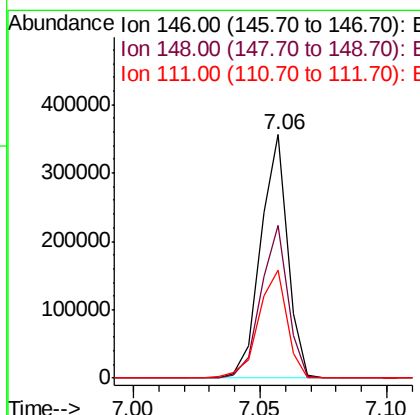
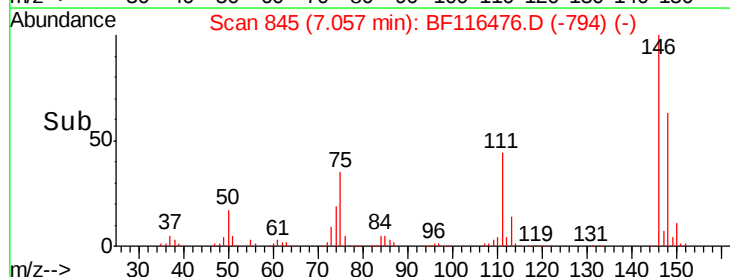
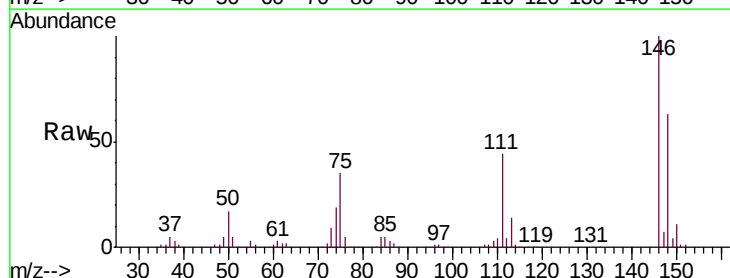
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

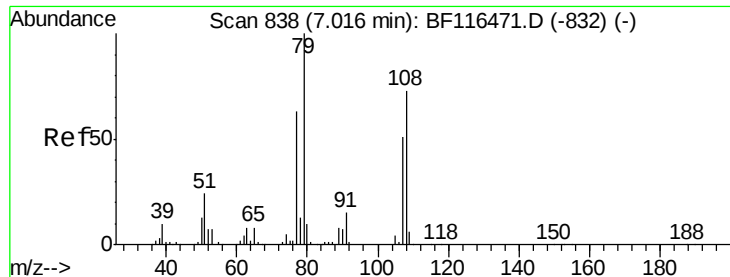
Tot Ion:146 Resp: 281471
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.0 76.4
 111 46.6 35.4 53.2



#14
 1,2-Dichlorobenzene
 Concen: 39.601 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Tgt Ion:146 Resp: 264248
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 44.4 34.5 51.7





#15

Benzyl Alcohol

Concen: 38.974 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

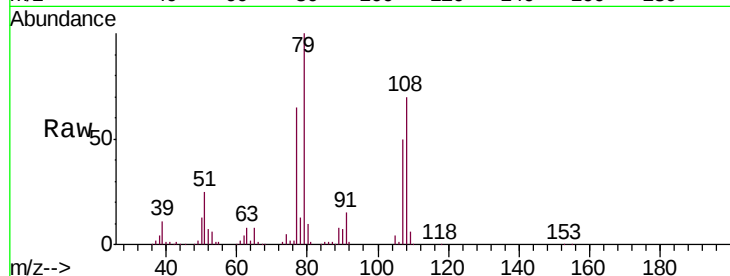
Tot Ion: 79 Resp: 250232

Ion Ratio Lower Upper

79 100

108 70.1 58.1 87.1

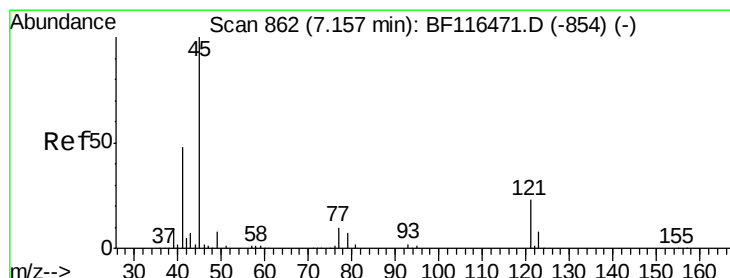
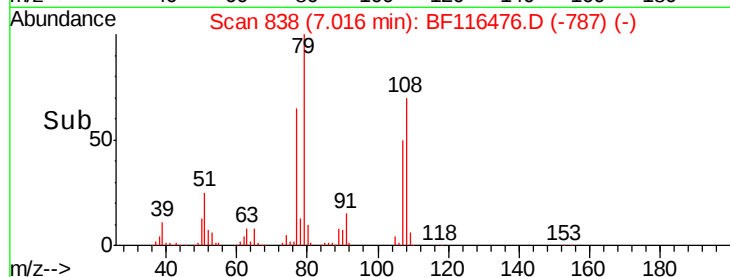
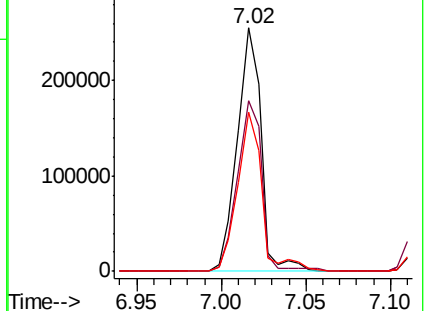
77 65.3 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.578 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

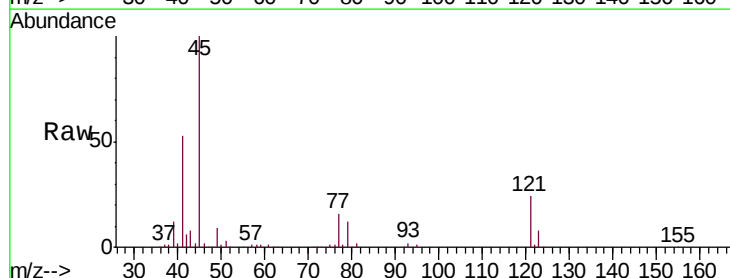
Tgt Ion: 45 Resp: 340822

Ion Ratio Lower Upper

45 100

77 16.0 0.0 36.1

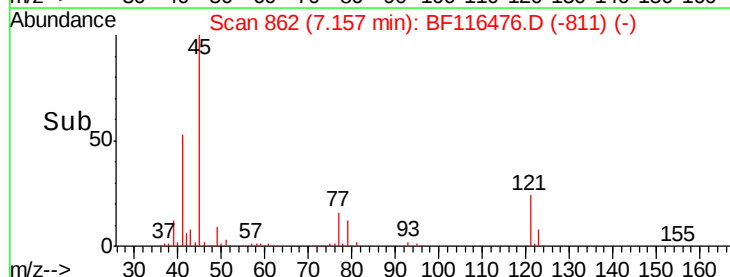
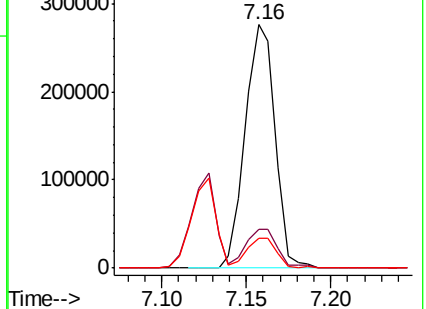
79 12.2 0.0 32.3

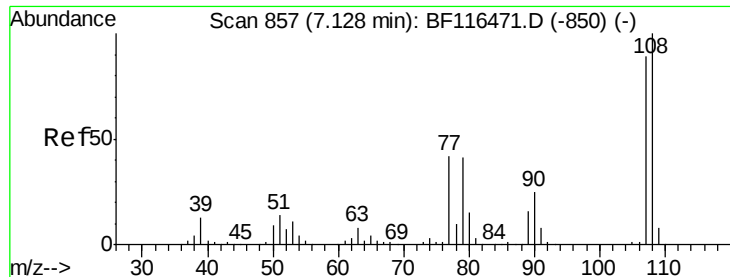


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

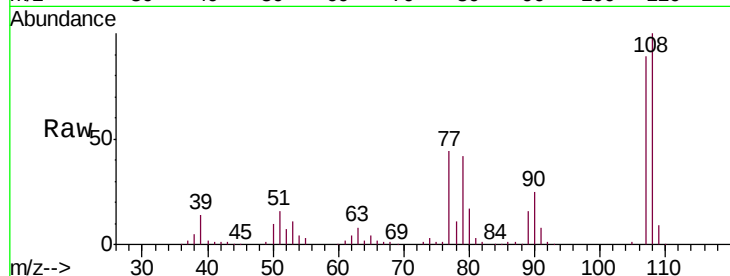




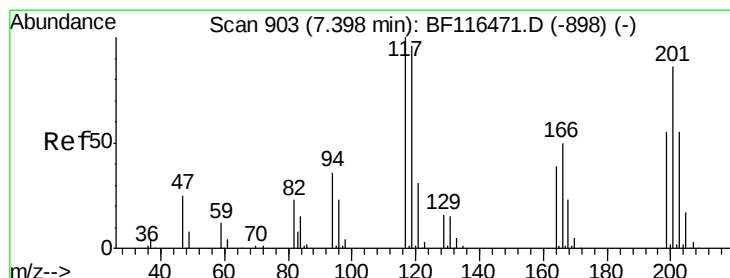
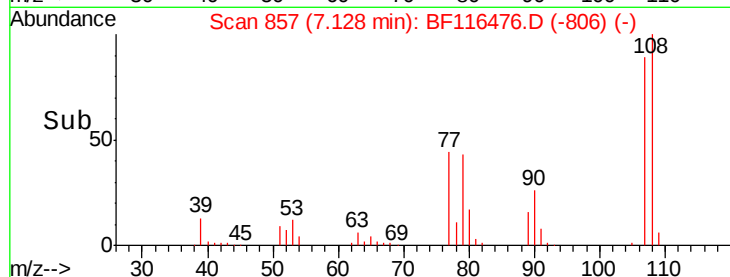
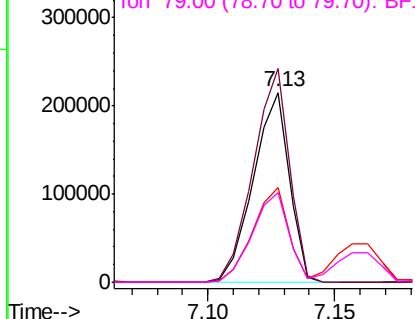
#17
2-Methylphenol
Concen: 38.028 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF082319

Tot Ion:	107	Resp:	213936
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	49.8	37.6	56.4
79	47.5	36.8	55.2

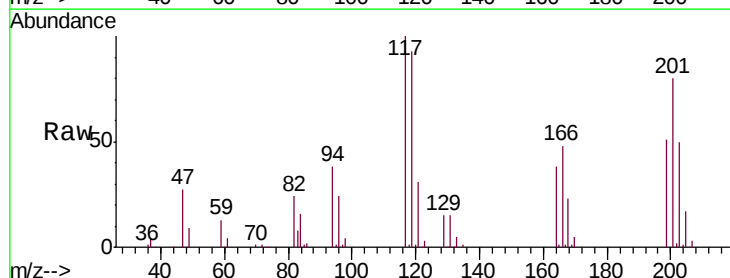


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

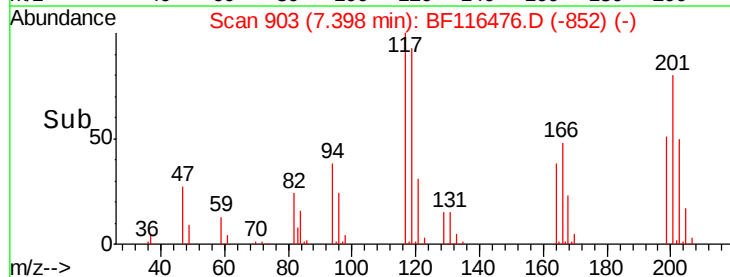
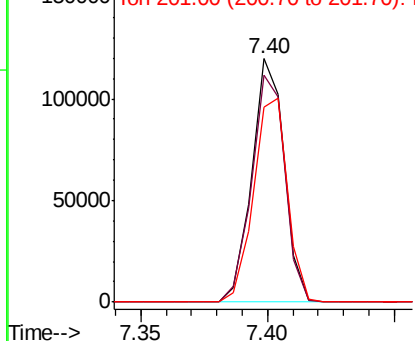


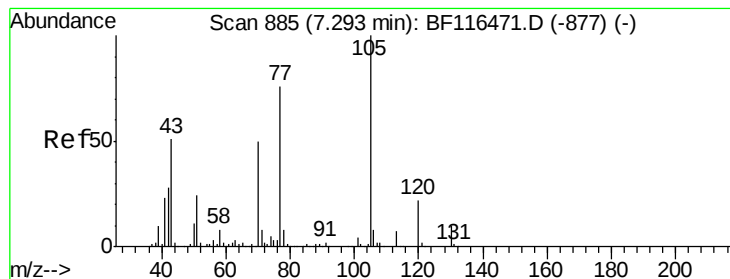
#18
Hexachloroethane
Concen: 38.657 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion:	117	Resp:	106639
Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.0	115.6
201	79.9	69.1	103.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.814 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

Tot Ion: 70 Resp: 199296

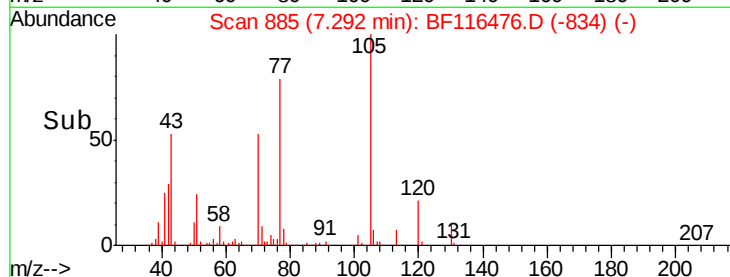
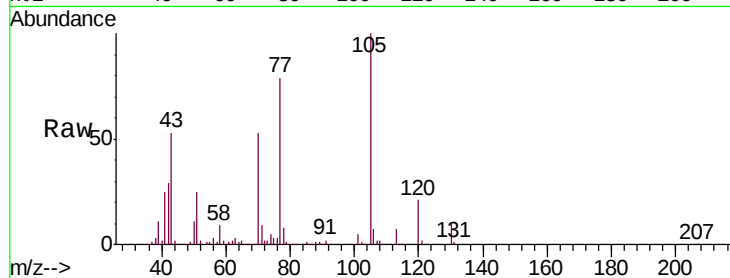
Ion Ratio Lower Upper

70 100

42 54.5 44.4 66.6

101 9.4 7.1 10.7

130 18.2 15.8 23.8

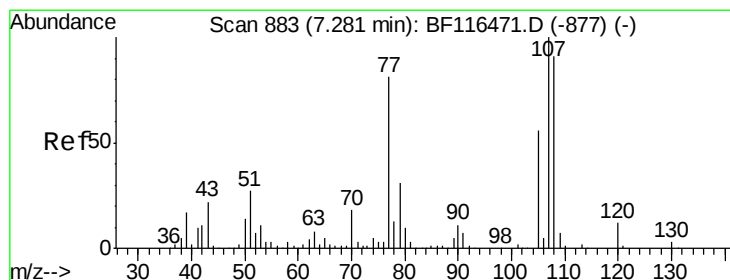
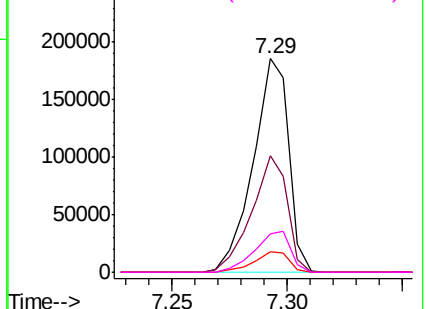


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.396 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Tgt Ion: 107 Resp: 264614

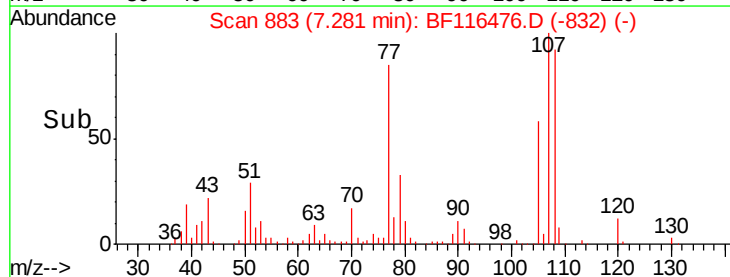
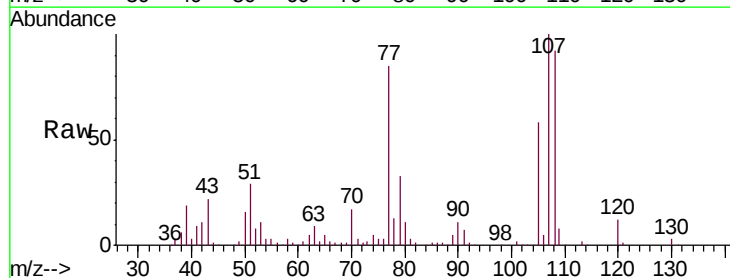
Ion Ratio Lower Upper

107 100

108 91.6 70.7 110.7

77 85.2 60.6 100.6

79 32.5 11.1 51.1

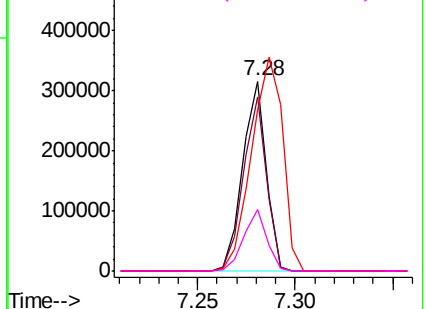


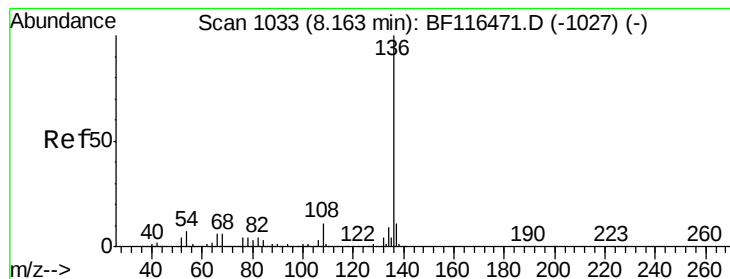
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

Tot Ion:136 Resp: 367506

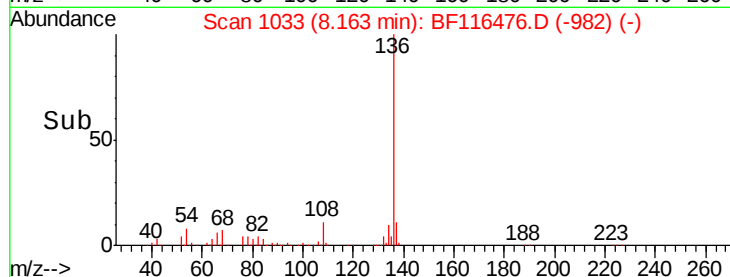
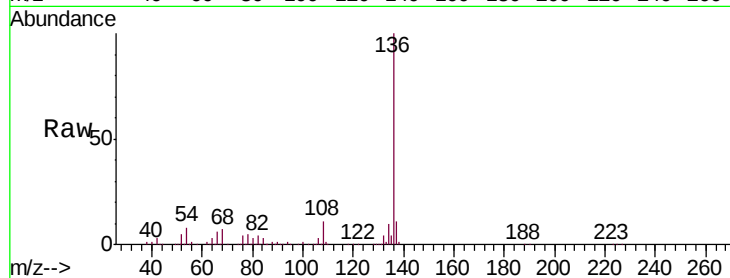
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 8.0 5.8 8.6

68 6.8 5.1 7.7

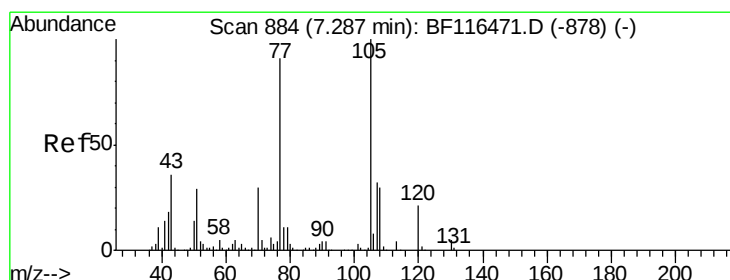
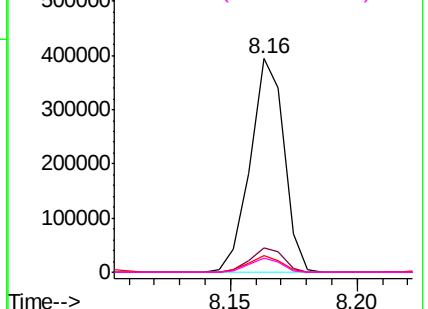


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.288 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Tgt Ion:105 Resp: 370232

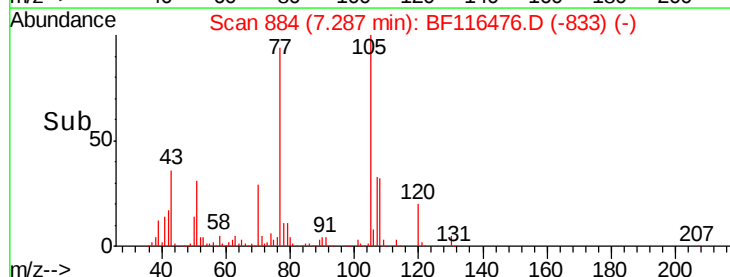
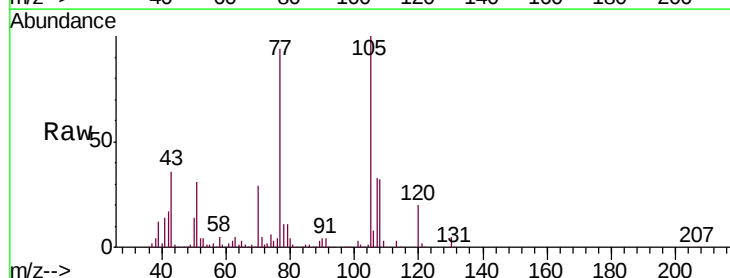
Ion Ratio Lower Upper

105 100

71 4.7 4.2 6.2

51 30.8 23.0 34.4

120 20.3 16.5 24.7

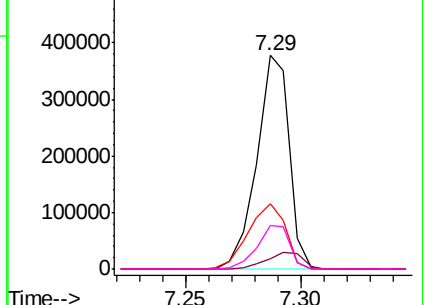


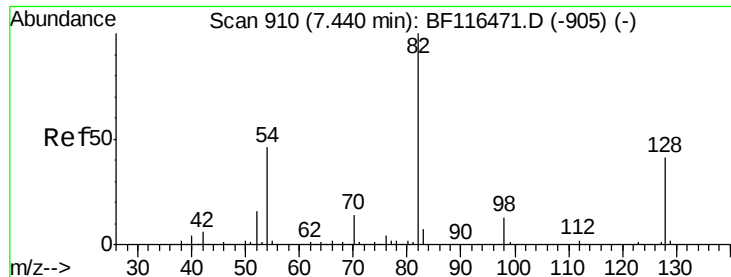
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.381 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

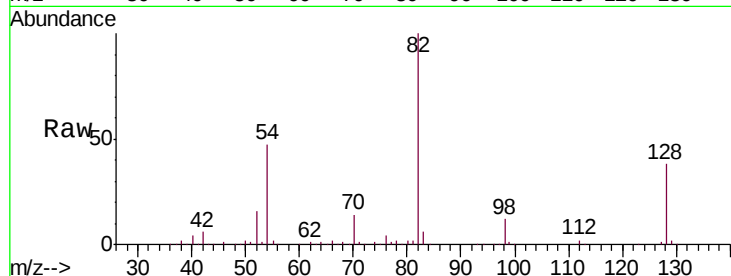
Tot Ion: 82 Resp: 573533

Ion Ratio Lower Upper

82 100

128 37.5 32.2 48.4

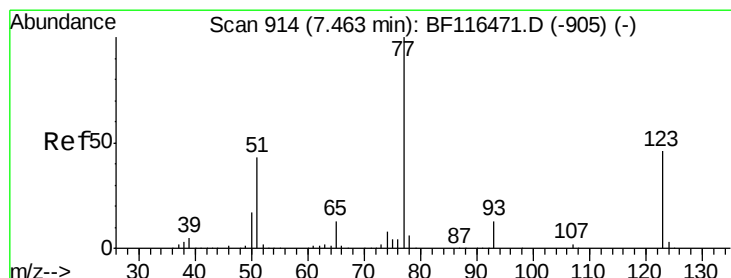
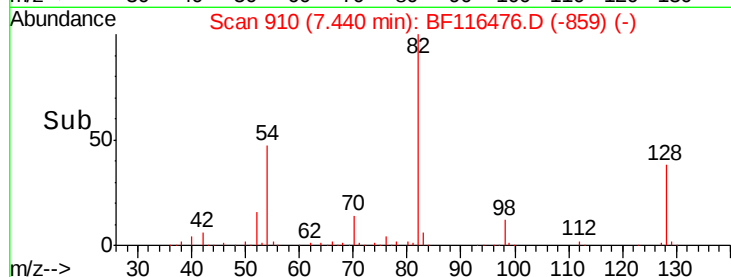
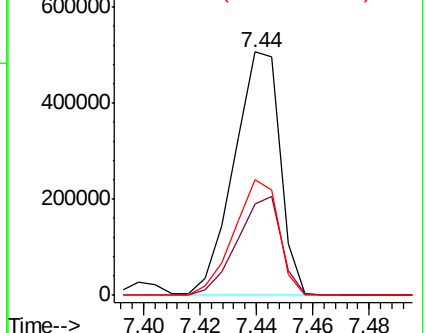
54 47.3 36.5 54.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.057 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

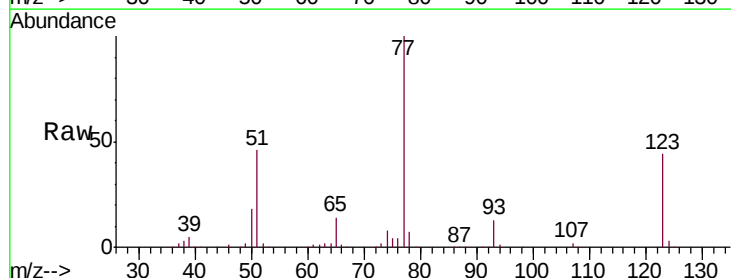
Tgt Ion: 77 Resp: 292570

Ion Ratio Lower Upper

77 100

123 44.5 37.0 55.4

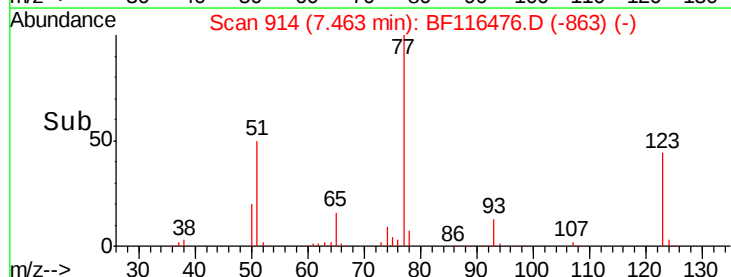
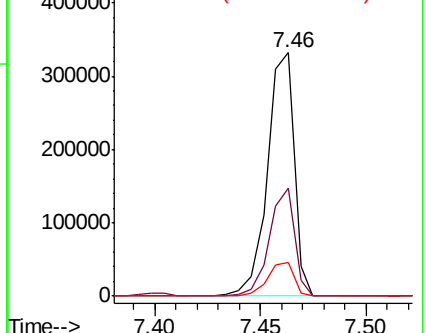
65 14.1 10.5 15.7

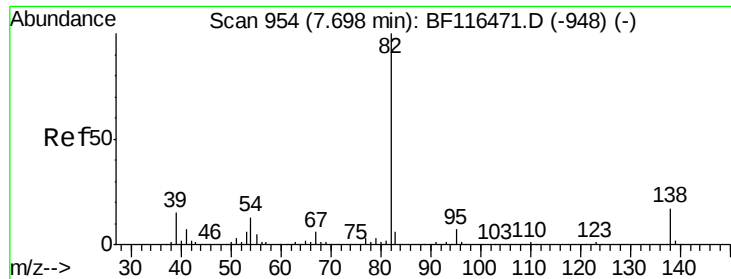


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.142 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

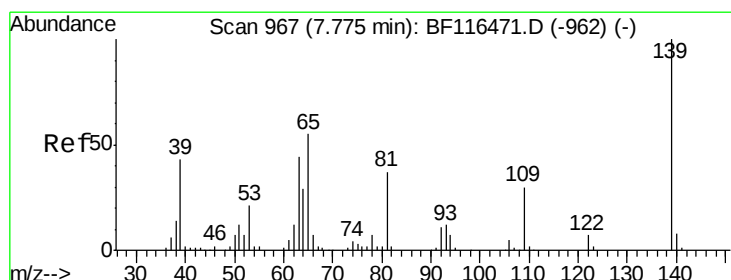
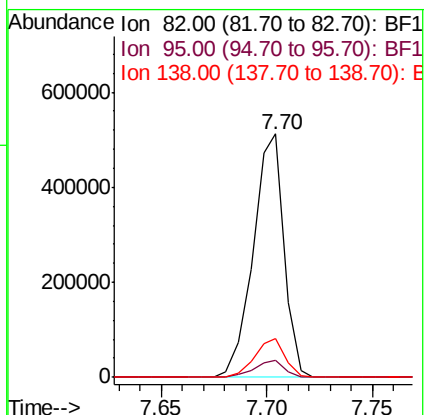
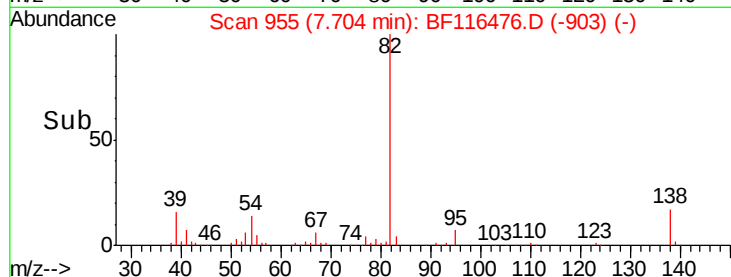
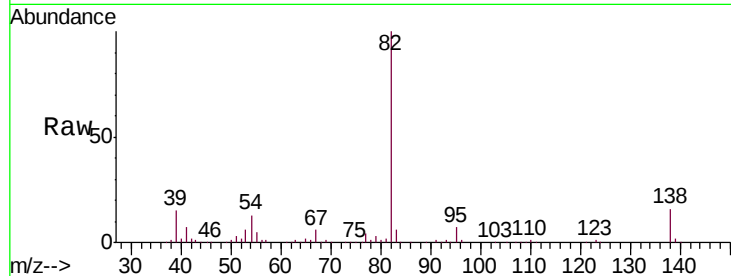
Tot Ion: 82 Resp: 518142

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 16.1 13.3 19.9



#26

2-Nitrophenol

Concen: 43.349 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

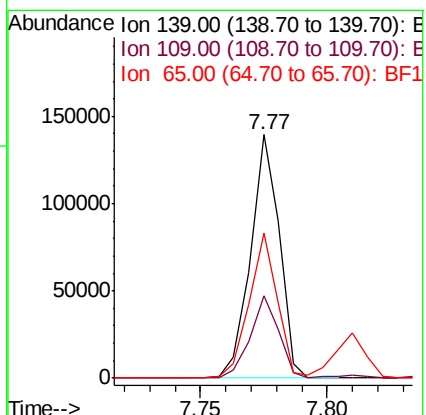
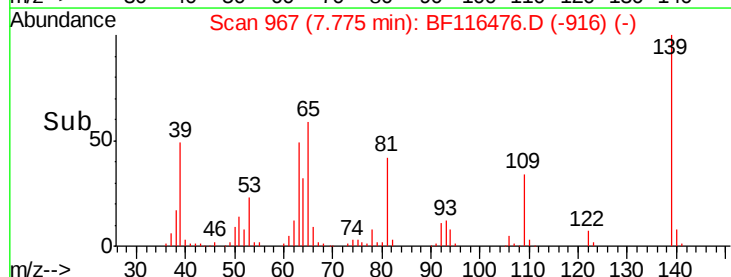
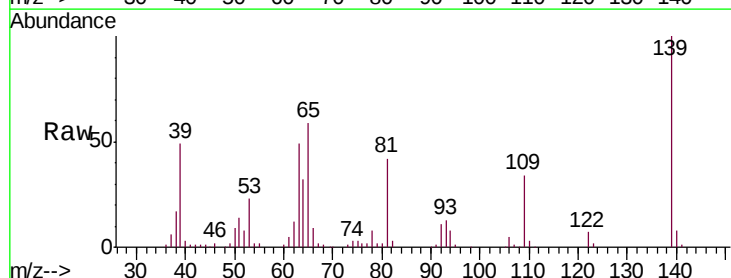
Tgt Ion: 139 Resp: 110150

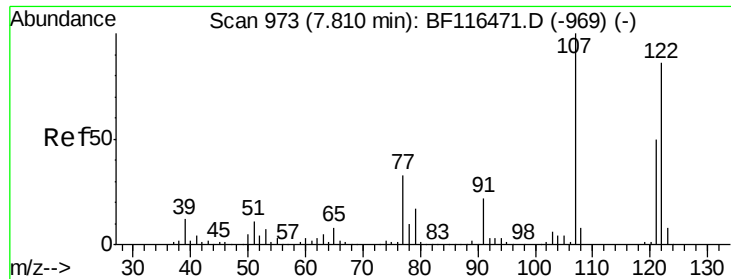
Ion Ratio Lower Upper

139 100

109 33.7 24.3 36.5

65 59.5 44.0 66.0

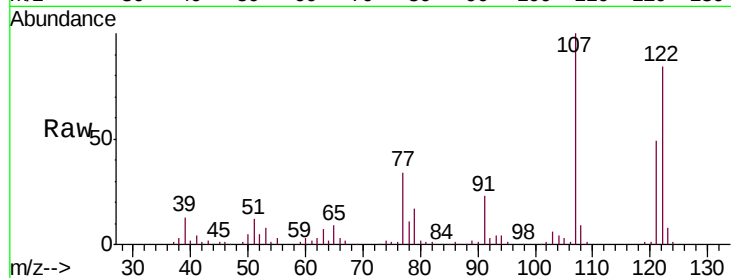




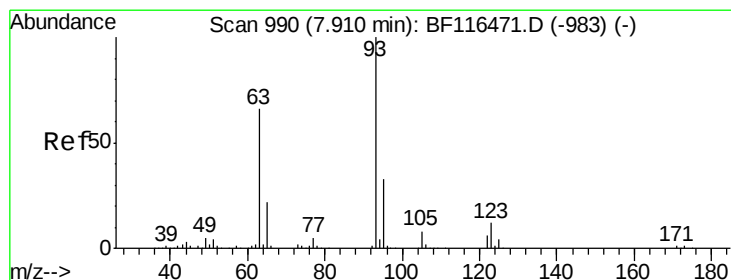
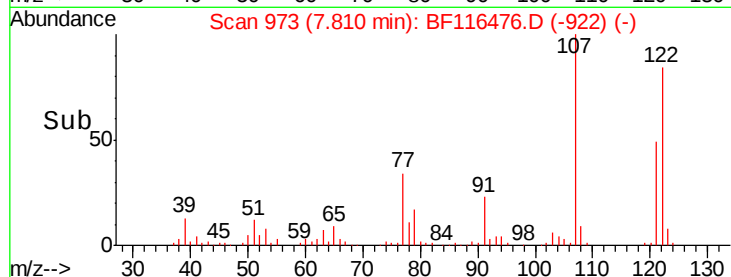
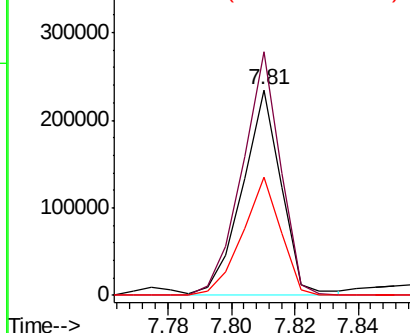
#27
 2,4-Dimethylphenol
 Concen: 37.821 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

Tot Ion:122 Resp: 200523
 Ion Ratio Lower Upper
 122 100
 107 118.5 92.4 138.6
 121 57.8 46.2 69.4

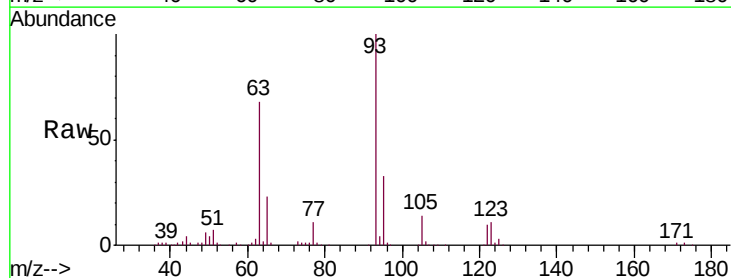


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

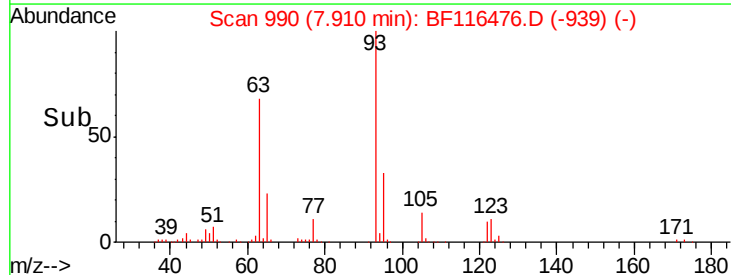
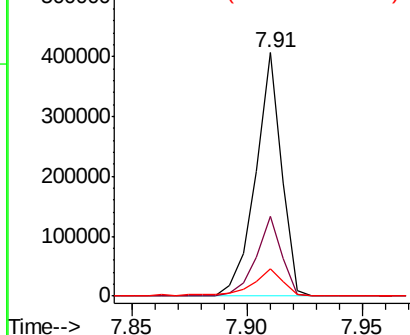


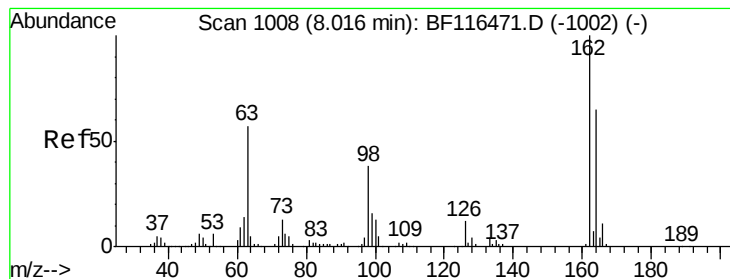
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.068 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Tgt Ion: 93 Resp: 319381
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.4 9.8 14.6



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: 38.953 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

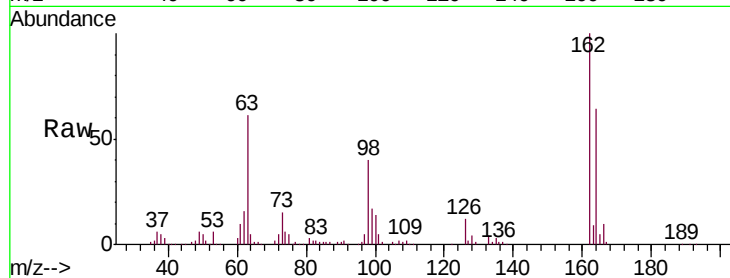
Tot Ion:162 Resp: 196406

Ion Ratio Lower Upper

162 100

164 64.5 44.9 84.9

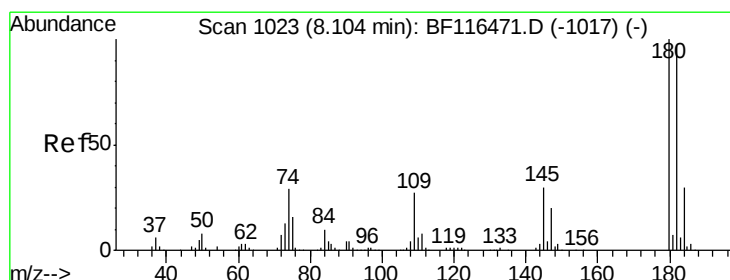
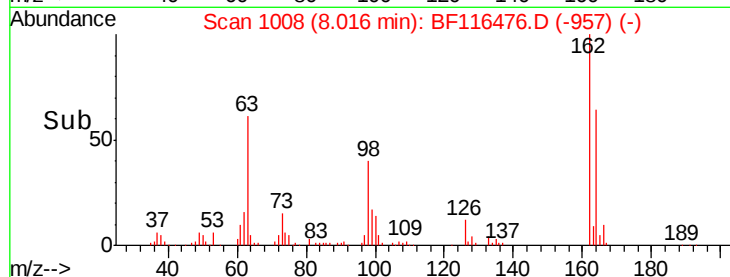
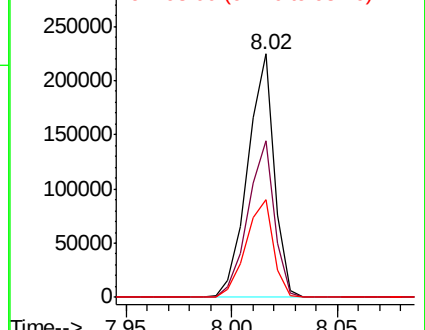
98 40.0 17.9 57.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.031 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

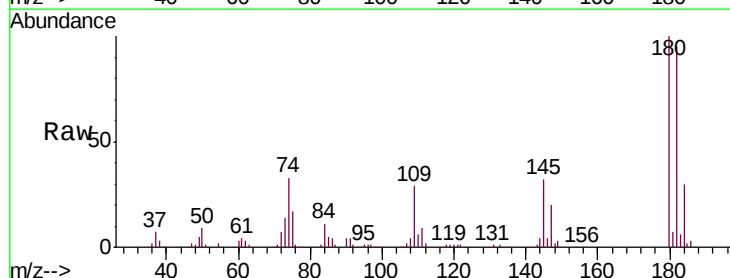
Tgt Ion:180 Resp: 221551

Ion Ratio Lower Upper

180 100

182 95.2 77.4 116.0

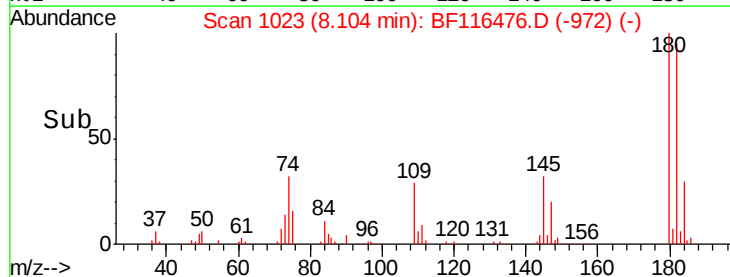
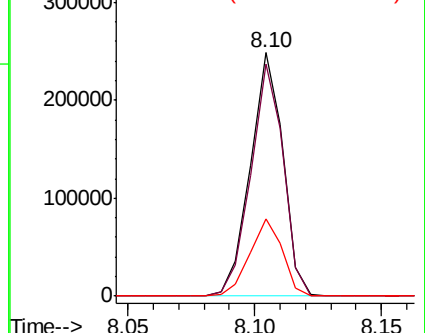
145 31.8 24.3 36.5

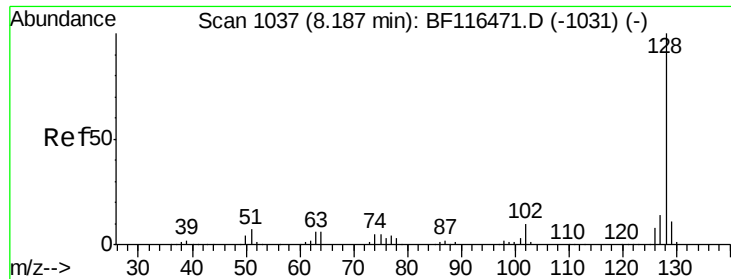


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

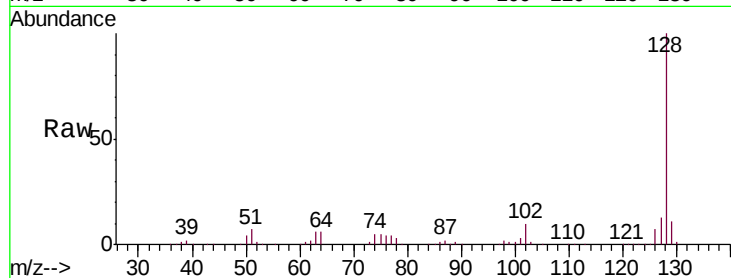




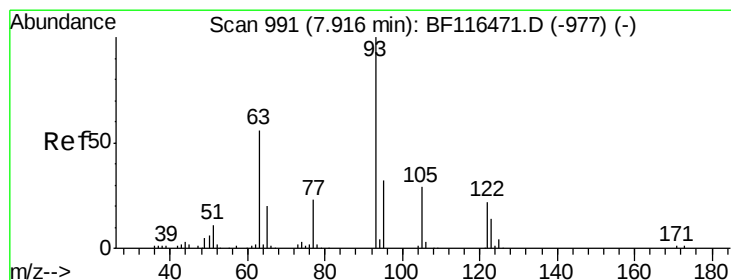
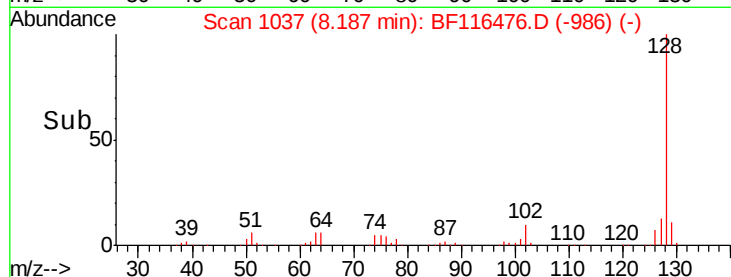
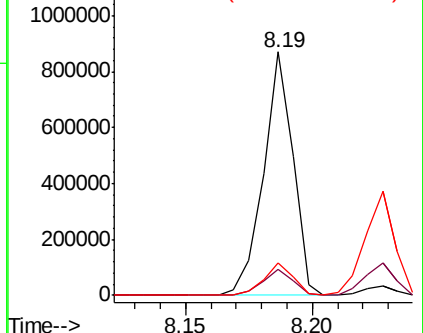
#31
Naphthalene
Concen: 39.568 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF082319

Tot Ion:128 Resp: 703444
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.2 10.9 16.3

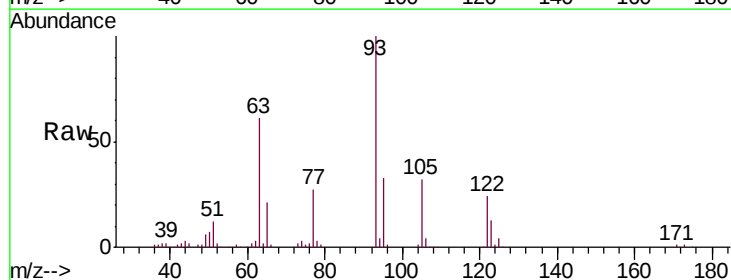


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

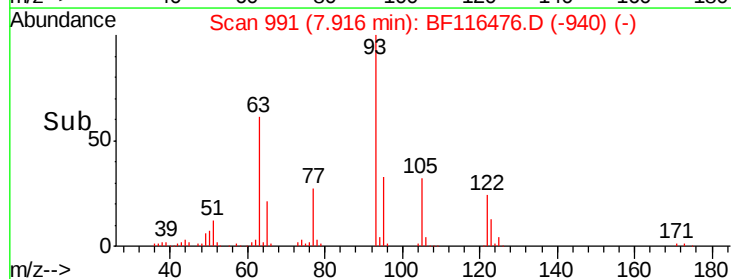
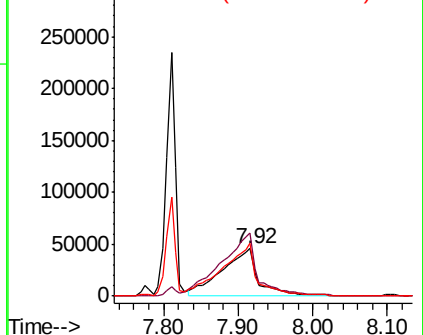


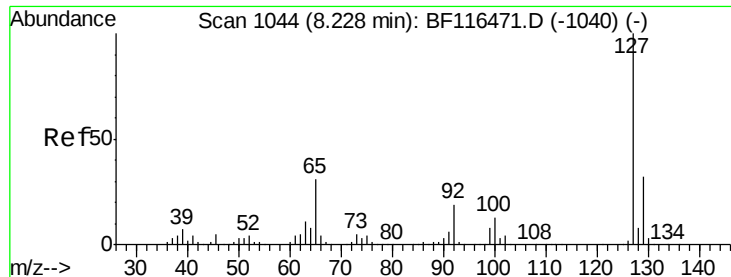
#32
Benzoic acid
Concen: 44.493 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion:122 Resp: 150808
Ion Ratio Lower Upper
122 100
105 134.4 109.9 149.9
77 112.5 84.9 124.9



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

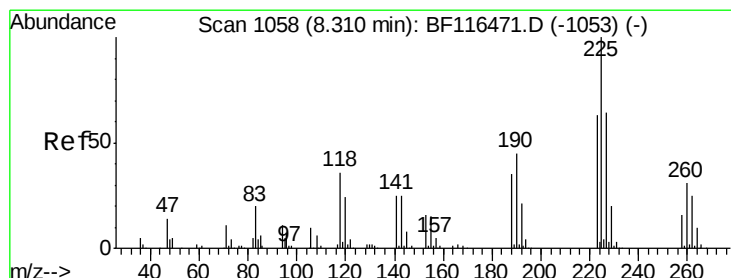
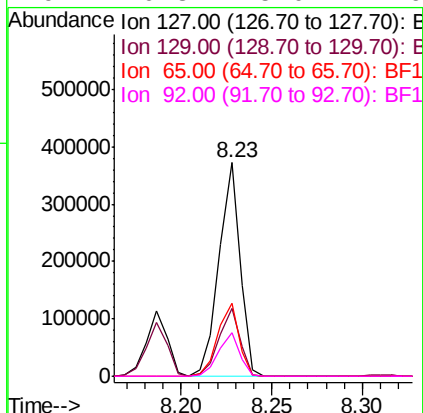
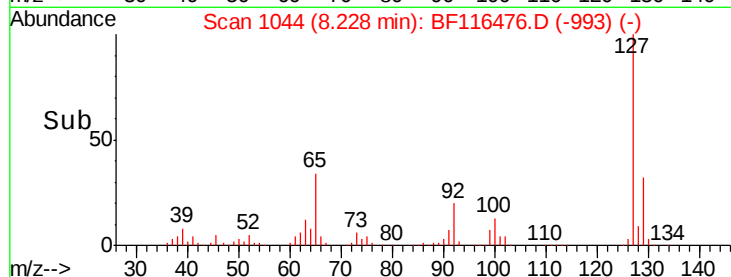
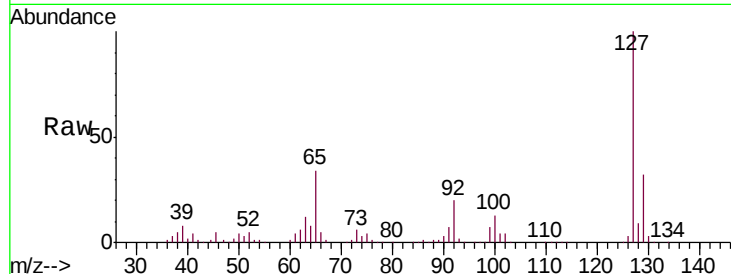




#33
4-Chloroaniline
Concen: 38.672 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

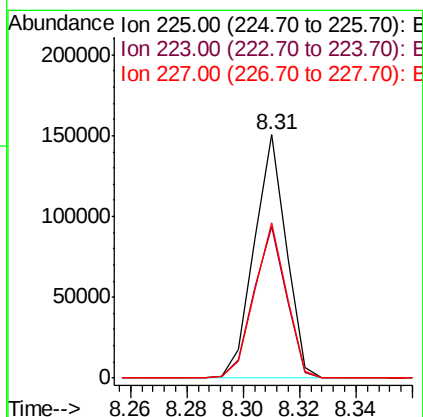
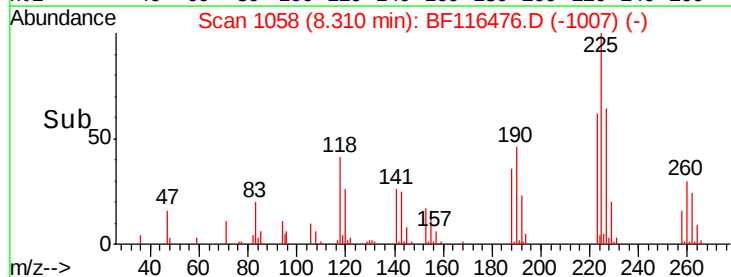
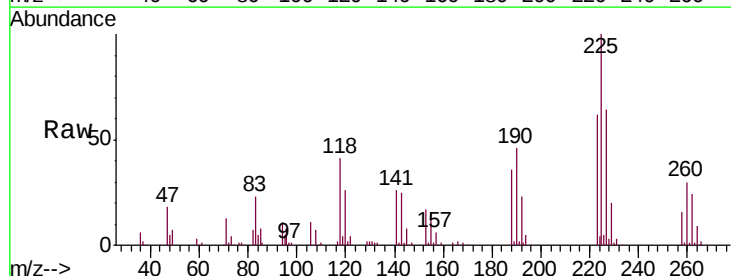
Instrument :
BNA_F
ClientSampleId :
ICVBF082319

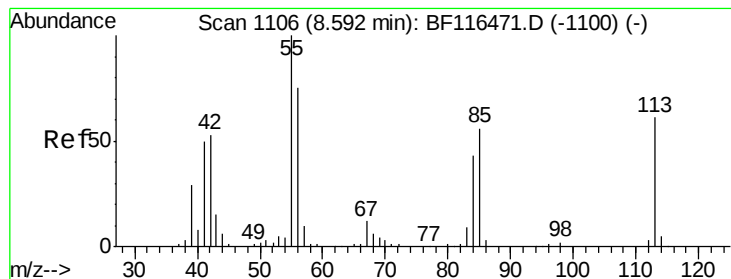
Tot Ion:127	Resp:	301821
Ion Ratio	Lower	Upper
127	100	
129	31.7	25.7 38.5
65	34.1	25.0 37.6
92	20.3	15.0 22.6



#34
Hexachlorobutadiene
Concen: 38.254 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion:225	Resp:	118424
Ion Ratio	Lower	Upper
225	100	
223	62.1	50.3 75.5
227	64.0	51.0 76.4





#35

Caprolactam

Concen: 37.799 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

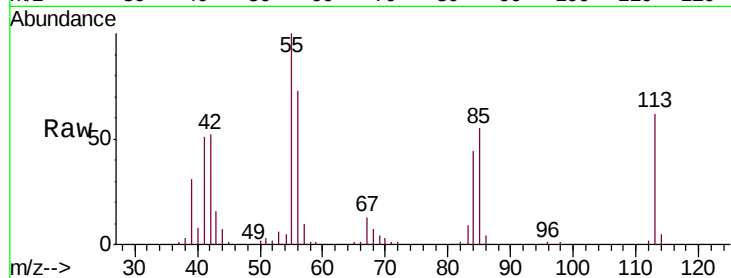
Tot Ion:113 Resp: 66387

Ion Ratio Lower Upper

113 100

55 160.3 143.6 183.6

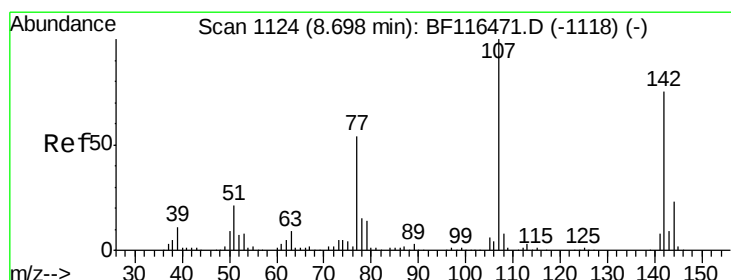
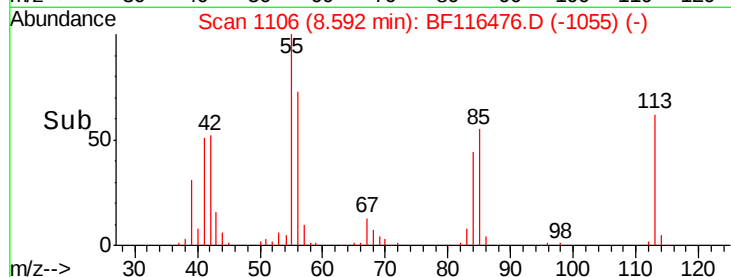
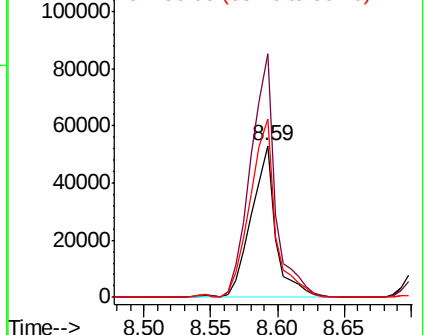
56 117.7 102.3 142.3



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: 39.870 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

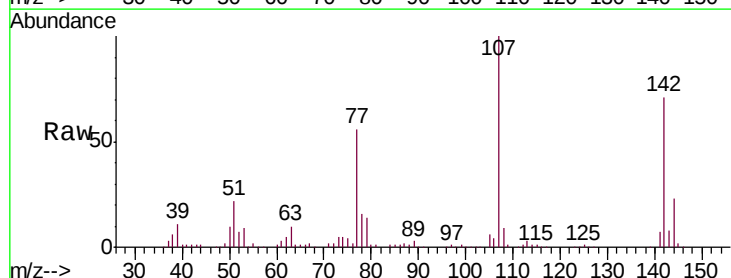
Tgt Ion:107 Resp: 226822

Ion Ratio Lower Upper

107 100

144 23.2 18.8 28.2

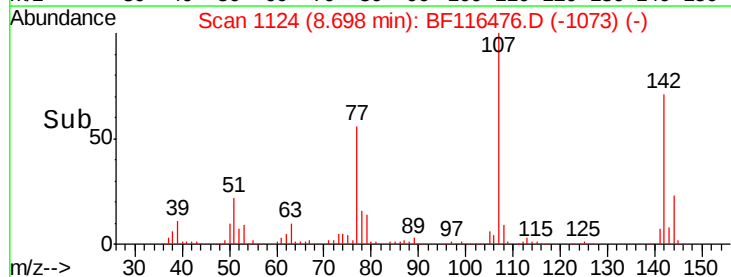
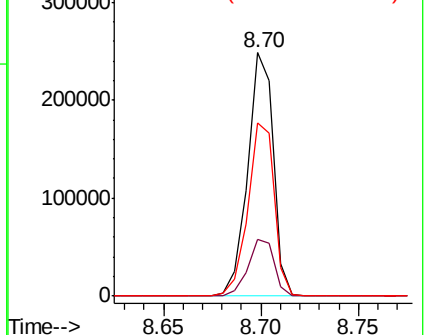
142 71.2 59.8 89.6

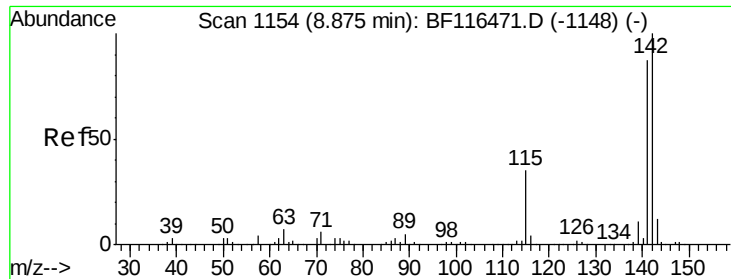


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

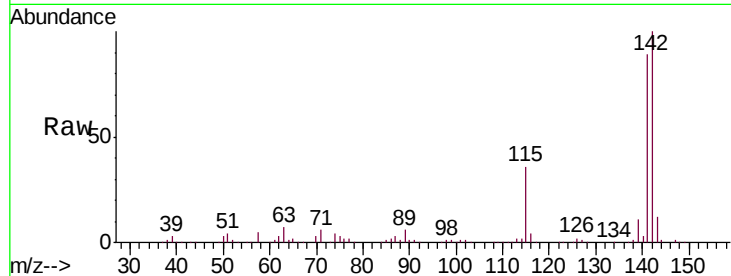




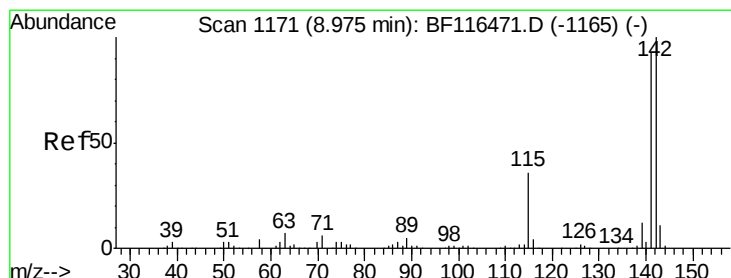
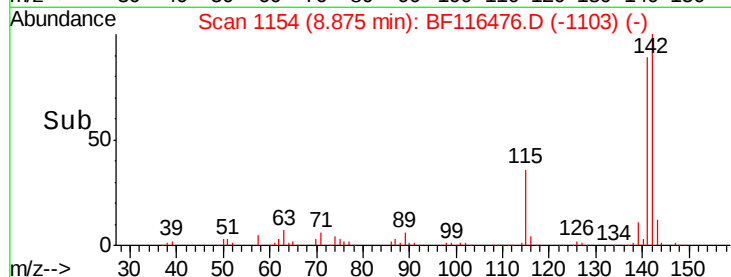
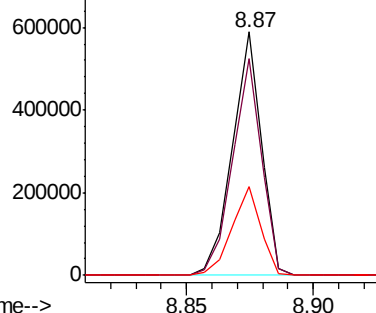
#37
 2-Methylnaphthalene
 Concen: 38.817 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.8	104.6
115	36.4	27.7	41.5

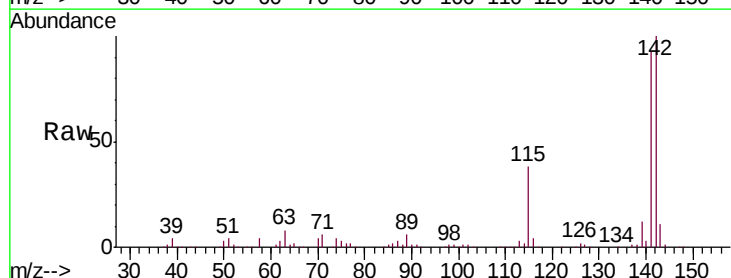


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

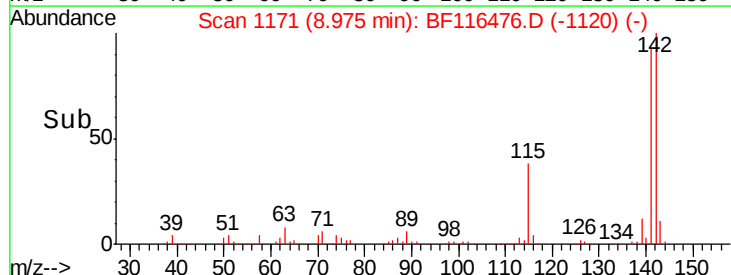
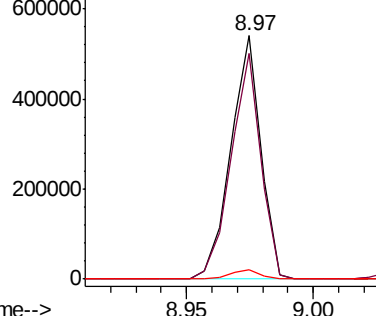


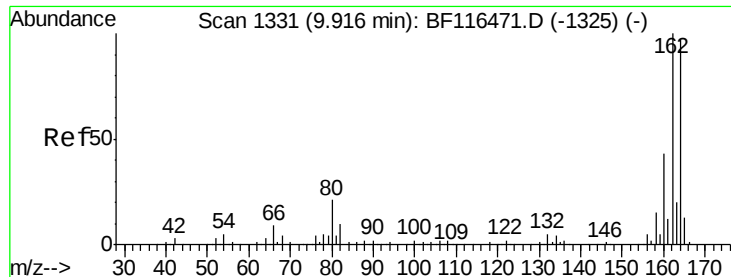
#38
 1-Methylnaphthalene
 Concen: 39.006 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.2
116	3.8	2.9	4.3



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

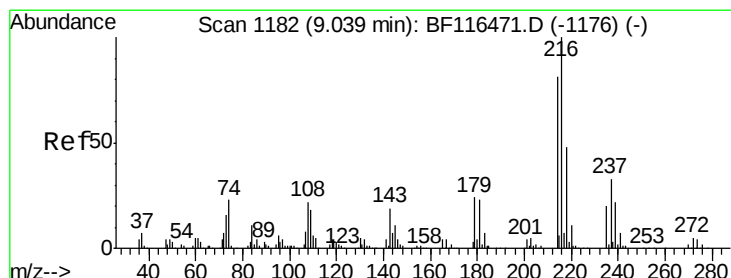
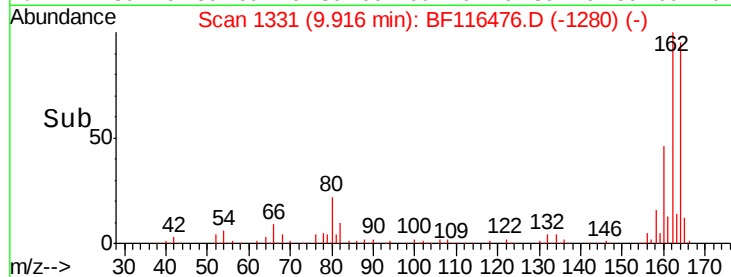
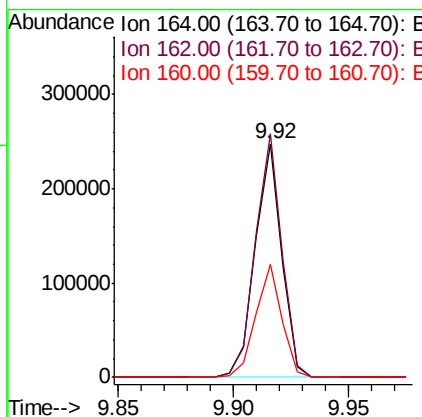
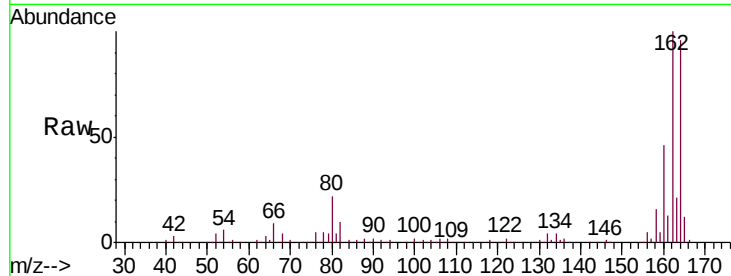




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

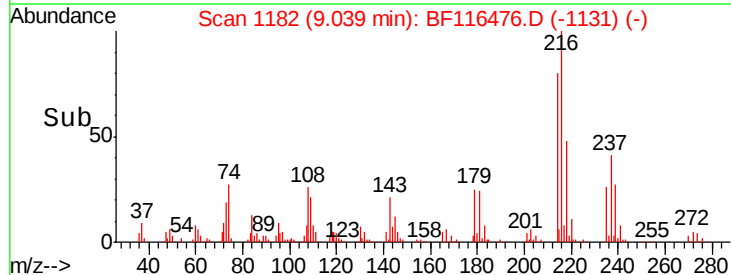
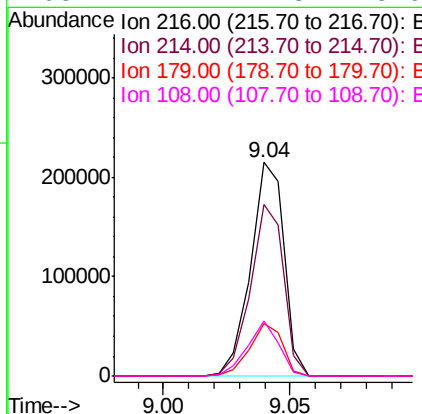
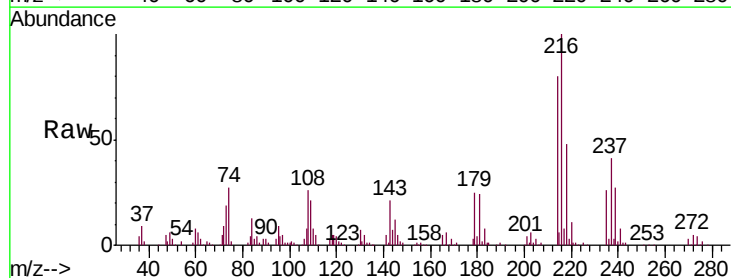
Instrument :
BNA_F
ClientSampleId :
ICVBF082319

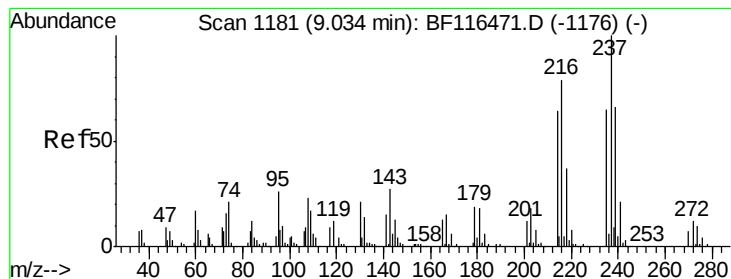
Tot Ion:164 Resp: 198474
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 48.4 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.004 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion:216 Resp: 197595
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.8
179 23.9 18.5 27.7
108 24.2 17.3 25.9





#41

Hexachlorocyclopentadiene

Concen: 37.349 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

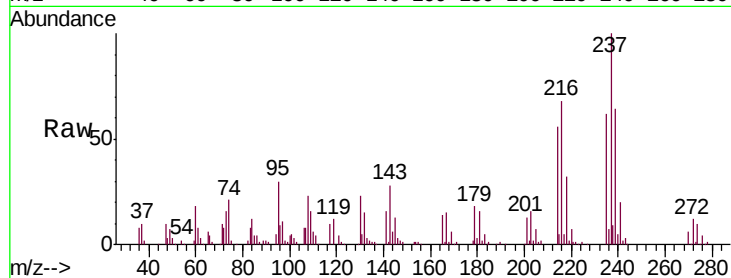
Tot Ion:237 Resp: 107302

Ion Ratio Lower Upper

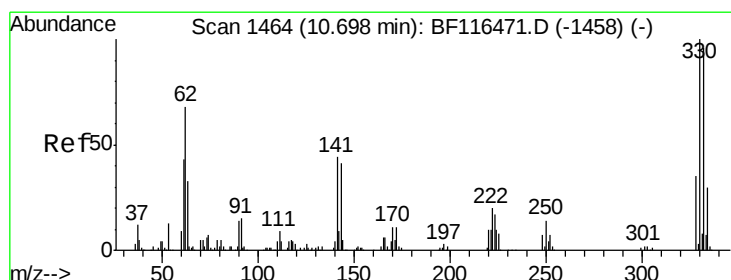
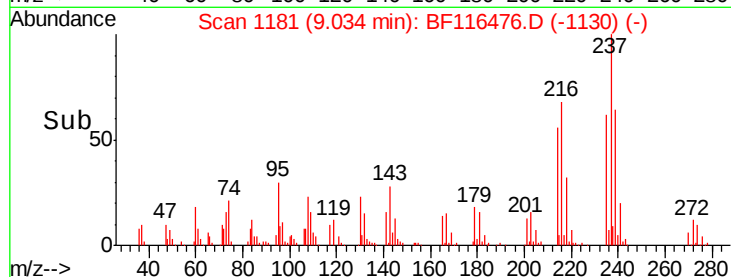
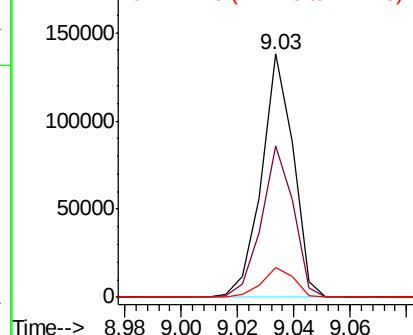
237 100

235 62.2 44.8 84.8

272 12.3 0.0 32.5



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: 73.475 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

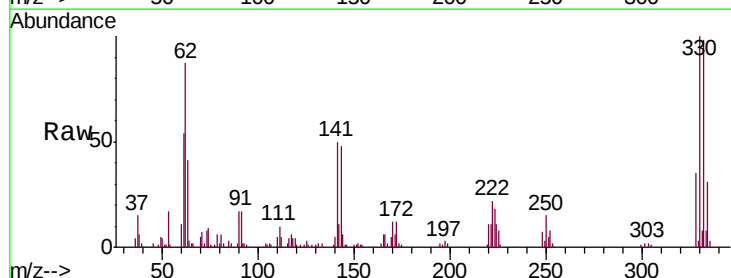
Tgt Ion:330 Resp: 125219

Ion Ratio Lower Upper

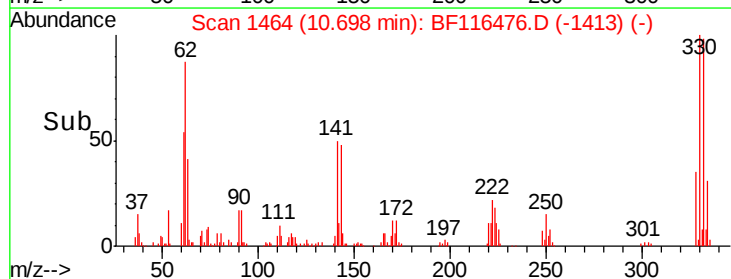
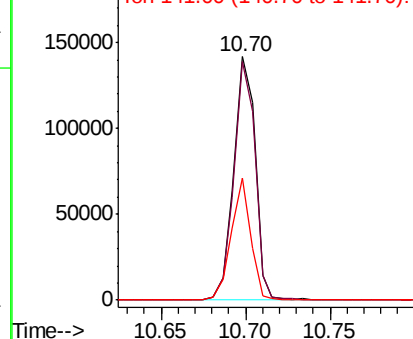
330 100

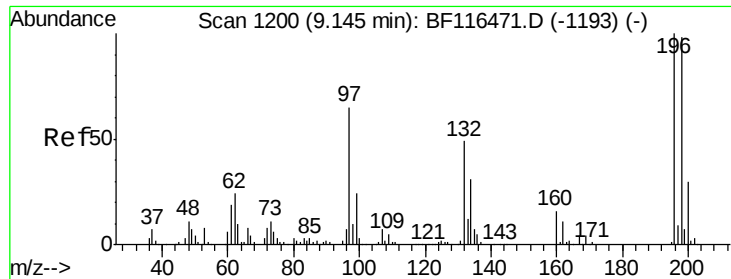
332 96.7 77.2 115.8

141 45.1 33.3 49.9



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

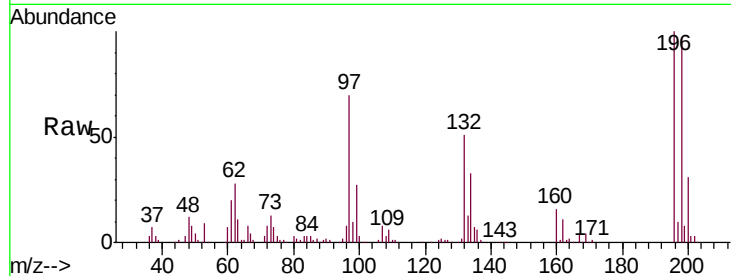




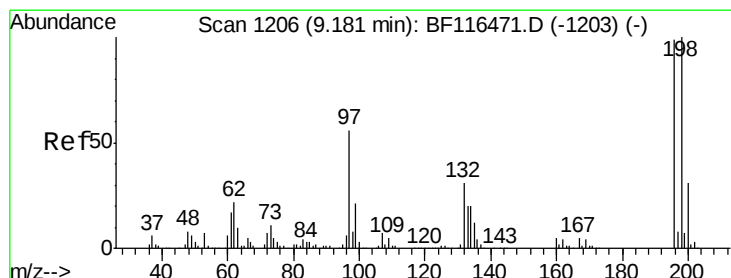
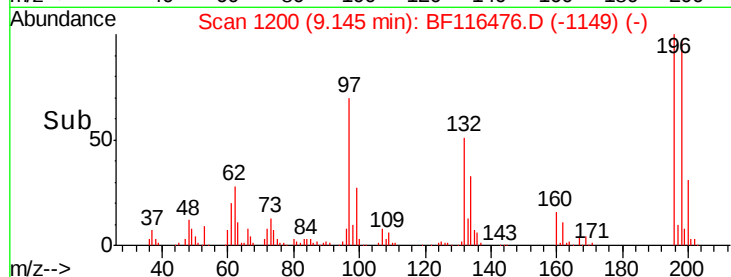
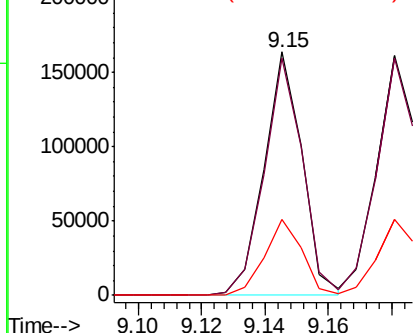
#43
 2,4,6-Trichlorophenol
 Concen: 36.627 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

Tot Ion:196 Resp: 136882
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.0 117.0
 200 31.3 24.2 36.2

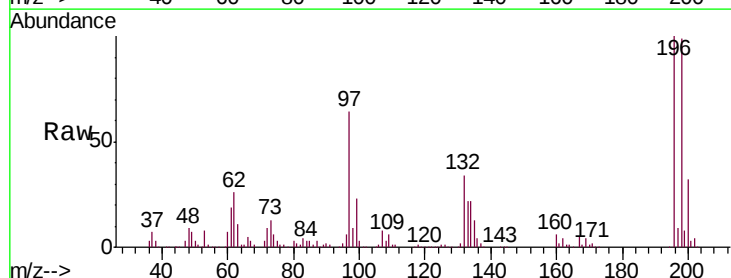


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

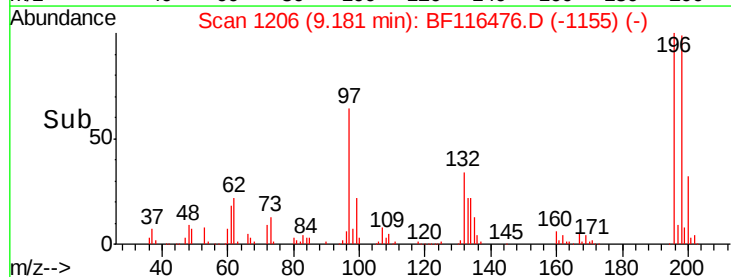
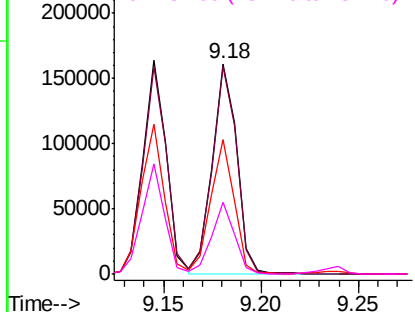


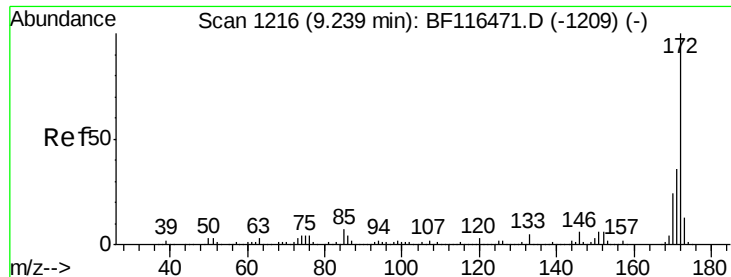
#44
 2,4,5-Trichlorophenol
 Concen: 37.051 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Tgt Ion:196 Resp: 140891
 Ion Ratio Lower Upper
 196 100
 198 98.7 80.8 121.2
 97 63.9 45.7 68.5
 132 33.9 25.1 37.7



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

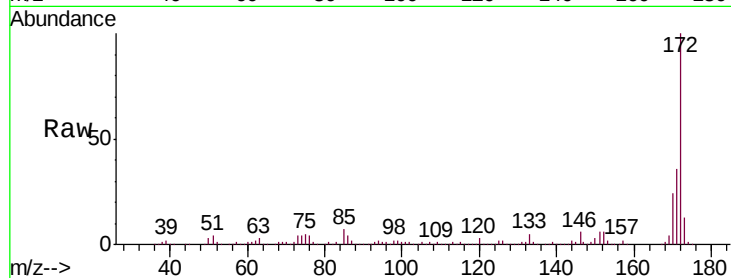




#45
2-Fluorobiphenyl
Concen: 76.853 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF082319

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.6	19.4	29.0

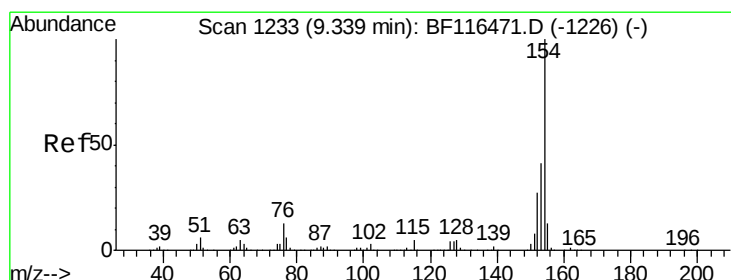
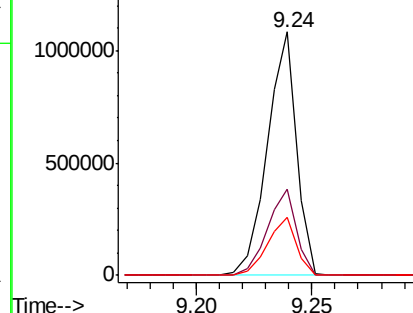
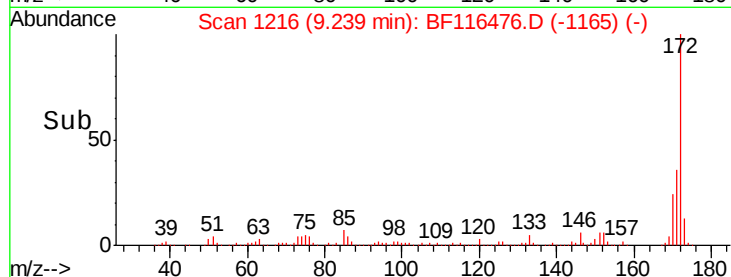


Abundance

Ion 172.00 (171.70 to 172.70): E

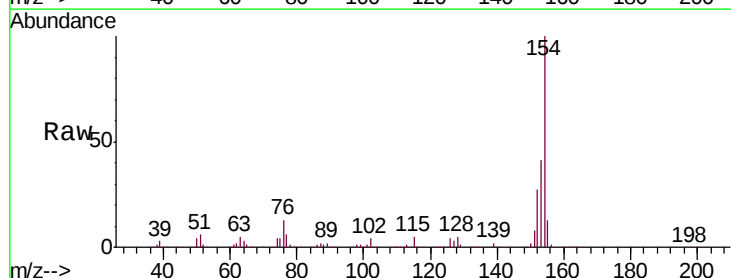
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.170 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	13.2	0.0	32.9

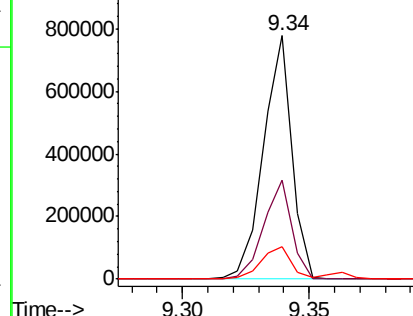
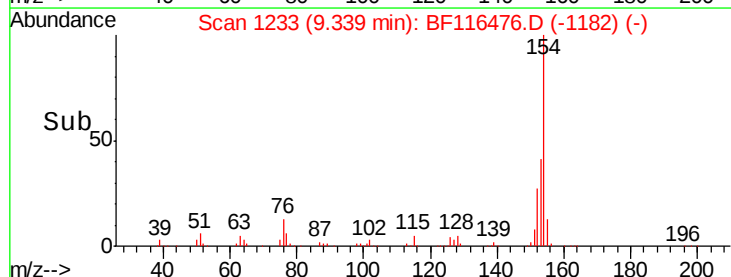


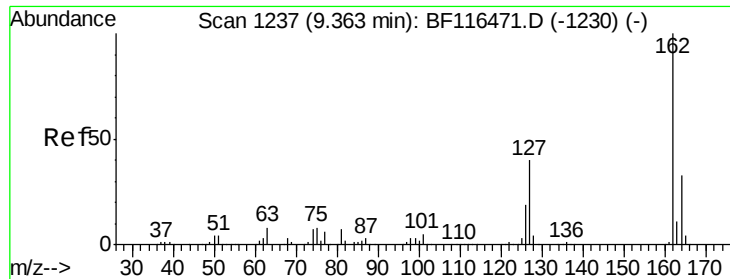
Abundance

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

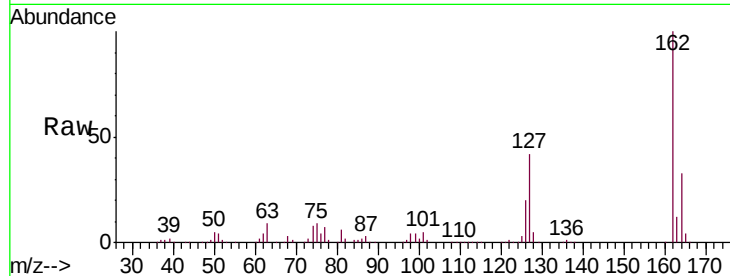




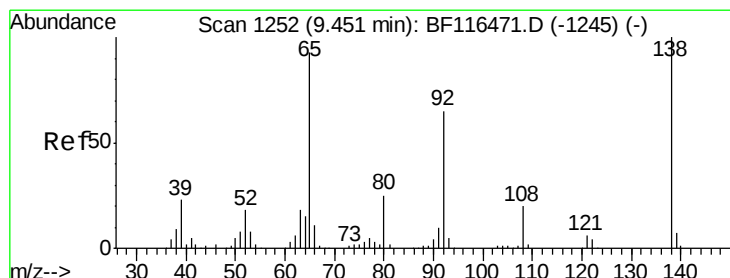
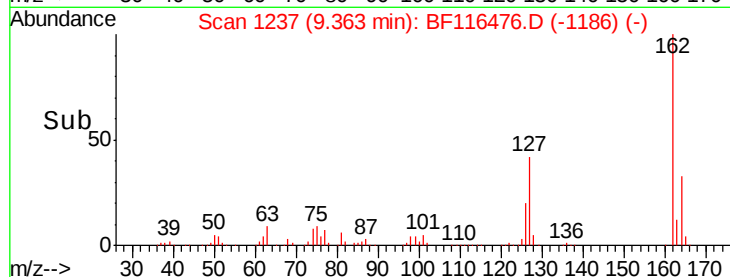
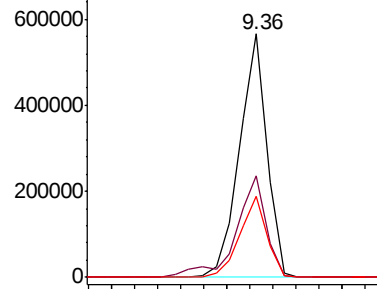
#47
 2-Chloronaphthalene
 Concen: 37.893 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.5	48.7
164	33.1	26.7	40.1

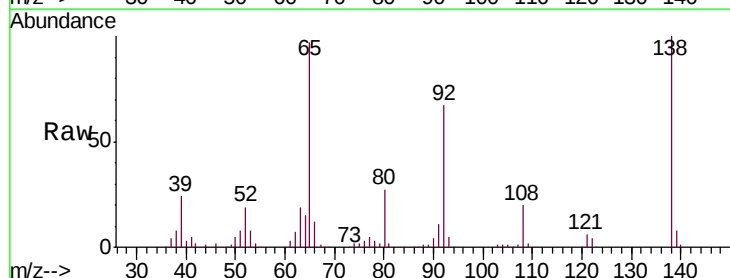


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

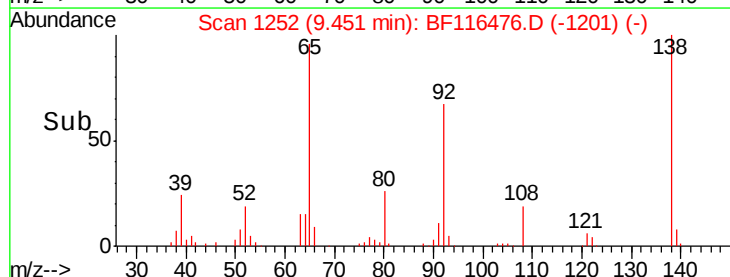
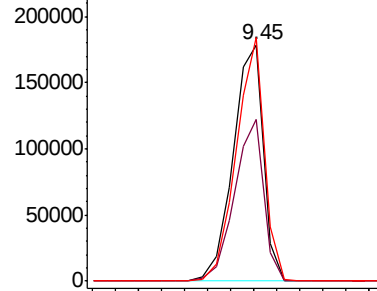


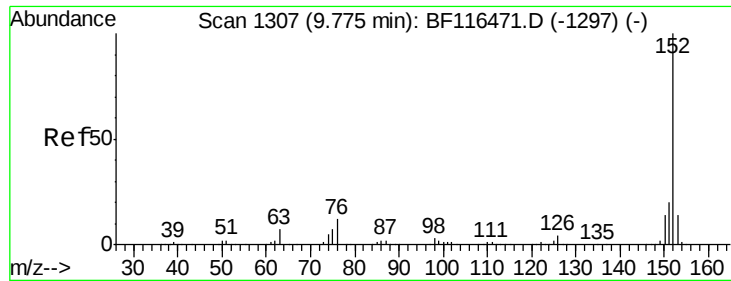
#48
 2-Nitroaniline
 Concen: 43.252 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	56.2	84.2
138	103.1	86.0	129.0



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





#49

Acenaphthylene

Concen: 40.616 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

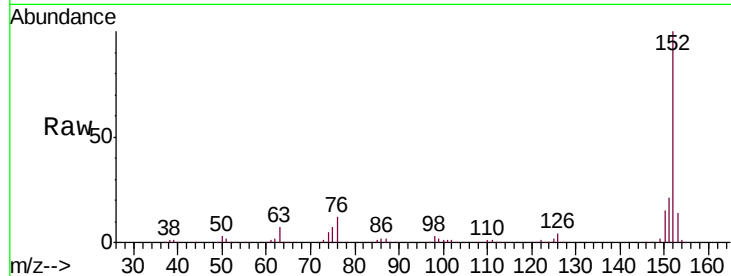
Tot Ion:152 Resp: 731024

Ion Ratio Lower Upper

152 100

151 20.8 16.1 24.1

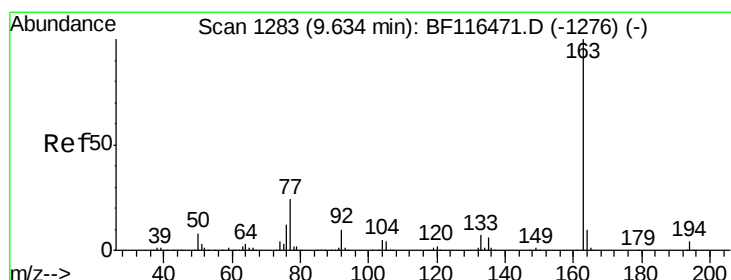
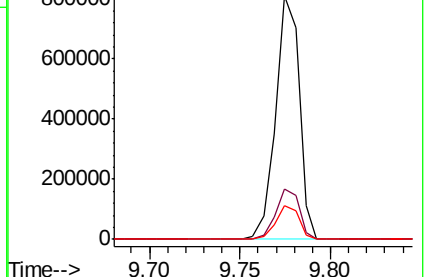
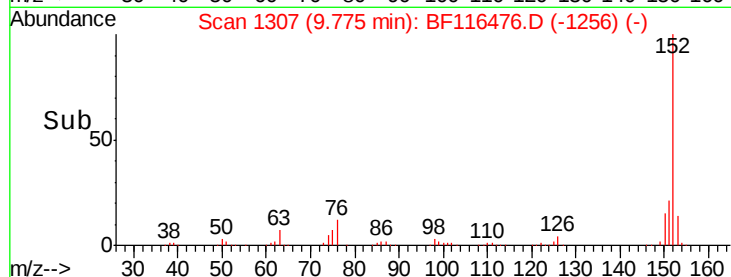
153 13.7 11.4 17.0



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: 39.908 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

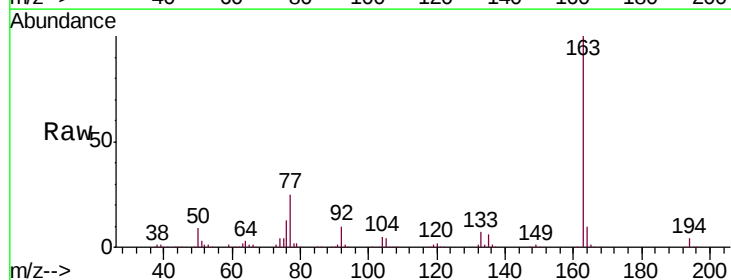
Tgt Ion:163 Resp: 552634

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

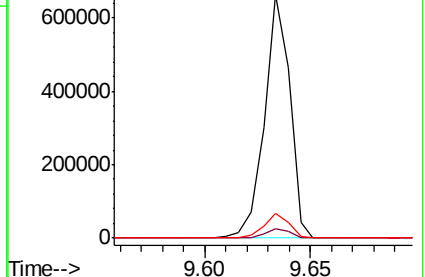
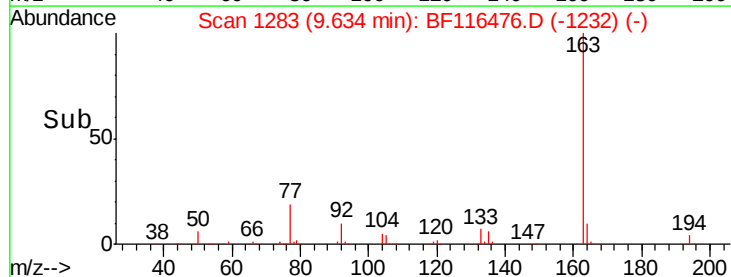
164 10.2 8.2 12.2

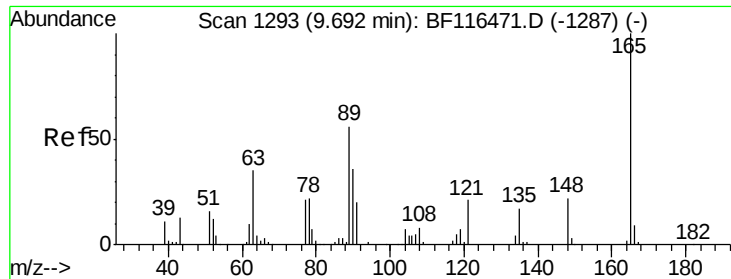


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

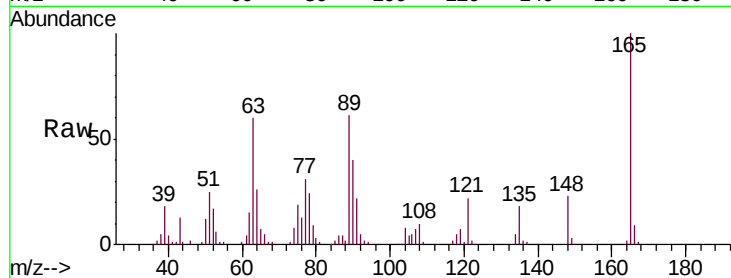




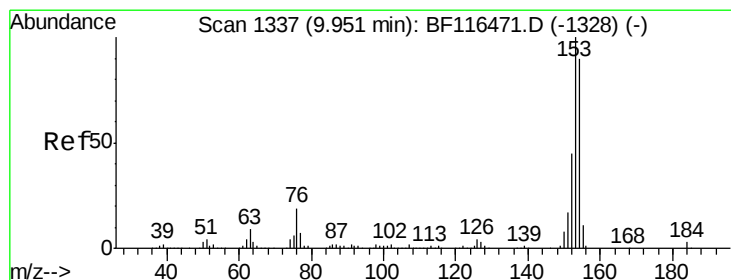
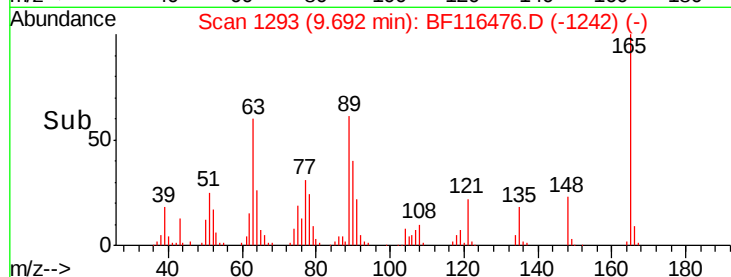
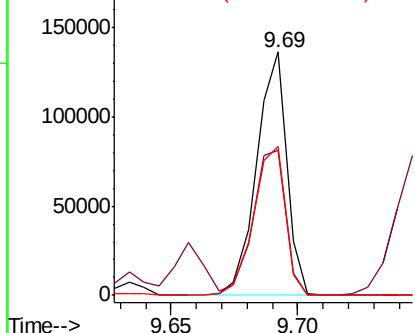
#51
 2,6-Dinitrotoluene
 Concen: 40.169 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

Tot Ion:165 Resp: 113855
 Ion Ratio Lower Upper
 165 100
 63 59.5 43.7 65.5
 89 61.4 45.1 67.7

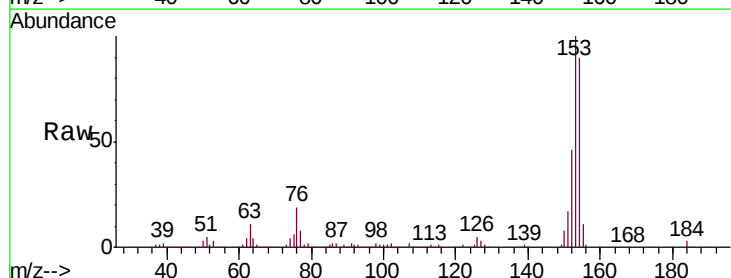


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

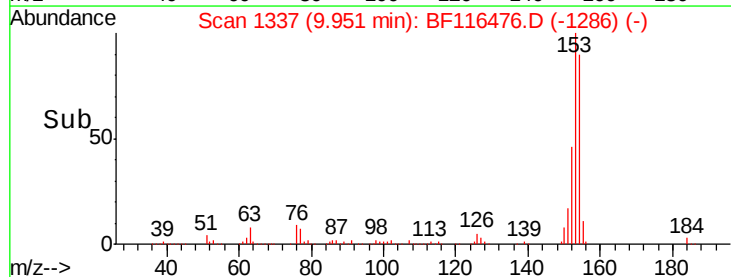
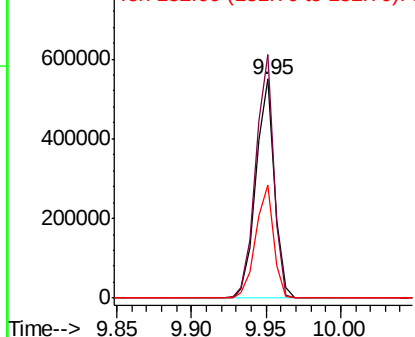


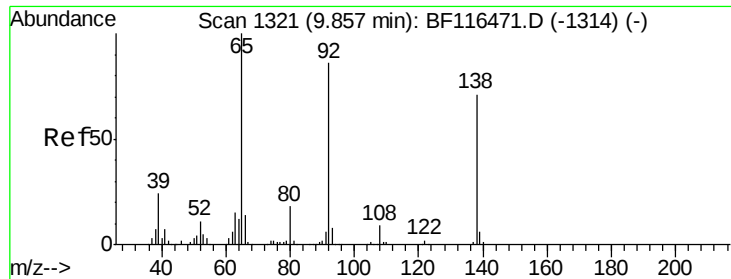
#52
 Acenaphthene
 Concen: 40.560 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Tgt Ion:154 Resp: 468436
 Ion Ratio Lower Upper
 154 100
 153 111.1 89.3 133.9
 152 51.6 40.2 60.4



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

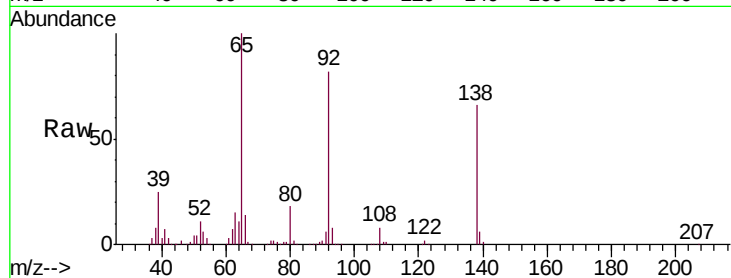




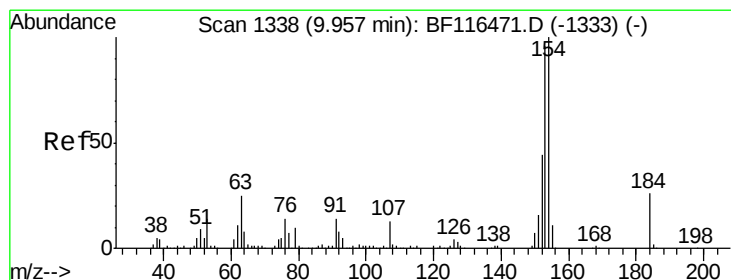
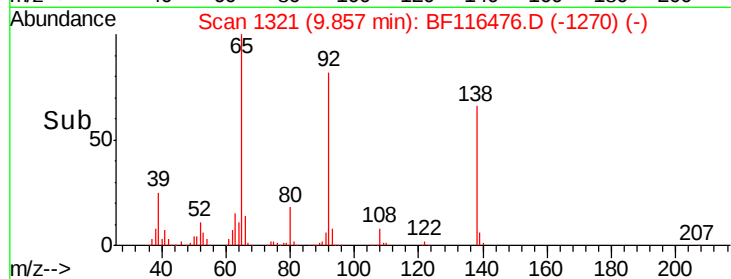
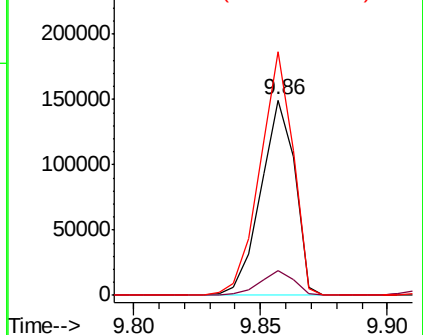
#53
3-Nitroaniline
Concen: 41.182 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF082319

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.0	15.0
92	124.7	97.7	146.5

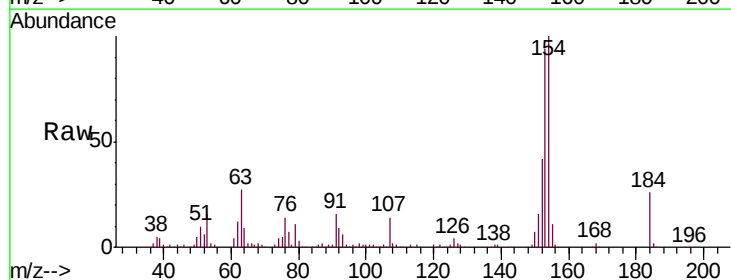


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

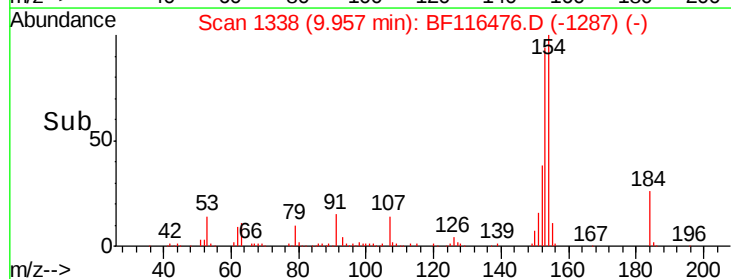
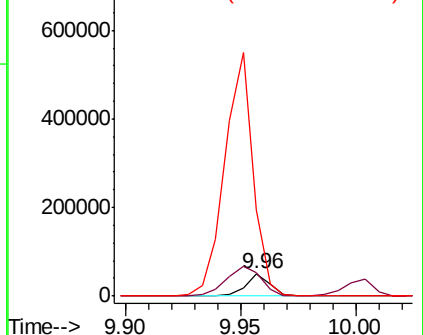


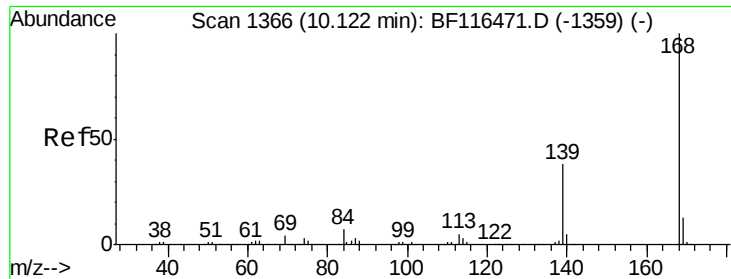
#54
2,4-Dinitrophenol
Concen: 38.479 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	102.6	78.2	117.4
154	384.4	320.4	480.6



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

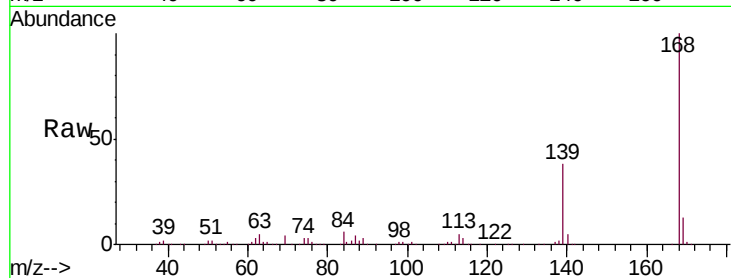




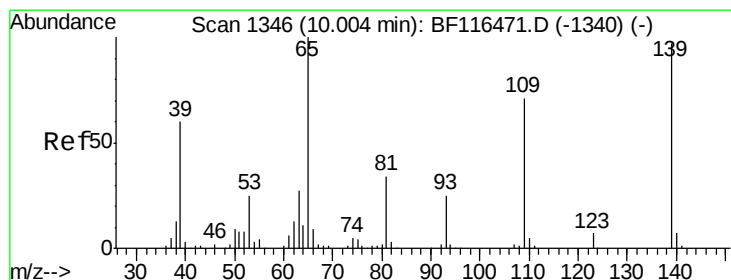
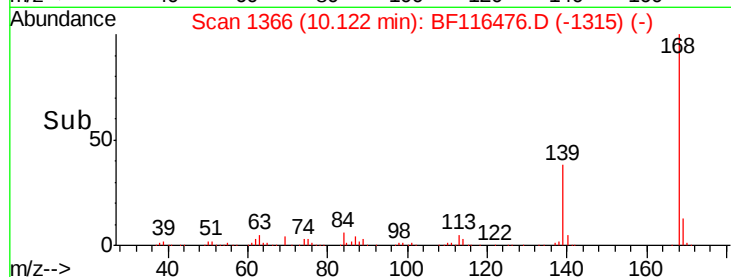
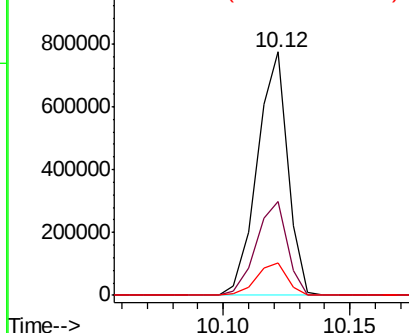
#55
Dibenzenofuran
Concen: 40.375 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF082319

Tot Ion:168 Resp: 649998
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1
169 13.1 10.7 16.1

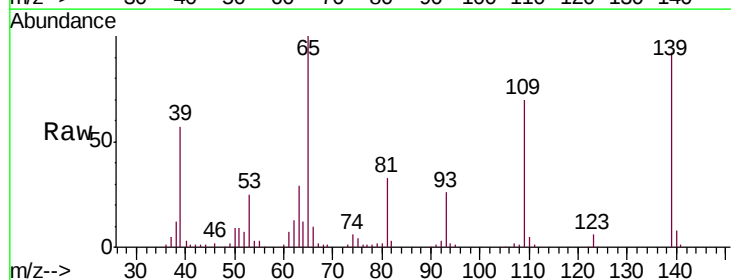


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

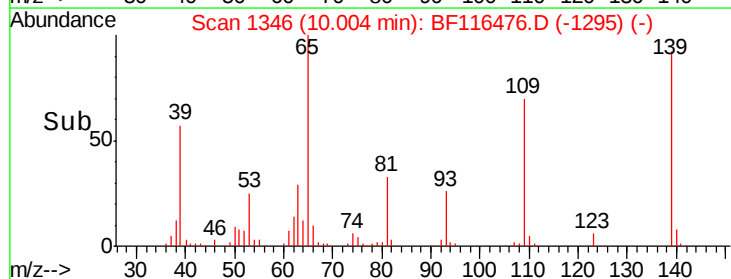
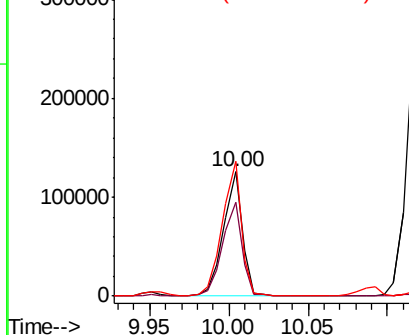


#56
4-Nitrophenol
Concen: 39.886 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion:139 Resp: 104742
Ion Ratio Lower Upper
139 100
109 76.0 53.4 93.4
65 108.6 83.0 123.0



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

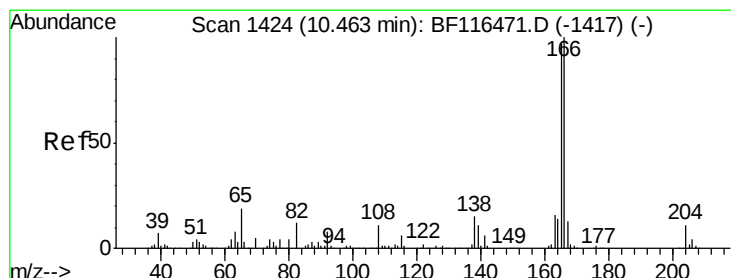
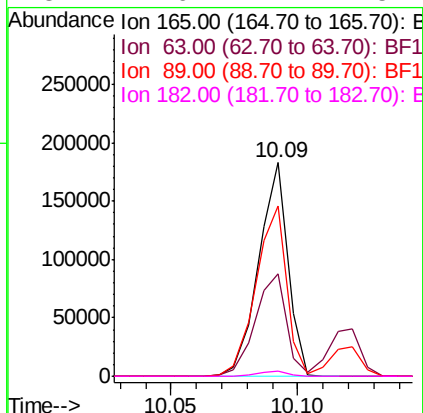
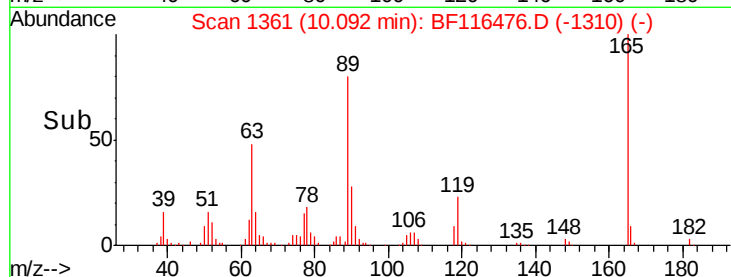
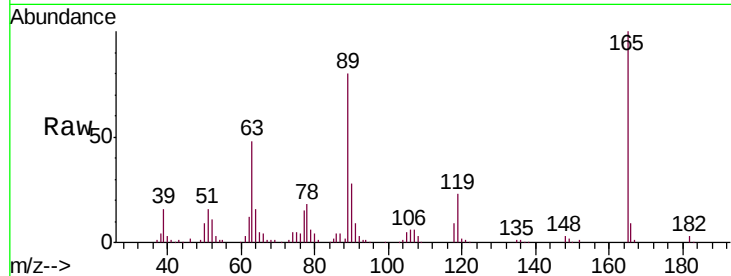




#57
2,4-Dinitrotoluene
Concen: 40.862 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

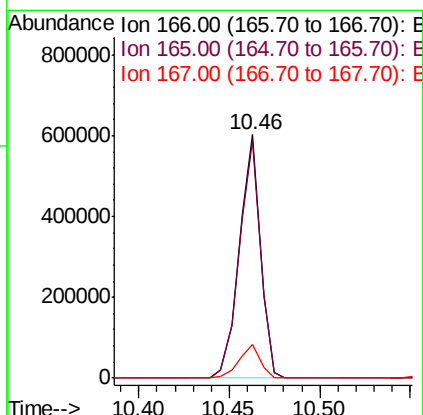
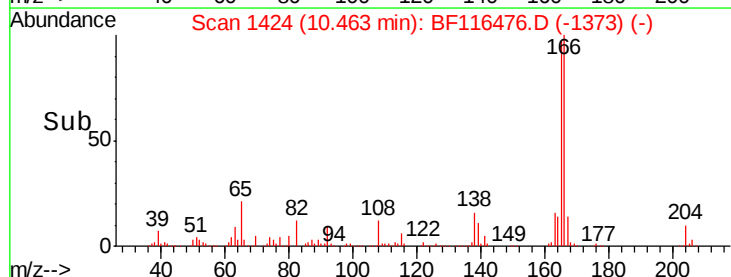
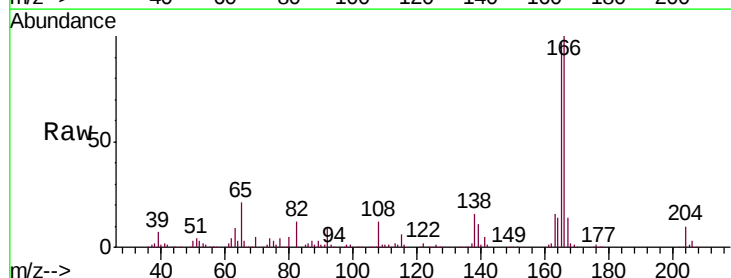
Instrument :
BNA_F
ClientSampleId :
ICVBF082319

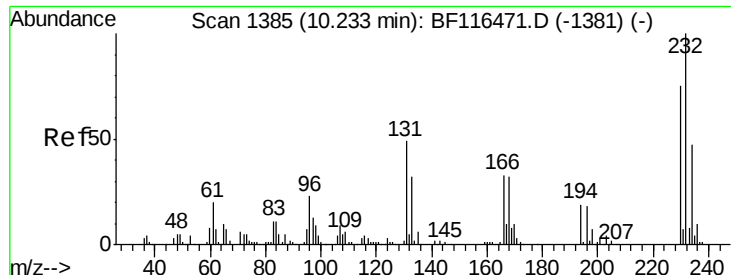
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	36.9	55.3
89	79.7	63.4	95.0
182	2.6	2.1	3.1



#58
Fluorene
Concen: 38.874 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.4	116.0
167	13.7	10.8	16.2

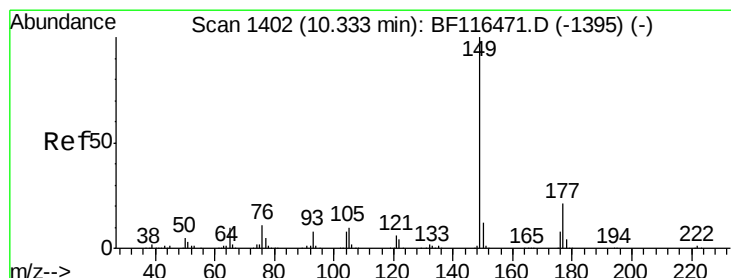
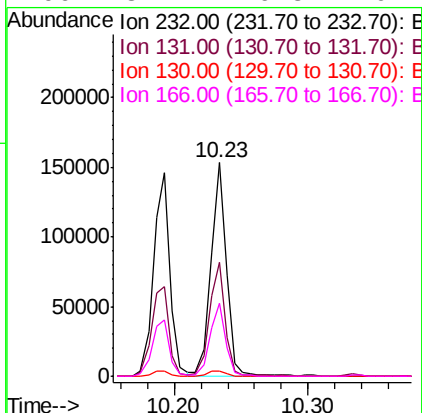
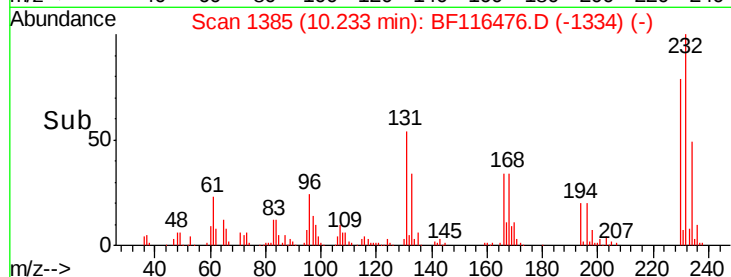
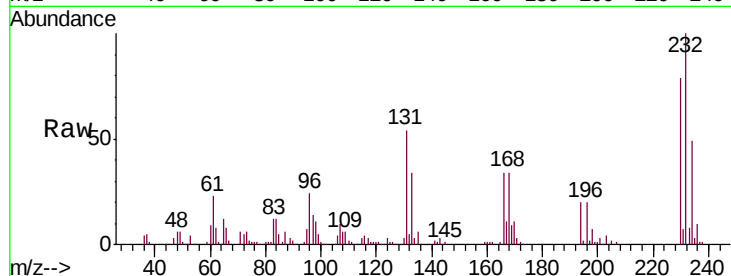




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.463 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

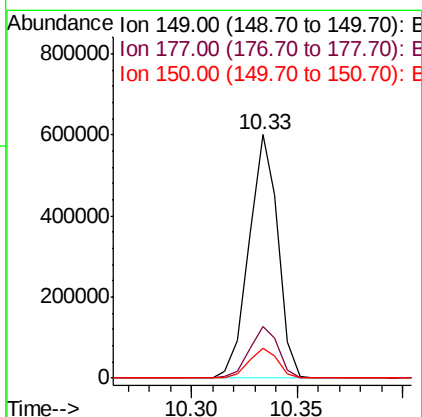
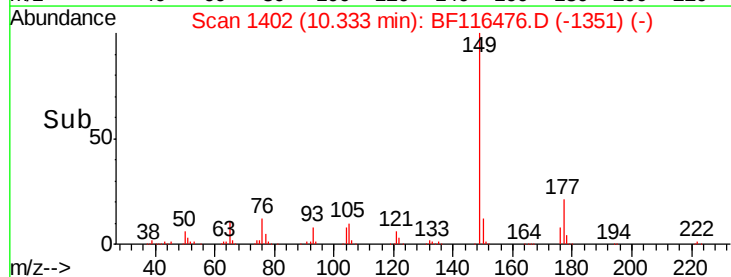
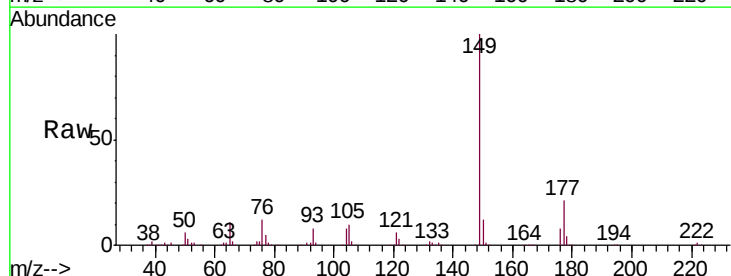
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

Tot Ion:	232	Resp:	126340
Ion	Ratio	Lower	Upper
232	100		
131	53.7	40.8	61.2
130	2.7	1.8	2.8
166	34.2	26.8	40.2



#60
 Diethylphthalate
 Concen: 41.853 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Tgt Ion:	149	Resp:	569633
Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.1	25.7
150	12.3	9.8	14.6

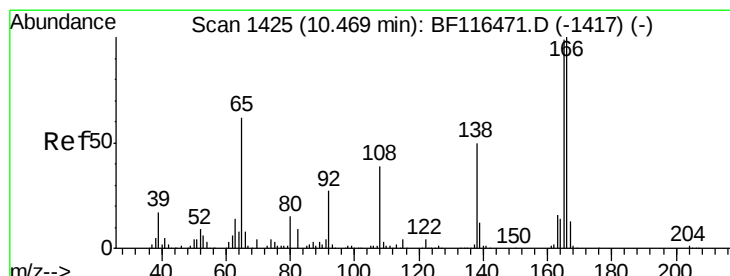
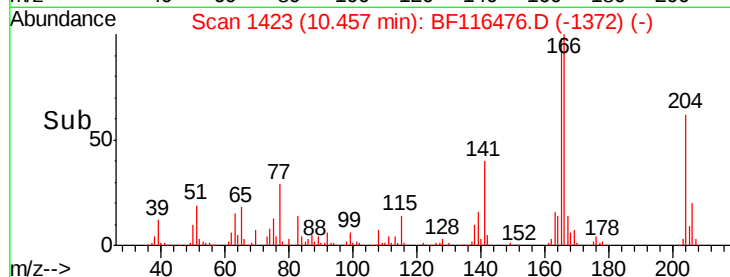
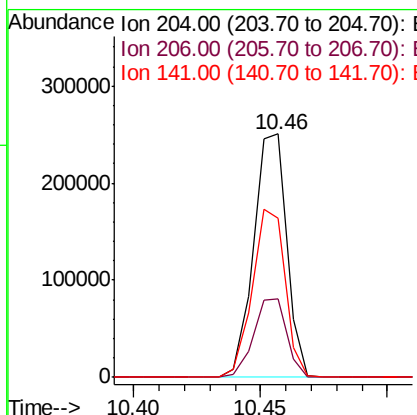
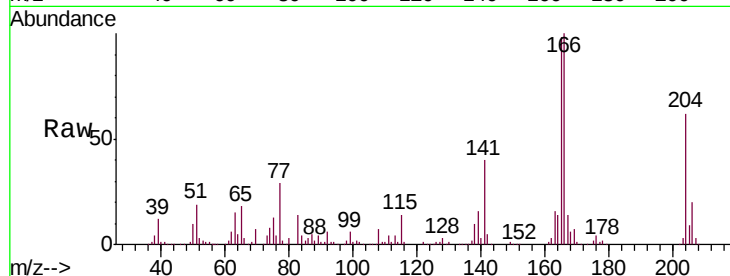




#61
 4-Chlorophenyl-phenylether
 Concen: 37.717 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

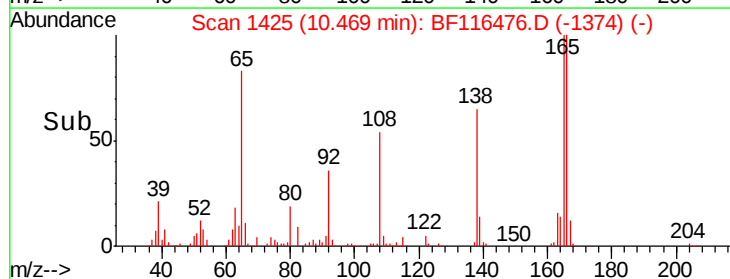
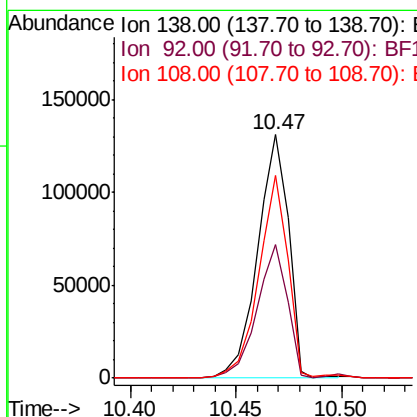
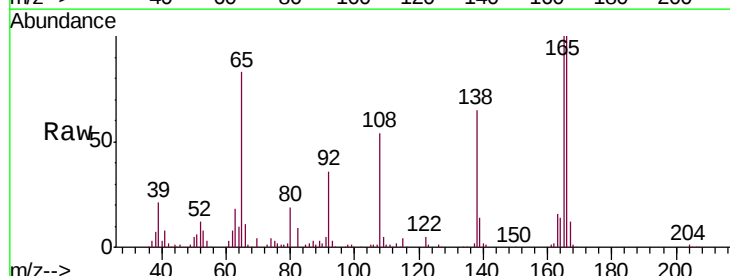
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

Tot Ion:	204	Resp:	230148
Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.9	38.9
141	65.3	48.6	73.0



#62
 4-Nitroaniline
 Concen: 40.416 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Tgt Ion:	138	Resp:	133549
Ion	Ratio	Lower	Upper
138	100		
92	55.1	34.9	74.9
108	83.2	57.7	97.7





#63

Azobenzene

Concen: 41.694 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

Tot Ion: 77 Resp: 583468

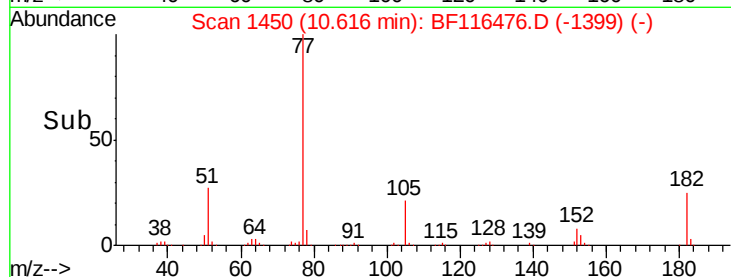
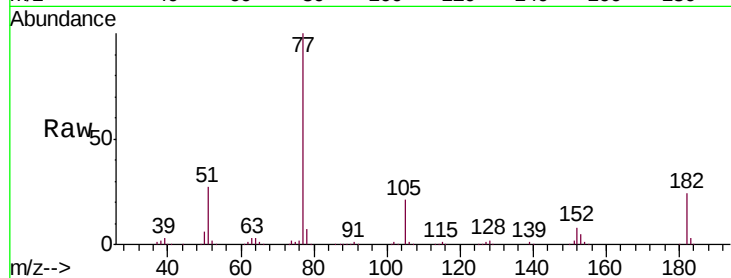
Ion Ratio Lower Upper

77 100

182 24.5 5.4 45.4

105 21.4 1.6 41.6

51 26.9 6.2 46.2

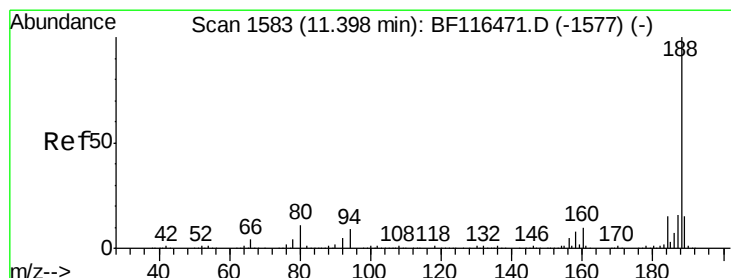
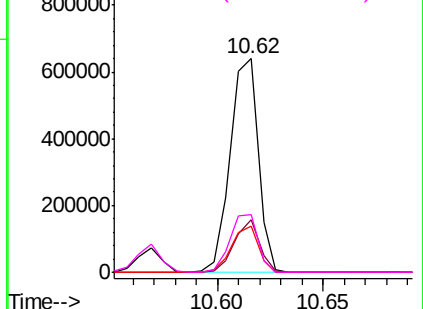


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

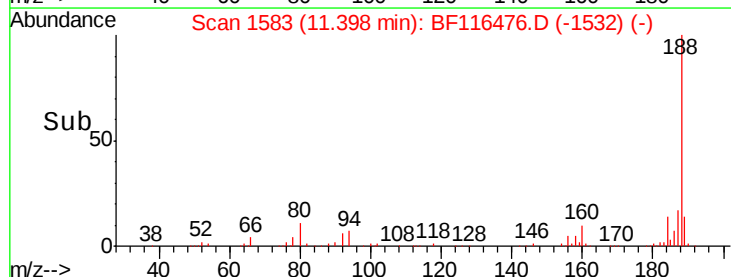
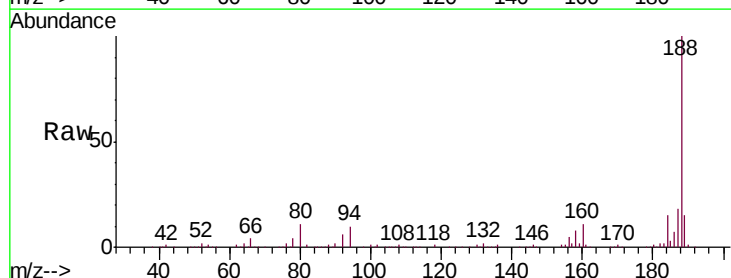
Tgt Ion: 188 Resp: 328158

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

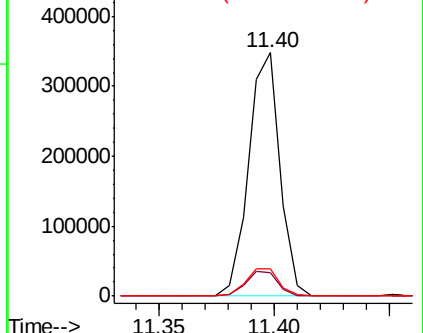
80 11.4 8.6 12.8

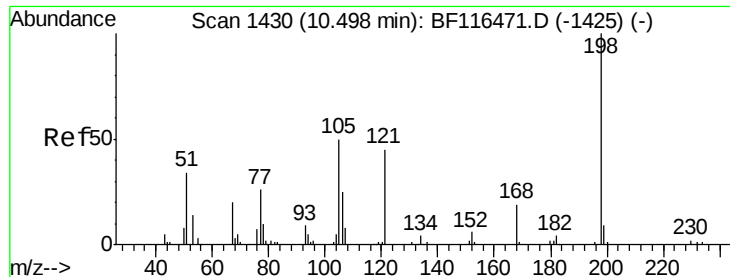


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.146 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

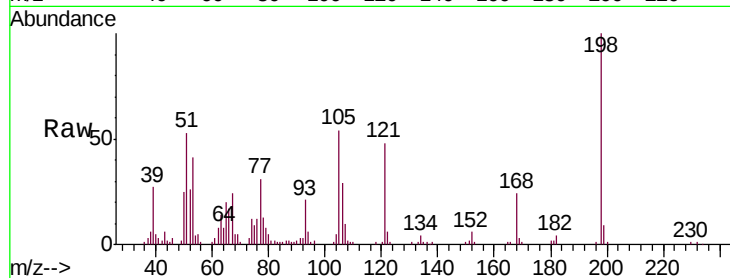
Tot Ion:198 Resp: 52214

Ion Ratio Lower Upper

198 100

51 53.2 30.4 70.4

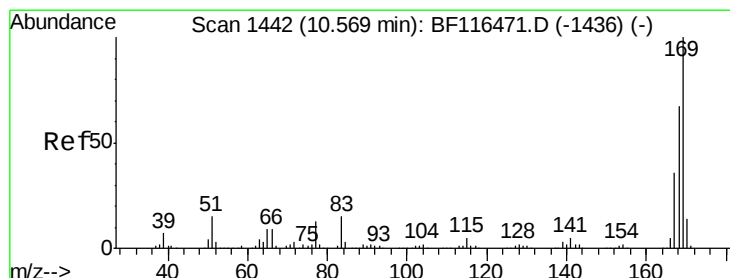
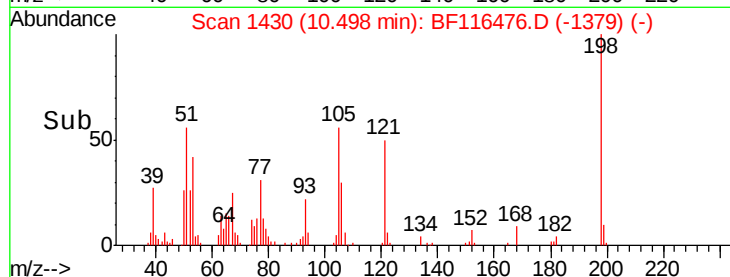
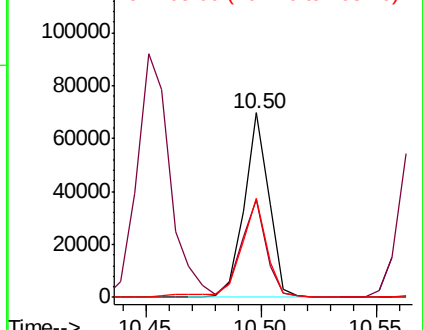
105 53.8 32.8 72.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.708 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

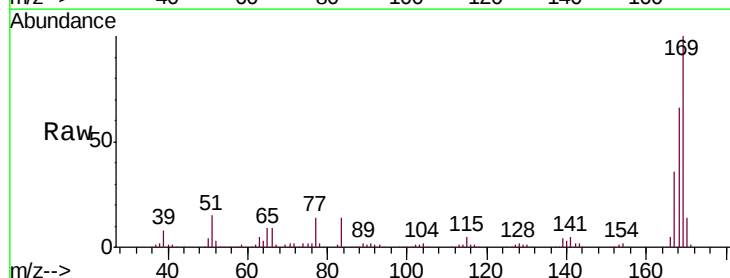
Tgt Ion:169 Resp: 443178

Ion Ratio Lower Upper

169 100

168 66.3 53.6 80.4

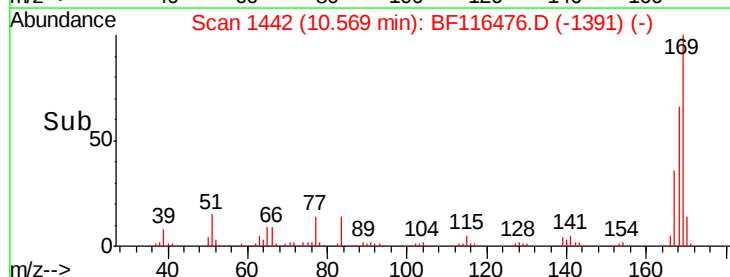
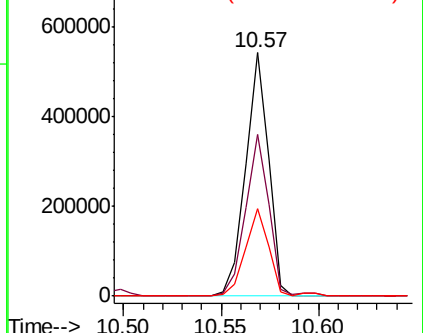
167 36.2 28.7 43.1

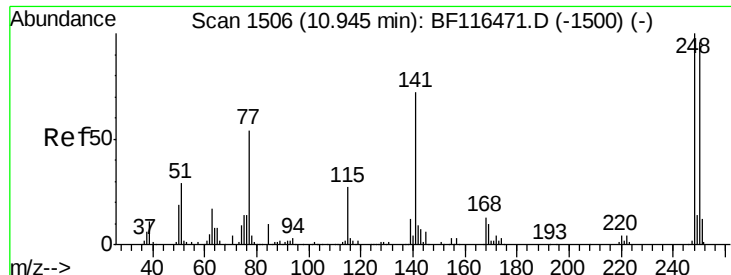


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

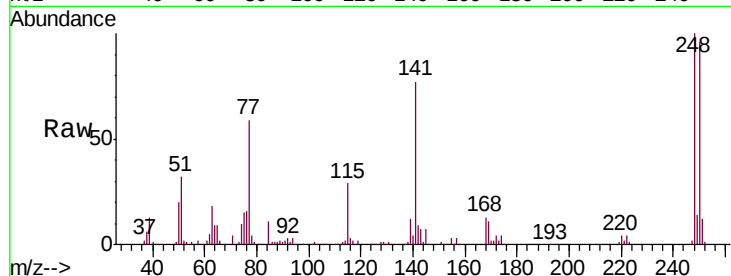




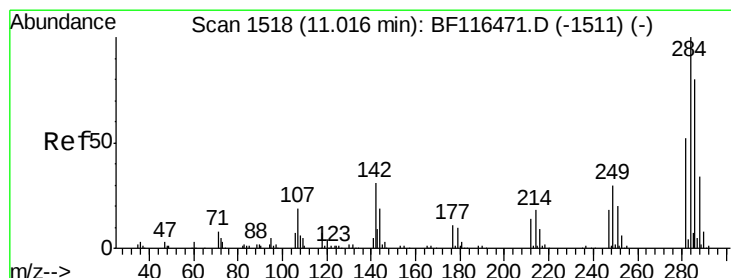
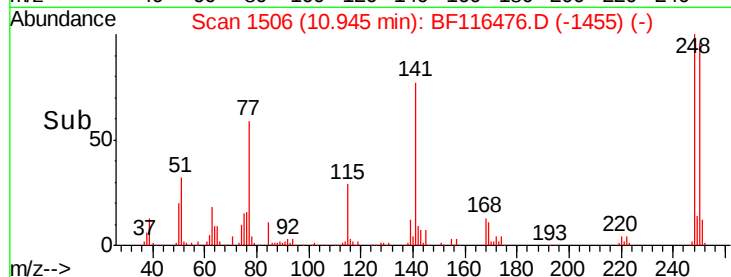
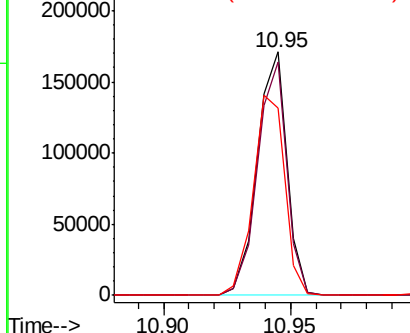
#67
 4-Bromophenyl-phenylether
 Concen: 40.746 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

Tot Ion:248 Resp: 140182
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.0 115.6
 141 76.7 57.4 86.0

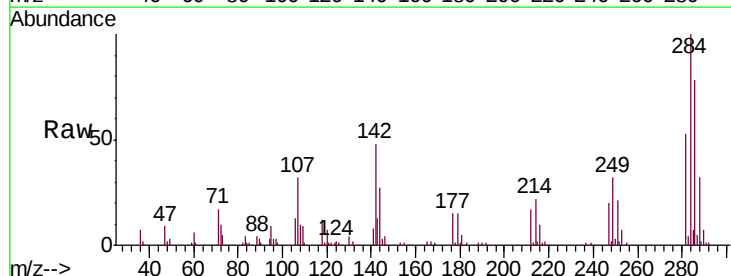


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

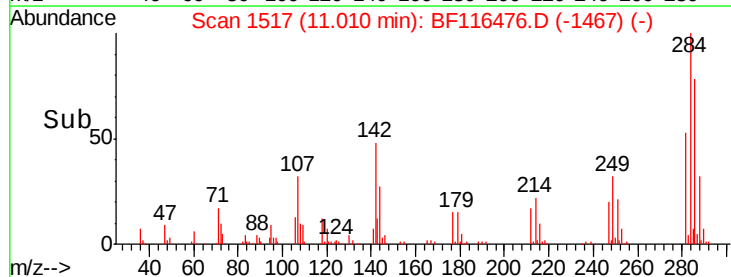
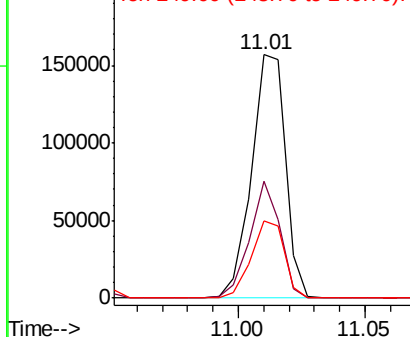


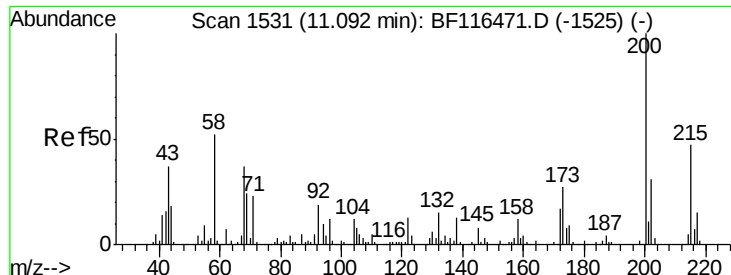
#68
 Hexachlorobenzene
 Concen: 38.563 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Tgt Ion:284 Resp: 146738
 Ion Ratio Lower Upper
 284 100
 142 47.9 24.6 36.8#
 249 31.7 24.1 36.1



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

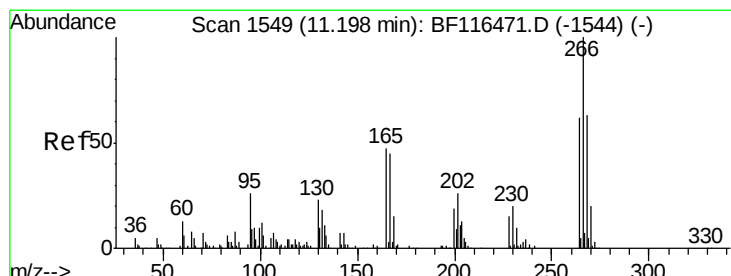
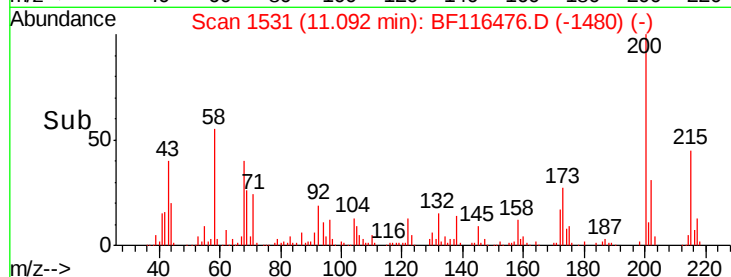
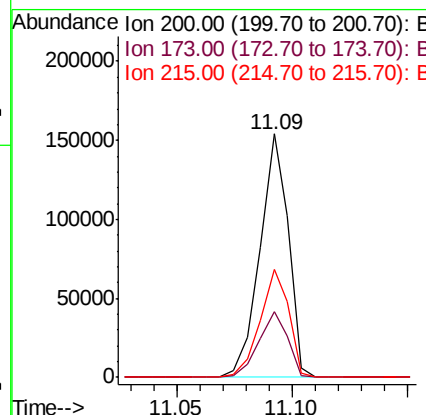
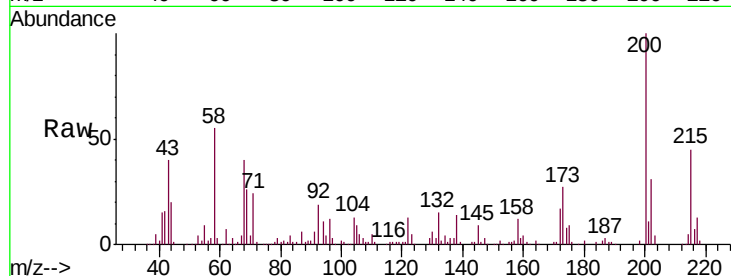




#69
Atrazine
Concen: 41.551 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

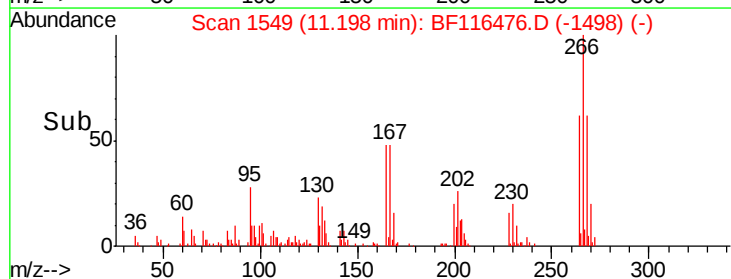
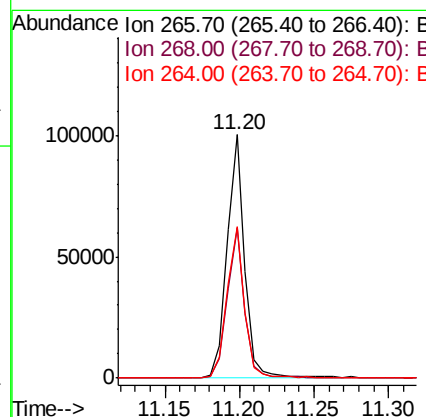
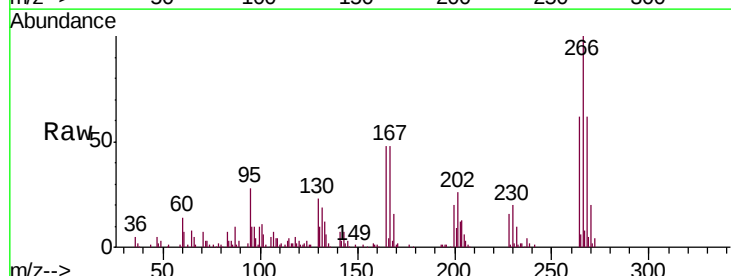
Instrument :
BNA_F
ClientSampleId :
ICVBF082319

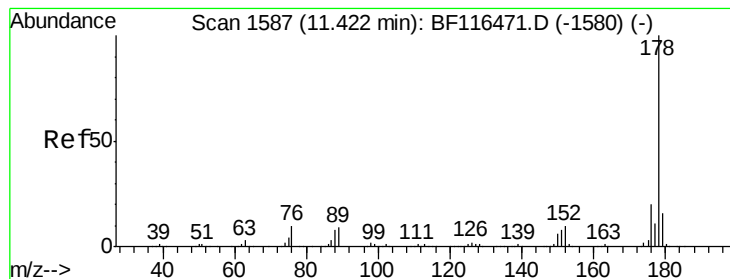
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.3	47.3
215	44.5	26.7	66.7



#70
Pentachlorophenol
Concen: 37.683 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	50.7	76.1
264	62.4	50.0	75.0





#71

Phenanthrene

Concen: 40.760 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

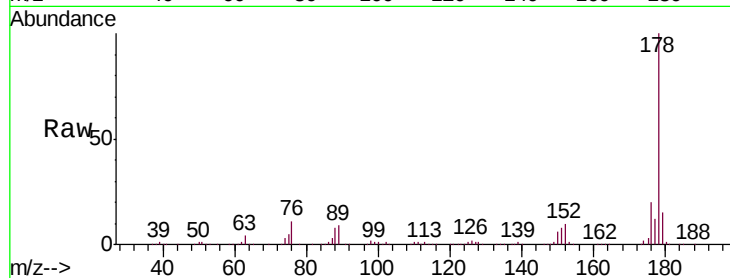
Tot Ion:178 Resp: 728646

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

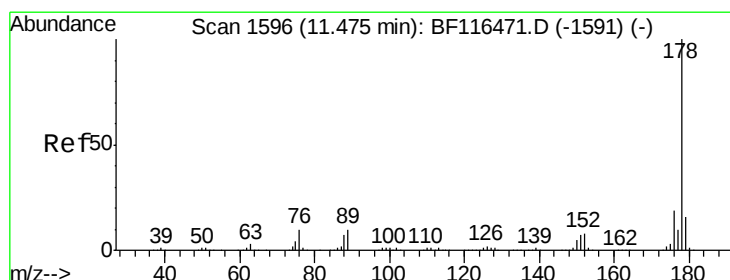
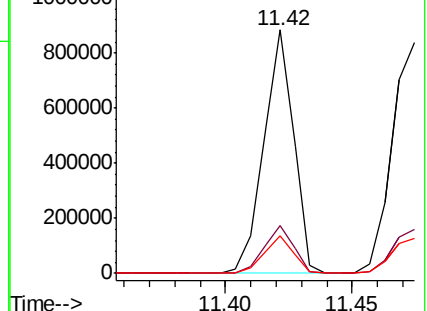
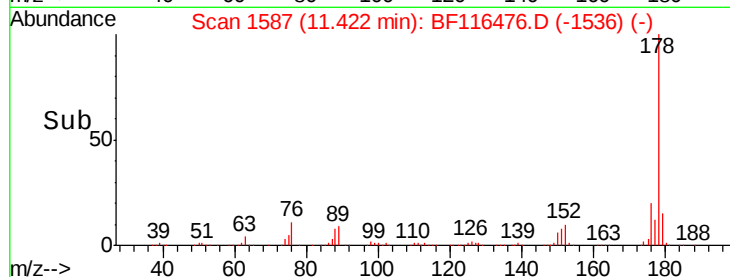
179 15.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.471 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

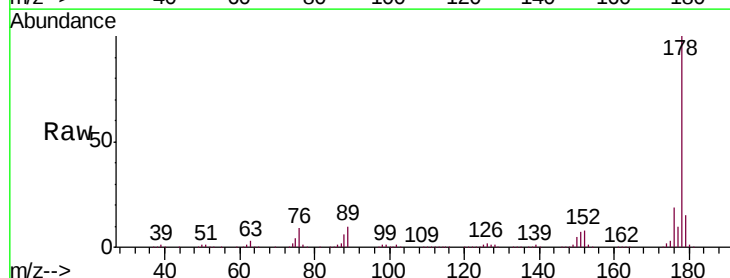
Tgt Ion:178 Resp: 727002

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

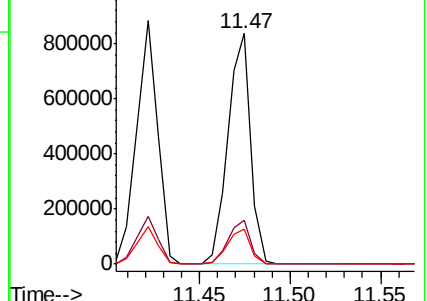
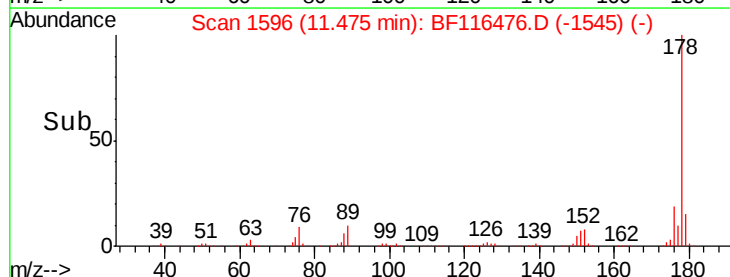
179 15.4 12.5 18.7



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

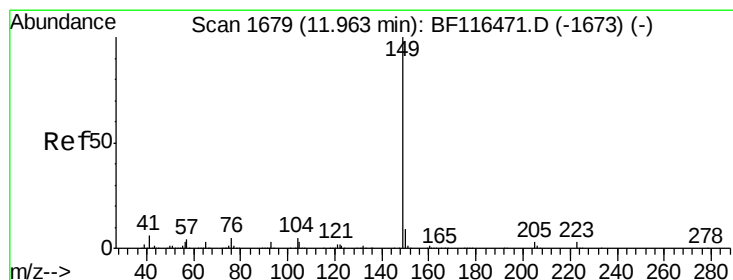
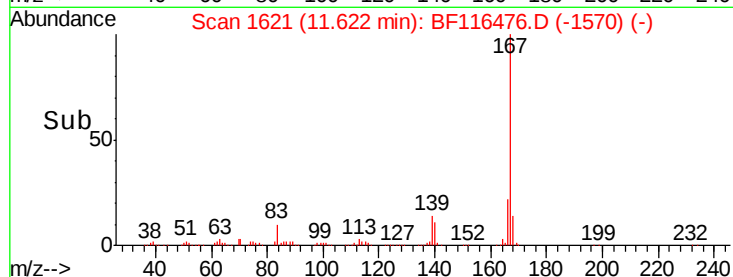
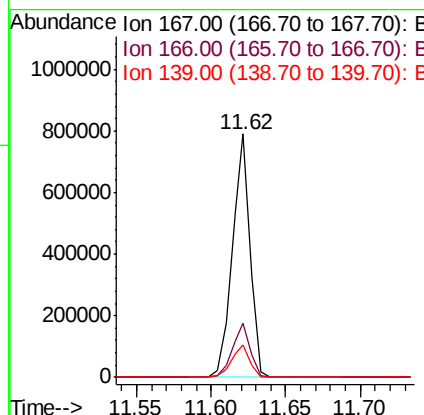
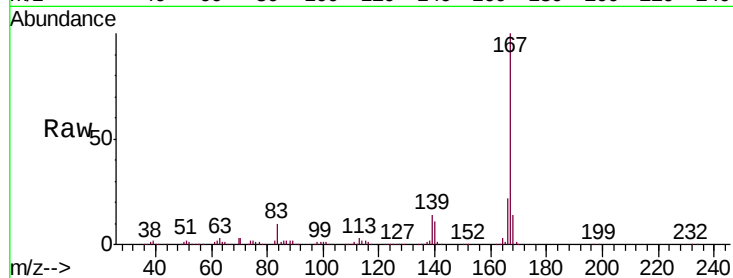




#73
 Carbazole
 Concen: 40.988 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

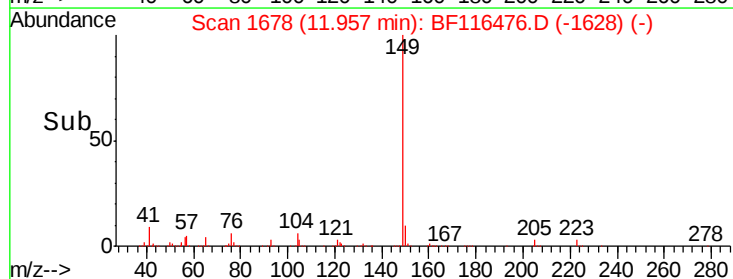
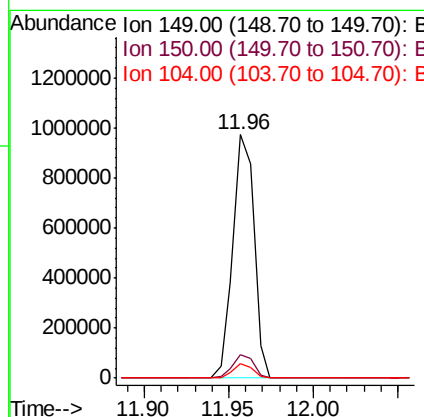
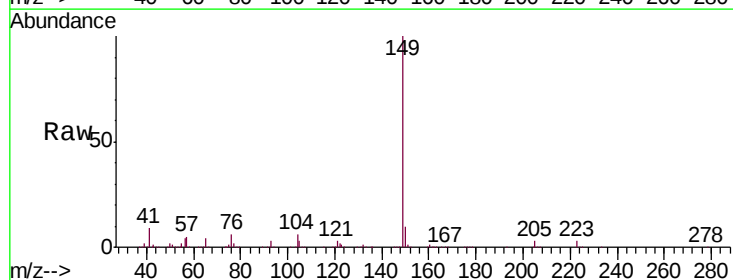
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082319

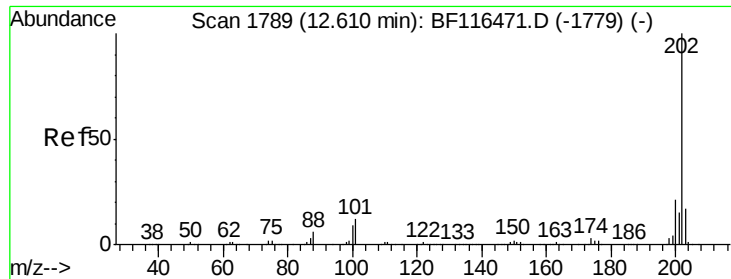
Tot Ion:167 Resp: 660902
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 42.303 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BF116476.D
 Acq: 23 Aug 2019 14:15

Tgt Ion:149 Resp: 845245
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.8 4.1 6.1

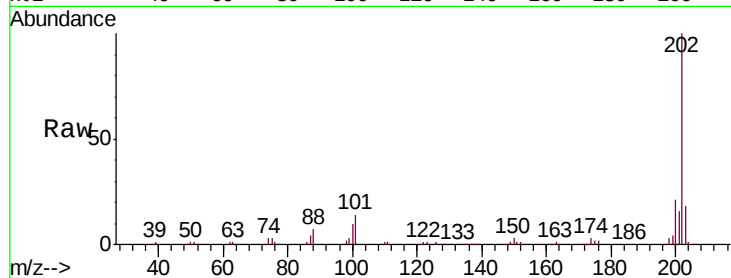




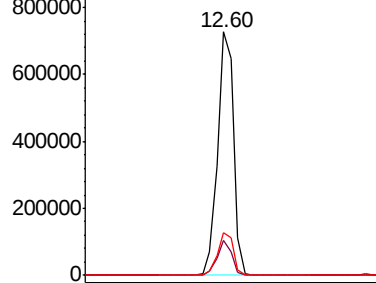
#75
Fluoranthene
Concen: 36.298 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF082319

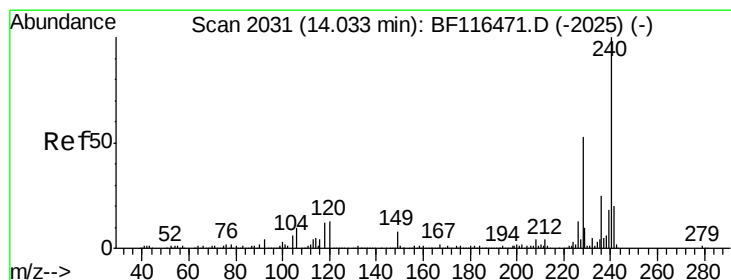
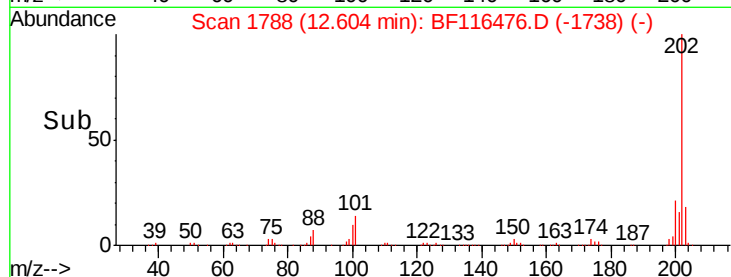
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	31.5
203	17.7	0.0	37.5



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

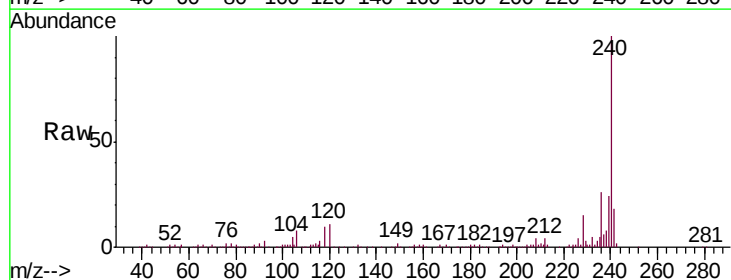


Time--> 12.50 12.60 12.70

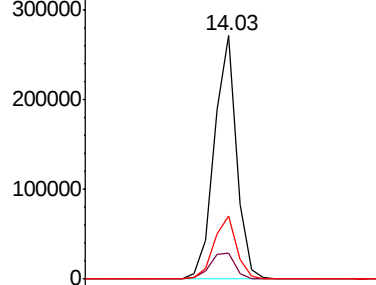


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

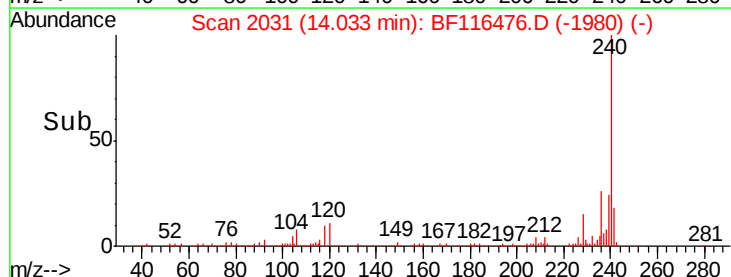
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.5	15.7
236	26.2	20.2	30.2

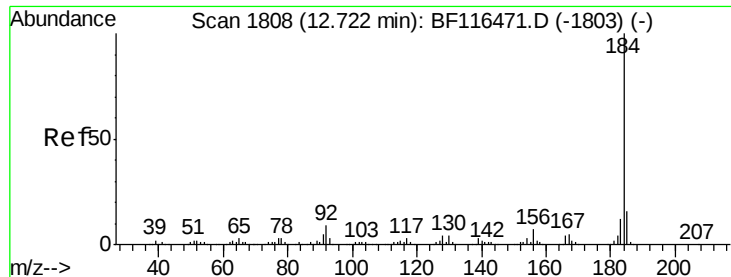


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 14.00 14.05





#77

Benzidine

Concen: 43.971 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

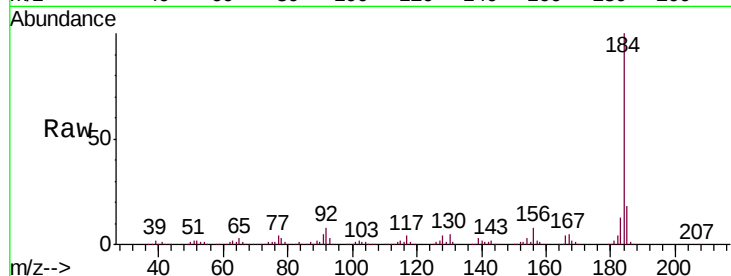
Tot Ion:184 Resp: 378971

Ion	Ratio	Lower	Upper
184	100		
185	17.6	13.0	19.4
183	12.6	9.8	14.6

184 100

185 17.6 13.0 19.4

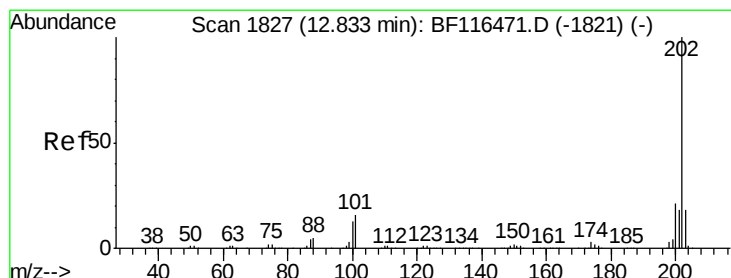
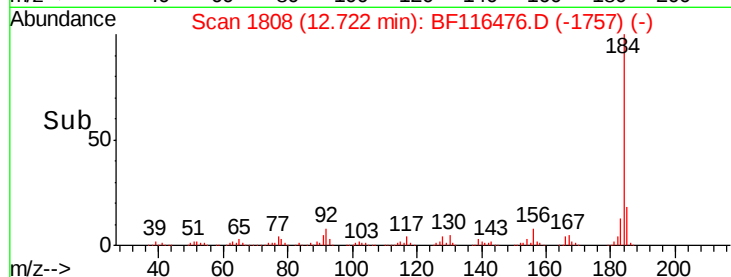
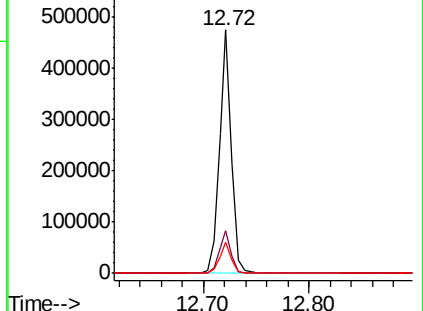
183 12.6 9.8 14.6



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: 40.910 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

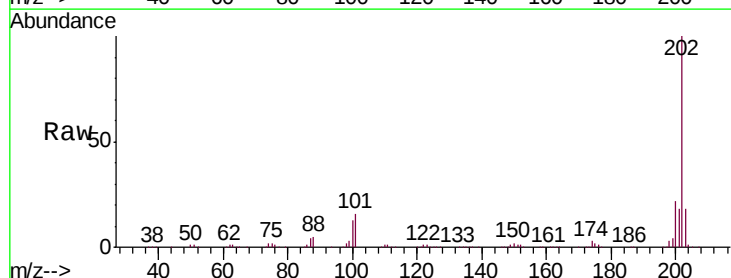
Tgt Ion:202 Resp: 700836

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	17.7	14.2	21.4

202 100

200 21.7 17.0 25.4

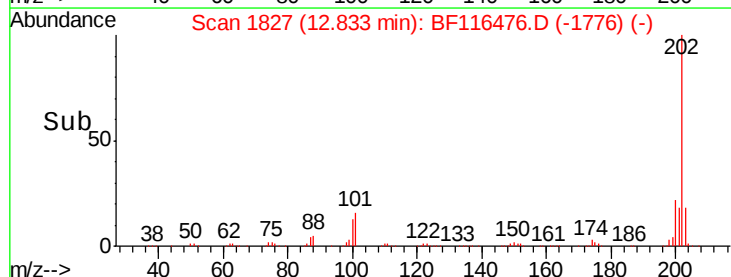
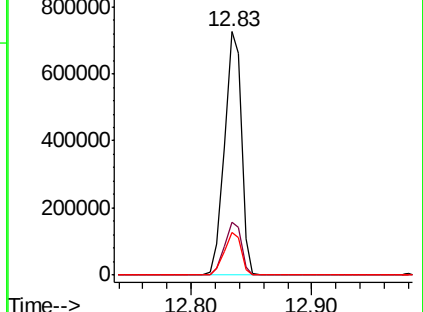
203 17.7 14.2 21.4

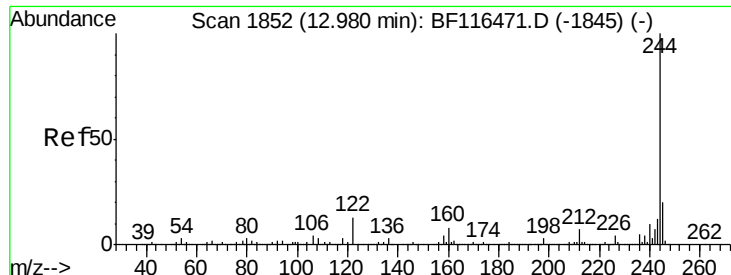


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.520 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

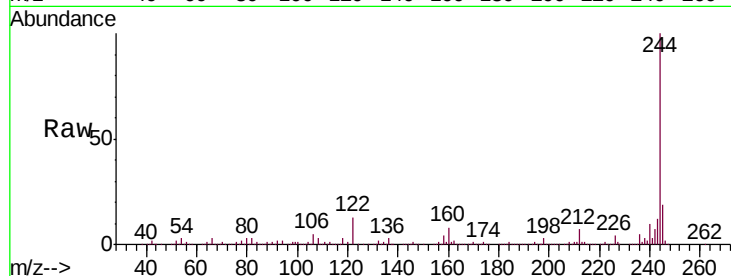
Tot Ion:244 Resp: 980778

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

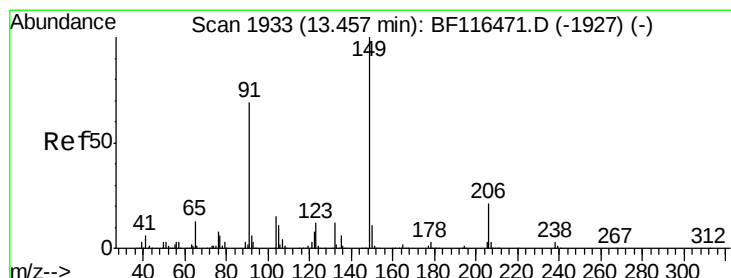
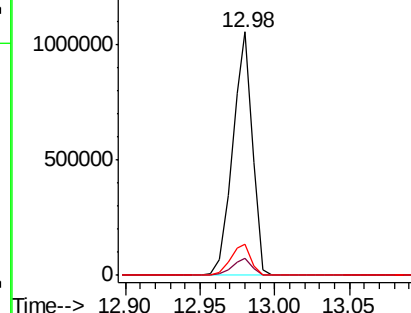
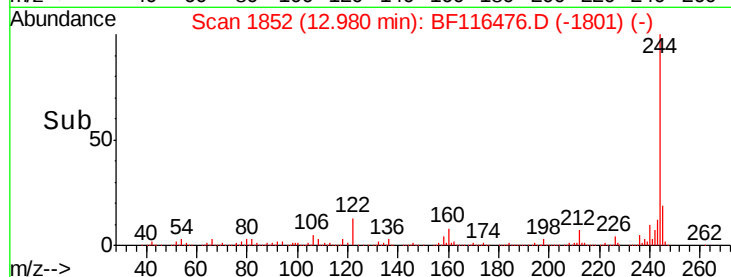
122 12.9 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.453 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

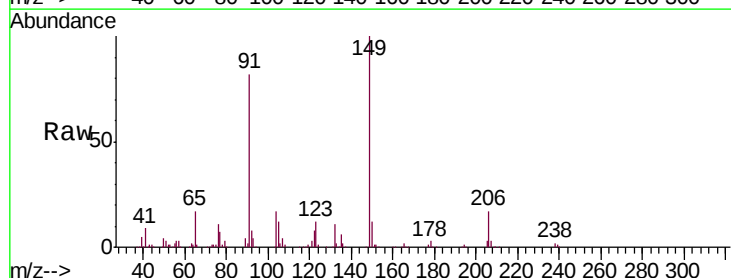
Tgt Ion:149 Resp: 328884

Ion Ratio Lower Upper

149 100

91 81.9 54.9 82.3

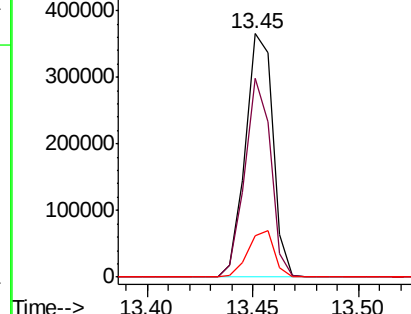
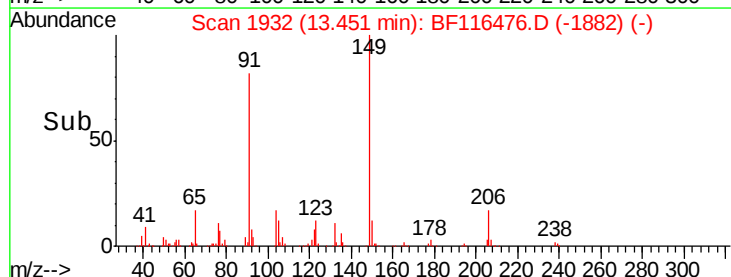
206 17.2 16.6 24.8

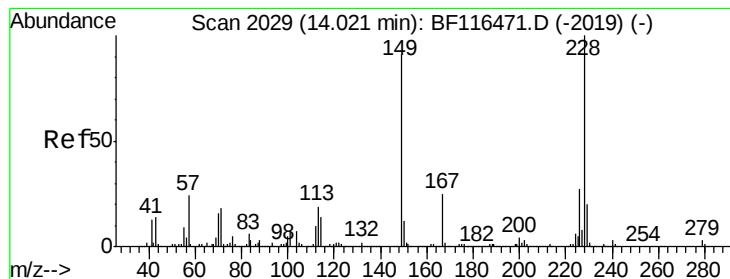


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.493 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

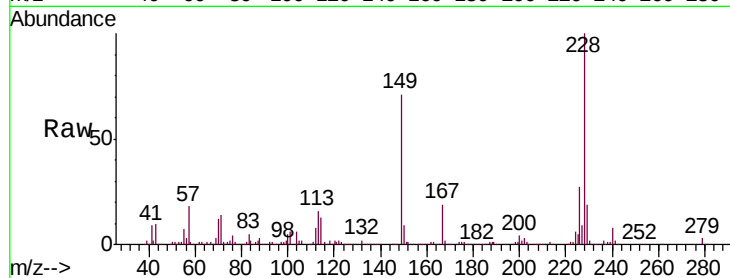
Tot Ion:228 Resp: 547936

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

229 19.2 15.9 23.9

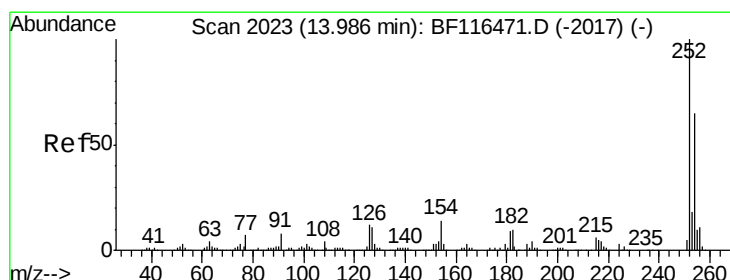
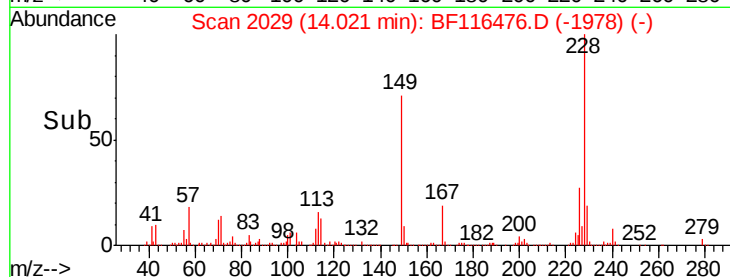
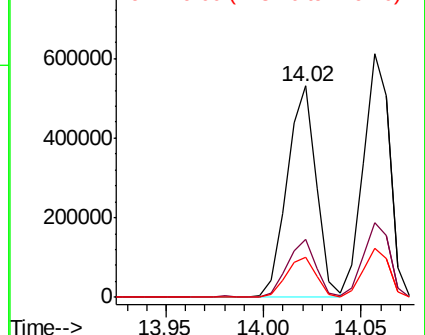


Abundance

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: 38.201 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

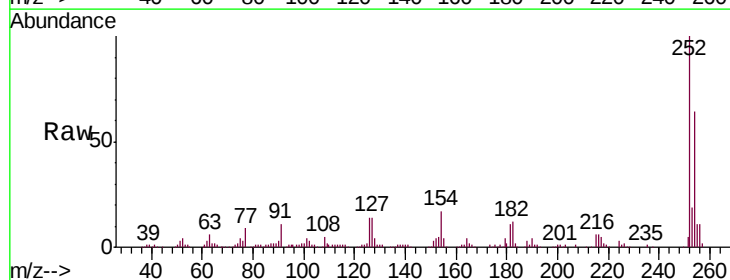
Tgt Ion:252 Resp: 188876

Ion Ratio Lower Upper

252 100

254 64.0 51.9 77.9

126 13.8 9.4 14.0

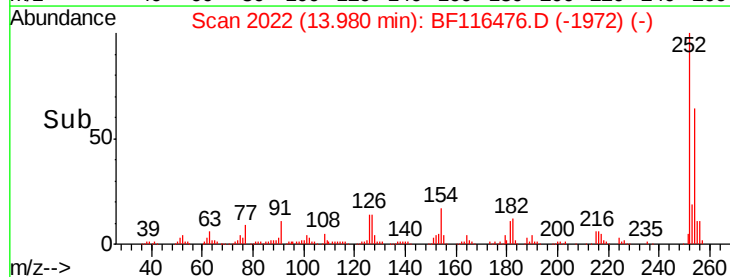
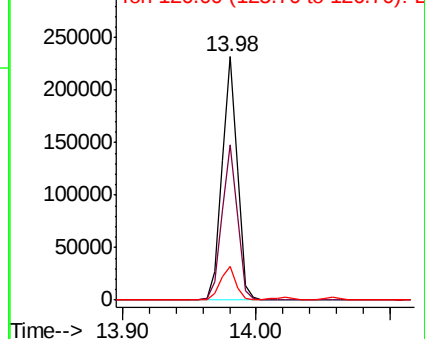


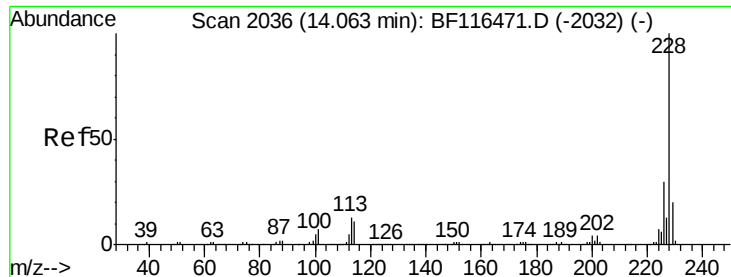
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.637 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

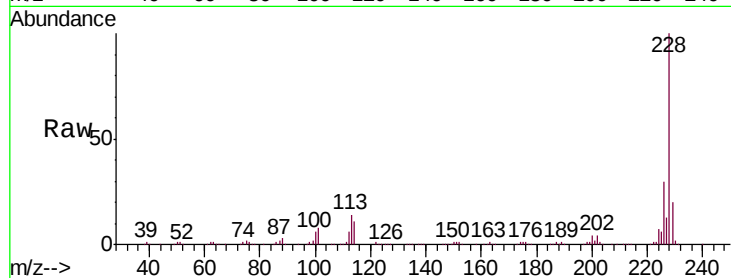
Tot Ion:228 Resp: 571462

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

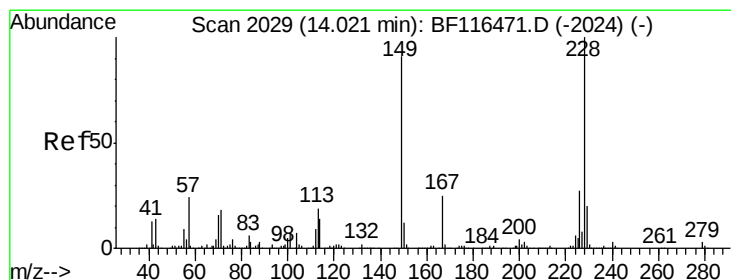
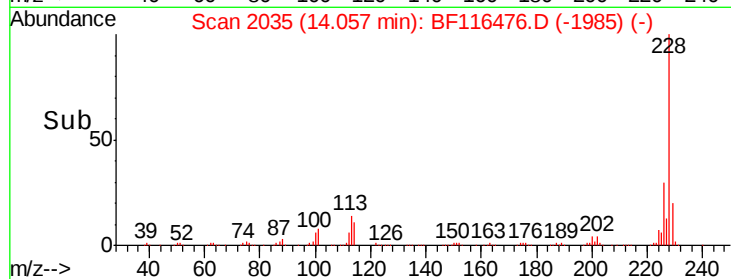
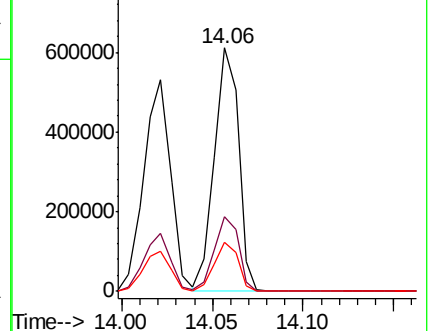
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.528 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

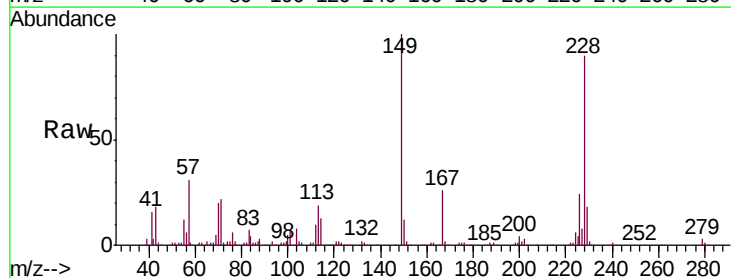
Tgt Ion:149 Resp: 419561

Ion Ratio Lower Upper

149 100

167 25.8 21.8 32.6

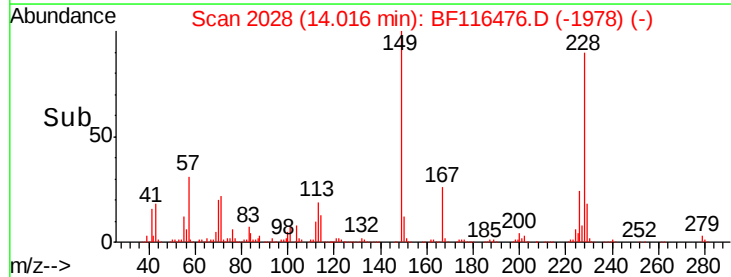
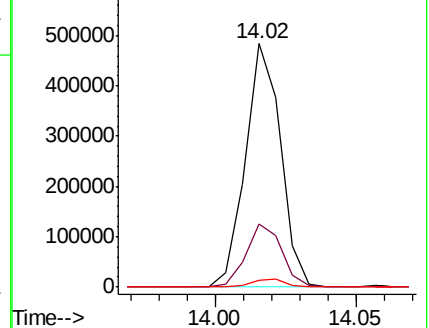
279 2.9 3.0 4.4#

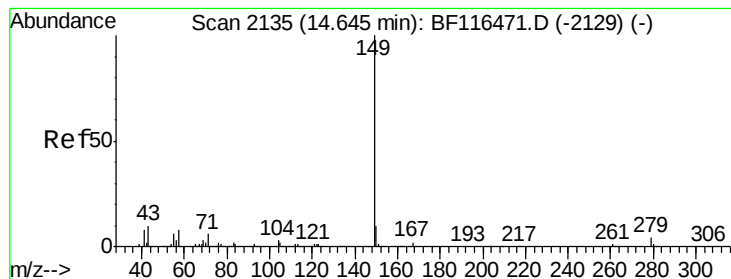


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.528 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

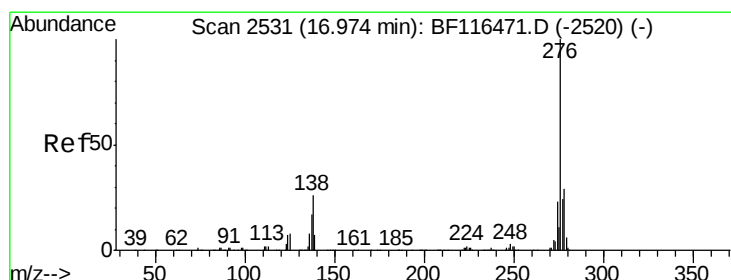
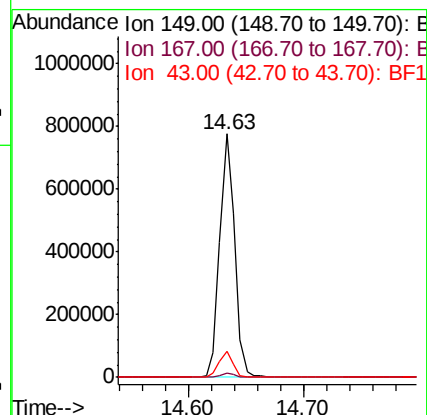
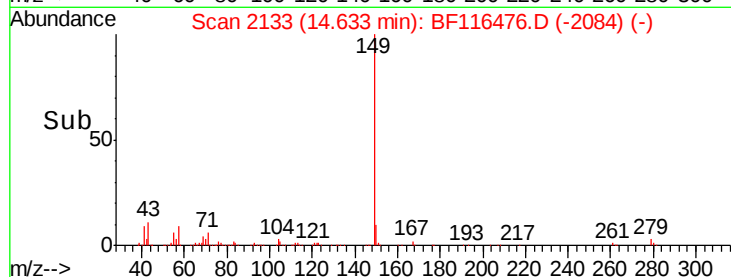
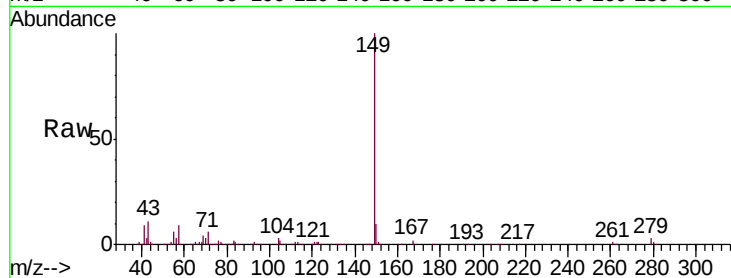
Tot Ion:149 Resp: 695545

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.2 7.8 11.8



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.610 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

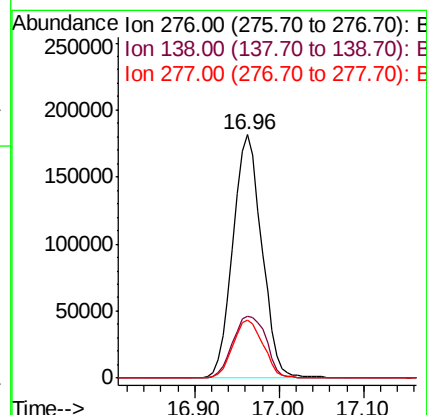
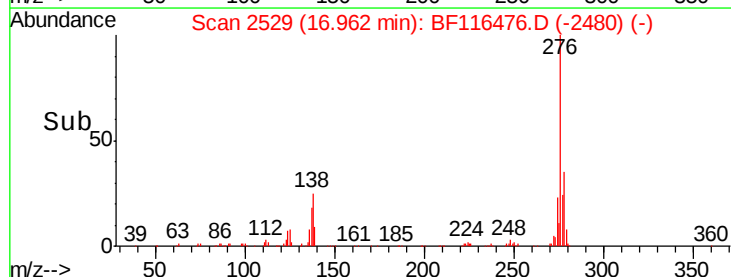
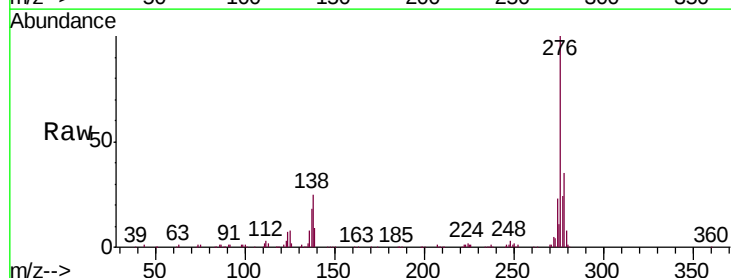
Tgt Ion:276 Resp: 428957

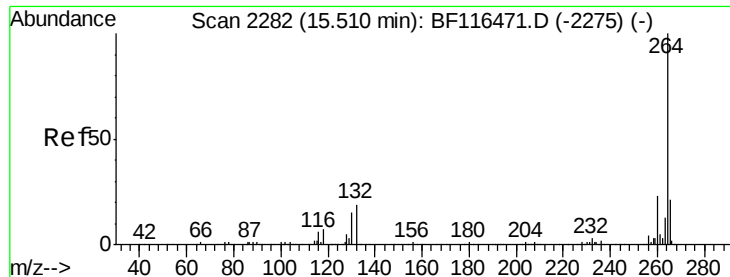
Ion Ratio Lower Upper

276 100

138 29.6 22.9 34.3

277 24.9 19.9 29.9

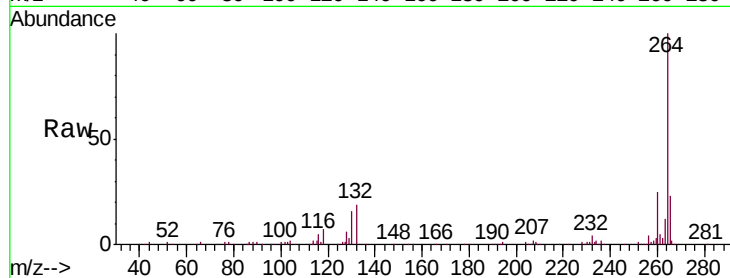




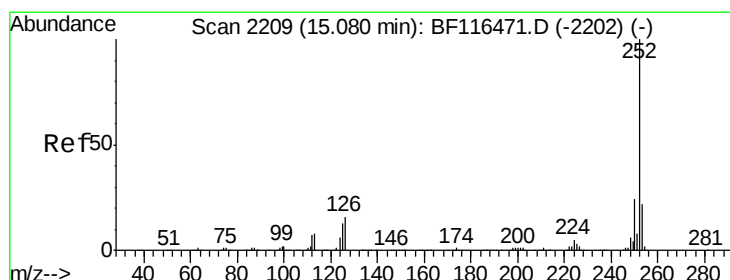
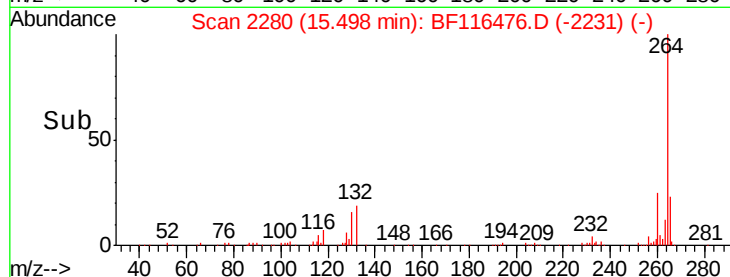
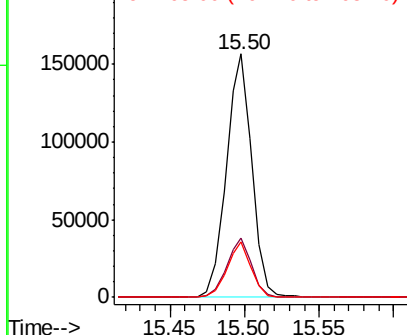
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF082319

Tot Ion:264 Resp: 187384
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.6 17.1 25.7

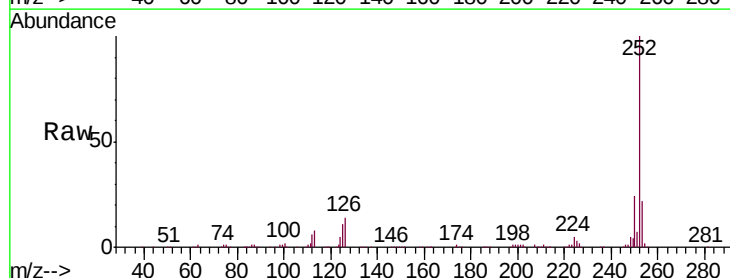


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

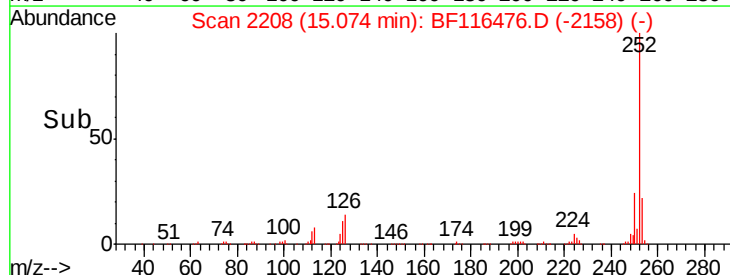
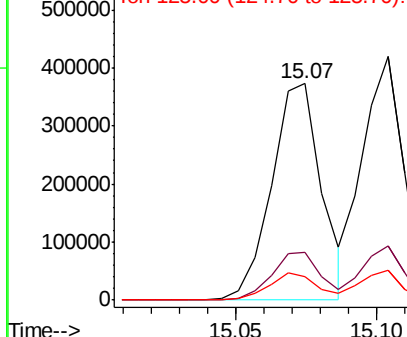


#88
Benzo(b)fluoranthene
Concen: 39.497 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion:252 Resp: 457208
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.1 10.1 15.1



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

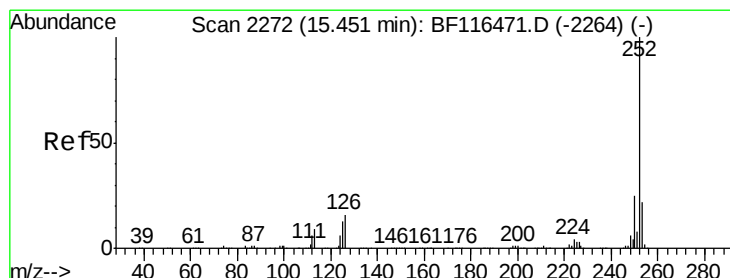
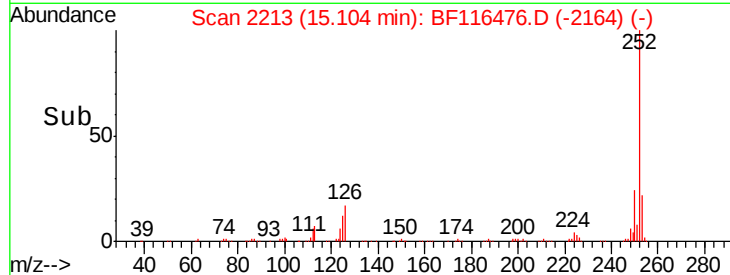
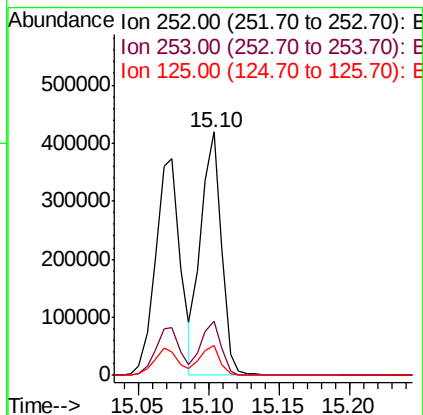
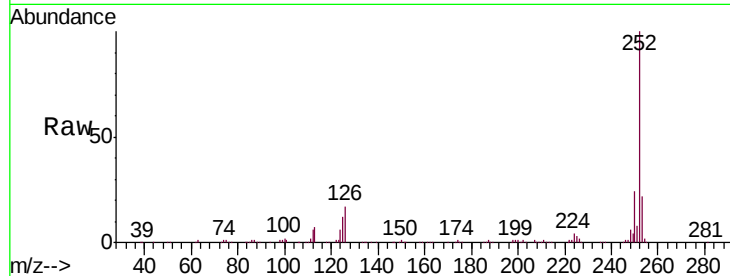




#89
Benzo(k)fluoranthene
Concen: 40.579 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

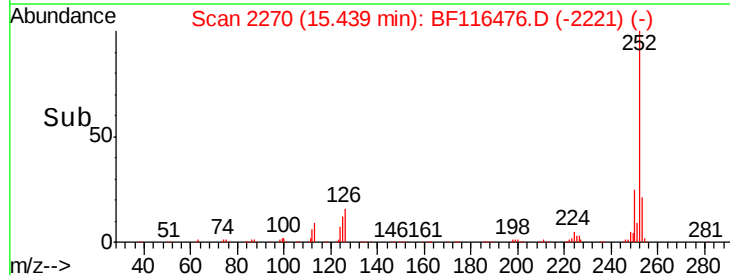
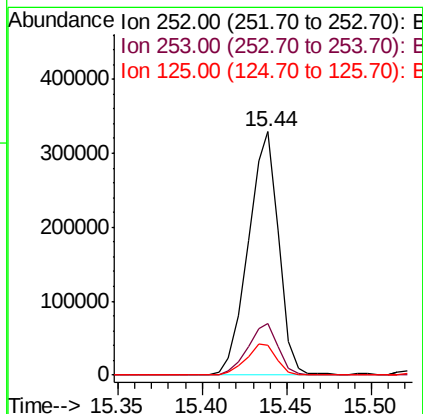
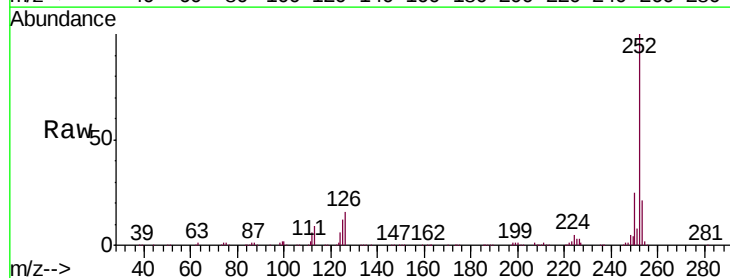
Instrument :
BNA_F
ClientSampled :
ICVBF082319

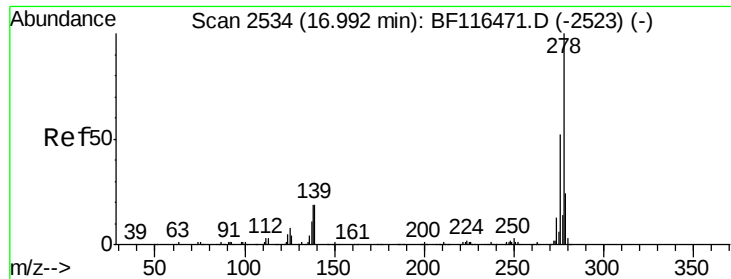
Tot Ion:252 Resp: 425549
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 12.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 40.280 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116476.D
Acq: 23 Aug 2019 14:15

Tgt Ion:252 Resp: 412087
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 12.4 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 41.903 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF082319

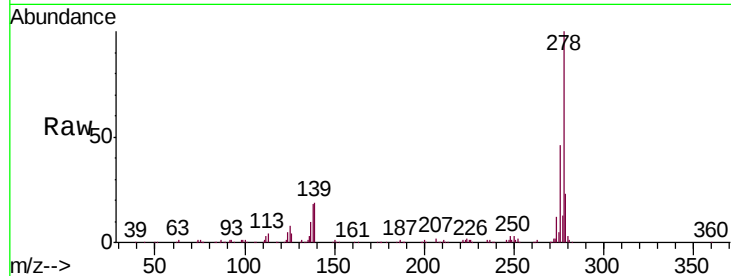
Tot Ion:278 Resp: 352270

Ion Ratio Lower Upper

278 100

139 18.9 15.3 22.9

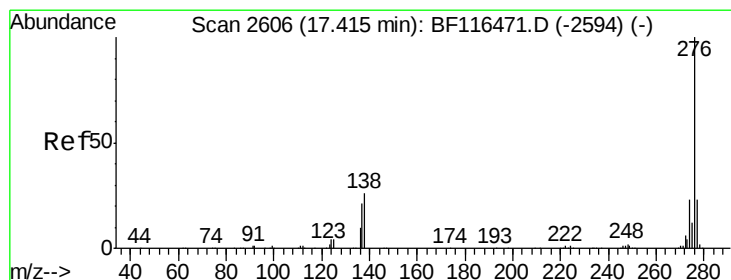
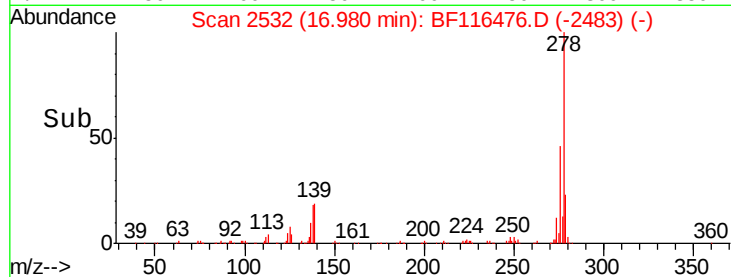
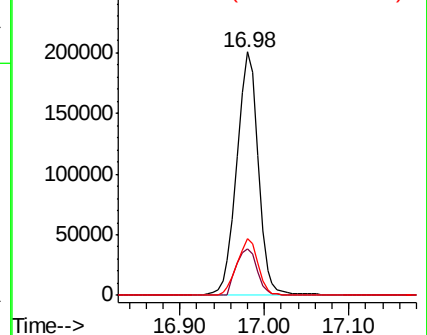
279 23.1 19.0 28.6



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: 39.425 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF116476.D

Acq: 23 Aug 2019 14:15

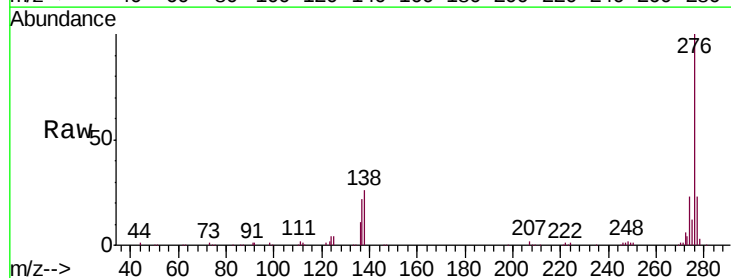
Tgt Ion:276 Resp: 315969

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 26.4 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

