

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080319\
 Data File : BF115971.D
 Acq On : 3 Aug 2019 10:34
 Operator : HP/JU
 Sample : PB121947BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Quant Time: Aug 05 01:15:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147037	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	607984	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	329705	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	568468	20.00	ng	0.00
76) Chrysene-d12	14.03	240	412171	20.00	ng	0.00
87) Perylene-d12	15.50	264	373319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1044724	118.95	ng	0.02
7) Phenol-d6	6.50	99	1321121	119.22	ng	0.01
23) Nitrobenzene-d5	7.42	82	874875	83.06	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	372260	116.46	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1500141	85.22	ng	0.00
79) Terphenyl-d14	12.97	244	1634056	83.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	186311	41.988	ng	99
3) Pyridine	3.46	79	475590	38.369	ng	99
4) n-Nitrosodimethylamine	3.42	42	215056	43.965	ng	98
6) Aniline	6.52	93	551027	34.721	ng	92
8) 2-Chlorophenol	6.65	128	452713	46.611	ng	99
9) Benzaldehyde	6.40	77	247497	32.369	ng	99
10) Phenol	6.51	94	580901	44.514	ng	80
11) bis(2-Chloroethyl)ether	6.59	93	438313	45.685	ng	97
12) 1,3-Dichlorobenzene	6.79	146	488050	43.480	ng	97
13) 1,4-Dichlorobenzene	6.87	146	495732	44.109	ng	99
14) 1,2-Dichlorobenzene	7.03	146	453541	43.826	ng	98
15) Benzyl Alcohol	7.00	79	391921	46.603	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	586202	44.794	ng	96
17) 2-Methylphenol	7.11	107	386754	47.027	ng	99
18) Hexachloroethane	7.36	117	182716	44.157	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	312537	45.513	ng	98
20) 3+4-Methylphenols	7.26	107	452830	46.529	ng	# 90
22) Acetophenone	7.26	105	608465	45.633	ng	96
24) Nitrobenzene	7.43	77	514230	45.215	ng	99
25) Isophorone	7.67	82	922572	45.807	ng	100
26) 2-Nitrophenol	7.75	139	252962	47.186	ng	98
27) 2,4-Dimethylphenol	7.79	122	409973	50.830	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	564569	45.226	ng	99
29) 2,4-Dichlorophenol	8.00	162	399198	46.876	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	428637	44.155	ng	99
31) Naphthalene	8.16	128	1306819	45.676	ng	99
32) Benzoic acid	7.95	122	249189	43.822	ng	99
33) 4-Chloroaniline	8.20	127	383940	30.034	ng	99
34) Hexachlorobutadiene	8.27	225	237894	42.545	ng	99
35) Caprolactam	8.59	113	71852	26.087	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	422769	47.719	ng	99
37) 2-Methylnaphthalene	8.85	142	876135	46.498	ng	100
38) 1-Methylnaphthalene	8.95	142	818607	45.923	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	400340	45.419	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080319\
 Data File : BF115971.D
 Acq On : 3 Aug 2019 10:34
 Operator : HP/JU
 Sample : PB121947BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Quant Time: Aug 05 01:15:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

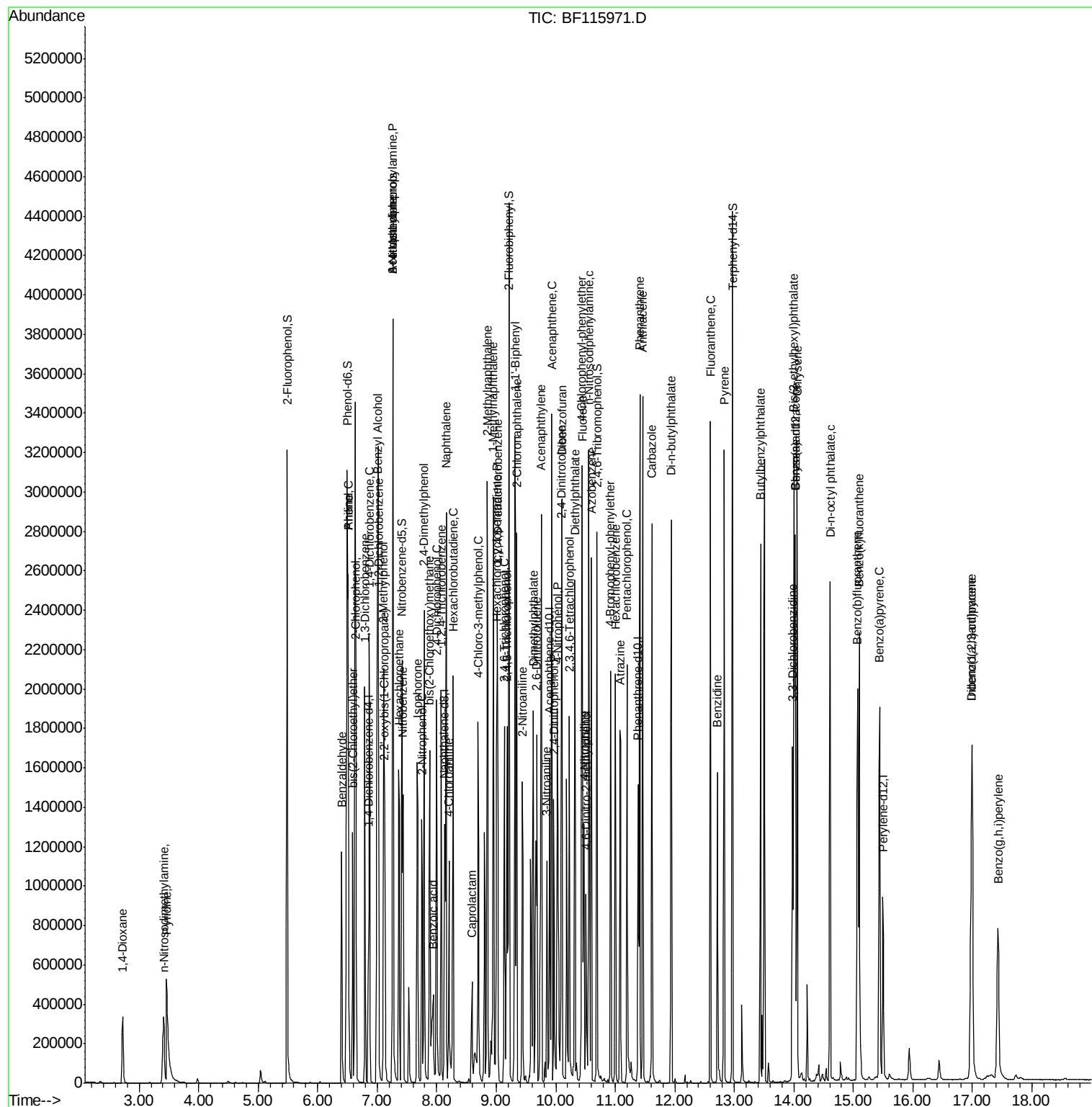
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	266794	68.354	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	265058	43.688	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	281795	44.933	ng	97
46) 1,1'-Biphenyl	9.32	154	1057721	45.440	ng	99
47) 2-Chloronaphthalene	9.35	162	837676	43.238	ng	99
48) 2-Nitroaniline	9.44	65	270521	42.245	ng	92
49) Acenaphthylene	9.76	152	1278910	45.249	ng	100
50) Dimethylphthalate	9.62	163	992840	44.226	ng	99
51) 2,6-Dinitrotoluene	9.69	165	223086	45.727	ng	96
52) Acenaphthene	9.93	154	762523	43.976	ng	100
53) 3-Nitroaniline	9.85	138	187492	31.103	ng	89
54) 2,4-Dinitrophenol	9.97	184	191818	77.568	ng	97
55) Dibenzofuran	10.10	168	1121387	44.471	ng	96
56) 4-Nitrophenol	10.03	139	335741	86.943	ng	97
57) 2,4-Dinitrotoluene	10.09	165	286601	44.123	ng	93
58) Fluorene	10.45	166	865193	44.596	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	233771	44.306	ng	100
60) Diethylphthalate	10.32	149	931756	44.456	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	437003	44.476	ng	98
62) 4-Nitroaniline	10.47	138	250863	40.269	ng	99
63) Azobenzene	10.60	77	976354	45.290	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	142258	47.223	ng	93
66) n-Nitrosodiphenylamine	10.56	169	784160	45.830	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	270871	44.511	ng	93
68) Hexachlorobenzene	11.00	284	300371	42.685	ng	96
69) Atrazine	11.09	200	250720	44.541	ng	99
70) Pentachlorophenol	11.20	266	295174	86.400	ng	98
71) Phenanthrene	11.41	178	1280978	44.078	ng	99
72) Anthracene	11.46	178	1312306	44.619	ng	98
73) Carbazole	11.62	167	1188343	44.535	ng	100
74) Di-n-butylphthalate	11.94	149	1418994	45.587	ng	99
75) Fluoranthene	12.60	202	1329807	43.709	ng	98
77) Benzidine	12.72	184	624525	44.850	ng	97
78) Pyrene	12.83	202	1367969	44.029	ng	99
80) Butylbenzylphthalate	13.44	149	599147	45.588	ng	97
81) Benzo(a)anthracene	14.02	228	1165199	44.229	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	347293	37.945	ng	98
83) Chrysene	14.06	228	1133408	44.315	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	825340	48.325	ng	100
85) Di-n-octyl phthalate	14.61	149	1326615	48.903	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	936500	43.596	ng	99
88) Benzo(b)fluoranthene	15.07	252	1111606	51.497	ng	# 96
89) Benzo(k)fluoranthene	15.10	252	958293	45.579	ng	100
90) Benzo(a)pyrene	15.44	252	972537	50.401	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	785404	47.022	ng	99
92) Benzo(g,h,i)perylene	17.43	276	763754	46.560	ng	98

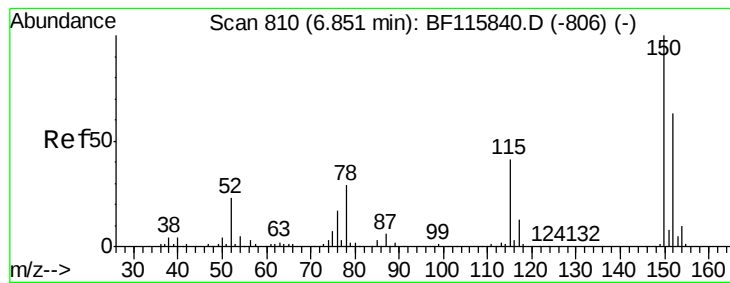
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080319\
Data File : BF115971.D
Acq On : 3 Aug 2019 10:34
Operator : HP/JU
Sample : PB121947BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
PB121947BS

Quant Time: Aug 05 01:15:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

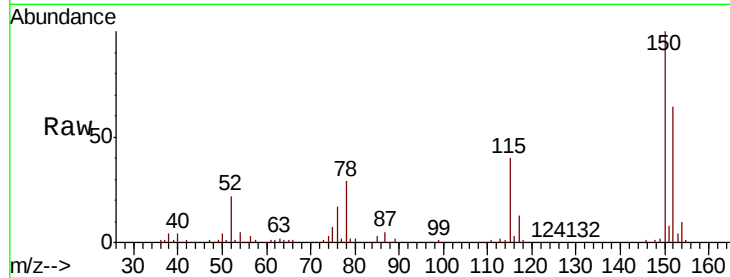
Tgt Ion: 152 Resp: 147037

Ion Ratio Lower Upper

152 100

150 155.6 127.4 191.0

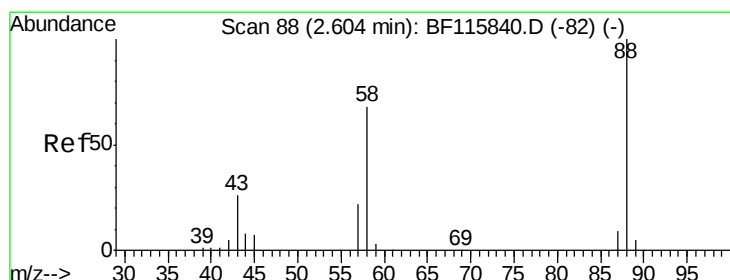
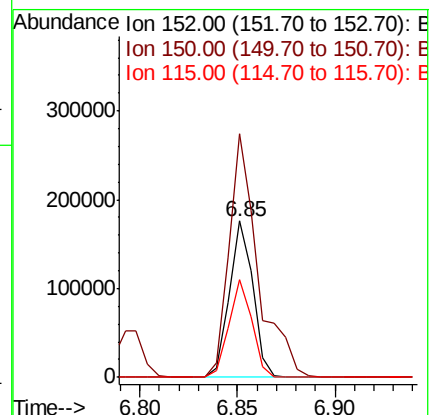
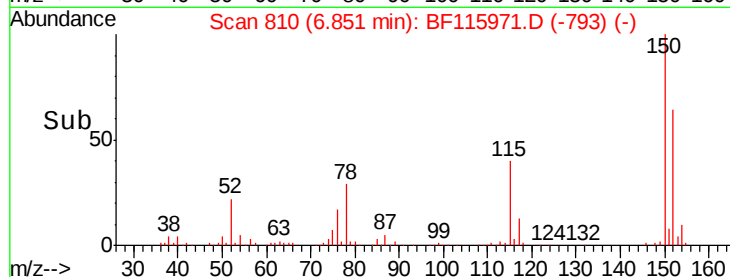
115 62.5 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.988 ng

RT: 2.72 min Scan# 108

Delta R.T. 0.12 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

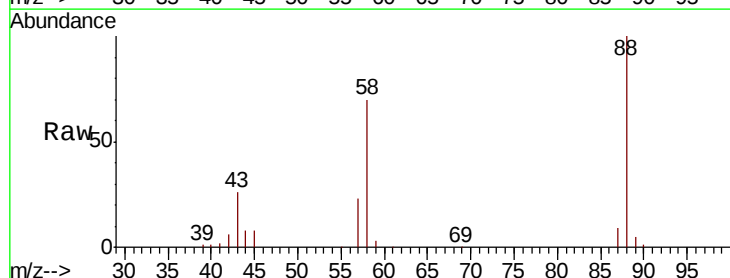
Tgt Ion: 88 Resp: 186311

Ion Ratio Lower Upper

88 100

58 69.0 54.1 81.1

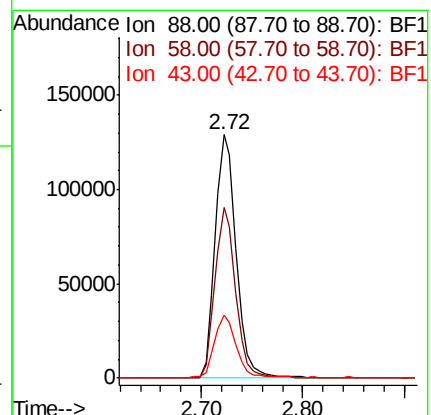
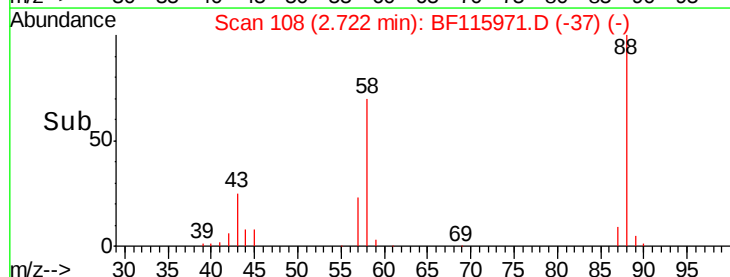
43 26.1 20.7 31.1

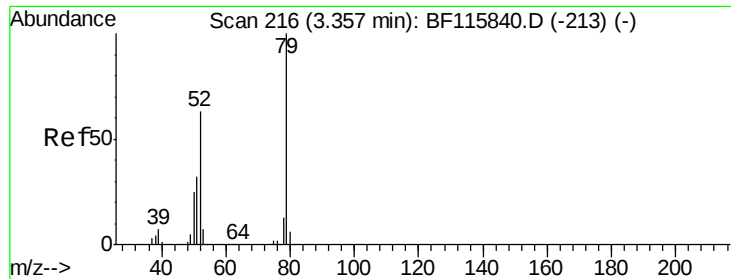


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 38.369 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.11 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

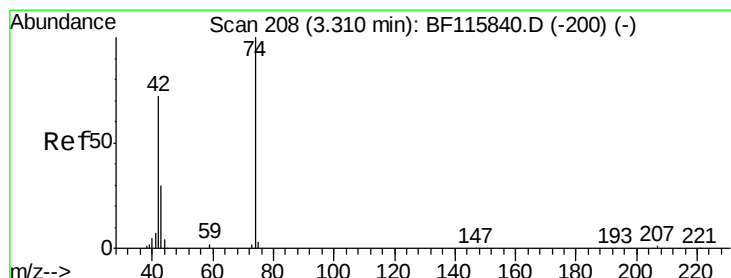
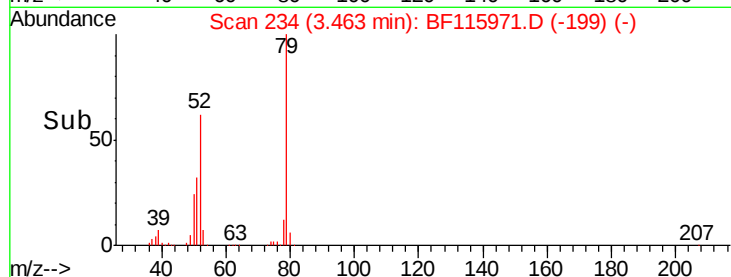
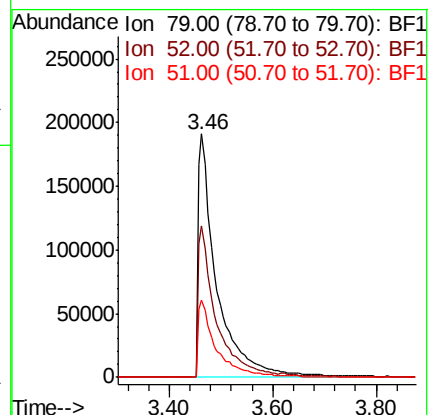
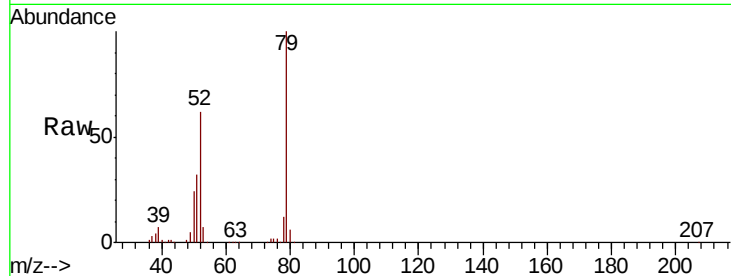
Tgt Ion: 79 Resp: 475590

Ion Ratio Lower Upper

79 100

52 62.0 50.2 75.4

51 31.7 25.8 38.6



#4

n-Nitrosodimethylamine

Concen: 43.965 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.11 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

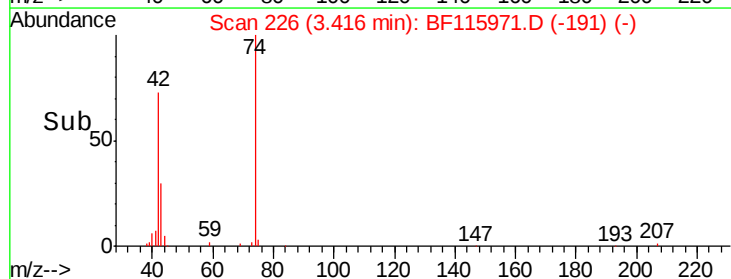
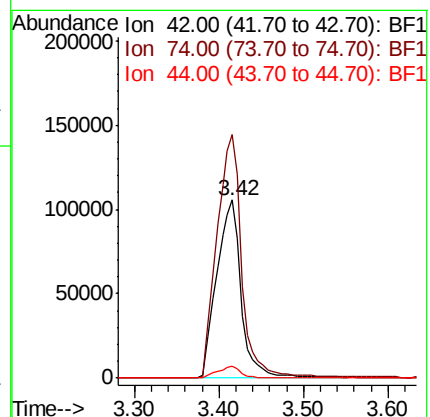
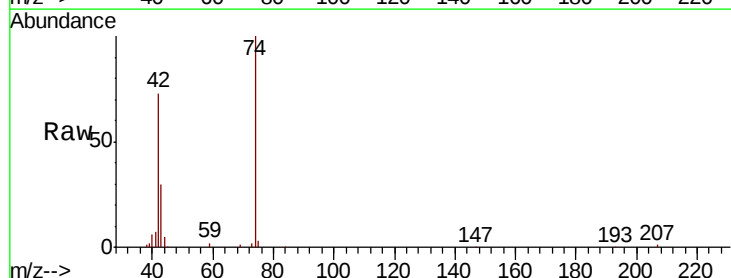
Tgt Ion: 42 Resp: 215056

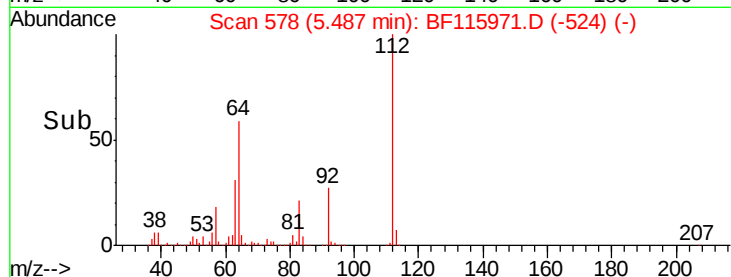
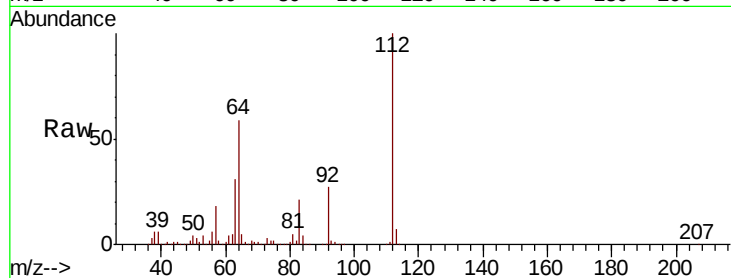
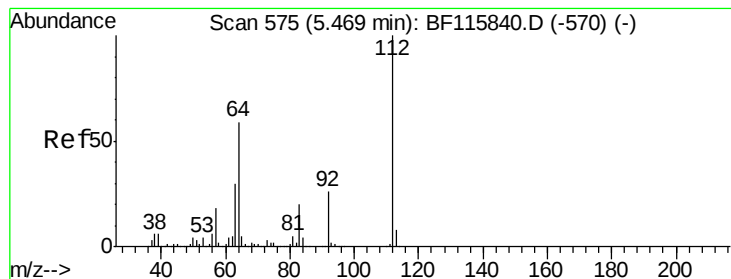
Ion Ratio Lower Upper

42 100

74 136.8 111.0 166.4

44 6.4 4.7 7.1





#5

2-Fluorophenol

Concen: 118.945 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

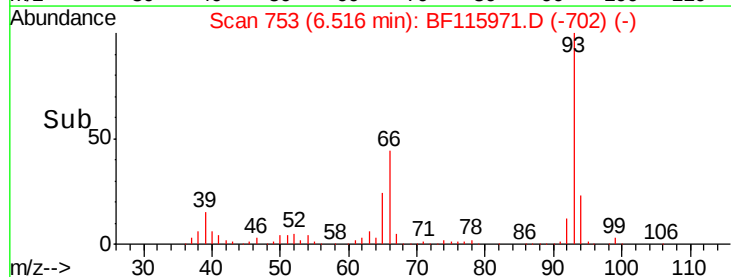
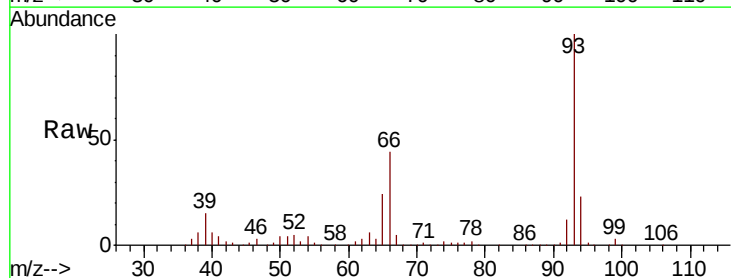
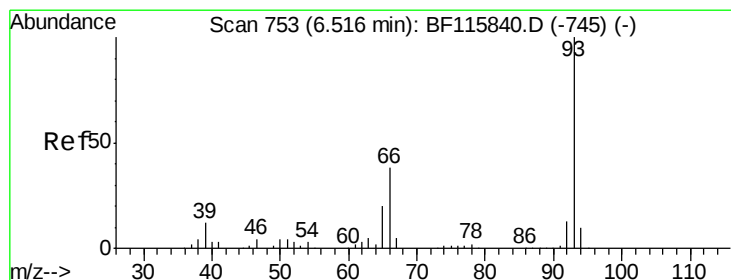
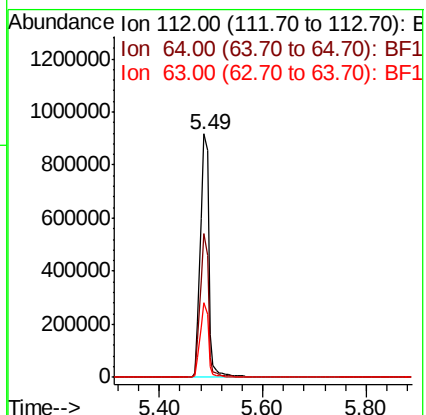
Tgt Ion:112 Resp: 1044724

Ion Ratio Lower Upper

112 100

64 58.9 46.8 70.2

63 30.9 24.2 36.2



#6

Aniline

Concen: 34.721 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

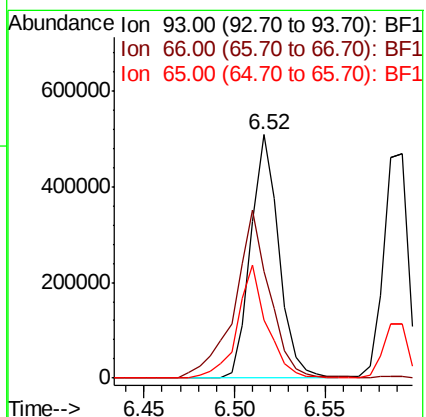
Tgt Ion: 93 Resp: 551027

Ion Ratio Lower Upper

93 100

66 44.0 31.4 47.0

65 23.9 16.5 24.7





#7

Phenol-d6

Concen: 119.217 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

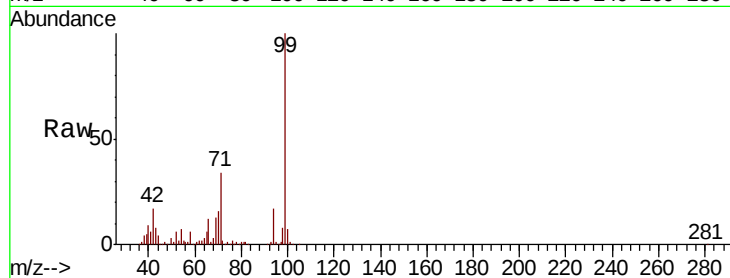
Tgt Ion: 99 Resp: 1321121

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.6

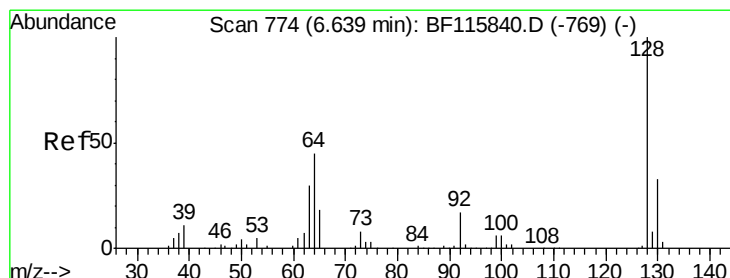
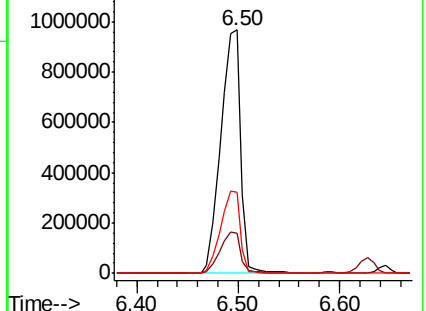
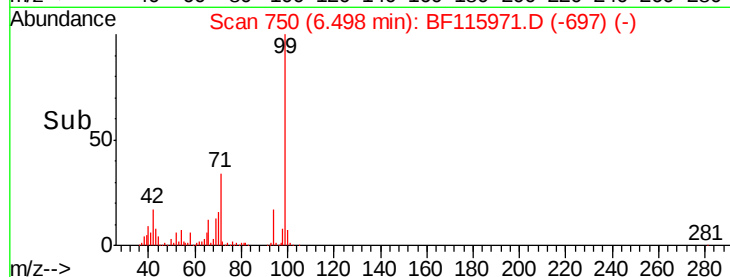
71 33.5 27.1 40.7



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: 46.611 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

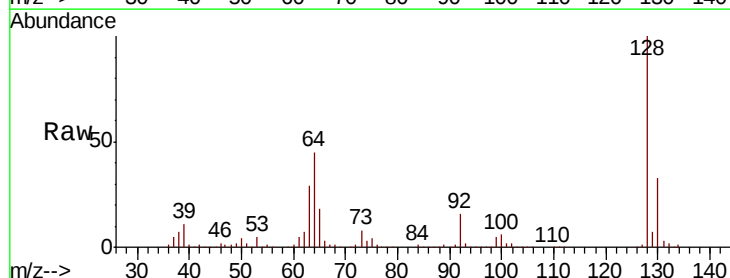
Tgt Ion: 128 Resp: 452713

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

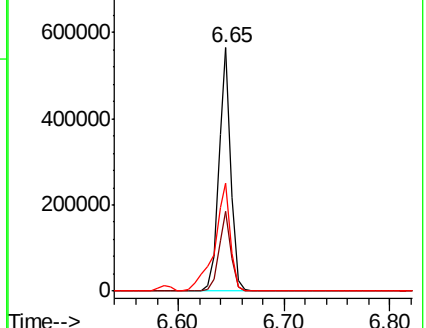
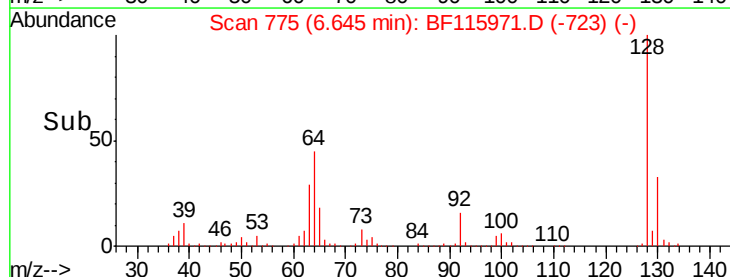
64 44.6 26.1 66.1



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

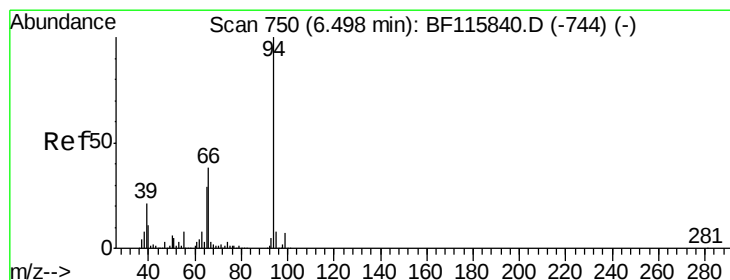
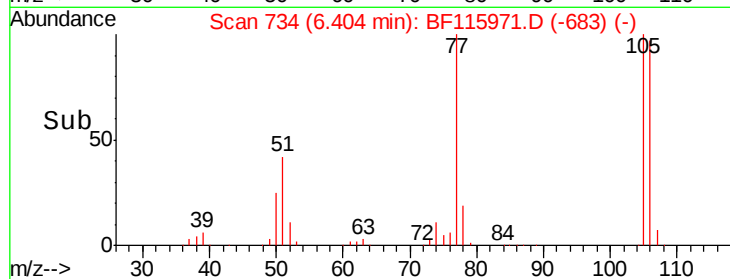
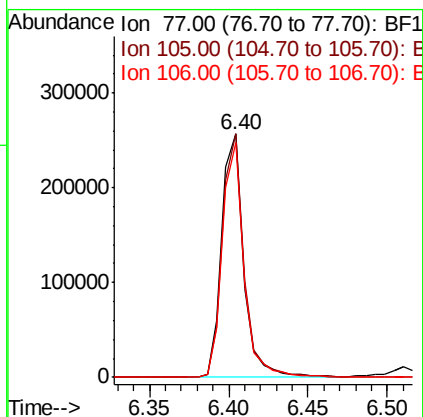
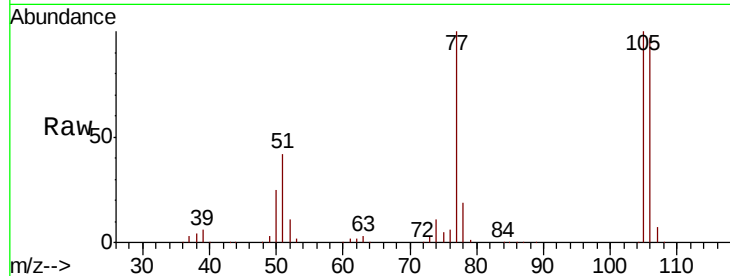




#9
Benzaldehyde
Concen: 32.369 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

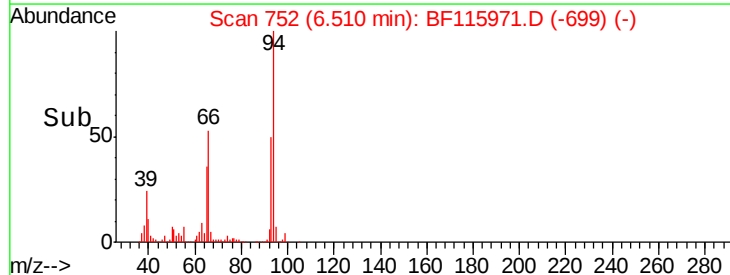
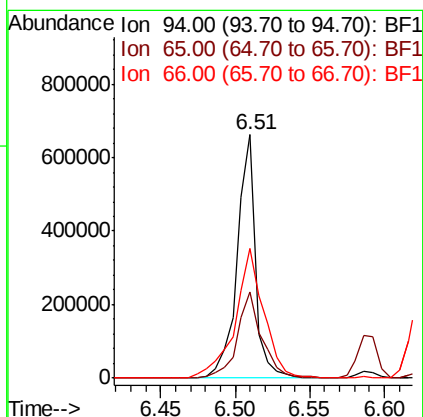
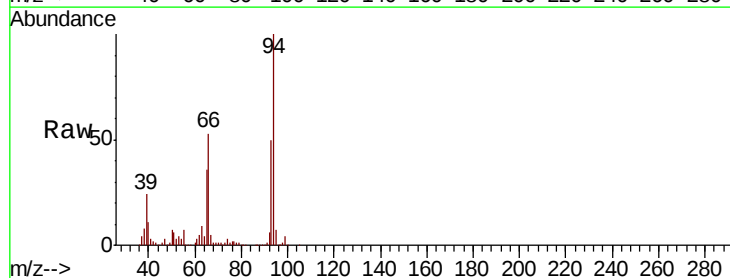
Instrument :
BNA_F
ClientSampleId :
PB121947BS

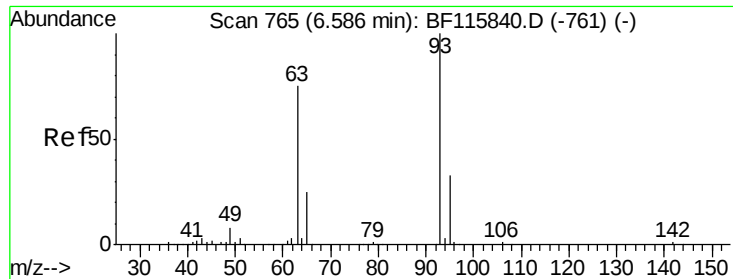
Tgt Ion: 77 Resp: 247497
Ion Ratio Lower Upper
77 100
105 100.0 79.0 119.0
106 96.7 76.2 116.2



#10
Phenol
Concen: 44.514 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion: 94 Resp: 580901
Ion Ratio Lower Upper
94 100
65 35.6 8.9 48.9
66 53.2 18.0 58.0

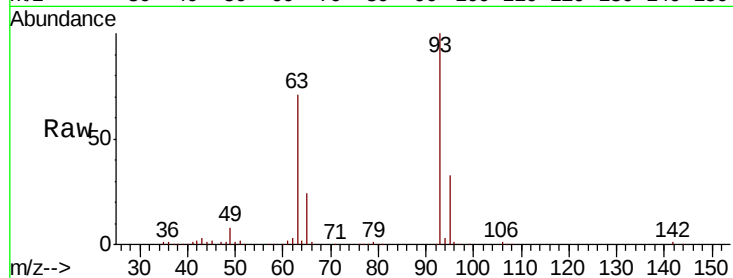




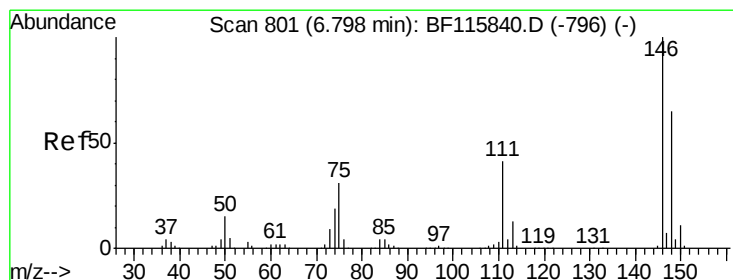
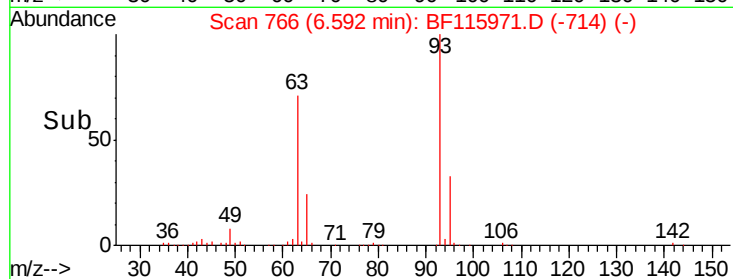
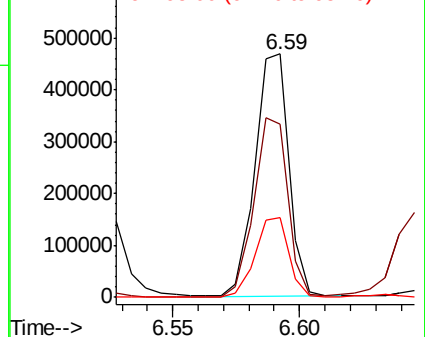
#11
bis(2-Chloroethyl)ether
Concen: 45.685 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tgt Ion: 93 Resp: 438313
Ion Ratio Lower Upper
93 100
63 71.2 54.9 94.9
95 32.8 13.3 53.3

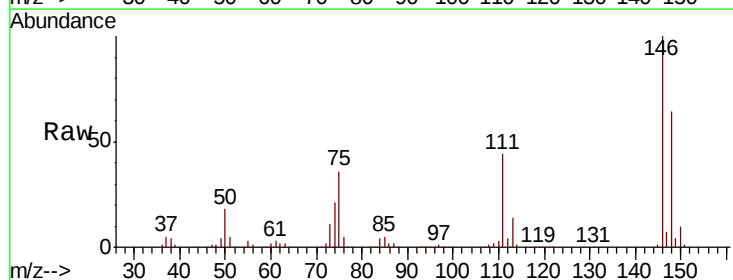


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

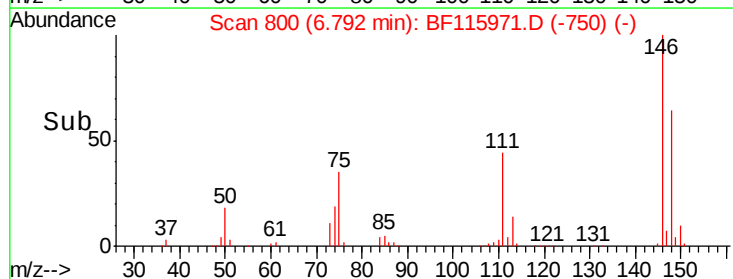
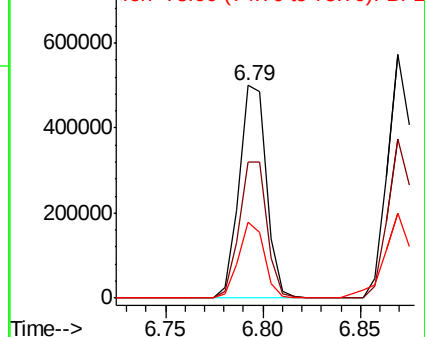


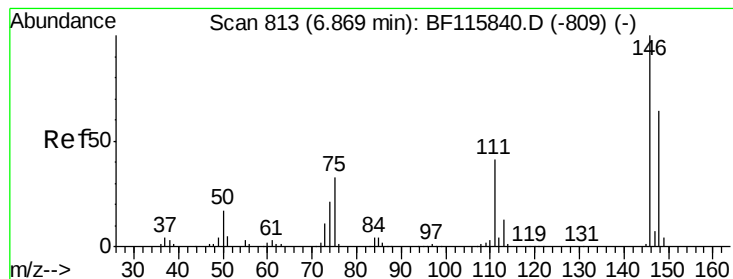
#12
1,3-Dichlorobenzene
Concen: 43.480 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion: 146 Resp: 488050
Ion Ratio Lower Upper
146 100
148 63.9 52.1 78.1
75 35.5 25.0 37.6



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: 44.109 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

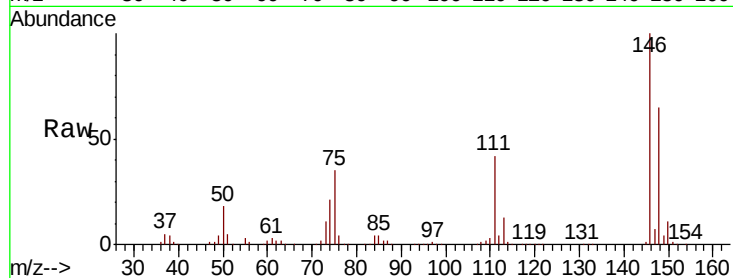
Tgt Ion:146 Resp: 495732

Ion Ratio Lower Upper

146 100

148 65.3 51.2 76.8

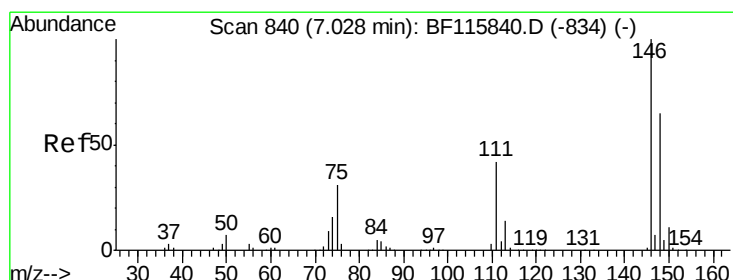
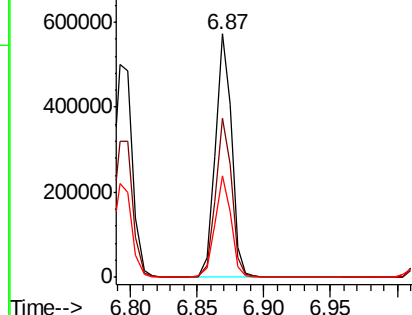
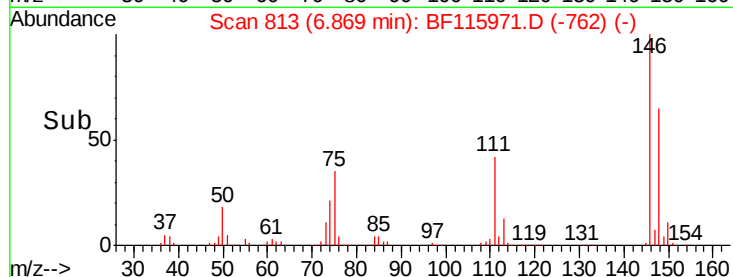
111 41.7 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.826 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

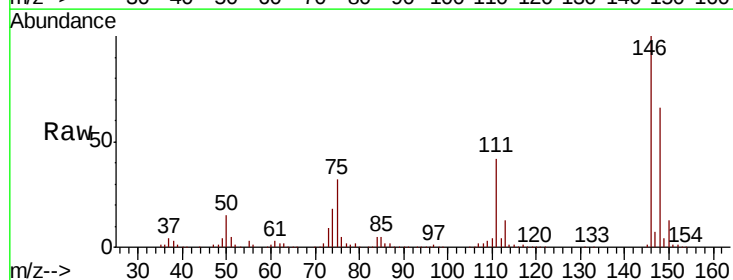
Tgt Ion:146 Resp: 453541

Ion Ratio Lower Upper

146 100

148 66.4 51.6 77.4

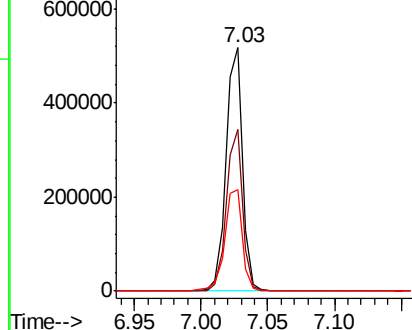
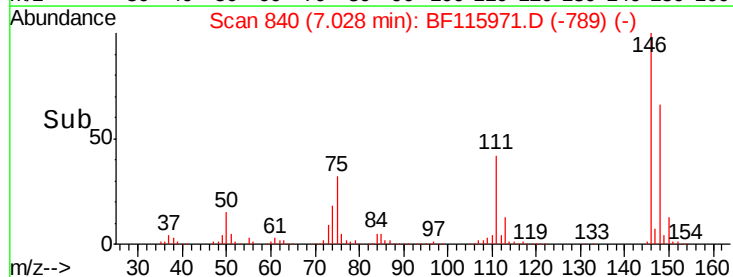
111 41.9 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.603 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

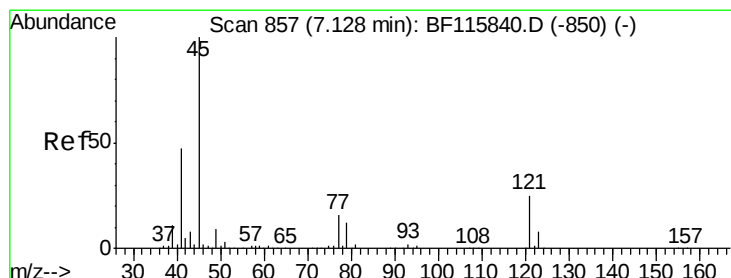
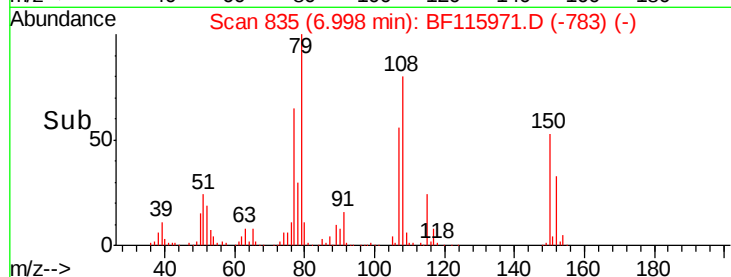
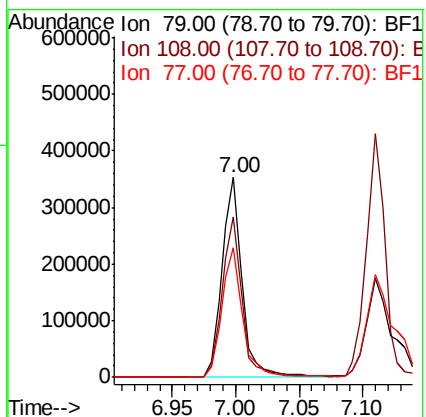
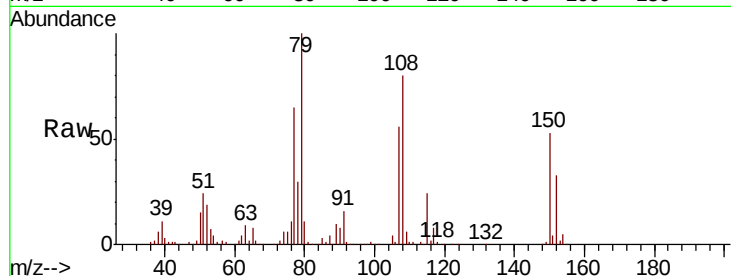
Tgt Ion: 79 Resp: 391921

Ion Ratio Lower Upper

79 100

108 80.1 62.8 94.2

77 64.7 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.794 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

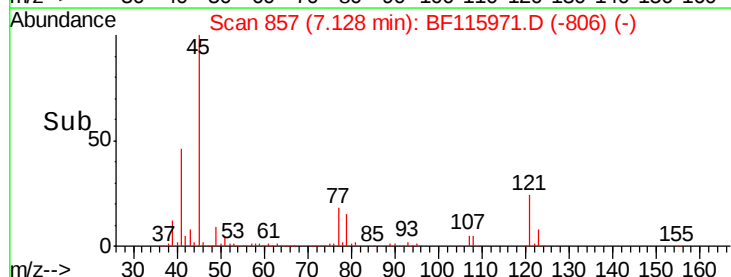
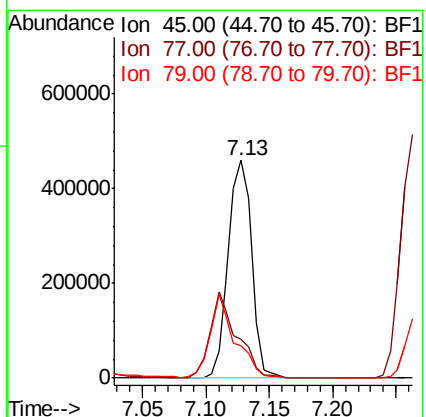
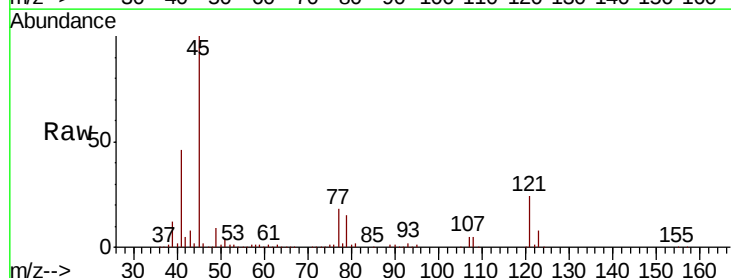
Tgt Ion: 45 Resp: 586202

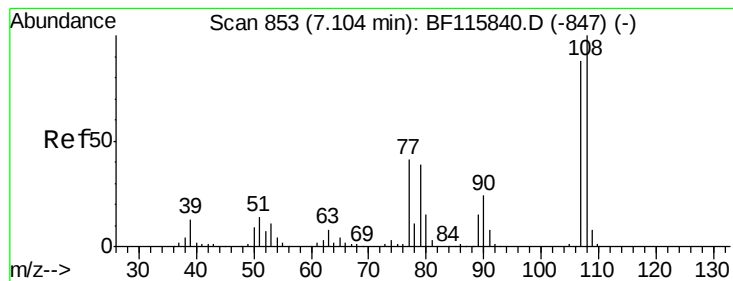
Ion Ratio Lower Upper

45 100

77 17.8 0.0 36.3

79 14.6 0.0 32.5

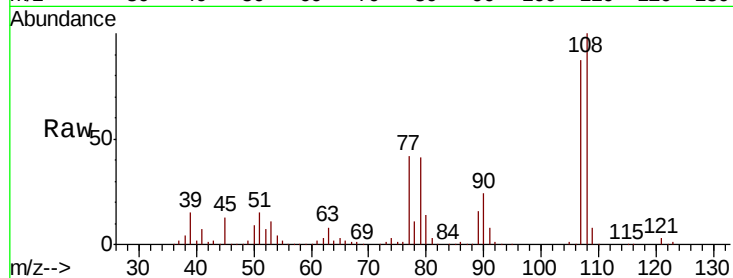




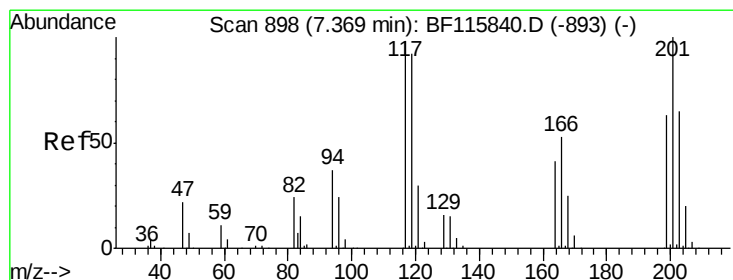
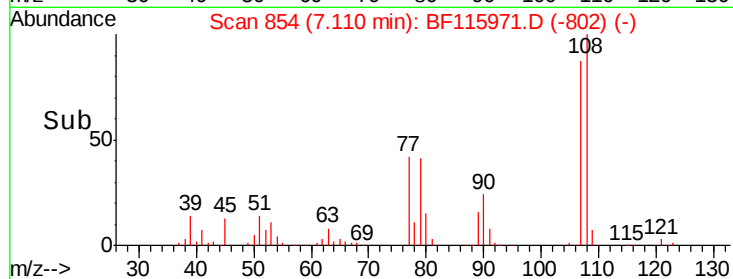
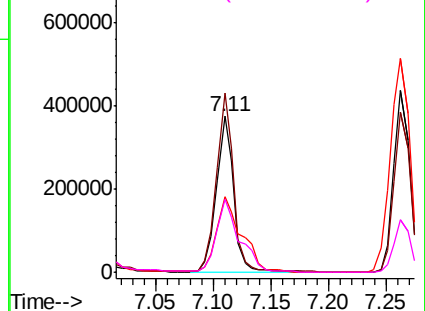
#17
2-Methylphenol
Concen: 47.027 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tgt Ion:	107	Resp:	386754
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.4	137.0
77	48.5	37.6	56.4
79	46.7	36.2	54.4

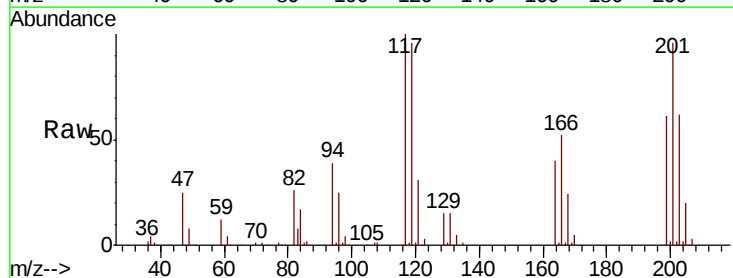


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
200000
0

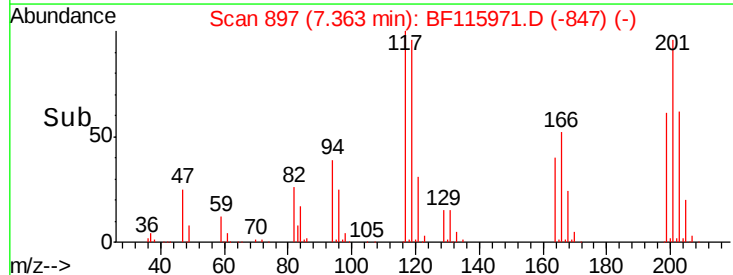
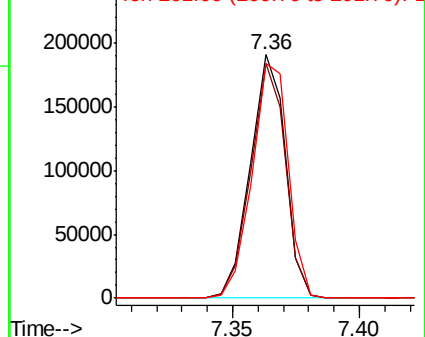


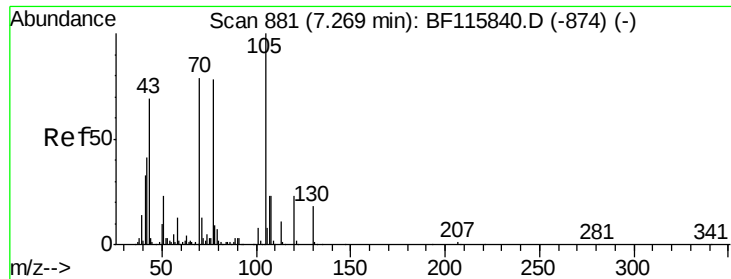
#18
Hexachloroethane
Concen: 44.157 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion:	117	Resp:	182716
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.6
201	96.1	82.0	123.0



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

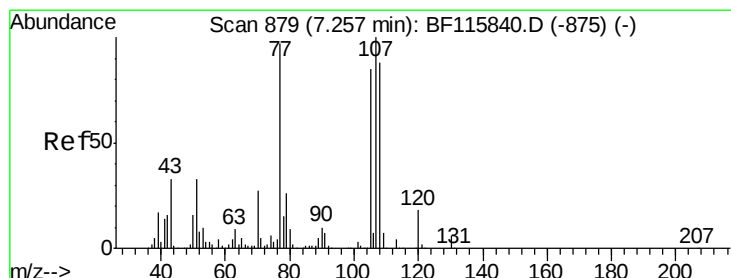
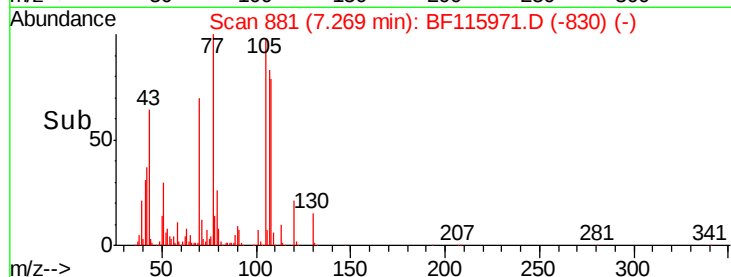
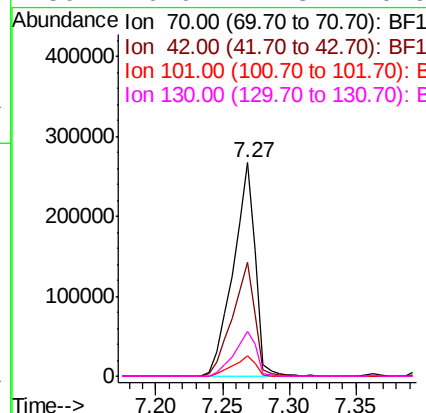
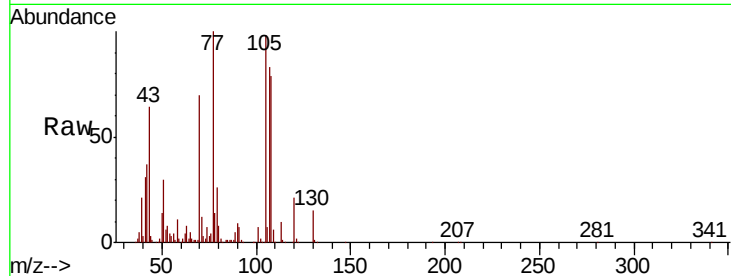




#19
n-Nitroso-di-n-propylamine
Concen: 45.513 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

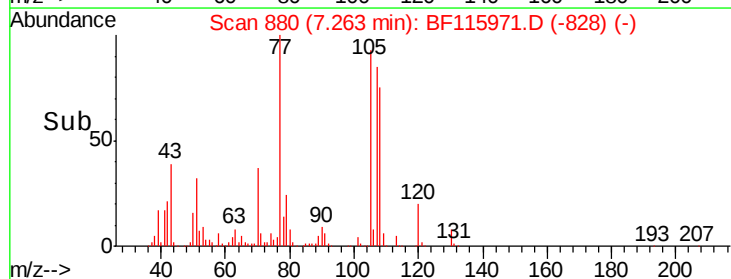
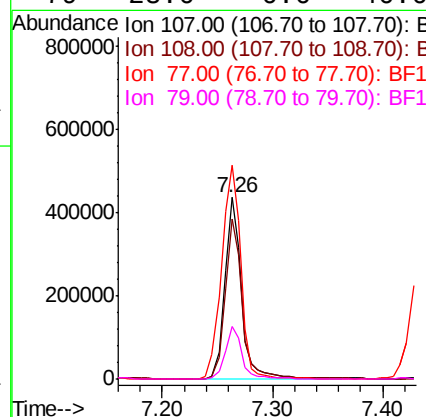
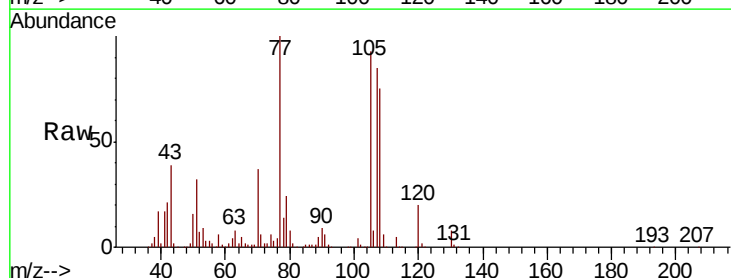
Instrument :
BNA_F
ClientSampleId :
PB121947BS

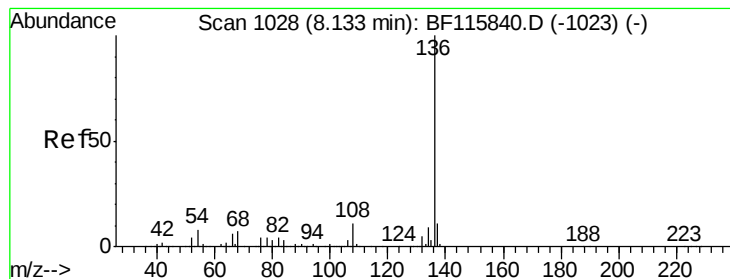
Tgt Ion:	70	Resp:	312537
Ion	Ratio	Lower	Upper
70	100		
42	53.5	41.8	62.8
101	9.5	7.7	11.5
130	20.9	17.8	26.6



#20
3+4-Methylphenols
Concen: 46.529 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion:	107	Resp:	452830
Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.9	107.9
77	117.8	77.3	117.3#
79	28.6	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

Tgt Ion:136 Resp: 607984

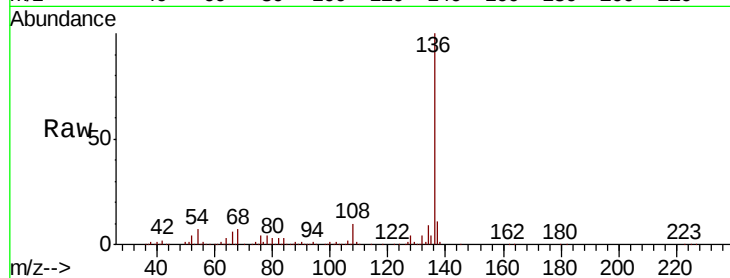
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.4 6.1 9.1

68 6.6 5.4 8.2

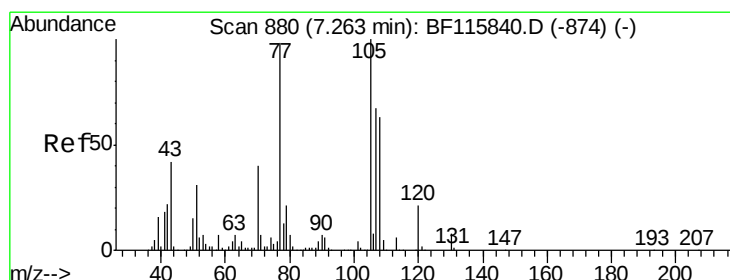
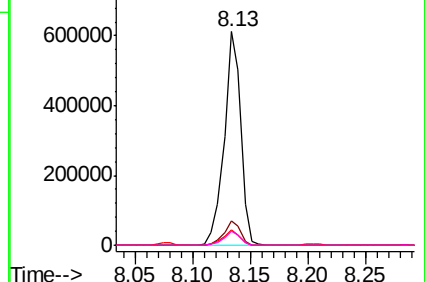
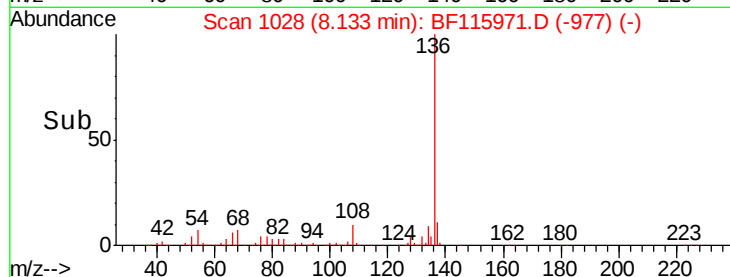


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.633 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Tgt Ion:105 Resp: 608465

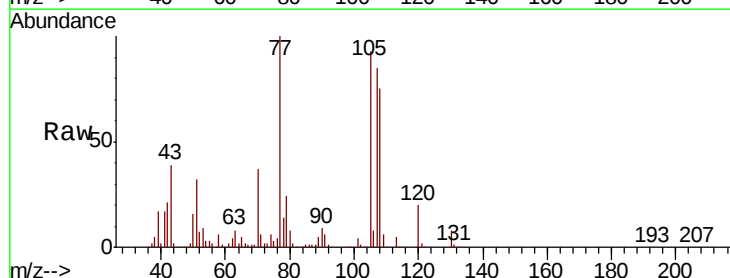
Ion Ratio Lower Upper

105 100

71 6.9 5.4 8.0

51 34.1 24.6 36.8

120 21.9 17.0 25.6

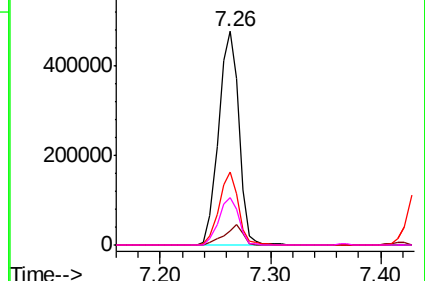
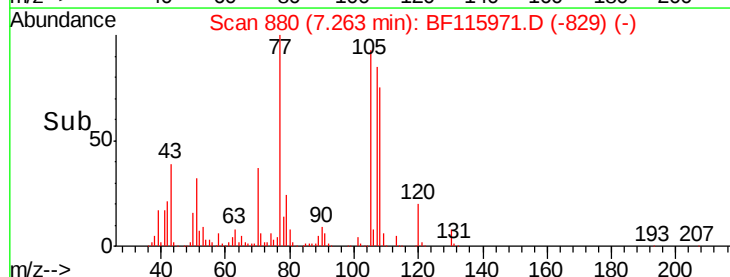


Abundance Ion 105.00 (104.70 to 105.70): E

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

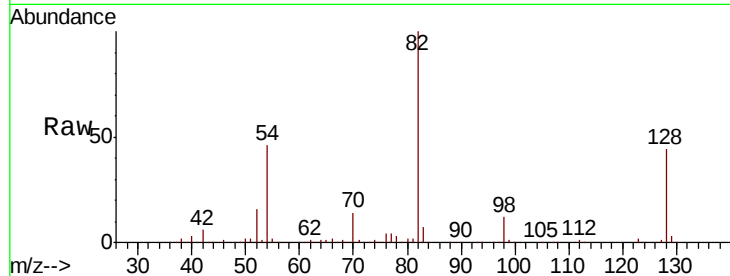




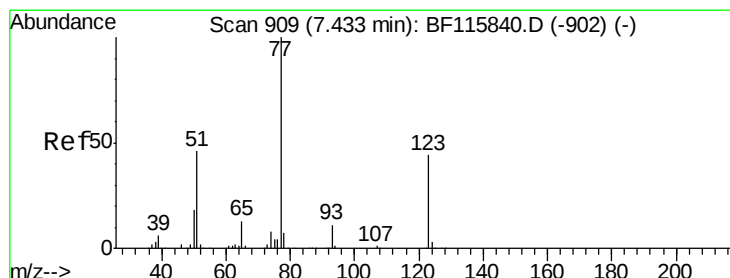
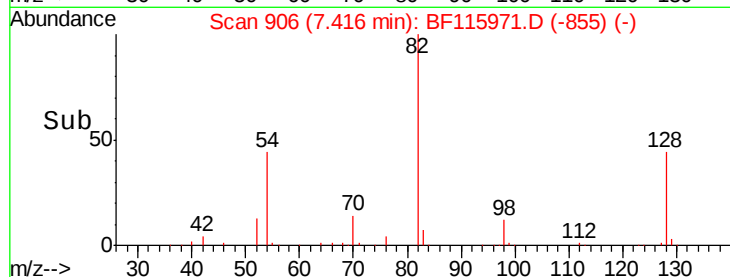
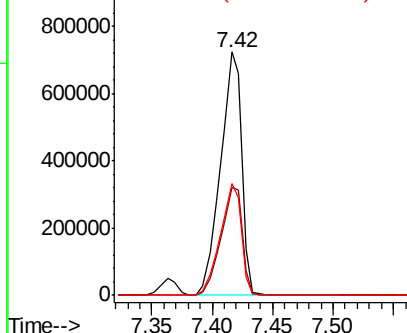
#23
 Nitrobenzene-d5
 Concen: 83.062 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tgt Ion: 82 Resp: 874875
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.6 55.0
 54 45.7 36.6 55.0

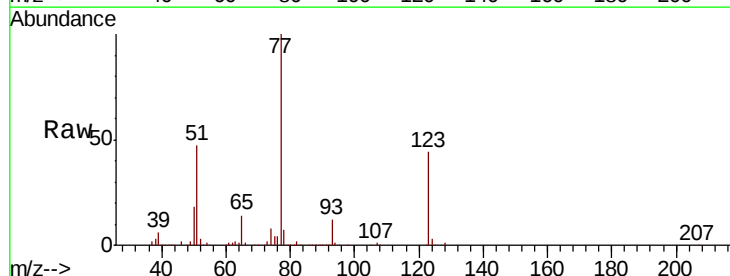


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

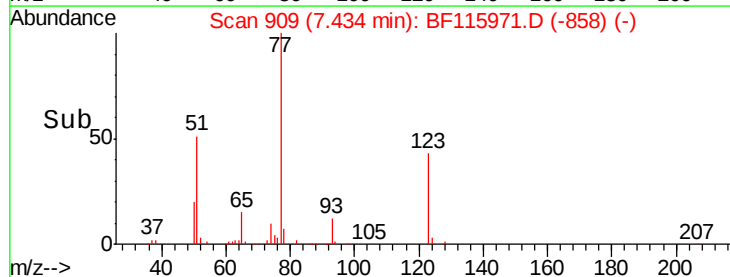
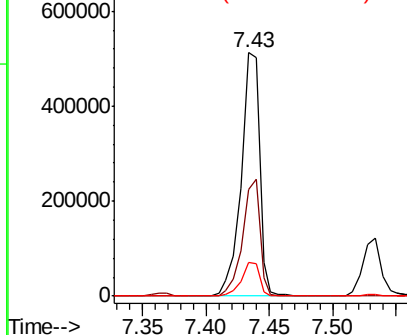


#24
 Nitrobenzene
 Concen: 45.215 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion: 77 Resp: 514230
 Ion Ratio Lower Upper
 77 100
 123 43.8 35.5 53.3
 65 13.6 10.6 15.8



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: 45.807 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

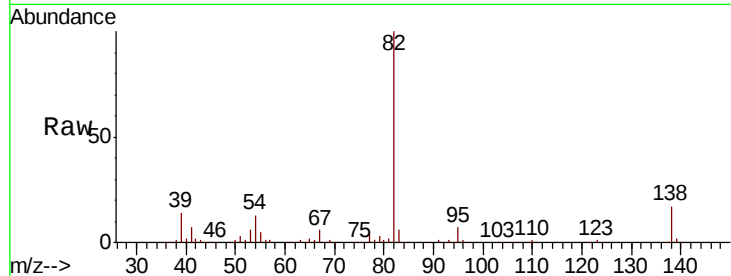
Tgt Ion: 82 Resp: 922572

Ion Ratio Lower Upper

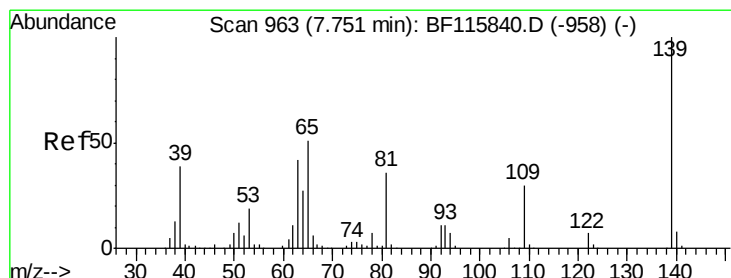
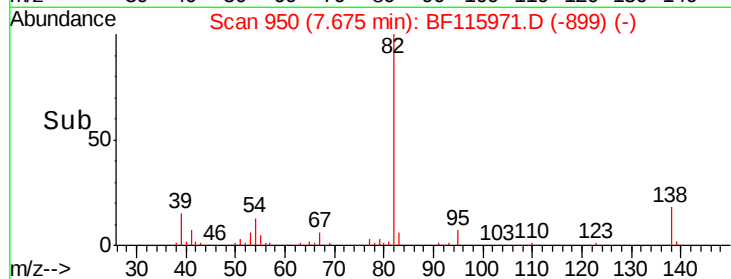
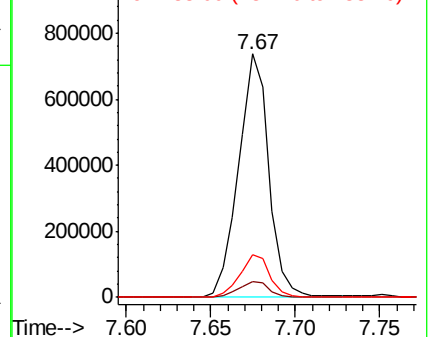
82 100

95 6.7 5.5 8.3

138 17.4 13.9 20.9



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



#26

2-Nitrophenol

Concen: 47.186 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

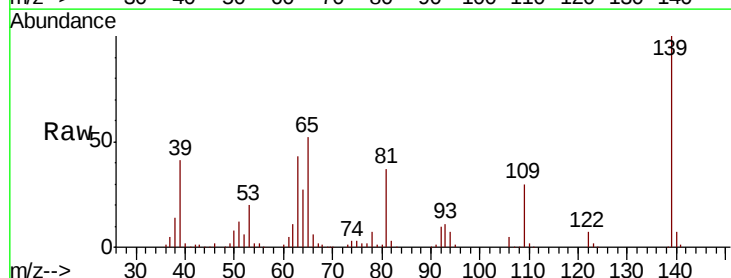
Tgt Ion: 139 Resp: 252962

Ion Ratio Lower Upper

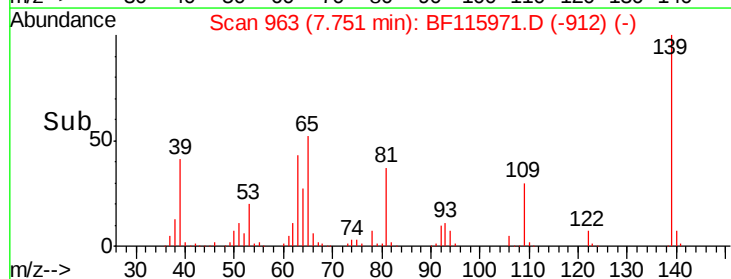
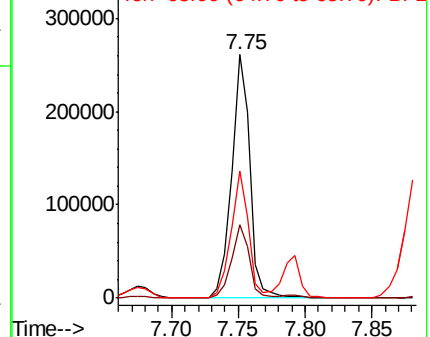
139 100

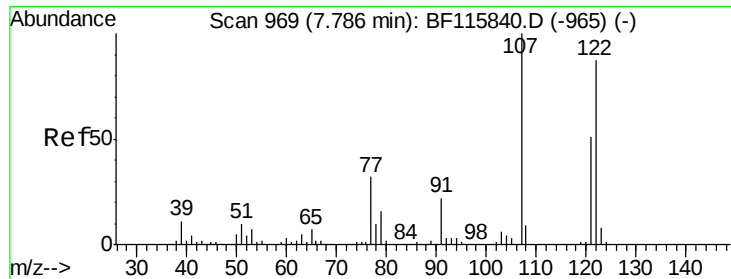
109 30.0 23.6 35.4

65 52.4 40.6 60.8



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





#27

2,4-Dimethylphenol

Concen: 50.830 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

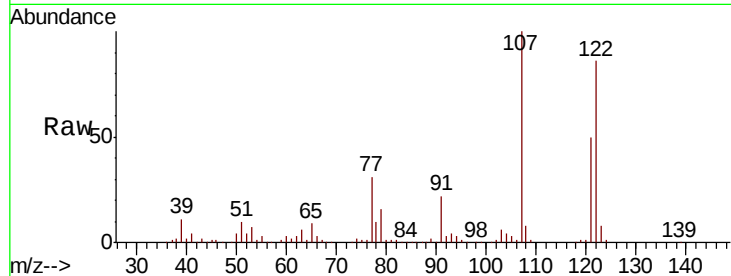
Tgt Ion:122 Resp: 409973

Ion Ratio Lower Upper

122 100

107 116.3 91.7 137.5

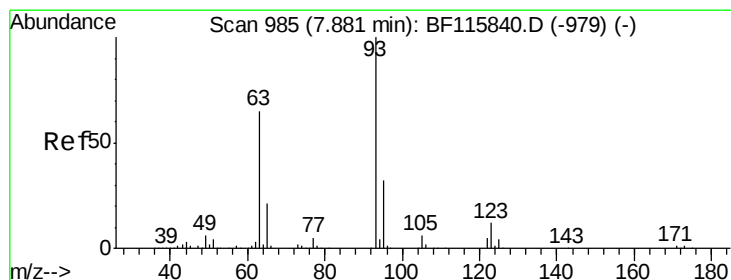
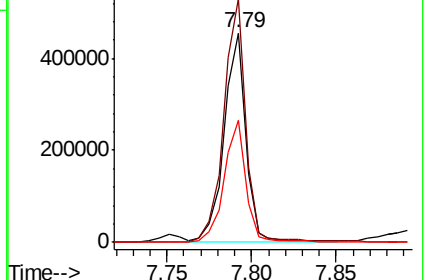
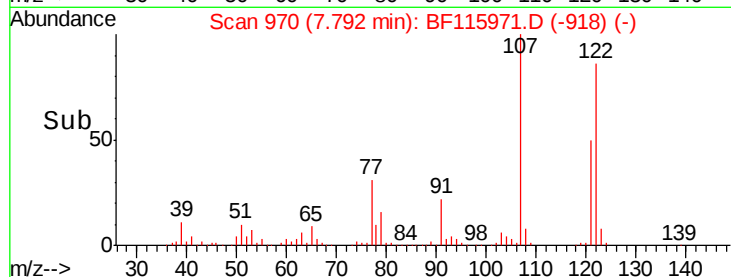
121 58.4 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.226 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

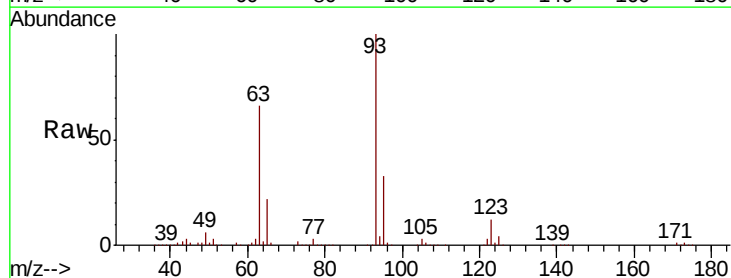
Tgt Ion: 93 Resp: 564569

Ion Ratio Lower Upper

93 100

95 33.3 26.0 39.0

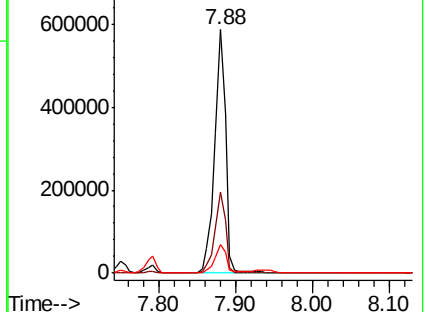
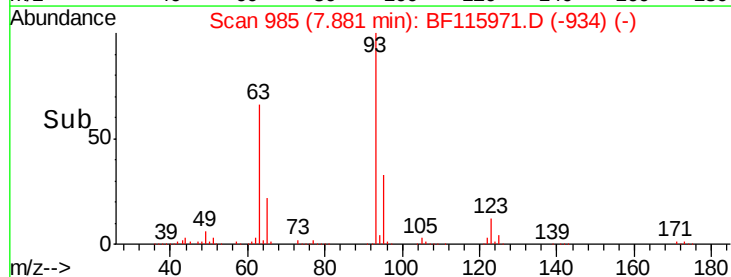
123 11.9 9.5 14.3



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

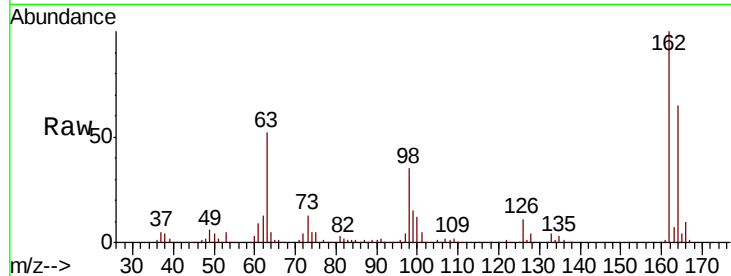




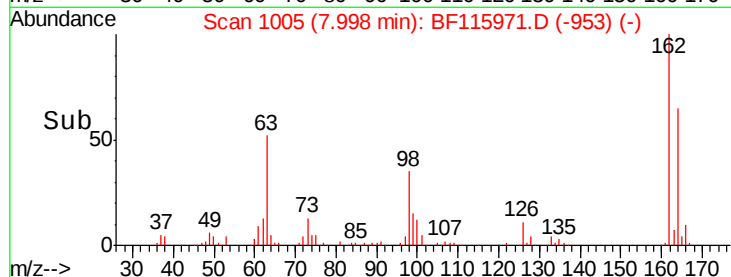
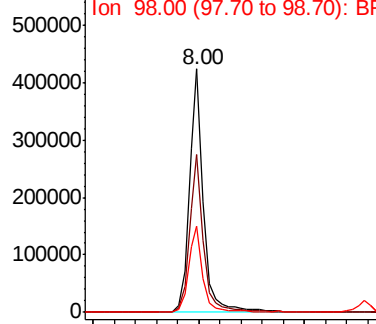
#29
 2,4-Dichlorophenol
 Concen: 46.876 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tgt Ion:162 Resp: 399198
 Ion Ratio Lower Upper
 162 100
 164 64.7 43.2 83.2
 98 35.3 17.3 57.3

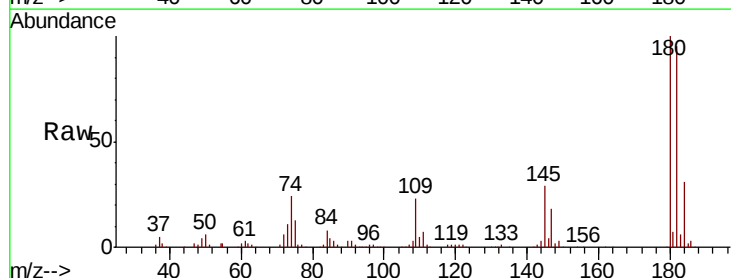


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

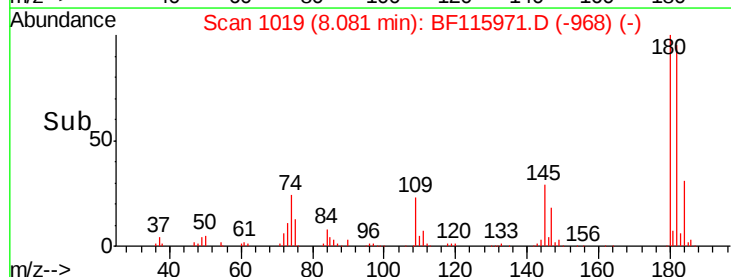
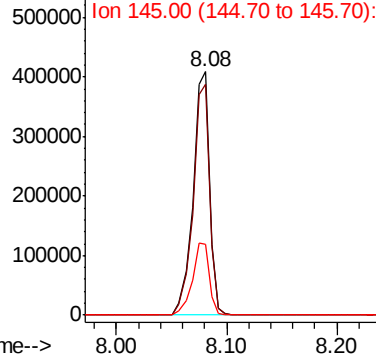


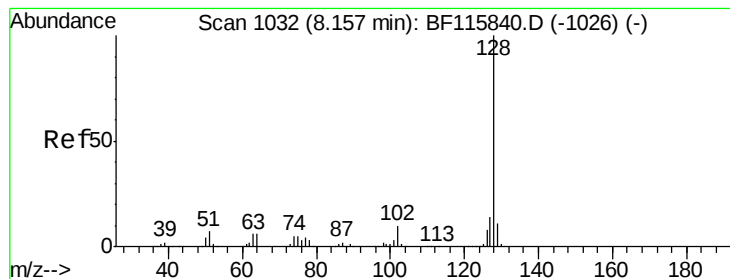
#30
 1,2,4-Trichlorobenzene
 Concen: 44.155 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion:180 Resp: 428637
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.6 114.8
 145 29.0 23.2 34.8



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: 45.676 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

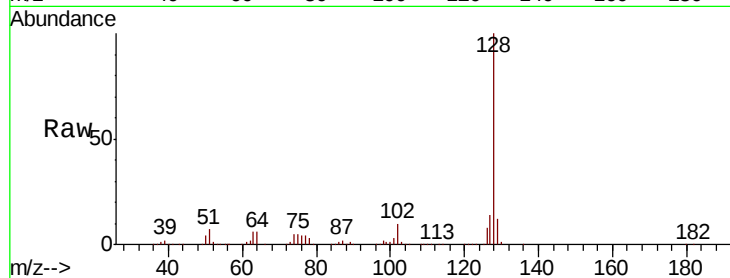
Tgt Ion:128 Resp: 1306819

Ion Ratio Lower Upper

128 100

129 12.0 9.2 13.8

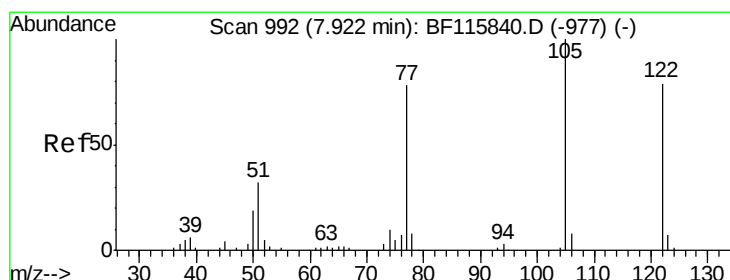
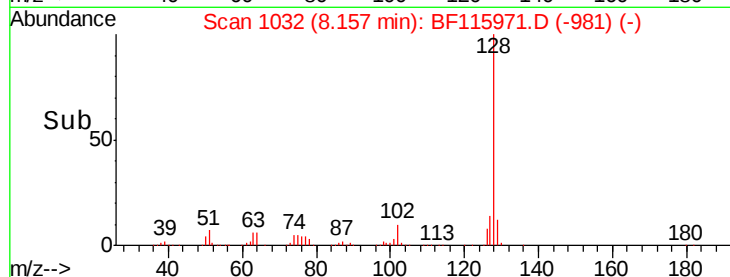
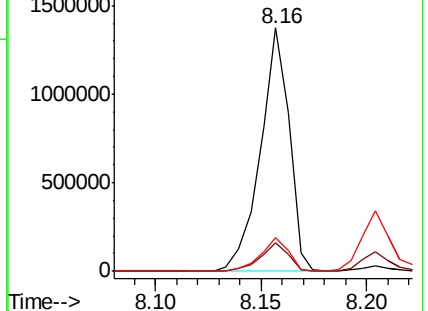
127 14.0 11.0 16.4



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: 43.822 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

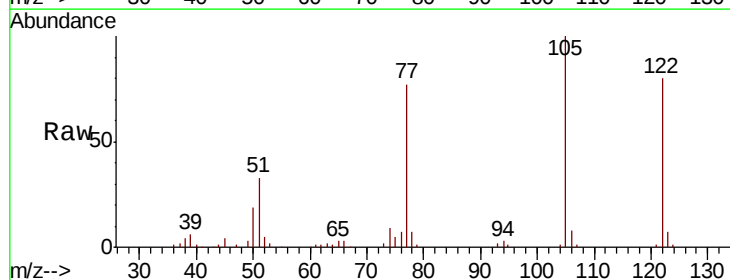
Tgt Ion:122 Resp: 249189

Ion Ratio Lower Upper

122 100

105 124.6 103.1 143.1

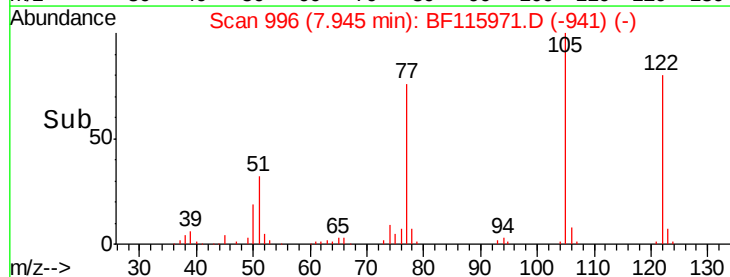
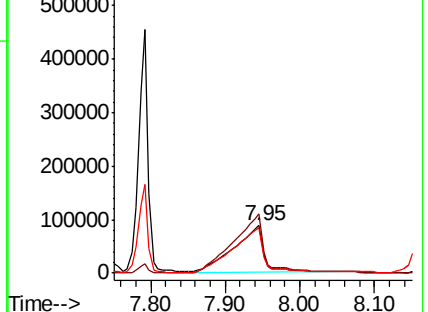
77 96.2 76.8 116.8

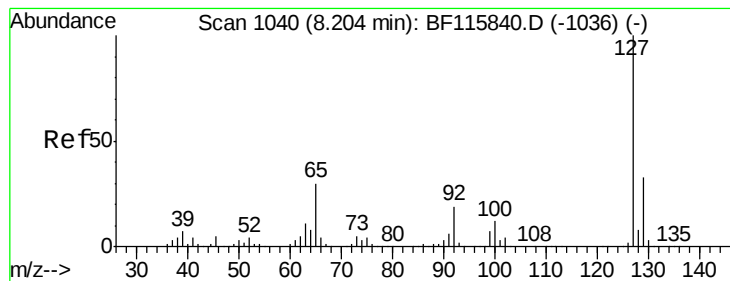


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 30.034 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

Tgt Ion:127 Resp: 383940

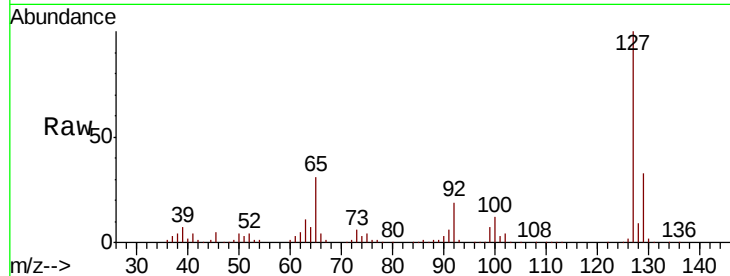
Ion Ratio Lower Upper

127 100

129 33.1 26.0 39.0

65 30.7 23.9 35.9

92 18.8 14.9 22.3

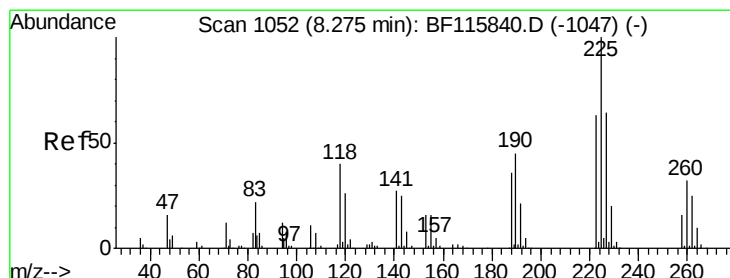
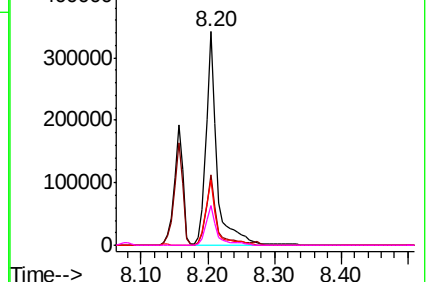
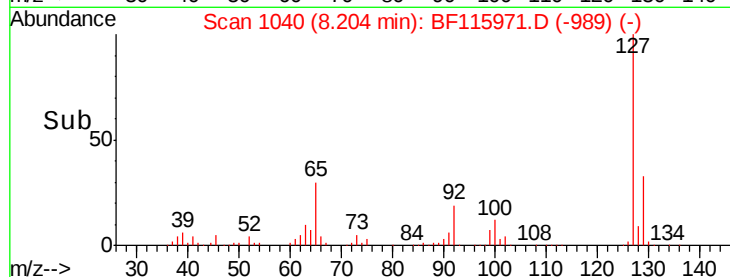


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.545 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

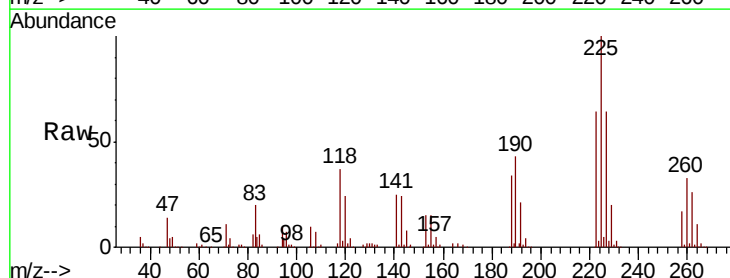
Tgt Ion:225 Resp: 237894

Ion Ratio Lower Upper

225 100

223 64.3 50.4 75.6

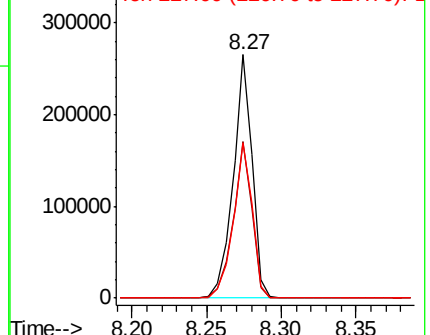
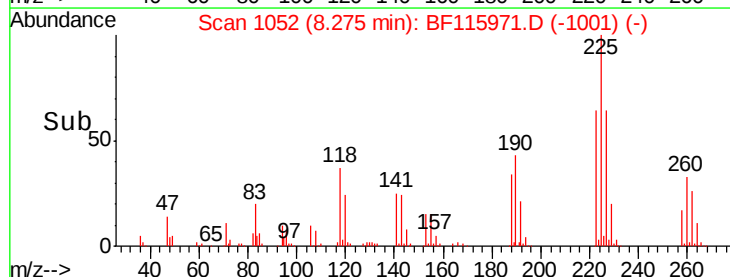
227 63.8 51.6 77.4

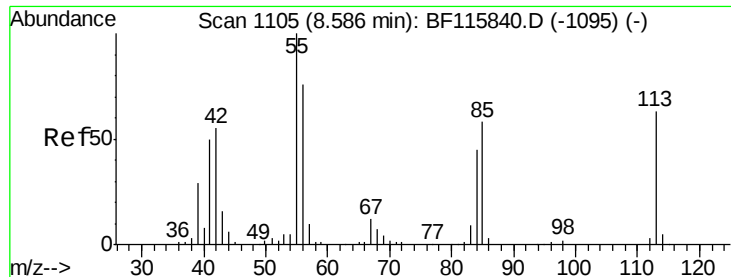


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

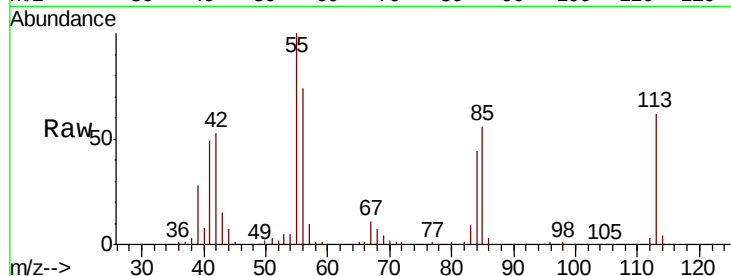




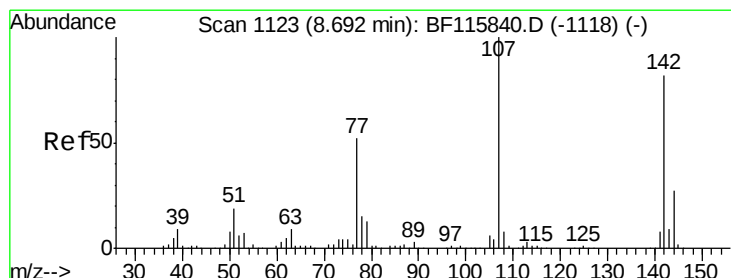
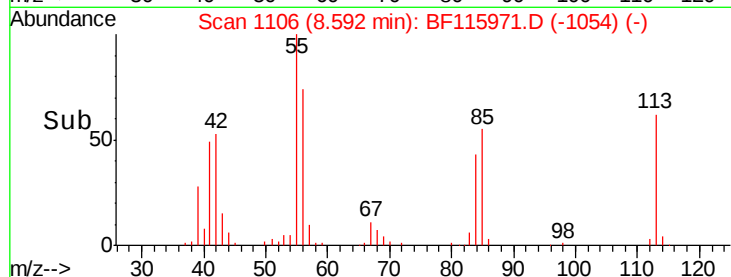
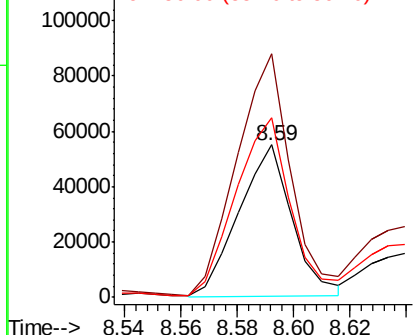
#35
Caprolactam
Concen: 26.087 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tgt Ion:113 Resp: 71852
Ion Ratio Lower Upper
113 100
55 160.1 138.1 178.1
56 117.7 100.6 140.6

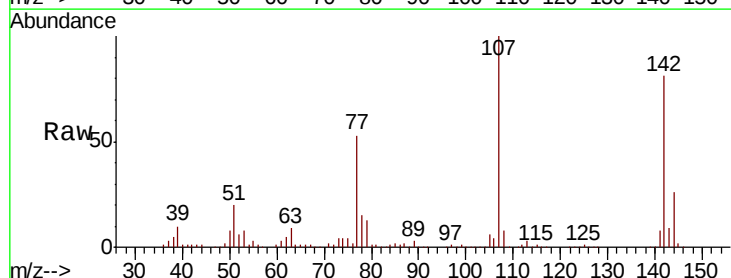


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

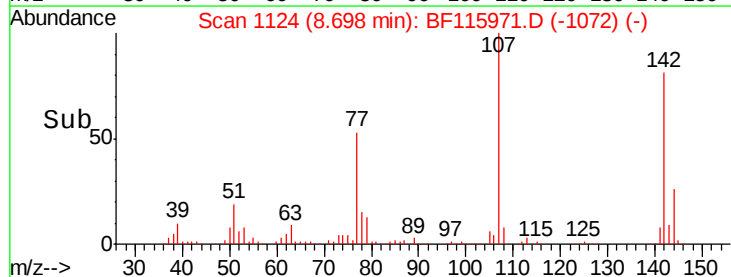
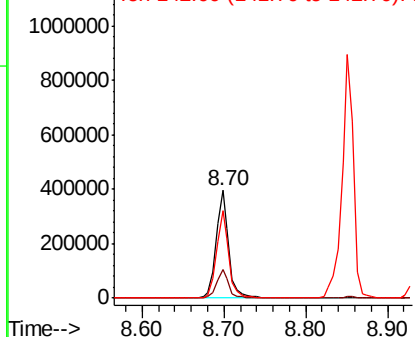


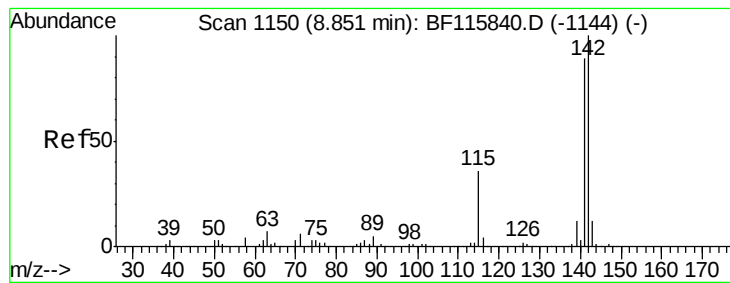
#36
4-Chloro-3-methylphenol
Concen: 47.719 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion:107 Resp: 422769
Ion Ratio Lower Upper
107 100
144 26.2 21.4 32.0
142 80.7 65.5 98.3



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

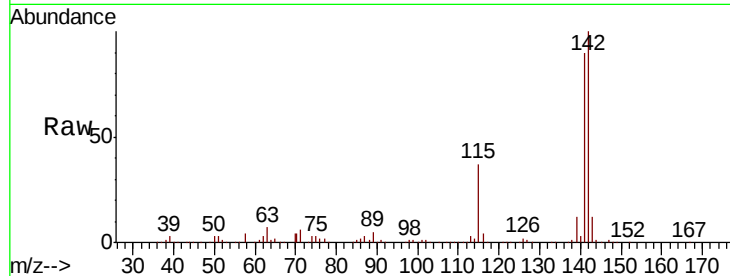




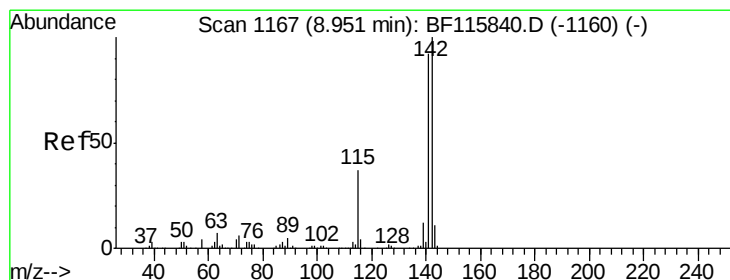
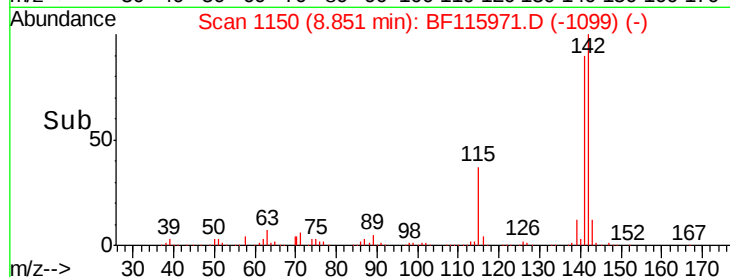
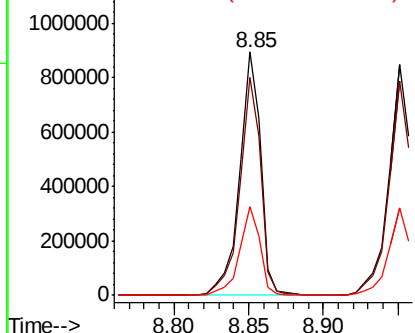
#37
 2-Methylnaphthalene
 Concen: 46.498 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tgt Ion:142 Resp: 876135
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.4 107.2
 115 36.5 28.9 43.3

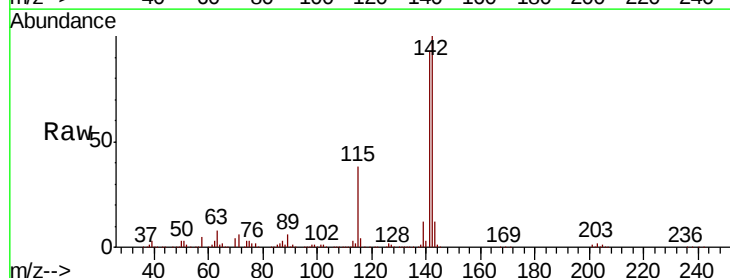


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

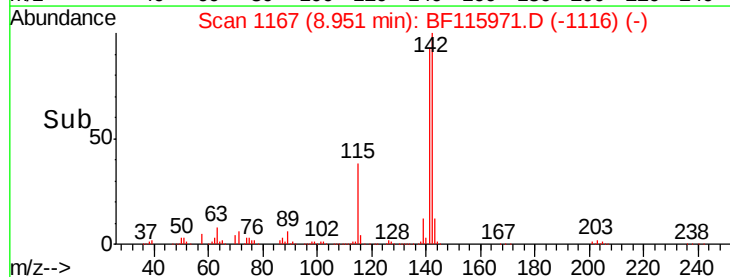
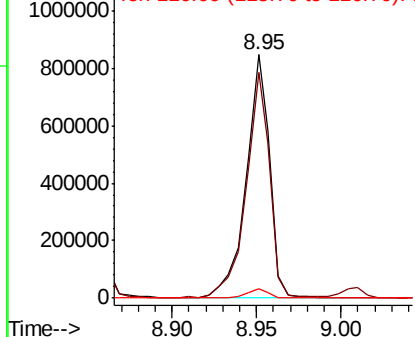


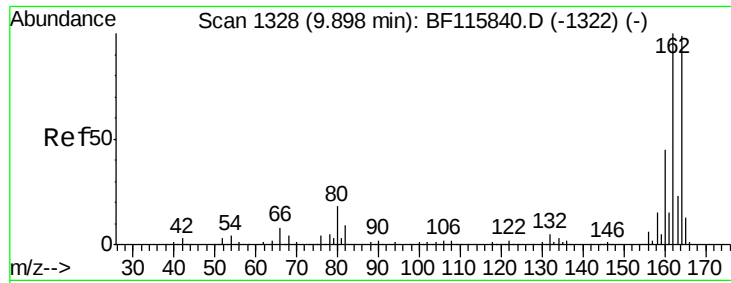
#38
 1-Methylnaphthalene
 Concen: 45.923 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion:142 Resp: 818607
 Ion Ratio Lower Upper
 142 100
 141 92.6 73.8 110.6
 116 4.0 3.1 4.7



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

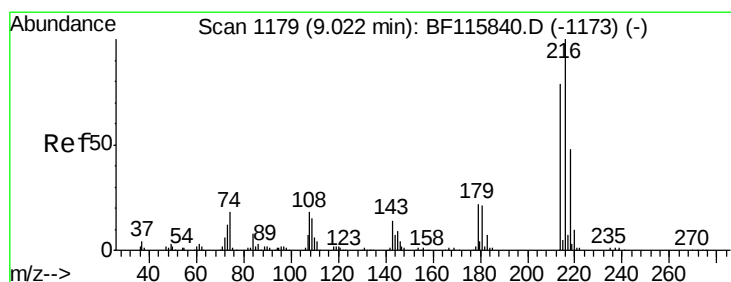
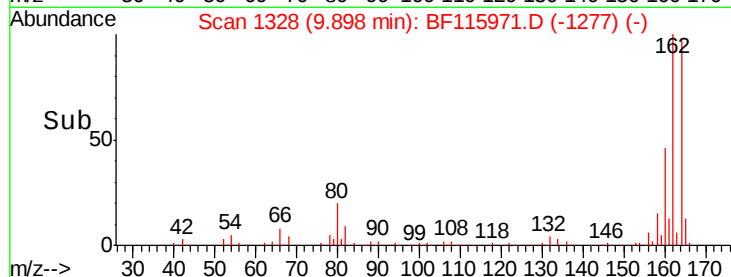
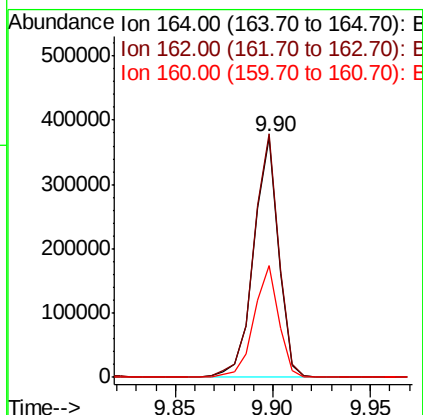
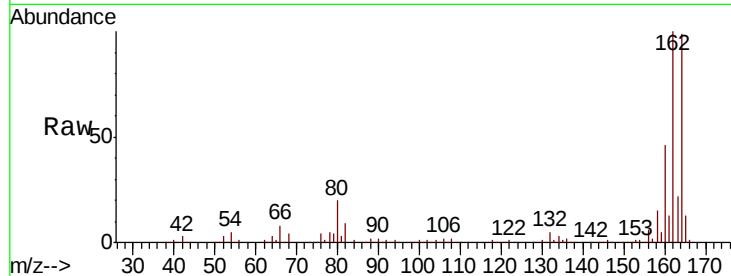




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

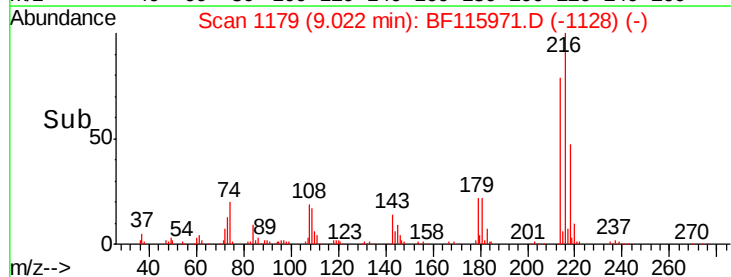
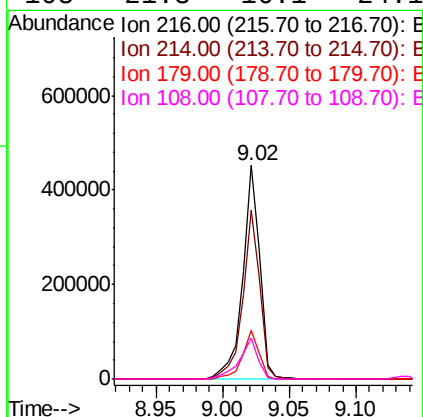
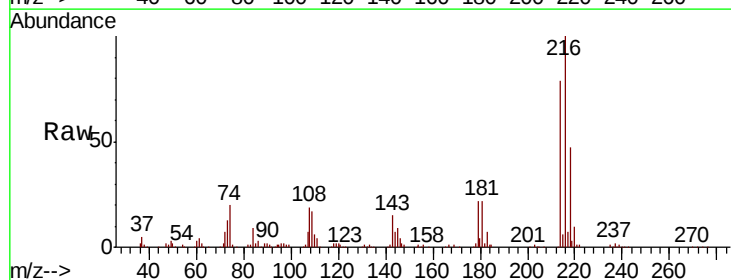
Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.8	121.2
160	46.5	36.2	54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.419 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.8	94.2
179	22.1	17.6	26.4
108	21.3	16.1	24.1





#41

Hexachlorocyclopentadiene

Concen: 68.354 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

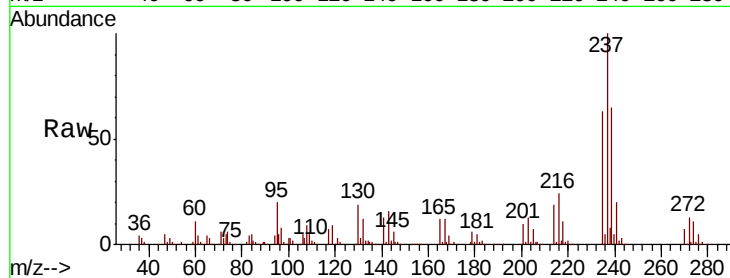
Tgt Ion: 237 Resp: 266794

Ion Ratio Lower Upper

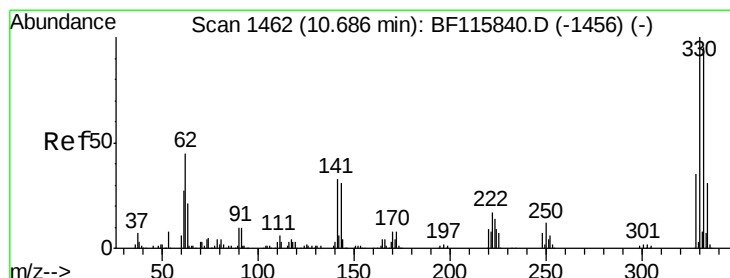
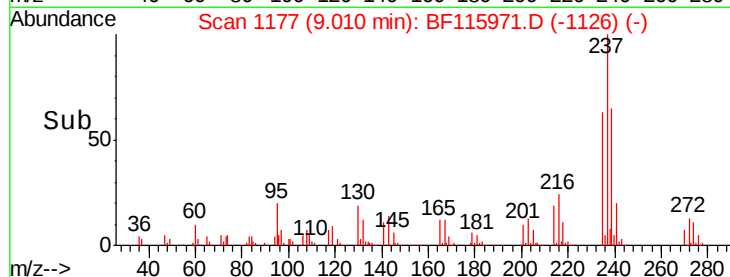
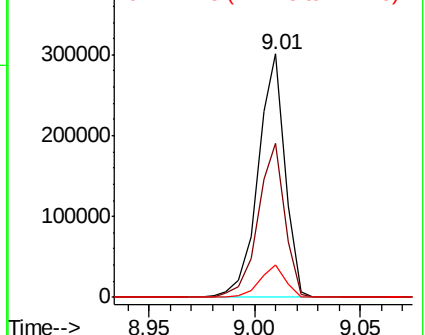
237 100

235 63.4 42.5 82.5

272 13.3 0.0 33.3



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: 116.456 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

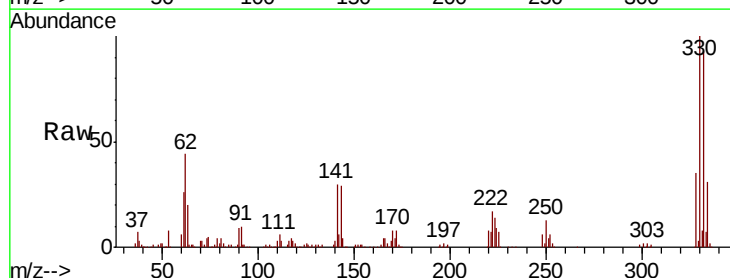
Tgt Ion: 330 Resp: 372260

Ion Ratio Lower Upper

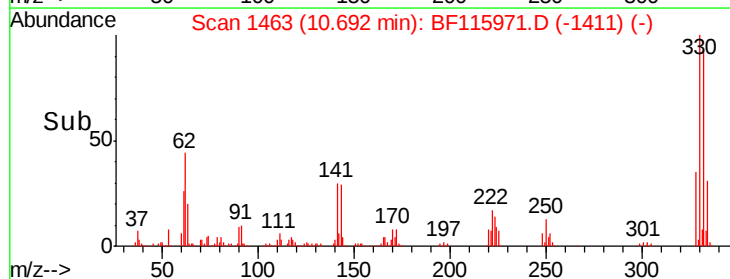
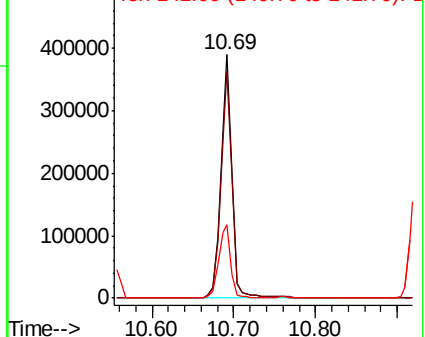
330 100

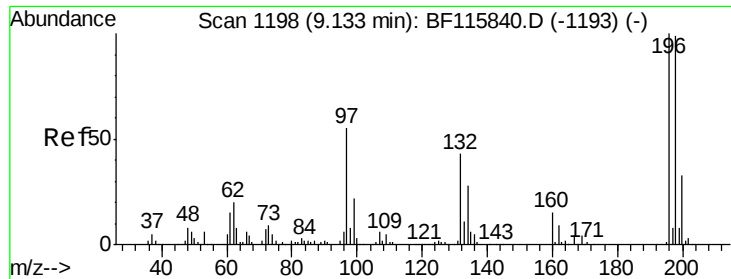
332 95.3 77.7 116.5

141 32.6 28.1 42.1



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

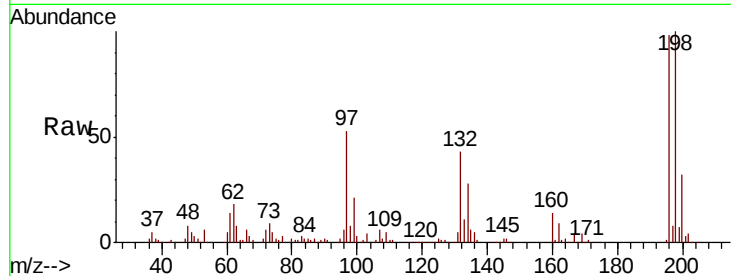




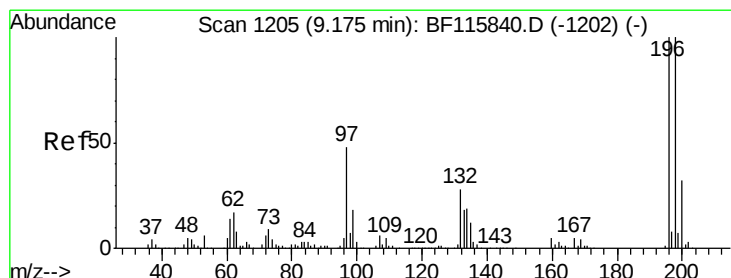
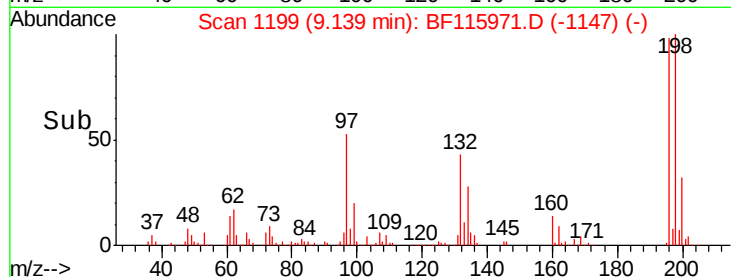
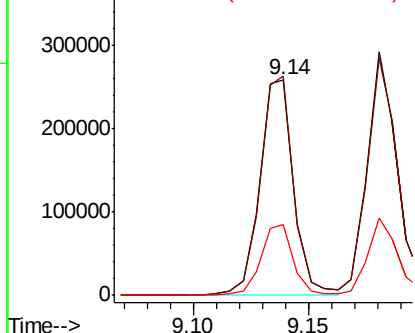
#43
 2,4,6-Trichlorophenol
 Concen: 43.688 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tgt Ion:196 Resp: 265058
 Ion Ratio Lower Upper
 196 100
 198 101.9 79.1 118.7
 200 32.9 26.0 39.0

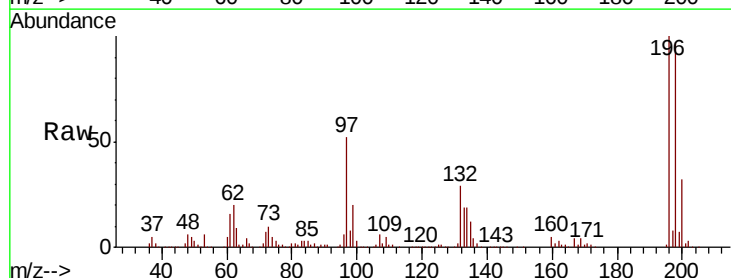


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

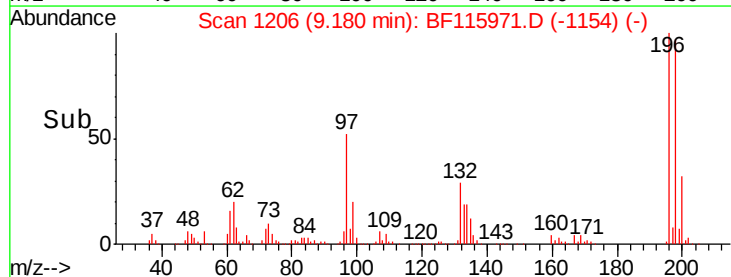
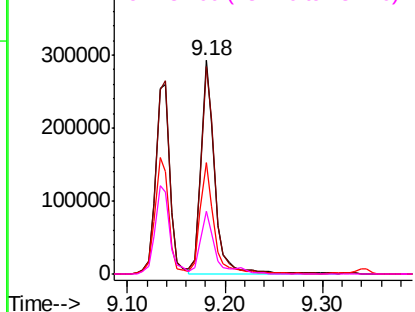


#44
 2,4,5-Trichlorophenol
 Concen: 44.933 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion:196 Resp: 281795
 Ion Ratio Lower Upper
 196 100
 198 97.4 80.1 120.1
 97 52.1 38.9 58.3
 132 29.2 22.6 33.8



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

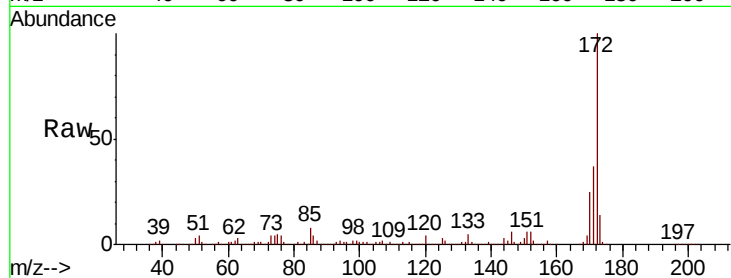




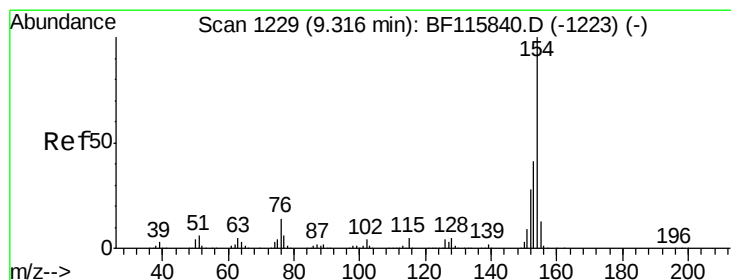
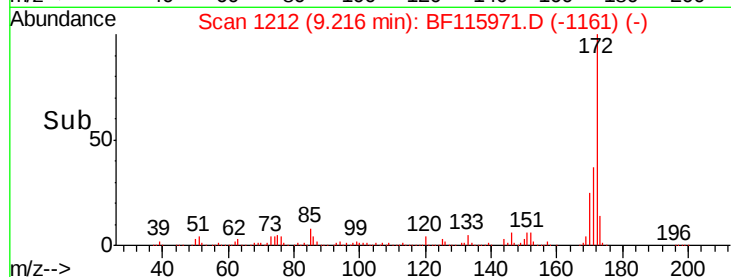
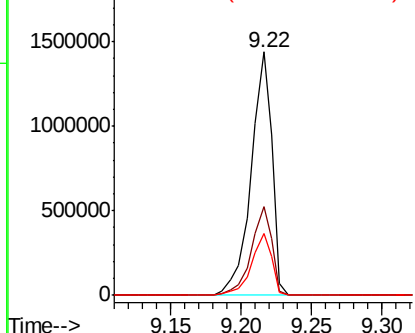
#45
2-Fluorobiphenyl
Concen: 85.224 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tgt Ion:172 Resp: 1500141
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 25.2 20.1 30.1

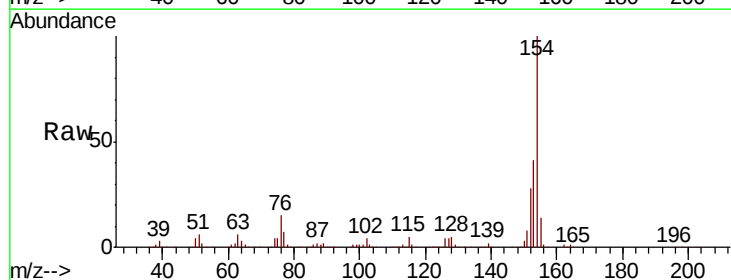


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

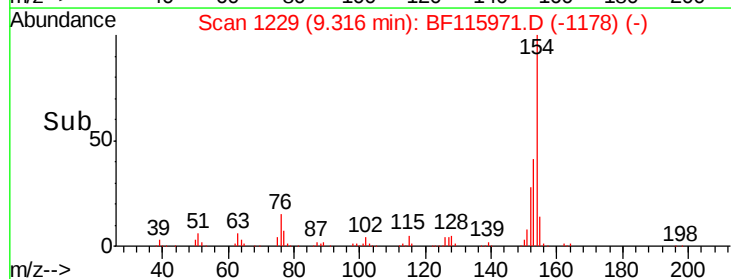
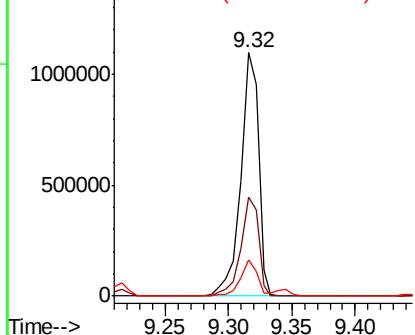


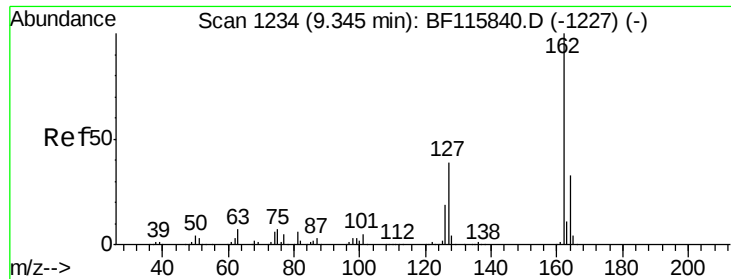
#46
1,1'-Biphenyl
Concen: 45.440 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion:154 Resp: 1057721
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 15.1 0.0 34.3



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

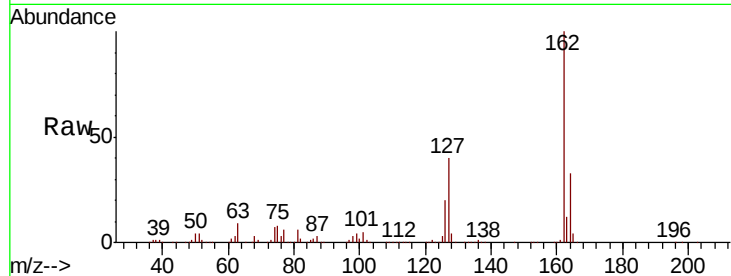




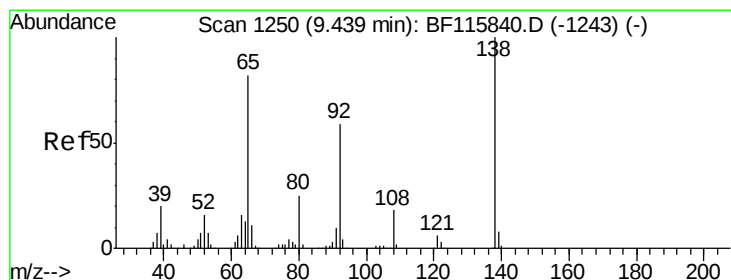
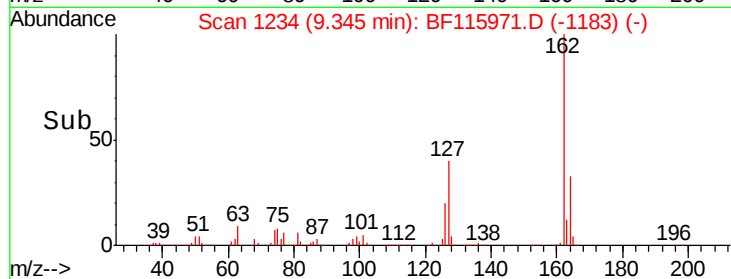
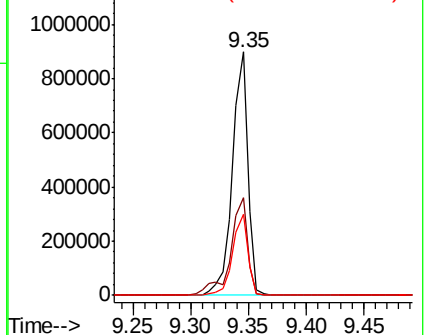
#47
2-Chloronaphthalene
Concen: 43.238 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tgt Ion: 162 Resp: 837676
Ion Ratio Lower Upper
162 100
127 39.9 31.3 46.9
164 33.1 26.6 40.0

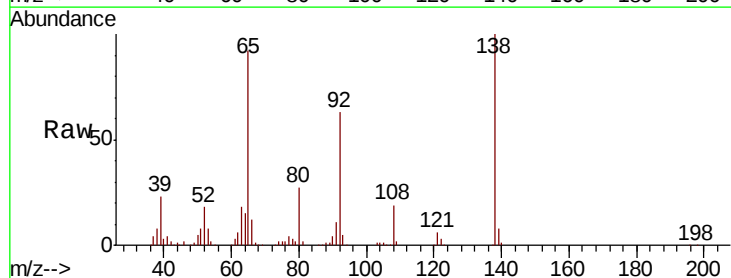


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

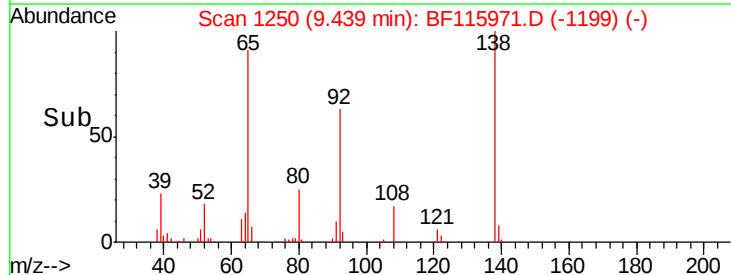
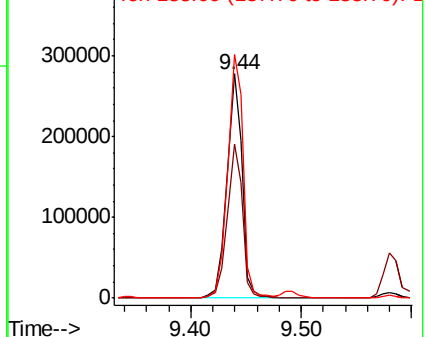


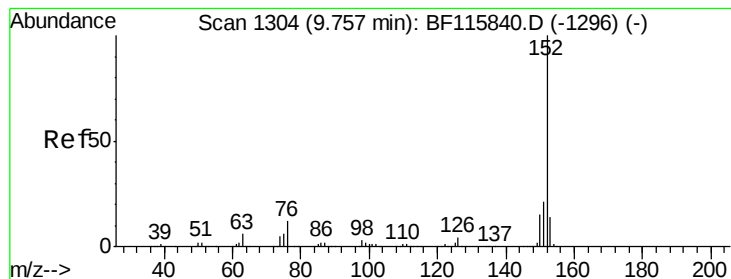
#48
2-Nitroaniline
Concen: 42.245 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion: 65 Resp: 270521
Ion Ratio Lower Upper
65 100
92 68.8 57.1 85.7
138 108.7 97.1 145.7



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: 45.249 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

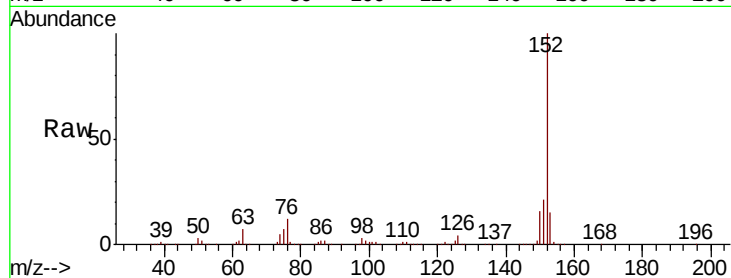
Tgt Ion:152 Resp: 1278910

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

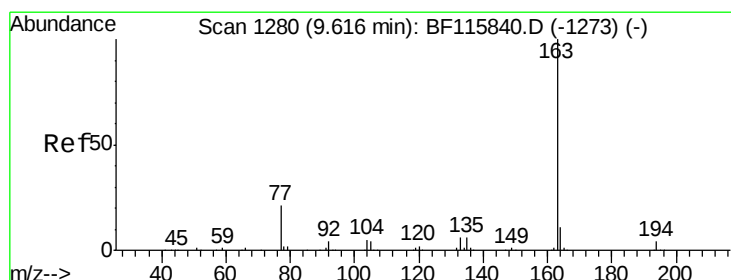
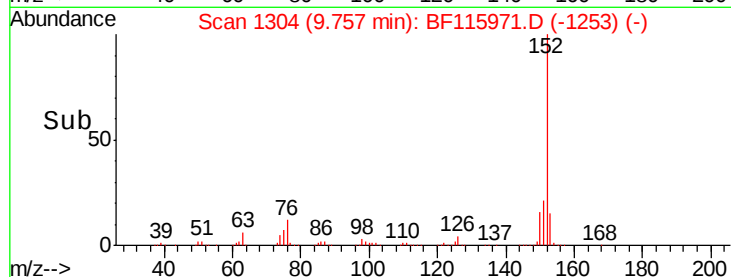
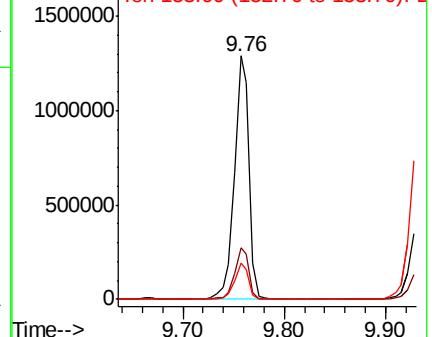
153 14.7 11.6 17.4



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: 44.226 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

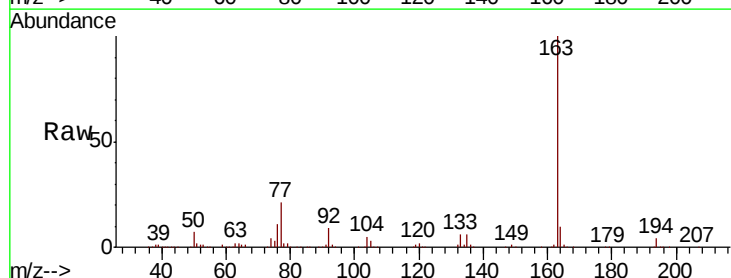
Tgt Ion:163 Resp: 992840

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

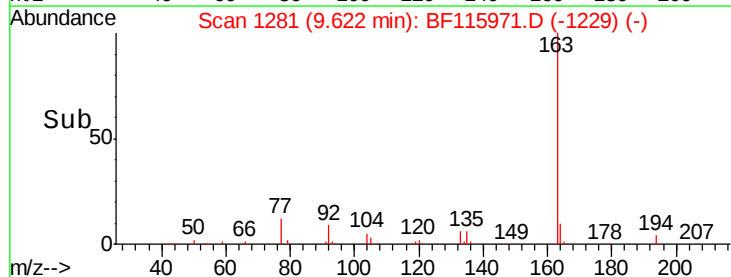
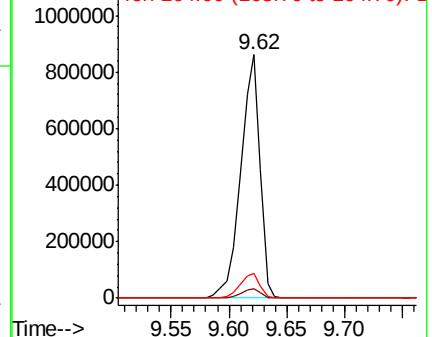
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

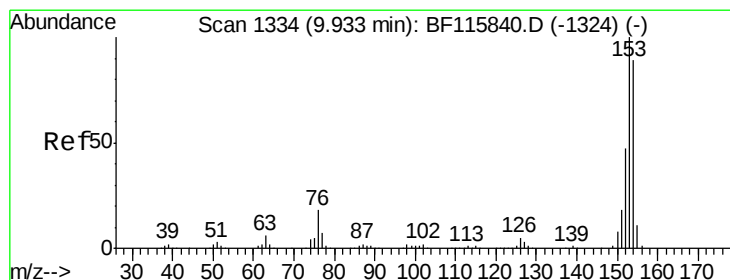
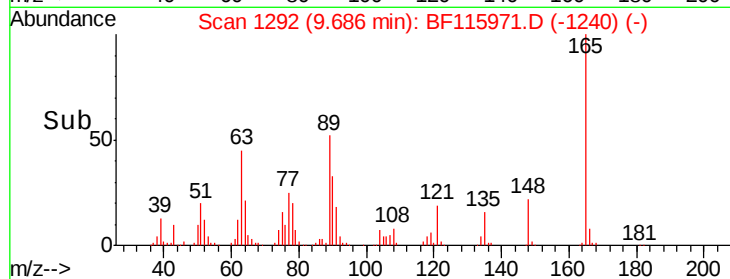
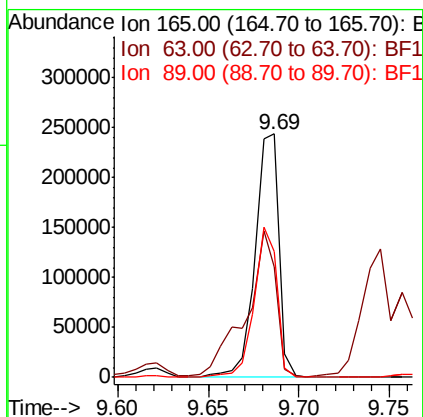
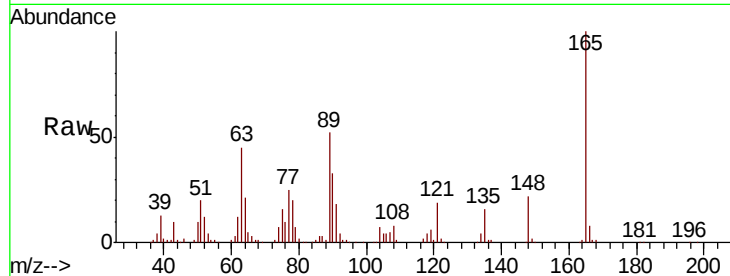




#51
 2,6-Dinitrotoluene
 Concen: 45.727 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

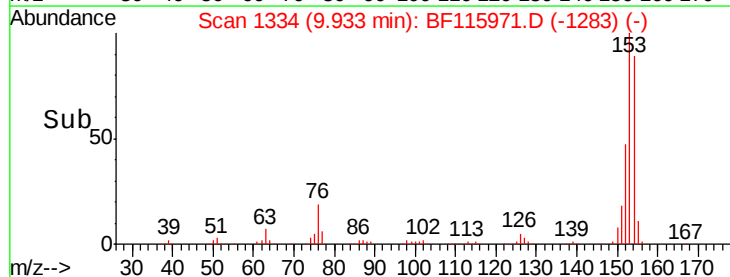
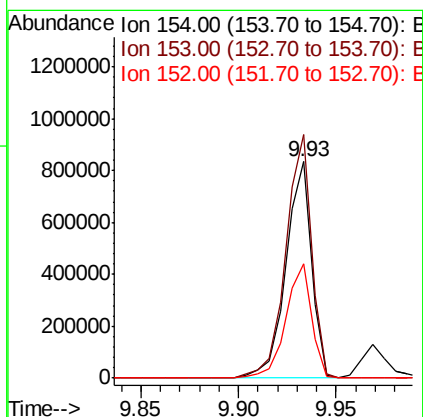
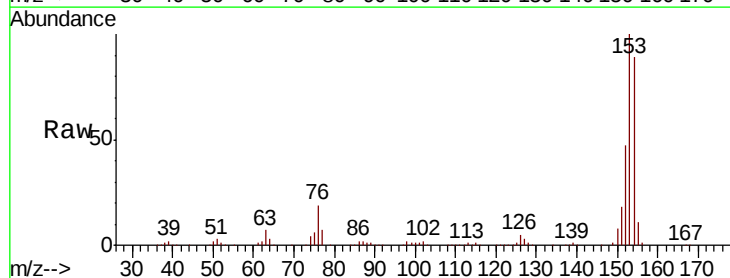
Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

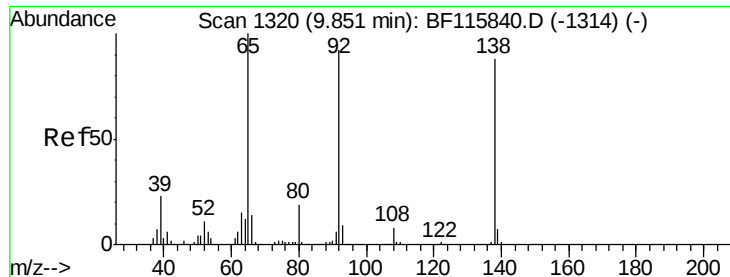
Tgt Ion:165 Resp: 223086
 Ion Ratio Lower Upper
 165 100
 63 45.2 39.4 59.2
 89 51.8 43.0 64.6



#52
 Acenaphthene
 Concen: 43.976 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion:154 Resp: 762523
 Ion Ratio Lower Upper
 154 100
 153 112.4 90.1 135.1
 152 53.1 42.6 63.8





#53

3-Nitroaniline

Concen: 31.103 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

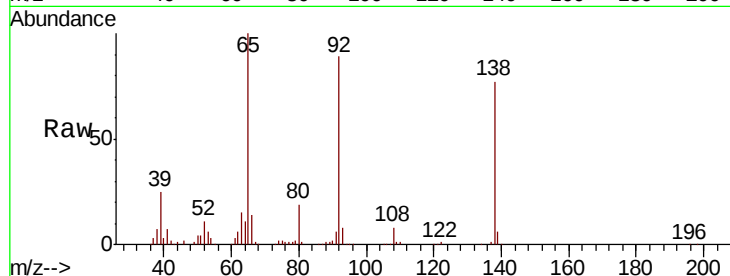
Tgt Ion:138 Resp: 187492

Ion Ratio Lower Upper

138 100

108 10.5 7.4 11.2

92 116.4 83.9 125.9

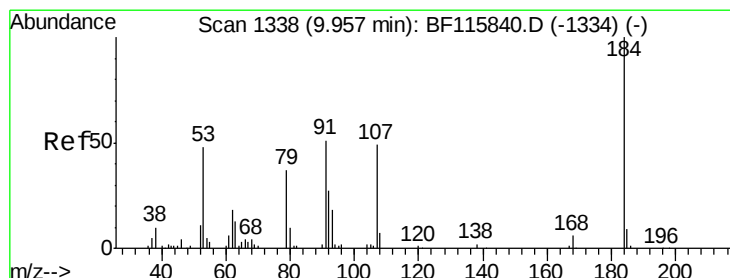
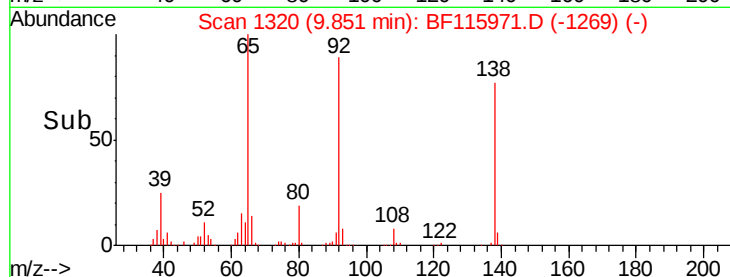
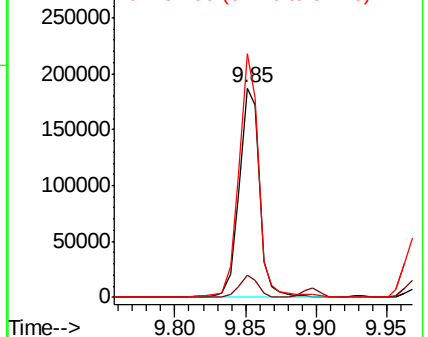


Abundance

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: 77.568 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

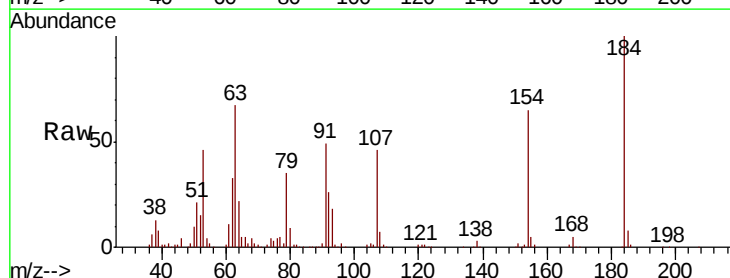
Tgt Ion:184 Resp: 191818

Ion Ratio Lower Upper

184 100

63 67.2 56.7 85.1

154 64.6 51.9 77.9

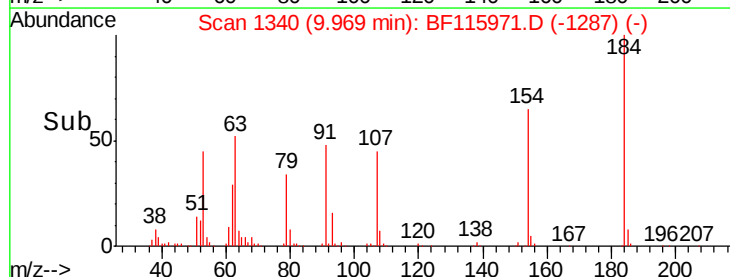
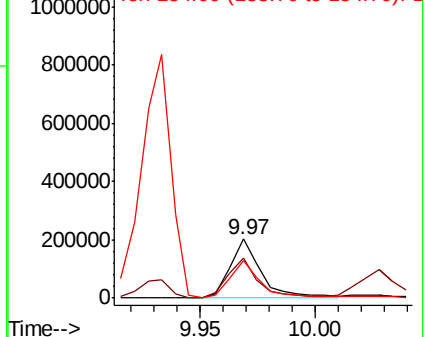


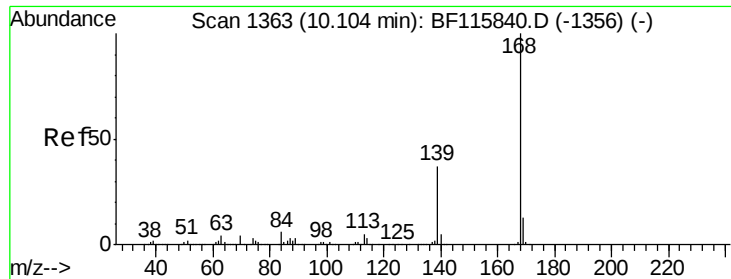
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

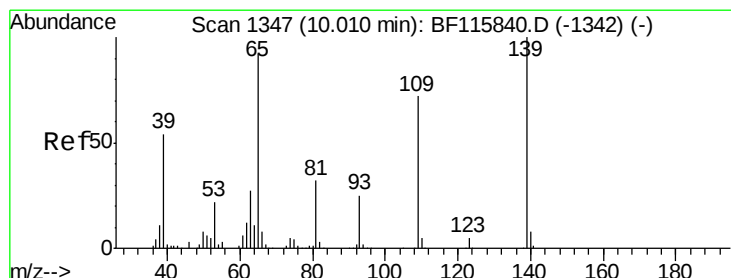
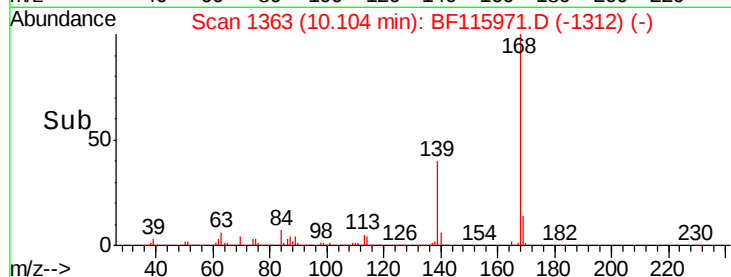
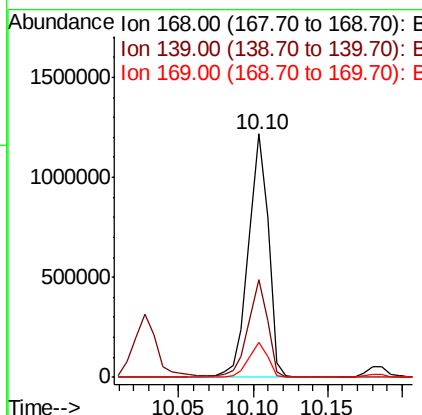
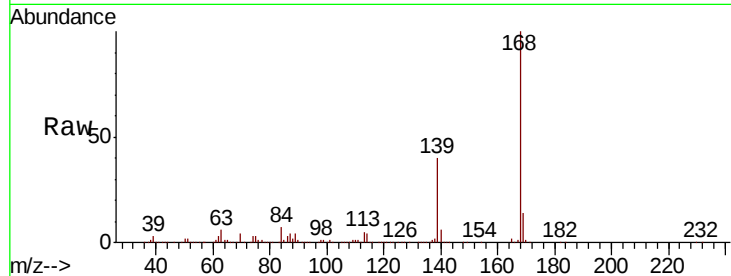




#55
Dibenzofuran
Concen: 44.471 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

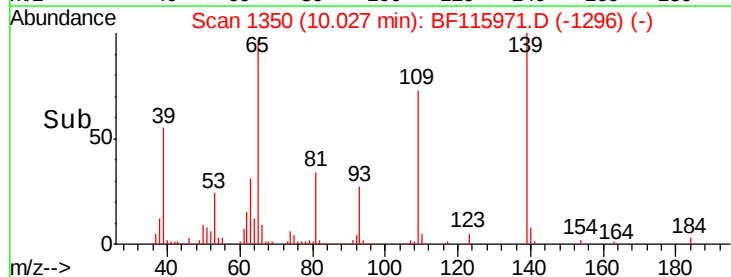
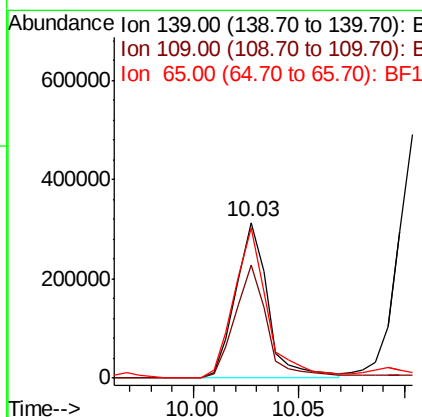
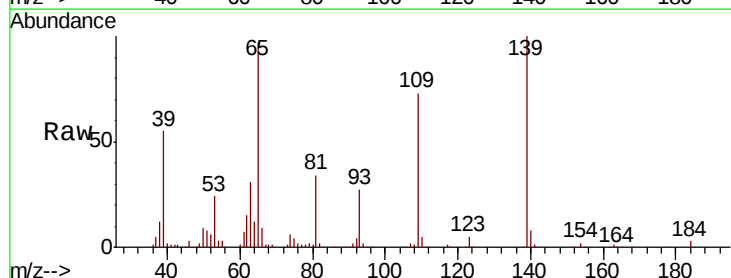
Instrument :
BNA_F
ClientSampleId :
PB121947BS

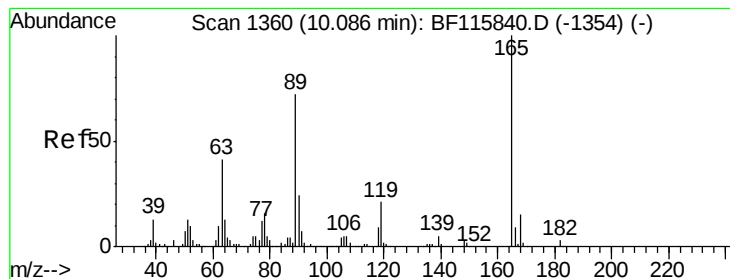
Tgt Ion:168 Resp: 1121387
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.2
169 14.2 10.8 16.2



#56
4-Nitrophenol
Concen: 86.943 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion:139 Resp: 335741
Ion Ratio Lower Upper
139 100
109 72.9 52.0 92.0
65 96.8 72.6 112.6





#57

2,4-Dinitrotoluene

Concen: 44.123 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

Tgt Ion:165 Resp: 286601

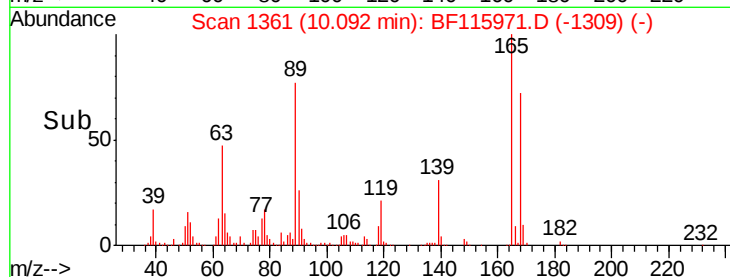
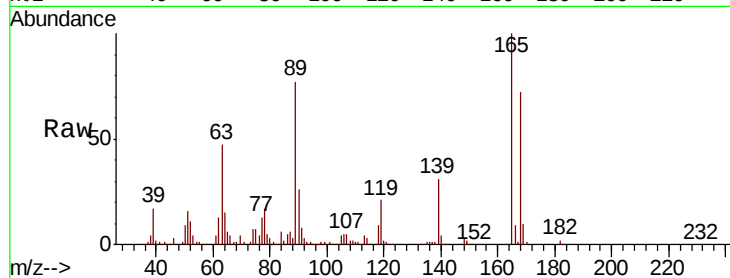
Ion Ratio Lower Upper

165 100

63 46.8 33.2 49.8

89 77.1 57.3 85.9

182 2.3 2.1 3.1

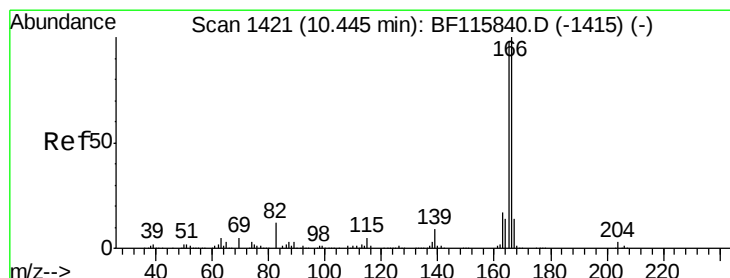
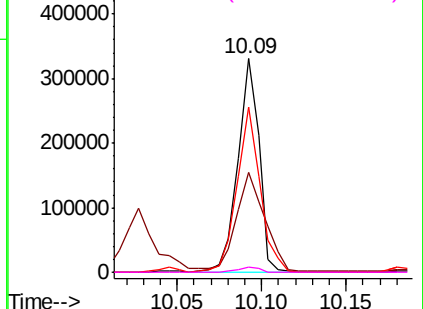


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.596 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

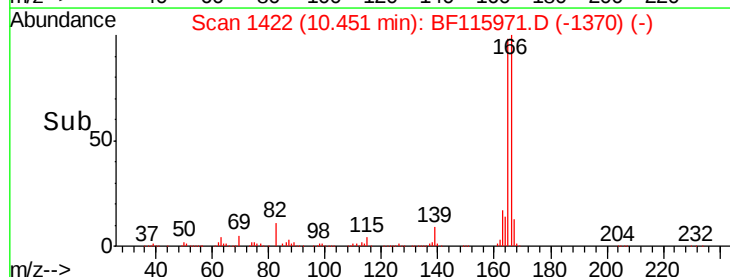
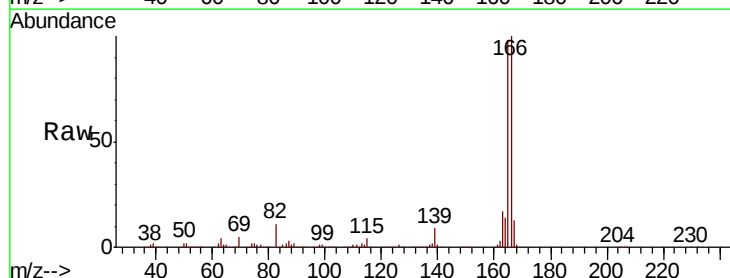
Tgt Ion:166 Resp: 865193

Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

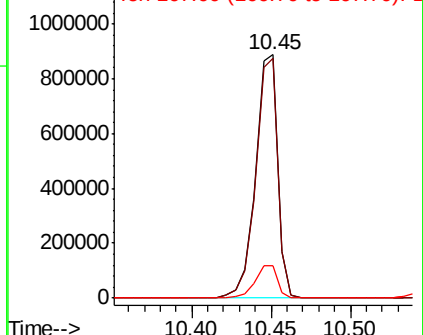
167 13.2 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

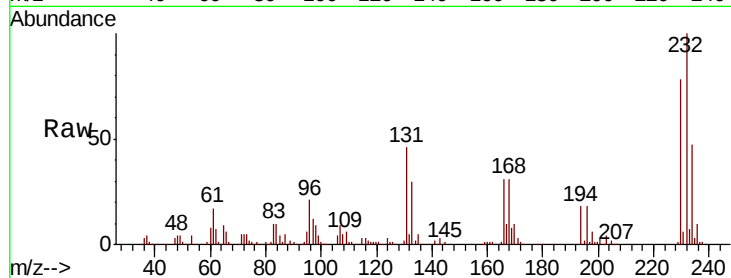




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.306 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.0	37.6	56.4
130	2.4	1.8	2.8
166	31.1	24.6	37.0



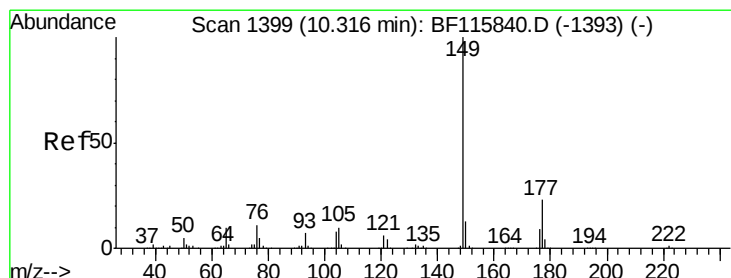
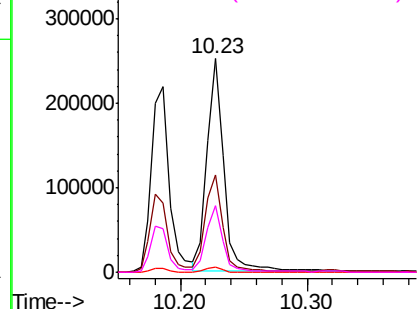
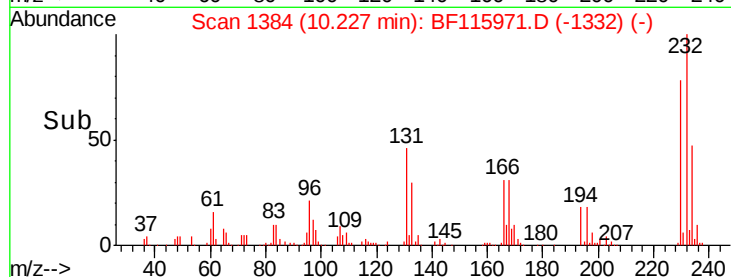
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

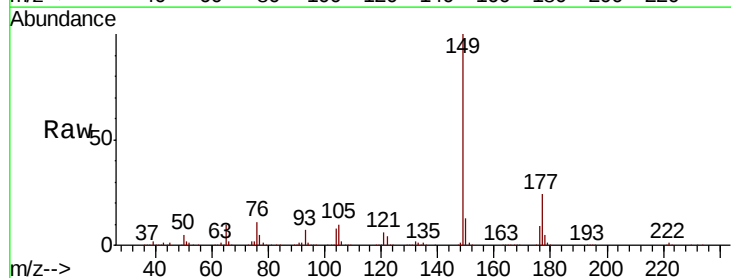
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.456 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.4	27.6
150	12.9	10.1	15.1

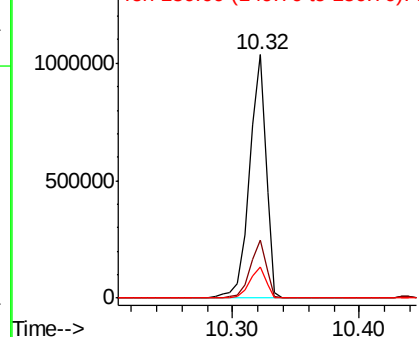
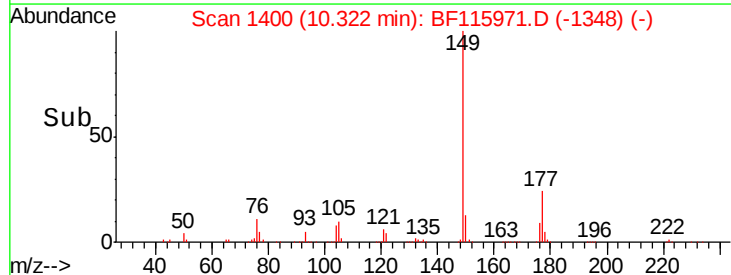


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

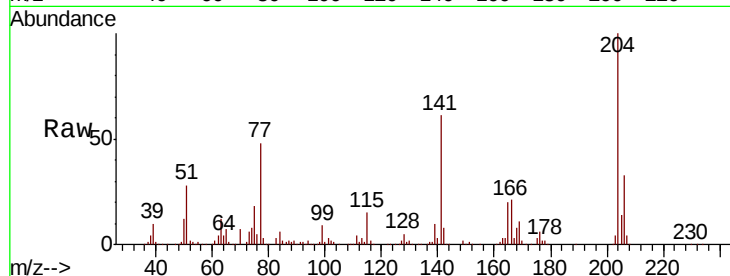




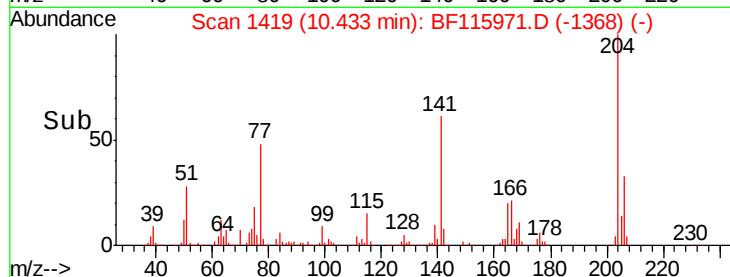
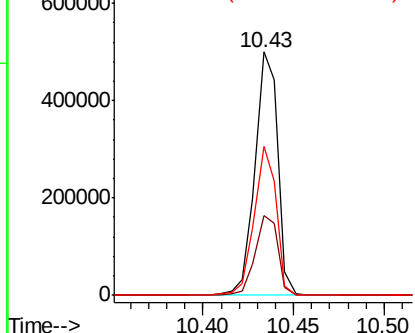
#61
4-Chlorophenyl-phenylether
Concen: 44.476 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tgt Ion:204 Resp: 437003
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 61.0 47.0 70.4

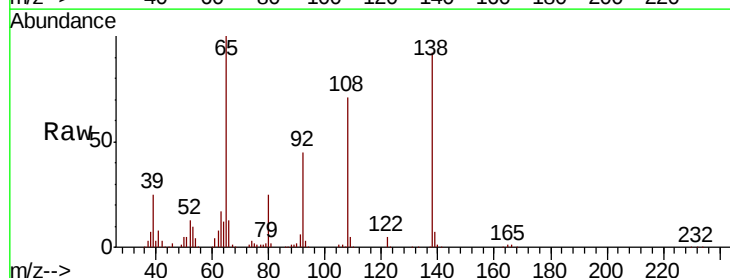


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

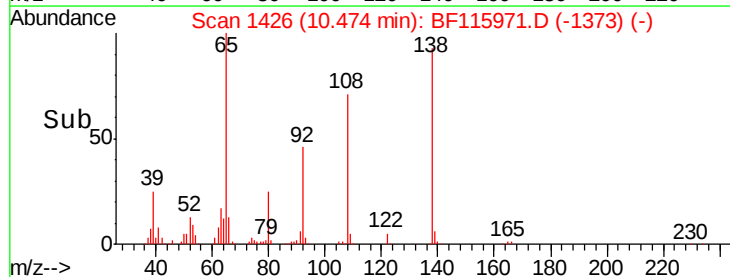
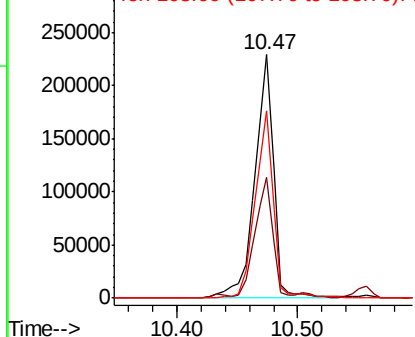


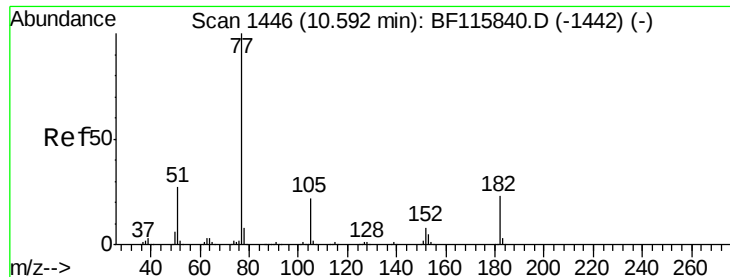
#62
4-Nitroaniline
Concen: 40.269 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion:138 Resp: 250863
Ion Ratio Lower Upper
138 100
92 49.3 31.0 71.0
108 76.8 56.7 96.7



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





#63

Azobenzene

Concen: 45.290 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

Tgt Ion: 77 Resp: 976354

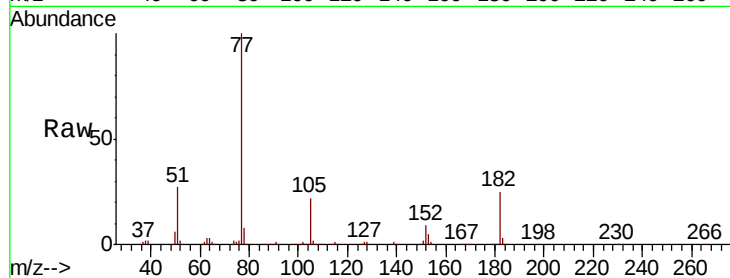
Ion Ratio Lower Upper

77 100

182 25.4 2.6 42.6

105 22.3 1.6 41.6

51 27.1 7.4 47.4

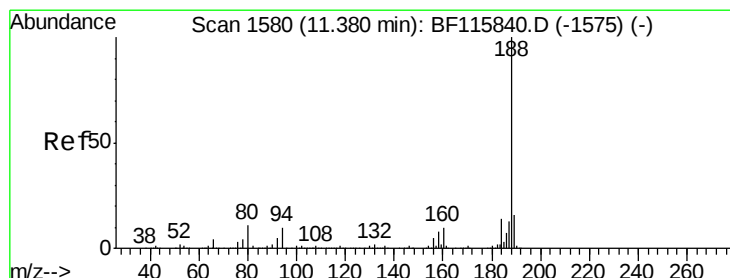
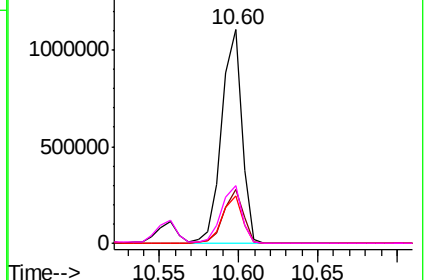
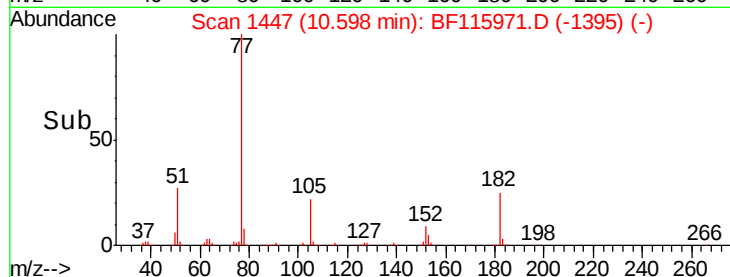


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

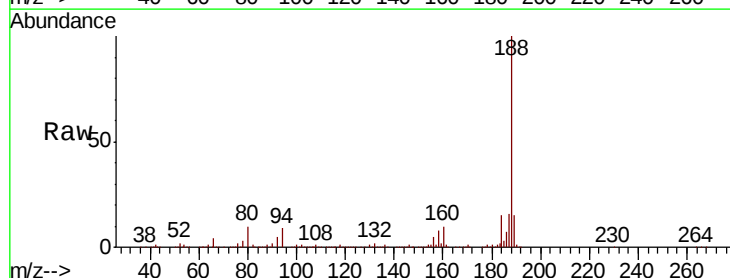
Tgt Ion: 188 Resp: 568468

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

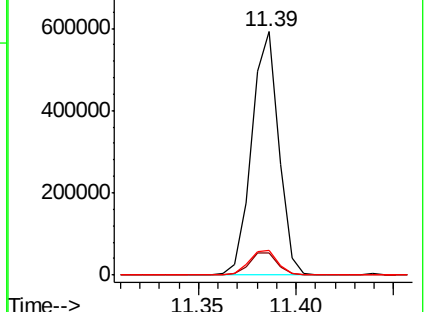
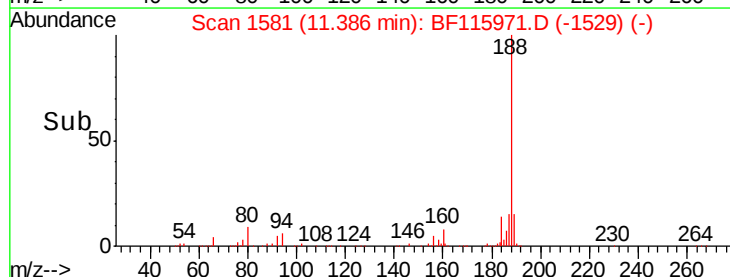
80 9.9 8.6 12.8

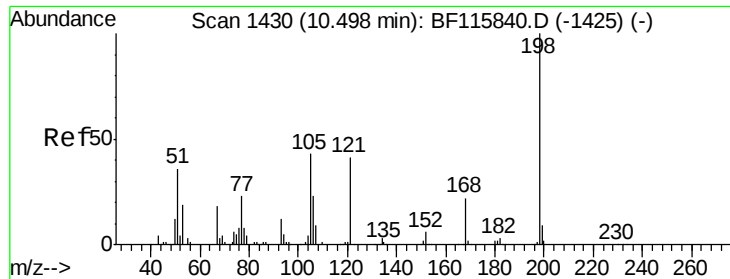


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

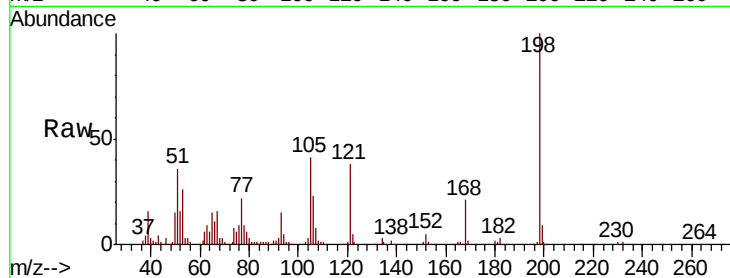




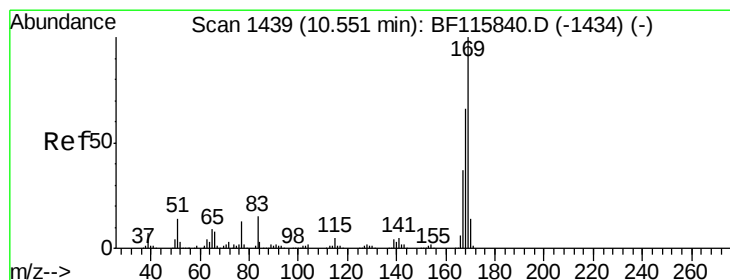
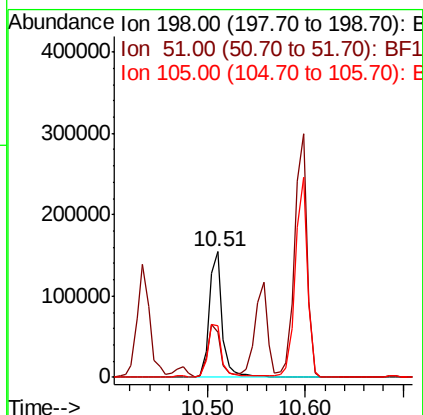
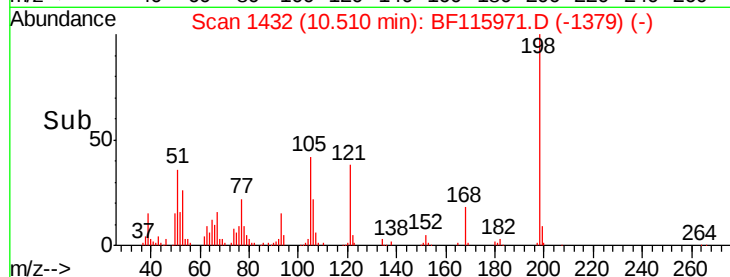
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.223 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tgt Ion:198 Resp: 142258
 Ion Ratio Lower Upper
 198 100
 51 35.5 21.1 61.1
 105 41.1 24.5 64.5

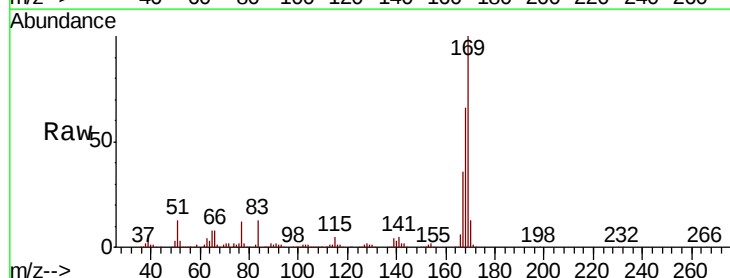


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

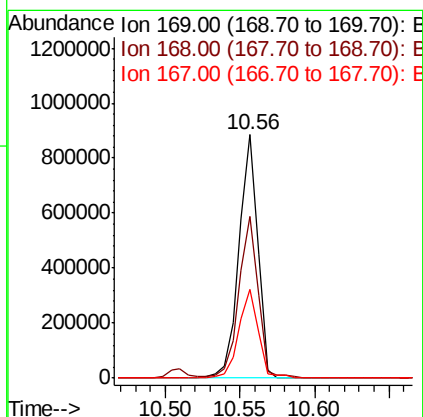
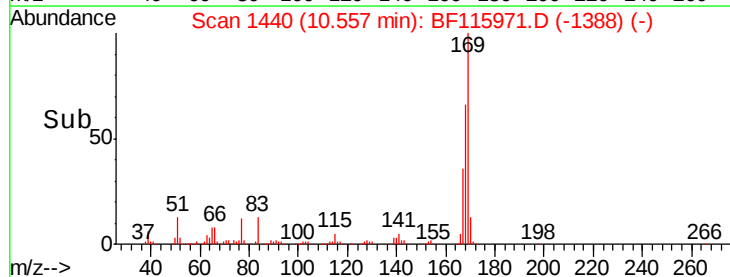


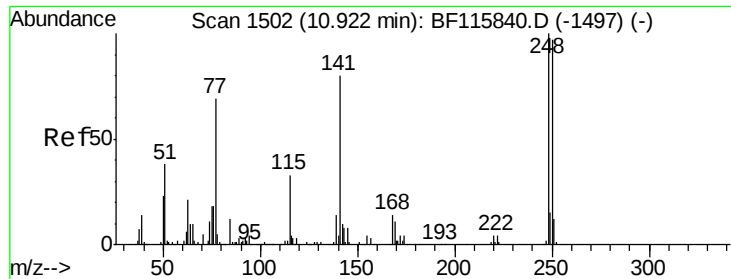
#66
 n-Nitrosodiphenylamine
 Concen: 45.830 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion:169 Resp: 784160
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.0 79.6
 167 36.2 29.9 44.9



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

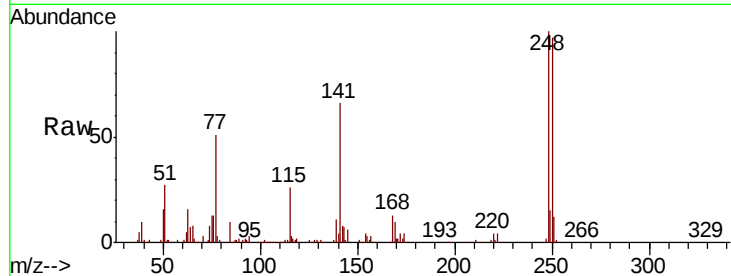




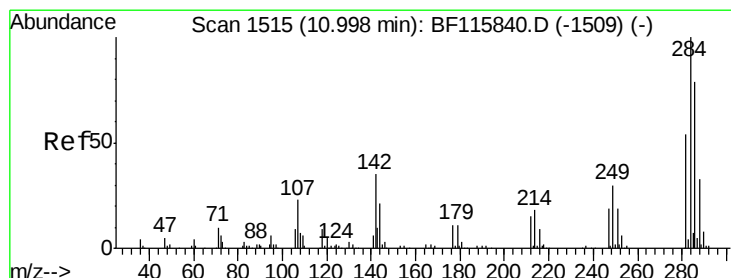
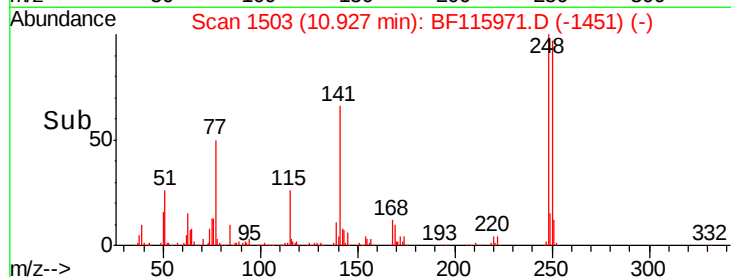
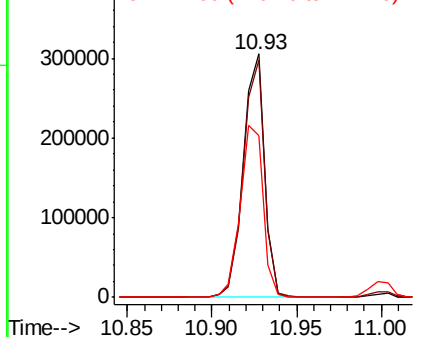
#67
4-Bromophenyl-phenylether
Concen: 44.511 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tgt Ion:248 Resp: 270871
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 66.3 64.3 96.5

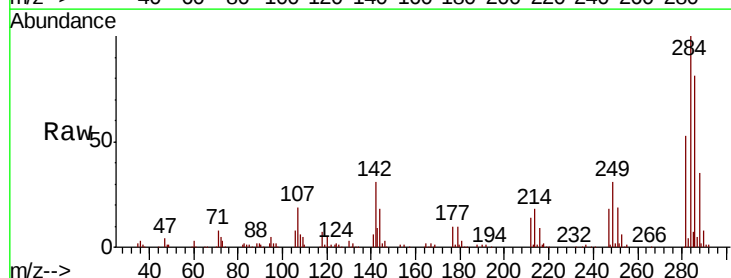


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

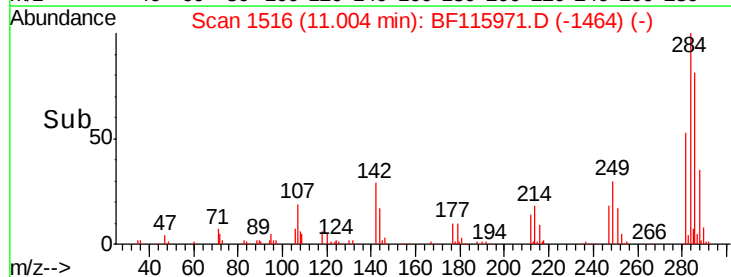
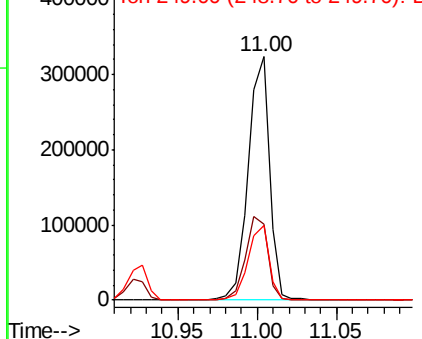


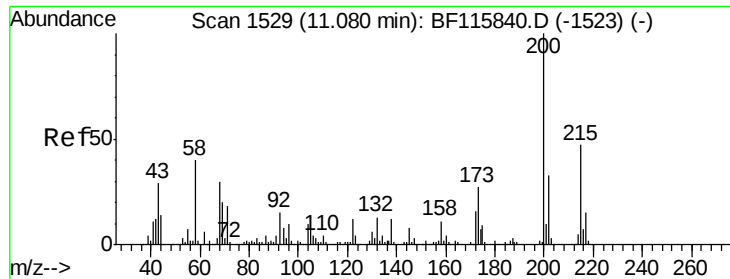
#68
Hexachlorobenzene
Concen: 42.685 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion:284 Resp: 300371
Ion Ratio Lower Upper
284 100
142 31.2 28.2 42.2
249 30.5 24.0 36.0



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: 44.541 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

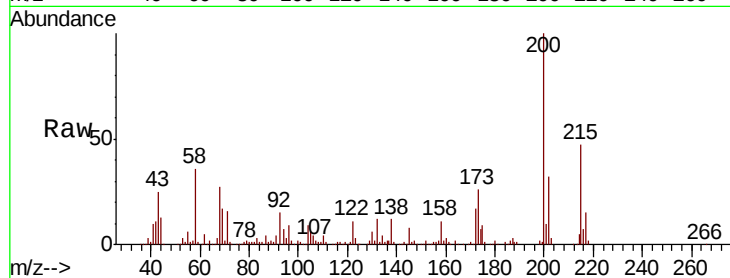
Tgt Ion:200 Resp: 250720

Ion Ratio Lower Upper

200 100

173 26.2 7.3 47.3

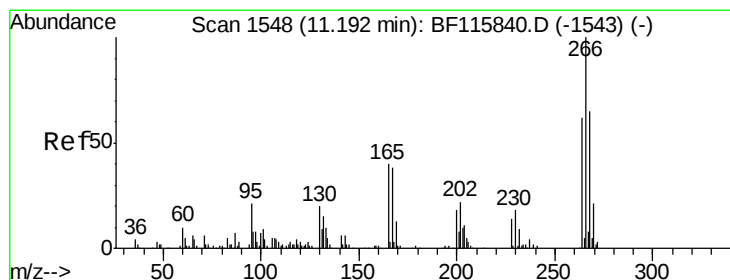
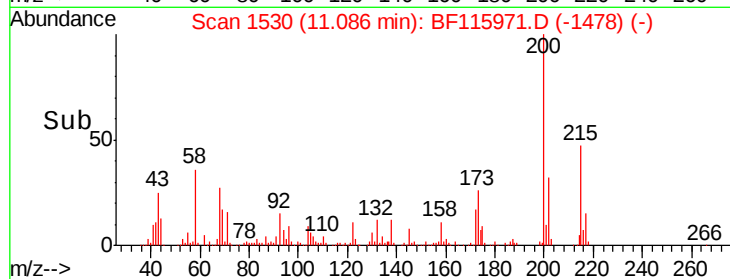
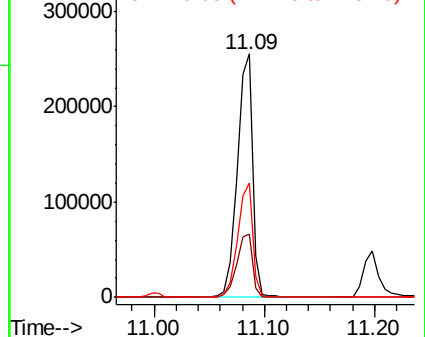
215 47.2 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 86.400 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

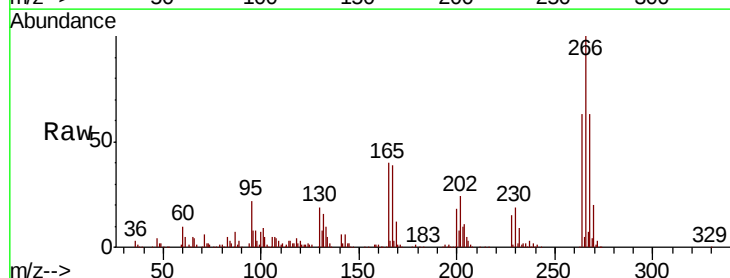
Tgt Ion:266 Resp: 295174

Ion Ratio Lower Upper

266 100

268 62.7 51.6 77.4

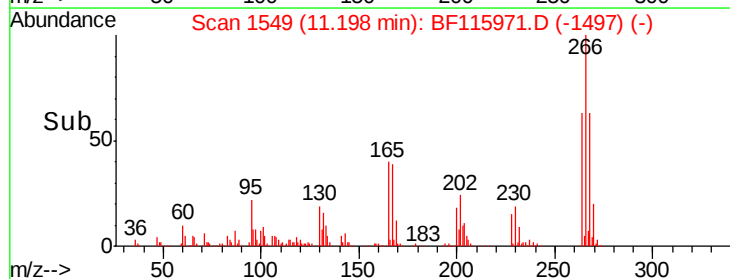
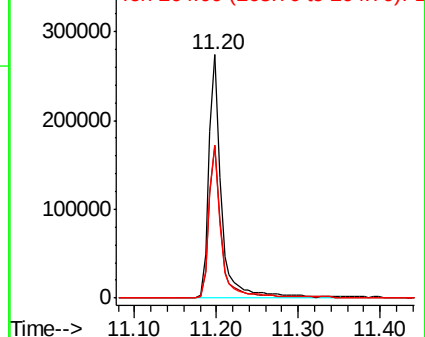
264 62.5 49.4 74.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.078 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

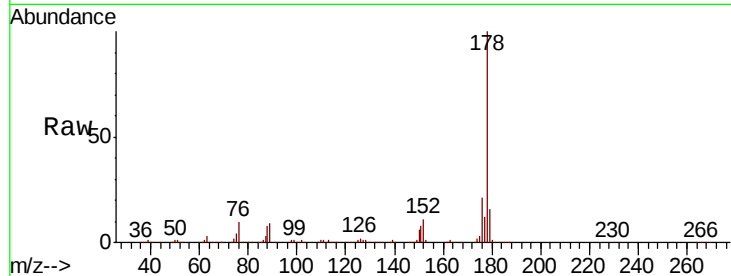
Tgt Ion:178 Resp: 1280978

Ion Ratio Lower Upper

178 100

176 21.0 16.5 24.7

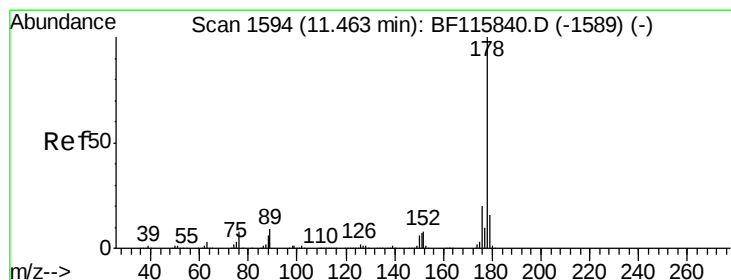
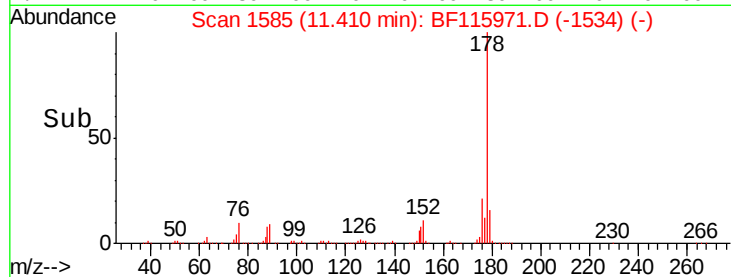
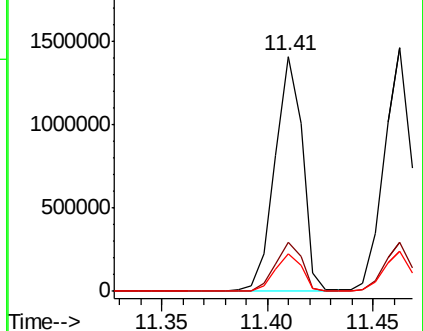
179 16.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.619 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

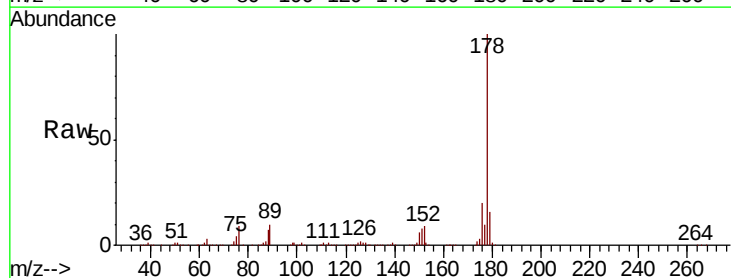
Tgt Ion:178 Resp: 1312306

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

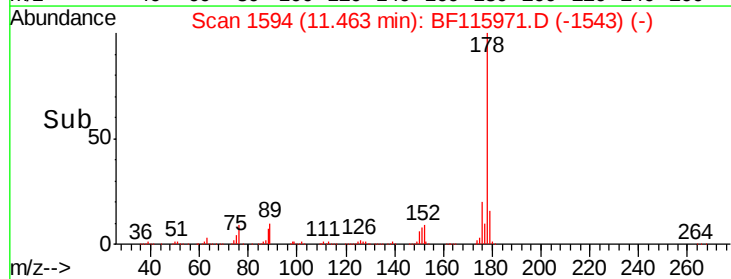
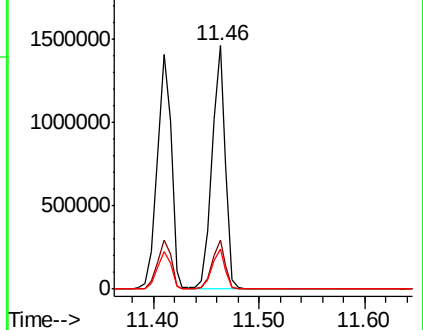
179 16.3 12.4 18.6

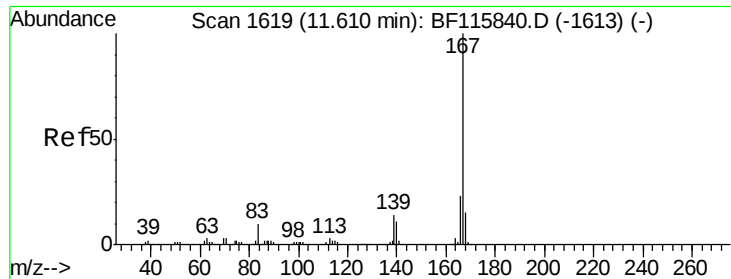


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.535 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

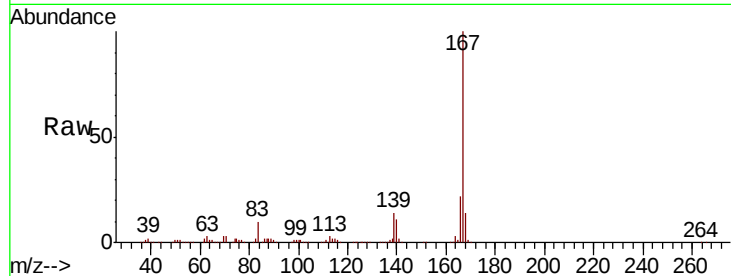
Tgt Ion:167 Resp: 1188343

Ion Ratio Lower Upper

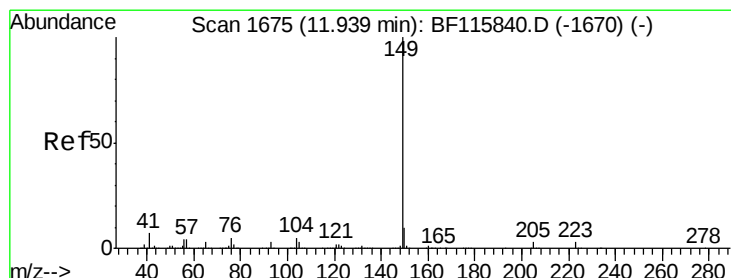
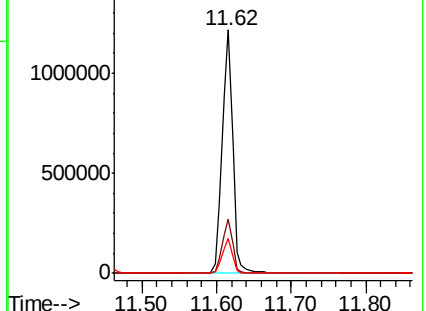
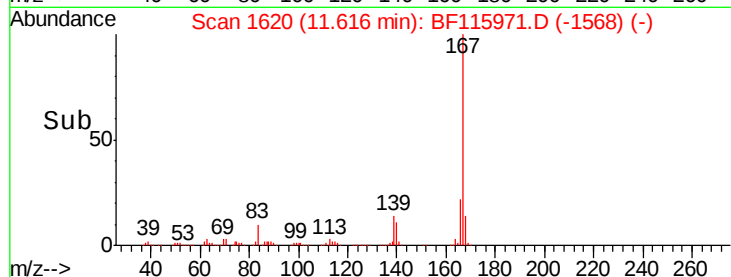
167 100

166 22.2 18.0 27.0

139 14.3 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.587 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

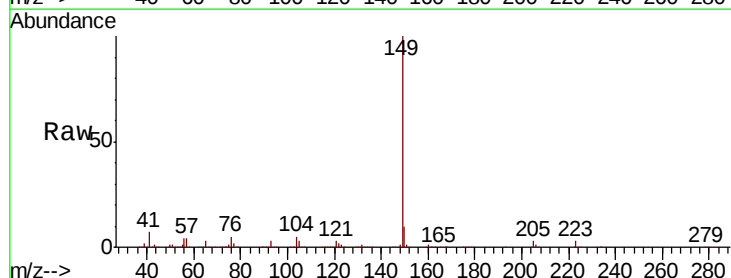
Tgt Ion:149 Resp: 1418994

Ion Ratio Lower Upper

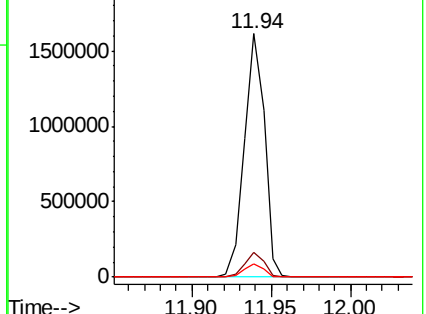
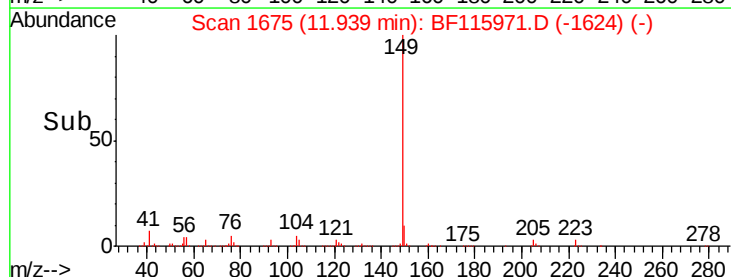
149 100

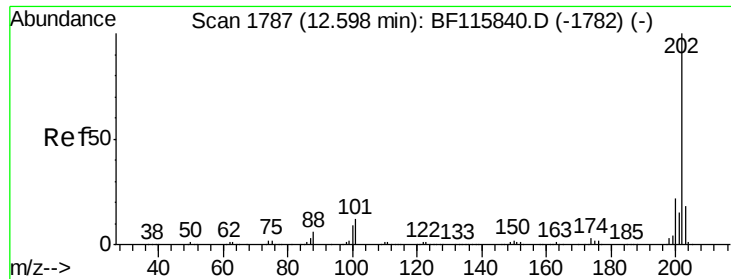
150 10.0 7.7 11.5

104 5.5 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

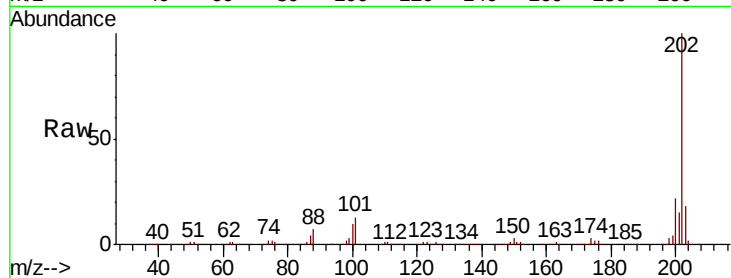




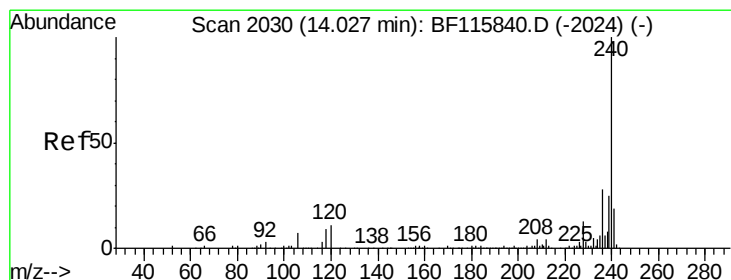
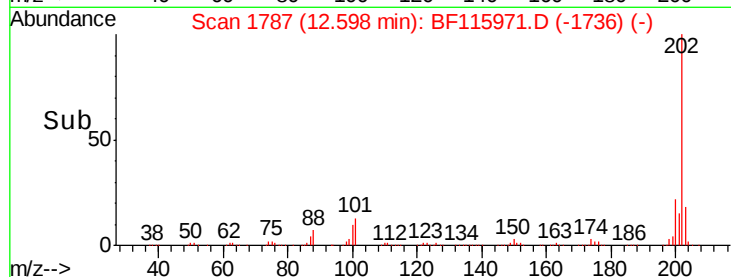
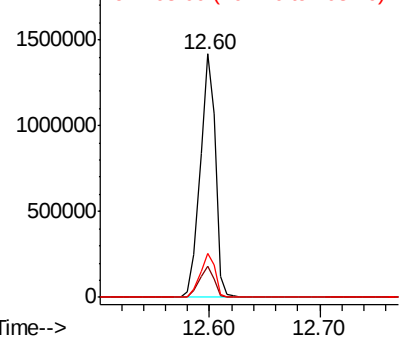
#75
 Fluoranthene
 Concen: 43.709 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB121947BS

Tgt Ion: 202 Resp: 1329807
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 31.5
 203 18.2 0.0 37.9

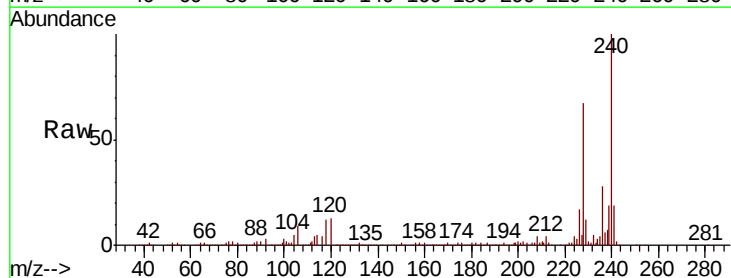


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

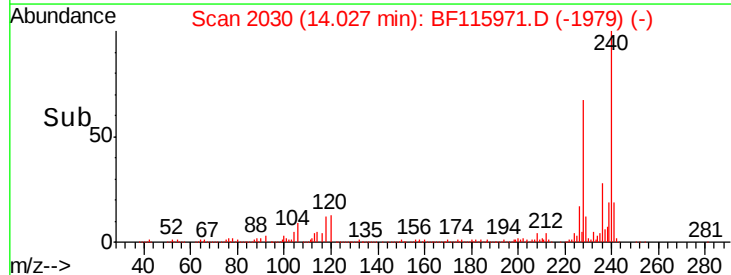
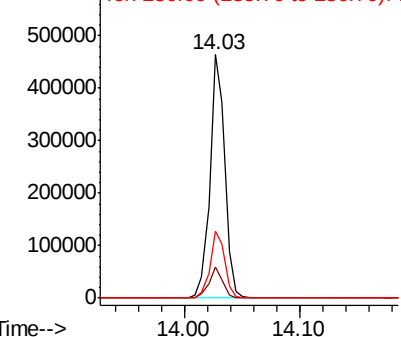


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115971.D
 Acq: 3 Aug 2019 10:34

Tgt Ion: 240 Resp: 412171
 Ion Ratio Lower Upper
 240 100
 120 12.8 8.5 12.7#
 236 27.6 22.2 33.2



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





#77

Benzidine

Concen: 44.850 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

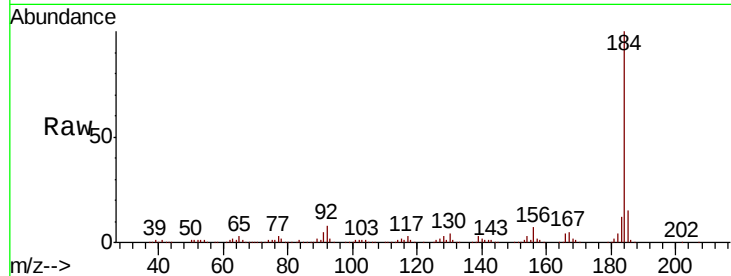
Tgt Ion:184 Resp: 624525

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.2

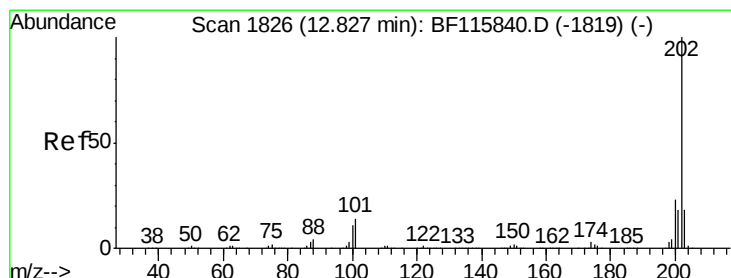
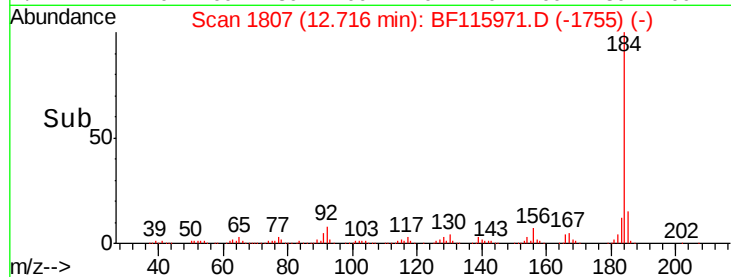
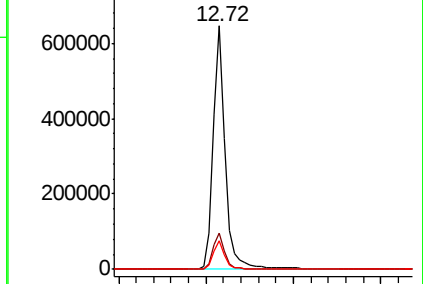
183 11.5 9.1 13.7



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: 44.029 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

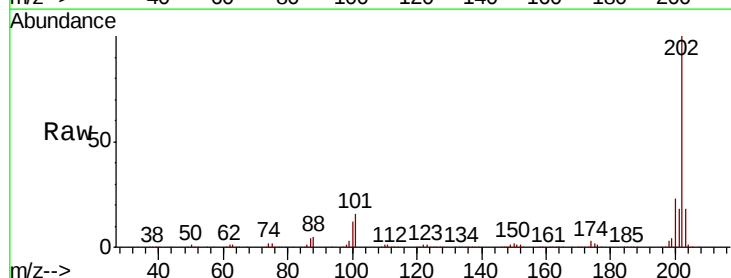
Tgt Ion:202 Resp: 1367969

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

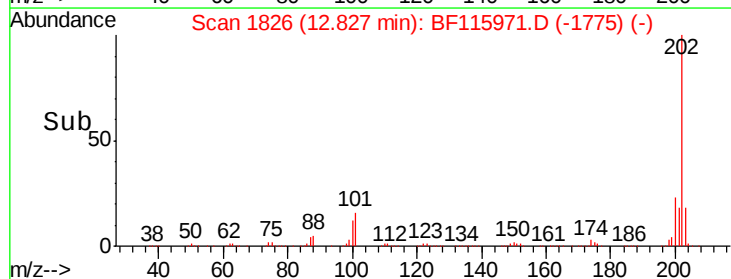
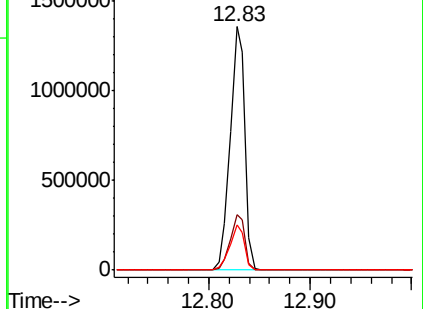
203 18.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.539 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

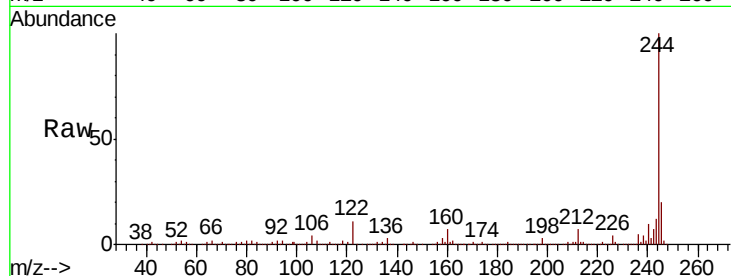
Tgt Ion:244 Resp: 1634056

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

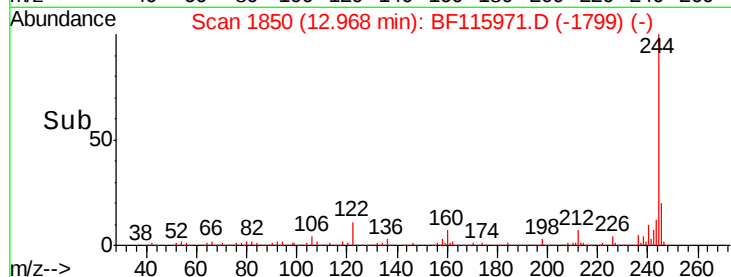
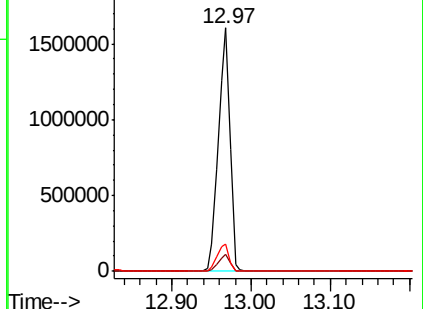
122 11.3 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.588 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

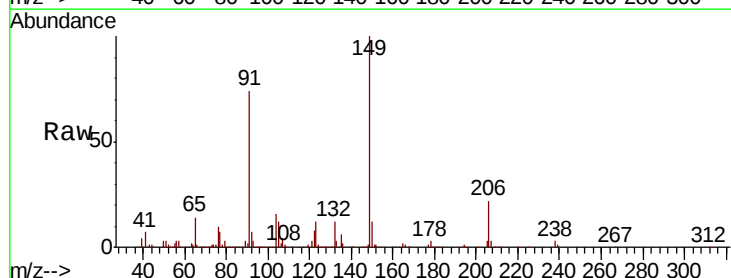
Tgt Ion:149 Resp: 599147

Ion Ratio Lower Upper

149 100

91 74.2 57.0 85.6

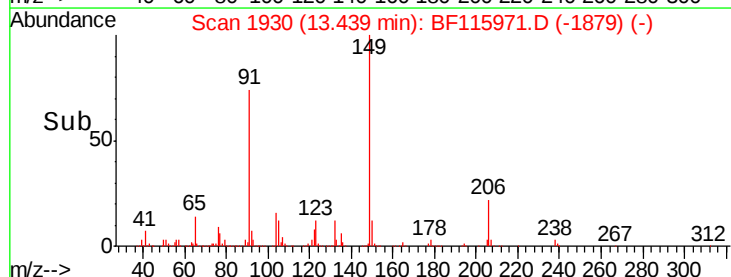
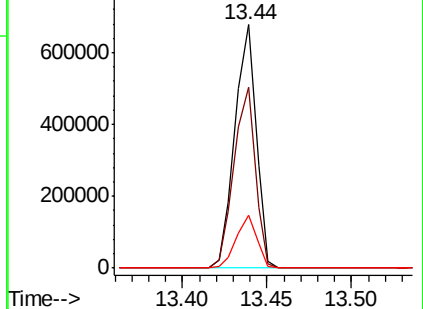
206 21.9 16.9 25.3



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: 44.229 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

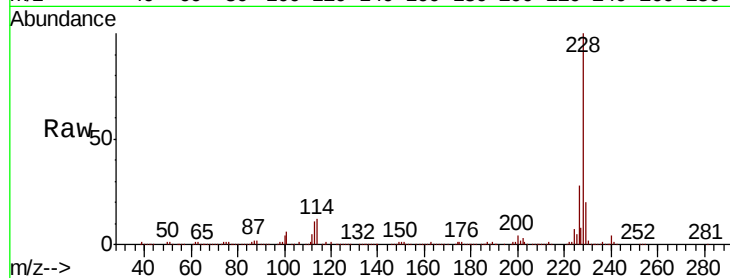
Tgt Ion:228 Resp: 1165199

Ion Ratio Lower Upper

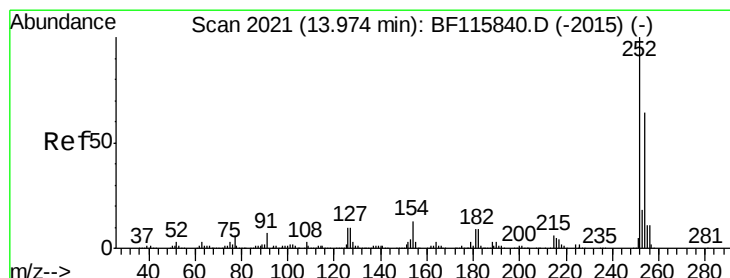
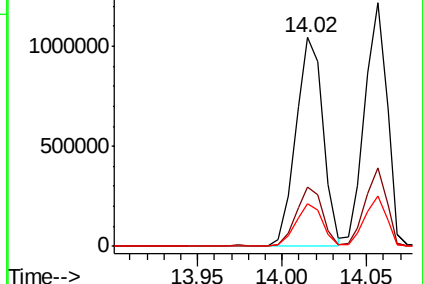
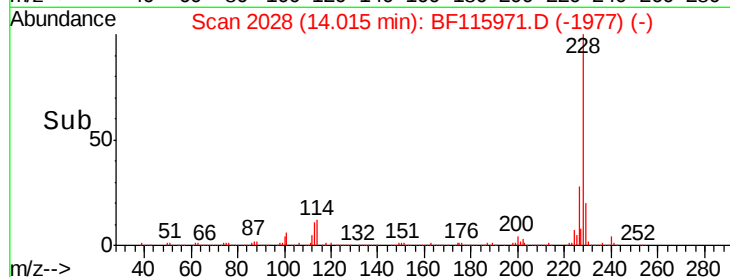
228 100

226 28.2 22.5 33.7

229 20.2 16.1 24.1



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: 37.945 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

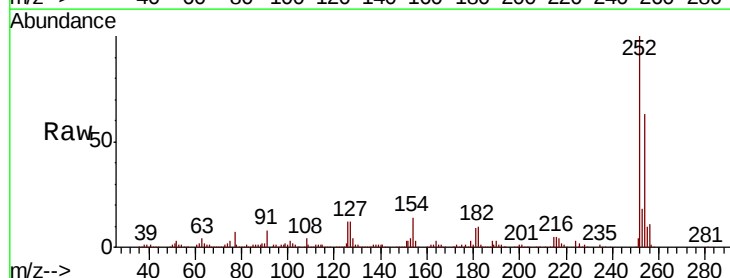
Tgt Ion:252 Resp: 347293

Ion Ratio Lower Upper

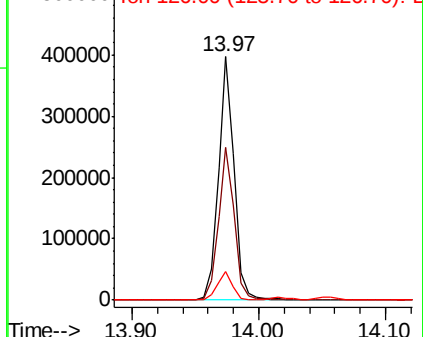
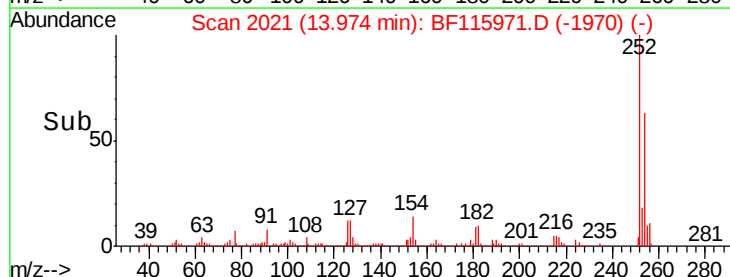
252 100

254 62.8 51.2 76.8

126 11.7 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.315 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

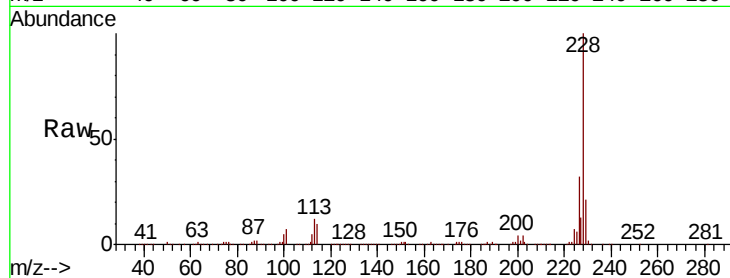
Tgt Ion:228 Resp: 1133408

Ion Ratio Lower Upper

228 100

226 32.2 24.8 37.2

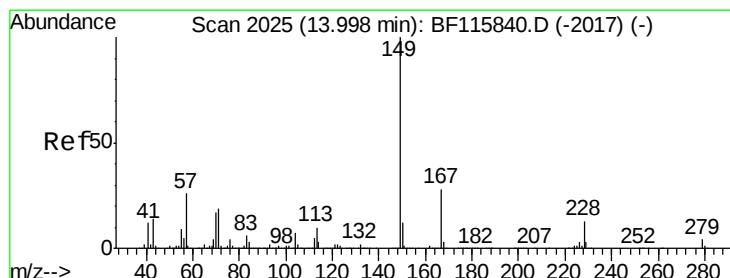
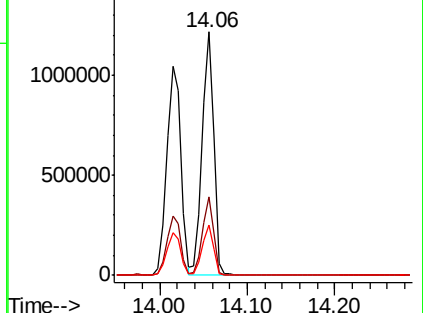
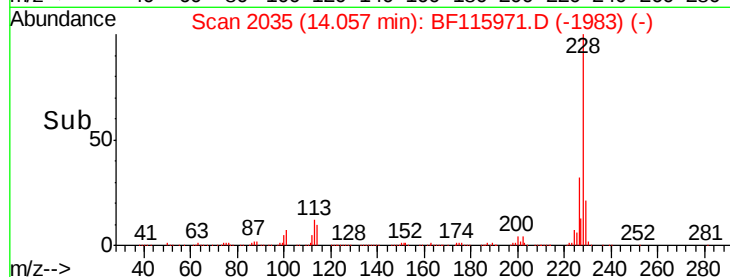
229 20.8 16.4 24.6



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: 48.325 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

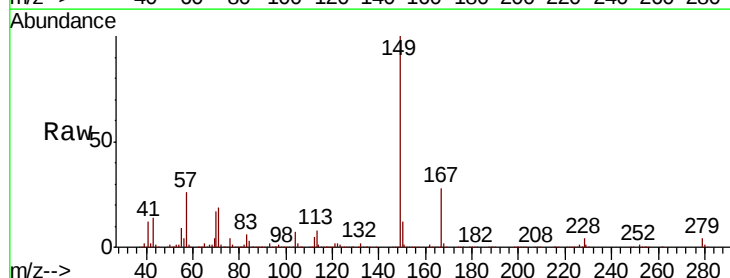
Tgt Ion:149 Resp: 825340

Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

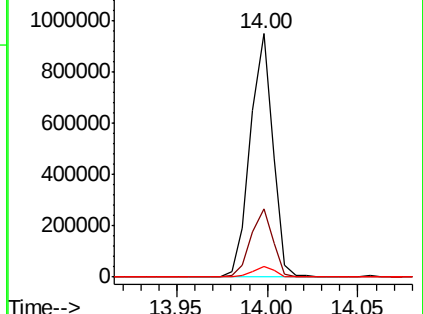
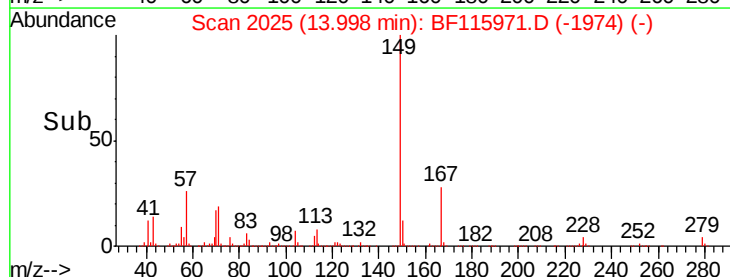
279 4.1 3.3 4.9

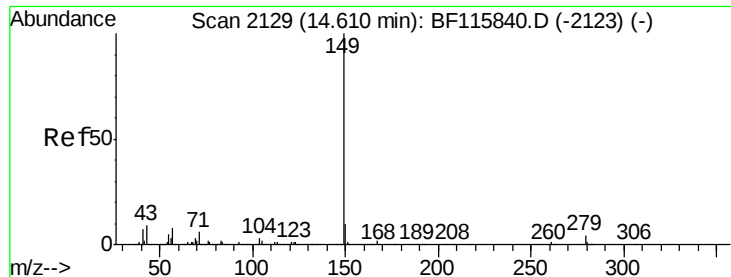


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.903 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

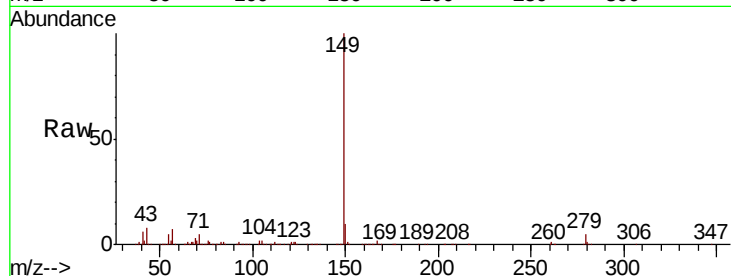
Tgt Ion:149 Resp: 1326615

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

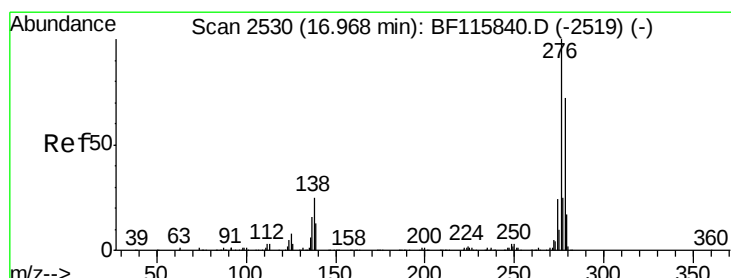
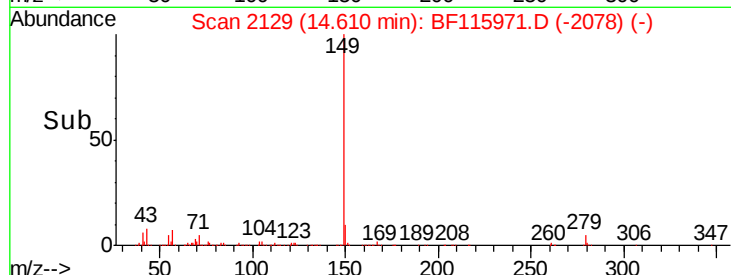
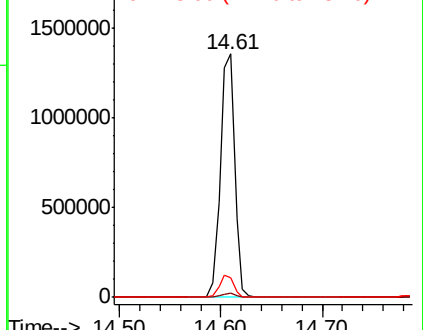
43 9.0 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.596 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

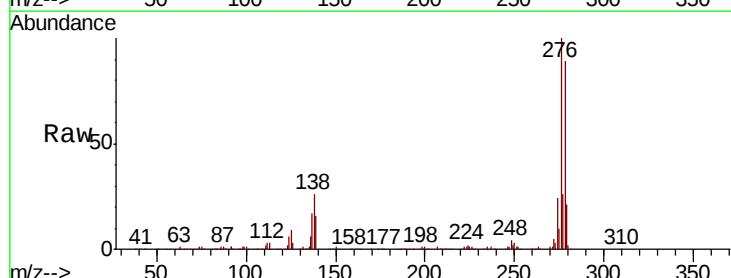
Tgt Ion:276 Resp: 936500

Ion Ratio Lower Upper

276 100

138 25.2 19.6 29.4

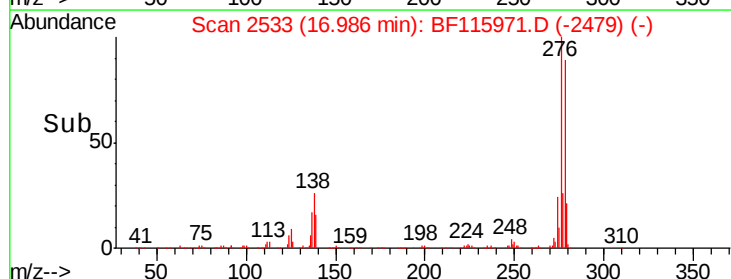
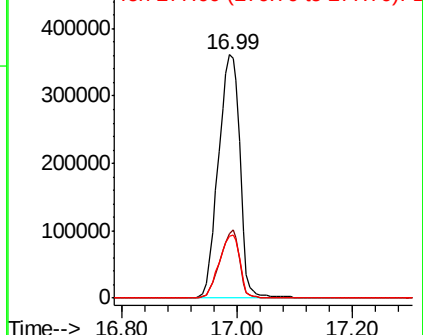
277 25.2 20.1 30.1

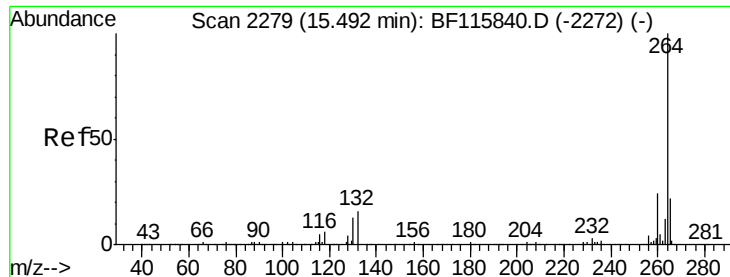


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



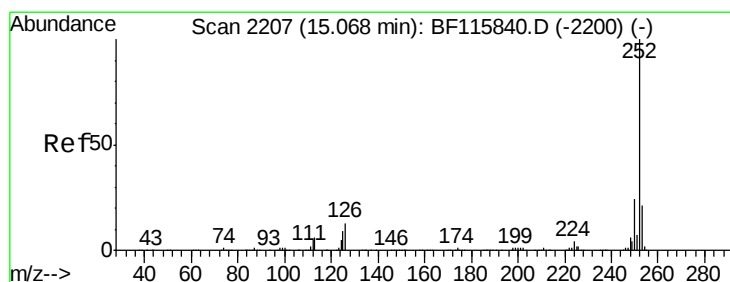
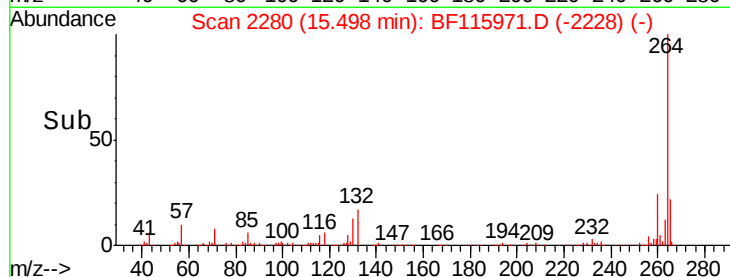
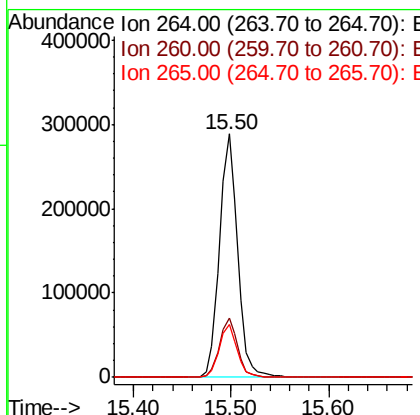
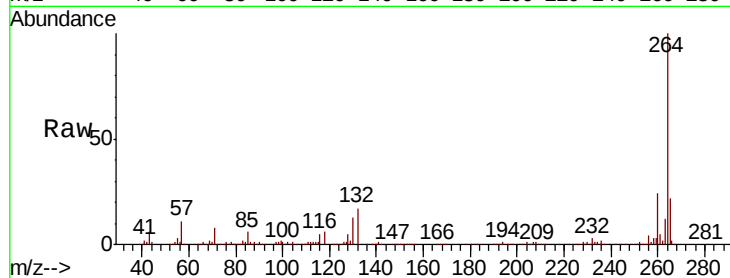


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Instrument :
BNA_F
ClientSampleId :
PB121947BS

Tgt Ion: 264 Resp: 373319

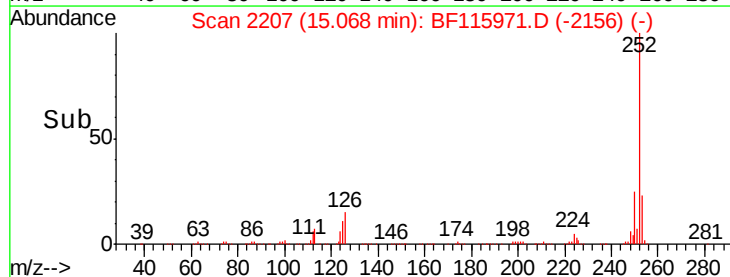
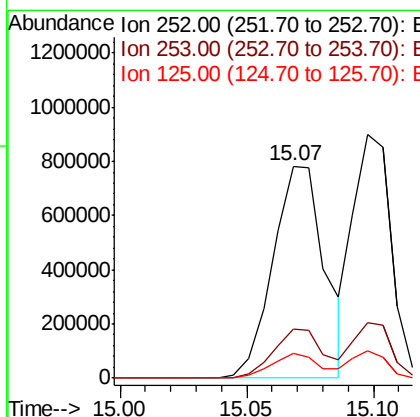
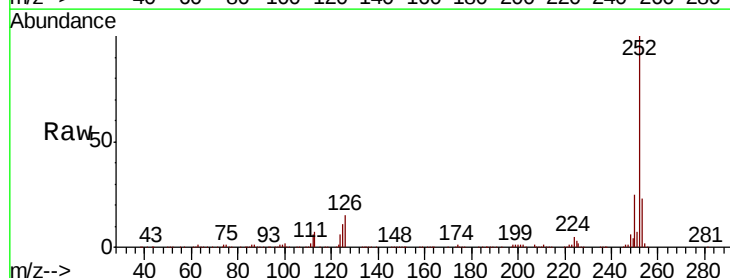
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	17.5	26.3



#88
Benzo(b)fluoranthene
Concen: 51.497 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF115971.D
Acq: 3 Aug 2019 10:34

Tgt Ion: 252 Resp: 1111606

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	11.4	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 45.579 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

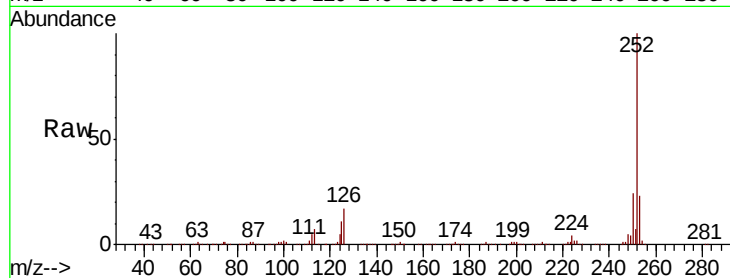
Tgt Ion:252 Resp: 958293

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

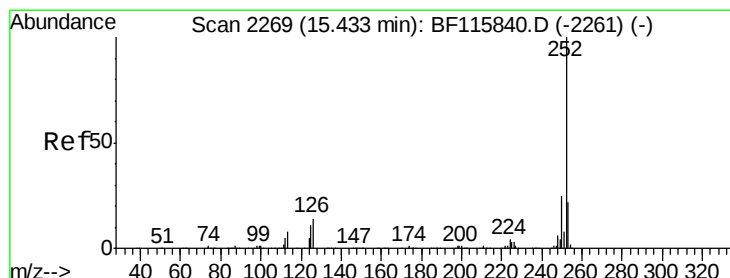
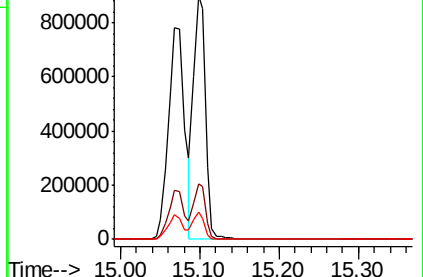
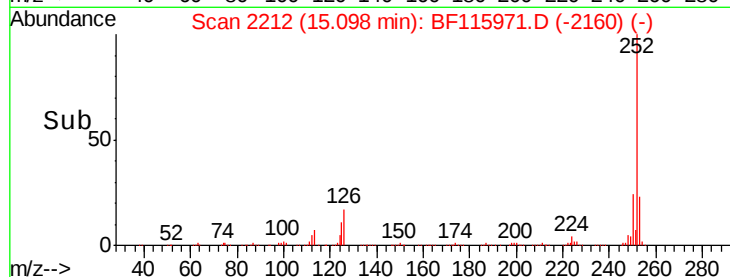
125 11.5 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.401 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

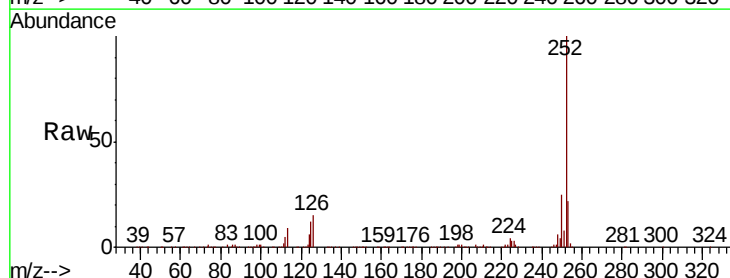
Tgt Ion:252 Resp: 972537

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

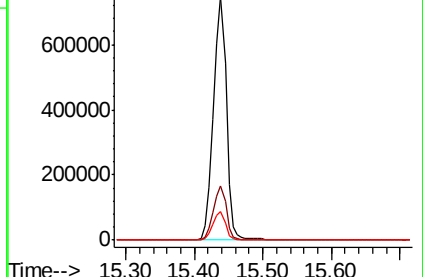
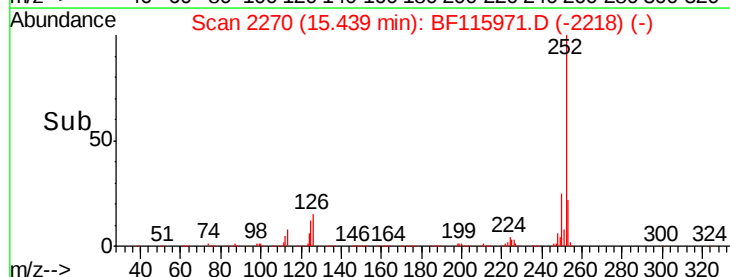
125 11.8 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.022 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

Instrument :

BNA_F

ClientSampleId :

PB121947BS

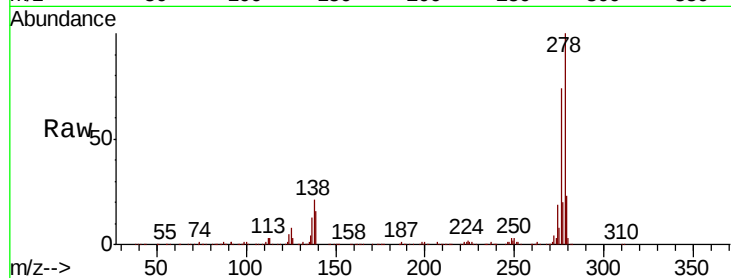
Tgt Ion:278 Resp: 785404

Ion Ratio Lower Upper

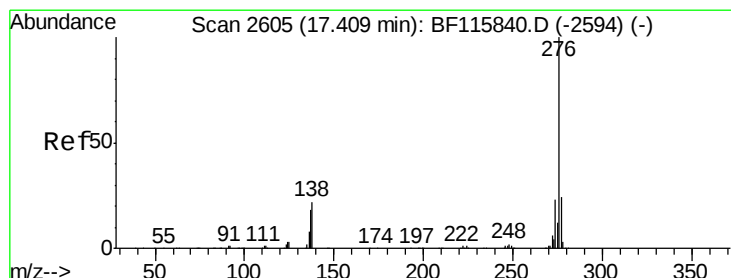
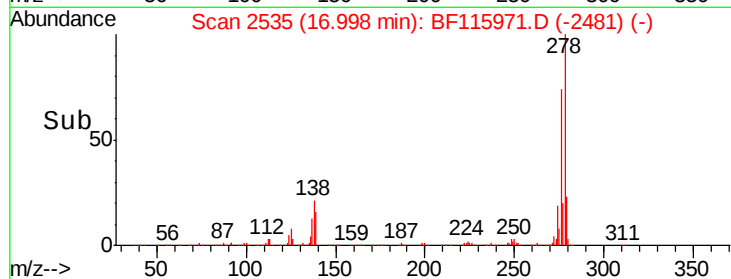
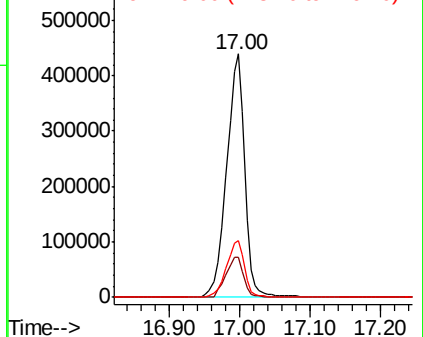
278 100

139 16.3 12.6 19.0

279 23.4 18.8 28.2



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



#92

Benzo(g,h,i)perylene

Concen: 46.560 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.02 min

Lab File: BF115971.D

Acq: 3 Aug 2019 10:34

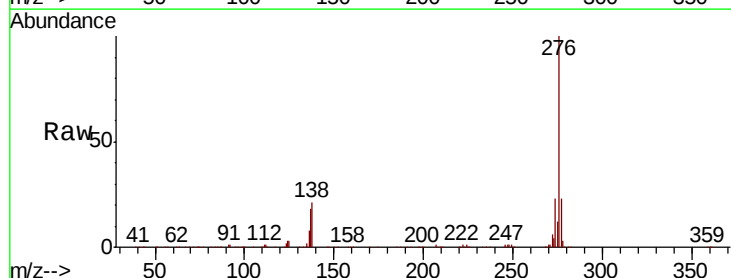
Tgt Ion:276 Resp: 763754

Ion Ratio Lower Upper

276 100

277 23.5 19.5 29.3

138 21.5 17.8 26.8



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

