

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121665.D
 Acq On : 23 Sep 2020 4:06
 Operator : JU/CG
 Sample : L4053-05DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1799-1801DL

Quant Time: Sep 23 07:21:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

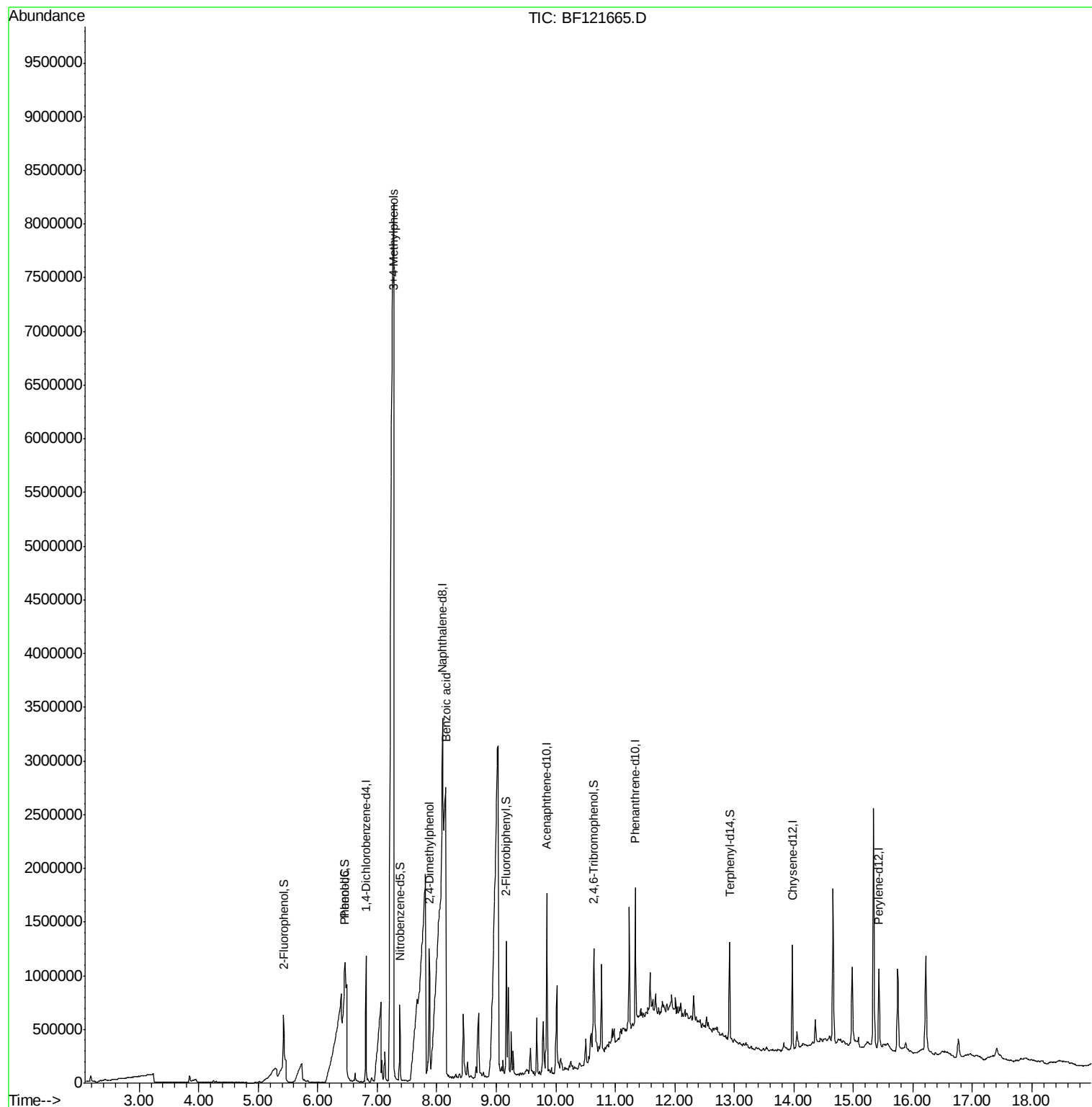
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	157246	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	536747	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	294836	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	447041	20.00	ng	0.00
76) Chrysene-d12	13.97	240	317411	20.00	ng	0.00
86) Perylene-d12	15.43	264	340351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	129122	12.20	ng	0.00
7) Phenol-d6	6.45	99	101574	7.32	ng	0.00
23) Nitrobenzene-d5	7.38	82	222278	22.23	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	83953	22.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	402534	20.68	ng	0.00
79) Terphenyl-d14	12.92	244	281795	17.99	ng	0.00
Target Compounds						
10) Phenol	6.46	94	111945	7.573	ng	# 75
20) 3+4-Methylphenols	7.27	107	6800046	617.450	ng	# 57
27) 2,4-Dimethylphenol	7.87	122	193433	21.534	ng	# 5
32) Benzoic acid	8.16	122	3998327	517.317	ng	98

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

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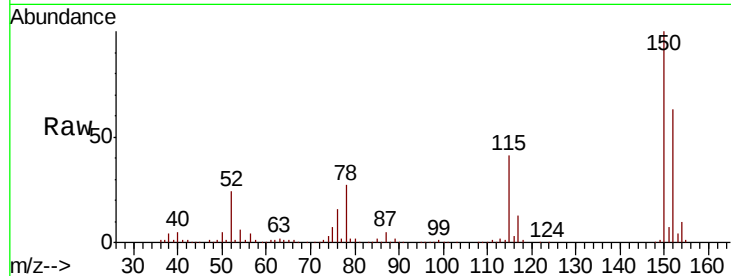


#1

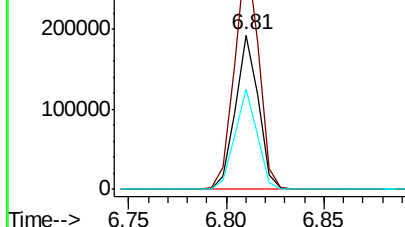
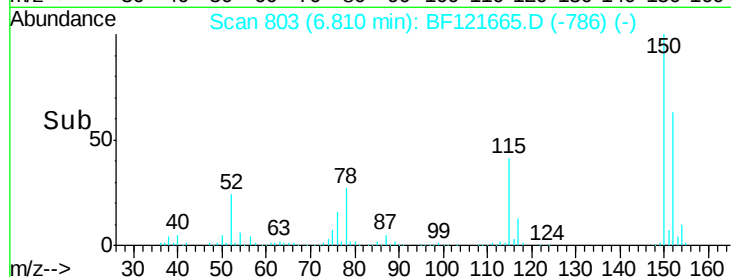
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF121665.D
 Acq: 23 Sep 2020 4:06

Instrument :
 BNA_F
 ClientSampleId :
 1799-1801DL

Tot Ion:152 Resp: 157246
 Ion Ratio Lower Upper
 152 100
 150 157.5 128.1 192.1
 115 64.5 52.6 79.0



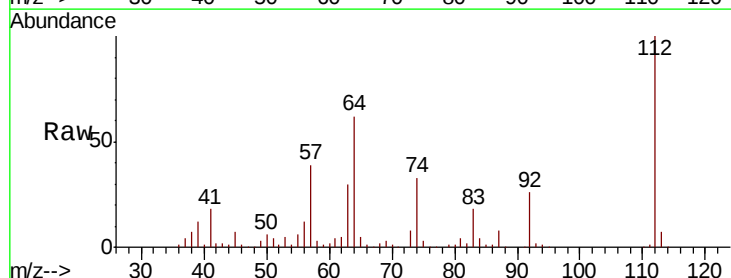
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



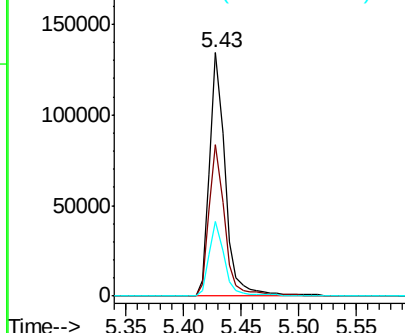
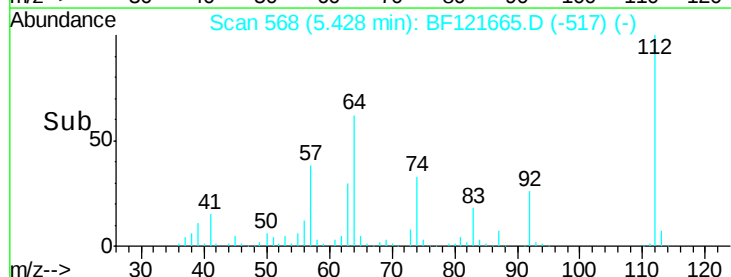
#5

2-Fluorophenol
 Concen: 12.203 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF121665.D
 Acq: 23 Sep 2020 4:06

Tgt Ion:112 Resp: 129122
 Ion Ratio Lower Upper
 112 100
 64 62.4 52.2 78.2
 63 30.4 26.6 39.8



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





#7

Phenol-d6

Concen: 7.317 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121665.D

Acq: 23 Sep 2020 4:06

Instrument :

BNA_F

ClientSampleID :

1799-1801DL

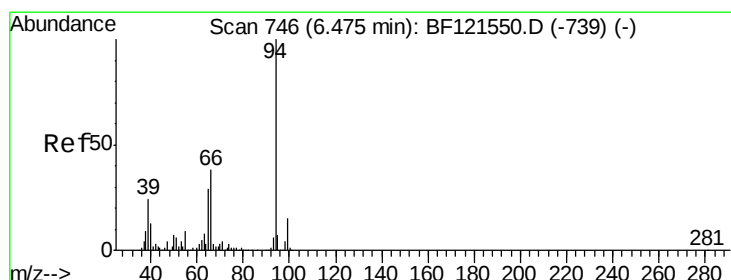
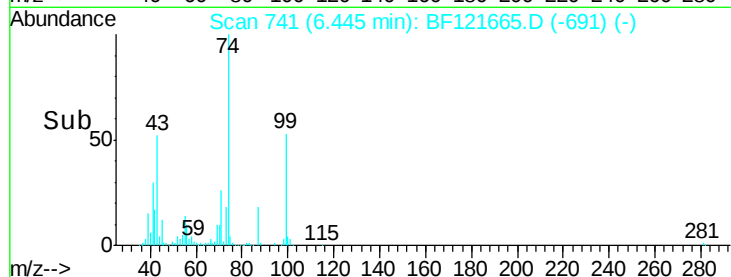
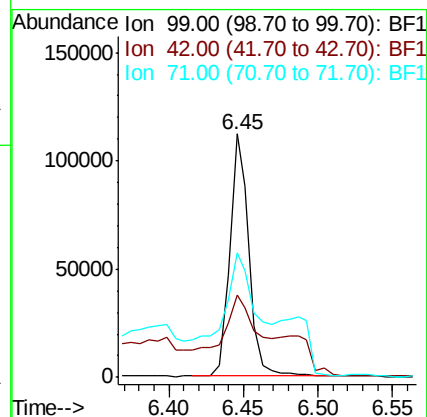
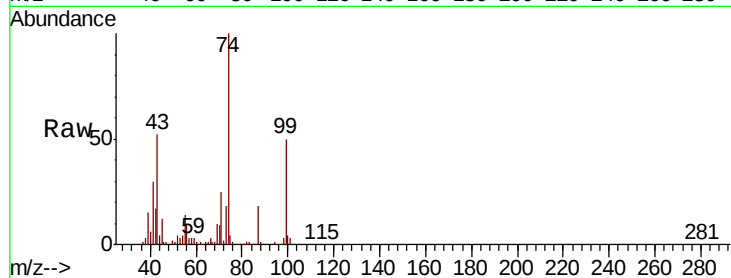
Tot Ion: 99 Resp: 101574

Ion Ratio Lower Upper

99 100

42 33.7 15.5 23.3#

71 50.9 27.4 41.2#



#10

Phenol

Concen: 7.573 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121665.D

Acq: 23 Sep 2020 4:06

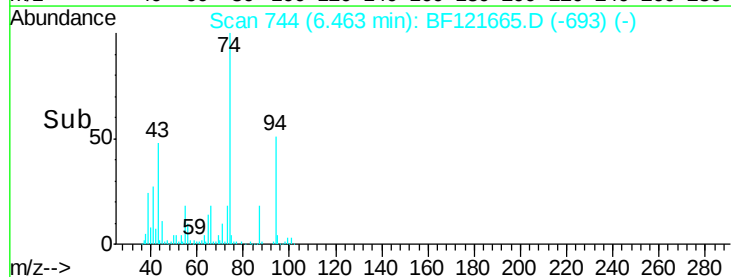
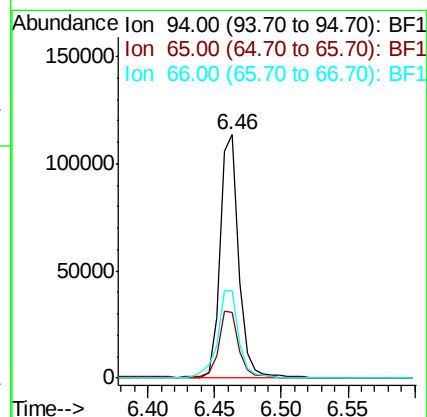
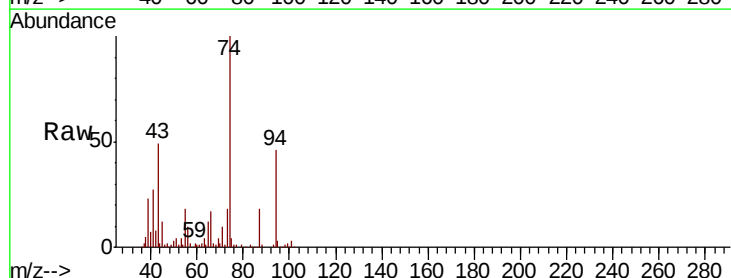
Tgt Ion: 94 Resp: 111945

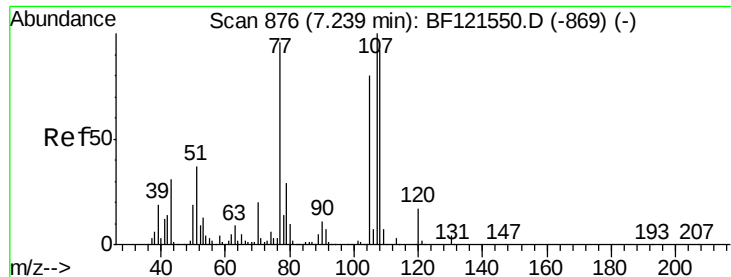
Ion Ratio Lower Upper

94 100

65 27.1 17.8 57.8

66 36.0 37.8 77.8#





#20

3+4-Methylphenols

Concen: 617.450 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.05 min

Lab File: BF121665.D

Acq: 23 Sep 2020 4:06

Instrument :

BNA_F

ClientSampleID :

1799-1801DL

Tot Ion:107 Resp: 6800046

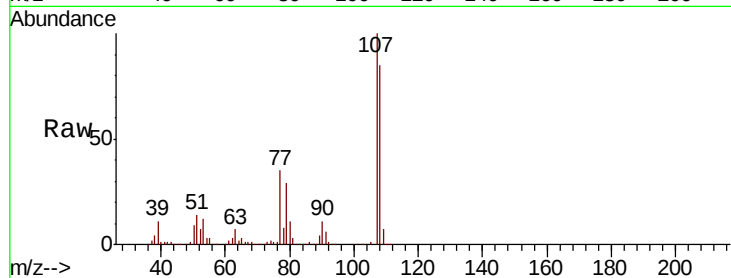
Ion Ratio Lower Upper

107 100

108 85.2 67.0 107.0

77 34.8 107.7 147.7#

79 28.7 10.3 50.3

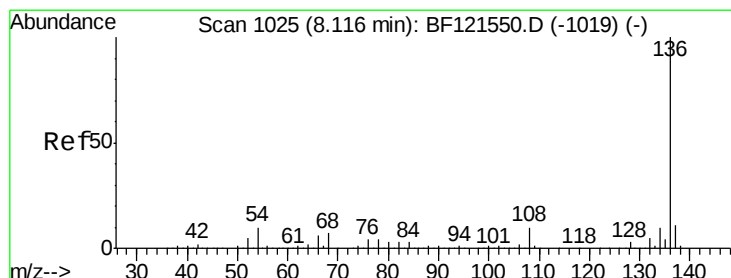
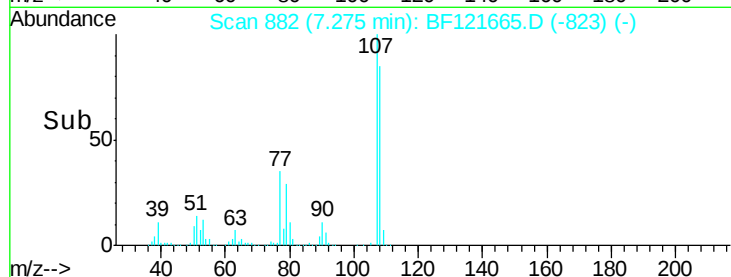
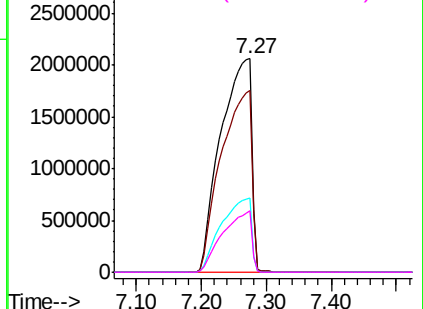


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF121665.D

Acq: 23 Sep 2020 4:06

Tgt Ion:136 Resp: 536747

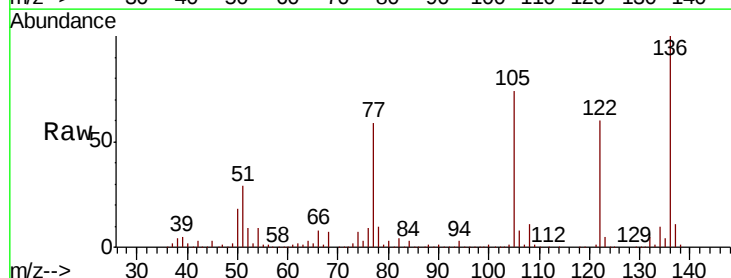
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.2 7.4 11.0

68 6.5 5.3 7.9

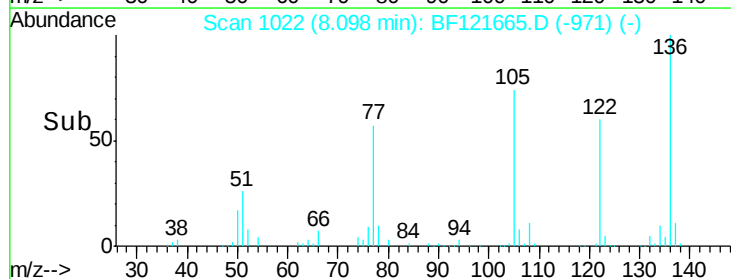
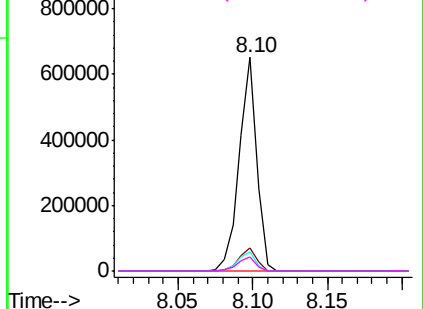


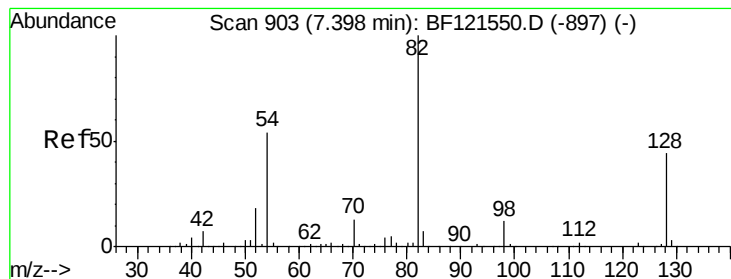
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 22.235 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF121665.D

Acq: 23 Sep 2020 4:06

Instrument :

BNA_F

ClientSampleId :

1799-1801DL

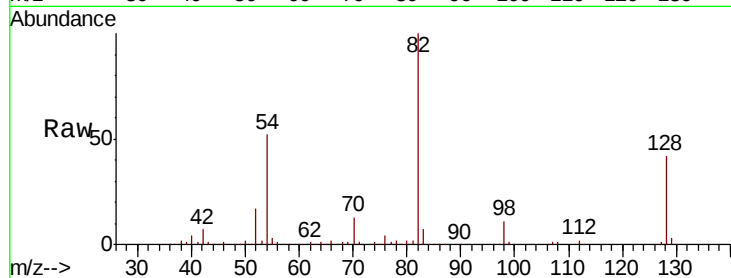
Tot Ion: 82 Resp: 222278

Ion Ratio Lower Upper

82 100

128 42.0 33.9 50.9

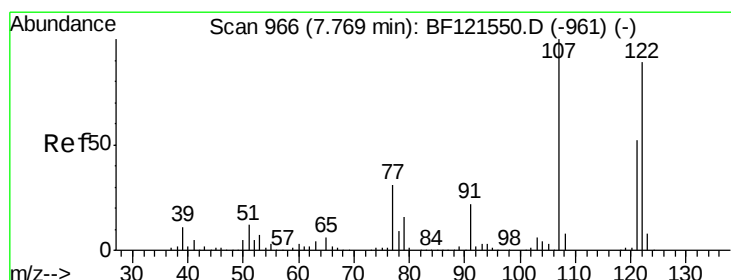
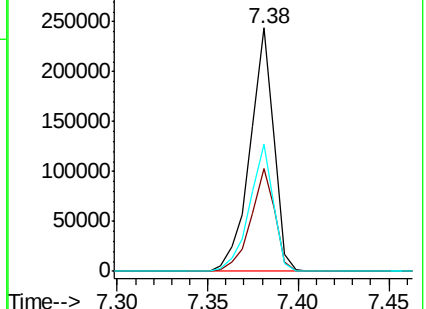
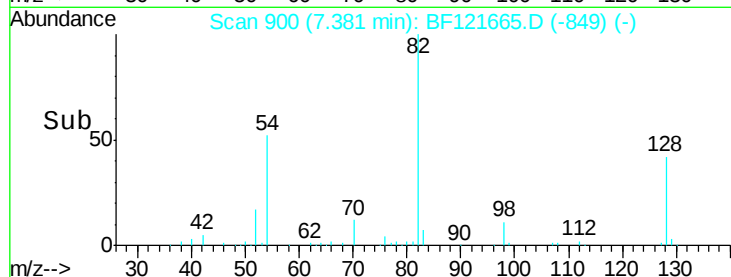
54 52.4 42.9 64.3



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



#27

2,4-Dimethylphenol

Concen: 21.534 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.12 min

Lab File: BF121665.D

Acq: 23 Sep 2020 4:06

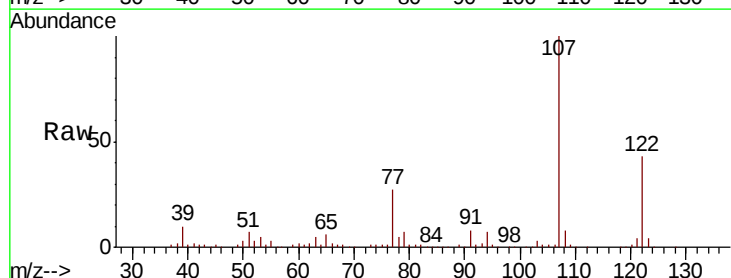
Tgt Ion:122 Resp: 193433

Ion Ratio Lower Upper

122 100

107 233.8 91.4 137.0#

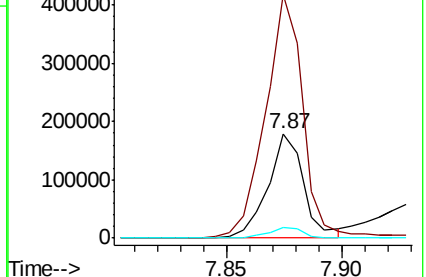
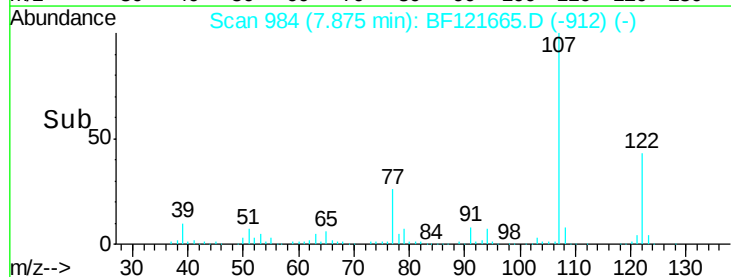
121 10.4 46.2 69.2#

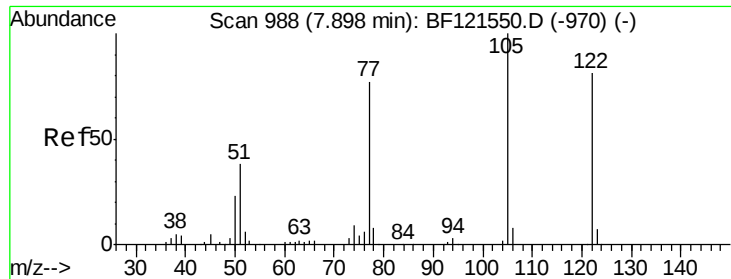


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

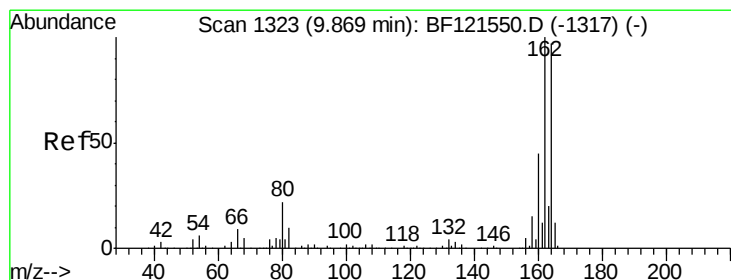
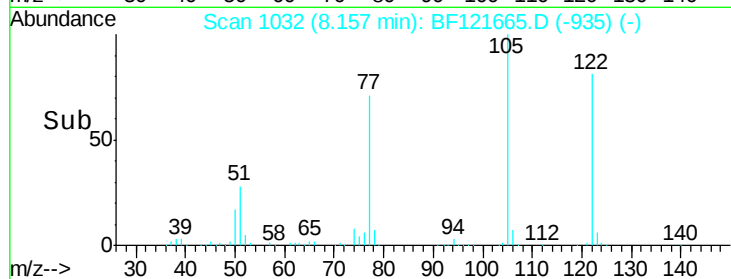
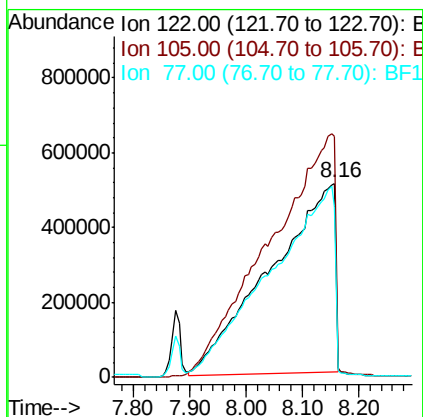
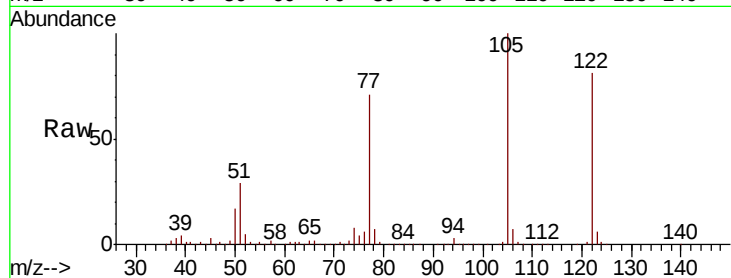




#32
Benzoic acid
Concen: 517.317 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.27 min
Lab File: BF121665.D
Acq: 23 Sep 2020 4:06

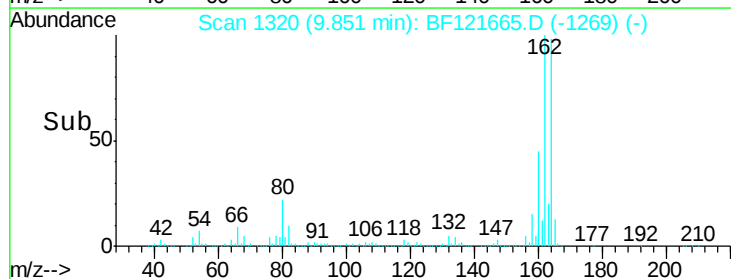
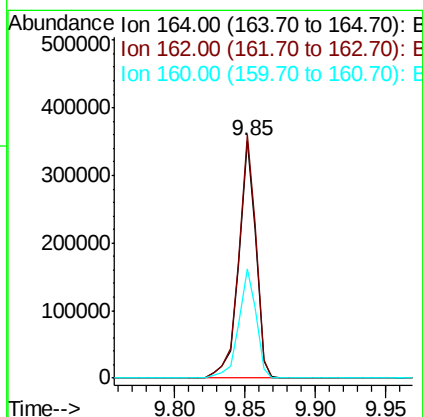
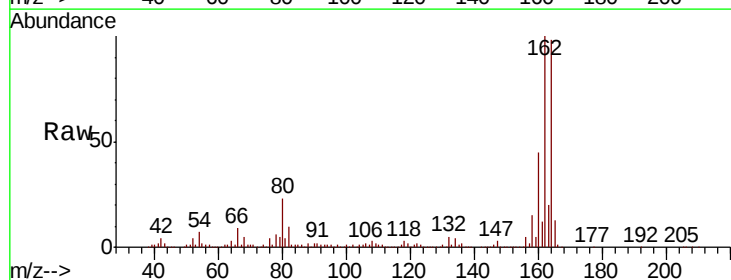
Instrument :
BNA_F
ClientSampleId :
1799-1801DL

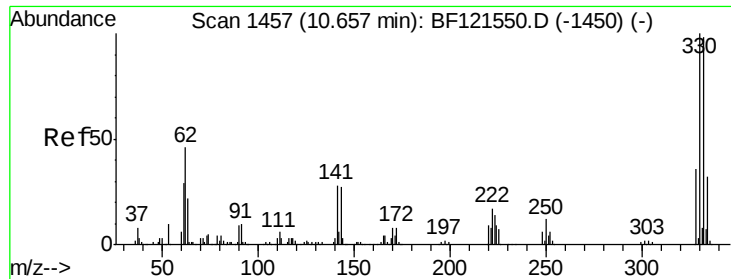
Tot Ion:122 Resp: 3998327
Ion Ratio Lower Upper
122 100
105 124.2 101.9 141.9
77 87.9 69.0 109.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121665.D
Acq: 23 Sep 2020 4:06

Tgt Ion:164 Resp: 294836
Ion Ratio Lower Upper
164 100
162 102.4 81.2 121.8
160 46.0 36.2 54.4

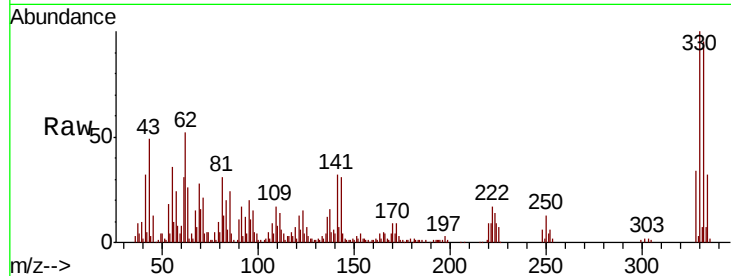




#42
 2,4,6-Tribromophenol
 Concen: 22.910 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121665.D
 Acq: 23 Sep 2020 4:06

Instrument :
 BNA_F
 ClientSampleId :
 1799-1801DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	35.8	22.4	33.6

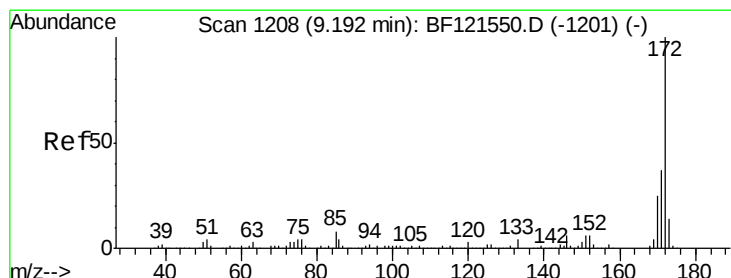
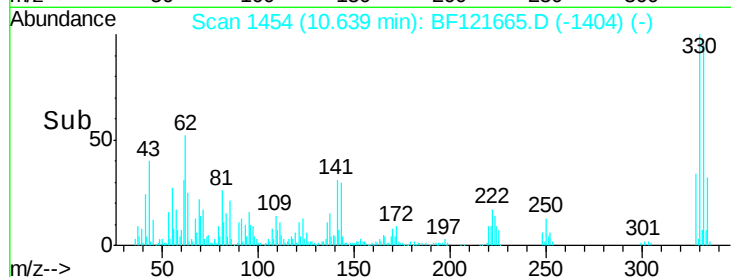
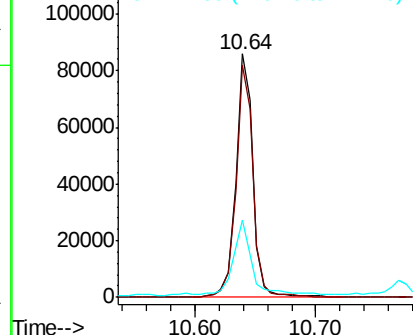


Abundance

Ion 329.80 (329.50 to 330.50): E

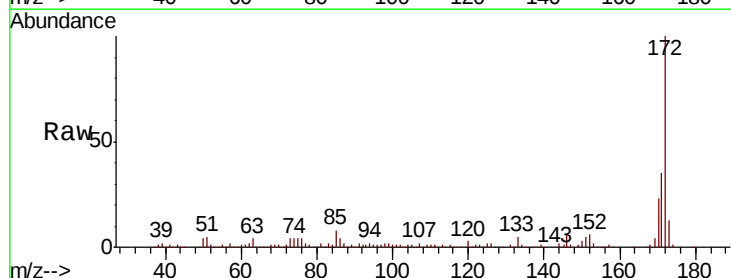
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 20.678 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121665.D
 Acq: 23 Sep 2020 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.3	43.9
170	23.4	19.5	29.3

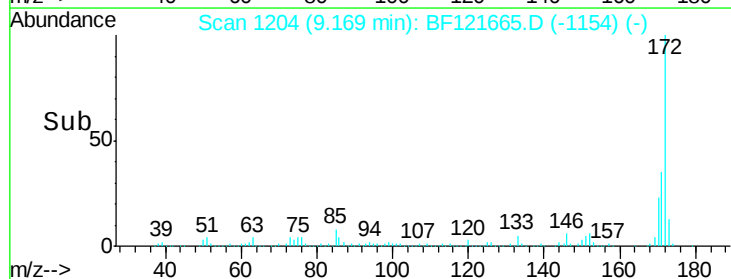
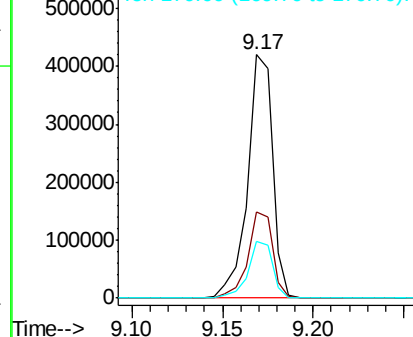


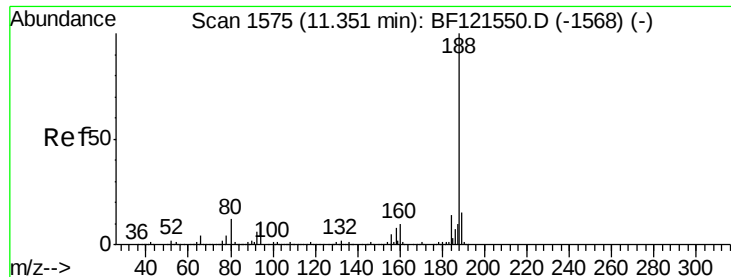
Abundance

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

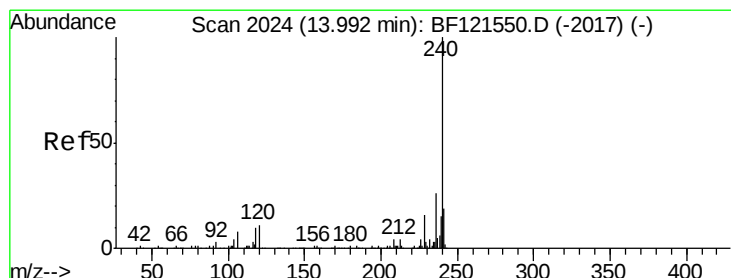
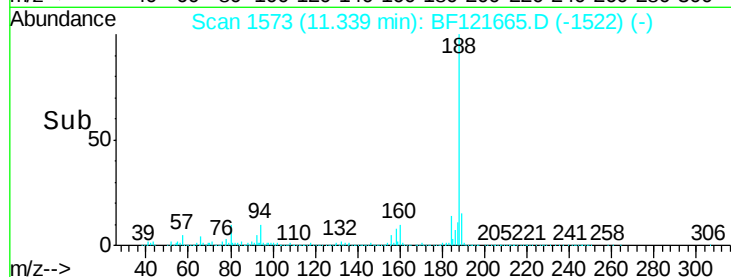
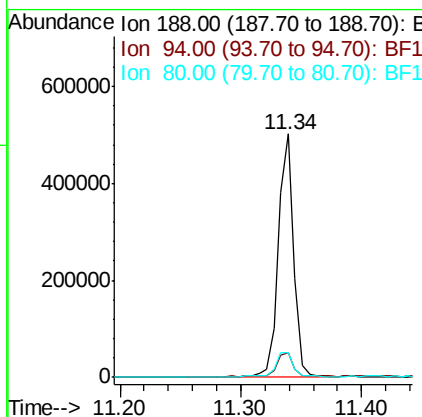
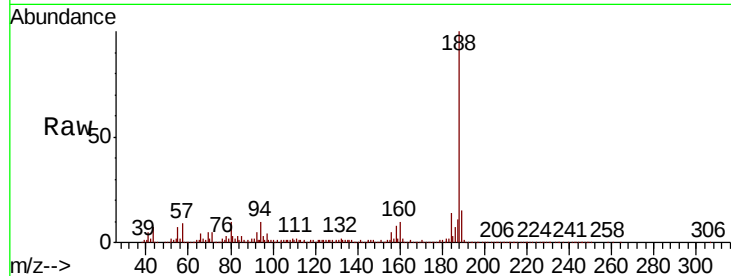




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF121665.D
Acq: 23 Sep 2020 4:06

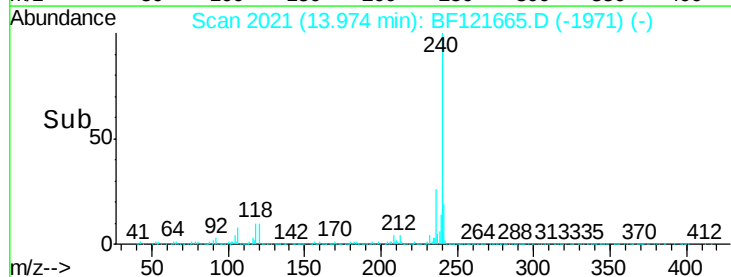
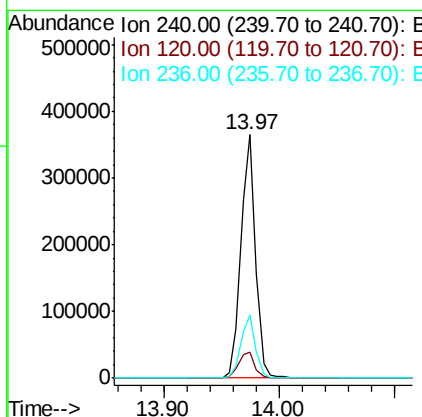
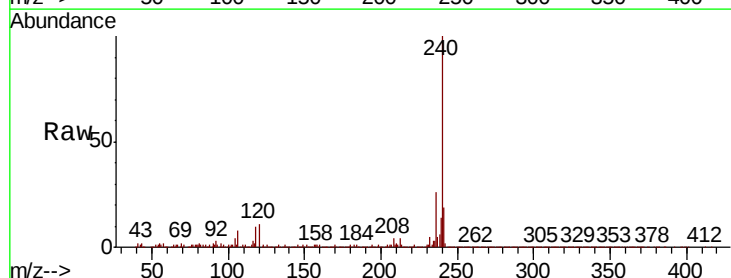
Instrument :
BNA_F
ClientSampleId :
1799-1801DL

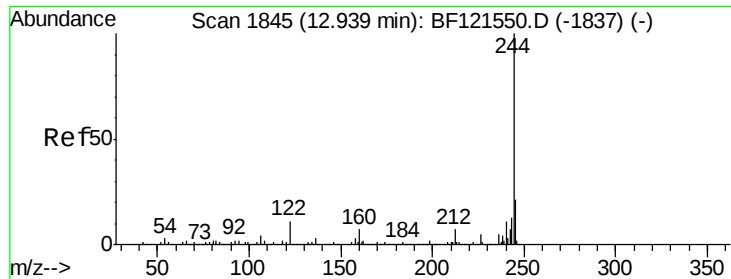
Tot Ion:188 Resp: 447041
Ion Ratio Lower Upper
188 100
94 10.0 8.4 12.6
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF121665.D
Acq: 23 Sep 2020 4:06

Tgt Ion:240 Resp: 317411
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.9 20.4 30.6

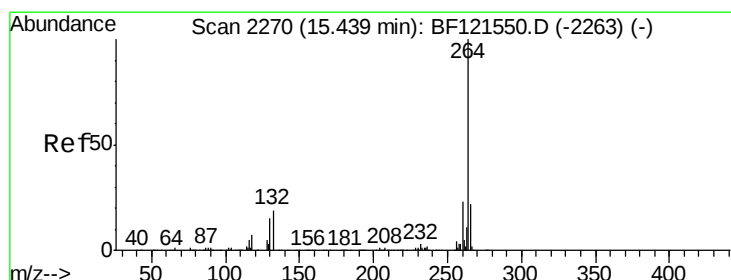
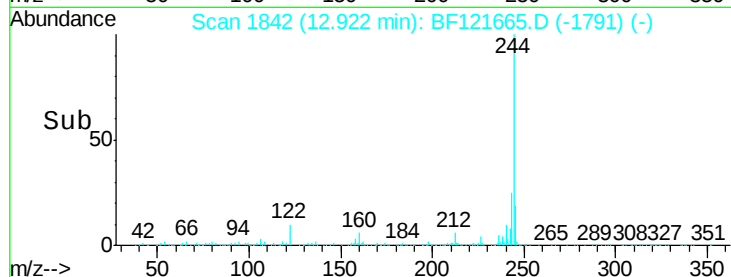
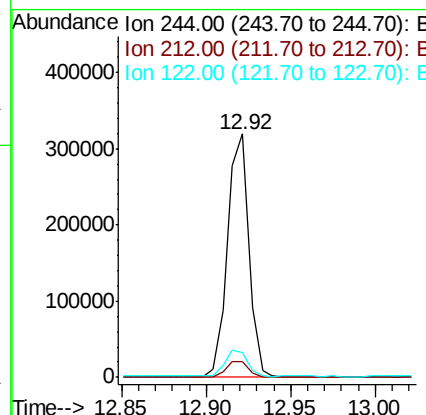
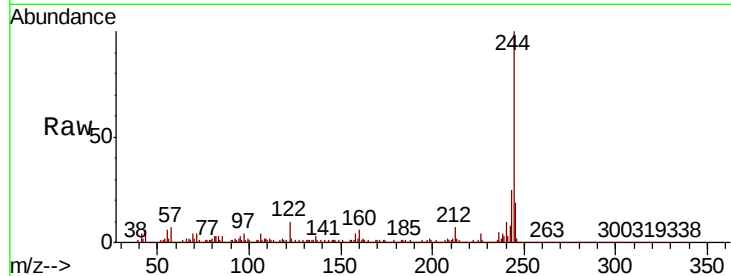




#79
 Terphenyl-d14
 Concen: 17.986 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121665.D
 Acq: 23 Sep 2020 4:06

Instrument :
 BNA_F
 ClientSampleID :
 1799-1801DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	10.0	7.4	11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF121665.D
 Acq: 23 Sep 2020 4:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.7	17.3	25.9

