

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119462.D
 Acq On : 20 Mar 2020 2:44
 Operator : CG/JU
 Sample : L1965-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 80564952

Quant Time: Mar 20 06:41:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

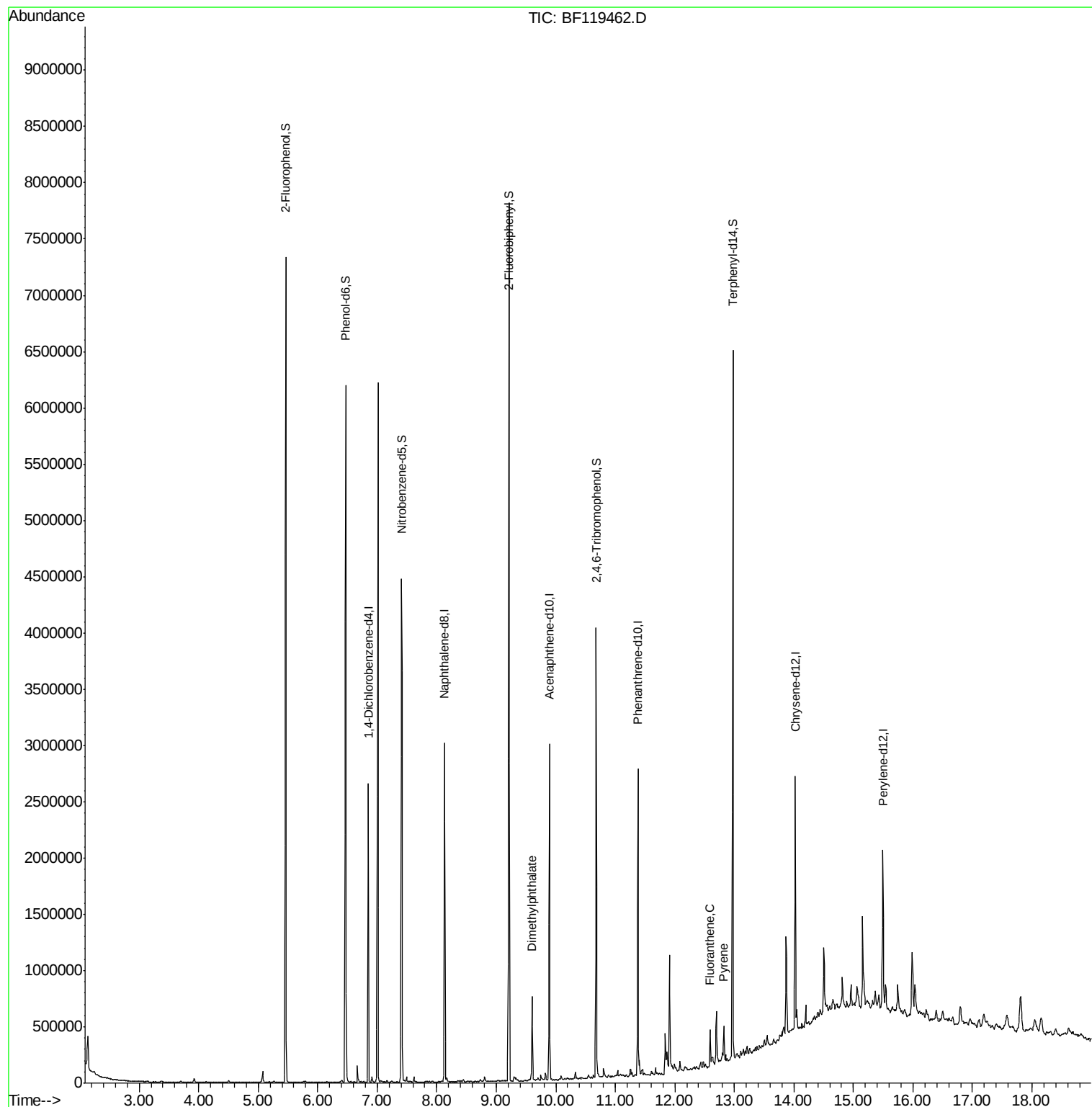
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	363241	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1319517	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	590287	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	939473	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	761358	20.00	ng	-0.01
87) Perylene-d12	15.50	264	671832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1966229	86.17	ng	0.00
7) Phenol-d6	6.47	99	2429943	83.36	ng	0.00
23) Nitrobenzene-d5	7.41	82	1494134	61.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	457528	75.13	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2505262	62.88	ng	0.00
79) Terphenyl-d14	12.97	244	2251581	57.94	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	265372	6.329	ng	100
75) Fluoranthene	12.59	202	119372	2.264	ng	99
78) Pyrene	12.82	202	127816	2.046	ng	98

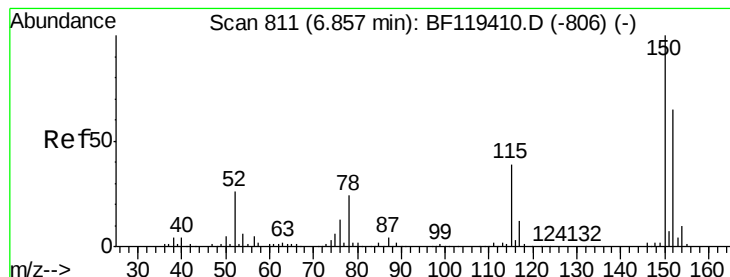
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119462.D

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ClientSampleId :

80564952

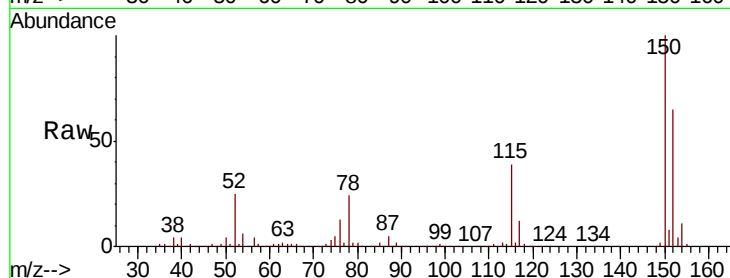
Tot Ion:152 Resp: 363241

Ion Ratio Lower Upper

152 100

150 154.9 123.9 185.9

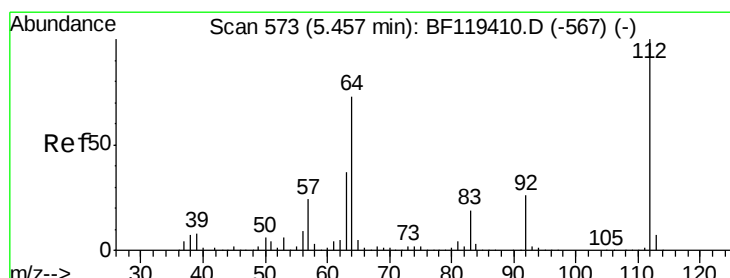
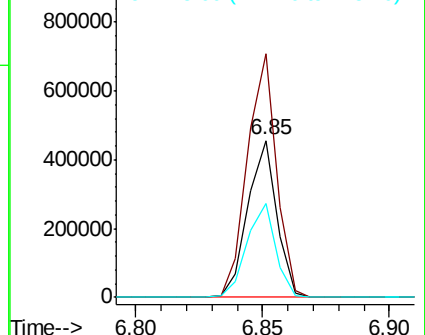
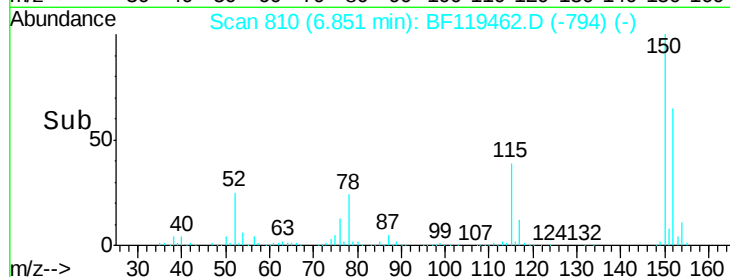
115 59.9 47.8 71.6



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: 86.170 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

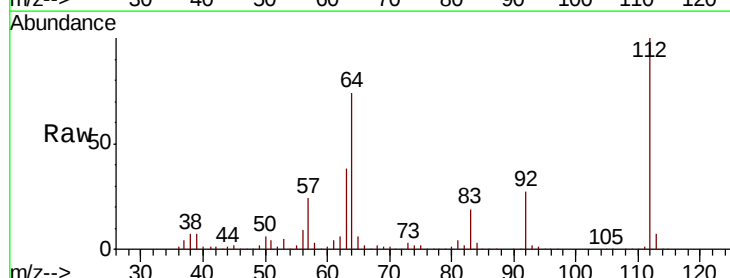
Tgt Ion:112 Resp: 1966229

Ion Ratio Lower Upper

112 100

64 74.1 58.1 87.1

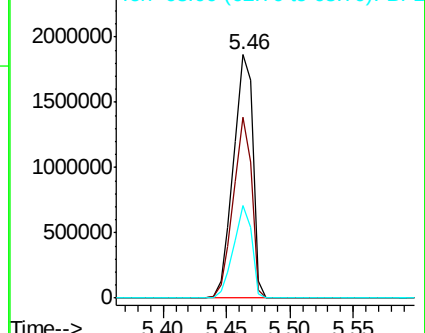
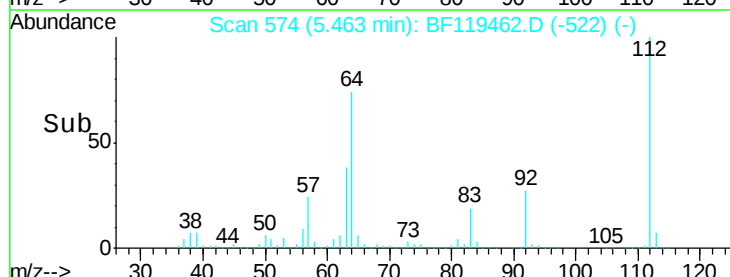
63 38.1 29.7 44.5

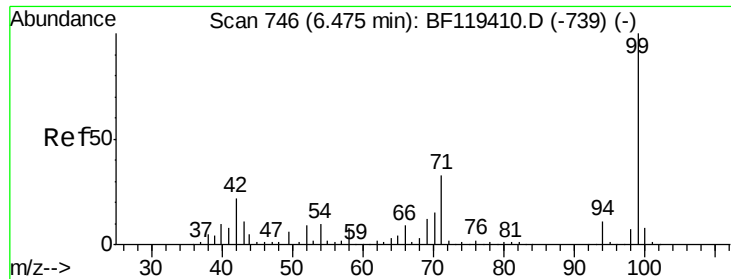


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.365 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

Instrument :

BNA_F

ClientSampled :

80564952

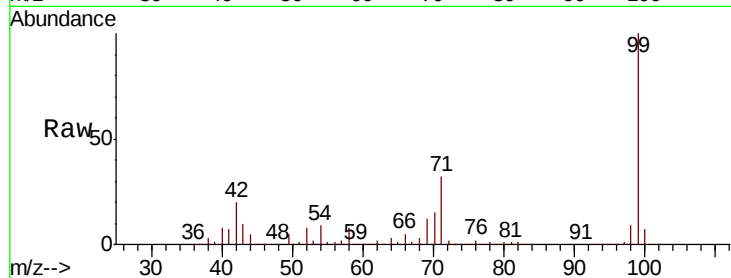
Tot Ion: 99 Resp: 2429943

Ion Ratio Lower Upper

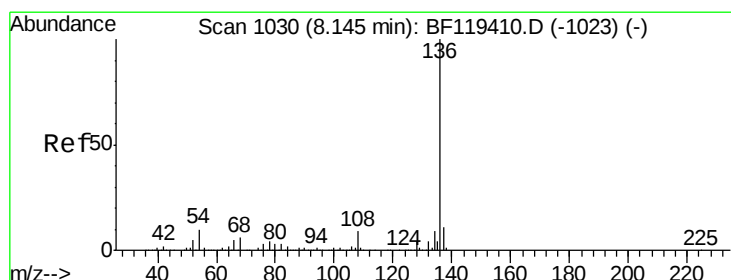
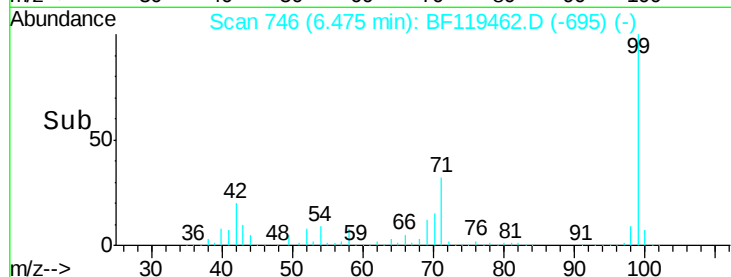
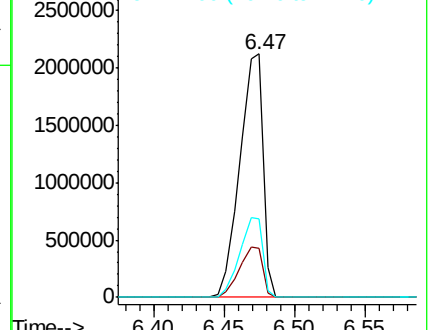
99 100

42 20.2 17.8 26.6

71 32.4 26.0 39.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

Tgt Ion: 136 Resp: 1319517

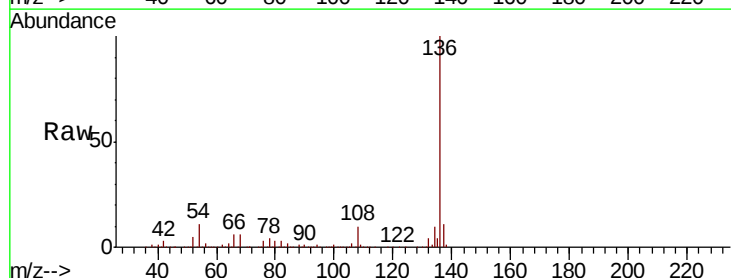
Ion Ratio Lower Upper

136 100

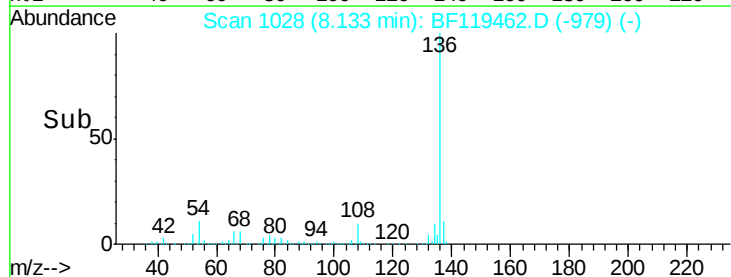
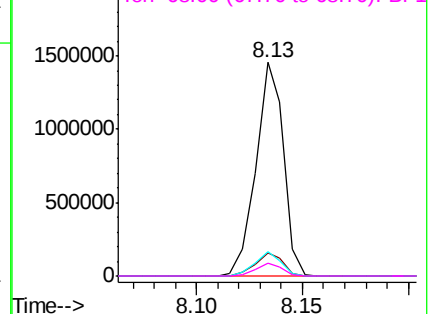
137 11.0 8.4 12.6

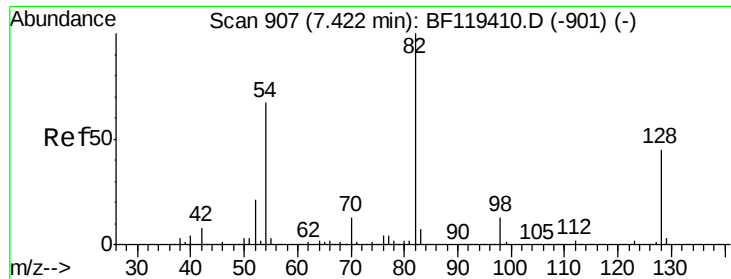
54 11.4 8.3 12.5

68 6.2 4.9 7.3



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

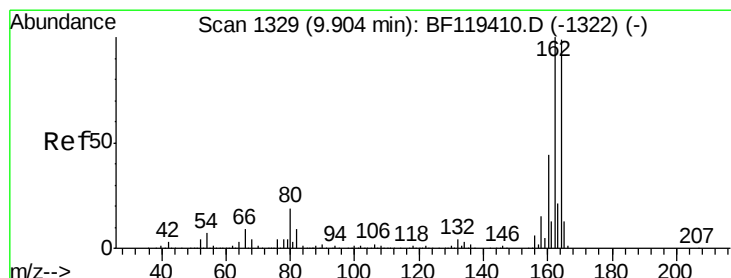
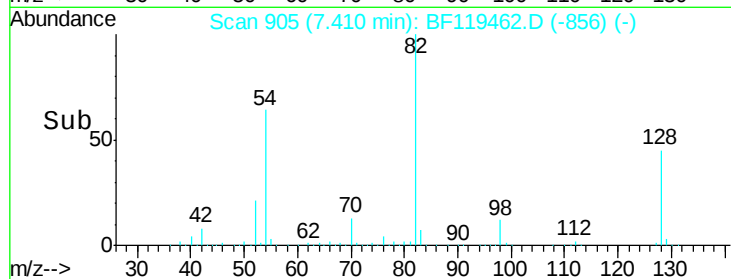
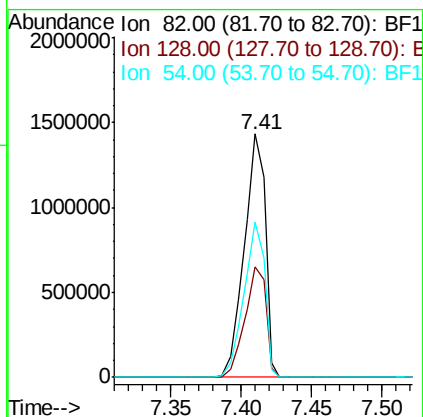
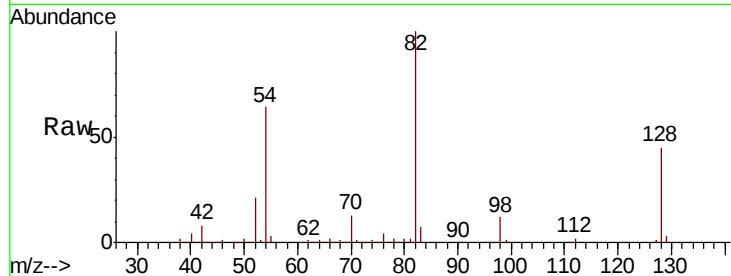




#23
Nitrobenzene-d5
Concen: 61.540 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119462.D
Acq: 20 Mar 2020 2:44

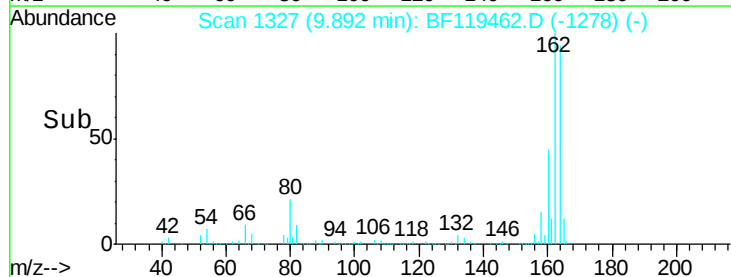
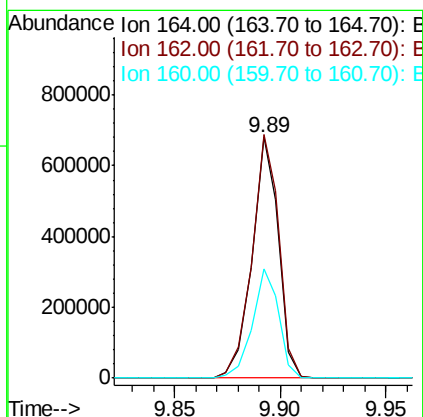
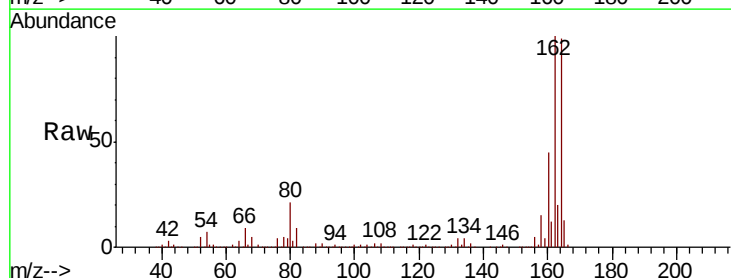
Instrument :
BNA_F
ClientSampleId :
80564952

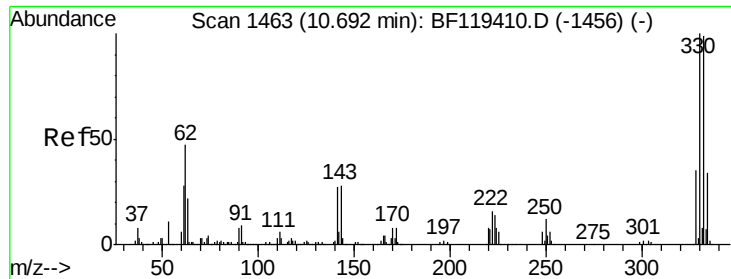
Tot Ion: 82 Resp: 1494134
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.8
54 63.9 53.4 80.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119462.D
Acq: 20 Mar 2020 2:44

Tgt Ion: 164 Resp: 590287
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 45.6 35.5 53.3

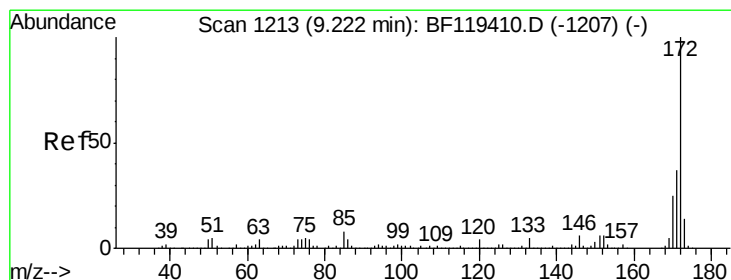
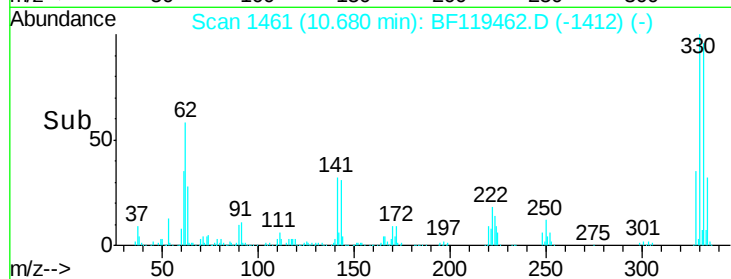
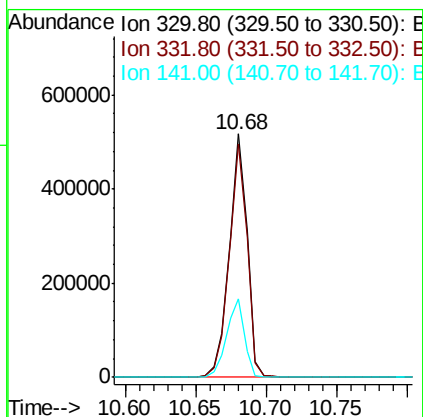
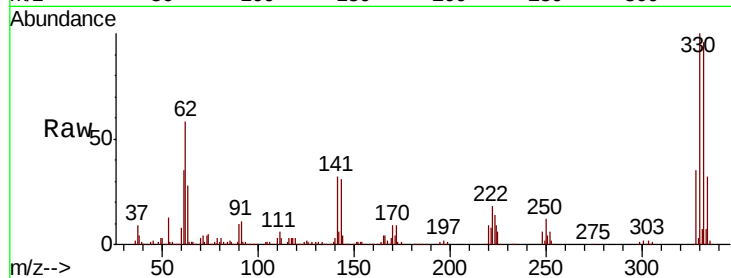




#42
 2,4,6-Tribromophenol
 Concen: 75.130 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119462.D
 Acq: 20 Mar 2020 2:44

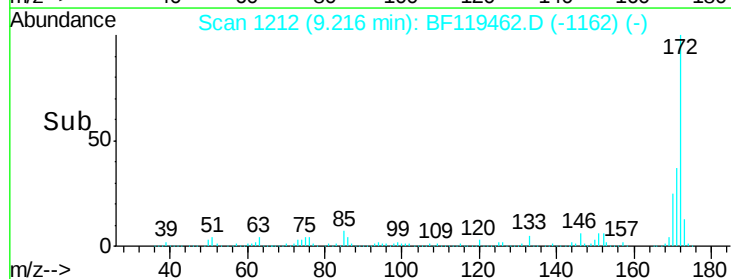
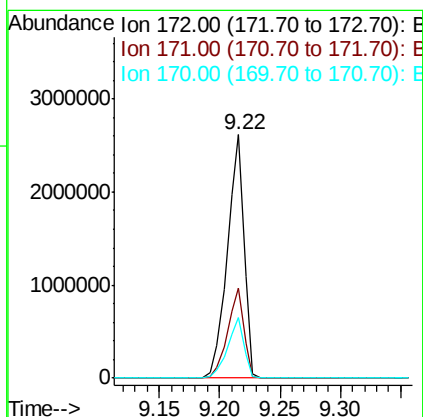
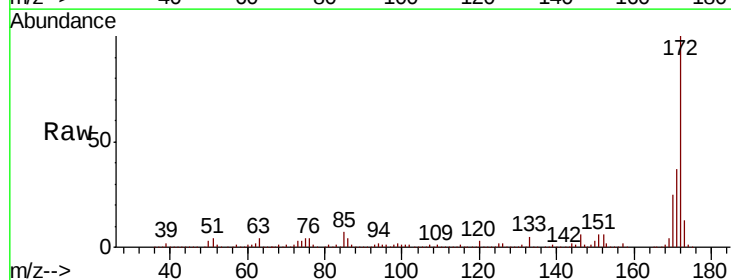
Instrument :
 BNA_F
 ClientSampleId :
 80564952

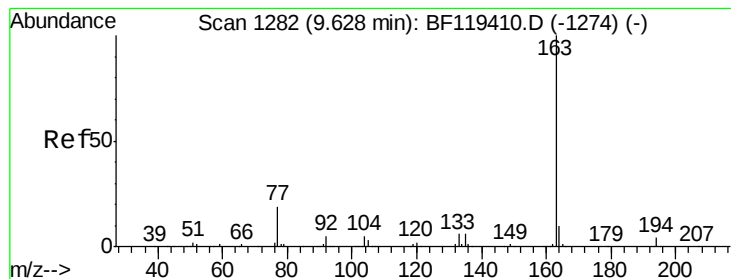
Tot Ion:330 Resp: 457528
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.6 116.4
 141 32.4 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 62.876 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119462.D
 Acq: 20 Mar 2020 2:44

Tgt Ion:172 Resp: 2505262
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.9 44.9
 170 24.7 20.1 30.1





#50

Dimethylphthalate

Concen: 6.329 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

Instrument :

BNA_F

ClientSampleId :

80564952

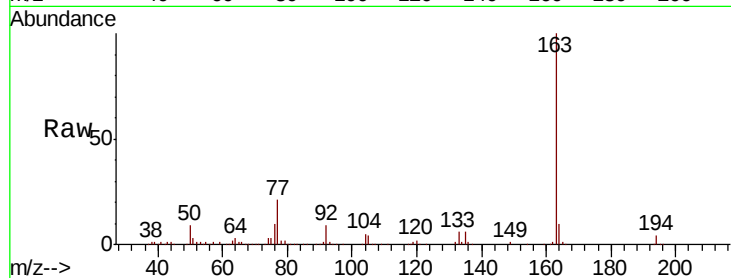
Tot Ion:163 Resp: 265372

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

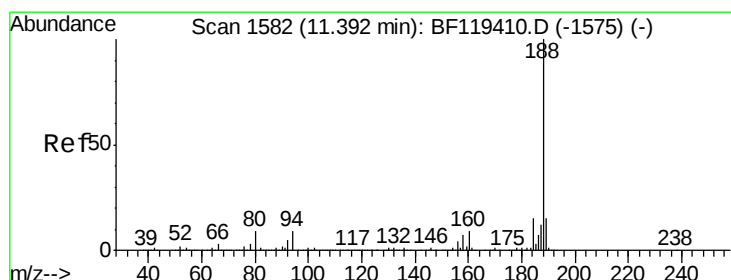
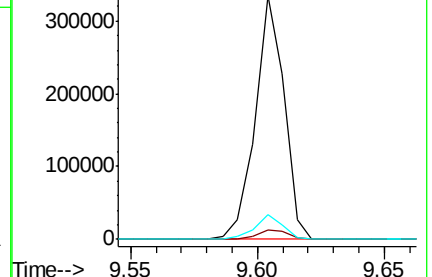
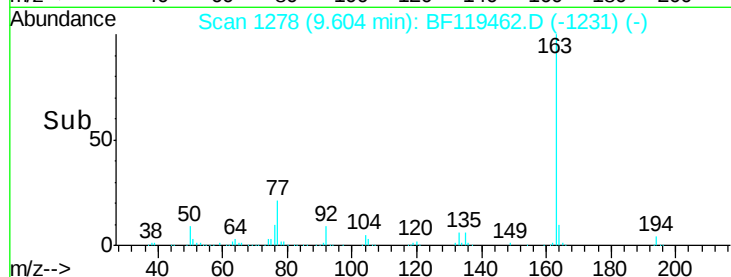
164 10.2 8.1 12.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

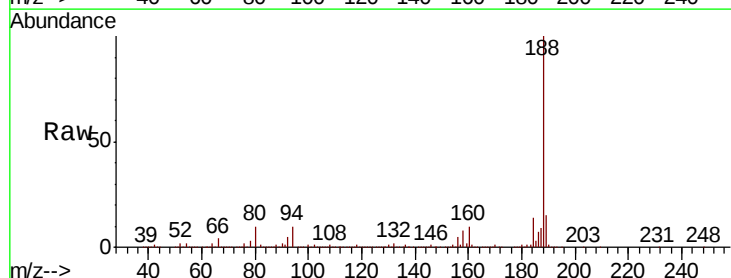
Tgt Ion:188 Resp: 939473

Ion Ratio Lower Upper

188 100

94 10.1 7.1 10.7

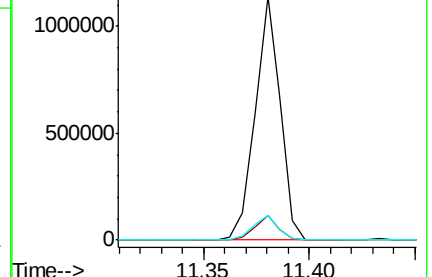
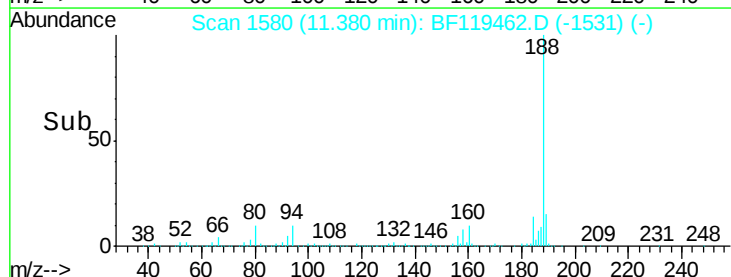
80 10.0 7.5 11.3

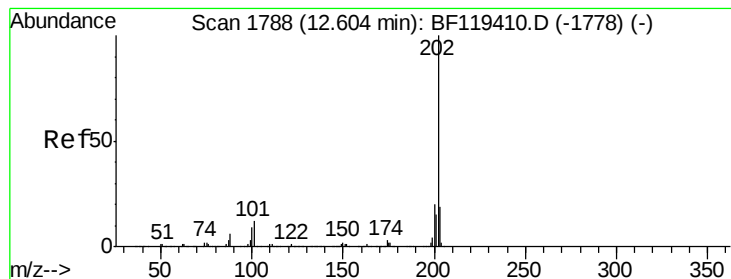


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.264 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

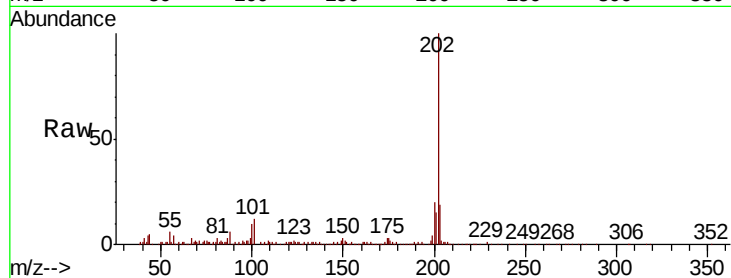
Instrument :

BNA_F

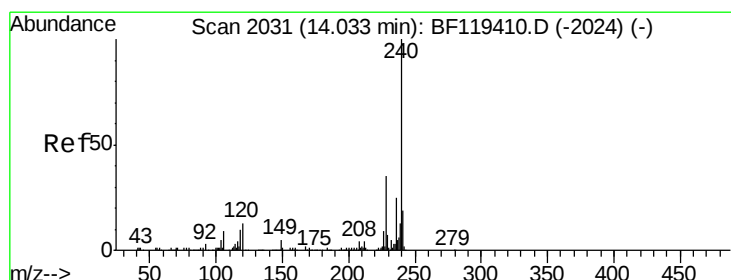
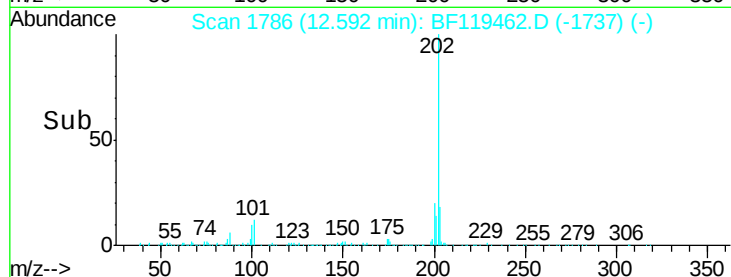
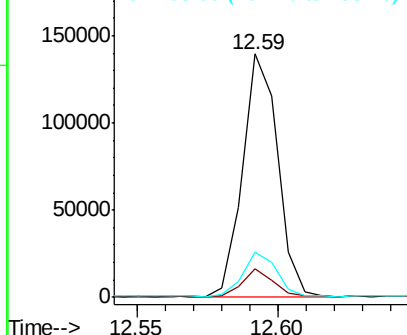
ClientSampleId :

80564952

Tot Ion:	202	Resp:	119372
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.4
203	18.6	0.0	38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

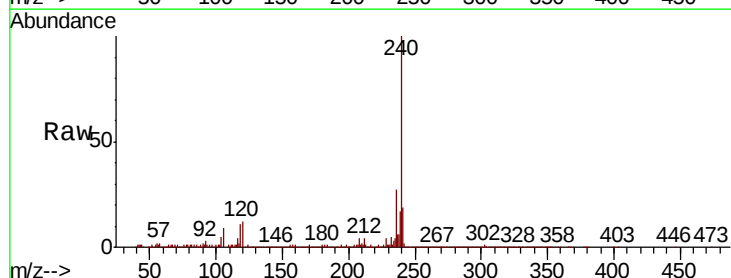
RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

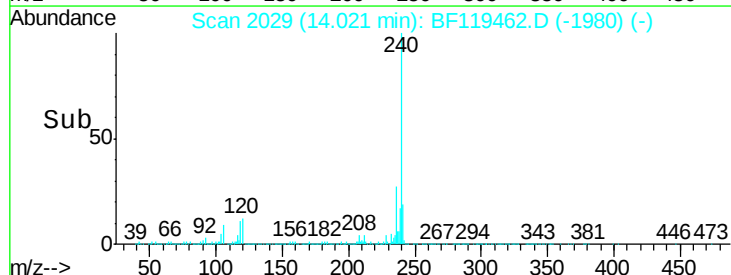
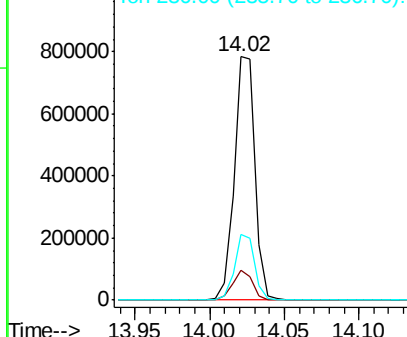
Lab File: BF119462.D

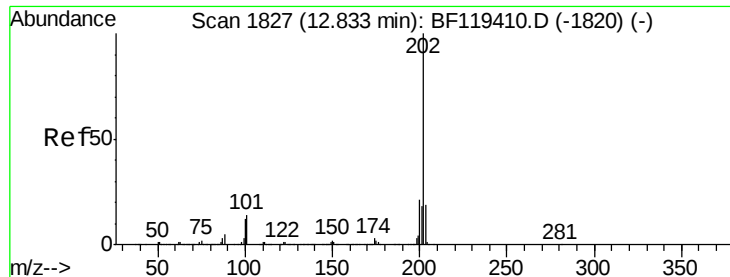
Acq: 20 Mar 2020 2:44

Tgt Ion:	240	Resp:	761358
Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.2	15.4
236	26.8	20.4	30.6



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

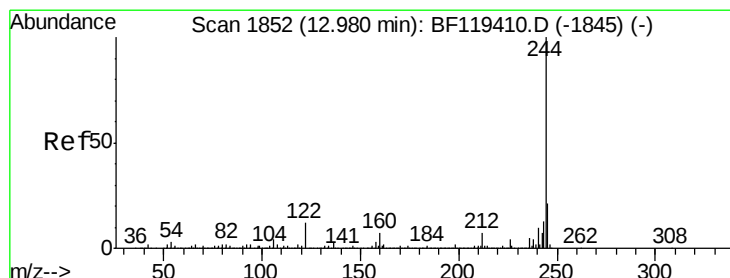
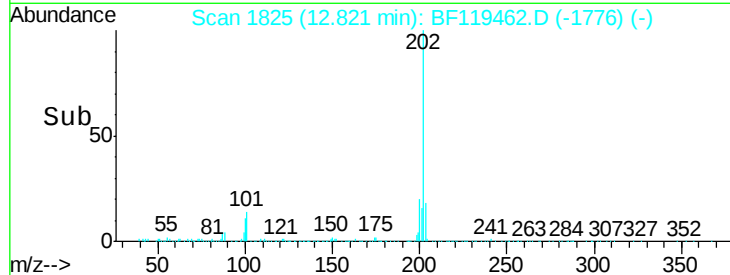
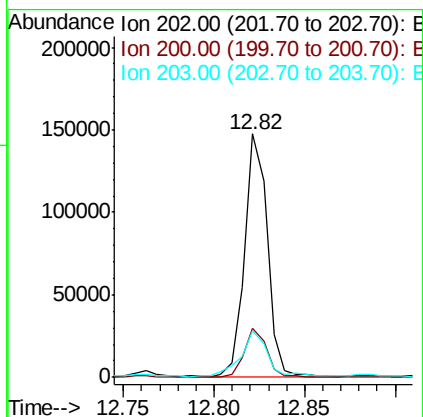
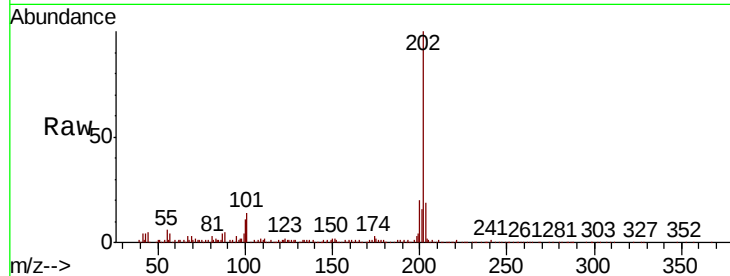




#78
Pvrene
Concen: 2.046 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF119462.D
Acq: 20 Mar 2020 2:44

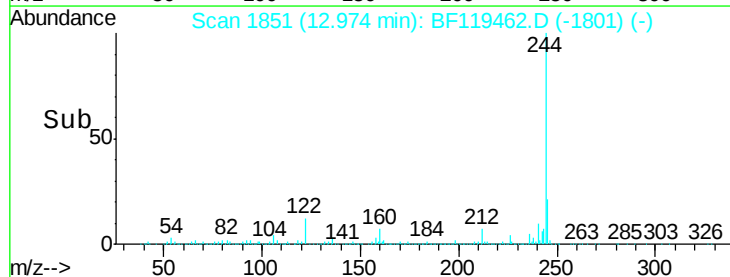
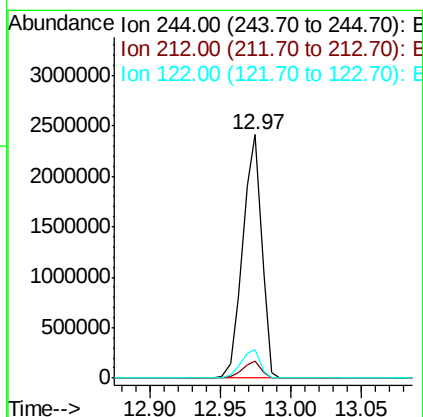
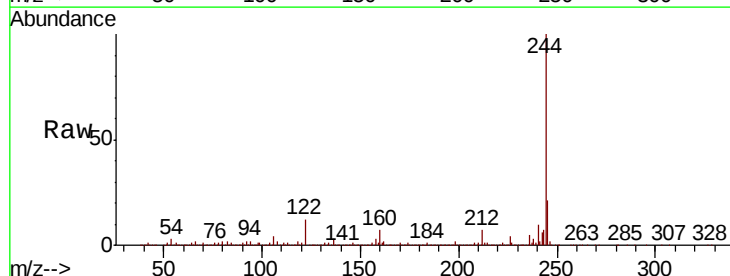
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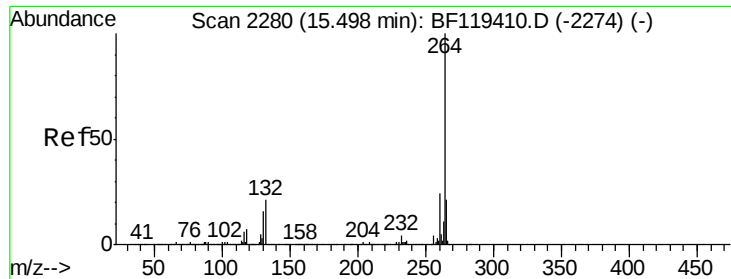
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.8	25.2
203	19.1	14.8	22.2



#79
Terphenyl-d14
Concen: 57.940 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF119462.D
Acq: 20 Mar 2020 2:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.7	9.8	14.8

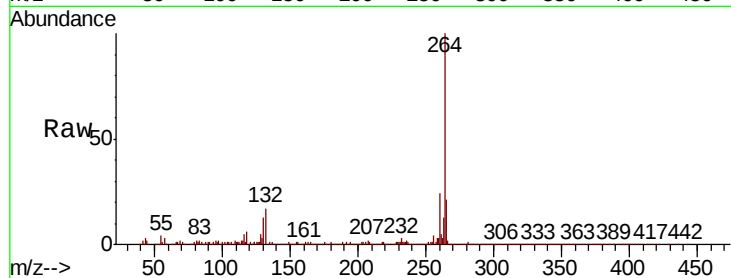




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119462.D
Acq: 20 Mar 2020 2:44

Instrument :
BNA_F
ClientSampleId :
80564952

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	16.9	25.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

