

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119543.D
 Acq On : 26 Mar 2020 21:32
 Operator : CG/JU
 Sample : L2040-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-11986

Quant Time: Mar 27 01:57:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

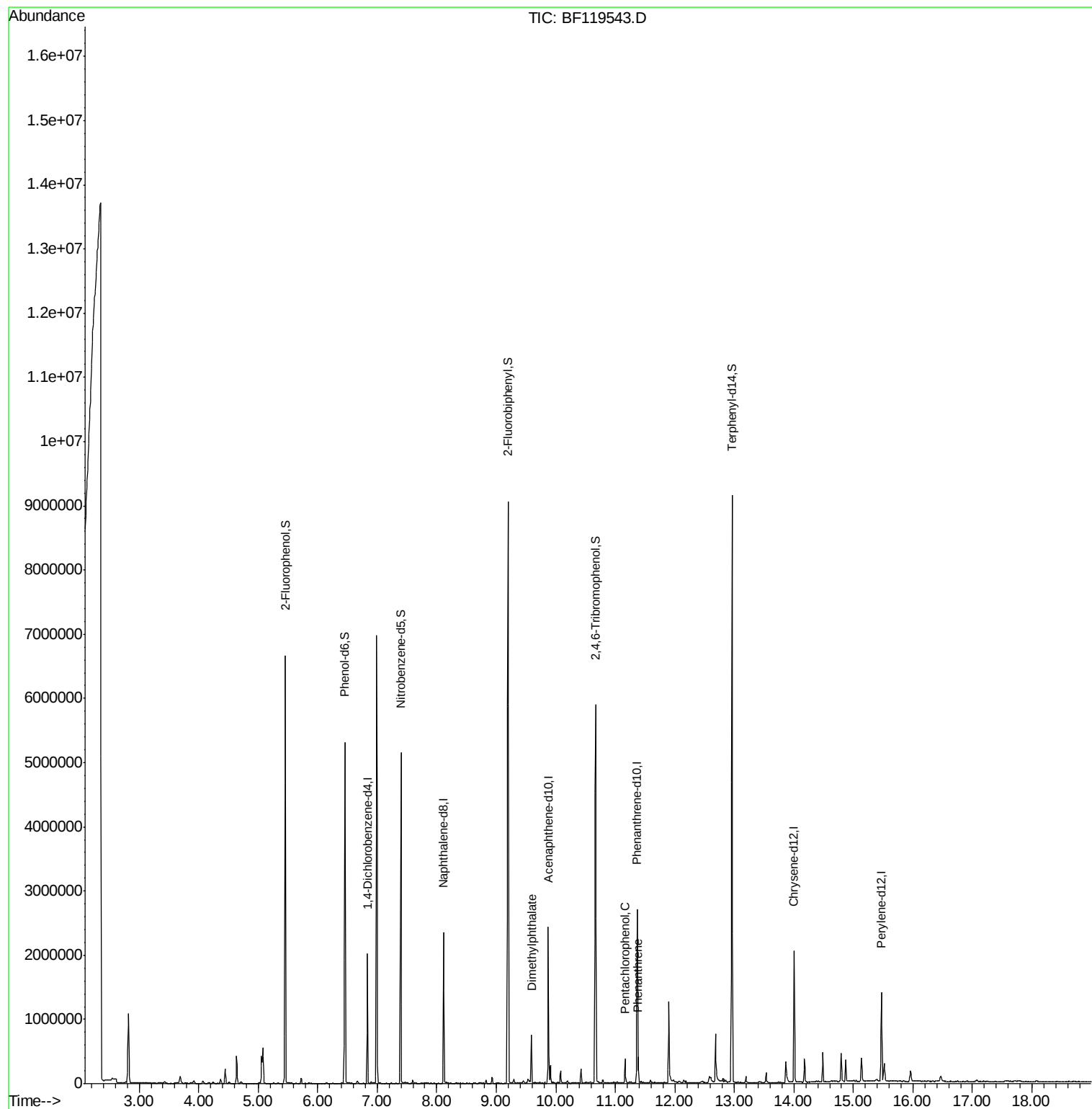
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	260636	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	961402	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	498843	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	962077	20.00	ng	0.00
76) Chrysene-d12	14.01	240	747045	20.00	ng	0.00
87) Perylene-d12	15.47	264	654802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1802314	110.08	ng	0.02
7) Phenol-d6	6.46	99	1977613	94.56	ng	0.00
23) Nitrobenzene-d5	7.40	82	1609457	90.98	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	746606	145.07	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2928905	86.98	ng	0.00
79) Terphenyl-d14	12.96	244	3439681	90.21	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	297444	8.395	ng	100
70) Pentachlorophenol	11.16	266	39913	6.070	ng	100
71) Phenanthrene	11.39	178	129458	2.595	ng	97

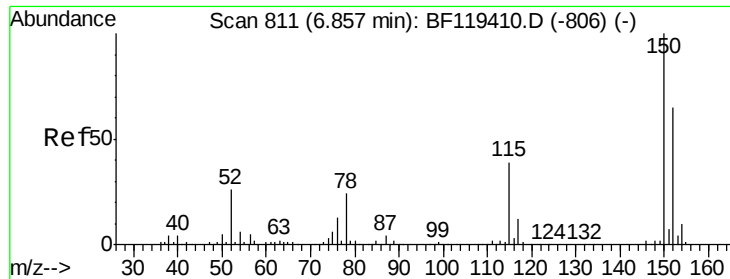
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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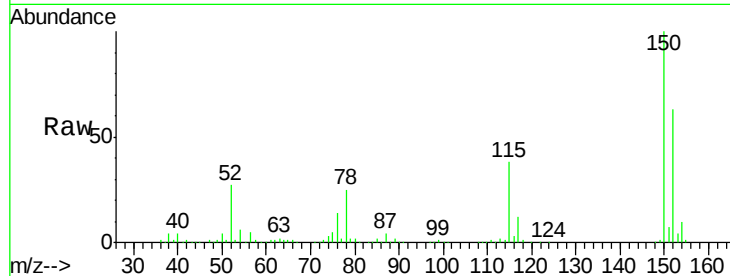


#1

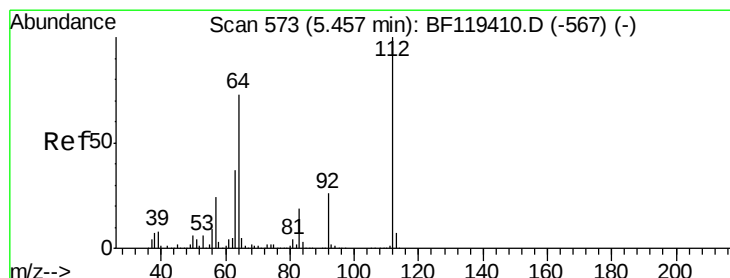
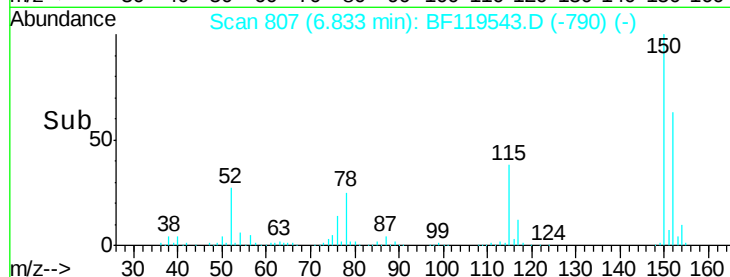
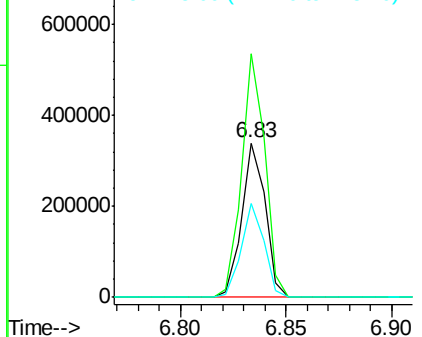
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

Instrument :
BNA_F
ClientSampleId :
RO-11986

Tot Ion:152 Resp: 260636
Ion Ratio Lower Upper
152 100
150 157.6 123.9 185.9
115 60.5 47.8 71.6



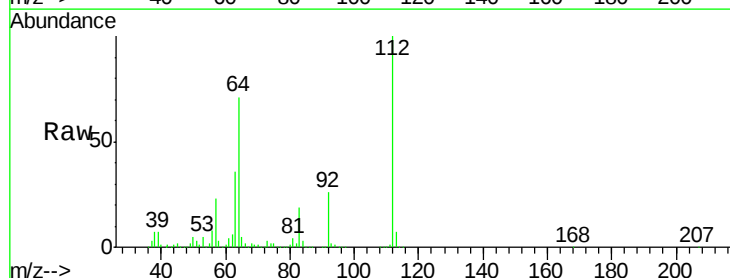
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



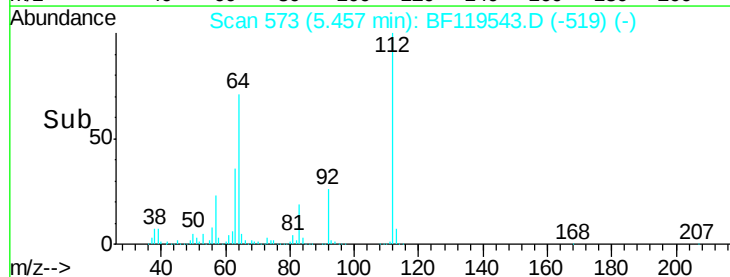
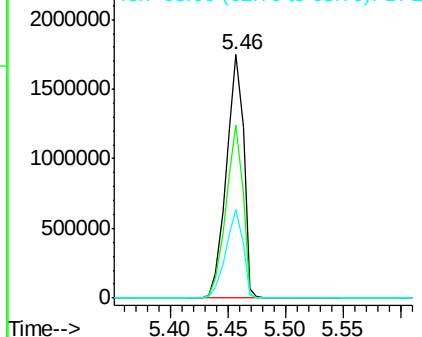
#5

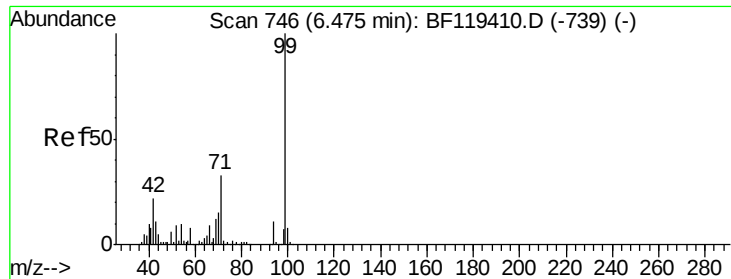
2-Fluorophenol
Concen: 110.081 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

Tgt Ion:112 Resp: 1802314
Ion Ratio Lower Upper
112 100
64 71.1 58.1 87.1
63 36.3 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: 94.556 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

Instrument :

BNA_F

ClientSampleId :

RO-11986

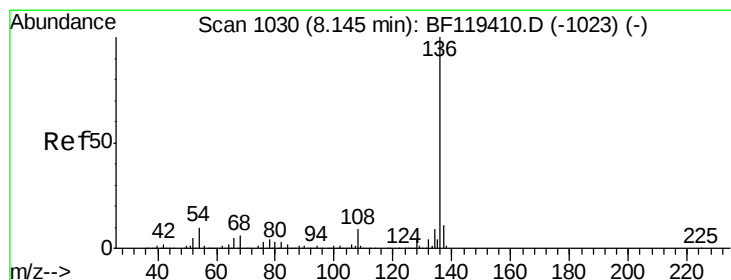
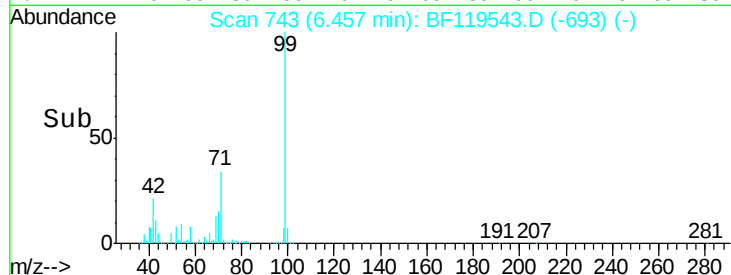
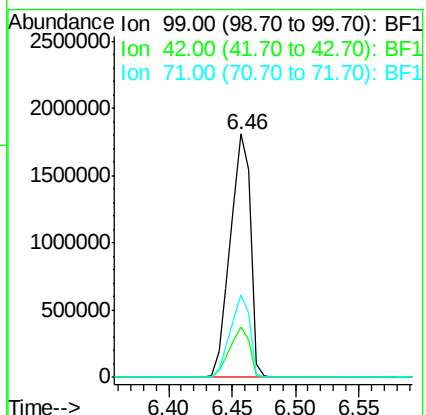
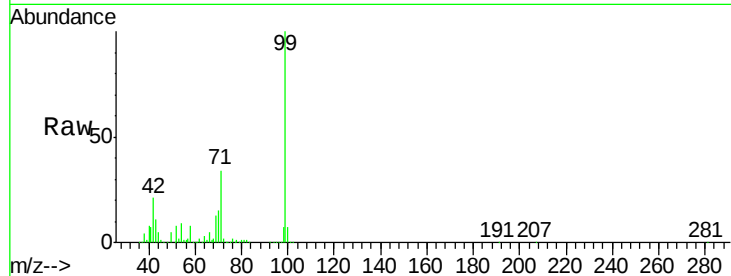
Tot Ion: 99 Resp: 1977613

Ion Ratio Lower Upper

99 100

42 20.9 17.8 26.6

71 33.7 26.0 39.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

Tgt Ion: 136 Resp: 961402

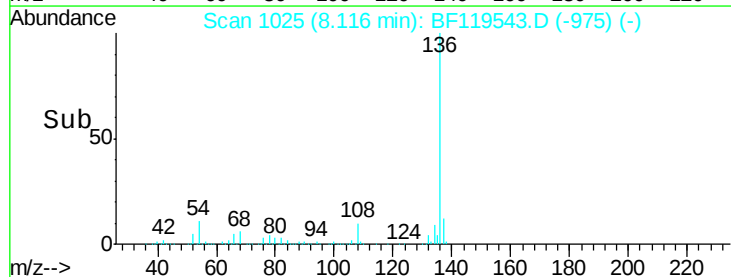
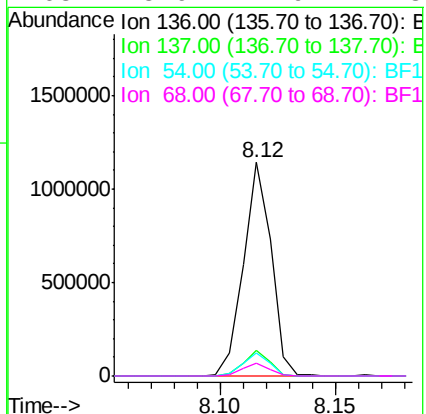
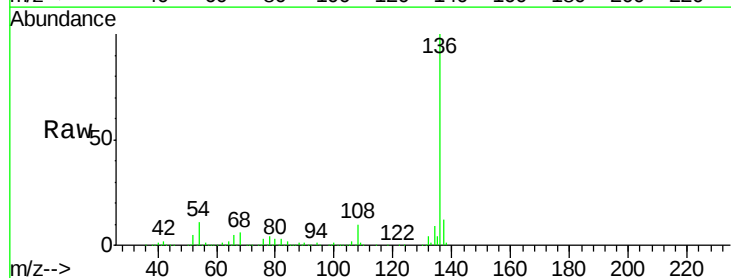
Ion Ratio Lower Upper

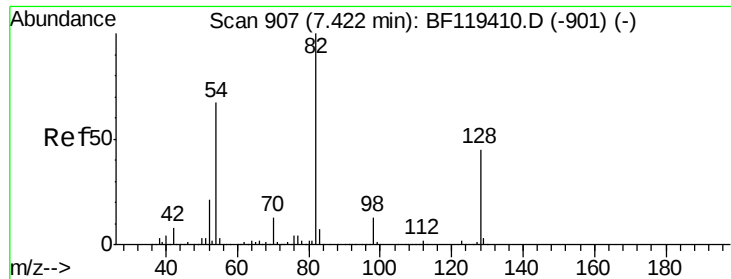
136 100

137 11.7 8.4 12.6

54 11.0 8.3 12.5

68 5.9 4.9 7.3

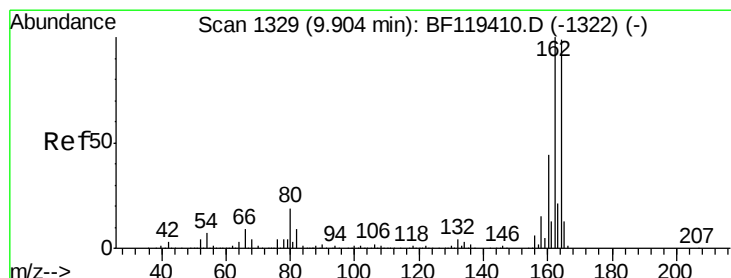
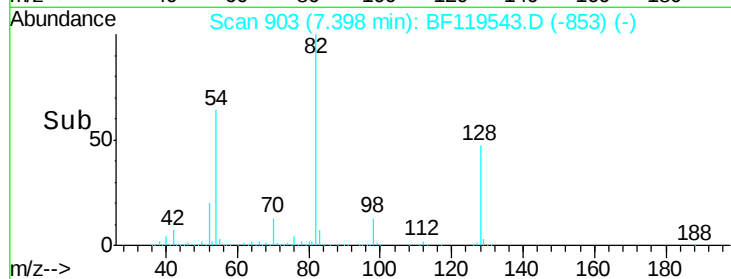
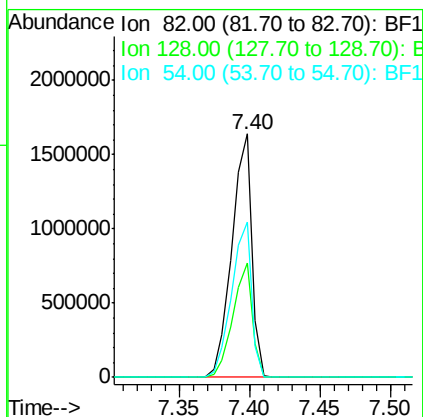
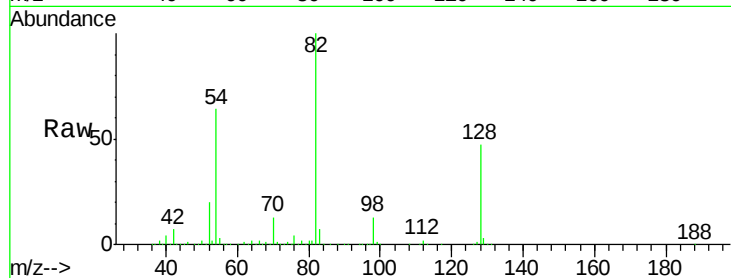




#23
Nitrobenzene-d5
Concen: 90.982 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

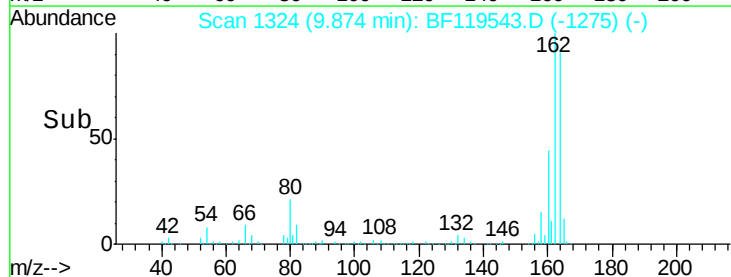
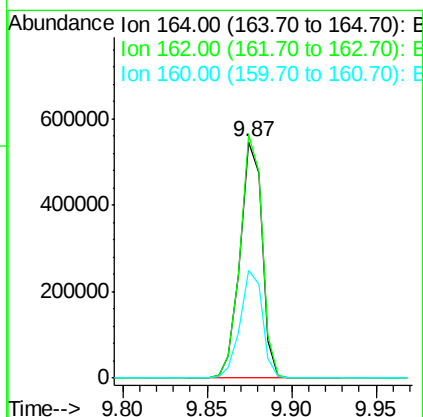
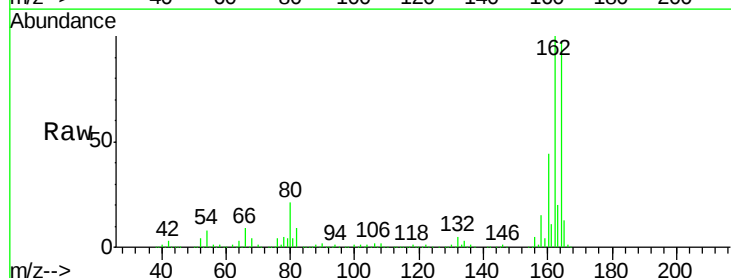
Instrument :
BNA_F
ClientSampleId :
RO-11986

Tot Ion: 82 Resp: 1609457
Ion Ratio Lower Upper
82 100
128 46.9 35.8 53.8
54 63.9 53.4 80.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

Tgt Ion: 164 Resp: 498843
Ion Ratio Lower Upper
164 100
162 102.9 80.7 121.1
160 45.5 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 145.074 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

Instrument :

BNA_F

ClientSampleId :

RO-11986

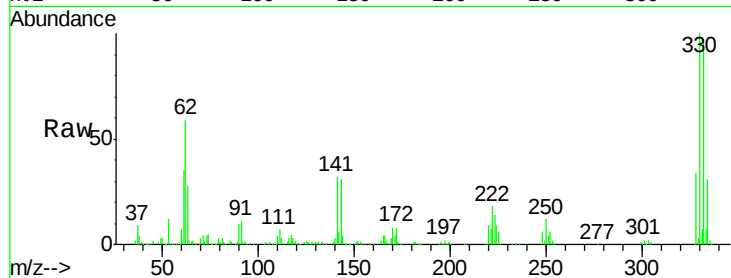
Tot Ion:330 Resp: 746606

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

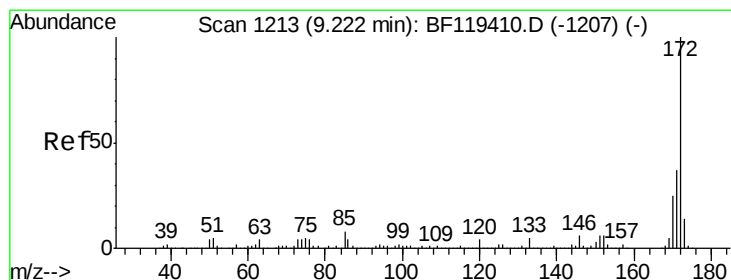
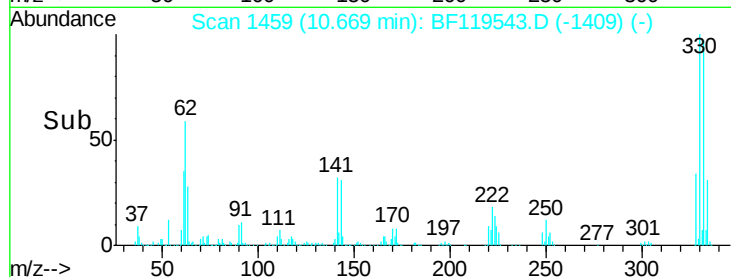
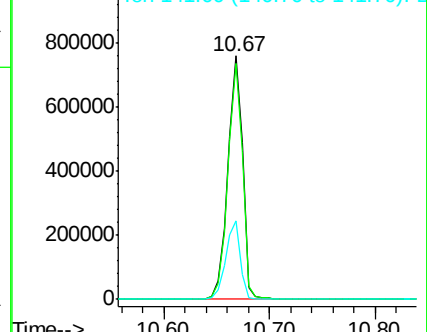
141 32.1 26.6 40.0



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: 86.983 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

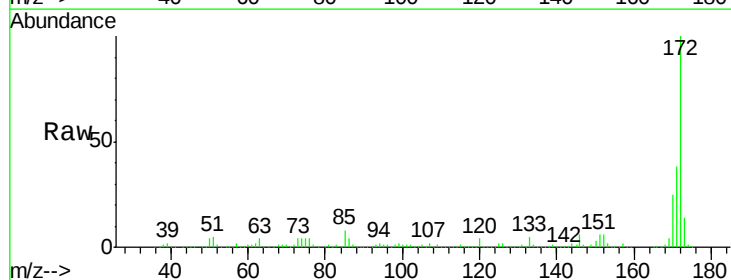
Tgt Ion:172 Resp: 2928905

Ion Ratio Lower Upper

172 100

171 37.7 29.9 44.9

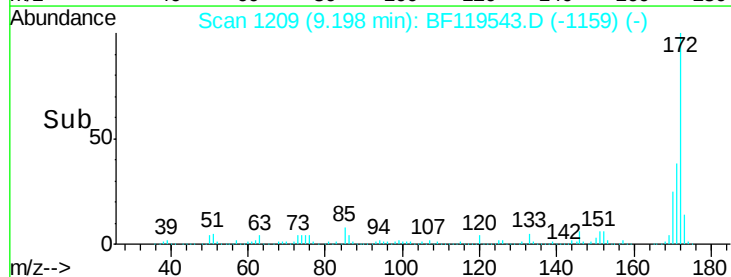
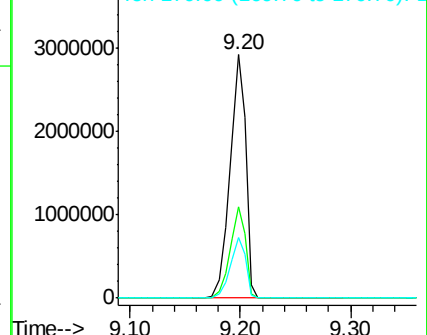
170 24.9 20.1 30.1

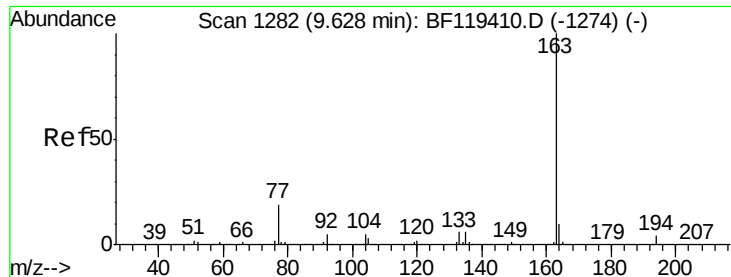


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

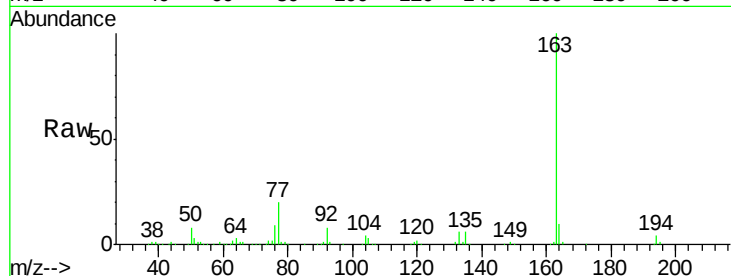




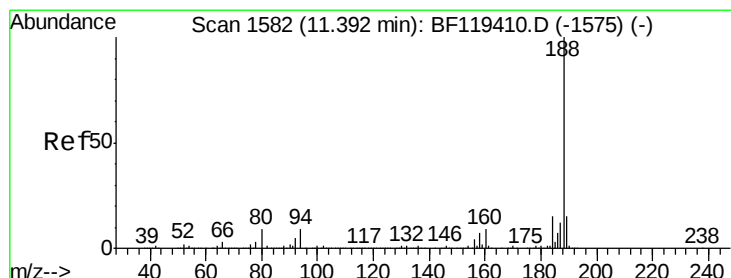
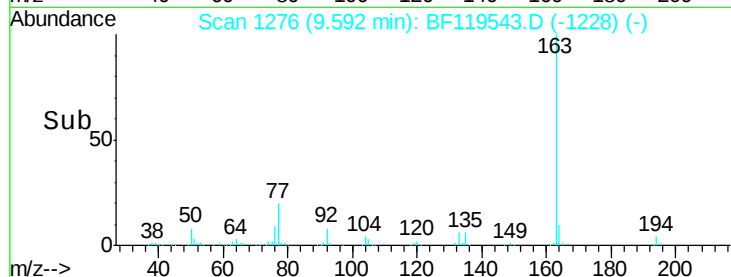
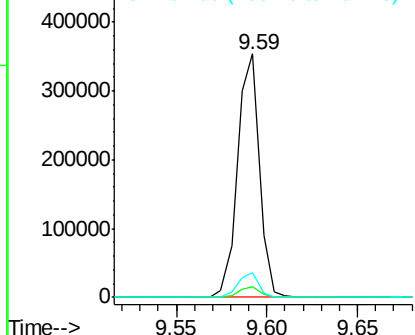
#50
Dimethylphthalate
Concen: 8.395 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

Instrument :
BNA_F
ClientSampleId :
RO-11986

Tot Ion:163 Resp: 297444
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.0 8.1 12.1

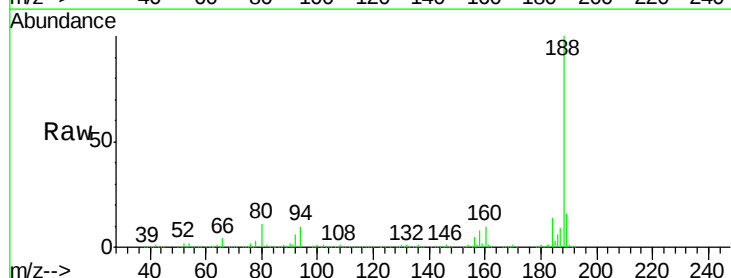


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

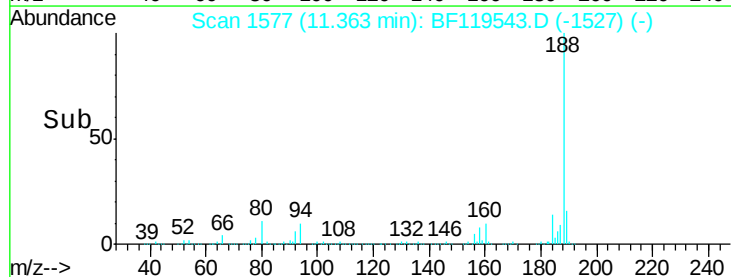
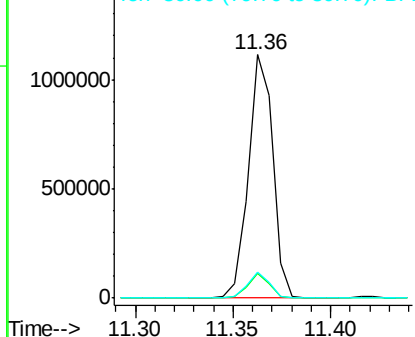


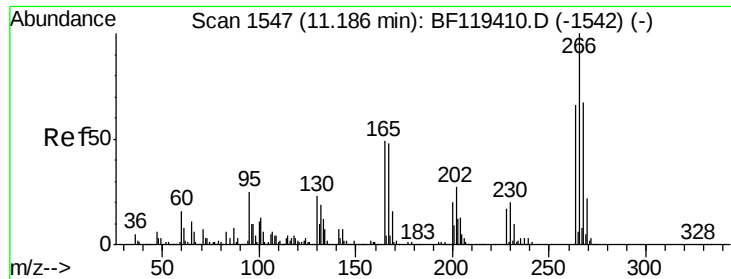
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

Tgt Ion:188 Resp: 962077
Ion Ratio Lower Upper
188 100
94 10.0 7.1 10.7
80 10.8 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





#70

Pentachlorophenol

Concen: 6.070 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

Instrument :

BNA_F

ClientSampleId :

RO-11986

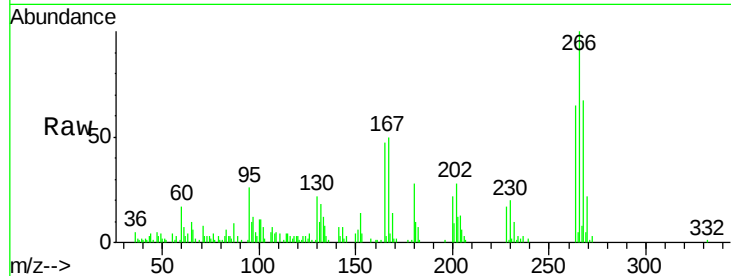
Tot Ion:266 Resp: 39913

Ion Ratio Lower Upper

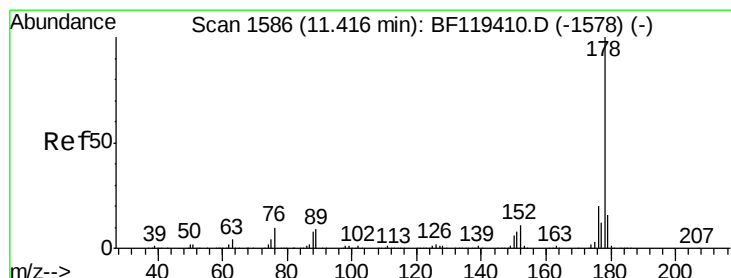
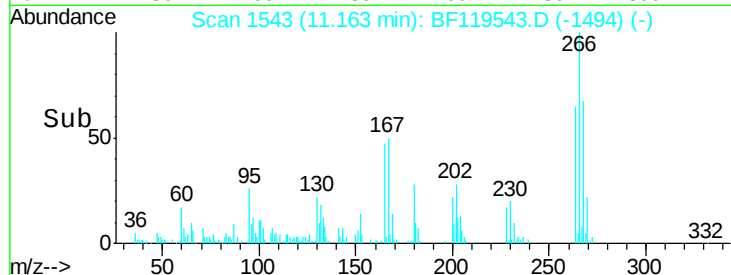
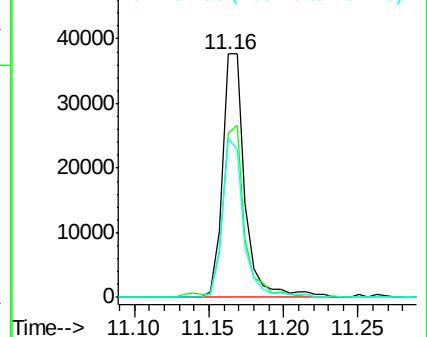
266 100

268 67.4 53.7 80.5

264 65.2 52.5 78.7



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: 2.595 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

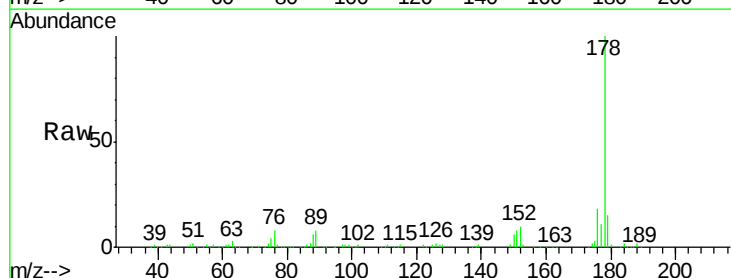
Tgt Ion:178 Resp: 129458

Ion Ratio Lower Upper

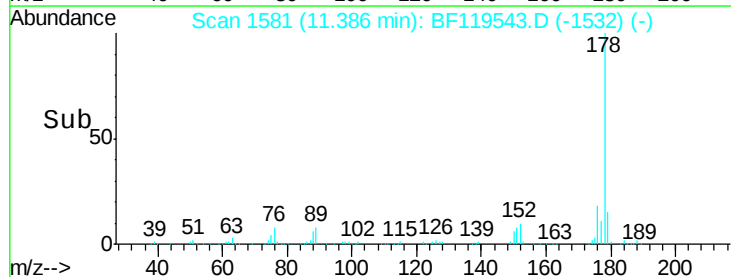
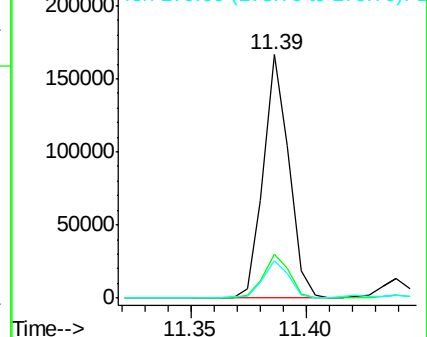
178 100

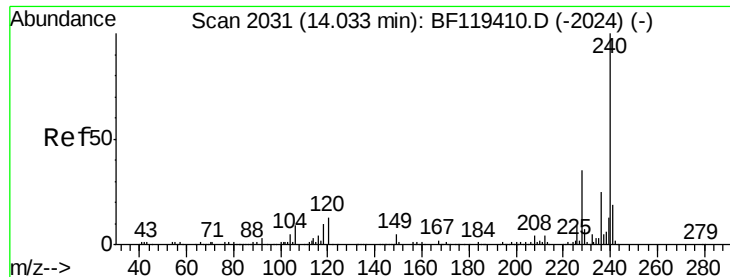
176 18.3 16.2 24.4

179 15.4 12.9 19.3



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

Instrument :

BNA_F

ClientSampleId :

RO-11986

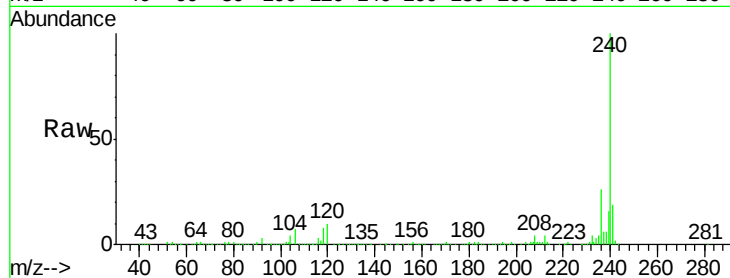
Tot Ion:240 Resp: 747045

Ion Ratio Lower Upper

240 100

120 10.3 10.2 15.4

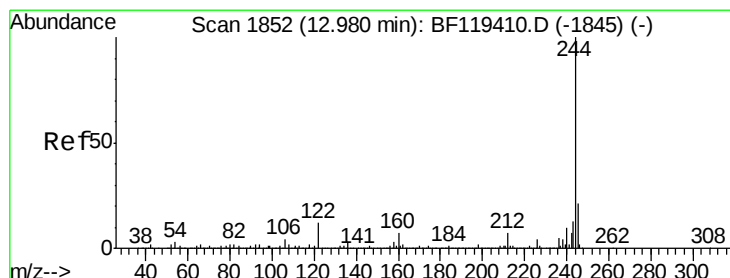
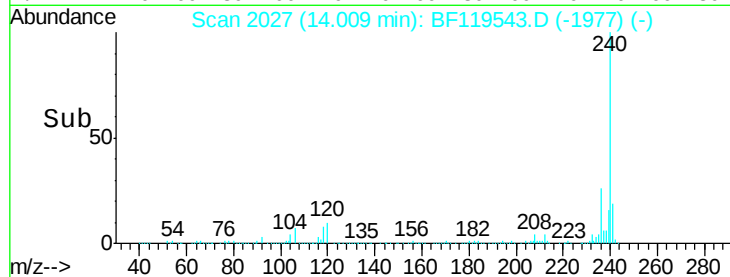
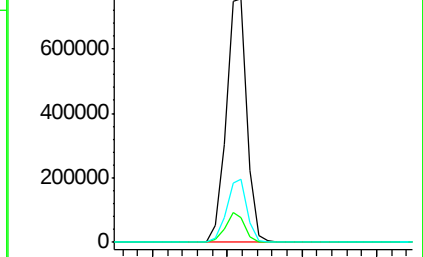
236 26.2 20.4 30.6



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



#79

Terphenyl-d14

Concen: 90.210 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

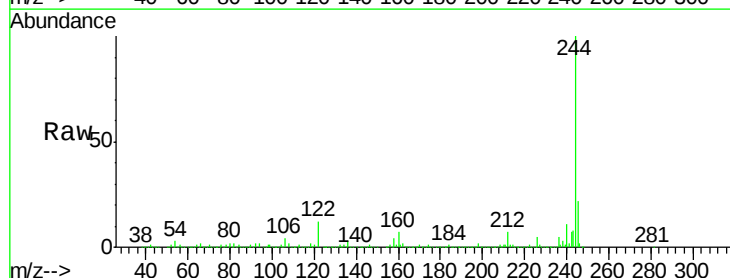
Tgt Ion:244 Resp: 3439681

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

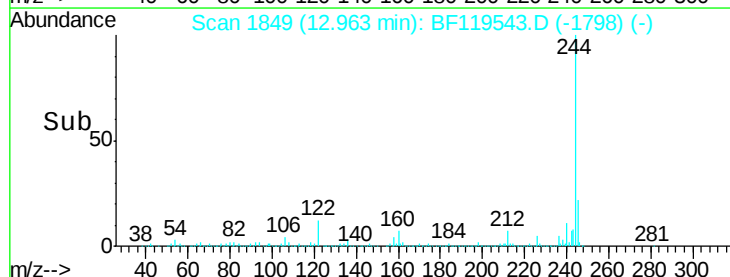
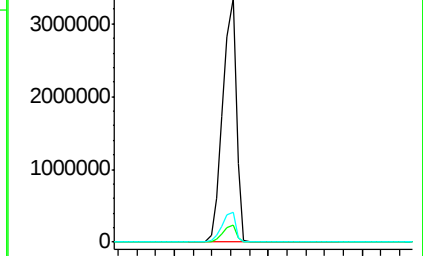
122 12.3 9.8 14.8

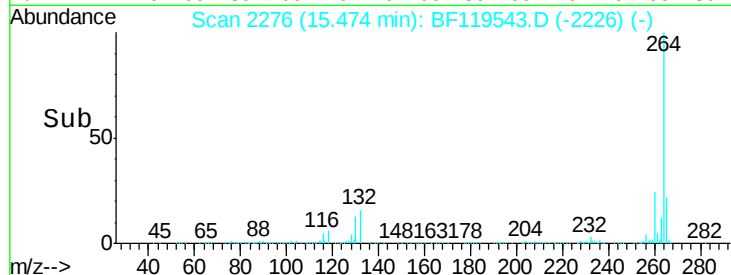
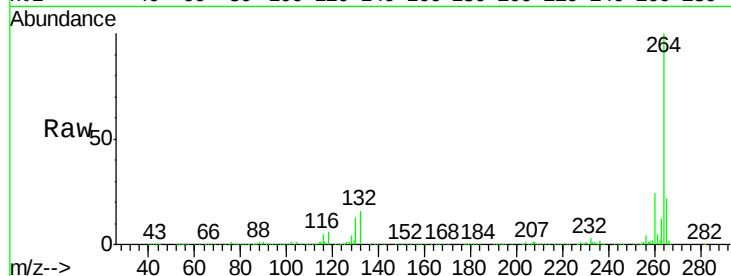
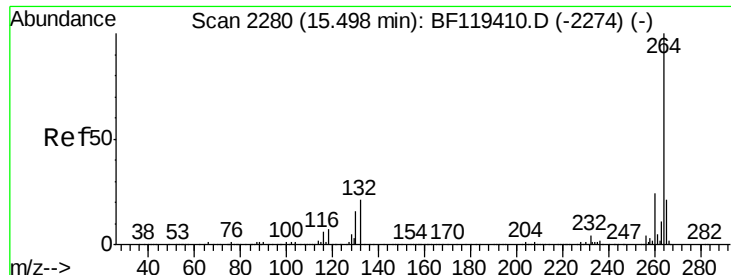


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

Instrument :
BNA_F
ClientSampleId :
RO-11986

Tot Ion:	264	Resp:	654802
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	16.9	25.3

