

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114239.D
 Acq On : 13 May 2019 19:45
 Operator : JU/SJ
 Sample : K2766-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-02

Quant Time: May 14 07:55:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

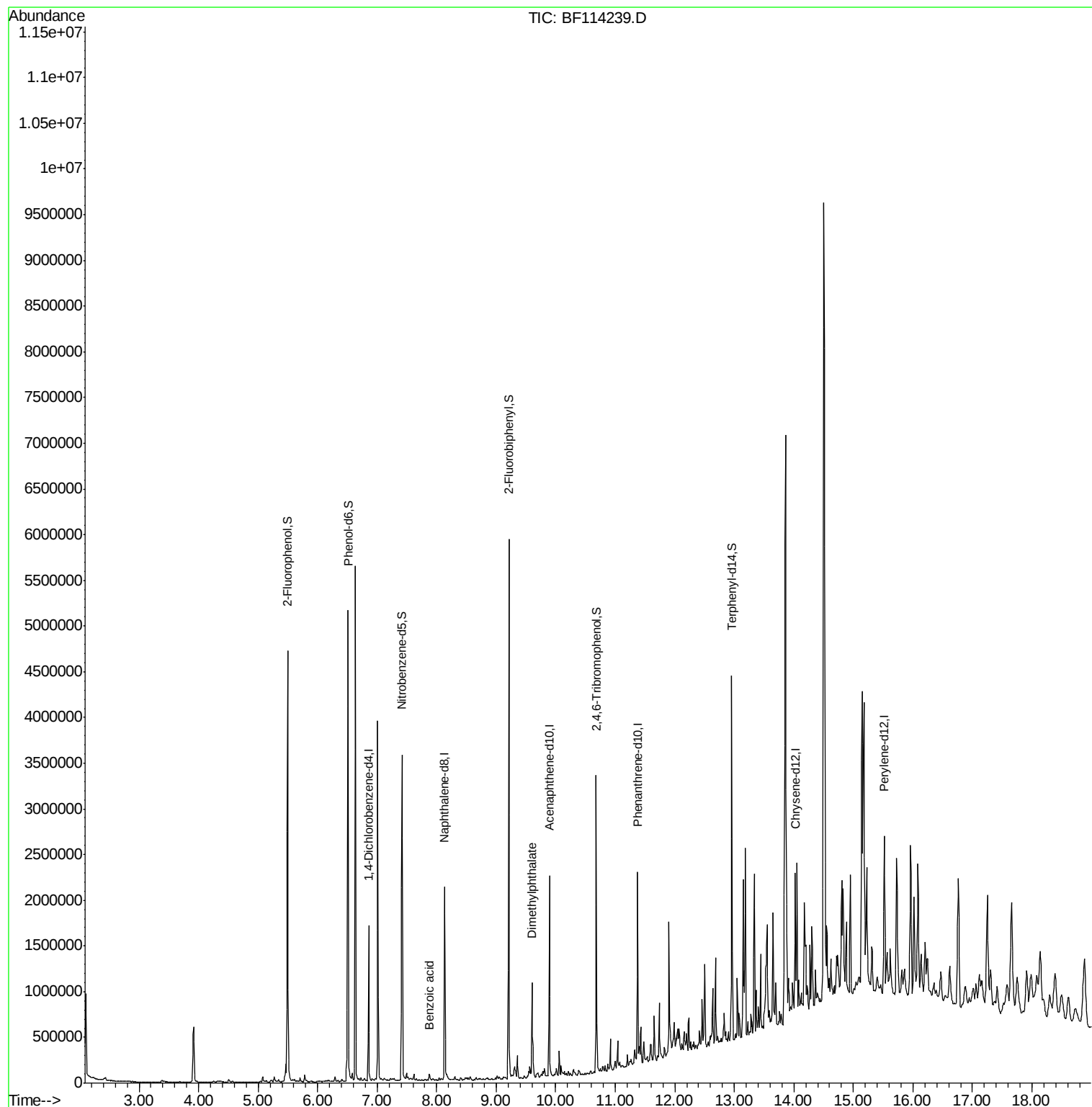
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	250214	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	958507	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	437684	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	770322	20.00	ng	0.00
76) Chrysene-d12	14.02	240	535424	20.00	ng	0.00
87) Perylene-d12	15.52	264	506213	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1398461	89.94	ng	0.01
7) Phenol-d6	6.51	99	1801943	97.99	ng	0.02
23) Nitrobenzene-d5	7.42	82	1147197	67.17	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	382220	84.47	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1774799	61.34	ng	0.00
79) Terphenyl-d14	12.96	244	1391922	53.59	ng	0.00
Target Compounds						
32) Benzoic acid	7.87	122	8911	7.826	ng	89
50) Dimethylphthalate	9.60	163	411483	12.807	ng	99

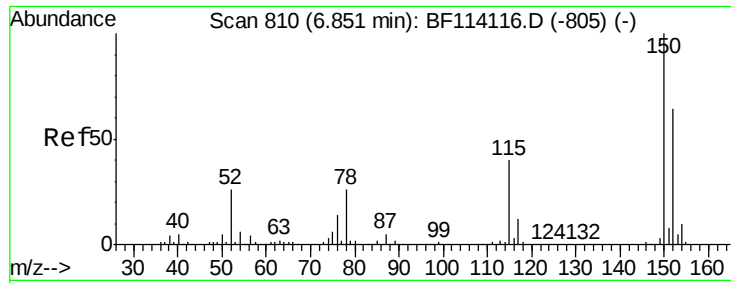
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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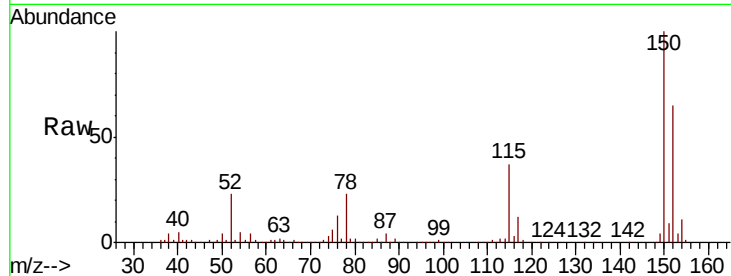


#1

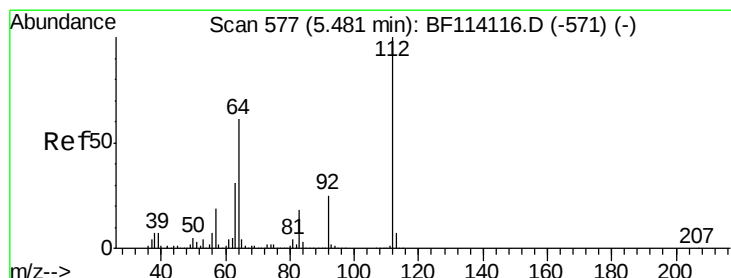
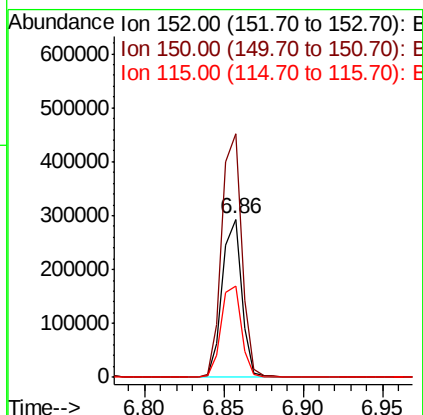
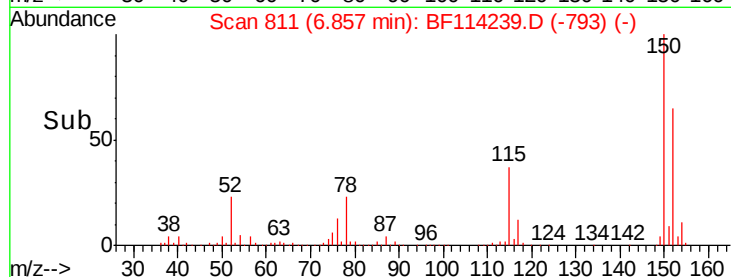
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-02

Tot Ion:152 Resp: 250214
Ion Ratio Lower Upper
152 100
150 154.2 124.3 186.5
115 57.5 49.1 73.7



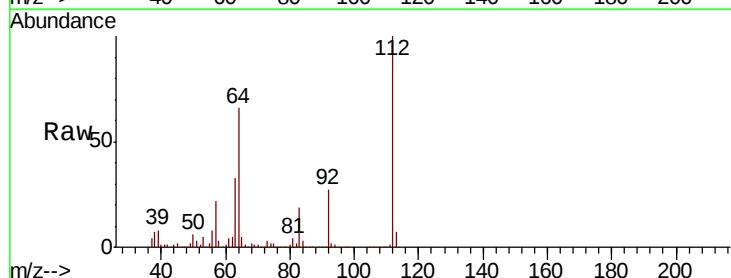
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



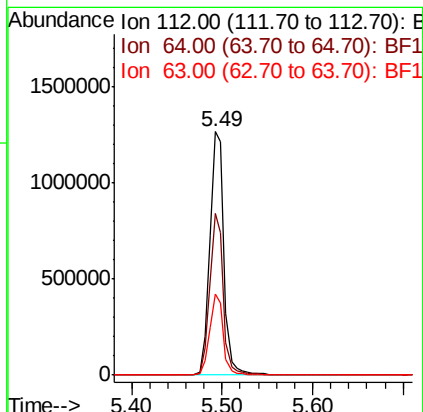
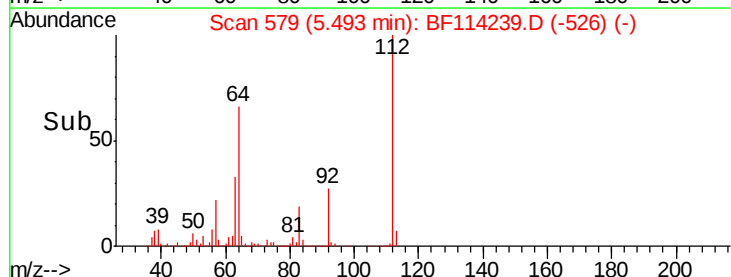
#5

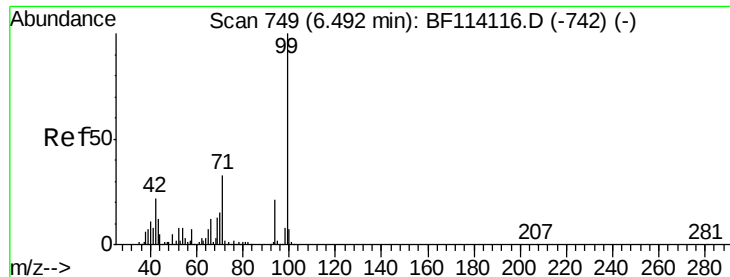
2-Fluorophenol
Concen: 89.943 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Tgt Ion:112 Resp: 1398461
Ion Ratio Lower Upper
112 100
64 66.5 49.0 73.6
63 33.4 24.6 37.0



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: 97.987 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-02

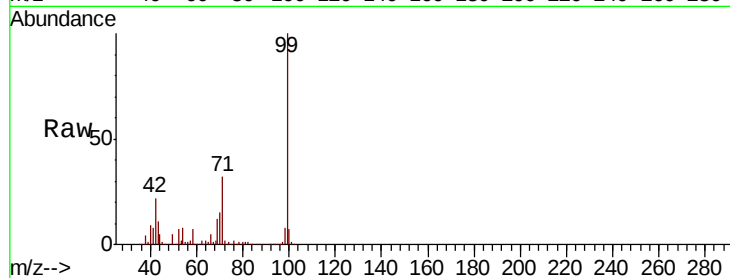
Tot Ion: 99 Resp: 1801943

Ion Ratio Lower Upper

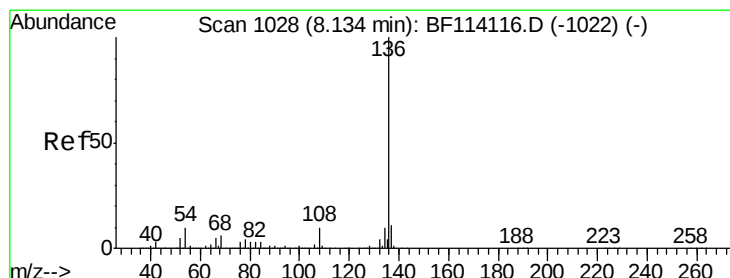
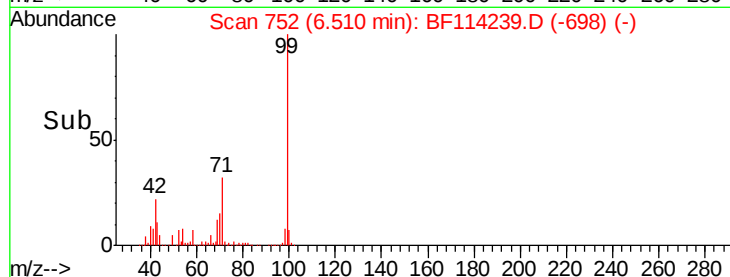
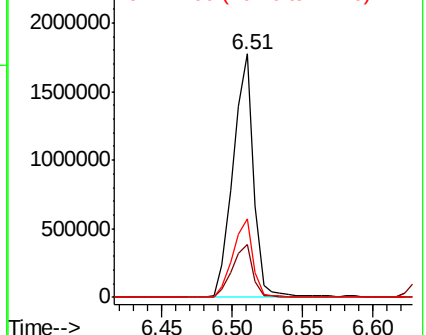
99 100

42 21.7 17.9 26.9

71 32.1 26.2 39.2



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. 0.00 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

Tgt Ion: 136 Resp: 958507

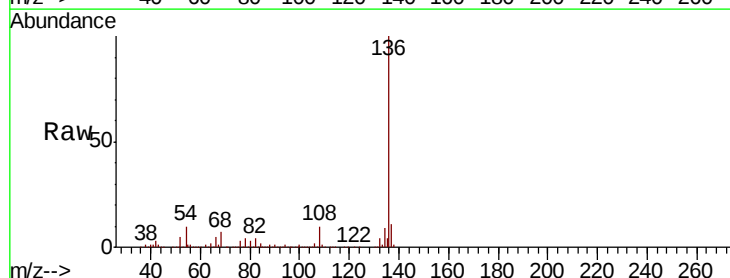
Ion Ratio Lower Upper

136 100

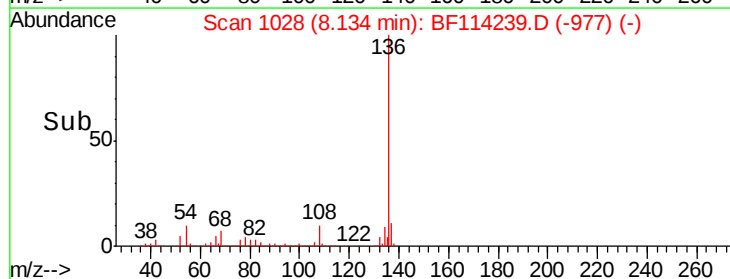
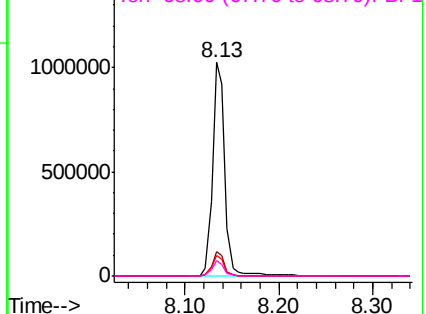
137 11.2 8.8 13.2

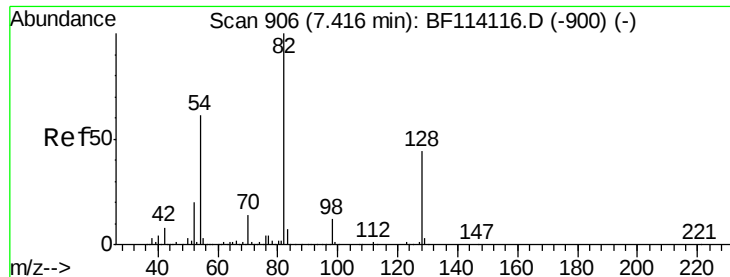
54 9.7 7.8 11.8

68 7.1 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



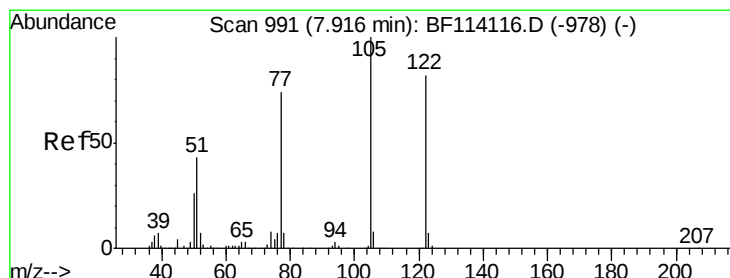
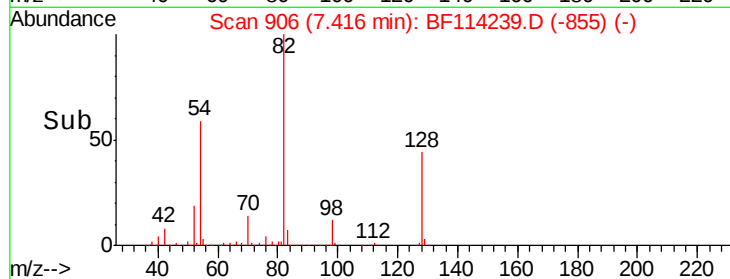
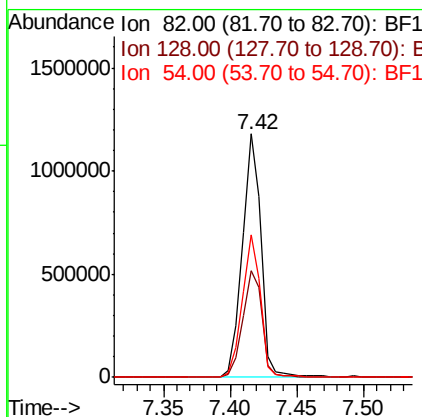
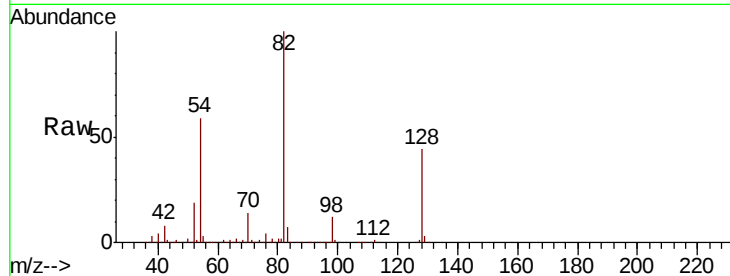


#23
 Nitrobenzene-d5
 Concen: 67.168 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF114239.D
 Acq: 13 May 2019 19:45

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-02

Tot Ion: 82 Resp: 1147197

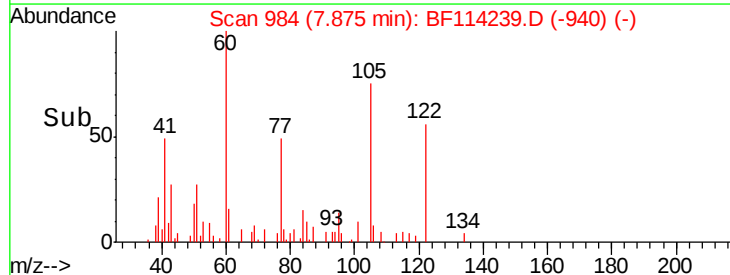
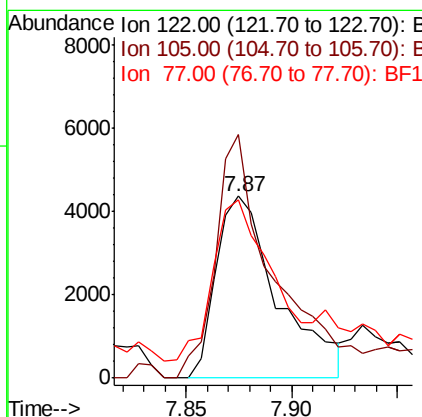
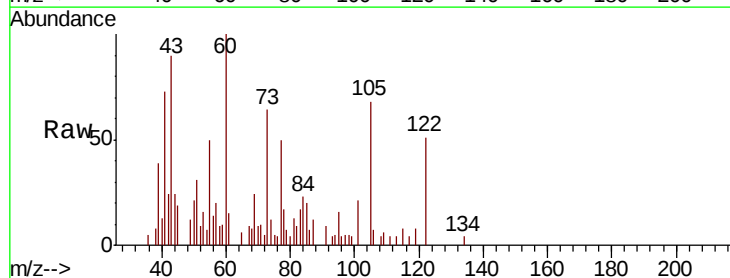
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.5	53.3
54	58.6	48.5	72.7

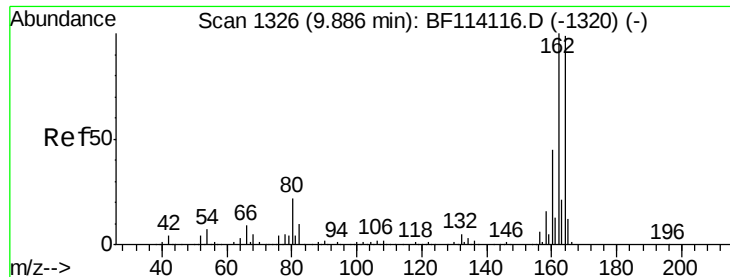


#32
 Benzoic acid
 Concen: 7.826 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.04 min
 Lab File: BF114239.D
 Acq: 13 May 2019 19:45

Tgt Ion: 122 Resp: 8911

Ion	Ratio	Lower	Upper
122	100		
105	134.1	99.9	139.9
77	98.3	69.4	109.4

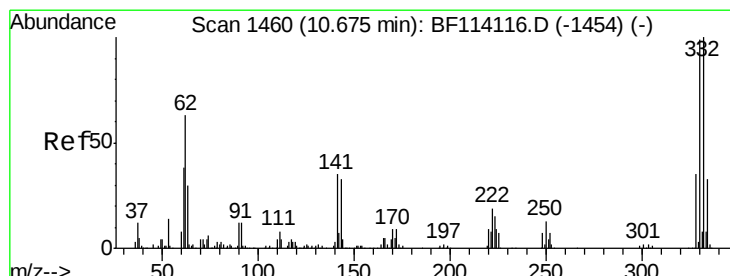
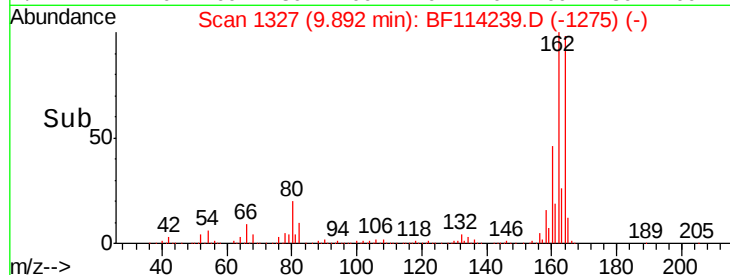
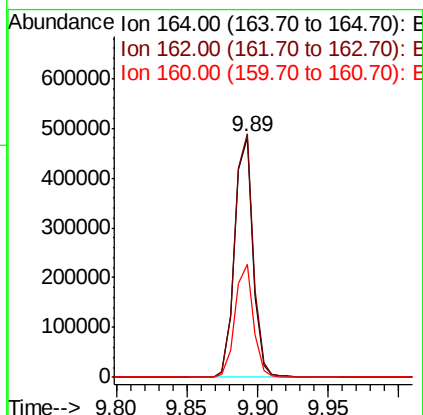
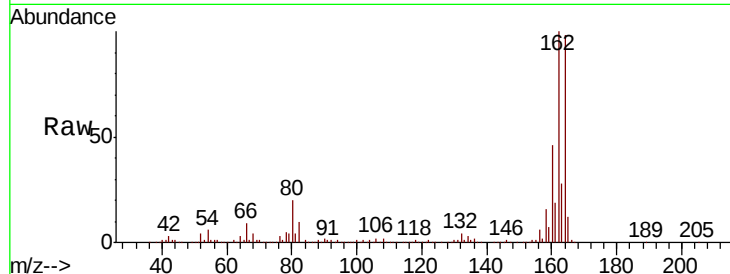




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114239.D
 Acq: 13 May 2019 19:45

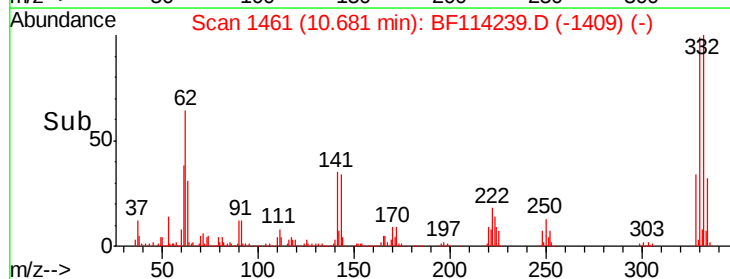
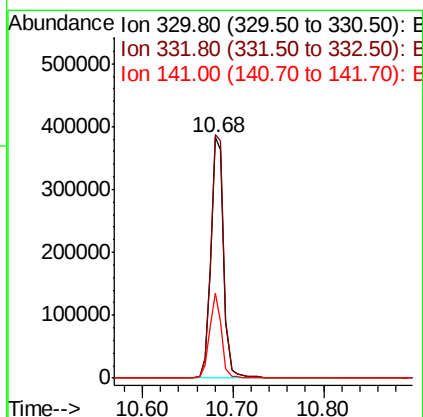
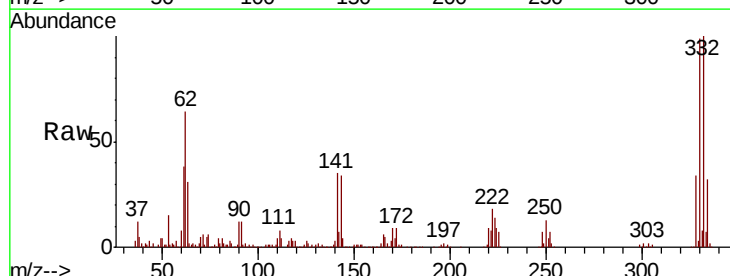
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-02

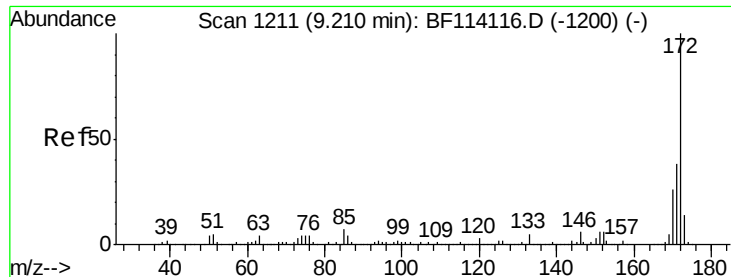
Tot Ion:164 Resp: 437684
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.6 120.8
 160 47.0 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 84.470 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114239.D
 Acq: 13 May 2019 19:45

Tgt Ion:330 Resp: 382220
 Ion Ratio Lower Upper
 330 100
 332 102.4 81.4 122.2
 141 32.8 26.6 40.0

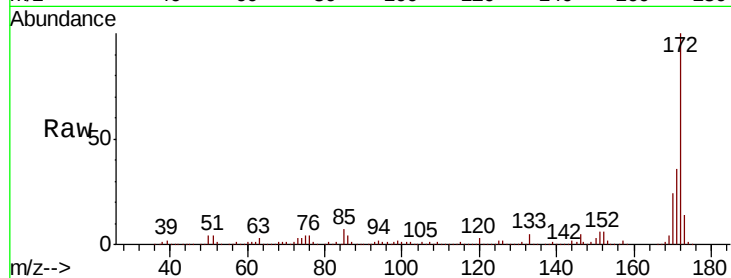




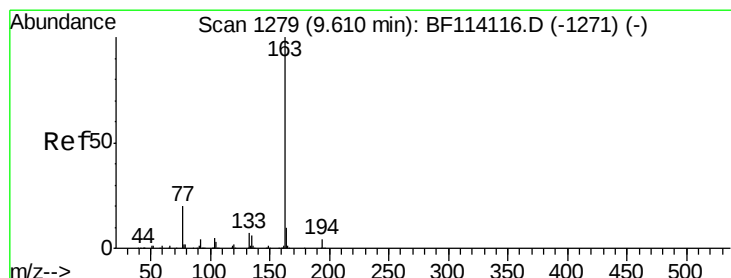
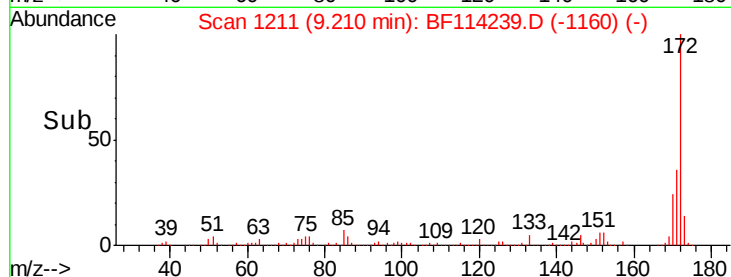
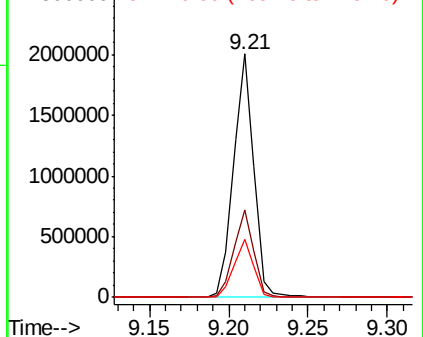
#45
2-Fluorobiphenyl
Concen: 61.338 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-02

Tot Ion:172 Resp: 1774799
Ion Ratio Lower Upper
172 100
171 36.2 30.7 46.1
170 24.0 20.5 30.7

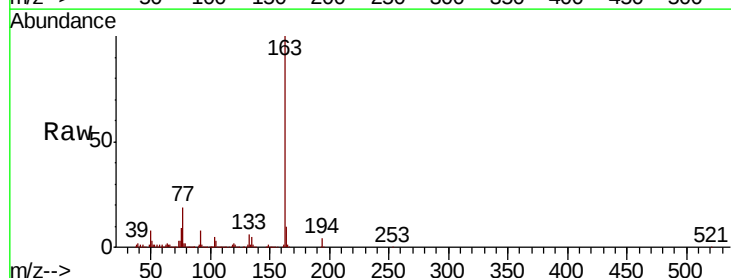


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

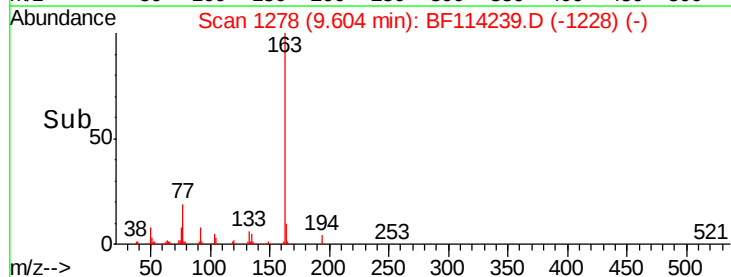
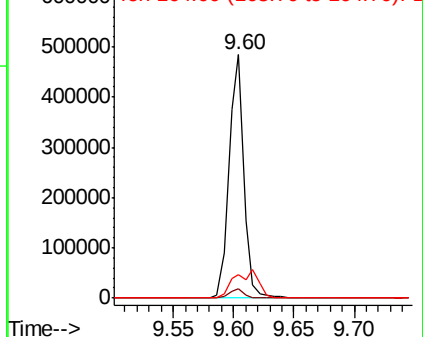


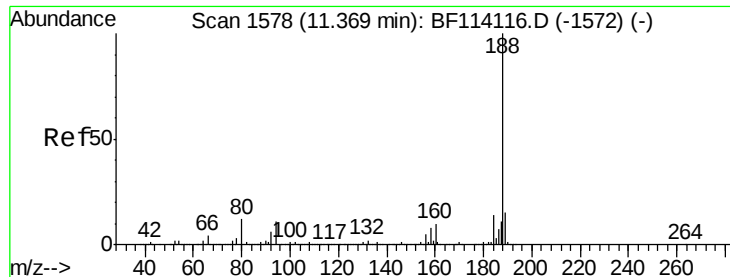
#50
Dimethylphthalate
Concen: 12.807 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Tgt Ion:163 Resp: 411483
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.8 8.2 12.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-02

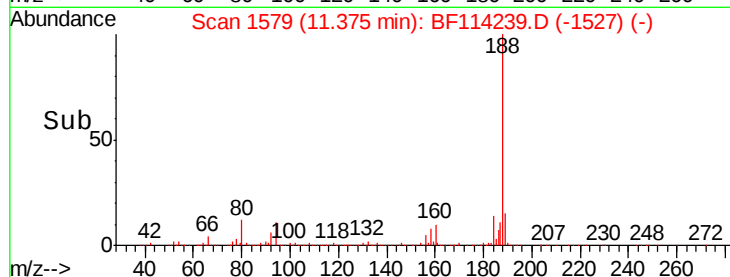
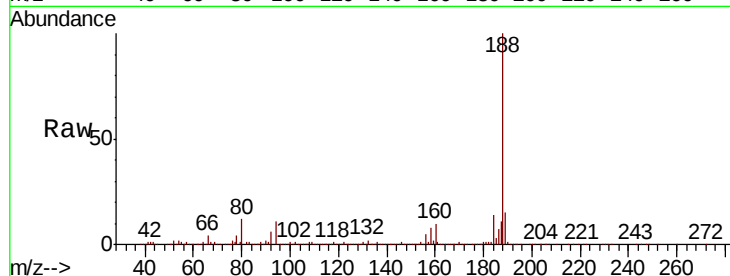
Tot Ion:188 Resp: 770322

Ion Ratio Lower Upper

188 100

94 11.1 8.4 12.6

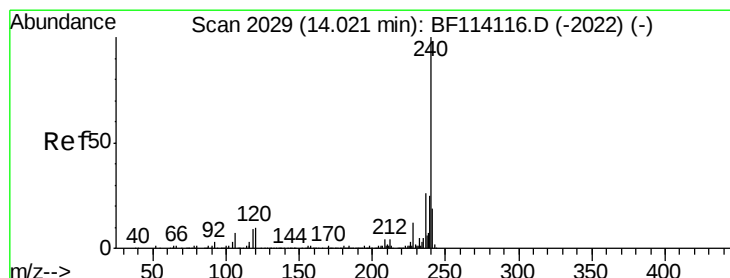
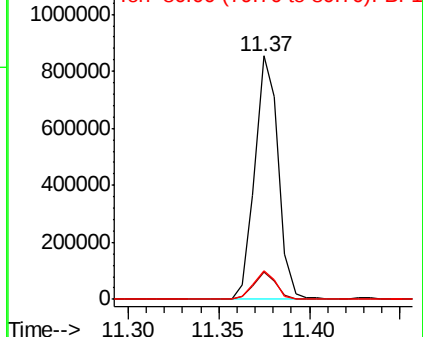
80 11.7 9.2 13.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

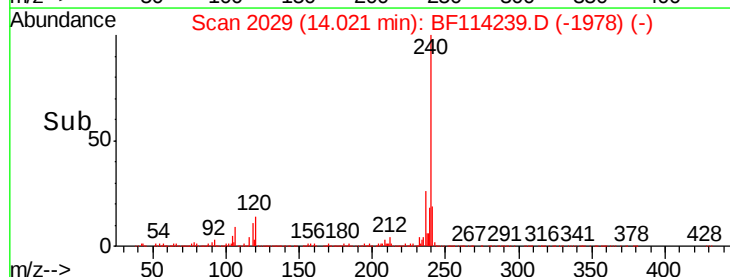
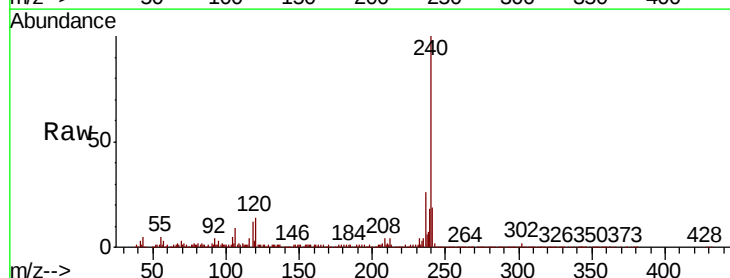
Tgt Ion:240 Resp: 535424

Ion Ratio Lower Upper

240 100

120 14.2 8.3 12.5#

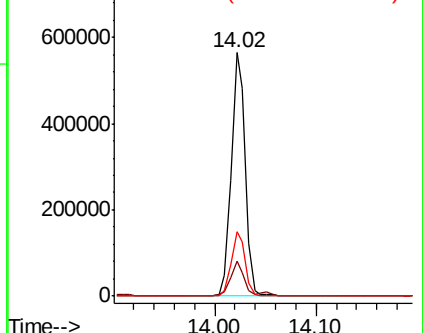
236 26.2 20.8 31.2

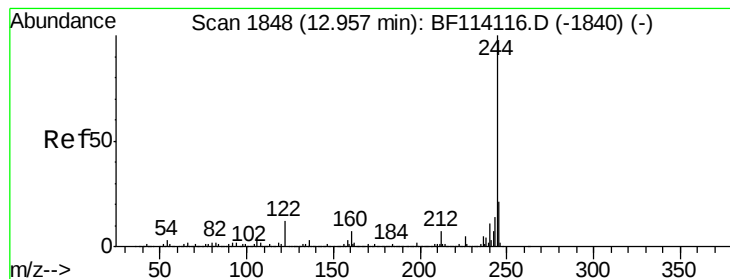


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 53.590 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-02

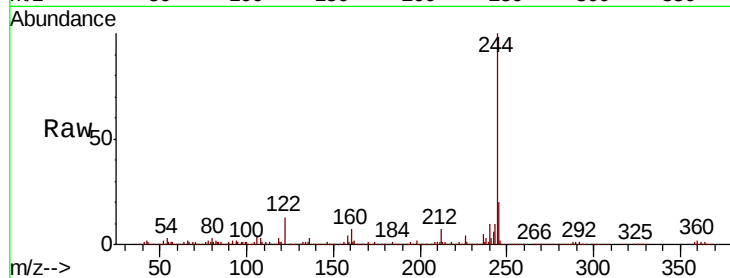
Tot Ion:244 Resp: 1391922

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

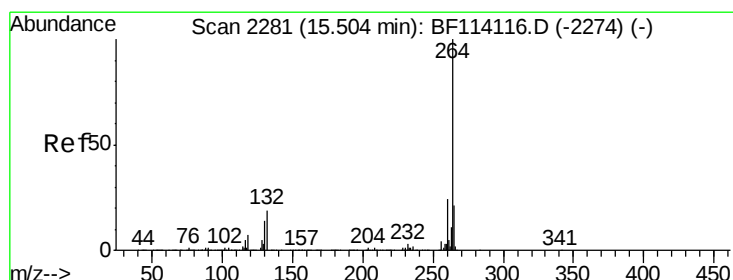
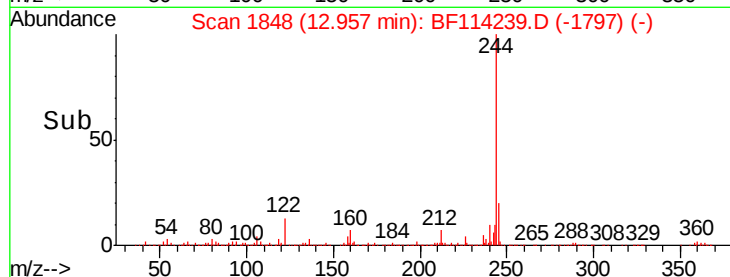
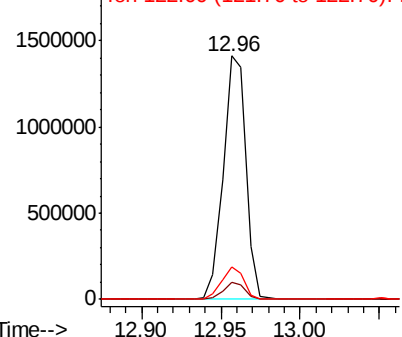
122 13.3 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

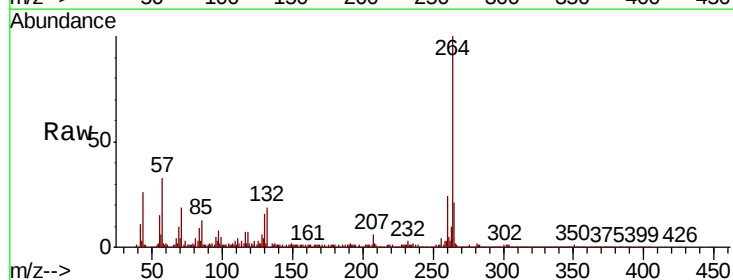
Tgt Ion:264 Resp: 506213

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.4 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

