

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113577.D
 Acq On : 4 Apr 2019 8:12
 Operator : JU/SJ
 Sample : K2230-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-14

Quant Time: Apr 04 09:14:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

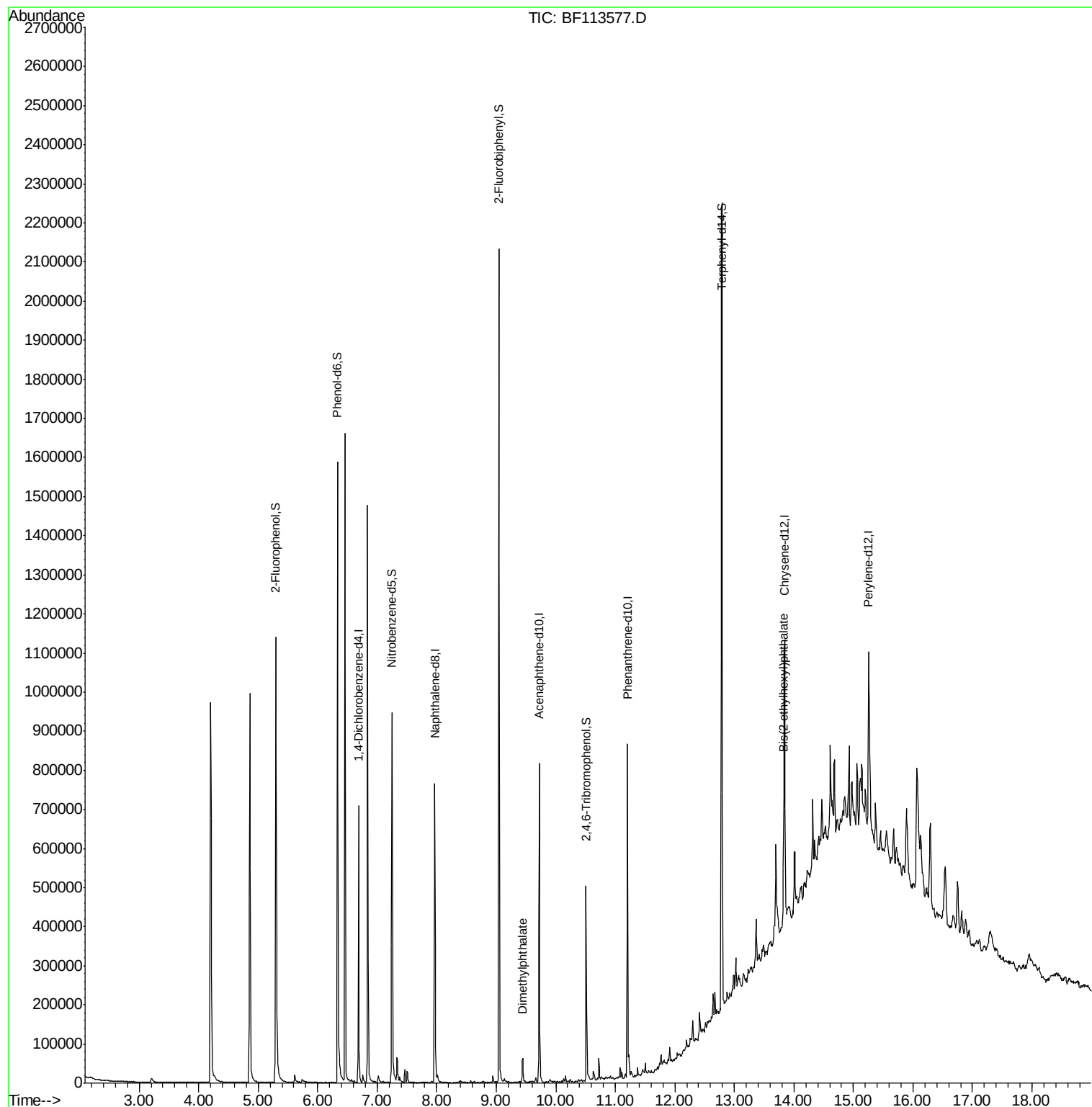
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	107134	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	358169	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	153616	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	320752	20.00	ng	0.00
76) Chrysene-d12	13.84	240	275947	20.00	ng	0.00
87) Perylene-d12	15.26	264	202289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	387021	61.60	ng	0.00
7) Phenol-d6	6.33	99	577588	74.59	ng	0.00
23) Nitrobenzene-d5	7.25	82	336300	55.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	75413	40.87	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	654347	68.58	ng	0.00
79) Terphenyl-d14	12.79	244	798713	58.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	30445	2.689	ng	Qvalue 100
84) Bis(2-ethylhexyl)phthalate	13.83	149	56299	5.448	ng	# 97

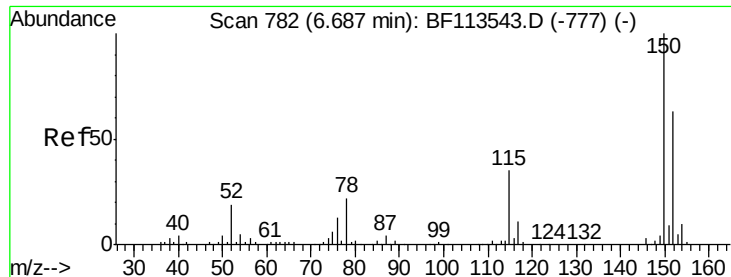
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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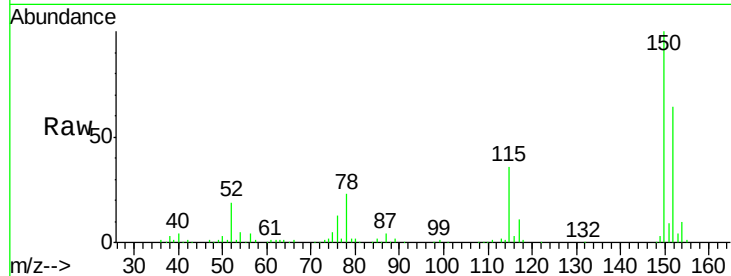


#1

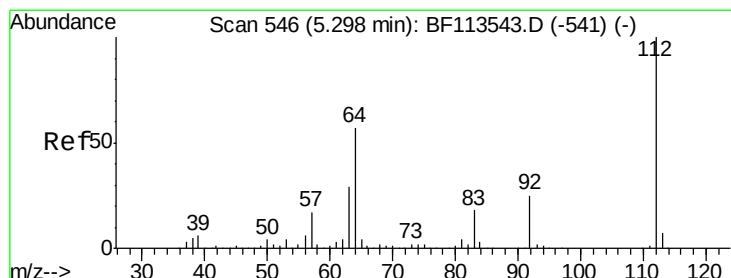
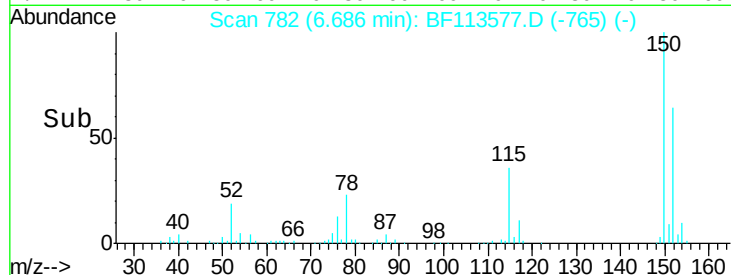
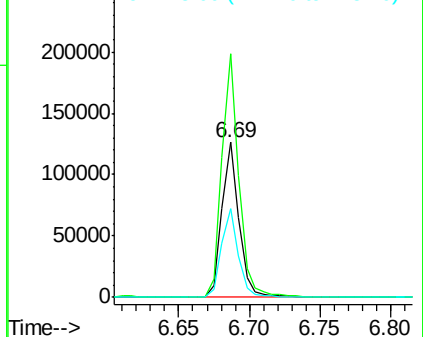
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113577.D
Acq: 4 Apr 2019 8:12

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-14

Tgt Ion:152 Resp: 107134
Ion Ratio Lower Upper
152 100
150 157.3 124.7 187.1
115 57.4 46.0 69.0



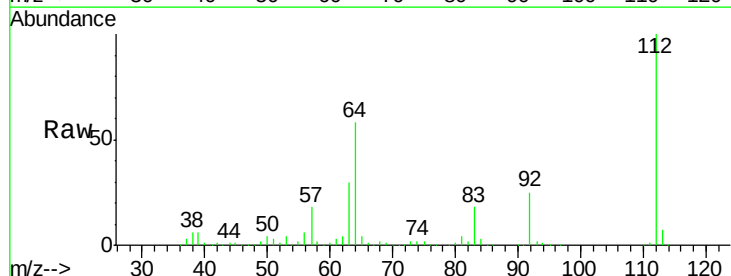
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



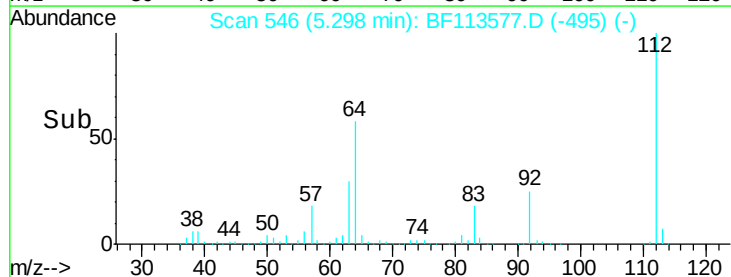
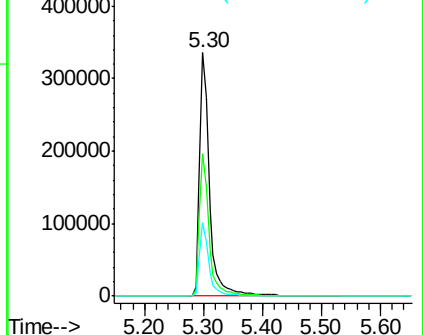
#5

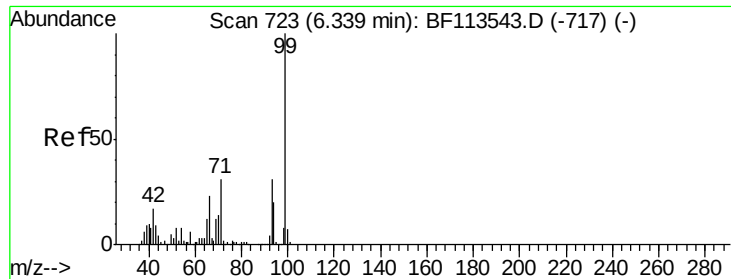
2-Fluorophenol
Concen: 61.601 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113577.D
Acq: 4 Apr 2019 8:12

Tgt Ion:112 Resp: 387021
Ion Ratio Lower Upper
112 100
64 58.3 49.2 73.8
63 30.1 24.9 37.3



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: 74.591 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113577.D

Acq: 4 Apr 2019 8:12

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-14

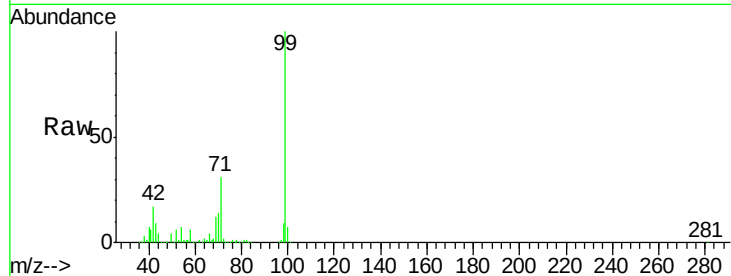
Tgt Ion: 99 Resp: 577588

Ion Ratio Lower Upper

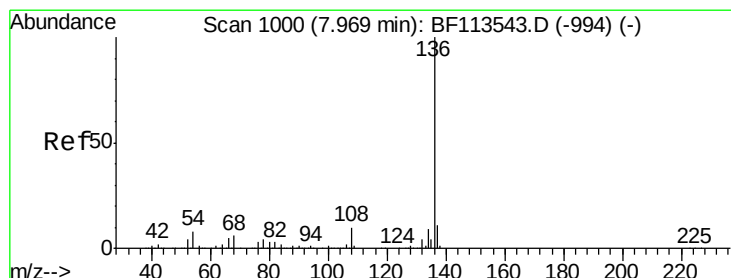
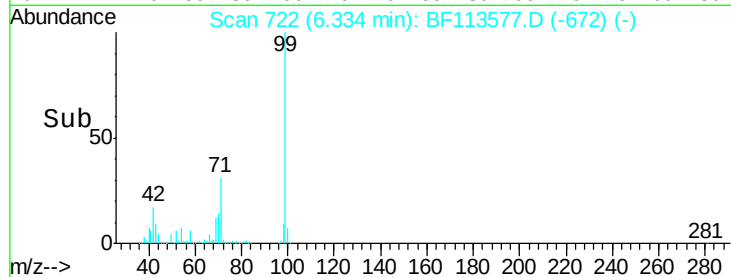
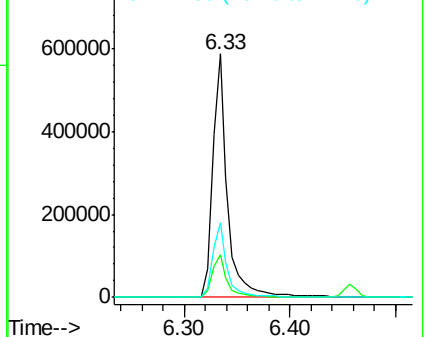
99 100

42 17.4 14.8 22.2

71 30.8 24.9 37.3



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: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113577.D

Acq: 4 Apr 2019 8:12

Tgt Ion: 136 Resp: 358169

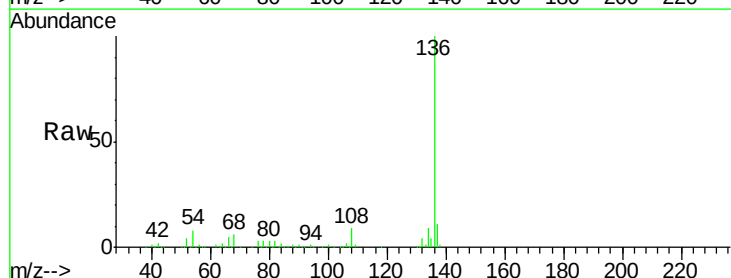
Ion Ratio Lower Upper

136 100

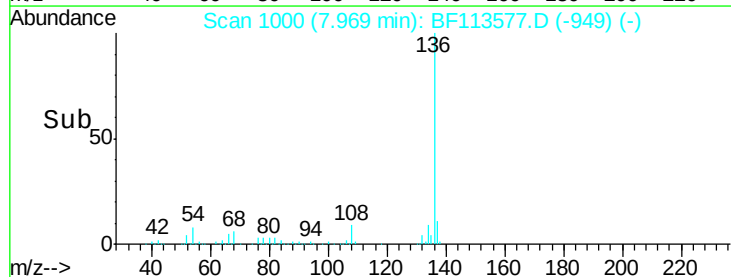
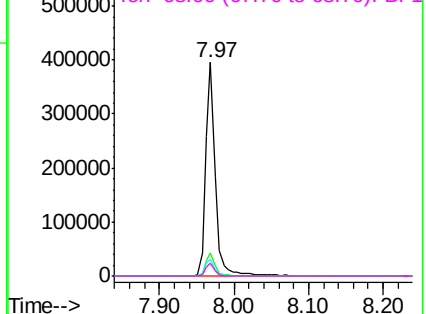
137 10.7 8.9 13.3

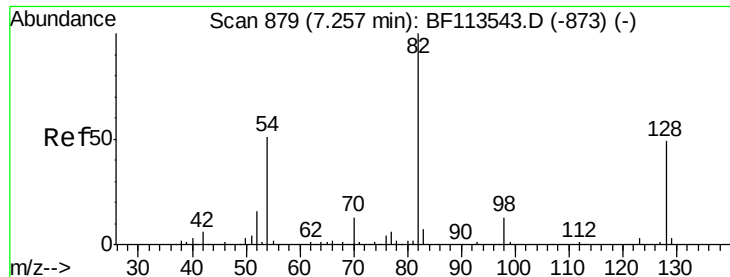
54 7.7 7.0 10.6

68 5.9 4.8 7.2



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

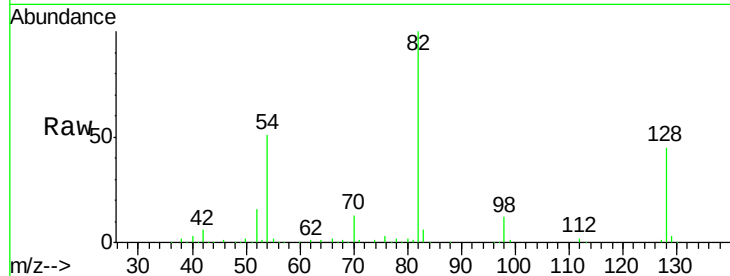




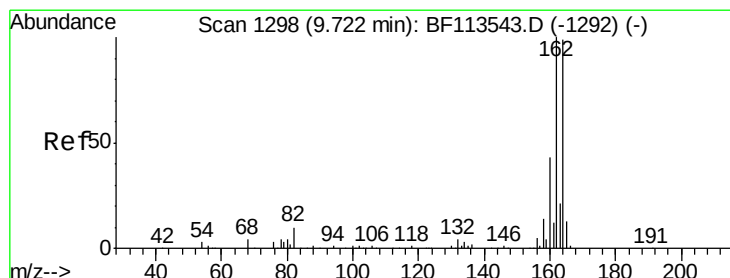
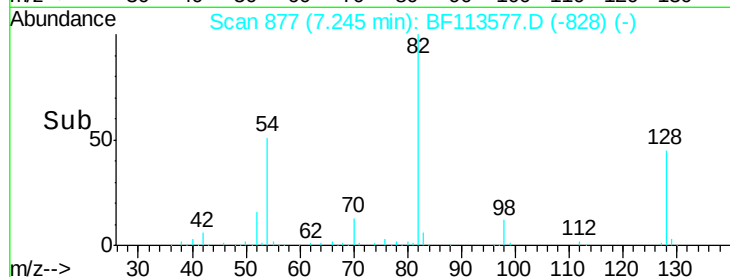
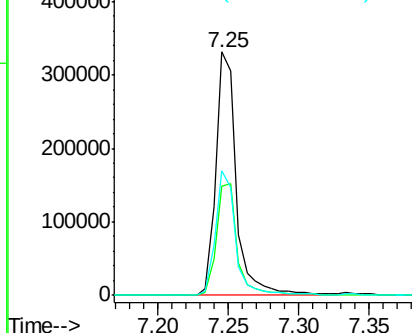
#23
 Nitrobenzene-d5
 Concen: 54.999 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113577.D
 Acq: 4 Apr 2019 8:12

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-14

Tgt Ion: 82 Resp: 336300
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.5 54.7
 54 51.3 42.2 63.2

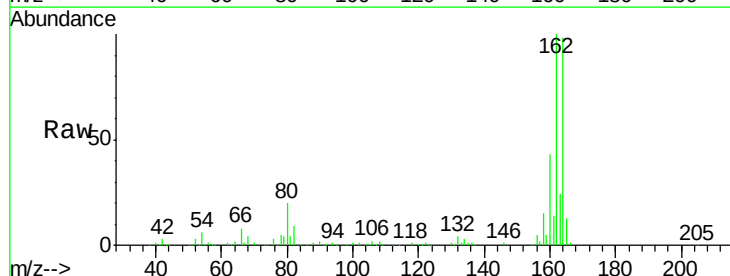


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

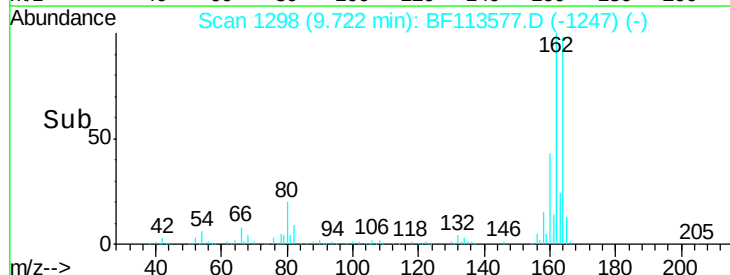
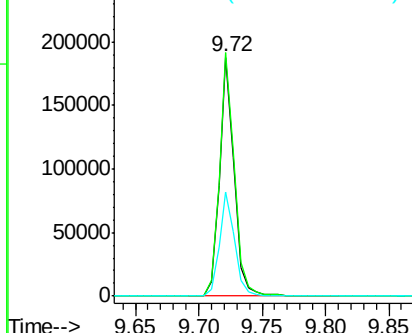


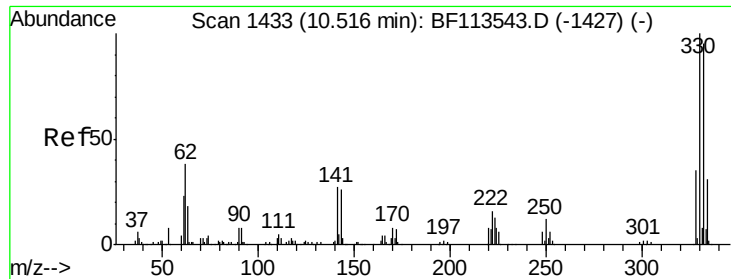
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF113577.D
 Acq: 4 Apr 2019 8:12

Tgt Ion: 164 Resp: 153616
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.8 122.6
 160 43.6 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

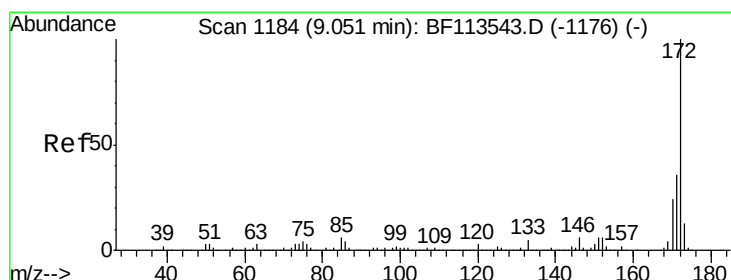
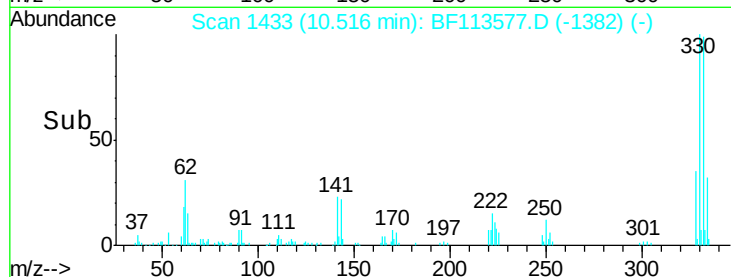
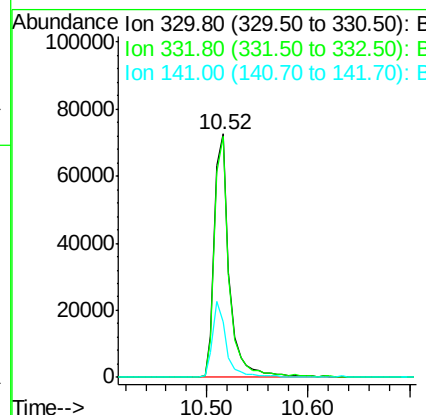
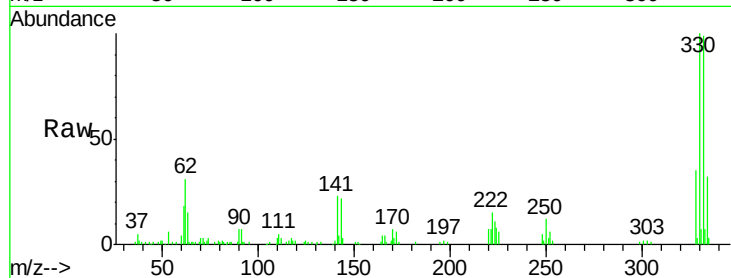




#42
 2,4,6-Tribromophenol
 Concen: 40.868 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF113577.D
 Acq: 4 Apr 2019 8:12

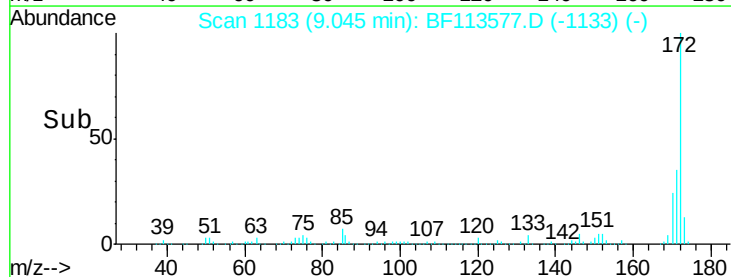
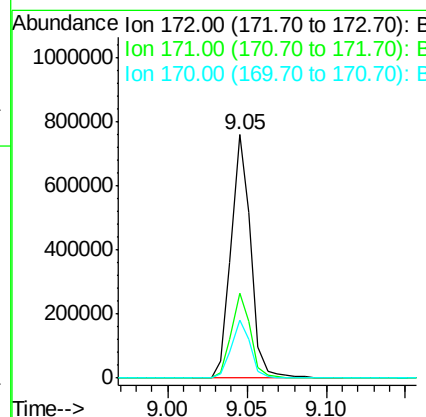
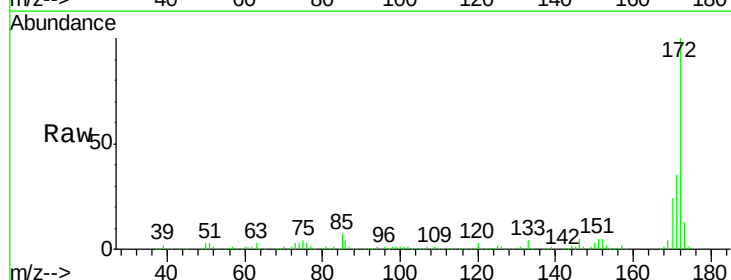
Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-14

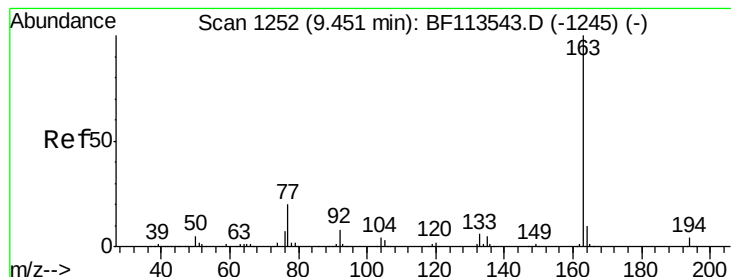
Tgt Ion:330 Resp: 75413
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.8 116.6
 141 28.5 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 68.575 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113577.D
 Acq: 4 Apr 2019 8:12

Tgt Ion:172 Resp: 654347
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.0 43.6
 170 23.7 19.5 29.3





#50

Dimethylphthalate

Concen: 2.689 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113577.D

Acq: 4 Apr 2019 8:12

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-14

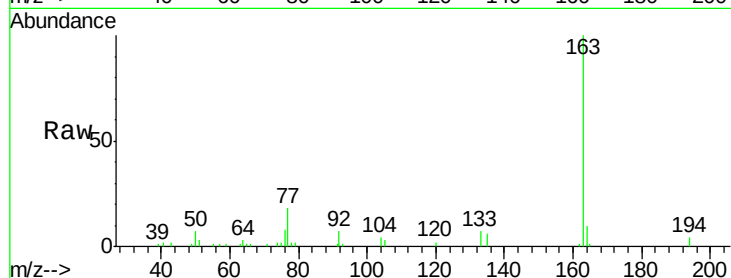
Tgt Ion:163 Resp: 30445

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

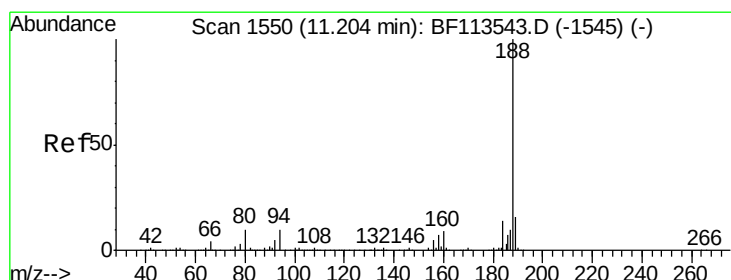
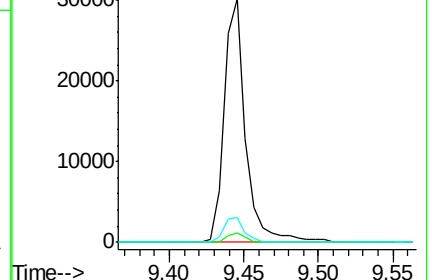
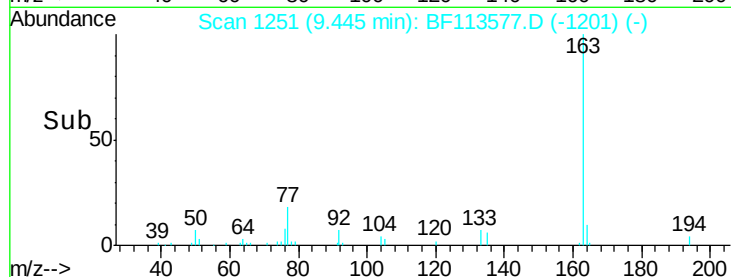
164 10.0 8.1 12.1



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: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF113577.D

Acq: 4 Apr 2019 8:12

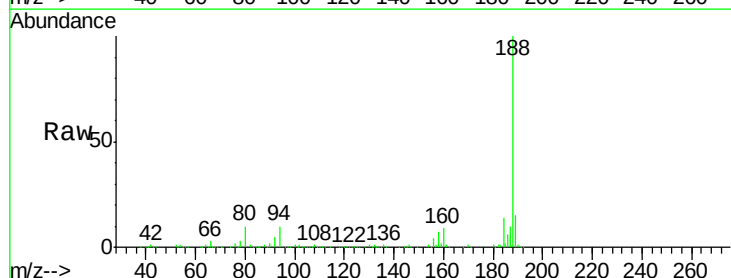
Tgt Ion:188 Resp: 320752

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

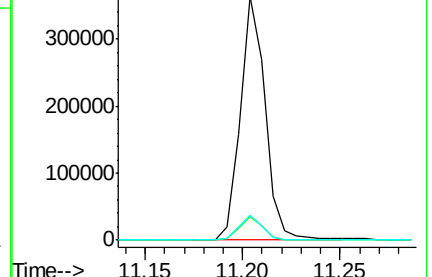
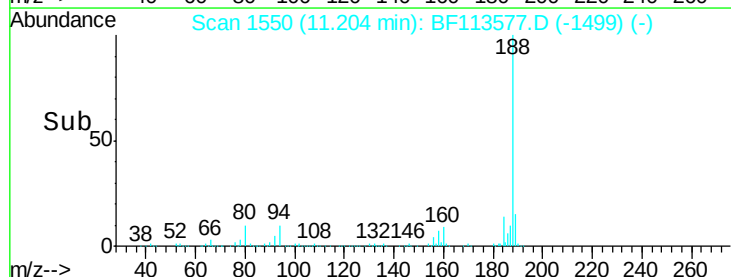
80 10.1 7.7 11.5

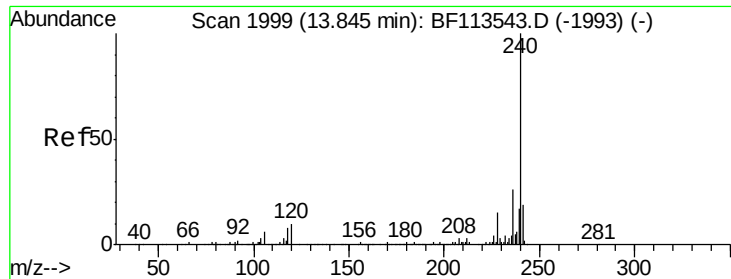


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF113577.D

Acq: 4 Apr 2019 8:12

Instrument :

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ClientSampleId :

RICH-REC-ROAD-STONE-14

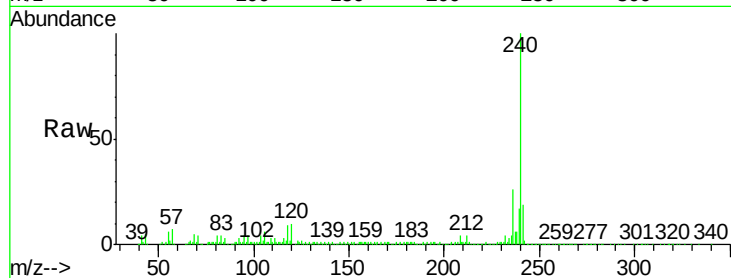
Tgt Ion:240 Resp: 275947

Ion Ratio Lower Upper

240 100

120 10.0 8.8 13.2

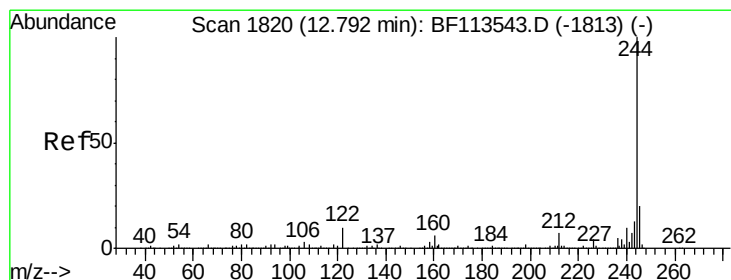
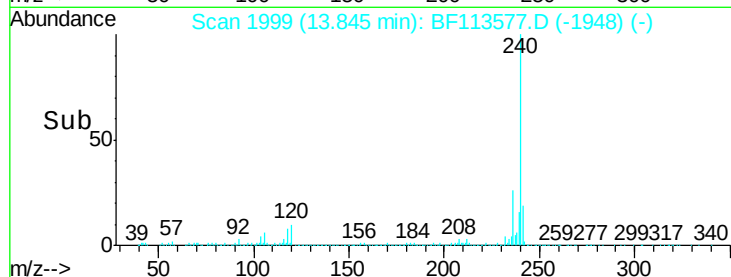
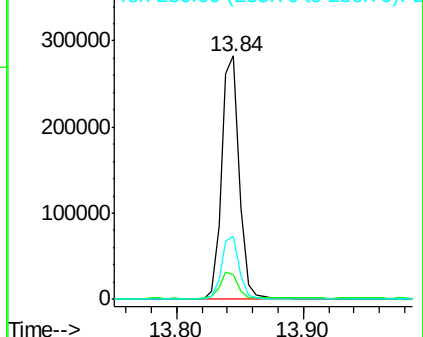
236 26.0 20.9 31.3



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: 58.931 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113577.D

Acq: 4 Apr 2019 8:12

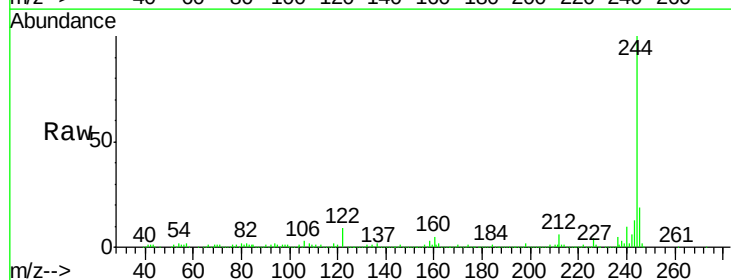
Tgt Ion:244 Resp: 798713

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

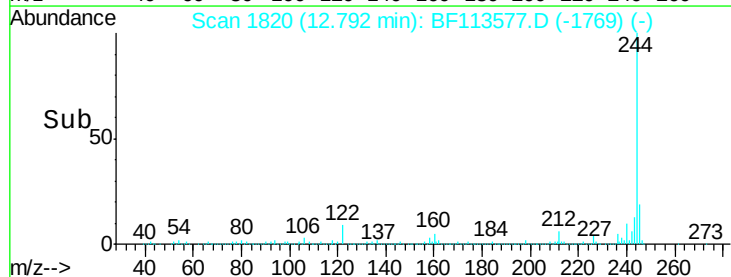
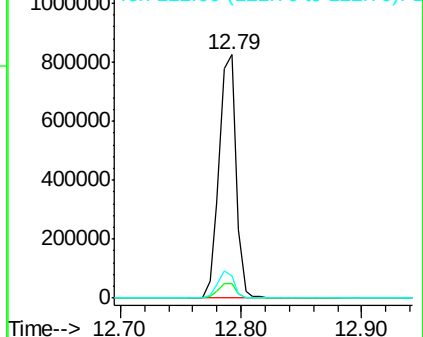
122 9.2 8.6 13.0

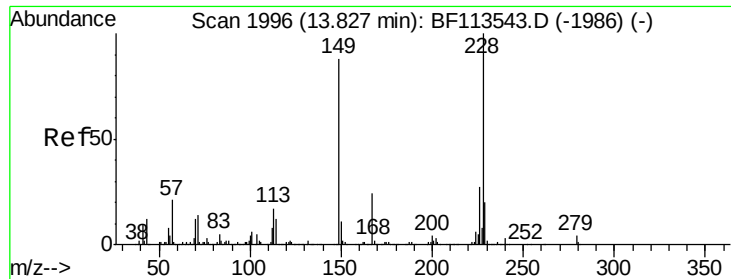


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.448 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113577.D

Acq: 4 Apr 2019 8:12

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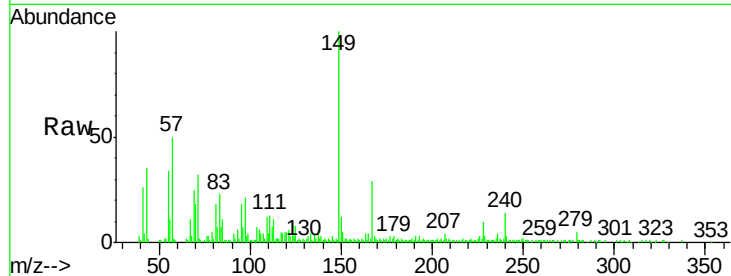
Tgt Ion:149 Resp: 56299

Ion Ratio Lower Upper

149 100

167 28.7 21.8 32.8

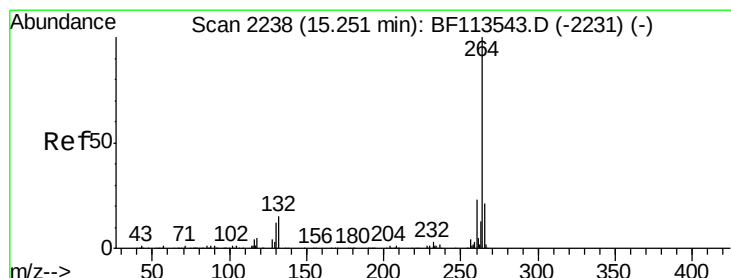
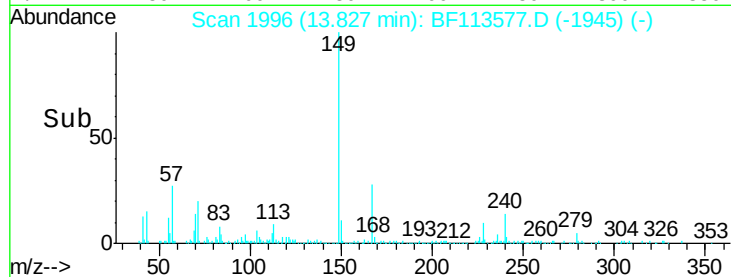
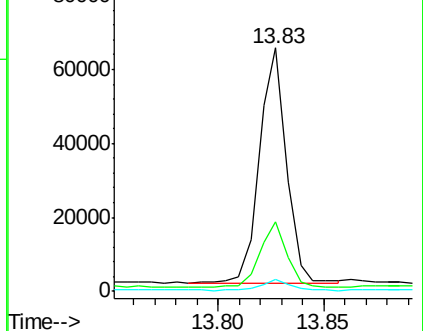
279 4.9 2.9 4.3#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF113577.D

Acq: 4 Apr 2019 8:12

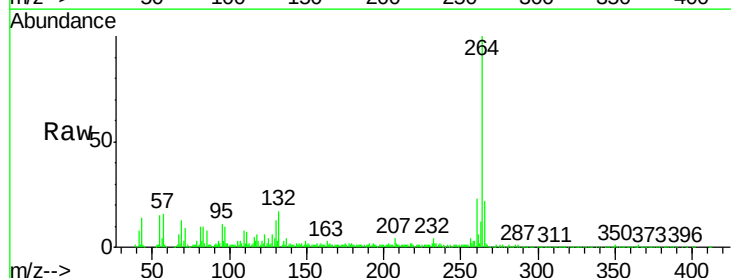
Tgt Ion:264 Resp: 202289

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.7 17.1 25.7



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

