

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114332.D
 Acq On : 17 May 2019 2:23
 Operator : JU/SJ
 Sample : K2867-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-H

Quant Time: May 17 08:39:28 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

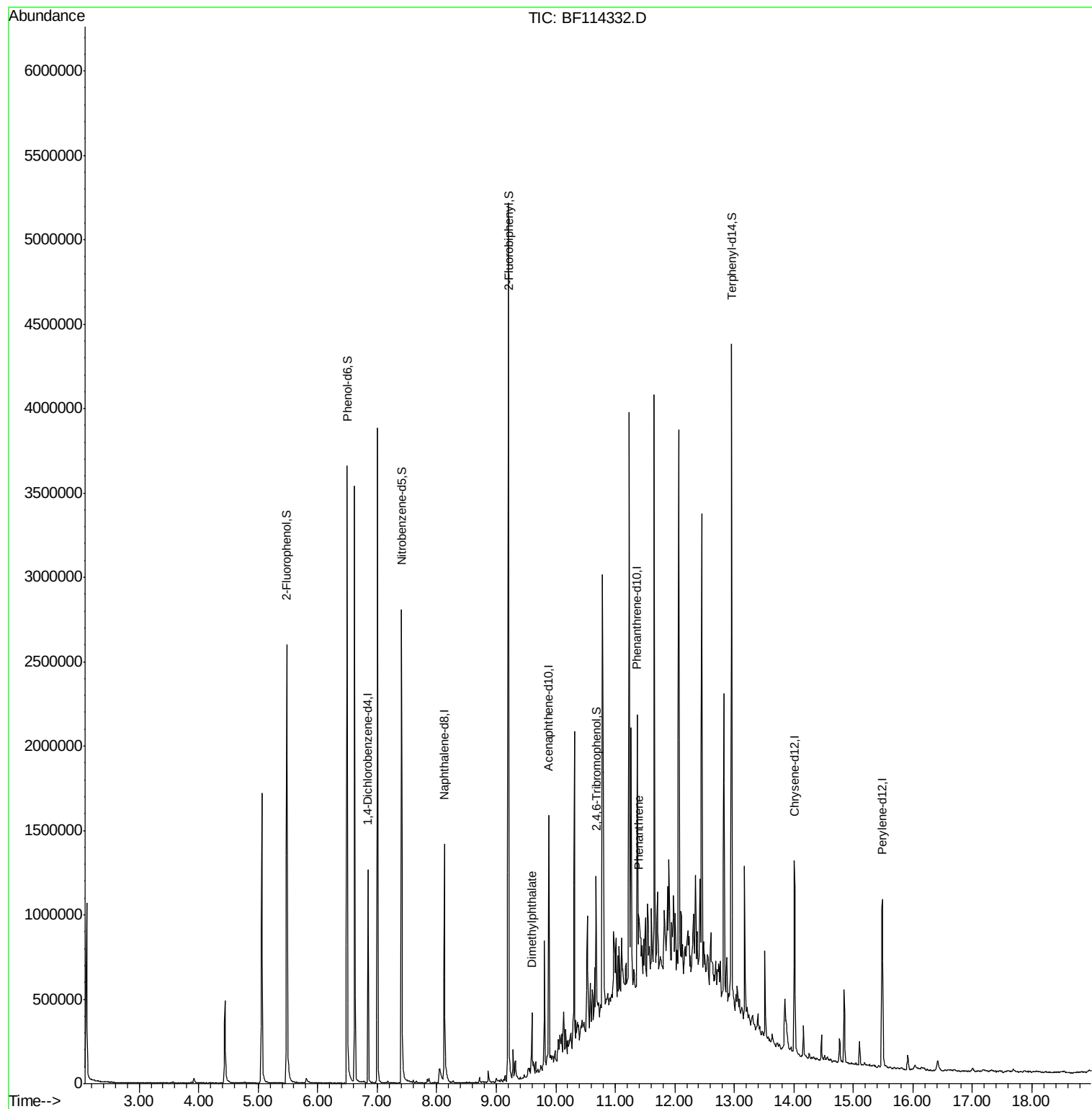
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	184634	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	705546	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	313762	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	549911	20.00	ng	0.00
76) Chrysene-d12	14.01	240	403468	20.00	ng	-0.01
87) Perylene-d12	15.49	264	469592	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	755437	65.84	ng	0.00
7) Phenol-d6	6.49	99	1268824	93.50	ng	0.00
23) Nitrobenzene-d5	7.41	82	897211	71.37	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	109022	33.61	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1615269	77.87	ng	0.00
79) Terphenyl-d14	12.95	244	1348729	68.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	127260	5.525	ng	98
71) Phenanthrene	11.39	178	142389	5.322	ng	98

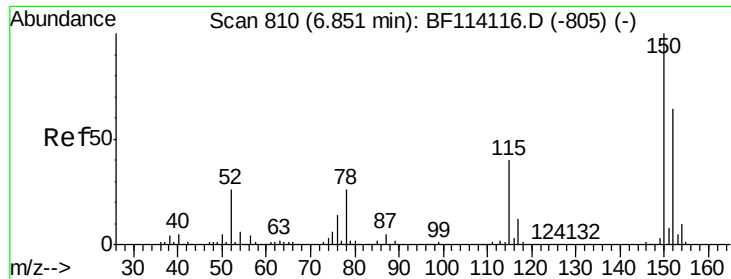
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 08:39:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF114332.D

Acq: 17 May 2019 2:23

Instrument :

BNA_F

ClientSampleId :

CONCRETE-H

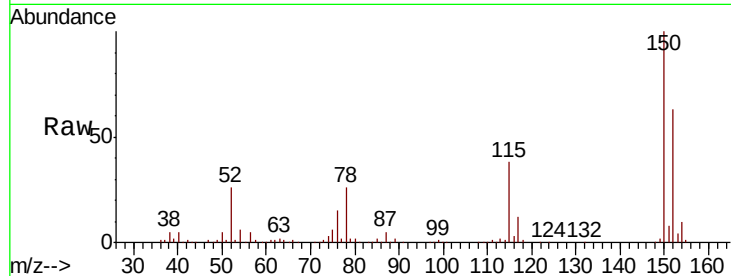
Tot Ion:152 Resp: 184634

Ion Ratio Lower Upper

152 100

150 158.2 124.3 186.5

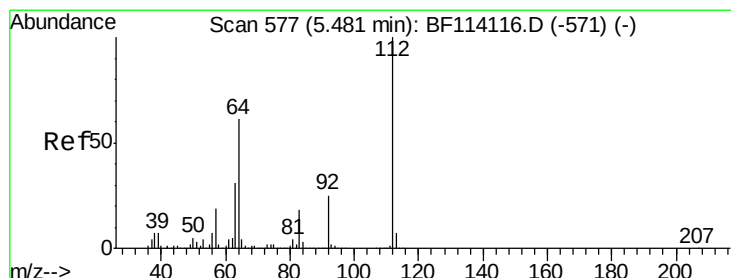
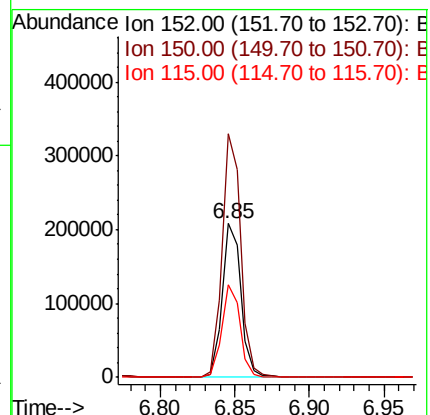
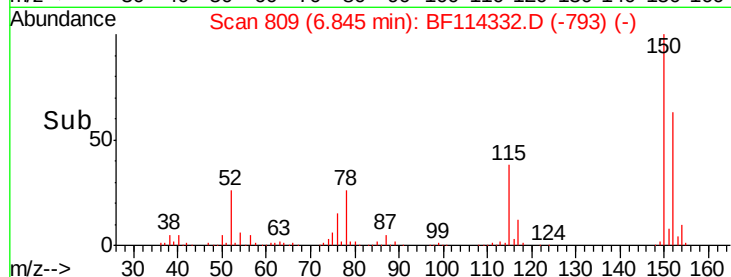
115 59.9 49.1 73.7



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: 65.844 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114332.D

Acq: 17 May 2019 2:23

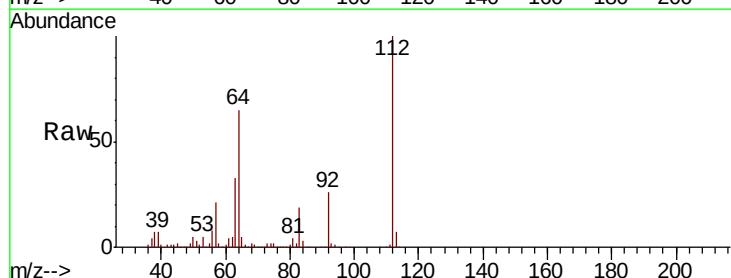
Tgt Ion:112 Resp: 755437

Ion Ratio Lower Upper

112 100

64 65.0 49.0 73.6

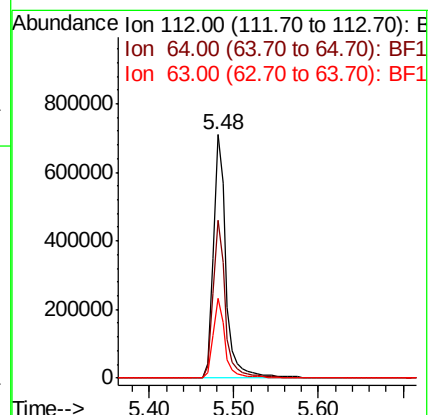
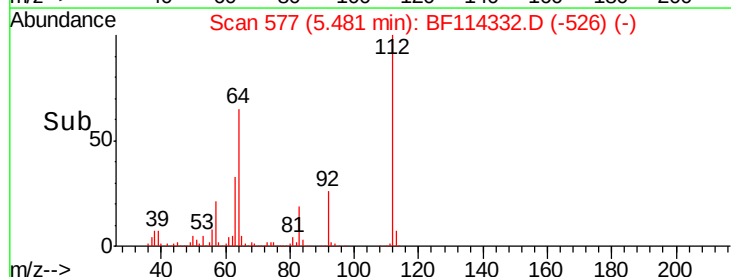
63 32.9 24.6 37.0

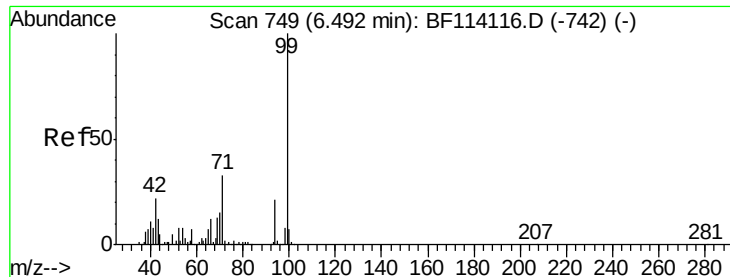


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.504 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114332.D

Acq: 17 May 2019 2:23

Instrument :

BNA_F

ClientSampleId :

CONCRETE-H

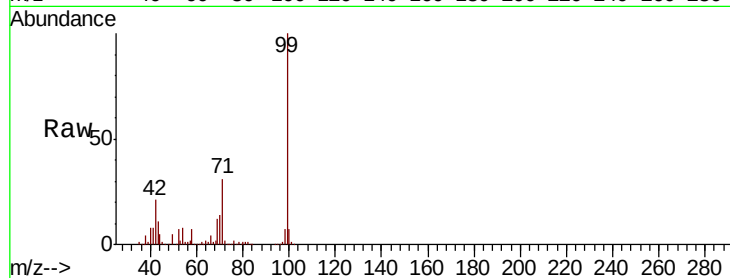
Tot Ion: 99 Resp: 1268824

Ion Ratio Lower Upper

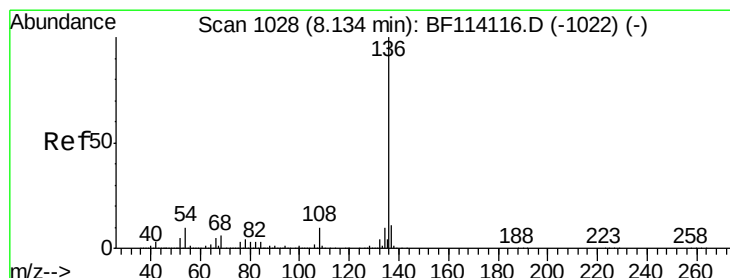
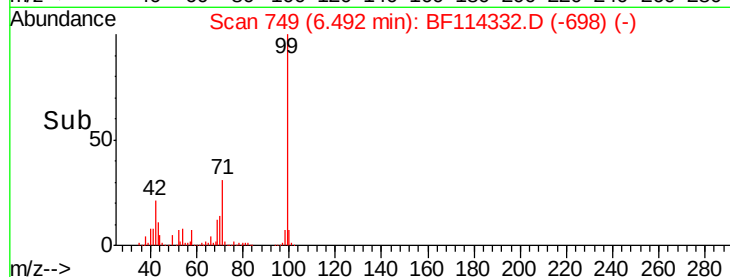
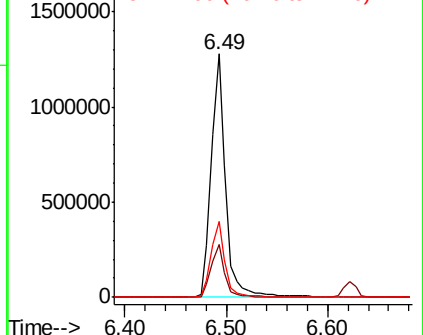
99 100

42 21.5 17.9 26.9

71 31.4 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# 1027

Delta R.T. -0.01 min

Lab File: BF114332.D

Acq: 17 May 2019 2:23

Tgt Ion: 136 Resp: 705546

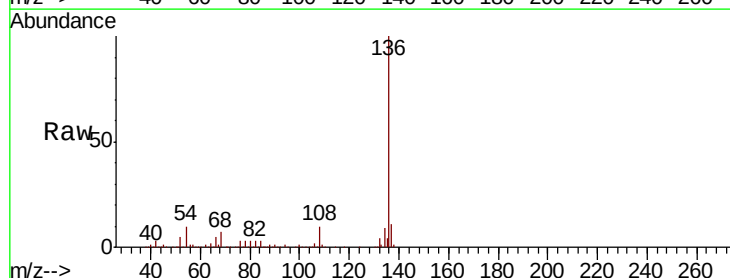
Ion Ratio Lower Upper

136 100

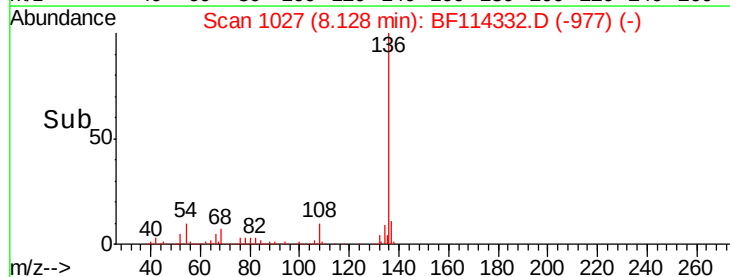
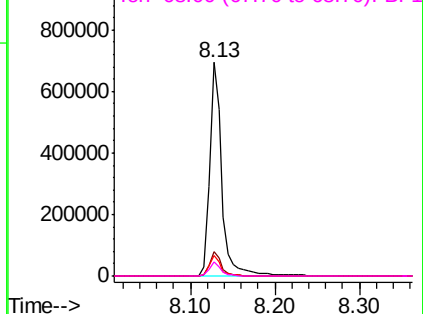
137 11.3 8.8 13.2

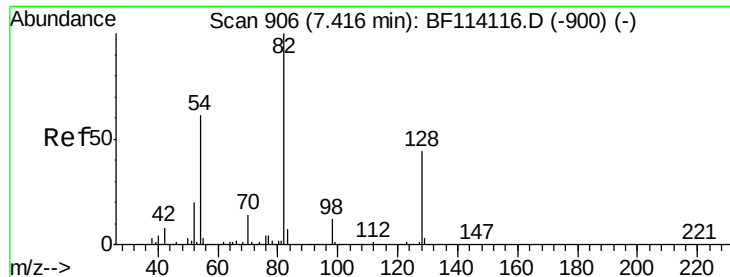
54 9.6 7.8 11.8

68 6.8 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

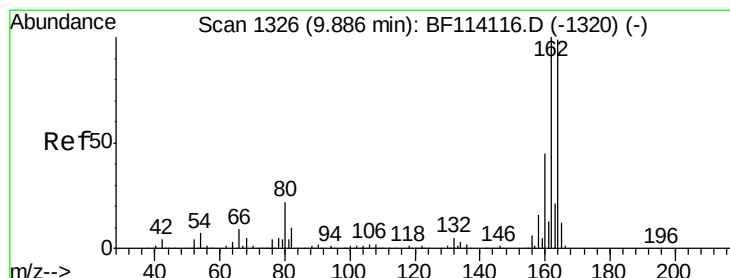
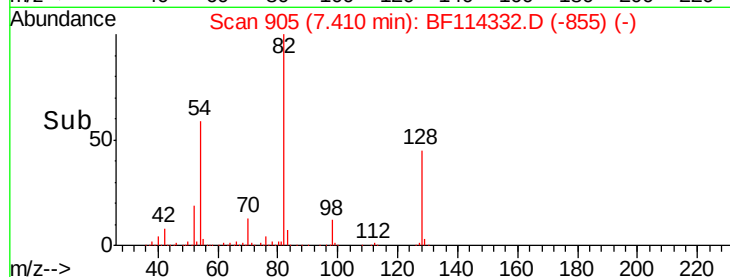
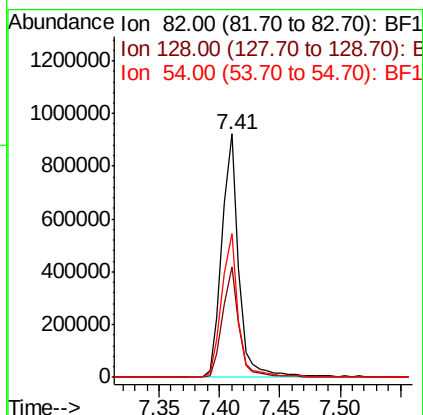
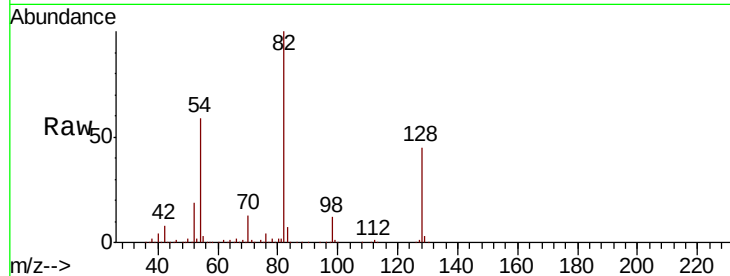




#23
 Nitrobenzene-d5
 Concen: 71.365 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114332.D
 Acq: 17 May 2019 2:23

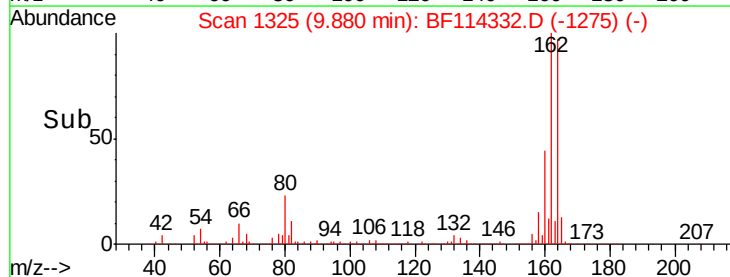
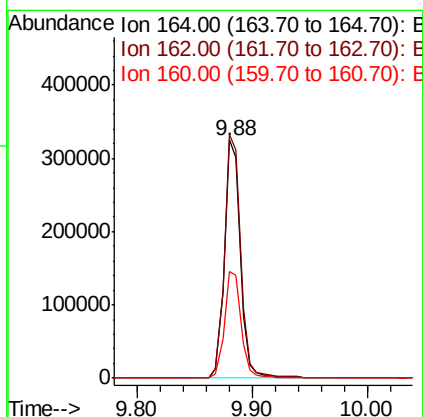
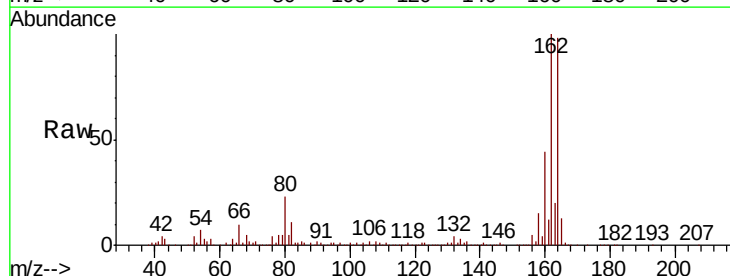
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-H

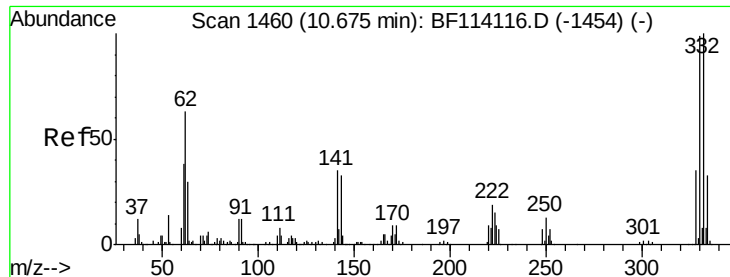
Tot Ion	82	Resp	897211
Ion Ratio	Lower	Upper	
82	100		
128	45.5	35.5	53.3
54	59.2	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114332.D
 Acq: 17 May 2019 2:23

Tgt Ion	164	Resp	313762
Ion Ratio	Lower	Upper	
164	100		
162	102.1	80.6	120.8
160	44.9	36.5	54.7

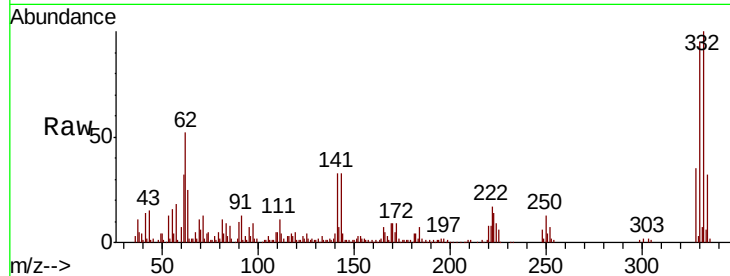




#42
 2,4,6-Tribromophenol
 Concen: 33.610 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114332.D
 Acq: 17 May 2019 2:23

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-H

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.6	81.4	122.2
141	34.8	26.6	40.0

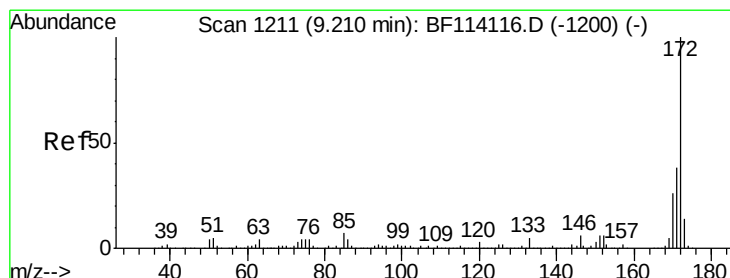
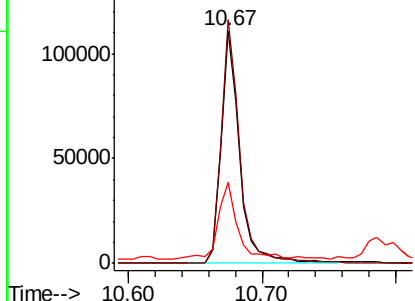
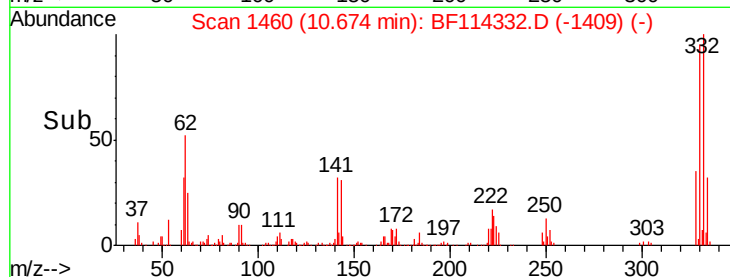


Abundance

Ion 329.80 (329.50 to 330.50): E

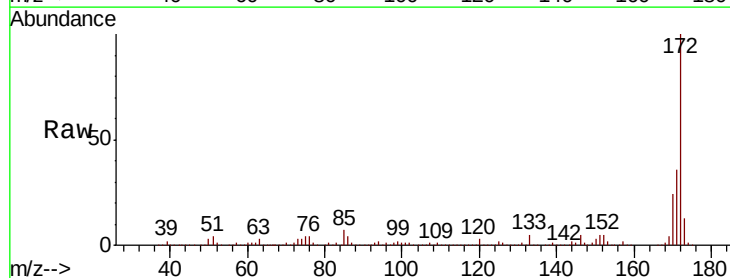
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.873 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114332.D
 Acq: 17 May 2019 2:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.7	46.1
170	23.6	20.5	30.7

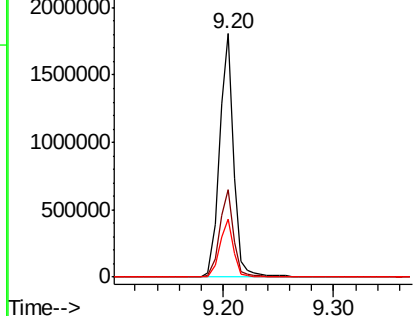
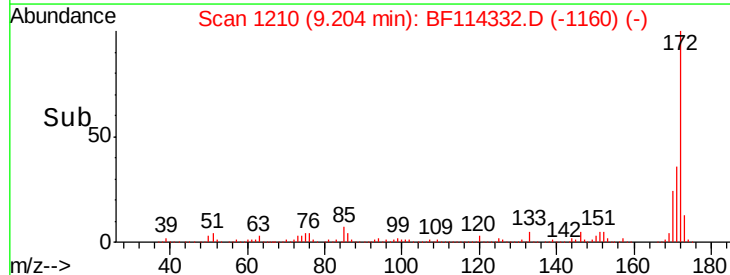


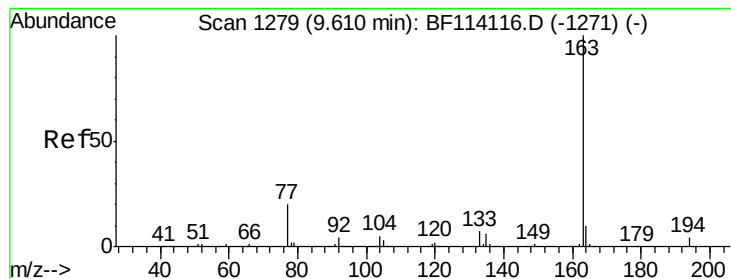
Abundance

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: 5.525 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114332.D

Acq: 17 May 2019 2:23

Instrument :

BNA_F

ClientSampleId :

CONCRETE-H

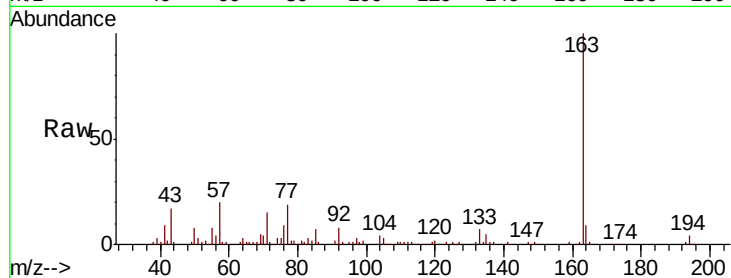
Tot Ion:163 Resp: 127260

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

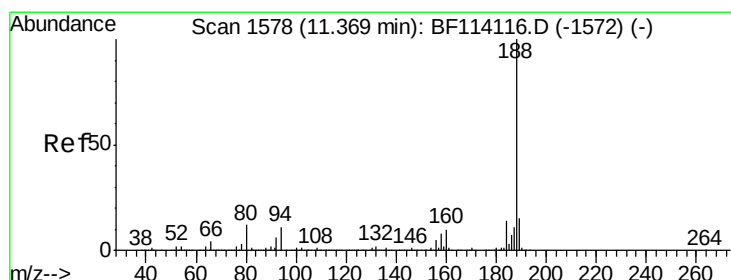
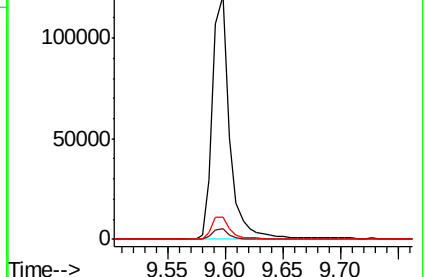
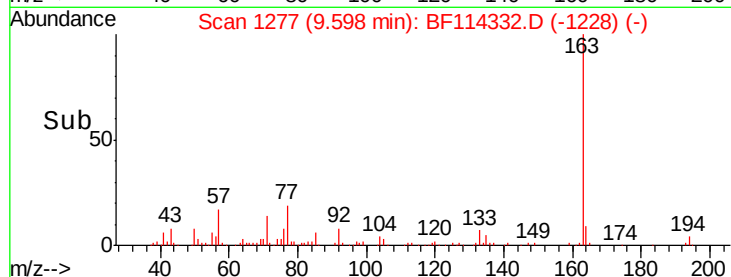
164 9.0 8.2 12.2



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# 1578

Delta R.T. -0.00 min

Lab File: BF114332.D

Acq: 17 May 2019 2:23

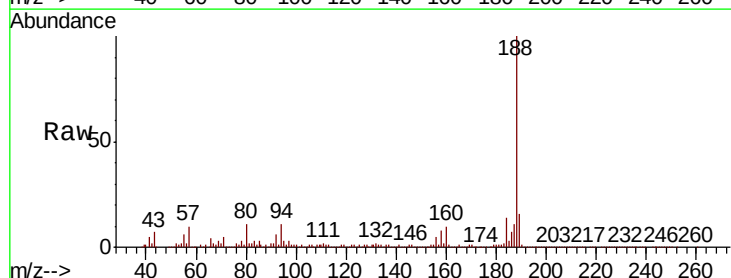
Tgt Ion:188 Resp: 549911

Ion Ratio Lower Upper

188 100

94 11.0 8.4 12.6

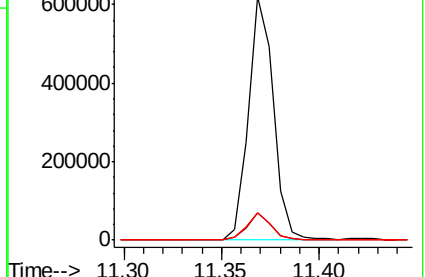
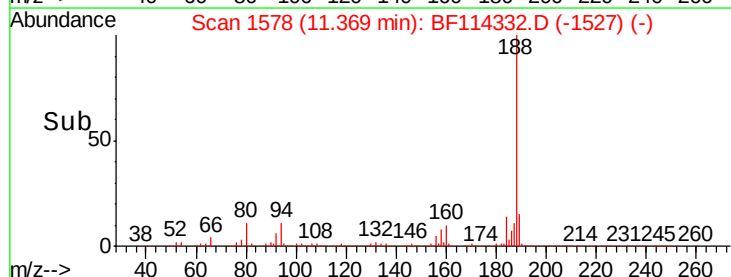
80 11.3 9.2 13.8

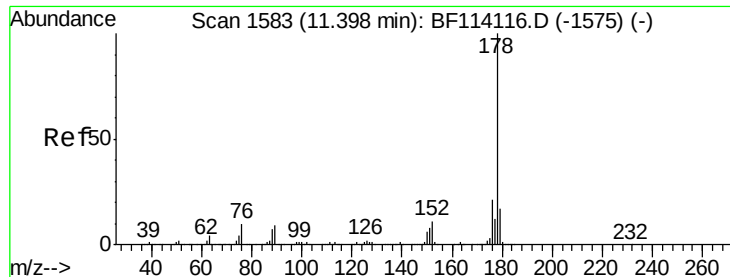


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 5.322 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF114332.D

Acq: 17 May 2019 2:23

Instrument :

BNA_F

ClientSampleId :

CONCRETE-H

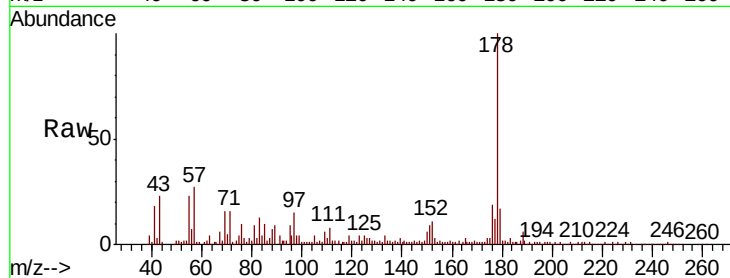
Tot Ion:178 Resp: 142389

Ion Ratio Lower Upper

178 100

176 19.3 16.4 24.6

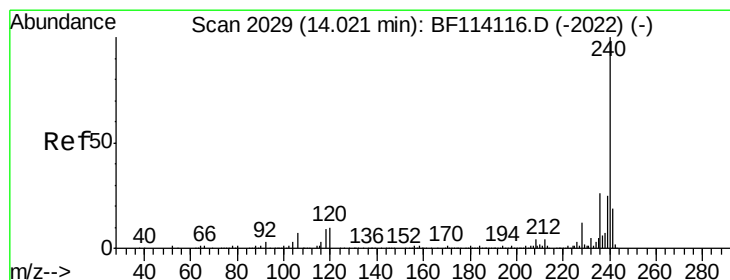
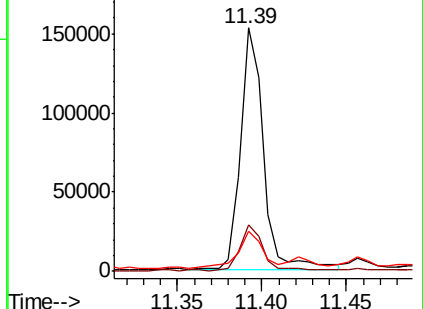
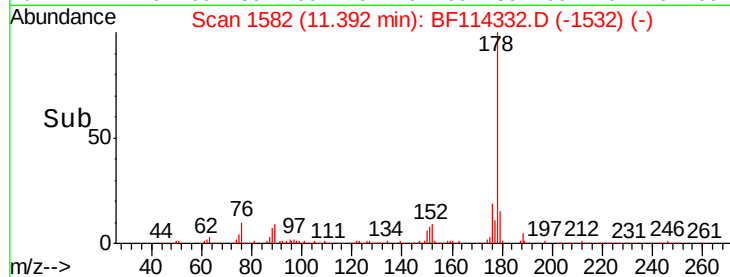
179 16.7 13.2 19.8



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: BF114332.D

Acq: 17 May 2019 2:23

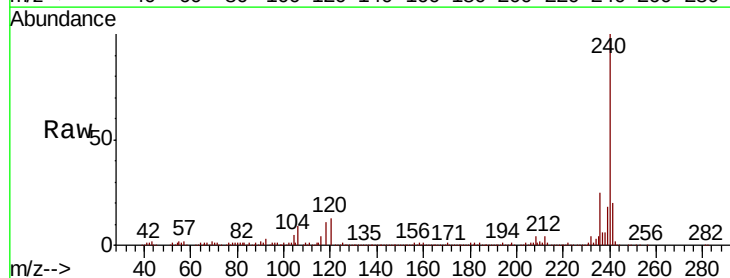
Tgt Ion:240 Resp: 403468

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

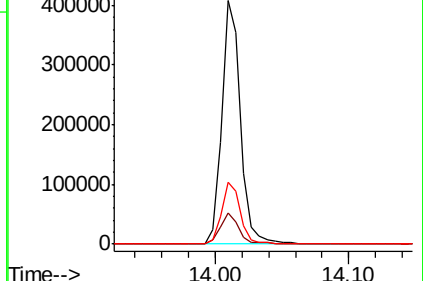
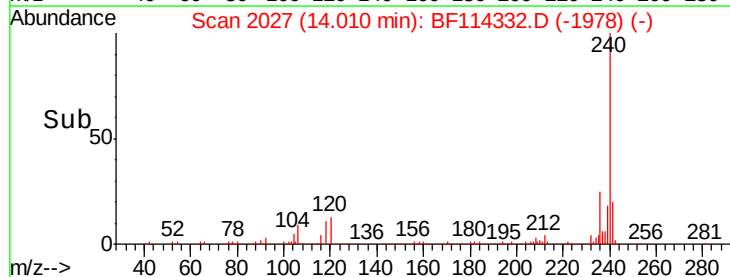
236 25.3 20.8 31.2

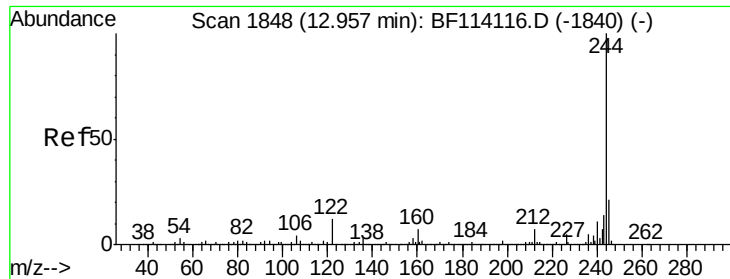


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.910 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114332.D

Acq: 17 May 2019 2:23

Instrument :

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ClientSampleId :

CONCRETE-H

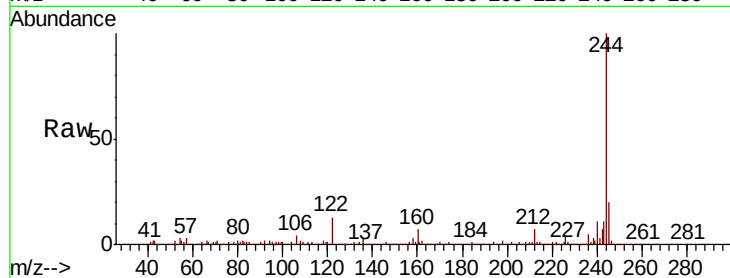
Tot Ion:244 Resp: 1348729

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

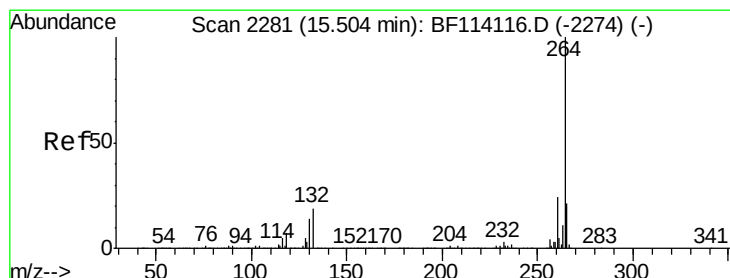
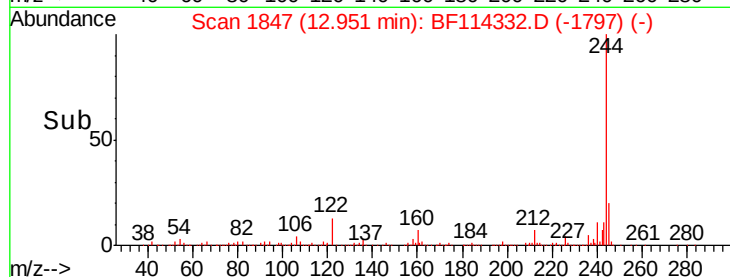
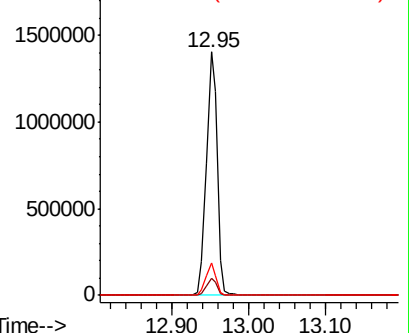
122 13.3 9.4 14.2



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: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114332.D

Acq: 17 May 2019 2:23

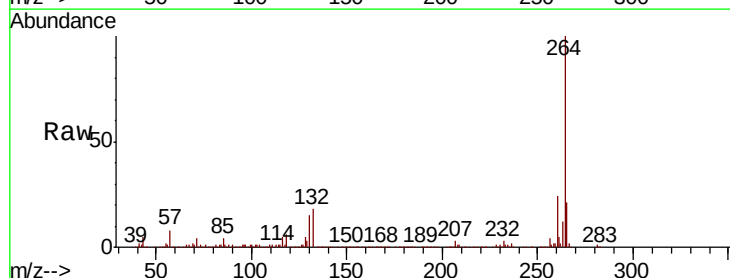
Tgt Ion:264 Resp: 469592

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 20.9 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

