

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111194.D
 Acq On : 7 Dec 2018 18:37
 Operator : JU/SJ
 Sample : J6214-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(13-15)

Quant Time: Dec 08 01:41:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

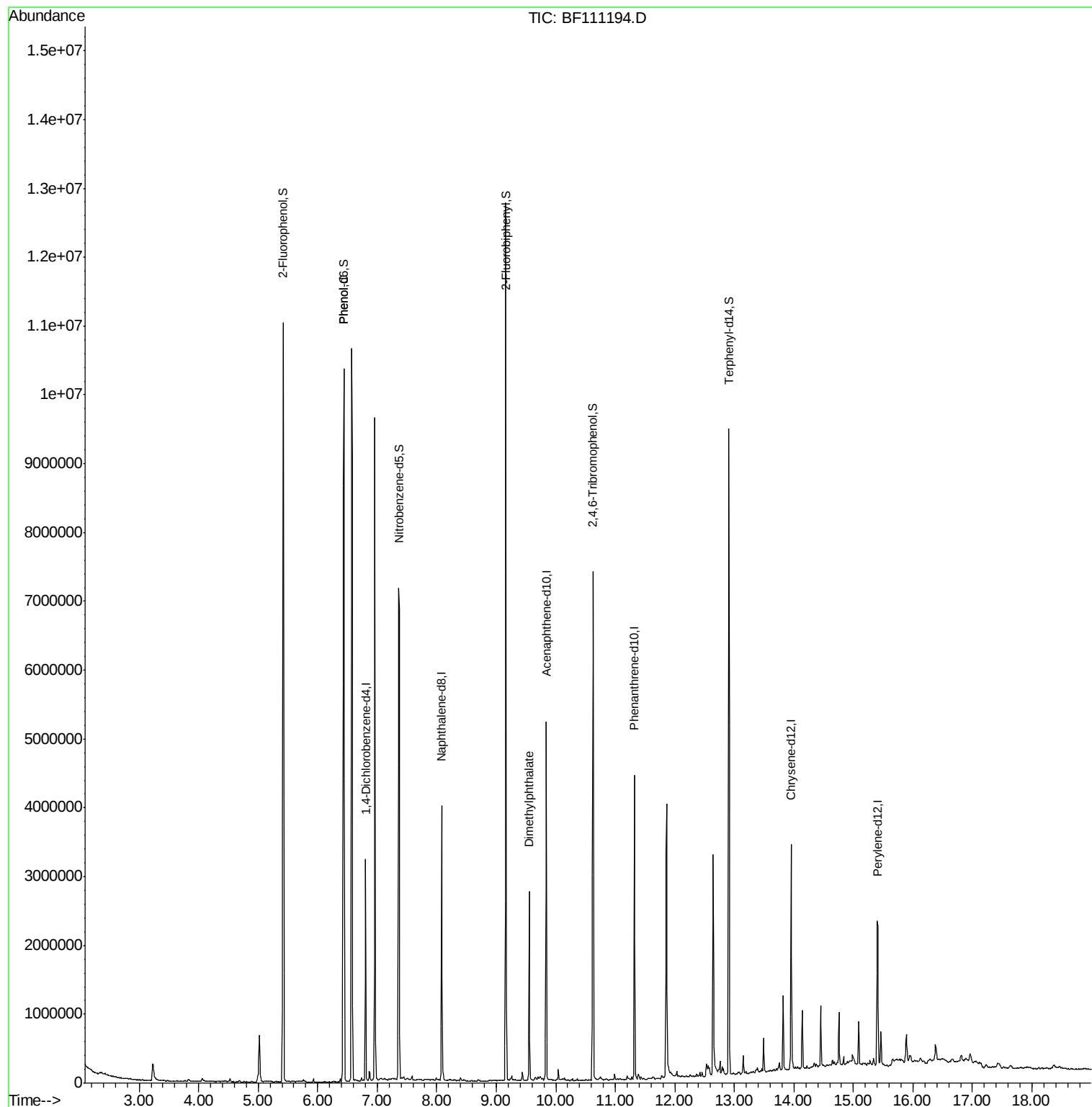
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	401620	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1607101	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	935738	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1406159	20.00	ng	0.00
76) Chrysene-d12	13.96	240	989963	20.00	ng	0.00
87) Perylene-d12	15.40	264	918768	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3430596	133.29	ng	0.01
7) Phenol-d6	6.44	99	3675301	110.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	2536397	93.44	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	795632	106.97	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3989310	77.68	ng	0.00
79) Terphenyl-d14	12.91	244	2973189	61.51	ng	0.00
Target Compounds						
10) Phenol	6.45	94	303705	8.401	ng	86
50) Dimethylphthalate	9.56	163	1048838	16.105	ng	97

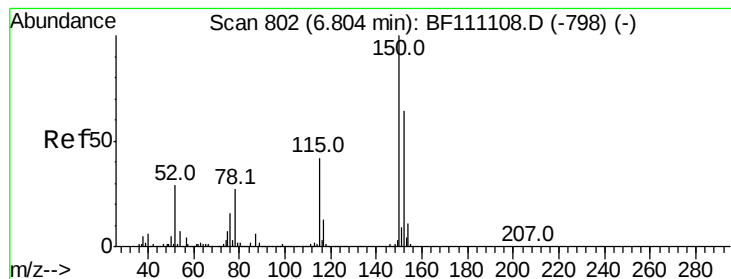
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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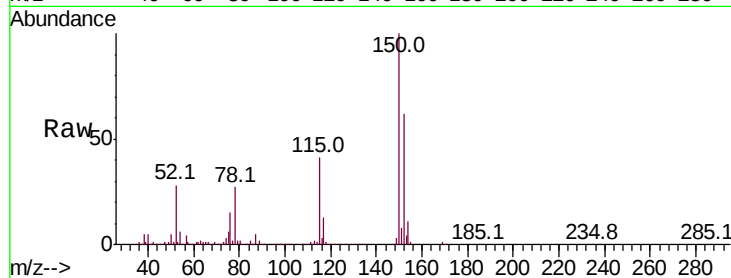


#1

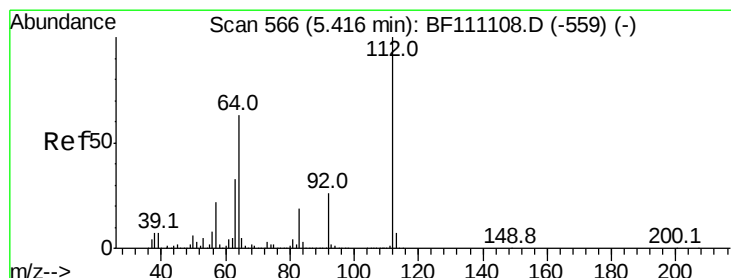
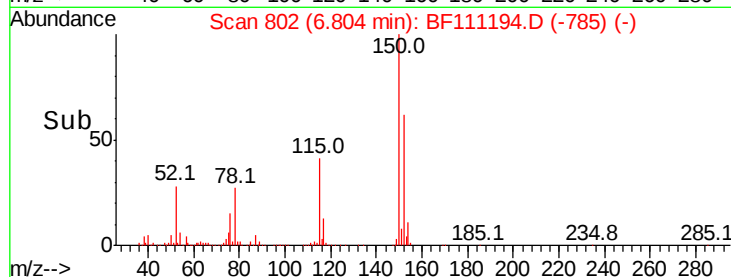
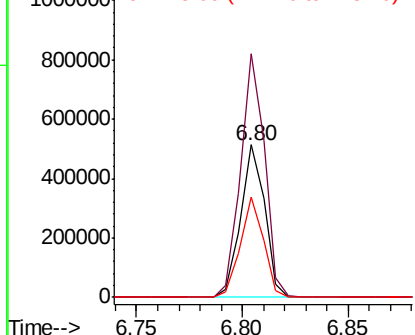
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SB-9(13-15)

Tot Ion:152 Resp: 401620
Ion Ratio Lower Upper
152 100
150 160.0 124.6 187.0
115 65.7 52.2 78.2



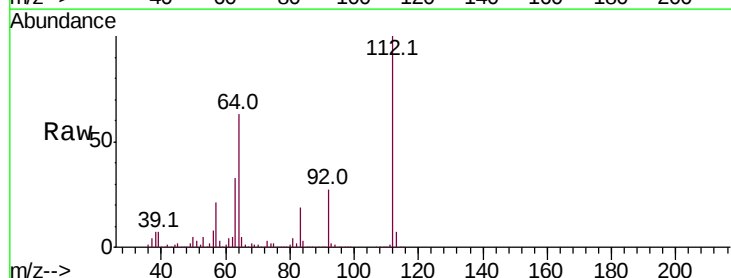
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



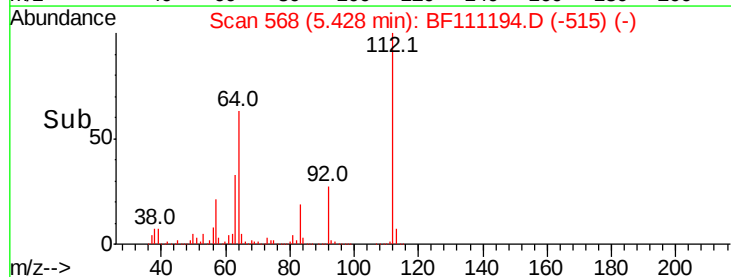
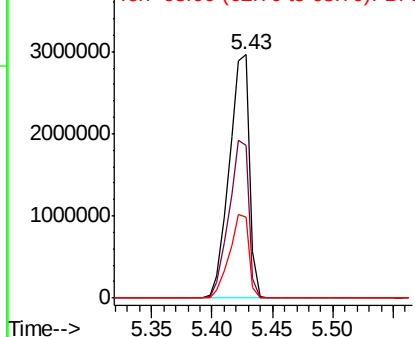
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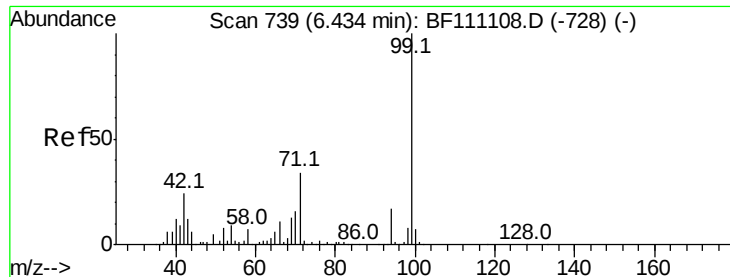
2-Fluorophenol
Concen: 133.293 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion:112 Resp: 3430596
Ion Ratio Lower Upper
112 100
64 62.9 50.2 75.4
63 33.4 26.6 39.8



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: 110.855 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111194.D

Acq: 7 Dec 2018 18:37

Instrument :

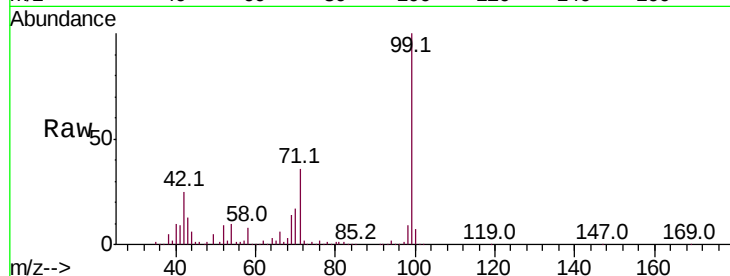
BNA_F

ClientSampleId :

SB-9(13-15)

Tot Ion: 99 Resp: 3675301

Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.3	28.9
71	36.4	27.4	41.2



Abundance

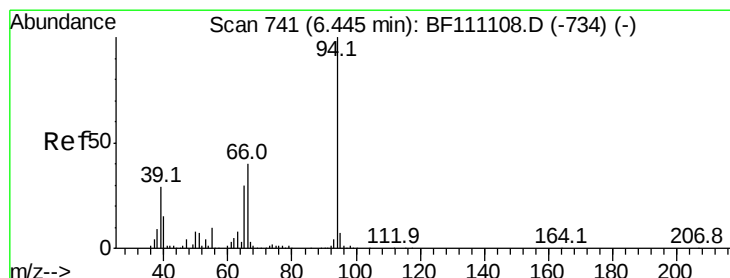
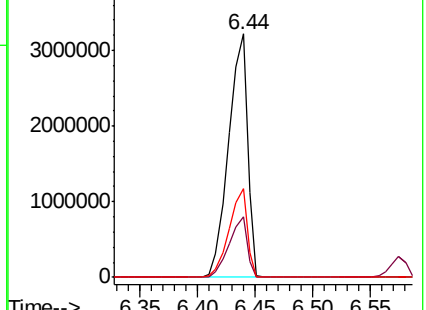
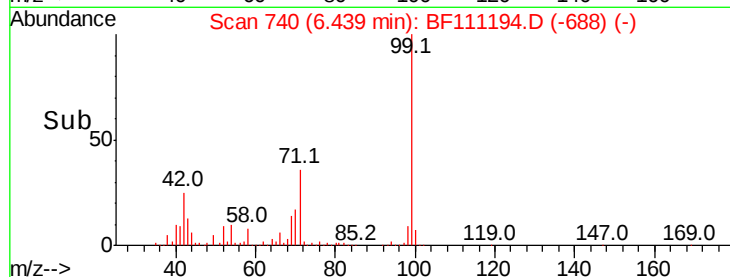
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.44

Time-->



#10

Phenol

Concen: 8.401 ng

RT: 6.45 min Scan# 741

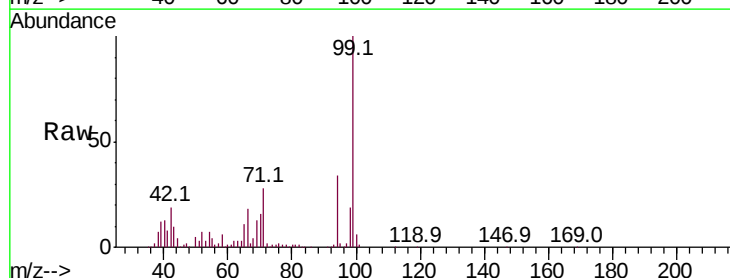
Delta R.T. -0.00 min

Lab File: BF111194.D

Acq: 7 Dec 2018 18:37

Tgt Ion: 94 Resp: 303705

Ion	Ratio	Lower	Upper
94	100		
65	32.9	10.5	50.5
66	53.2	19.8	59.8



Abundance

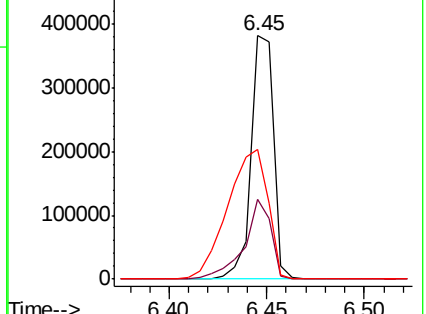
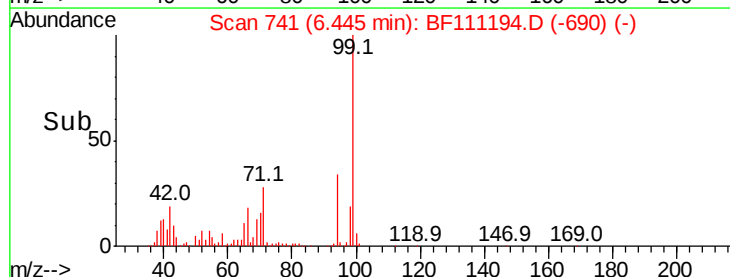
Ion 94.00 (93.70 to 94.70): BF1

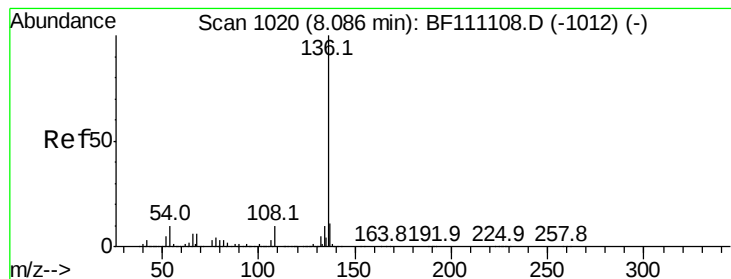
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.45

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111194.D

Acq: 7 Dec 2018 18:37

Instrument :

BNA_F

ClientSampleId :

SB-9(13-15)

Tot Ion:136 Resp: 1607101

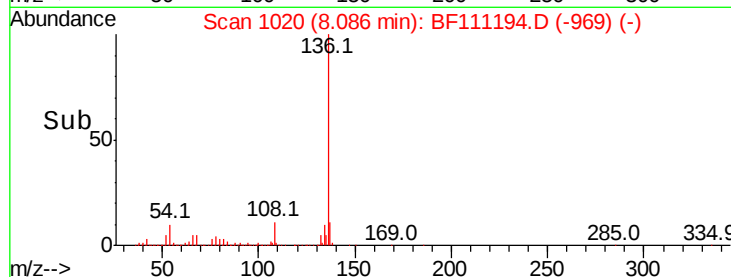
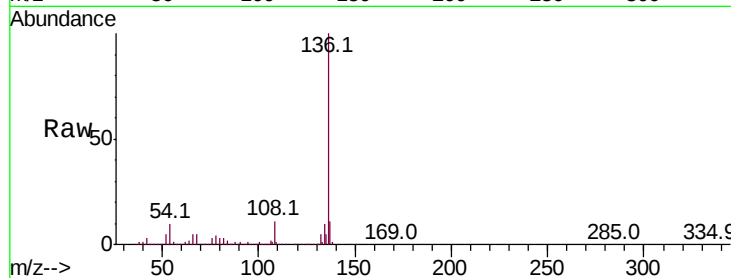
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.7	8.4	12.6
68	5.4	5.0	7.4

136 100

137 11.5 9.0 13.6

54 9.7 8.4 12.6

68 5.4 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E

3000000 Ion 137.00 (136.70 to 137.70): E

2500000 Ion 54.00 (53.70 to 54.70): BF1

2000000 Ion 68.00 (67.70 to 68.70): BF1

1500000

1000000

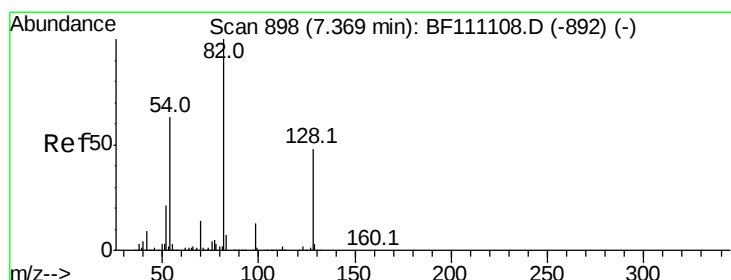
500000

0

8.09

8.00 8.05 8.10 8.15 8.20

Time-->



#23

Nitrobenzene-d5

Concen: 93.437 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111194.D

Acq: 7 Dec 2018 18:37

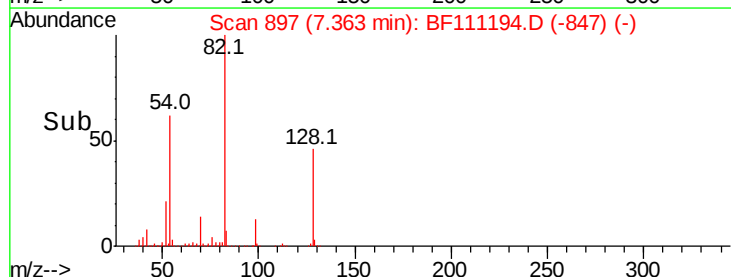
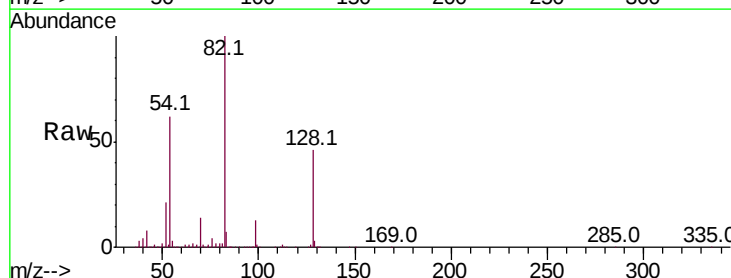
Tgt Ion: 82 Resp: 2536397

Ion	Ratio	Lower	Upper
82	100		
128	45.9	38.1	57.1
54	62.0	50.3	75.5

82 100

128 45.9 38.1 57.1

54 62.0 50.3 75.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

3000000 Ion 128.00 (127.70 to 128.70): E

2500000 Ion 54.00 (53.70 to 54.70): BF1

2000000

1500000

1000000

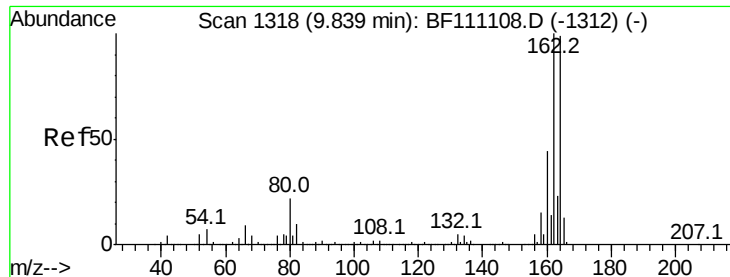
500000

0

7.36

7.30 7.35 7.40 7.45

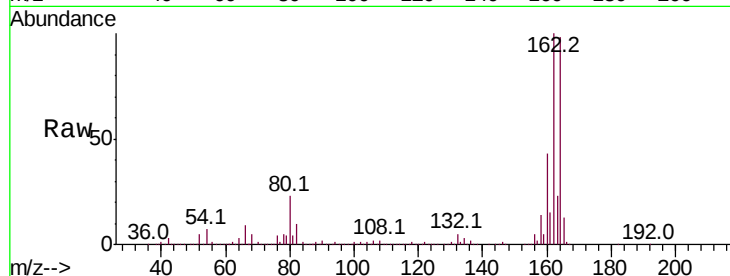
Time-->



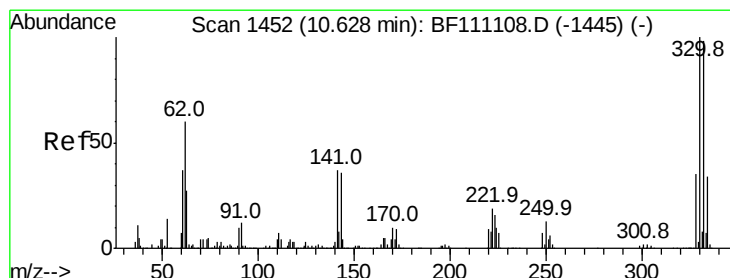
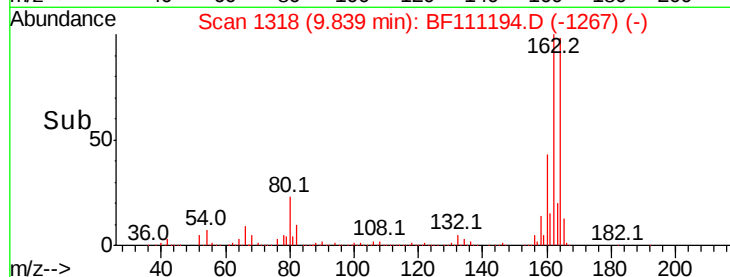
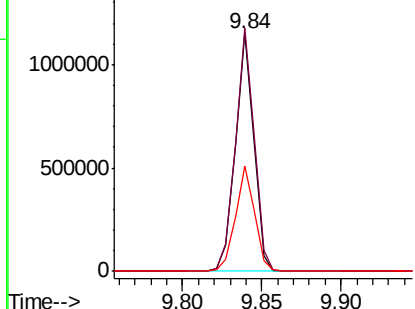
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SB-9(13-15)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	44.3	35.5	53.3

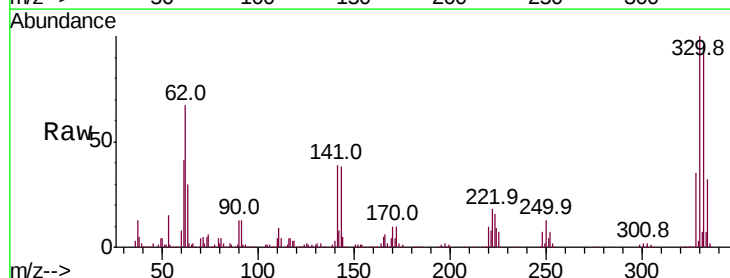


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

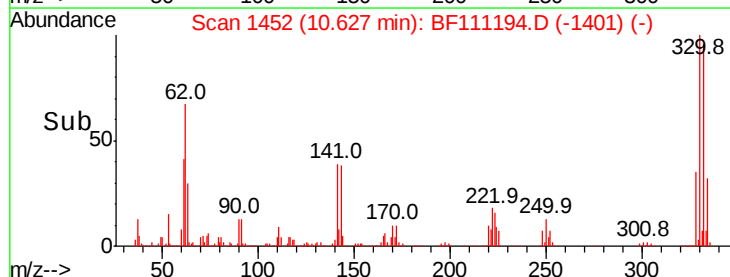
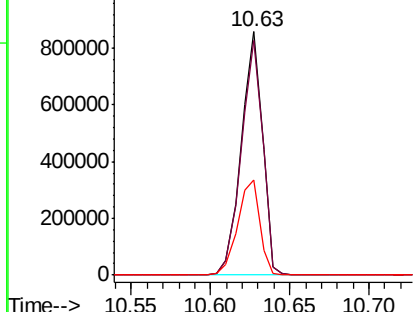


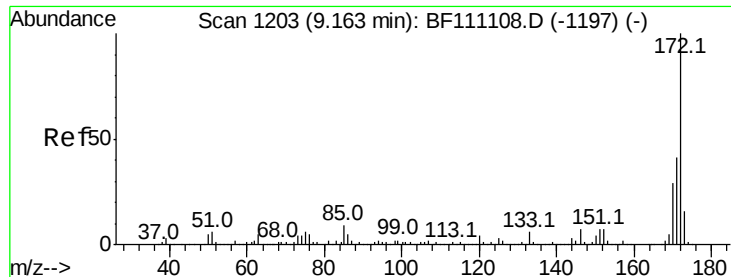
#42
2,4,6-Tribromophenol
Concen: 106.968 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.2	115.8
141	40.9	36.1	54.1



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



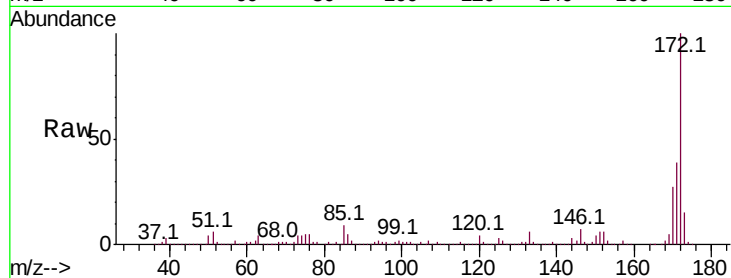


#45
 2-Fluorobiphenyl
 Concen: 77.678 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF111194.D
 Acq: 7 Dec 2018 18:37

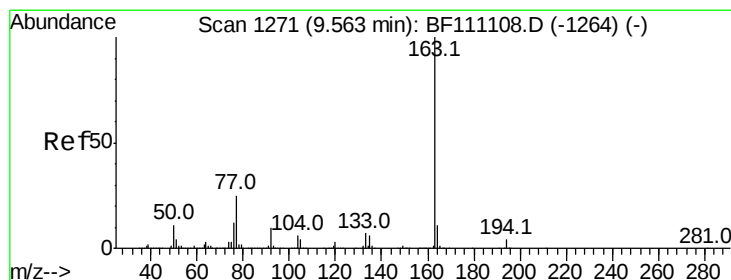
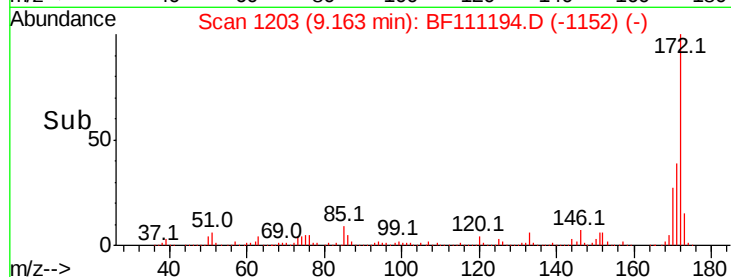
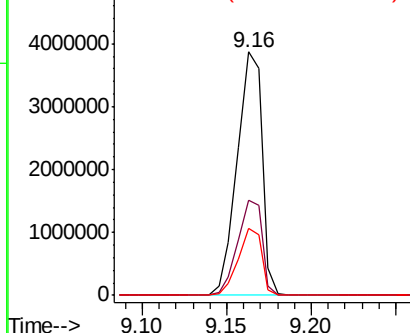
Instrument :
 BNA_F
 ClientSampleId :
 SB-9(13-15)

Tot Ion:172 Resp: 3989310

Ion	Ratio	Lower	Upper
172	100		
171	39.3	33.2	49.8
170	27.3	22.9	34.3



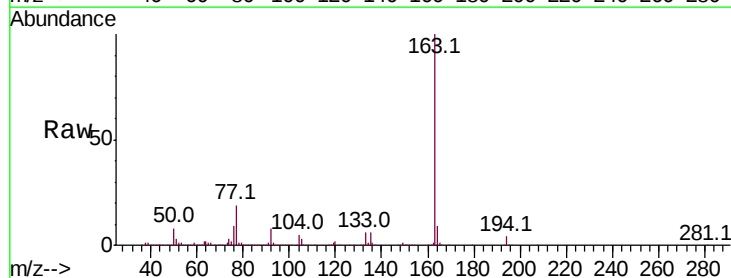
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



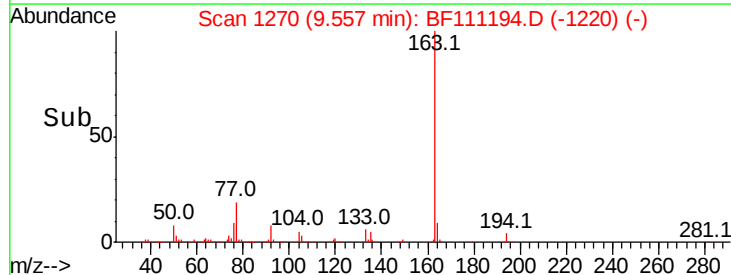
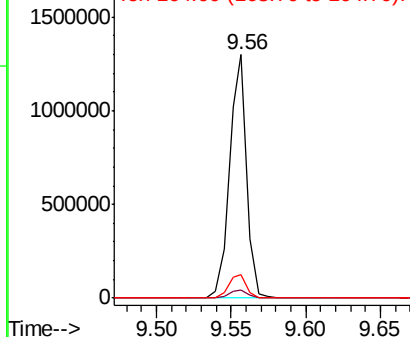
#50
 Dimethylphthalate
 Concen: 16.105 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF111194.D
 Acq: 7 Dec 2018 18:37

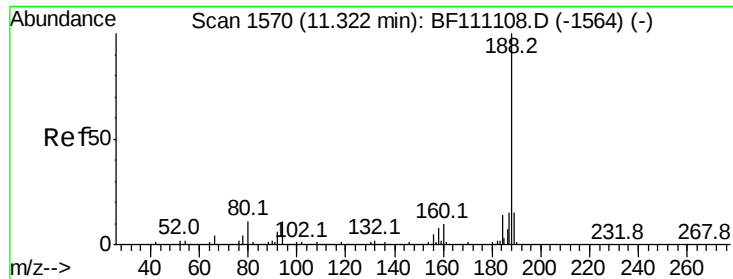
Tgt Ion:163 Resp: 1048838

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.4	8.9	13.3



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

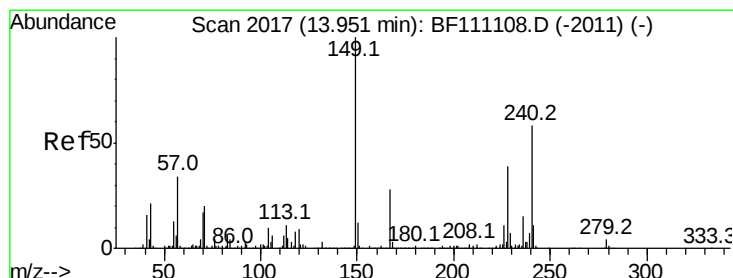
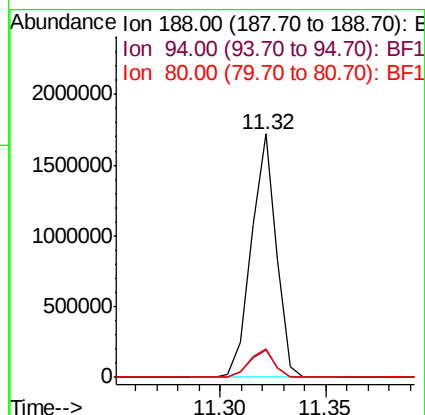
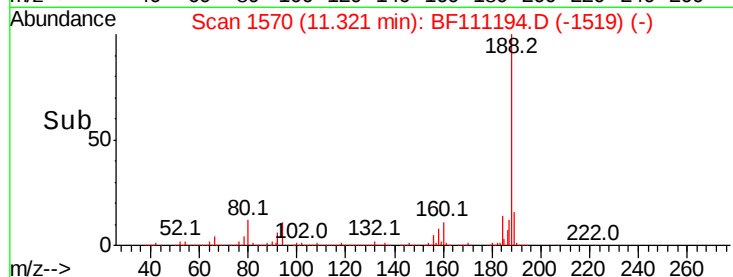
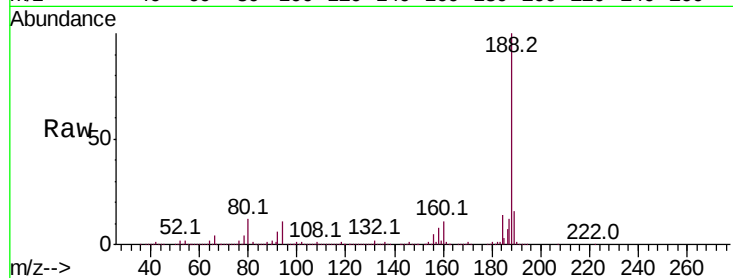




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

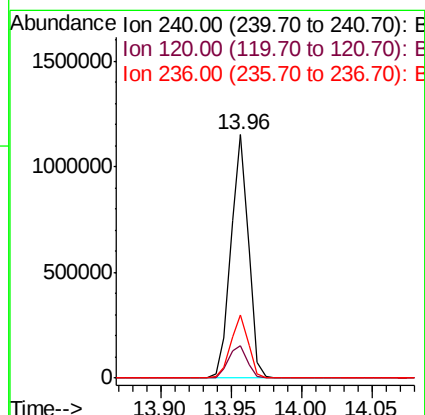
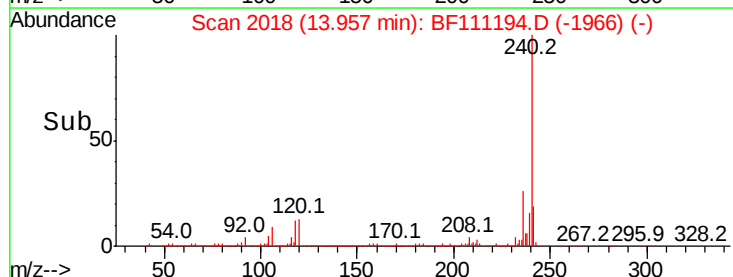
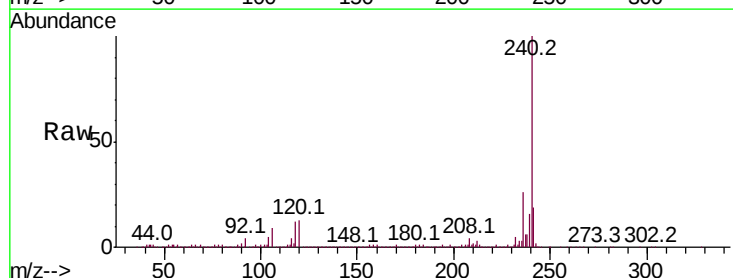
Instrument :
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SB-9(13-15)

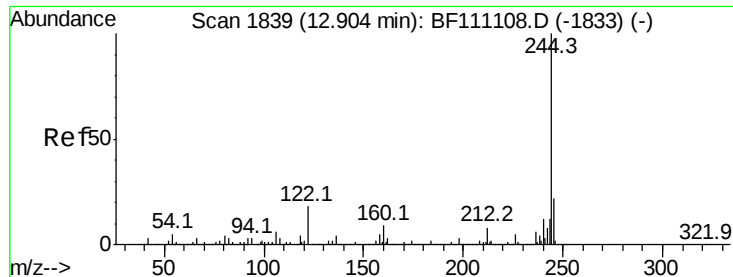
Tot Ion:188 Resp: 1406159
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.8 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111194.D
Acq: 7 Dec 2018 18:37

Tgt Ion:240 Resp: 989963
Ion Ratio Lower Upper
240 100
120 13.2 12.8 19.2
236 26.1 21.1 31.7



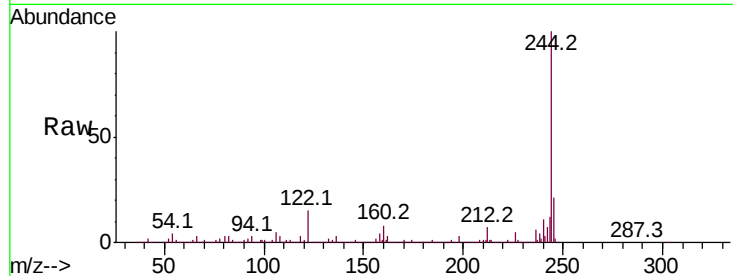


#79
 Terphenyl-d14
 Concen: 61.508 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111194.D
 Acq: 7 Dec 2018 18:37

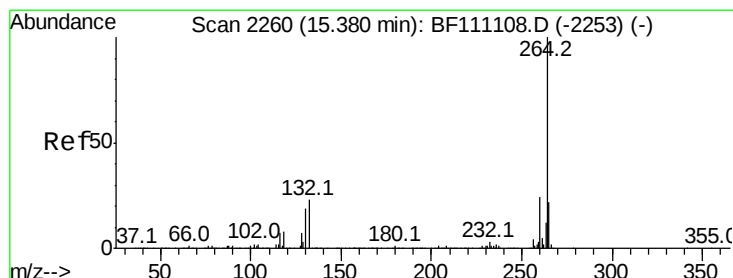
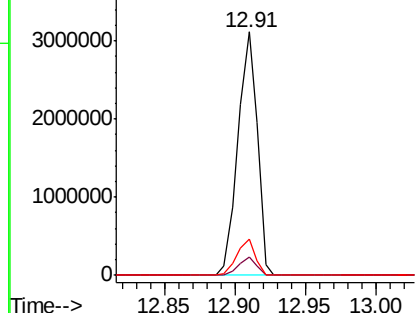
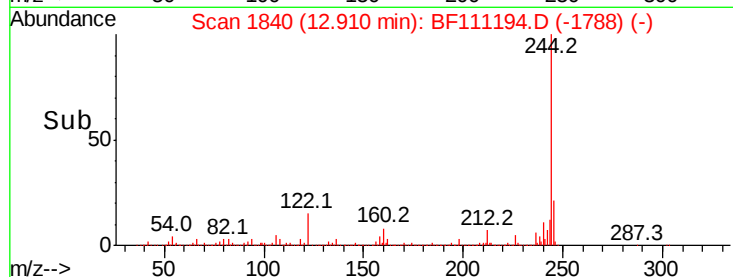
Instrument :
 BNA_F
 ClientSampleId :
 SB-9(13-15)

Tot Ion:244 Resp: 2973189

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	9.8
122	14.8	14.2	21.2



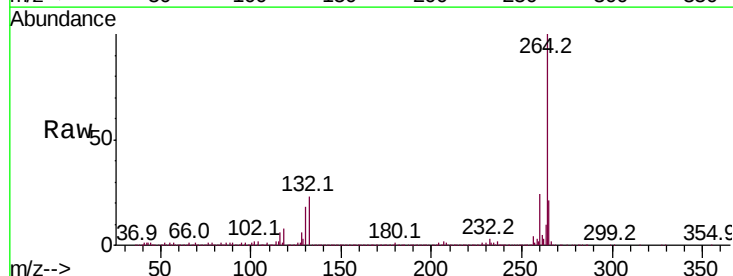
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. 0.02 min
 Lab File: BF111194.D
 Acq: 7 Dec 2018 18:37

Tgt Ion:264 Resp: 918768

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.4	17.4	26.0



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

