

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111323.D
 Acq On : 12 Dec 2018 16:03
 Operator : JU/SJ
 Sample : J6186-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-4

Quant Time: Dec 13 01:54:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

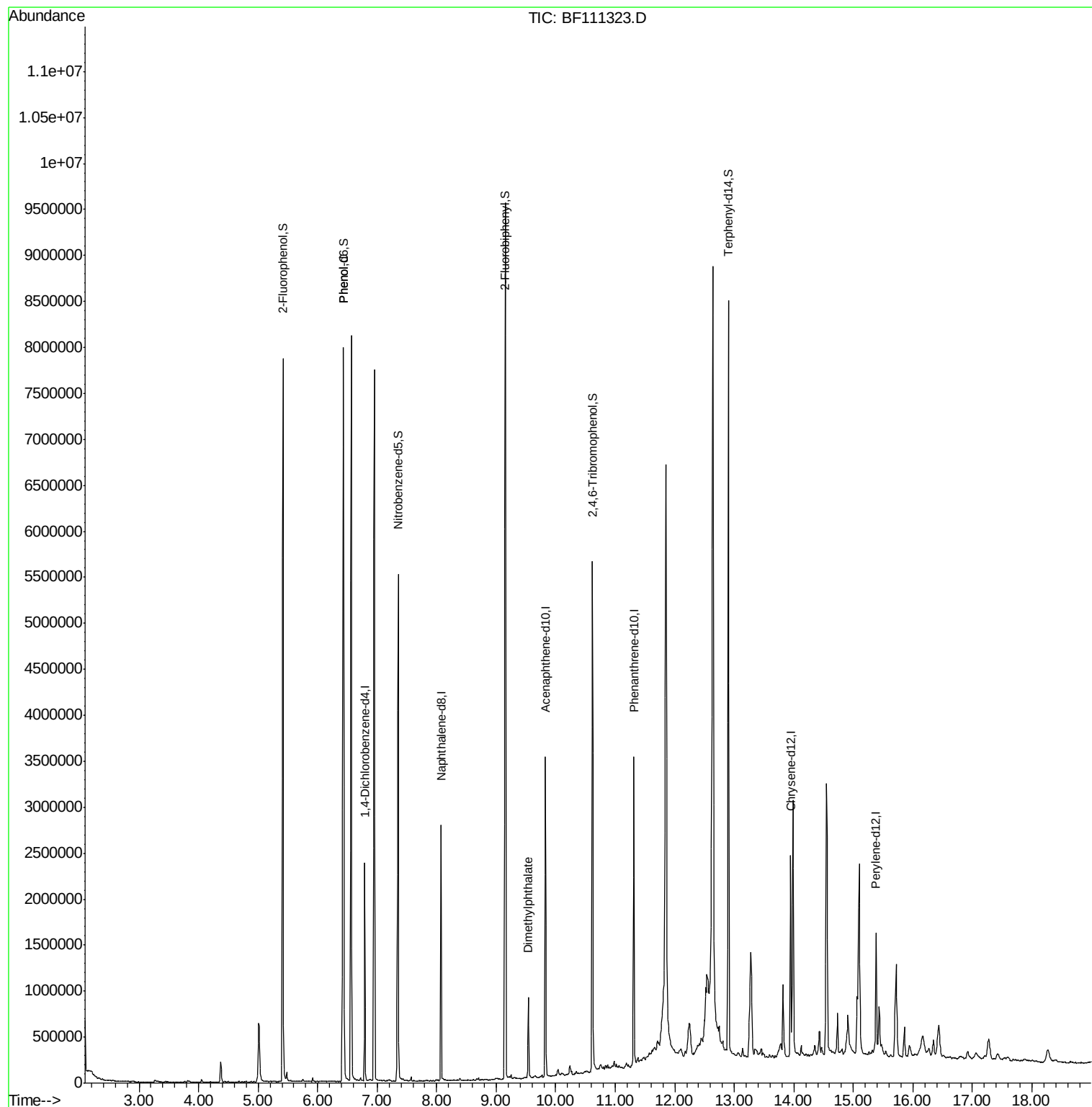
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	320567	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1308951	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	640528	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1140176	20.00	ng	0.00
76) Chrysene-d12	13.95	240	675349	20.00	ng	-0.01
87) Perylene-d12	15.38	264	577500	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2505853	132.19	ng	0.00
7) Phenol-d6	6.43	99	3202989	125.32	ng	0.00
23) Nitrobenzene-d5	7.35	82	2102985	90.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	649256	114.99	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	3309443	82.95	ng	0.00
79) Terphenyl-d14	12.90	244	2930718	95.51	ng	0.00
Target Compounds						
10) Phenol	6.44	94	234670	8.105	ng	92
50) Dimethylphthalate	9.54	163	321896	6.988	ng	99

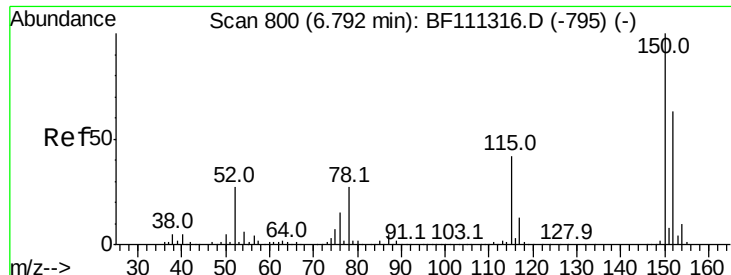
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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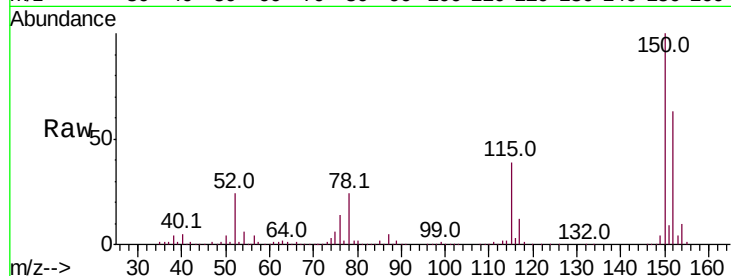


#1

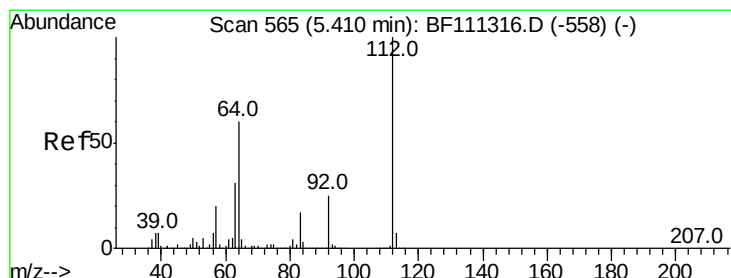
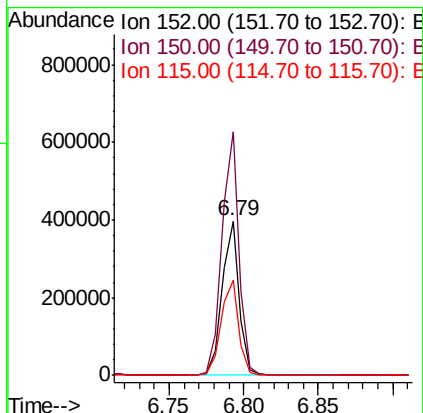
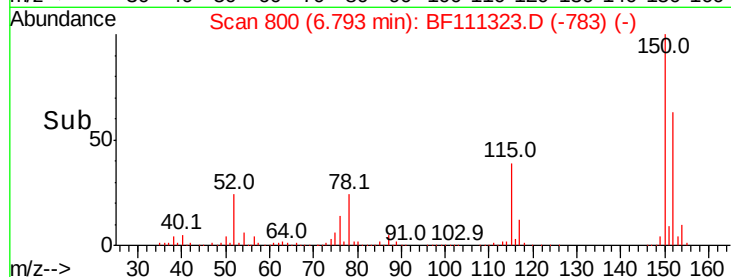
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111323.D
 Acq: 12 Dec 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :
 DW-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	189.8
115	61.4	50.7	76.1



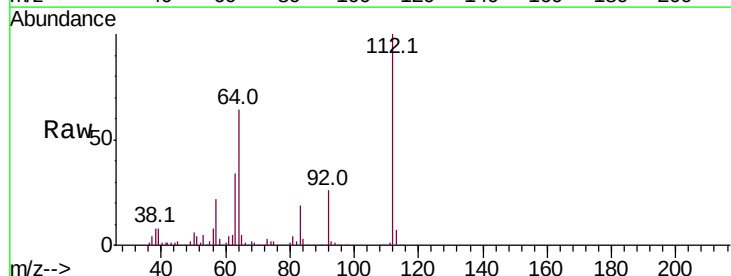
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



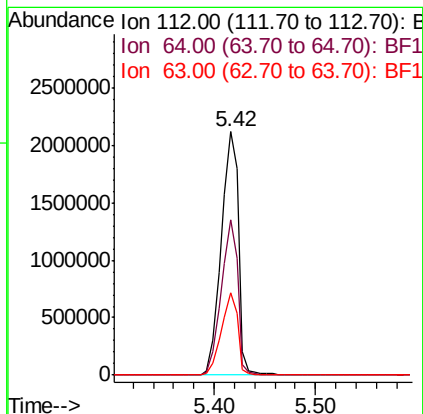
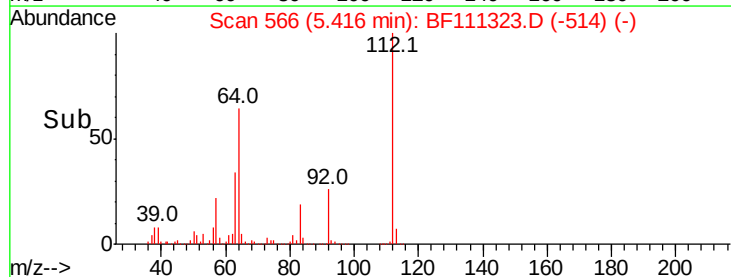
#5

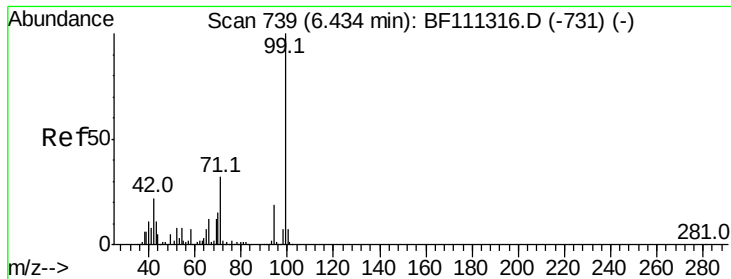
2-Fluorophenol
 Concen: 132.187 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF111323.D
 Acq: 12 Dec 2018 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	51.8	77.6
63	33.7	26.8	40.2



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: 125.317 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111323.D

Acq: 12 Dec 2018 16:03

Instrument :

BNA_F

ClientSampleId :

DW-4

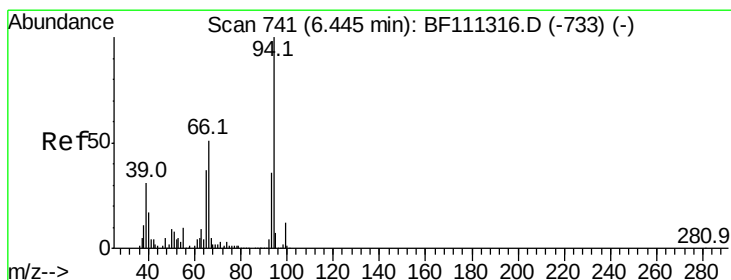
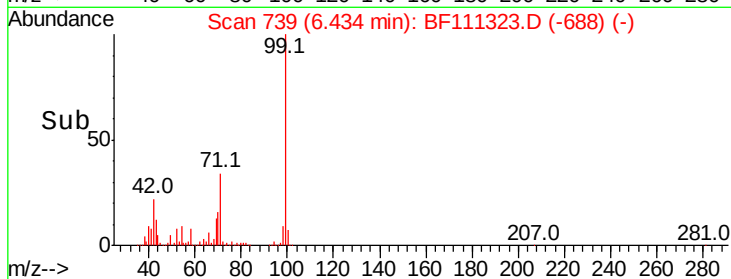
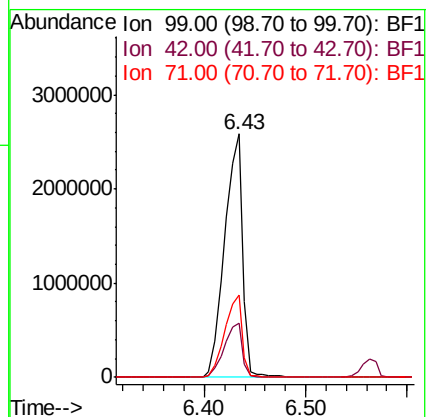
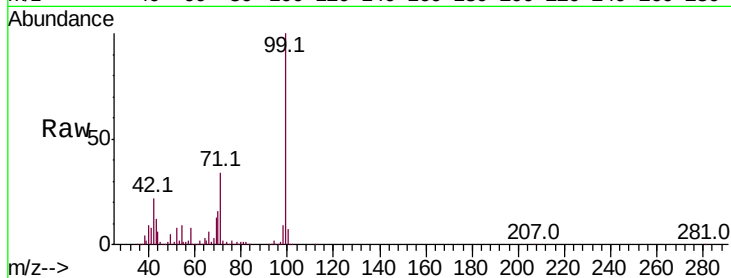
Tot Ion: 99 Resp: 3202989

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

71 33.8 26.1 39.1



#10

Phenol

Concen: 8.105 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111323.D

Acq: 12 Dec 2018 16:03

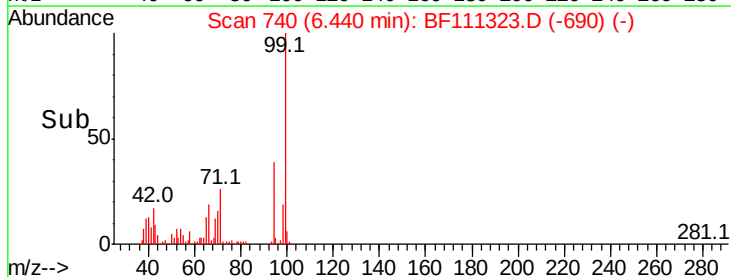
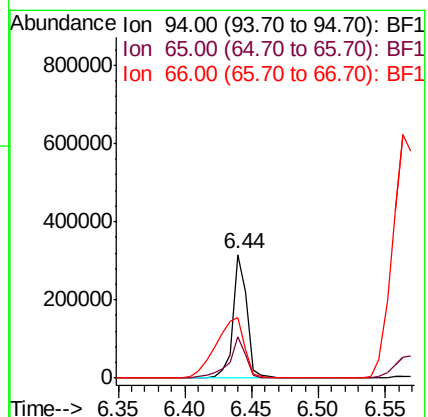
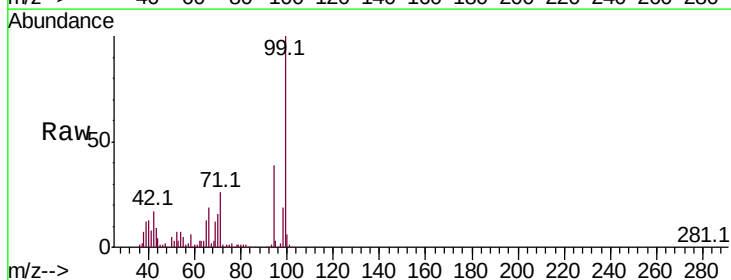
Tgt Ion: 94 Resp: 234670

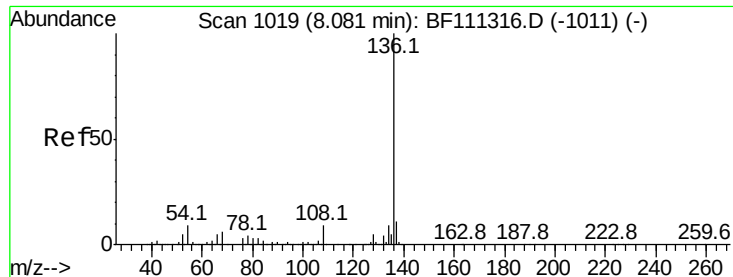
Ion Ratio Lower Upper

94 100

65 32.9 11.7 51.7

66 48.4 21.0 61.0

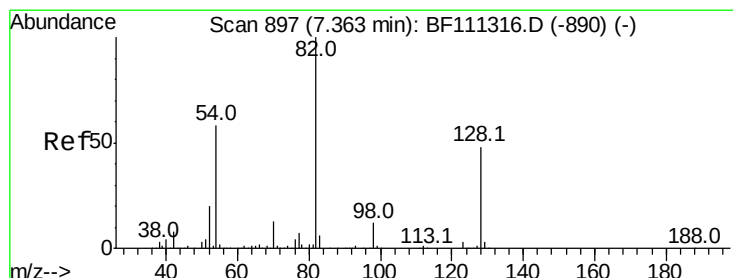
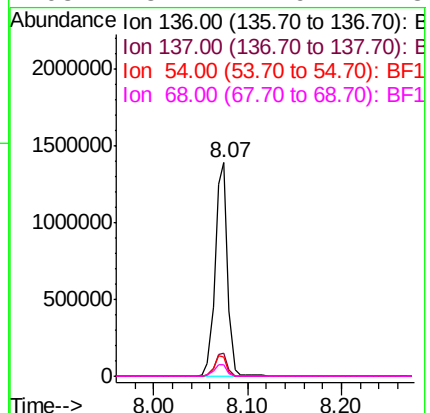
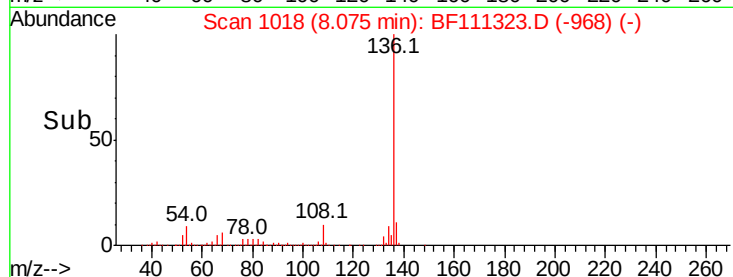
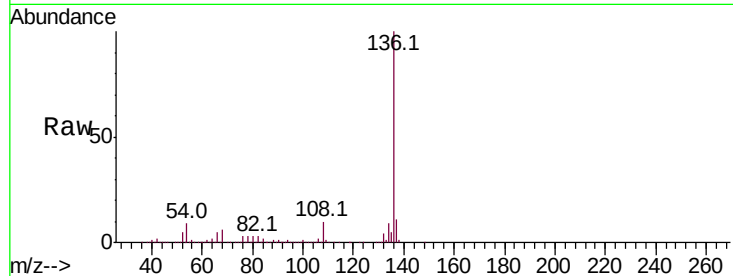




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

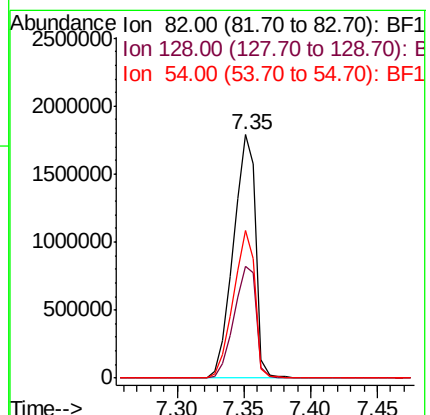
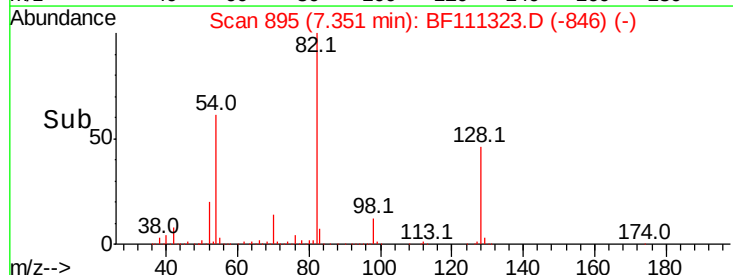
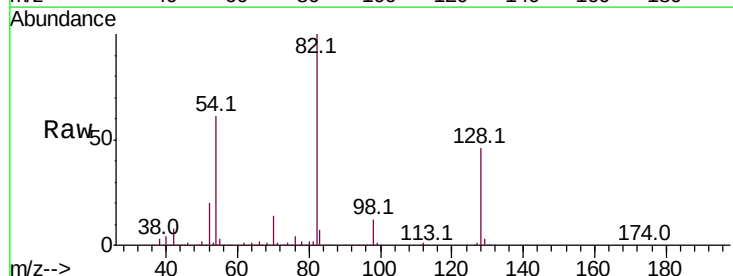
Instrument :
BNA_F
ClientSampleId :
DW-4

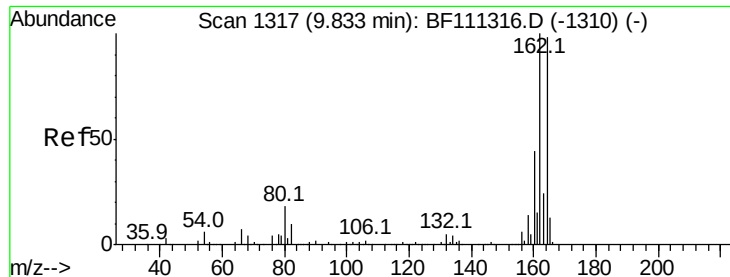
Tot Ion:136	Resp: 1308951
Ion Ratio	Lower Upper
136 100	
137 10.9	9.1 13.7
54 8.8	7.7 11.5
68 5.7	4.9 7.3



#23
Nitrobenzene-d5
Concen: 90.554 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion: 82	Resp: 2102985
Ion Ratio	Lower Upper
82 100	
128 46.1	37.4 56.2
54 60.7	47.6 71.4

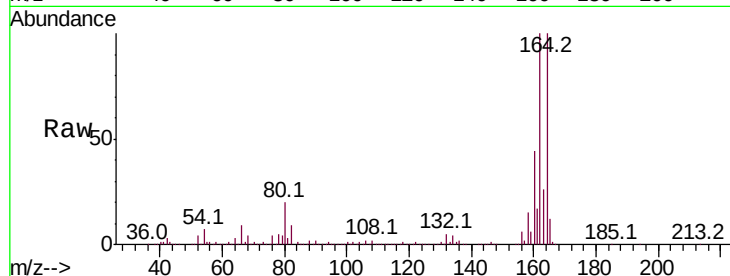




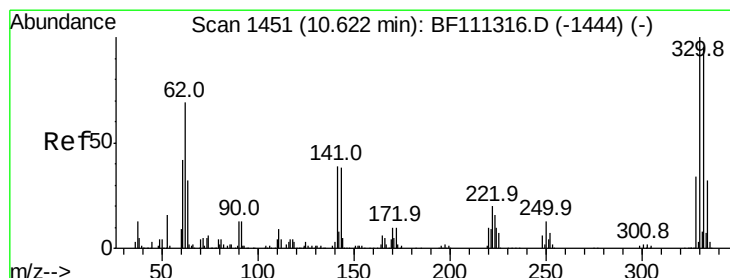
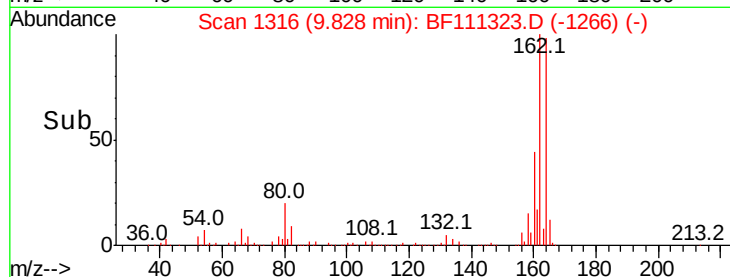
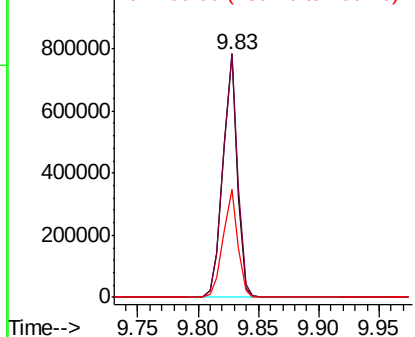
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111323.D
 Acq: 12 Dec 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :
 DW-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.0
160	44.3	35.7	53.5

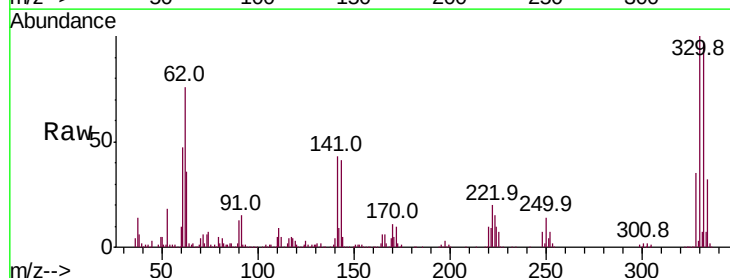


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

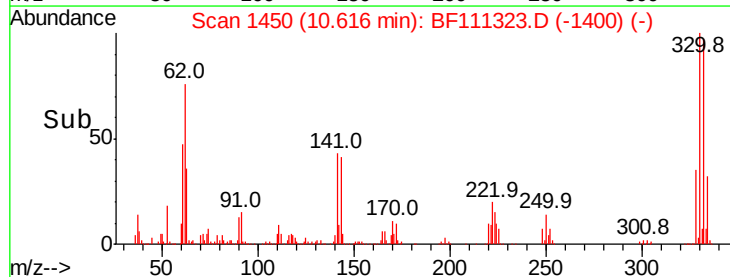
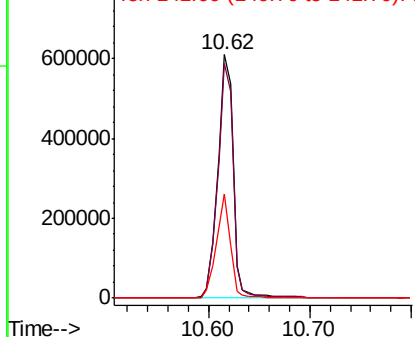


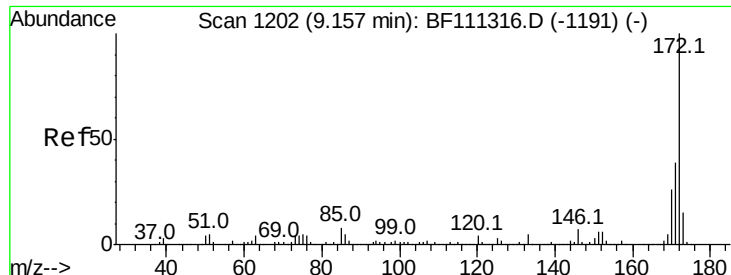
#42
 2,4,6-Tribromophenol
 Concen: 114.987 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111323.D
 Acq: 12 Dec 2018 16:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	39.5	31.0	46.6



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



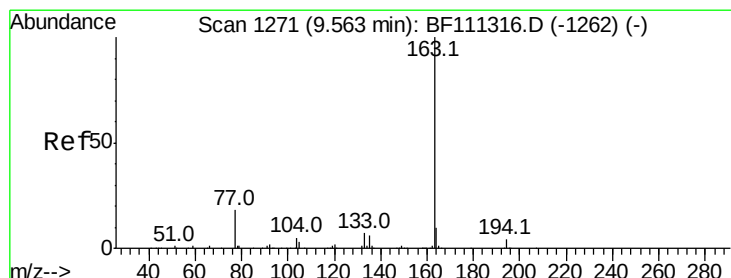
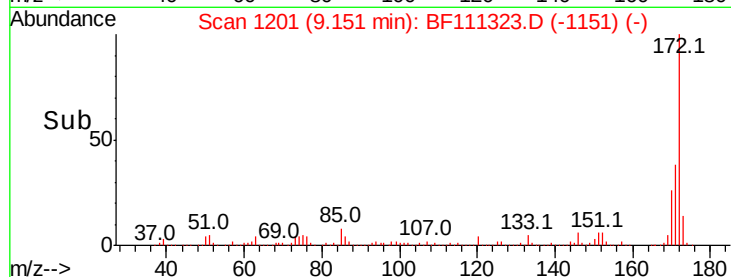
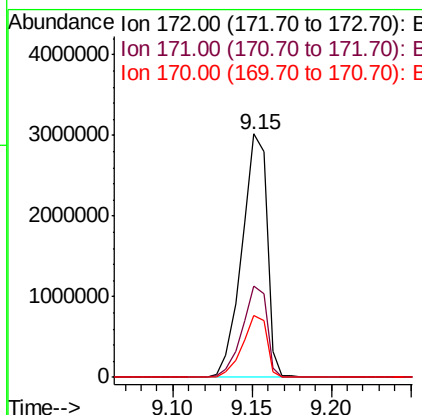
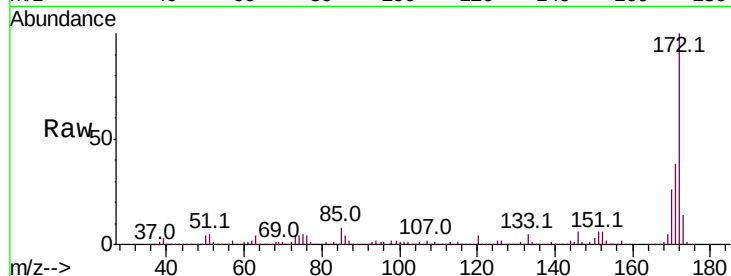


#45
 2-Fluorobiphenyl
 Concen: 82.951 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111323.D
 Acq: 12 Dec 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :
 DW-4

Tot Ion:172 Resp: 3309443

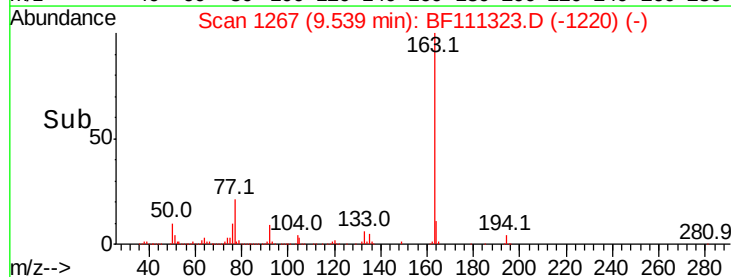
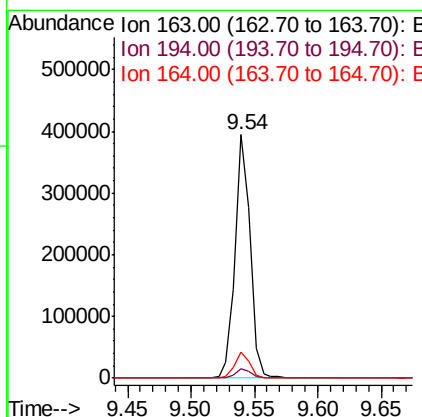
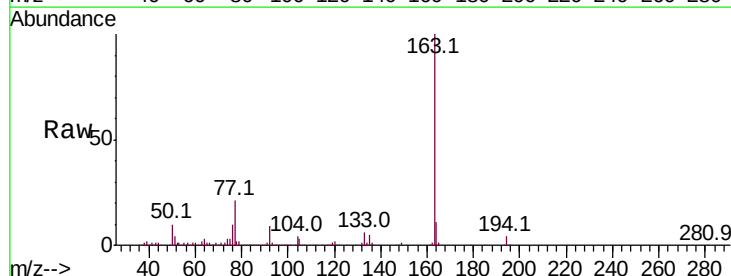
Ion	Ratio	Lower	Upper
172	100		
171	37.5	33.0	49.4
170	25.6	22.3	33.5

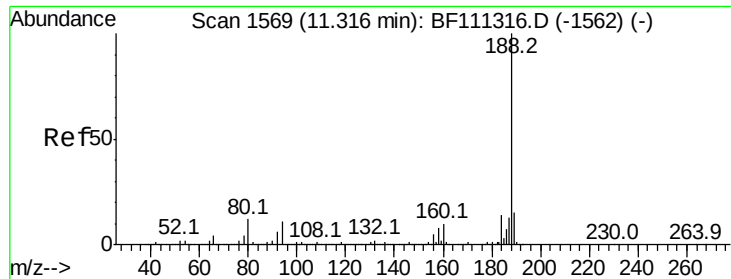


#50
 Dimethylphthalate
 Concen: 6.988 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF111323.D
 Acq: 12 Dec 2018 16:03

Tgt Ion:163 Resp: 321896

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.7	8.9	13.3

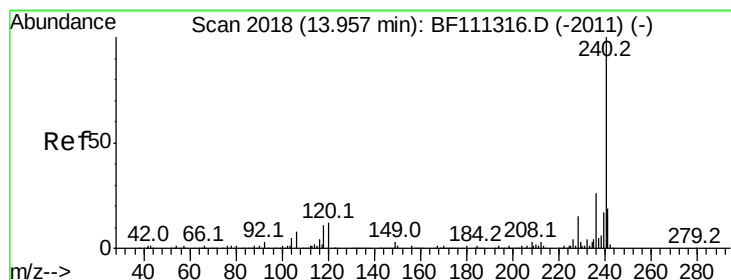
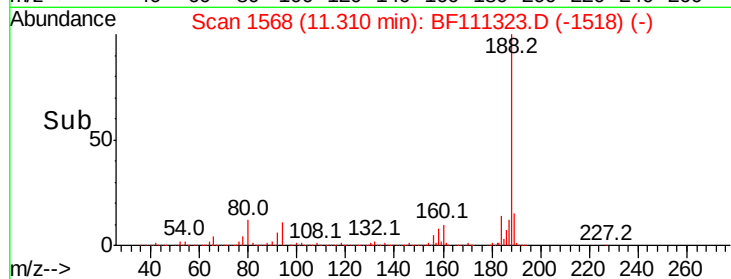
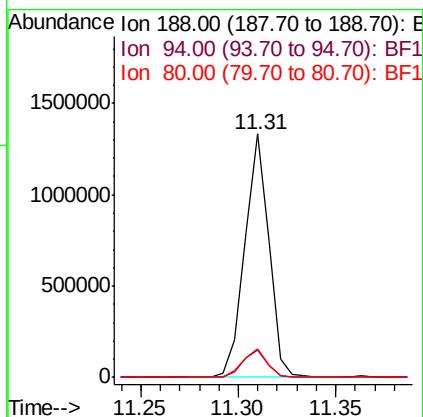
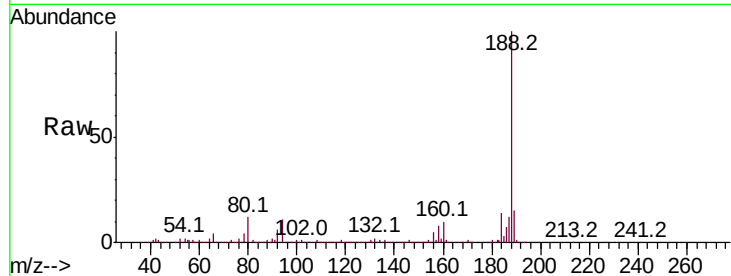




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

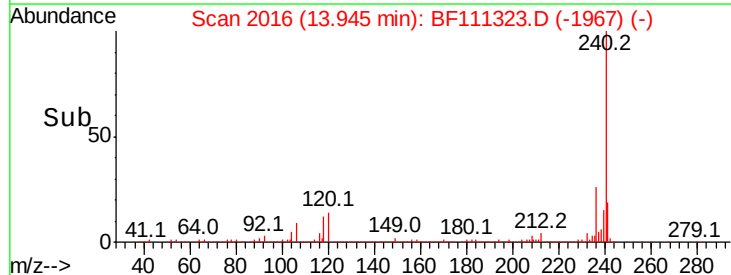
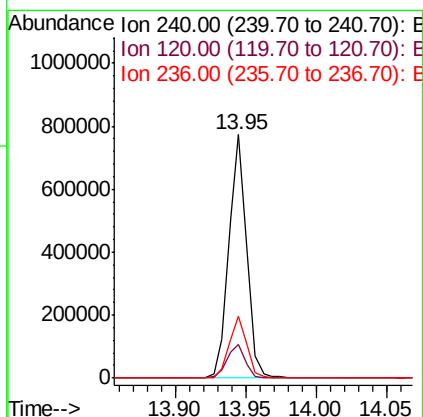
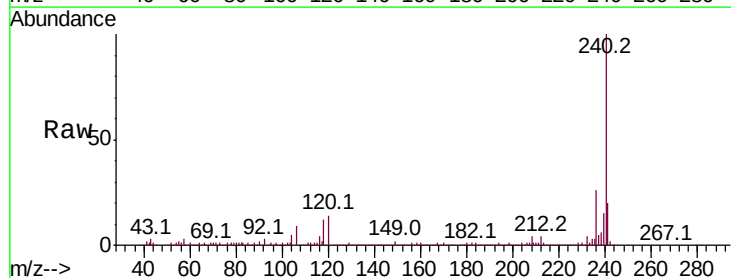
Instrument :
BNA_F
ClientSampleId :
DW-4

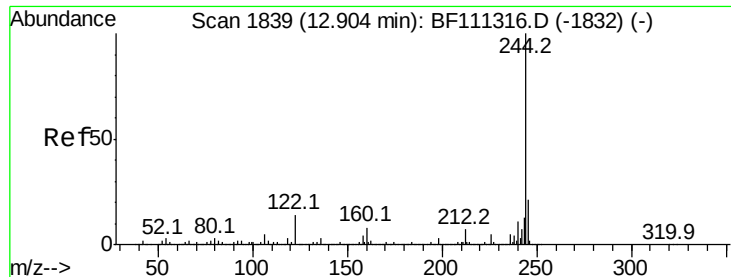
Tot Ion:188 Resp: 1140176
Ion Ratio Lower Upper
188 100
94 11.3 9.6 14.4
80 11.9 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:240 Resp: 675349
Ion Ratio Lower Upper
240 100
120 13.6 12.2 18.2
236 25.6 20.2 30.2





#79

Terphenyl-d14

Concen: 95.511 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF111323.D

Acq: 12 Dec 2018 16:03

Instrument :

BNA_F

ClientSampleId :

DW-4

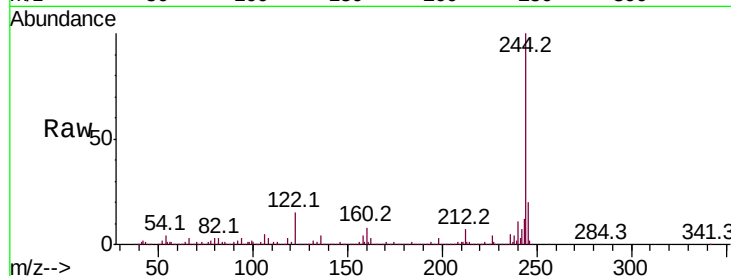
Tot Ion:244 Resp: 2930718

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

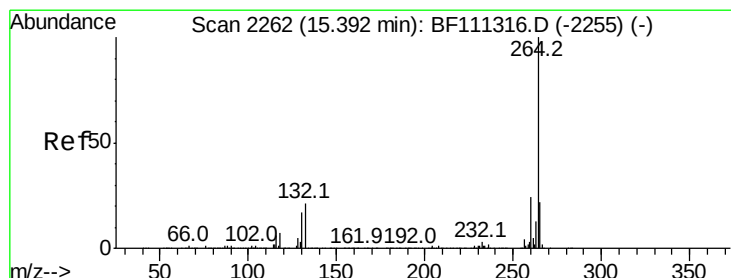
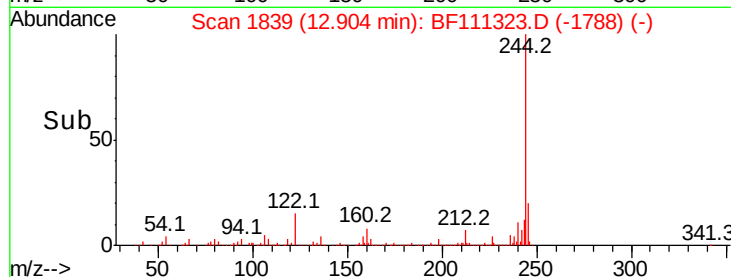
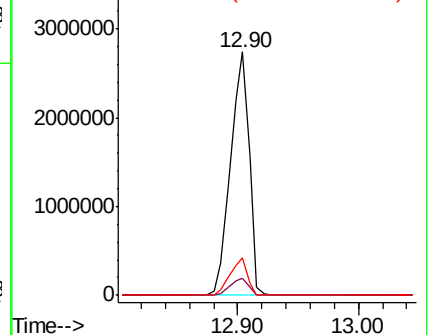
122 15.2 13.1 19.7



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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111323.D

Acq: 12 Dec 2018 16:03

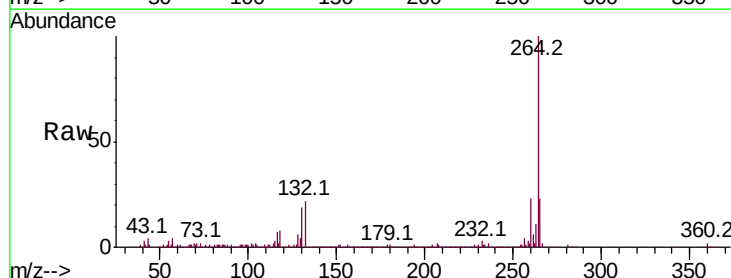
Tgt Ion:264 Resp: 577500

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 22.9 17.7 26.5



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

