

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111690.D
 Acq On : 21 Dec 2018 16:33
 Operator : JU/SJ
 Sample : J6447-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-0612-01

Quant Time: Dec 21 23:45:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

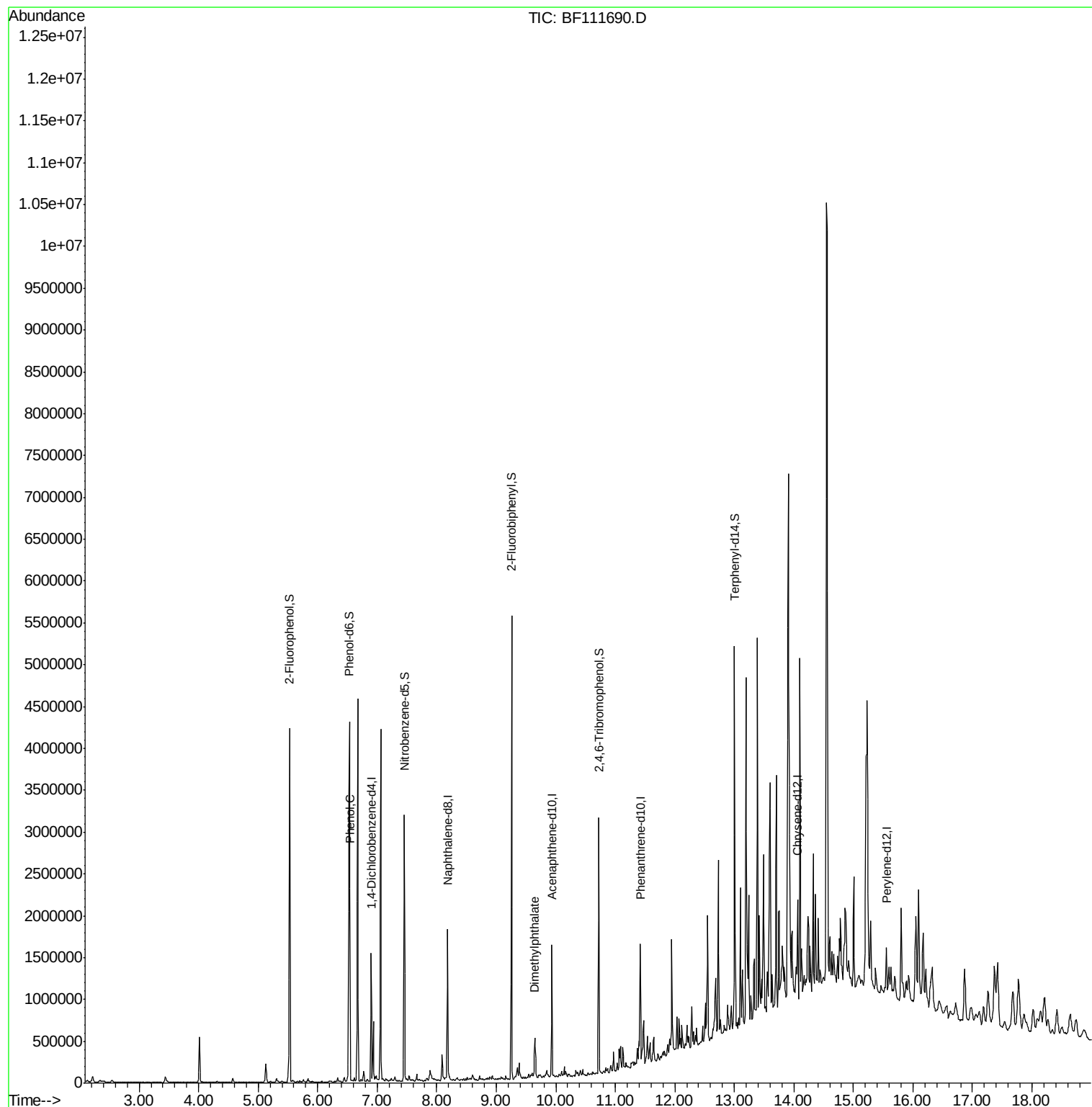
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	194745	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	696426	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	298861	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	492424	20.00	ng	0.00
76) Chrysene-d12	14.06	240	378997	20.00	ng	0.01
87) Perylene-d12	15.56	264	273630	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1164543	101.93	ng	0.01
7) Phenol-d6	6.53	99	1455190	100.08	ng	0.01
23) Nitrobenzene-d5	7.46	82	915225	76.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	334627	94.76	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1546839	75.44	ng	0.00
79) Terphenyl-d14	13.00	244	1297469	64.92	ng	0.00
Target Compounds						
10) Phenol	6.55	94	117800	7.180	ng	94
50) Dimethylphthalate	9.65	163	156354	7.154	ng	100

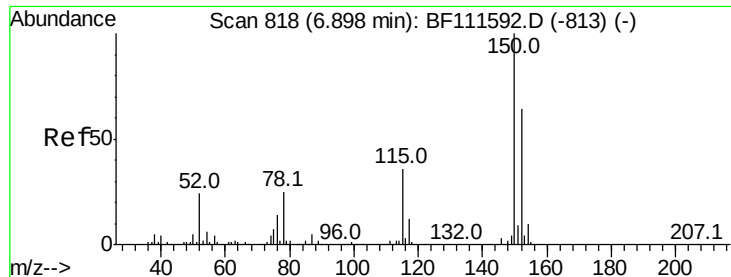
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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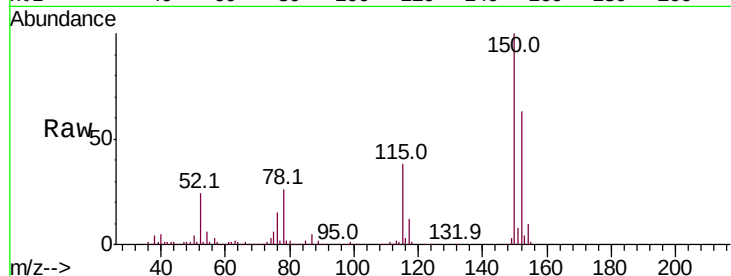


#1

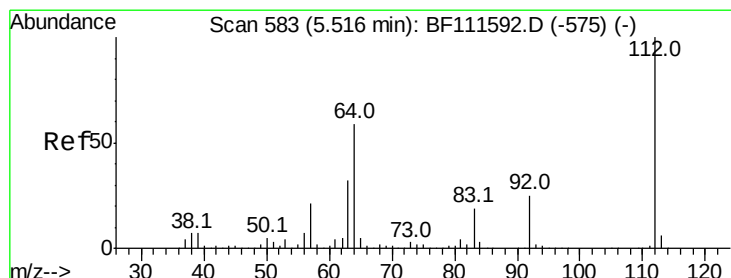
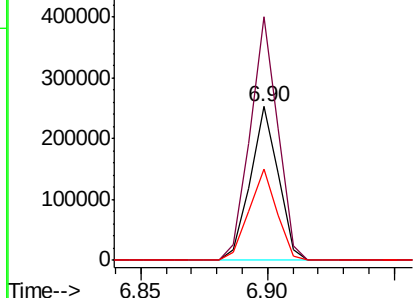
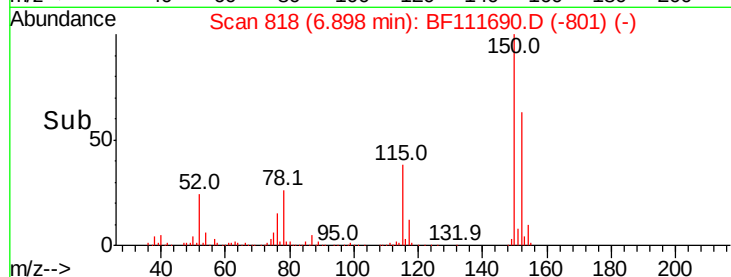
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tot Ion:152 Resp: 194745
Ion Ratio Lower Upper
152 100
150 158.2 126.6 189.8
115 59.5 50.7 76.1



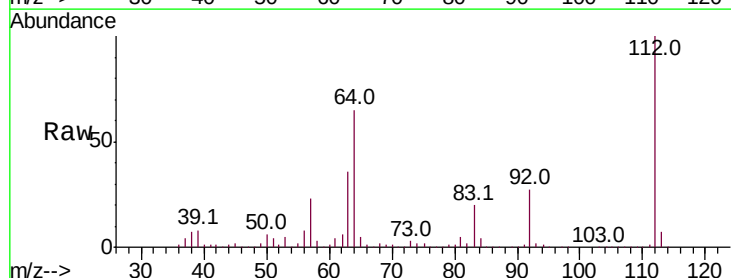
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



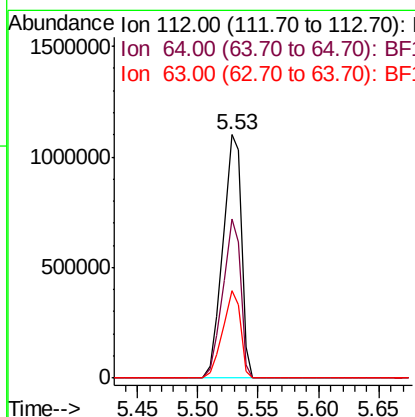
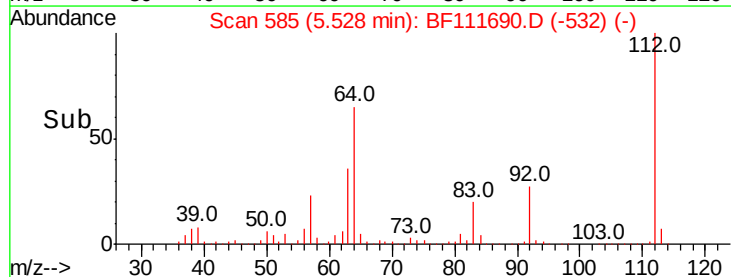
#5

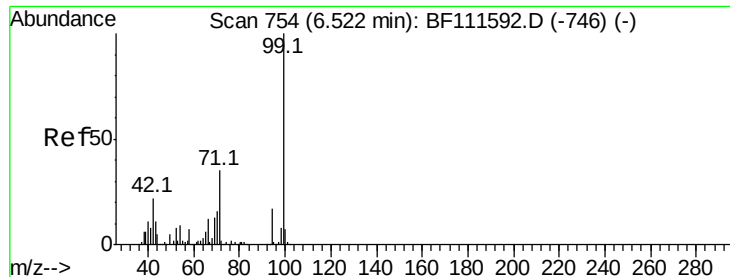
2-Fluorophenol
Concen: 101.928 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:112 Resp: 1164543
Ion Ratio Lower Upper
112 100
64 65.4 51.8 77.6
63 36.0 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: 100.081 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111690.D

Acq: 21 Dec 2018 16:33

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0612-01

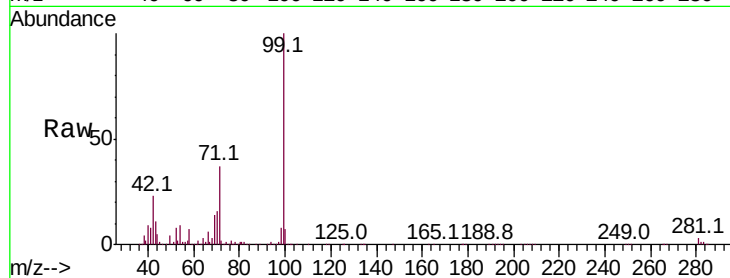
Tot Ion: 99 Resp: 1455190

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

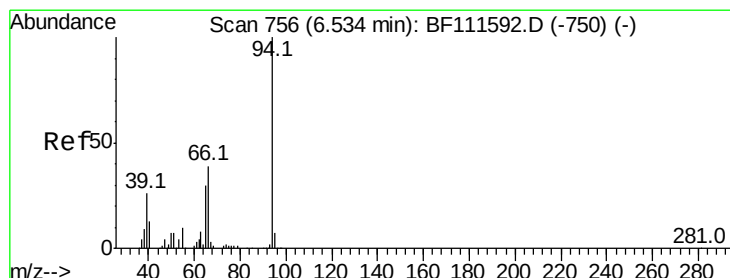
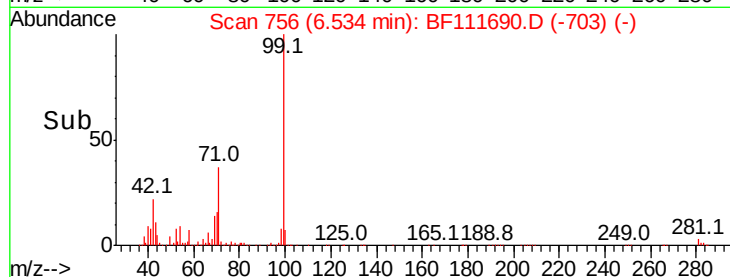
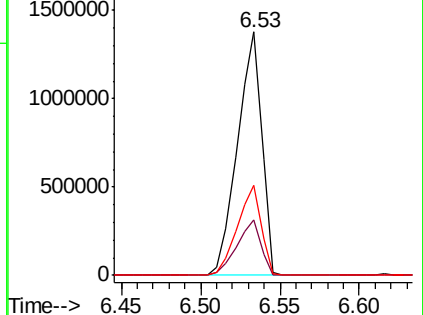
71 36.7 26.1 39.1



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



#10

Phenol

Concen: 7.180 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111690.D

Acq: 21 Dec 2018 16:33

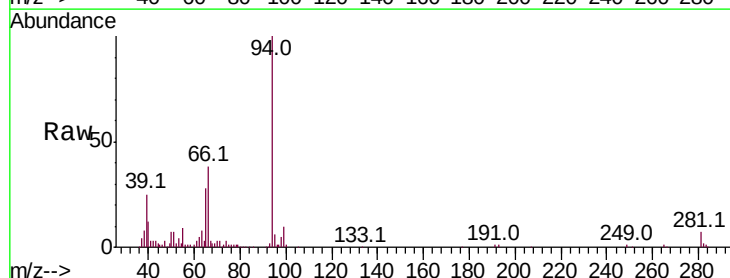
Tgt Ion: 94 Resp: 117800

Ion Ratio Lower Upper

94 100

65 27.8 11.7 51.7

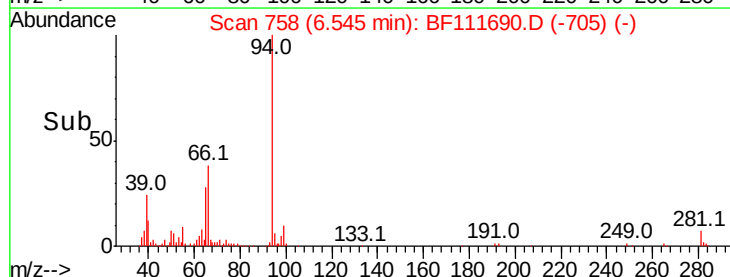
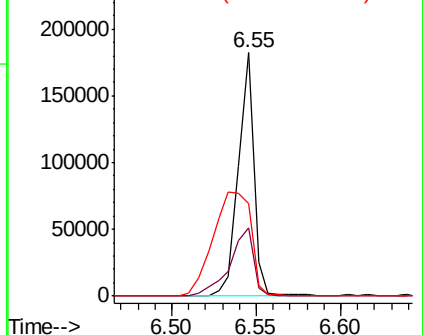
66 38.0 21.0 61.0

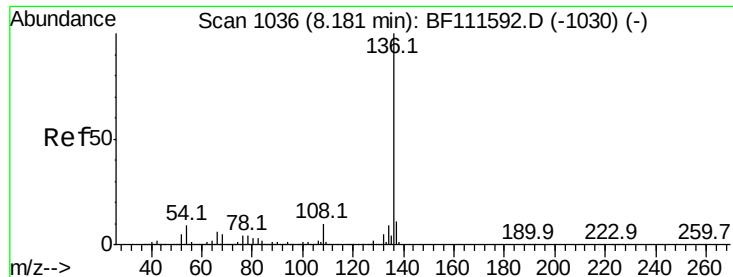


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111690.D

Acq: 21 Dec 2018 16:33

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0612-01

Tot Ion:136 Resp: 696426

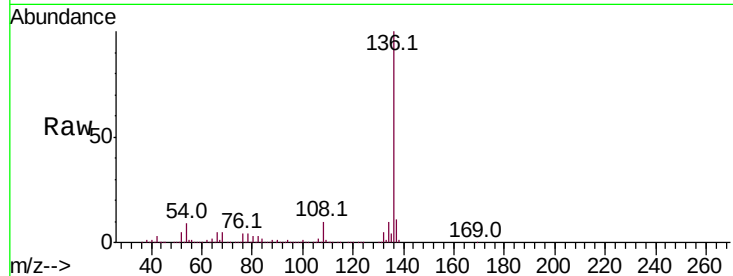
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.6 7.7 11.5

68 5.3 4.9 7.3

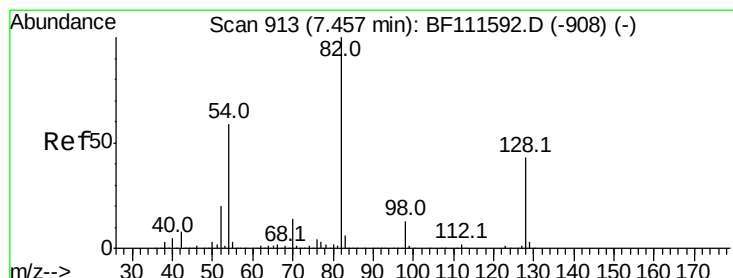
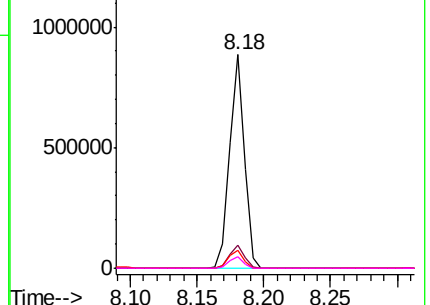
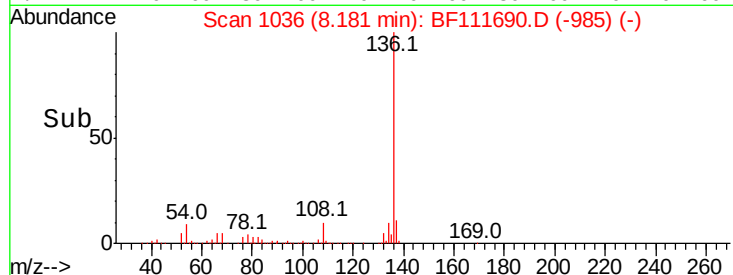


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.495 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111690.D

Acq: 21 Dec 2018 16:33

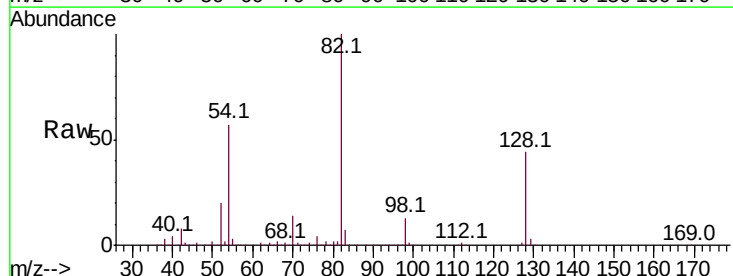
Tgt Ion: 82 Resp: 915225

Ion Ratio Lower Upper

82 100

128 43.5 37.4 56.2

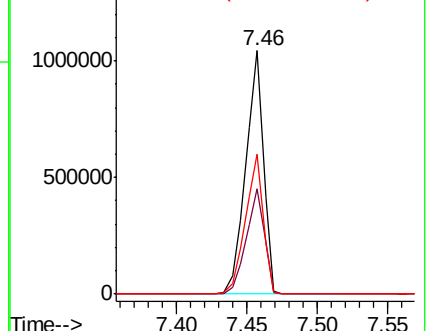
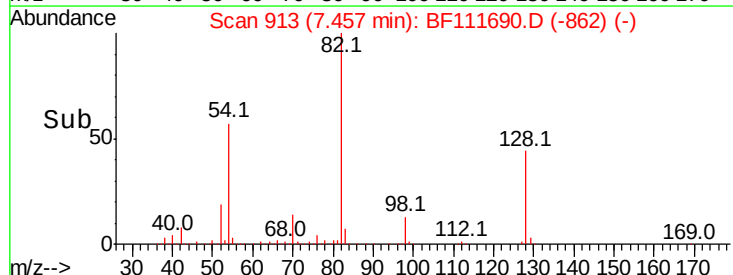
54 57.3 47.6 71.4

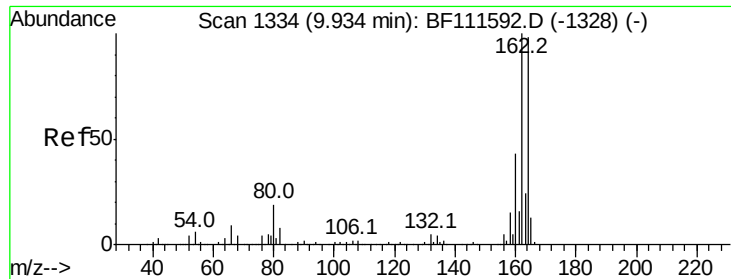


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

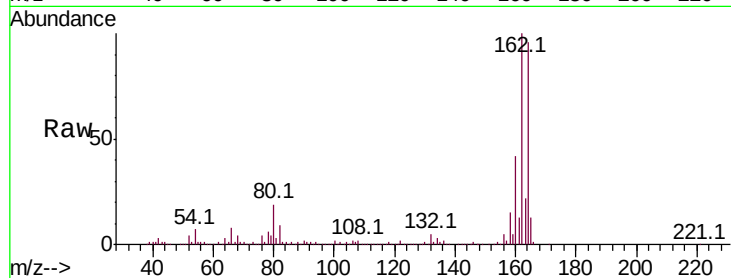




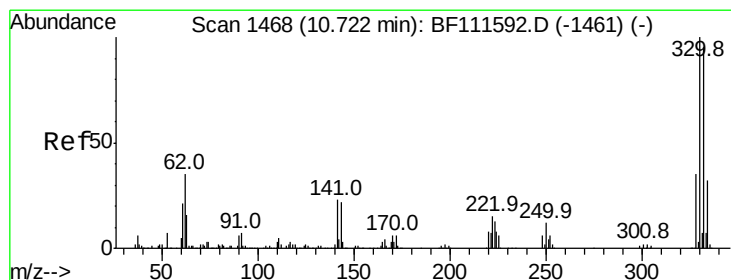
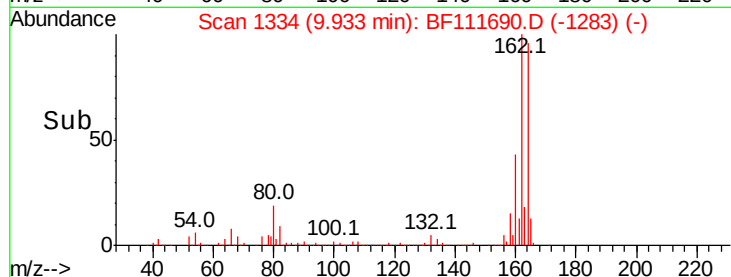
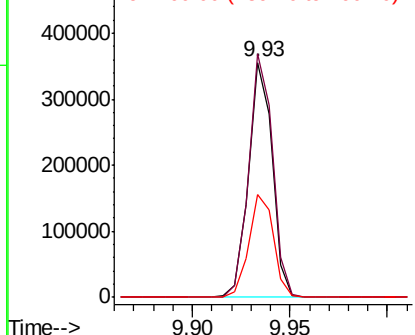
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111690.D
 Acq: 21 Dec 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-0612-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	44.0	35.7	53.5

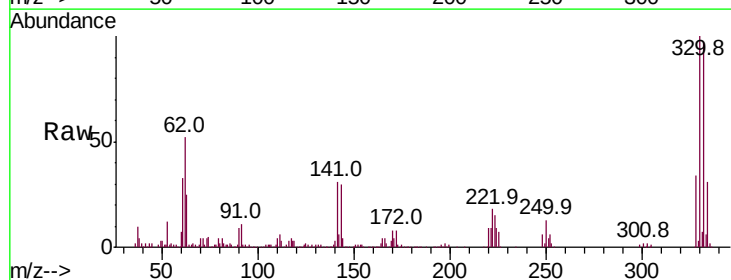


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

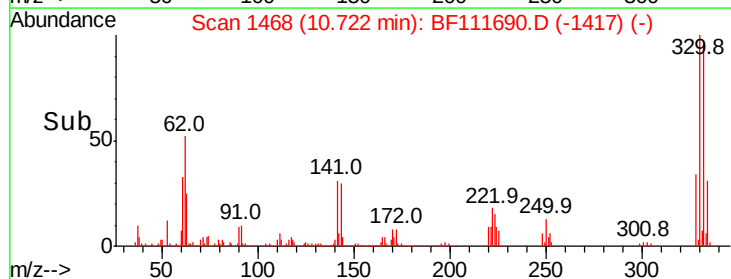
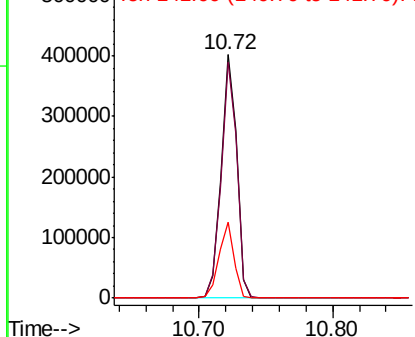


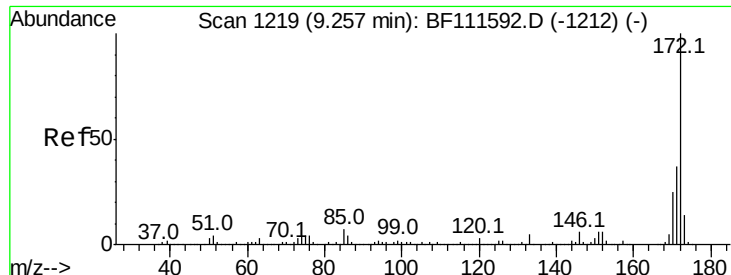
#42
 2,4,6-Tribromophenol
 Concen: 94.761 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111690.D
 Acq: 21 Dec 2018 16:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	29.9	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



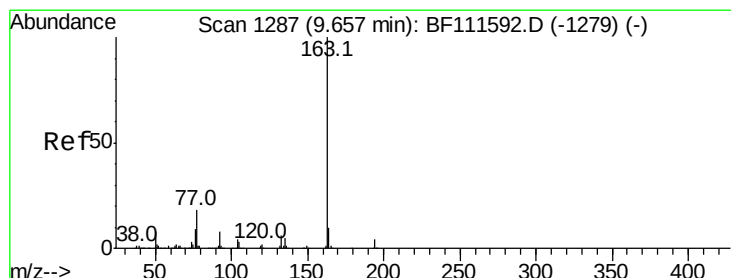
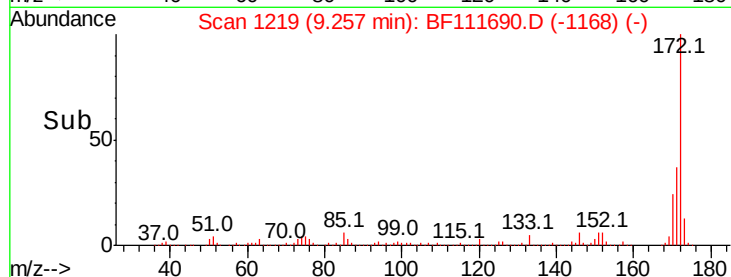
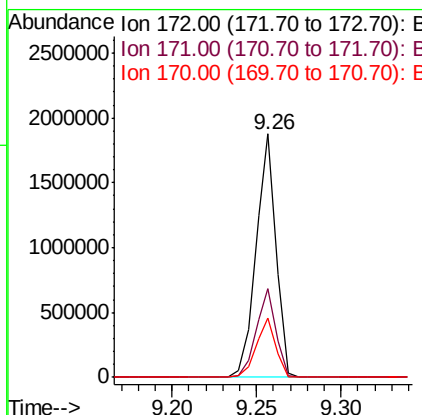
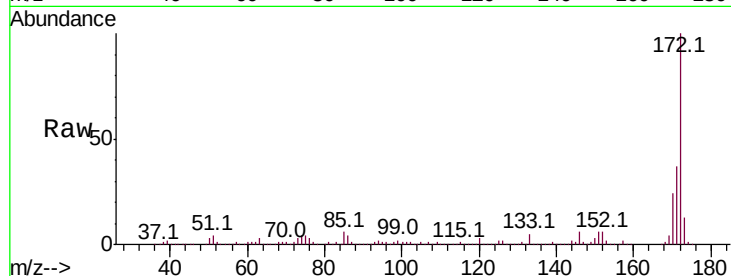


#45
 2-Fluorobiphenyl
 Concen: 75.441 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111690.D
 Acq: 21 Dec 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-0612-01

Tot Ion:172 Resp: 1546839

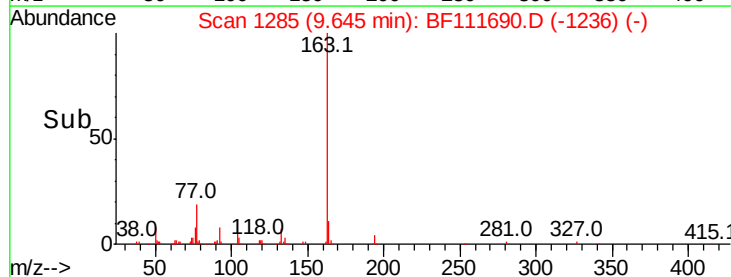
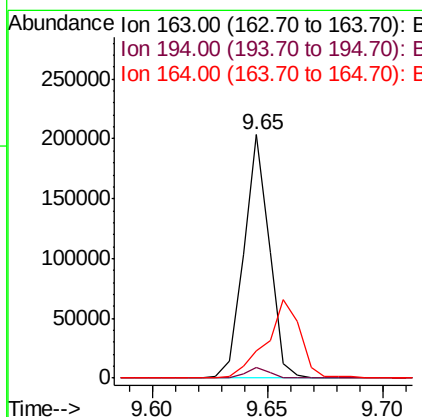
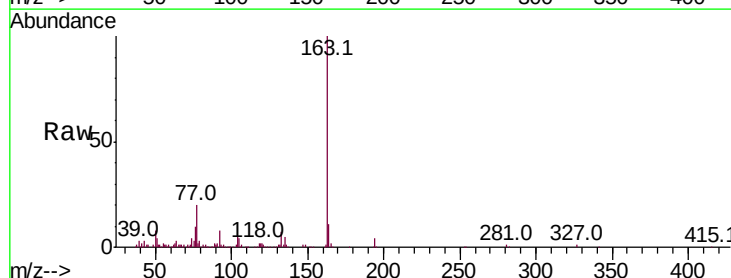
Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.0	49.4
170	24.2	22.3	33.5

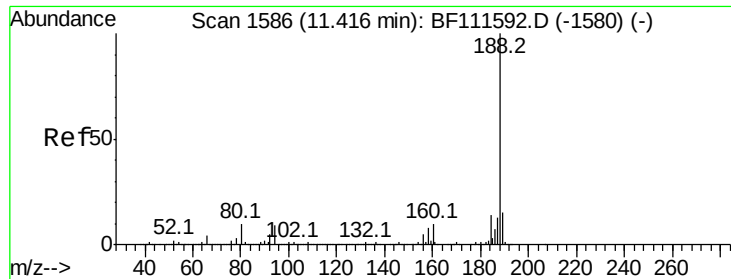


#50
 Dimethylphthalate
 Concen: 7.154 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF111690.D
 Acq: 21 Dec 2018 16:33

Tgt Ion:163 Resp: 156354

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	11.1	8.9	13.3

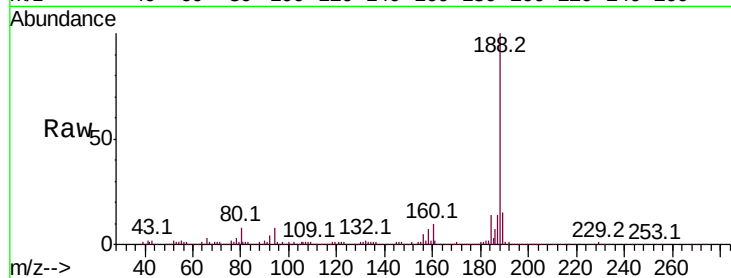




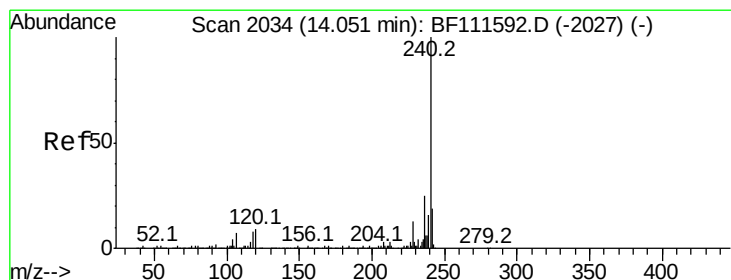
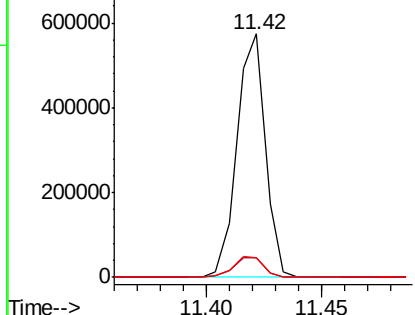
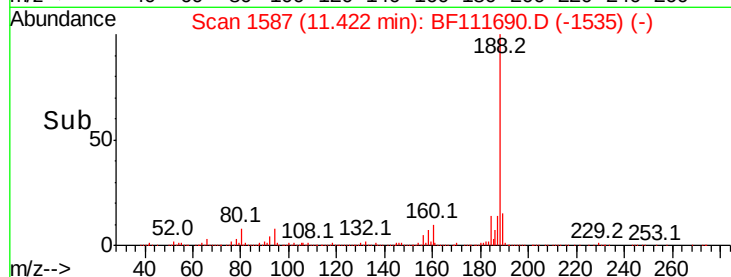
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tot Ion:188 Resp: 492424
Ion Ratio Lower Upper
188 100
94 8.0 9.6 14.4#
80 8.2 9.8 14.6#

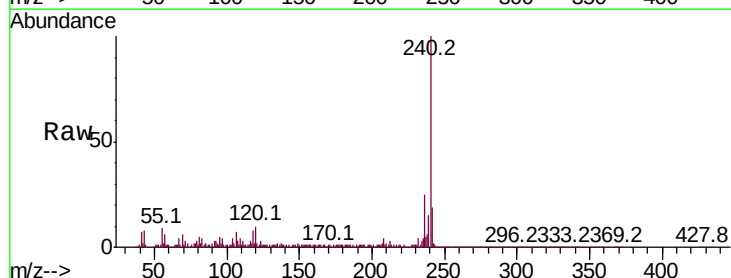


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

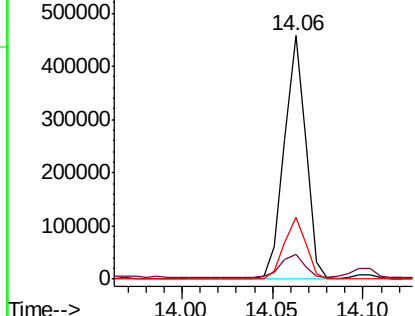
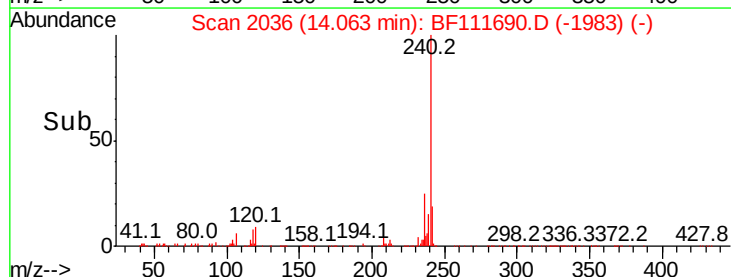


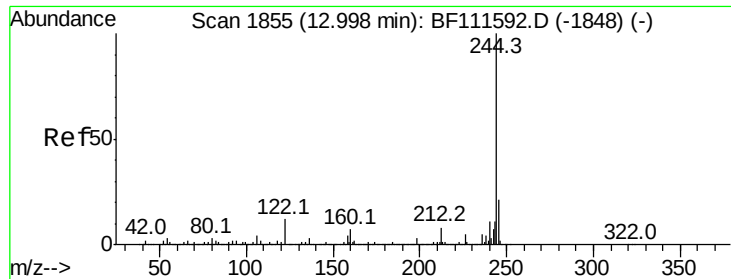
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:240 Resp: 378997
Ion Ratio Lower Upper
240 100
120 10.2 12.2 18.2#
236 25.2 20.2 30.2



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: 64.922 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111690.D

Acq: 21 Dec 2018 16:33

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0612-01

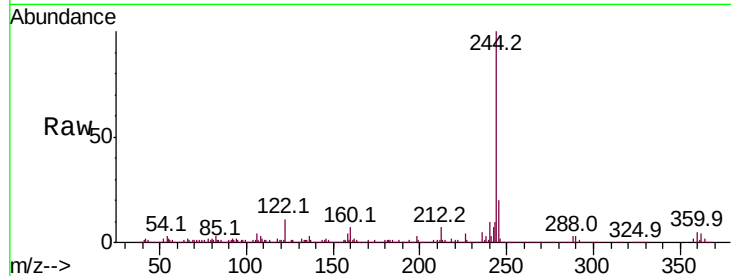
Tot Ion:244 Resp: 1297469

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

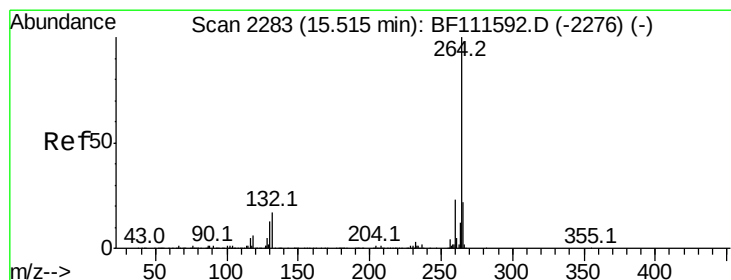
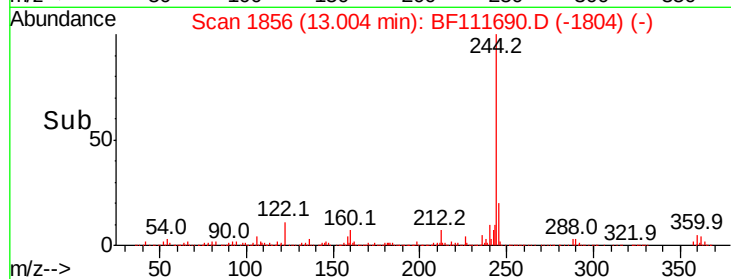
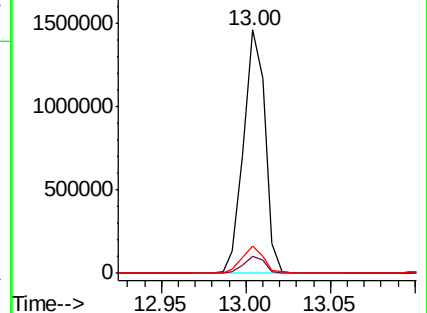
122 11.4 13.1 19.7#



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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111690.D

Acq: 21 Dec 2018 16:33

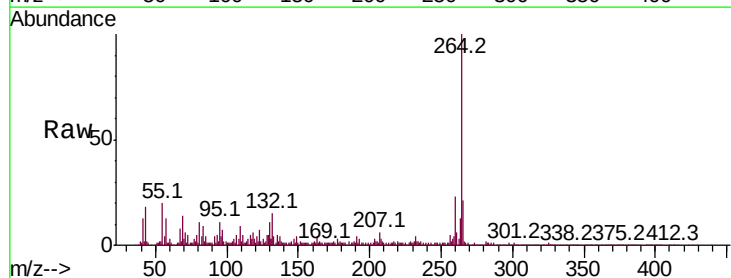
Tgt Ion:264 Resp: 273630

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 21.4 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

