

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095587.D
 Acq On : 1 Jun 2017 5:25
 Operator : SJ/MA
 Sample : I3354-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33R

Quant Time: Jun 01 08:05:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 04:09:22 2017
 Response via : Initial Calibration

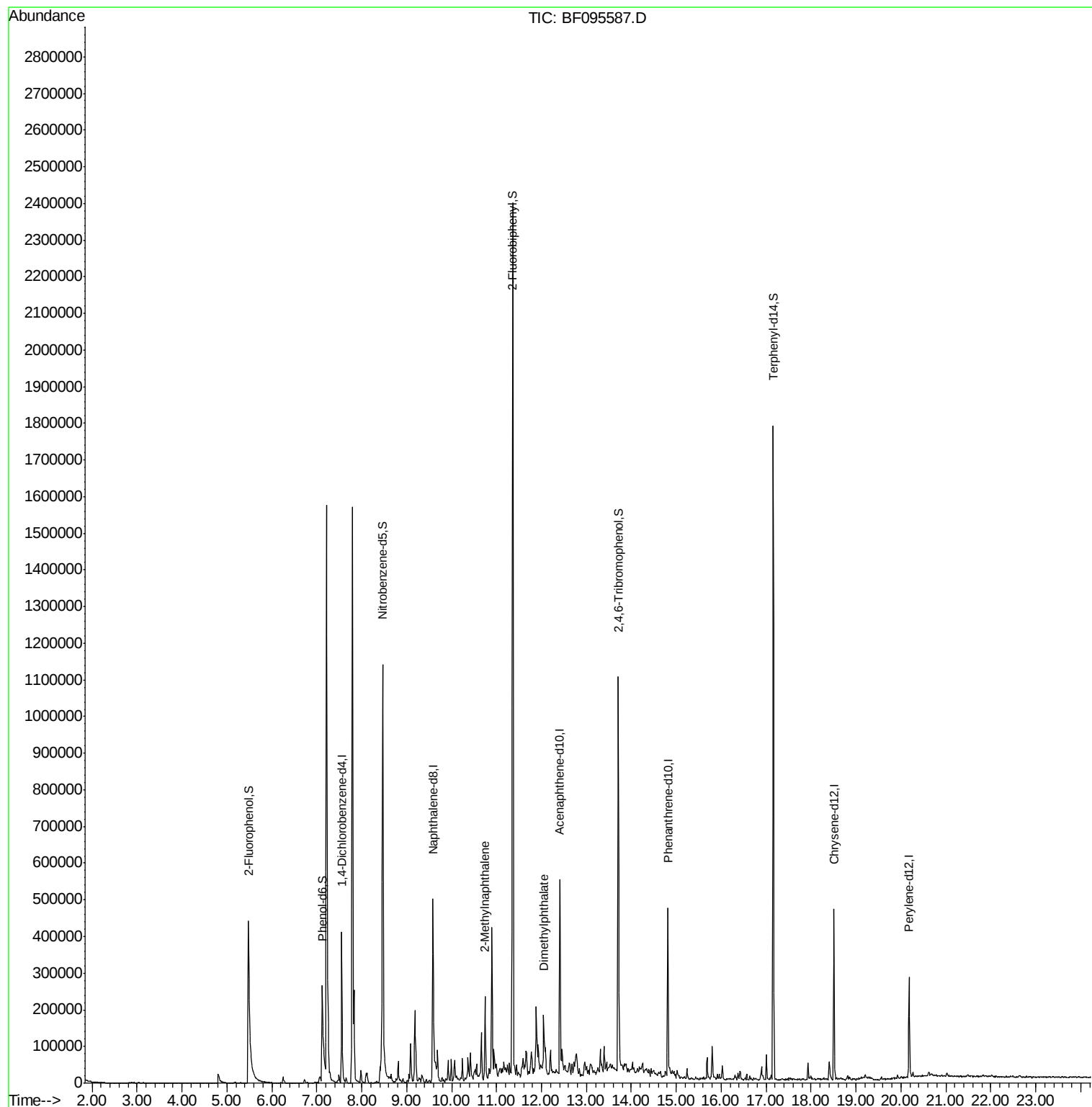
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	95674	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	326909	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	149855	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	229151	20.00	ng	0.00
75) Chrysene-d12	18.51	240	194211	20.00	ng	0.00
86) Perylene-d12	20.18	264	129819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	394761	68.79	ng	0.01
7) Phenol-d6	7.12	99	289862	42.10	ng	0.00
23) Nitrobenzene-d5	8.47	82	593141	114.41	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	179801	146.51	ng	0.00
44) 2-Fluorobiphenyl	11.37	172	1121296	107.70	ng	0.00
78) Terphenyl-d14	17.16	244	649538	73.66	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	10.75	142	84664	7.85	ng	Qvalue 97
49) Dimethylphthalate	12.05	163	75229	6.12	ng	# 94

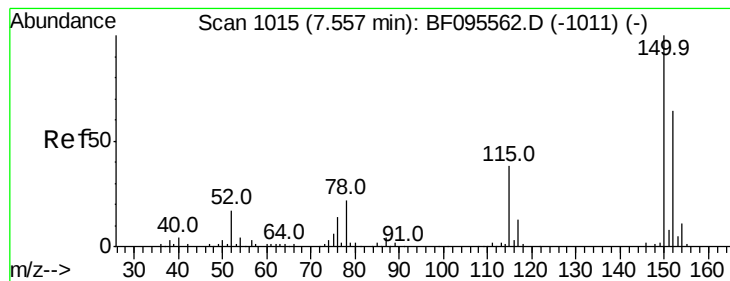
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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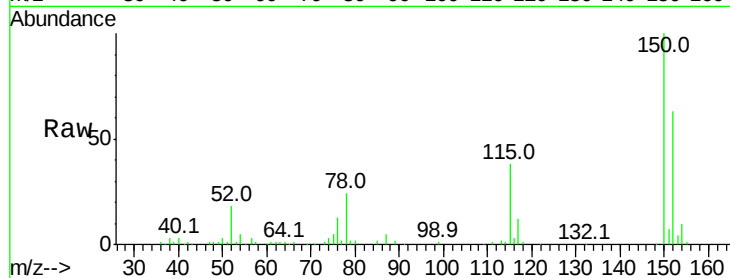


#1

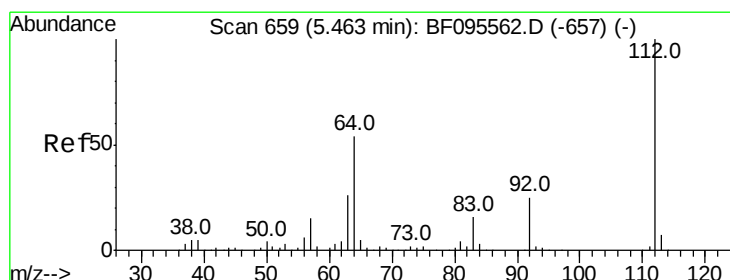
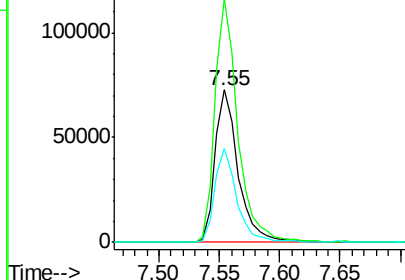
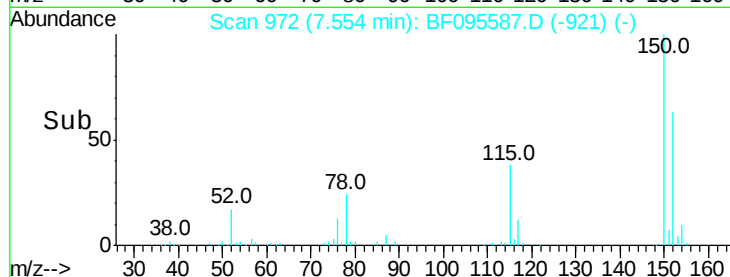
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.55 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF095587.D
 Acq: 1 Jun 2017 5:25

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33R

Tot Ion:152 Resp: 95674
 Ion Ratio Lower Upper
 152 100
 150 159.6 126.2 189.2
 115 61.4 52.2 78.2



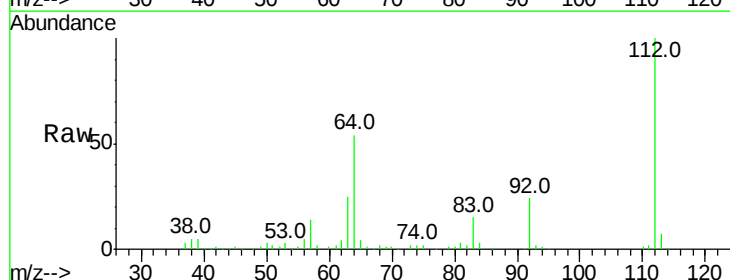
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



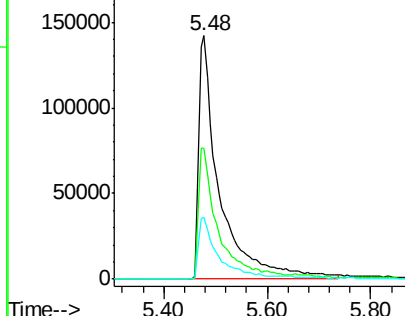
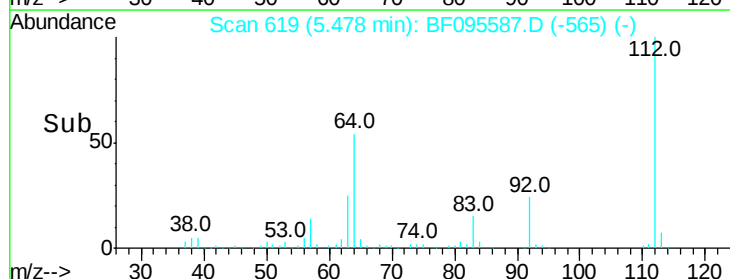
#5

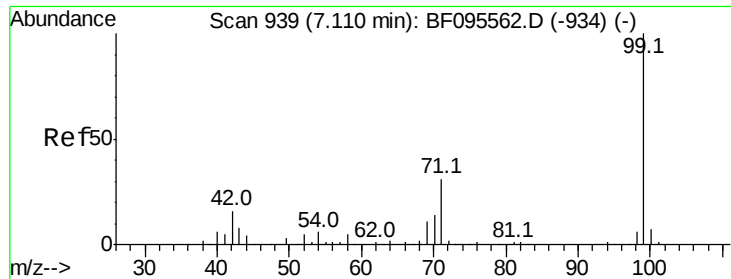
2-Fluorophenol
 Concen: 68.79 ng
 RT: 5.48 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF095587.D
 Acq: 1 Jun 2017 5:25

Tgt Ion:112 Resp: 394761
 Ion Ratio Lower Upper
 112 100
 64 53.8 46.0 69.0
 63 25.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.10 ng

RT: 7.12 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF095587.D

Acq: 1 Jun 2017 5:25

Instrument :

BNA_F

ClientSampled :

ERM-33R

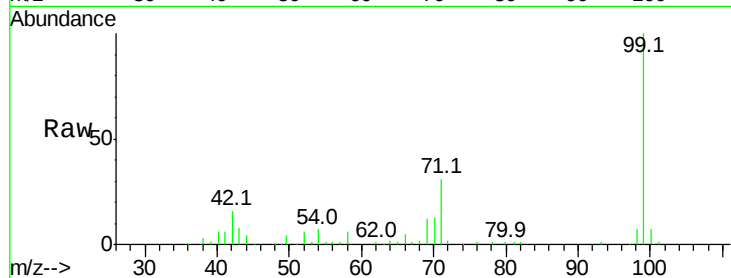
Tot Ion: 99 Resp: 289862

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

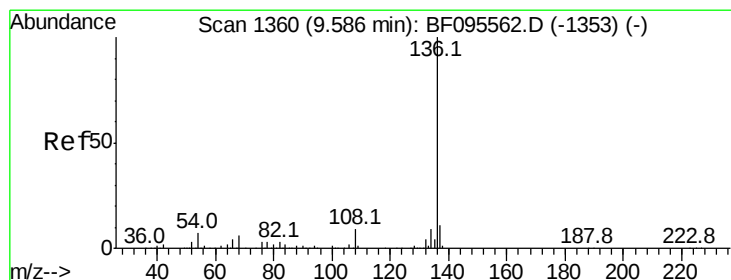
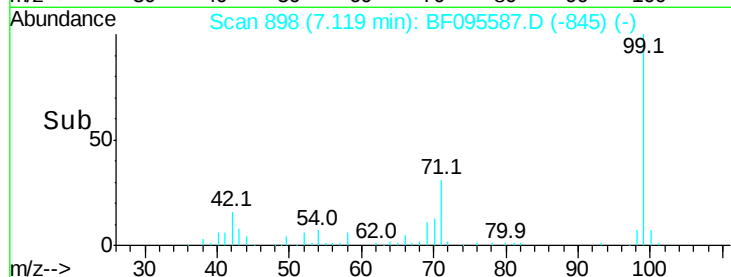
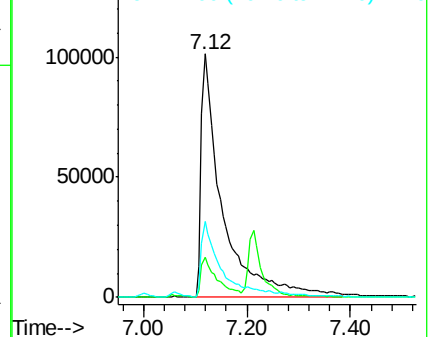
71 31.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.58 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF095587.D

Acq: 1 Jun 2017 5:25

Tgt Ion:136 Resp: 326909

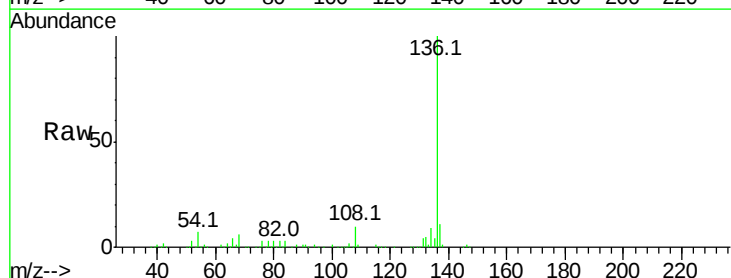
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.1 4.9 7.3

68 5.6 4.1 6.1

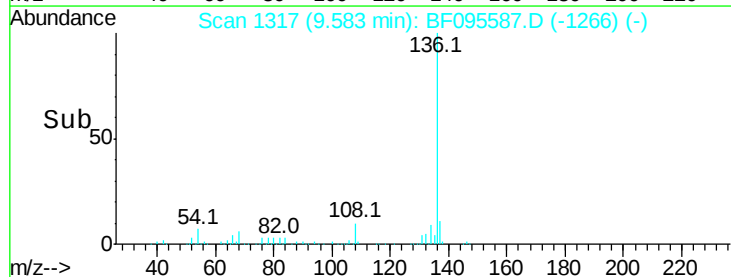
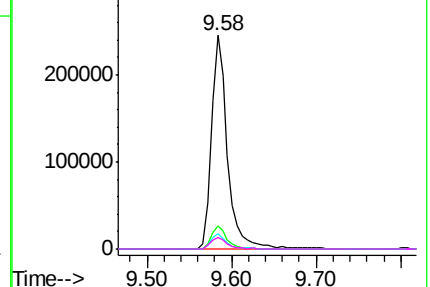


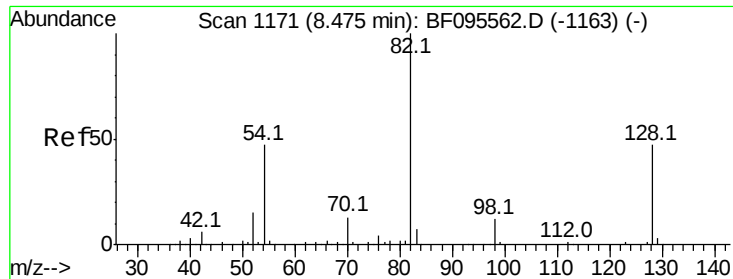
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

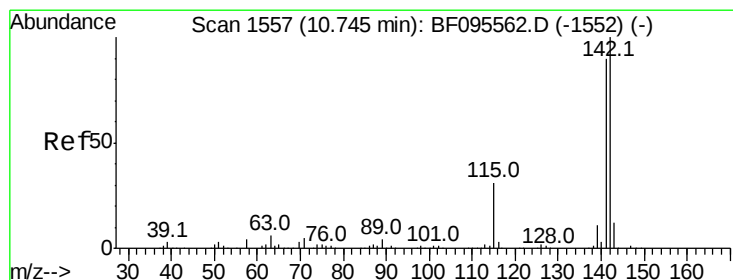
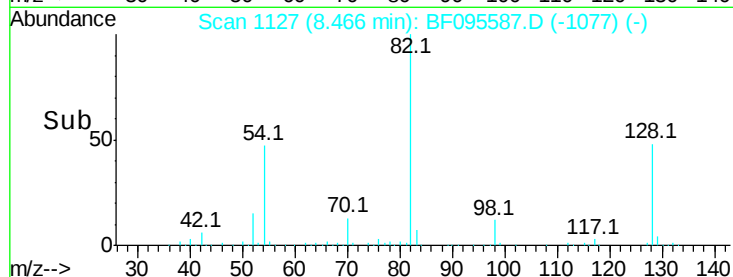
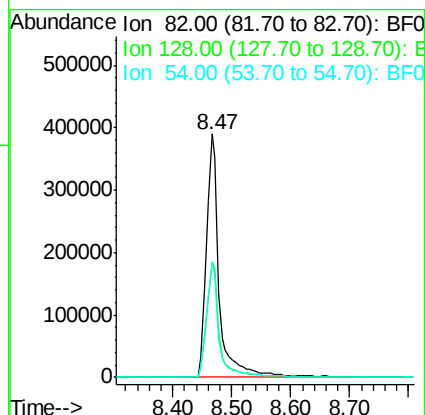
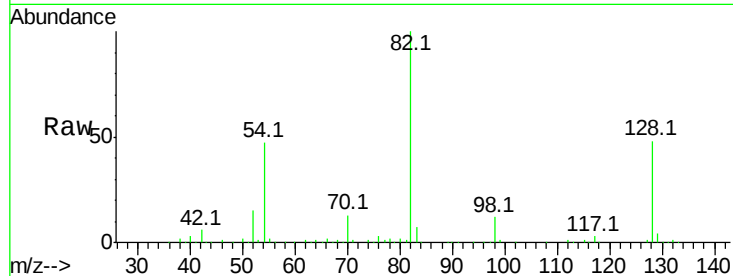




#23
 Nitrobenzene-d5
 Concen: 114.41 ng
 RT: 8.47 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF095587.D
 Acq: 1 Jun 2017 5:25

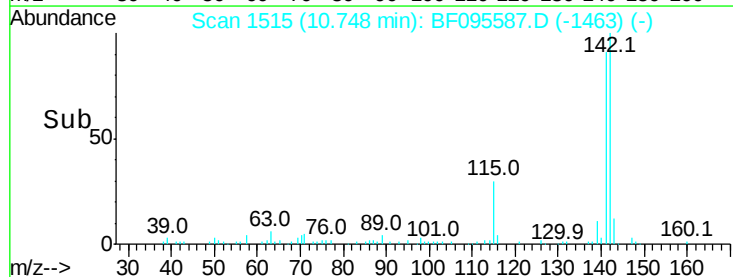
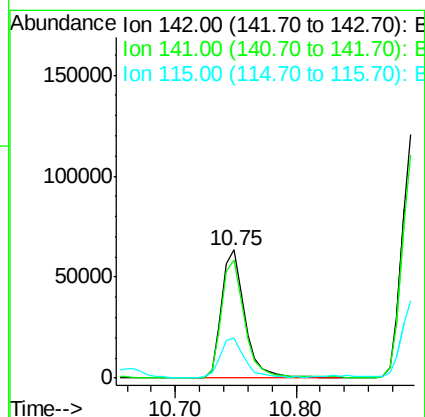
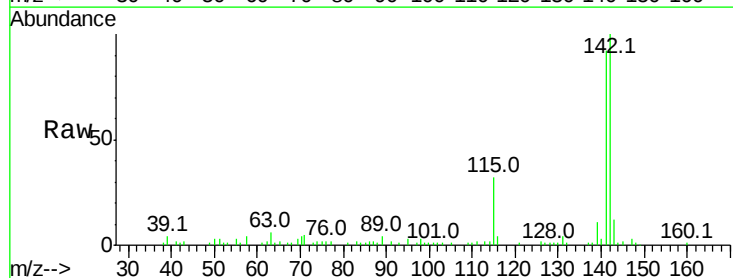
Instrument :
 BNA_F
 ClientSampled :
 ERM-33R

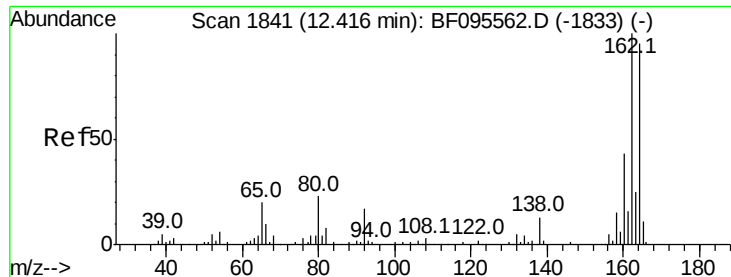
Tot Ion: 82 Resp: 593141
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 47.4 42.2 63.2



#37
 2-Methylnaphthalene
 Concen: 7.85 ng
 RT: 10.75 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF095587.D
 Acq: 1 Jun 2017 5:25

Tgt Ion:142 Resp: 84664
 Ion Ratio Lower Upper
 142 100
 141 91.9 71.3 106.9
 115 31.5 27.1 40.7

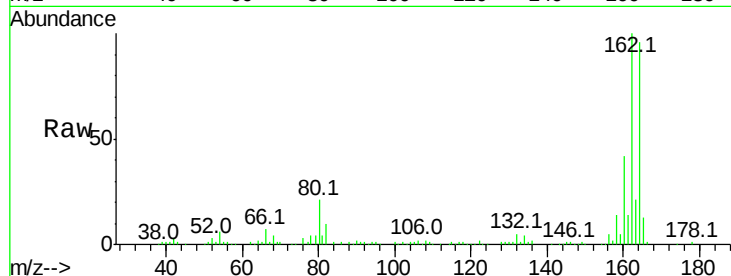




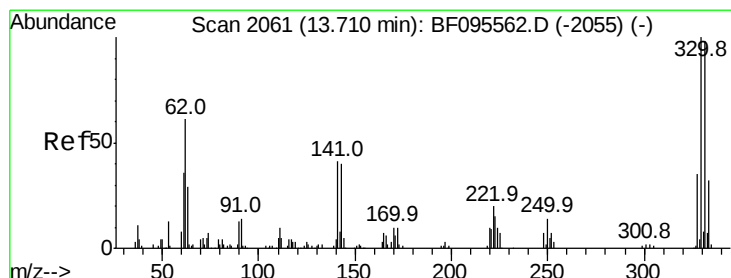
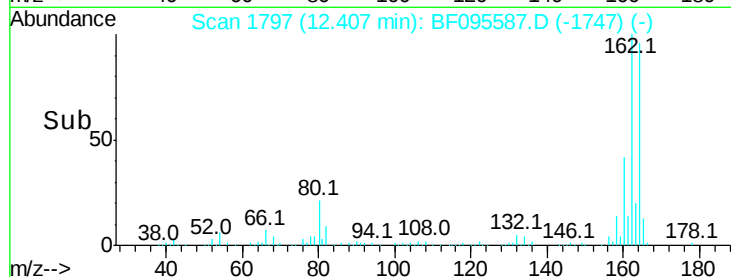
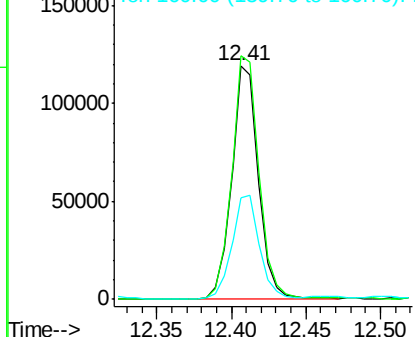
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF095587.D
Acq: 1 Jun 2017 5:25

Instrument :
BNA_F
ClientSampleId :
ERM-33R

Tot Ion:164 Resp: 149855
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 43.7 36.2 54.2

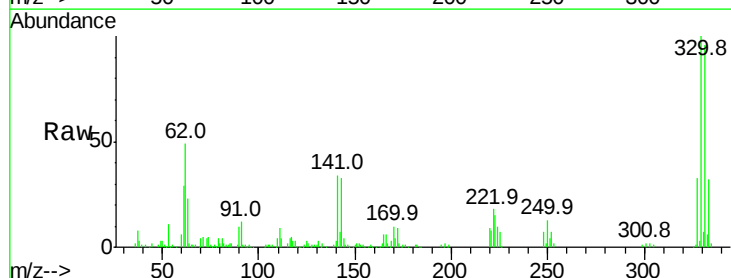


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

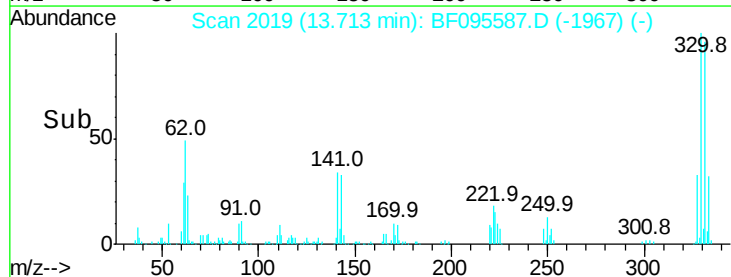
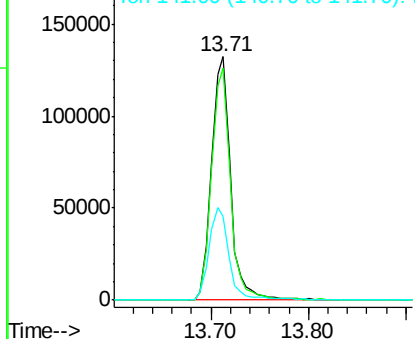


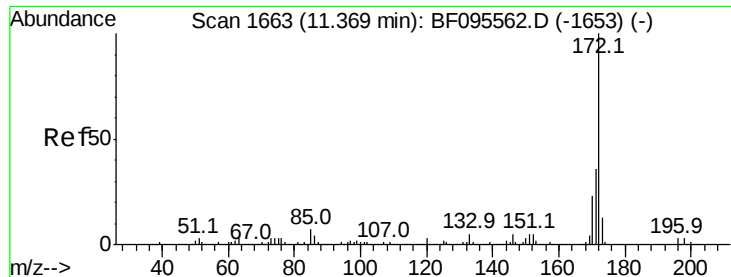
#41
2,4,6-Tribromophenol
Concen: 146.51 ng
RT: 13.71 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF095587.D
Acq: 1 Jun 2017 5:25

Tgt Ion:330 Resp: 179801
Ion Ratio Lower Upper
330 100
332 94.3 76.6 115.0
141 40.0 31.4 47.2



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

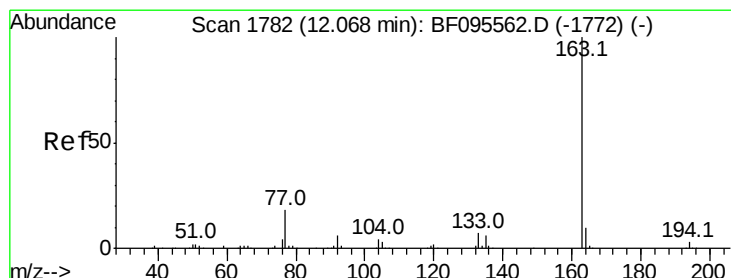
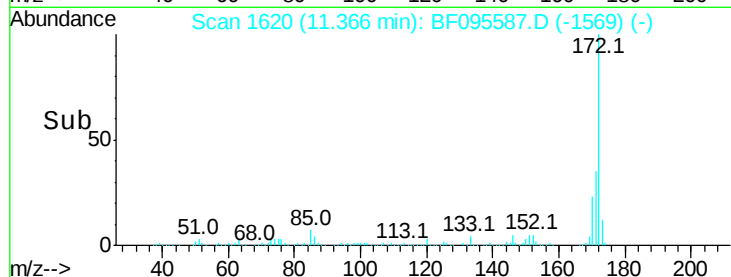
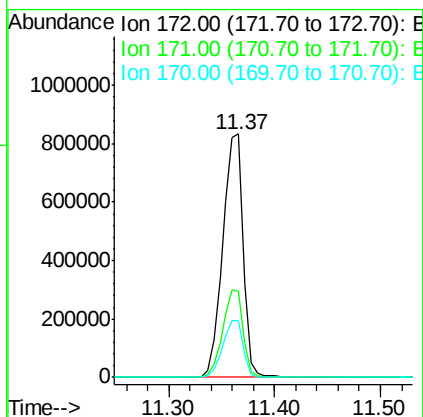
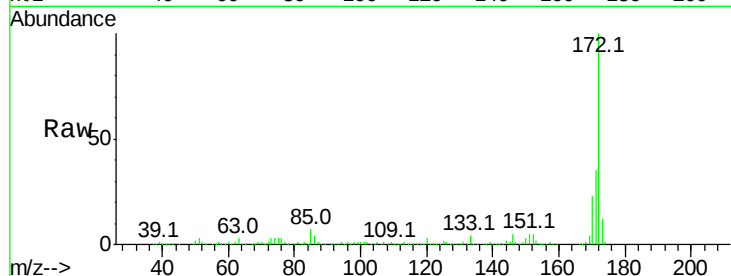




#44
2-Fluorobiphenyl
Concen: 107.70 ng
RT: 11.37 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BF095587.D
Acq: 1 Jun 2017 5:25

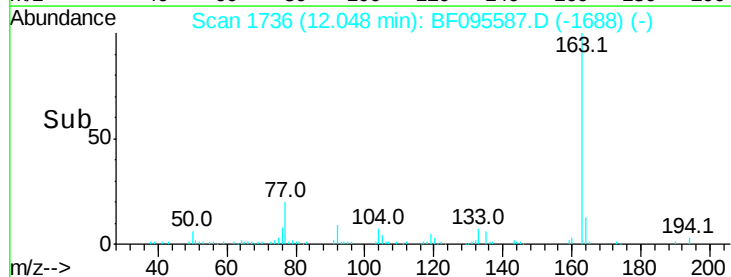
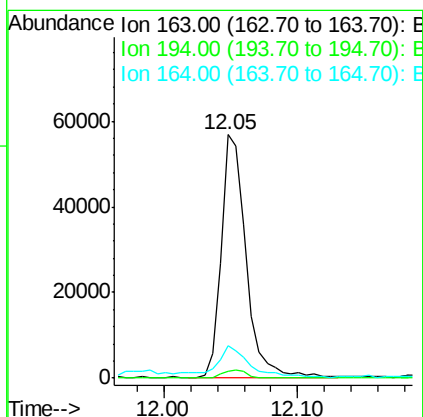
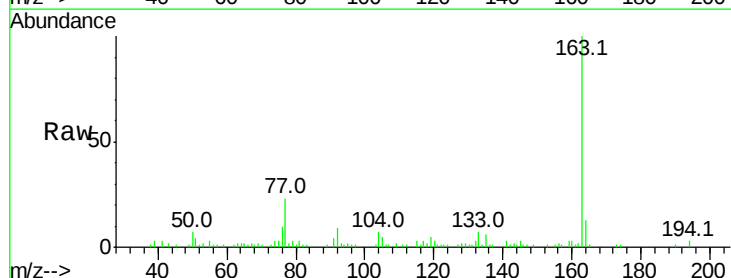
Instrument :
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ERM-33R

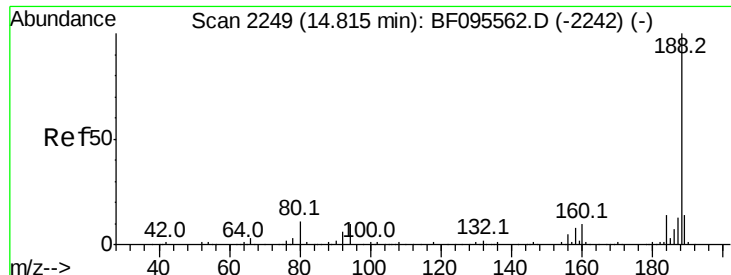
Tot Ion:172 Resp: 1121296
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 6.12 ng
RT: 12.05 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BF095587.D
Acq: 1 Jun 2017 5:25

Tgt Ion:163 Resp: 75229
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 13.4 8.4 12.6#

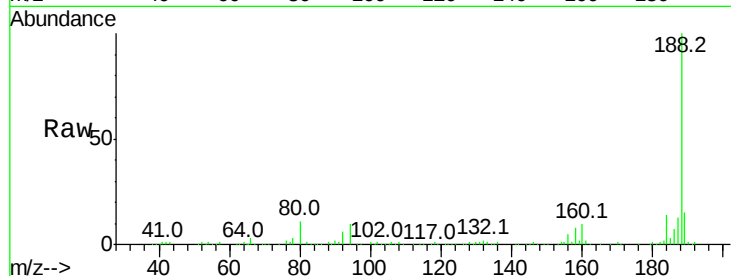




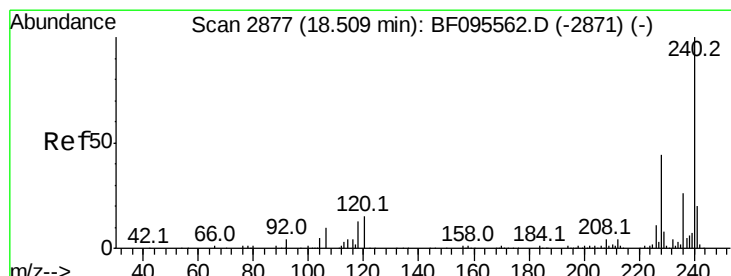
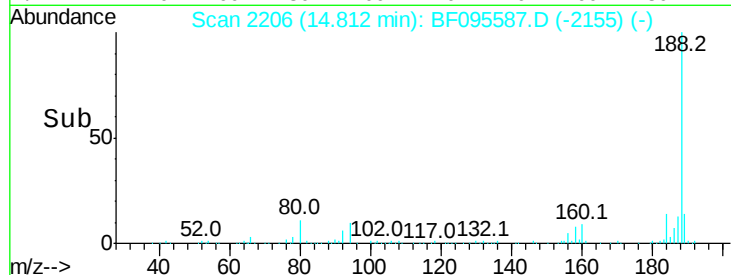
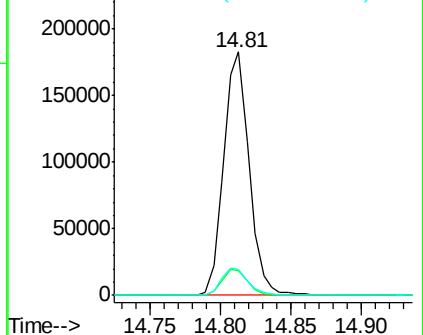
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF095587.D
Acq: 1 Jun 2017 5:25

Instrument :
BNA_F
ClientSampleId :
ERM-33R

Tot Ion:188 Resp: 229151
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 10.8 10.2 15.2

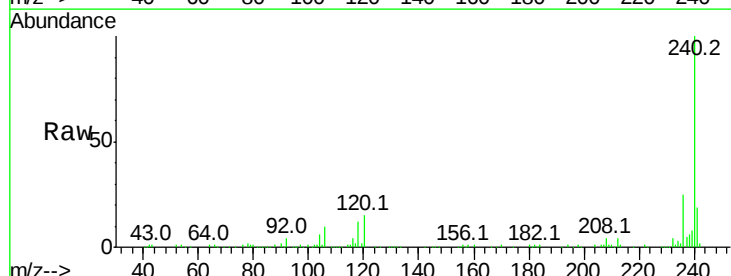


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

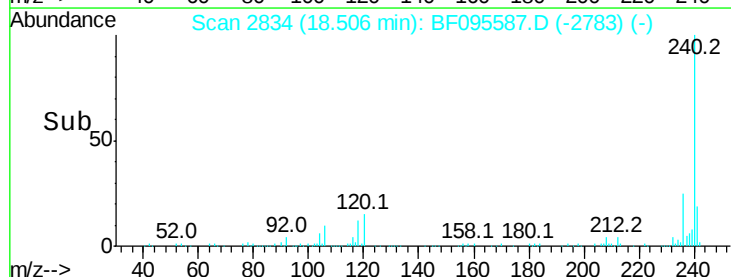
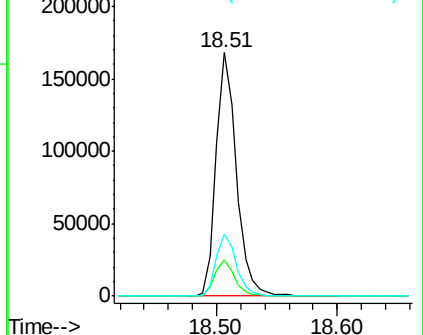


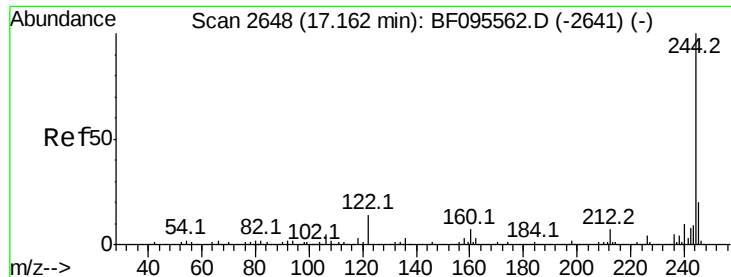
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BF095587.D
Acq: 1 Jun 2017 5:25

Tgt Ion:240 Resp: 194211
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.5 20.5 30.7



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

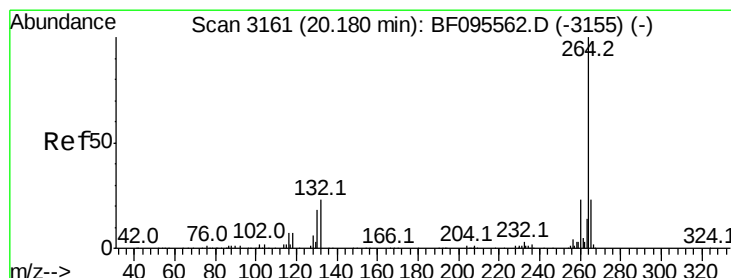
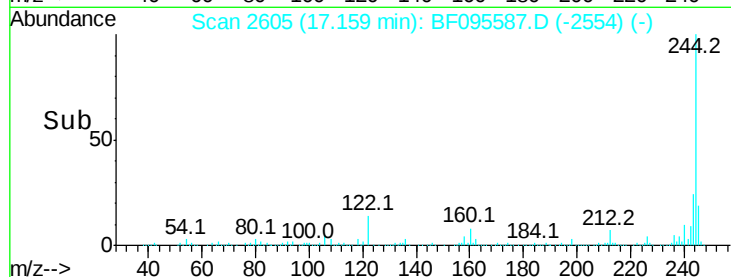
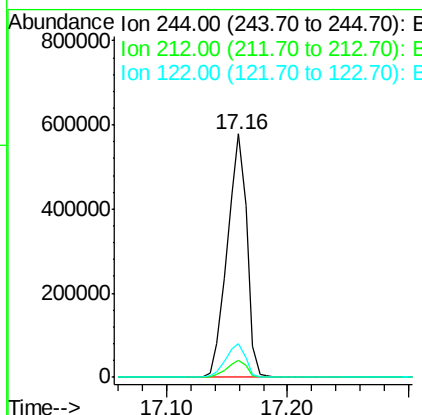
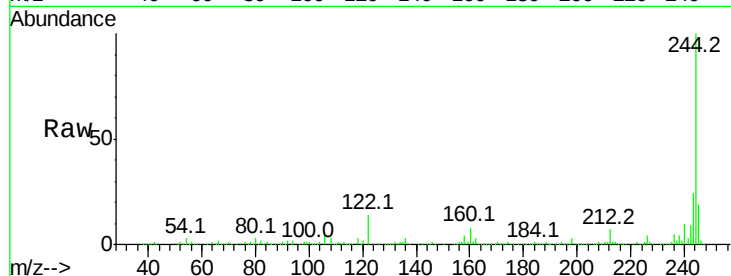




#78
 Terphenyl-d14
 Concen: 73.66 ng
 RT: 17.16 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BF095587.D
 Acq: 1 Jun 2017 5:25

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33R

Tot Ion:244 Resp: 649538
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.18 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: BF095587.D
 Acq: 1 Jun 2017 5:25

Tgt Ion:264 Resp: 129819
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.0 17.2 25.8

