

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117592.D
 Acq On : 29 Oct 2019 15:51
 Operator : JU
 Sample : K5540-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 156-56-(0-1.3)

Quant Time: Oct 30 03:36:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

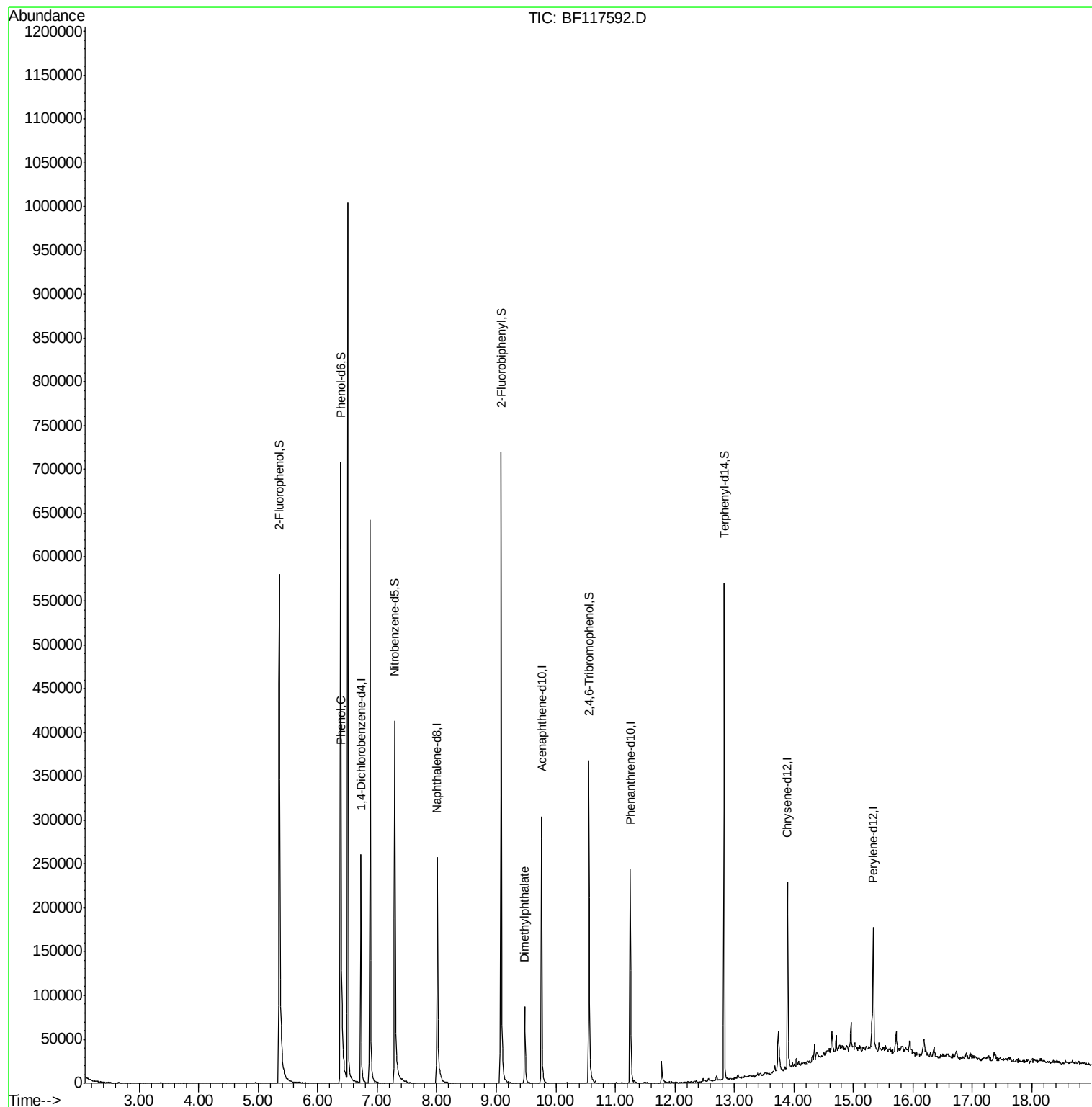
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41549	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	163172	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	75147	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	107950	20.00	ng	0.00
76) Chrysene-d12	13.89	240	77275	20.00	ng	0.00
87) Perylene-d12	15.33	264	62876	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	244130	87.41	ng	0.00
7) Phenol-d6	6.39	99	336864	89.80	ng	0.00
23) Nitrobenzene-d5	7.29	82	193127	58.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	49479	76.10	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	242525	45.47	ng	-0.01
79) Terphenyl-d14	12.83	244	173016	36.52	ng	0.00
Target Compounds						
10) Phenol	6.40	94	14688	3.836	ng	87
50) Dimethylphthalate	9.48	163	45787	8.547	ng	100

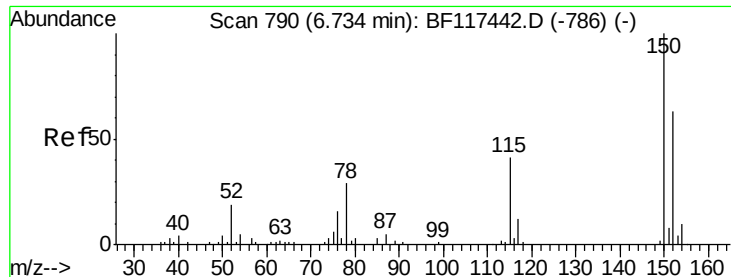
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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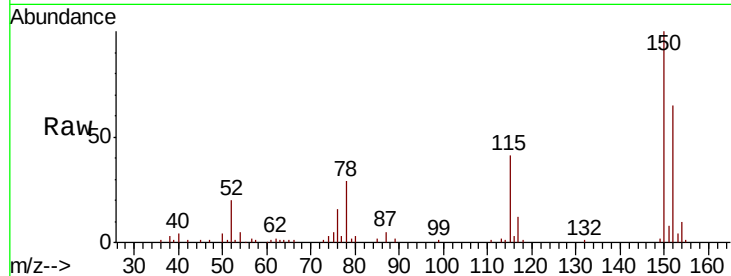


#1

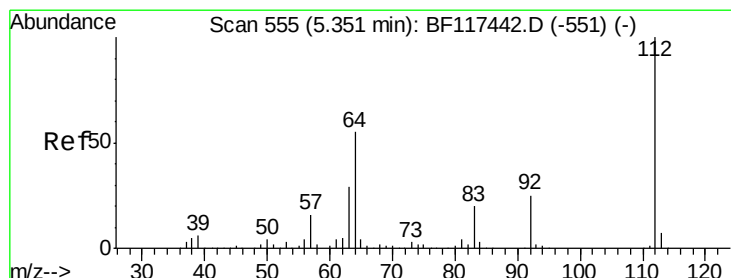
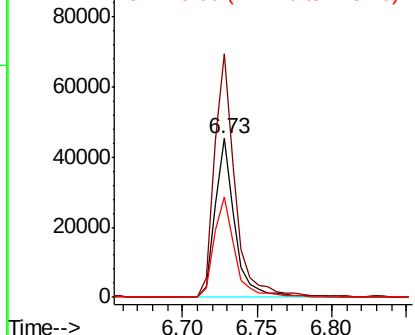
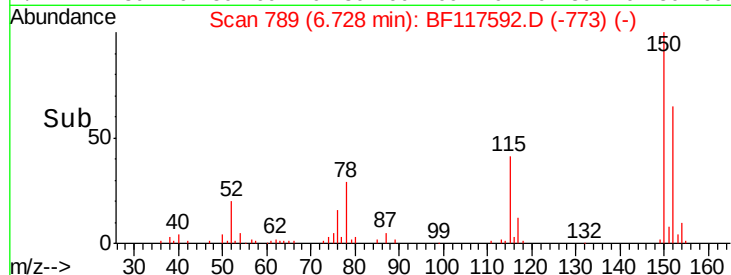
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF117592.D
 Acq: 29 Oct 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :
 156-56-(0-1.3)

Tot Ion:152 Resp: 41549
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.8 190.2
 115 63.0 51.6 77.4



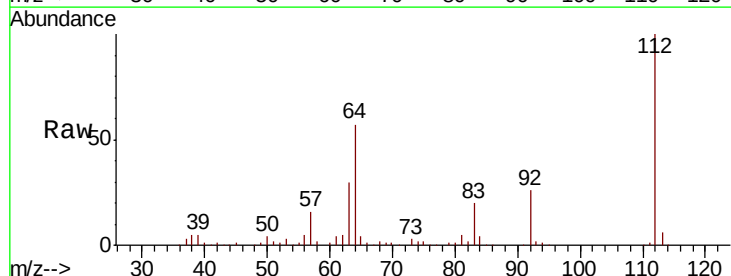
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



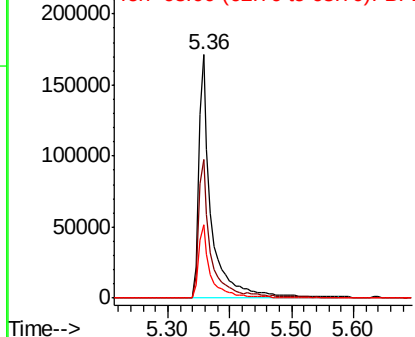
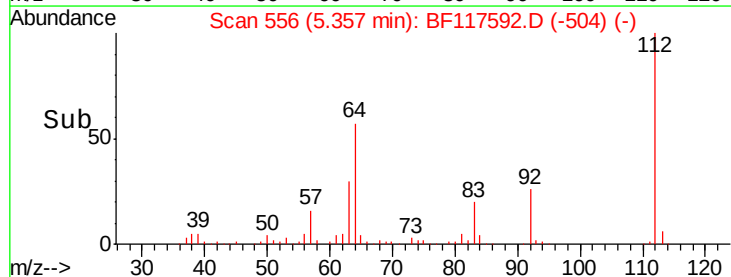
#5

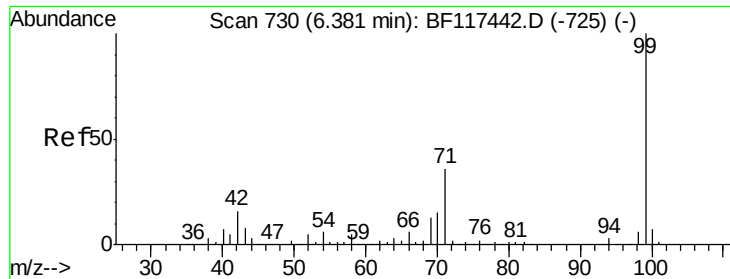
2-Fluorophenol
 Concen: 87.413 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF117592.D
 Acq: 29 Oct 2019 15:51

Tgt Ion:112 Resp: 244130
 Ion Ratio Lower Upper
 112 100
 64 57.0 44.1 66.1
 63 30.2 23.4 35.2



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: 89.804 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117592.D

Acq: 29 Oct 2019 15:51

Instrument :

BNA_F

ClientSampleId :

156-56-(0-1.3)

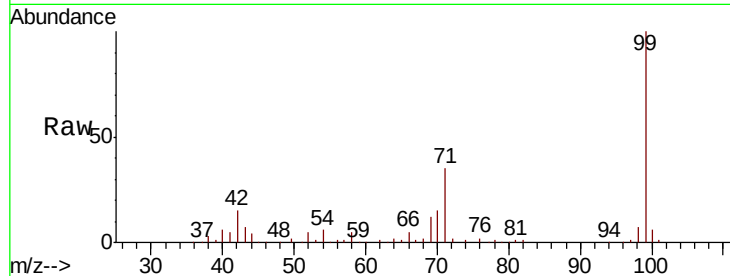
Tot Ion: 99 Resp: 336864

Ion Ratio Lower Upper

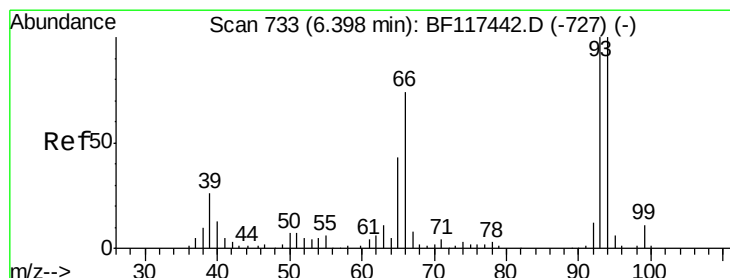
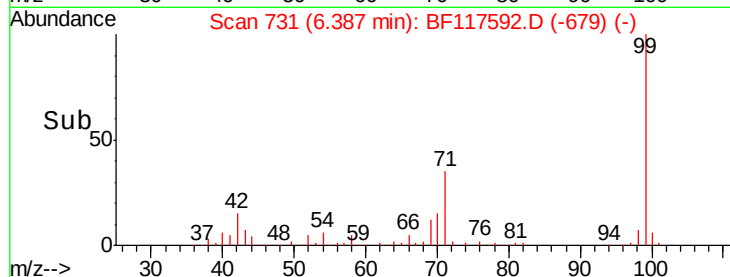
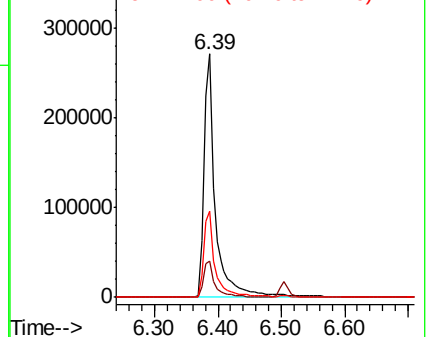
99 100

42 14.7 12.8 19.2

71 35.5 28.6 43.0



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: 3.836 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117592.D

Acq: 29 Oct 2019 15:51

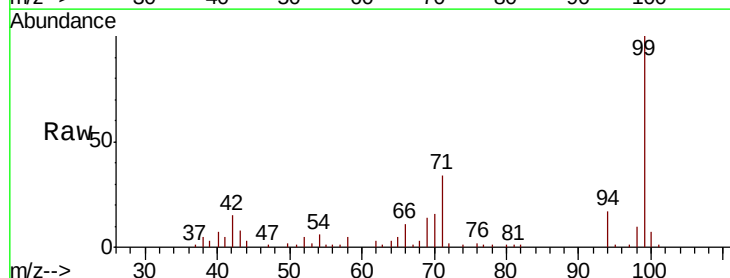
Tgt Ion: 94 Resp: 14688

Ion Ratio Lower Upper

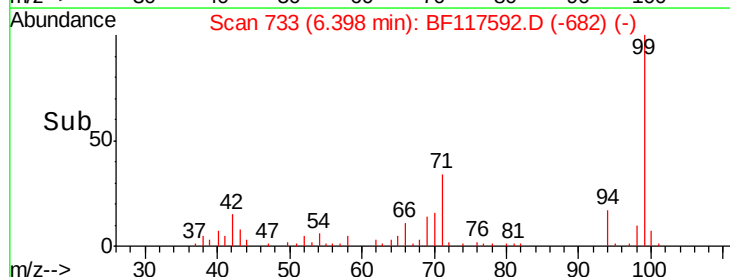
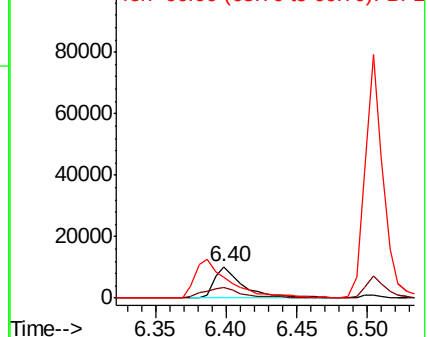
94 100

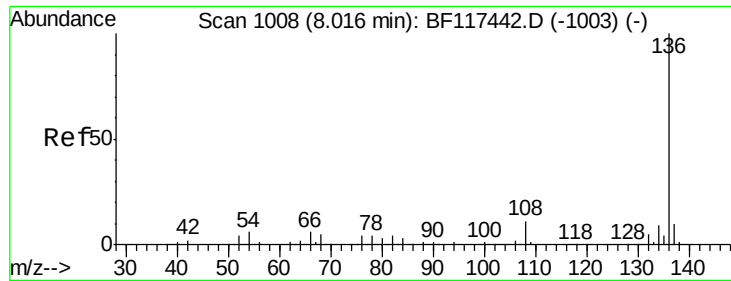
65 32.9 23.4 63.4

66 65.4 54.7 94.7



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

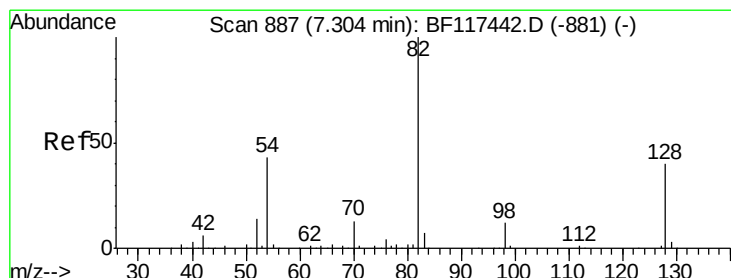
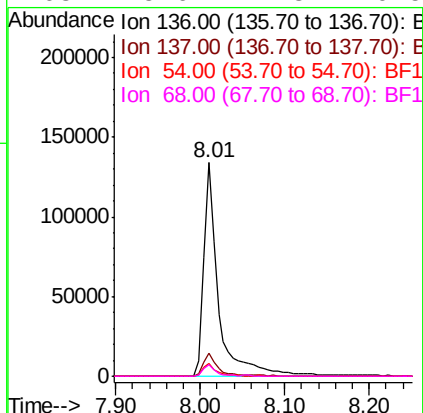
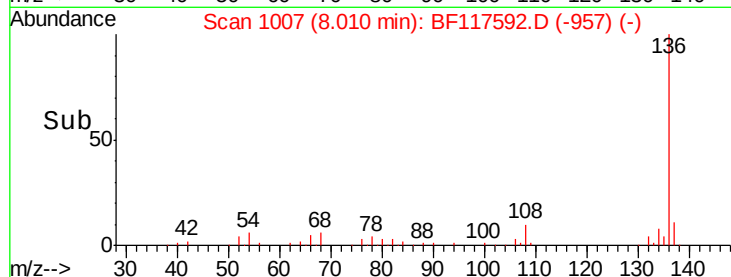
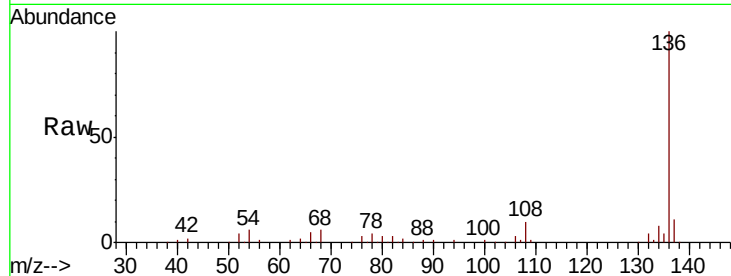




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117592.D
Acq: 29 Oct 2019 15:51

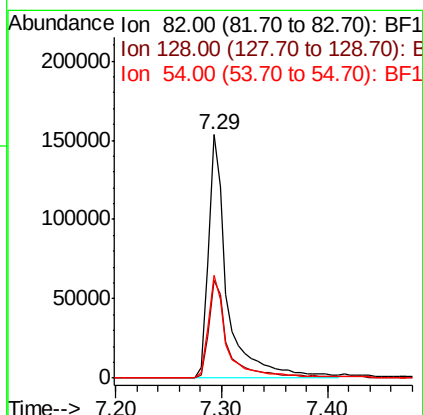
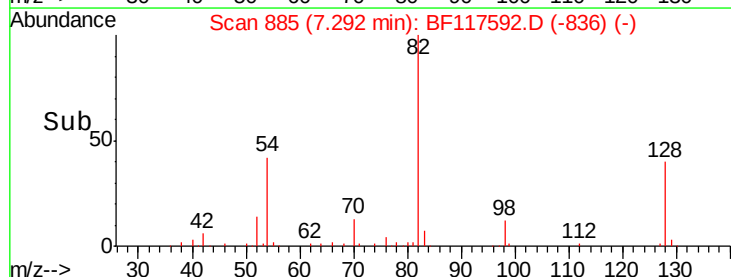
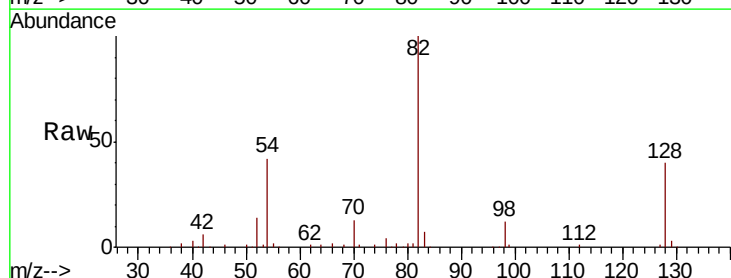
Instrument :
BNA_F
ClientSampleId :
156-56-(0-1.3)

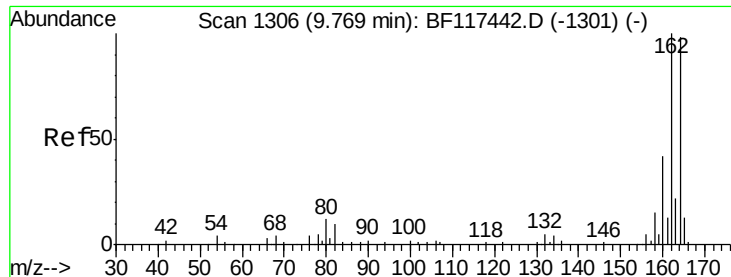
Tot Ion:136	Resp:	163172
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.2 12.4
54	5.8	4.5 6.7
68	5.6	4.3 6.5



#23
Nitrobenzene-d5
Concen: 58.431 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117592.D
Acq: 29 Oct 2019 15:51

Tgt Ion: 82	Resp:	193127
Ion	Ratio	Lower Upper
82	100	
128	40.2	32.2 48.2
54	42.4	34.2 51.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117592.D

Acq: 29 Oct 2019 15:51

Instrument :

BNA_F

ClientSampleId :

156-56-(0-1.3)

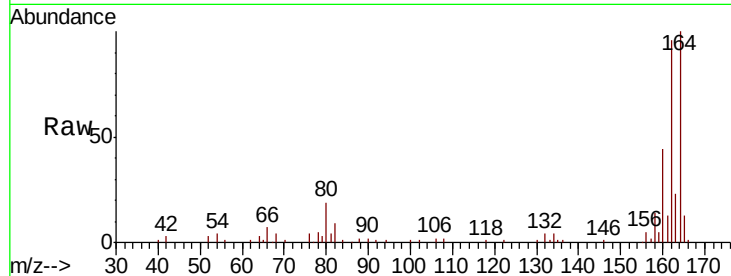
Tot Ion:164 Resp: 75147

Ion Ratio Lower Upper

164 100

162 96.1 81.8 122.6

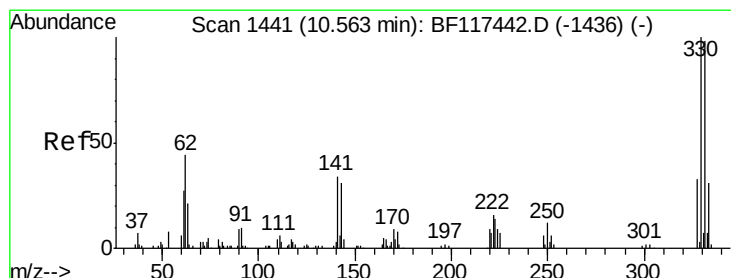
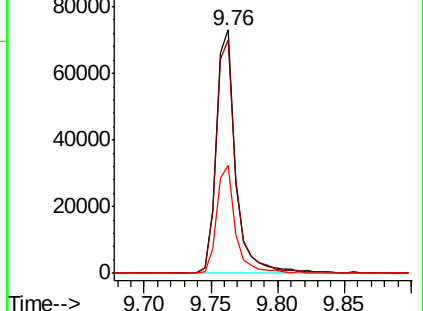
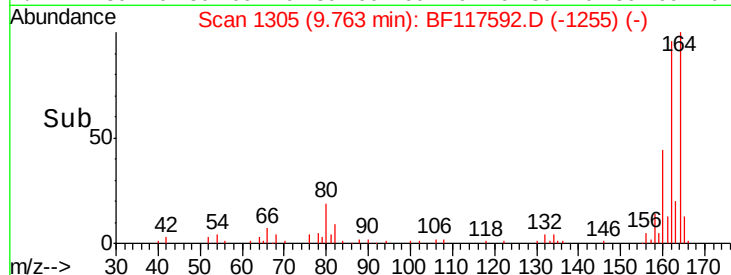
160 44.4 34.4 51.6



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: 76.096 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117592.D

Acq: 29 Oct 2019 15:51

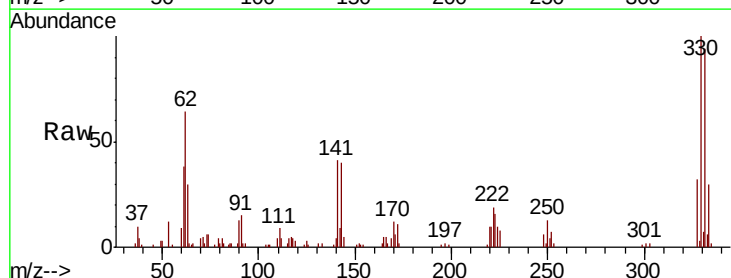
Tgt Ion:330 Resp: 49479

Ion Ratio Lower Upper

330 100

332 96.6 78.5 117.7

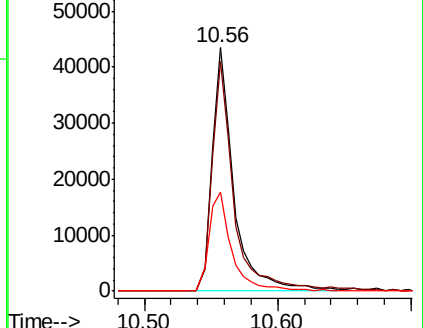
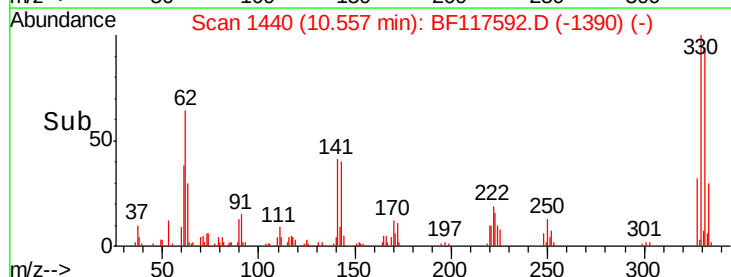
141 42.8 37.0 55.6

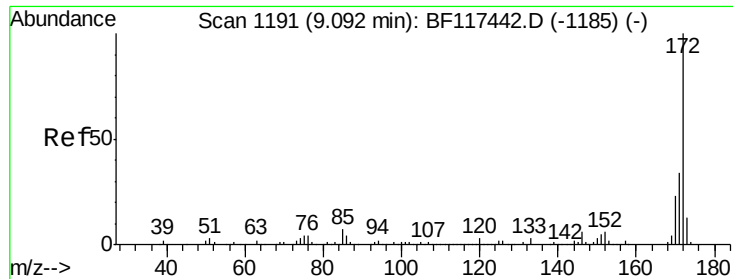


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

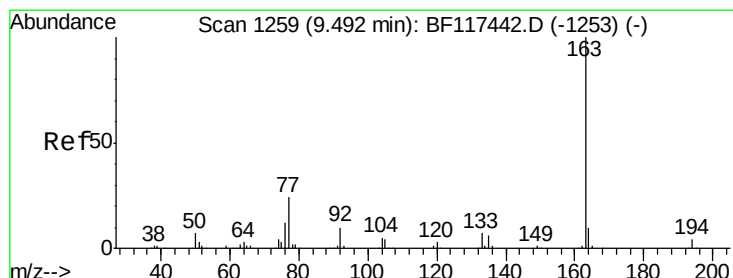
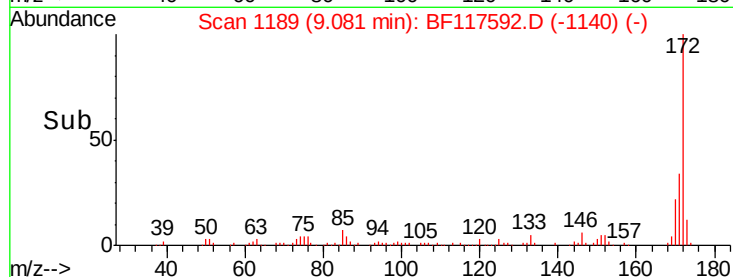
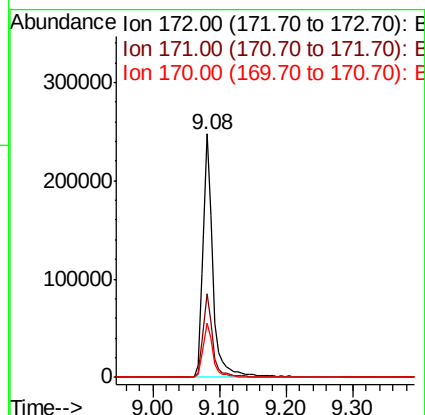
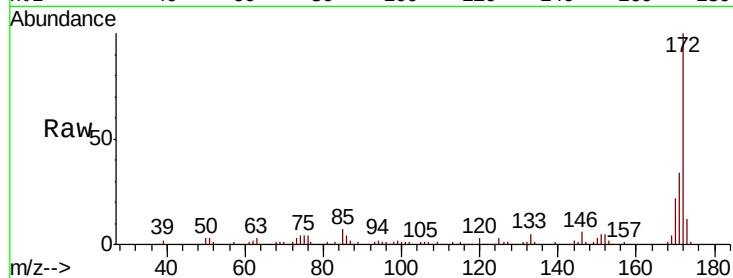




#45
2-Fluorobiphenyl
Concen: 45.473 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117592.D
Acq: 29 Oct 2019 15:51

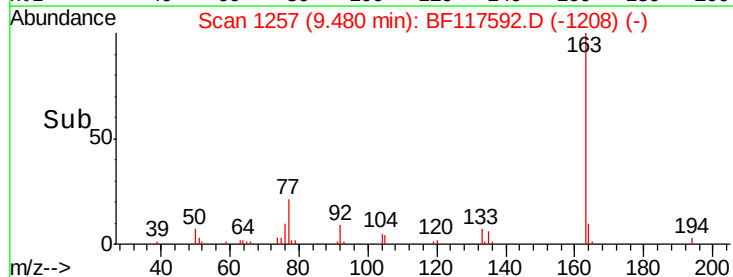
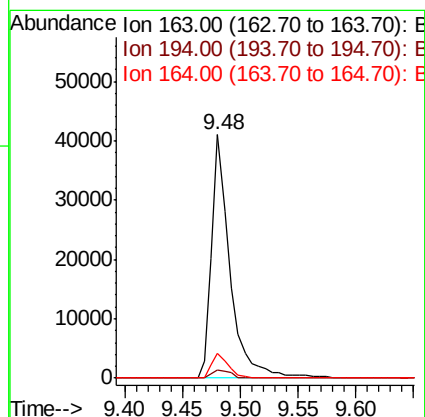
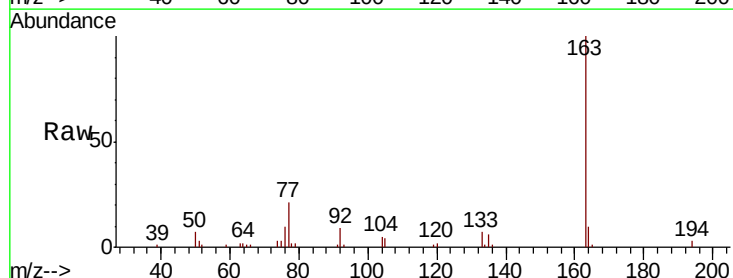
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156-56-(0-1.3)

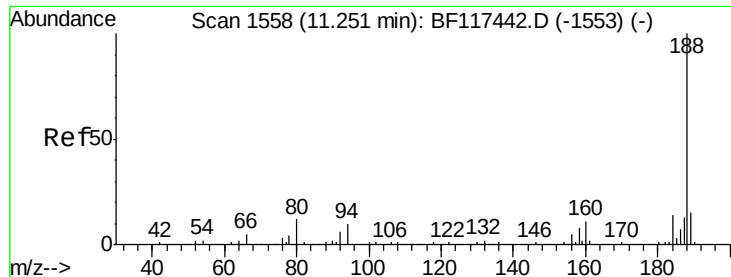
Tot Ion:172 Resp: 242525
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 22.5 18.6 27.8



#50
Dimethylphthalate
Concen: 8.547 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117592.D
Acq: 29 Oct 2019 15:51

Tgt Ion:163 Resp: 45787
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.1 8.2 12.2

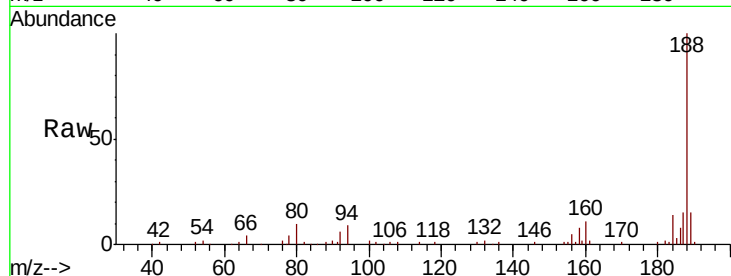




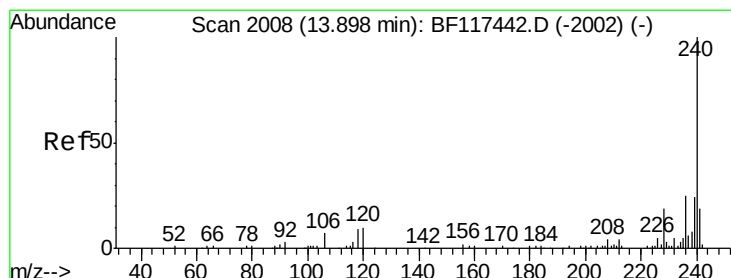
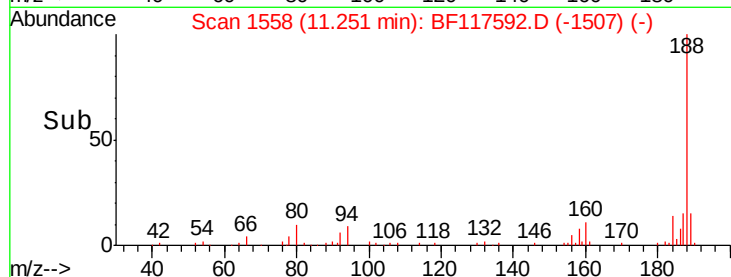
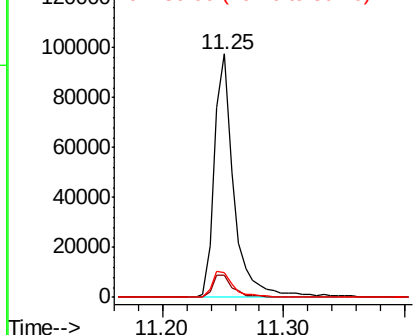
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117592.D
Acq: 29 Oct 2019 15:51

Instrument :
BNA_F
ClientSampleId :
156-56-(0-1.3)

Tot Ion:188 Resp: 107950
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.3 9.5 14.3

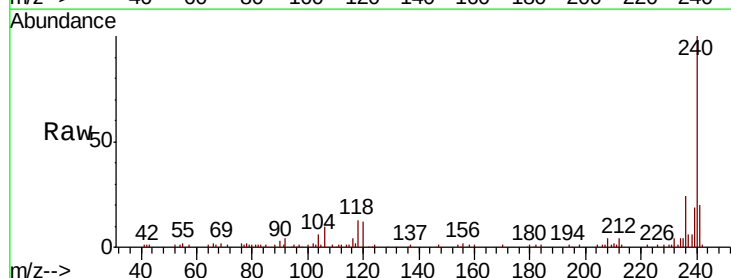


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

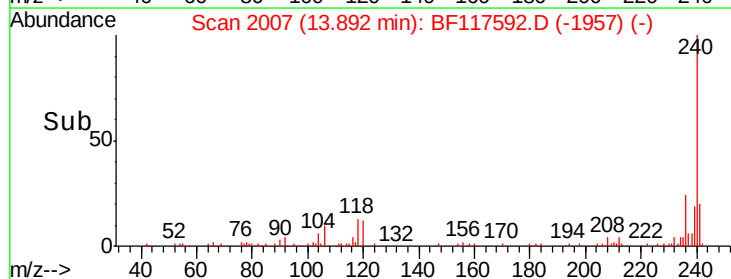
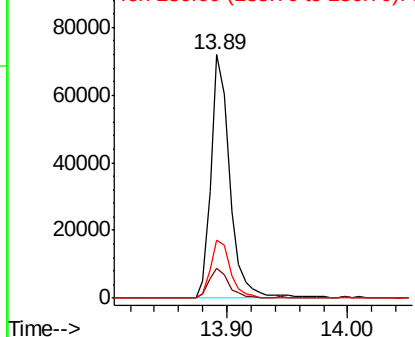


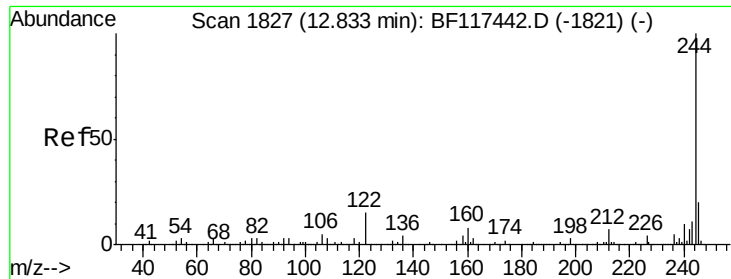
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117592.D
Acq: 29 Oct 2019 15:51

Tgt Ion:240 Resp: 77275
Ion Ratio Lower Upper
240 100
120 12.0 8.4 12.6
236 23.9 20.0 30.0



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

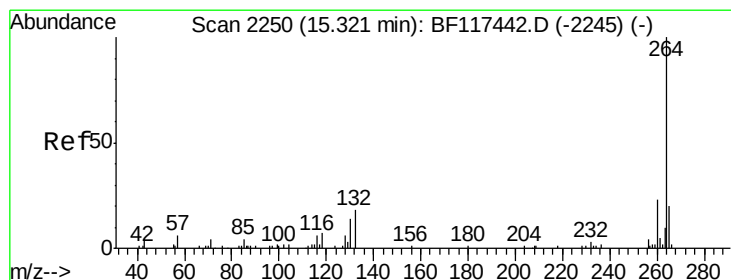
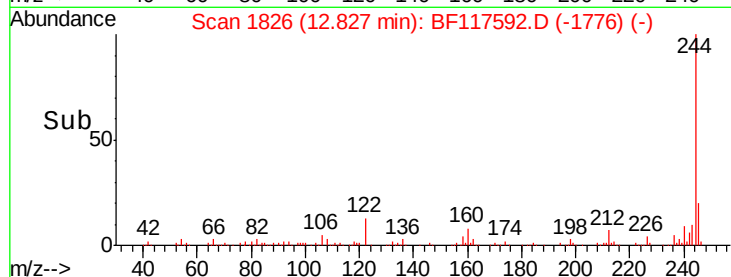
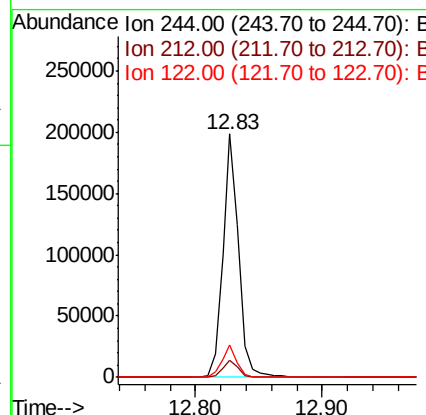
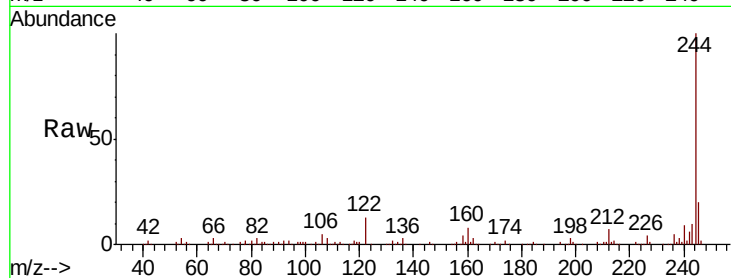




#79
 Terphenyl-d14
 Concen: 36.520 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117592.D
 Acq: 29 Oct 2019 15:51

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 156-56-(0-1.3)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.1	11.8	17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117592.D
 Acq: 29 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	23.3	16.1	24.1

