

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072619\
 Data File : BF115814.D
 Acq On : 27 Jul 2019 3:41
 Operator : HP/JU
 Sample : K4011-01 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP-OS

Quant Time: Jul 27 04:26:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

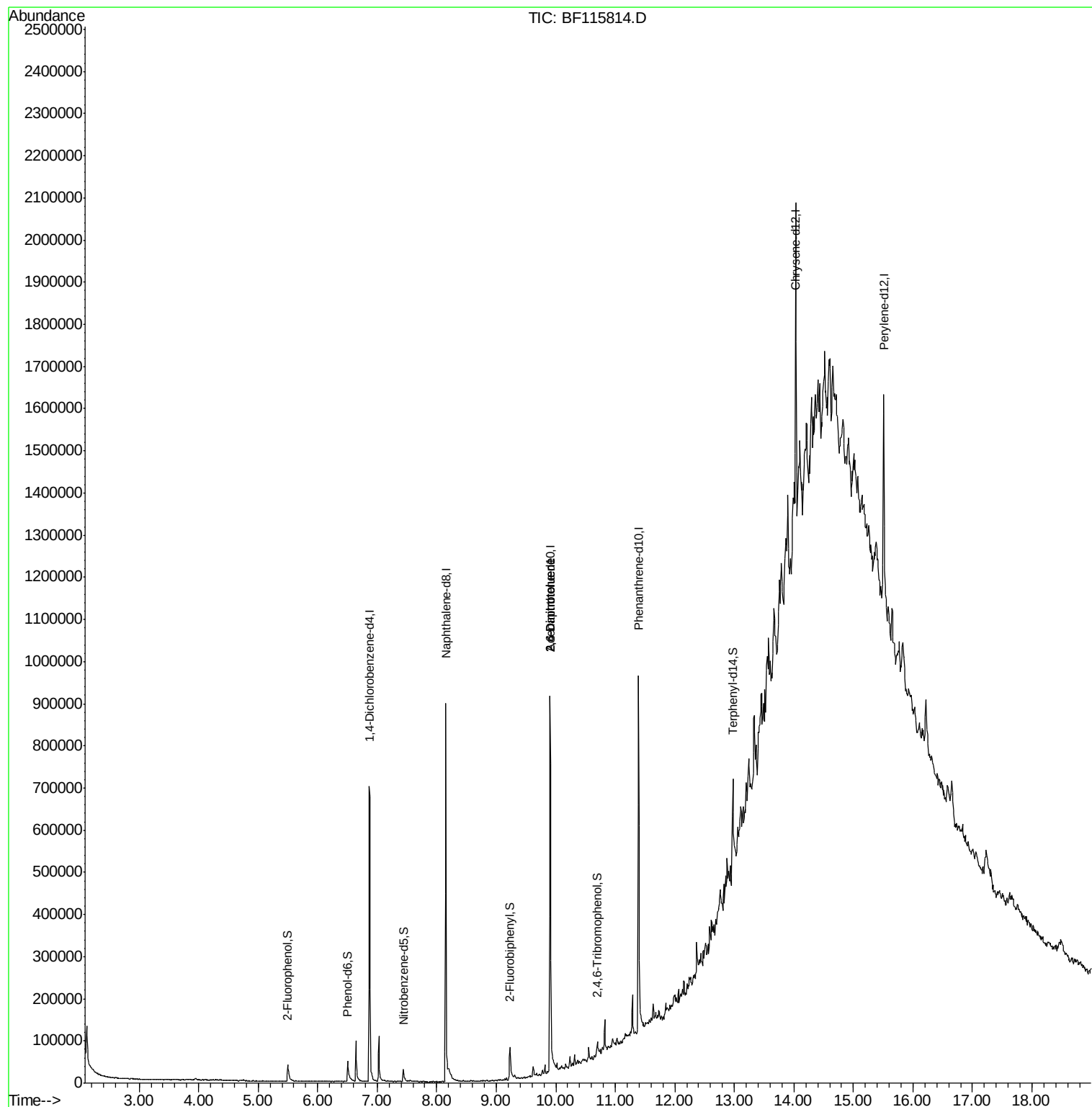
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	119593	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	468438	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	227092	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	342077	20.00	ng	0.00
76) Chrysene-d12	14.03	240	285523	20.00	ng	0.00
87) Perylene-d12	15.51	264	283358	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	25582	3.50	ng	0.00
7) Phenol-d6	6.50	99	38773	4.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	21233	2.64	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	6440	2.43	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	54542	4.20	ng	0.00
79) Terphenyl-d14	12.97	244	50536	3.27	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.90	165	28302	7.289	ng	# 25
57) 2,4-Dinitrotoluene	9.90	165	29623	5.889	ng	# 25

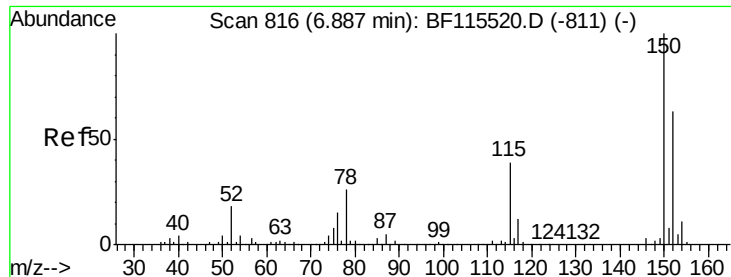
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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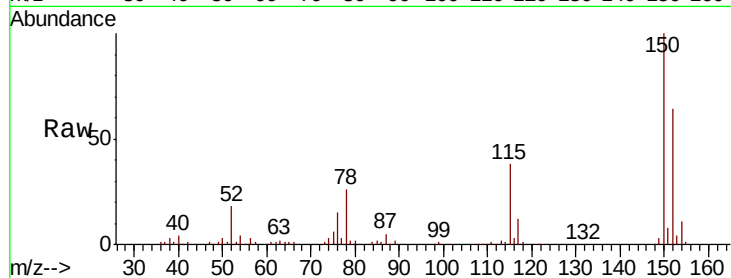


#1

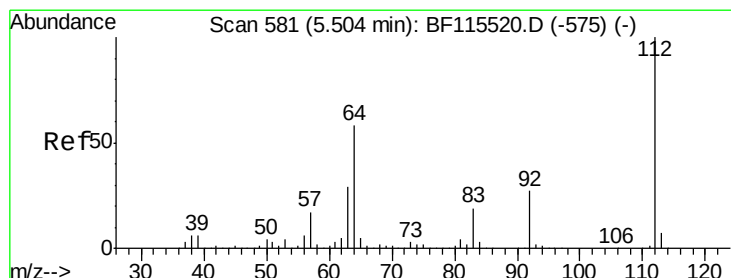
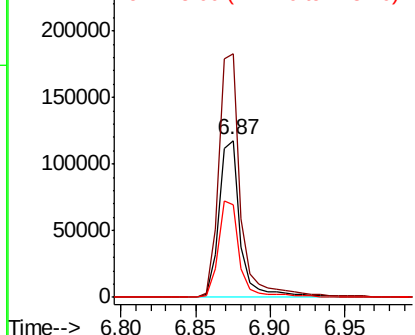
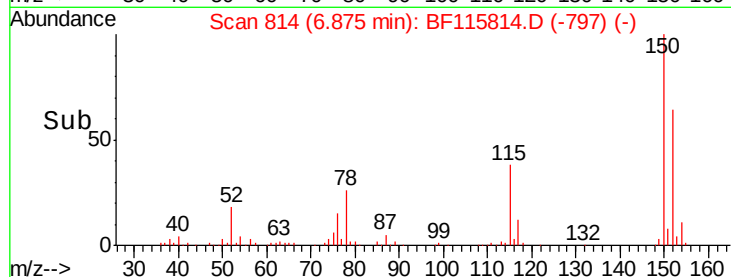
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-OS

Tgt Ion:152 Resp: 119593
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 58.8 47.8 71.6



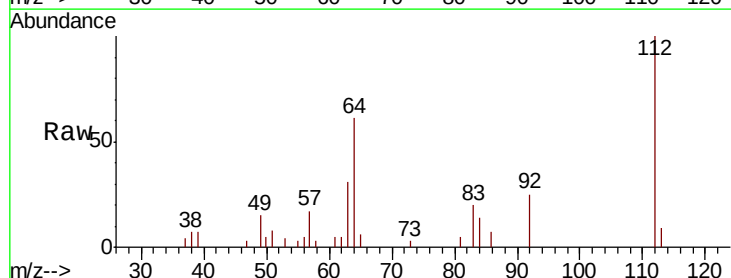
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



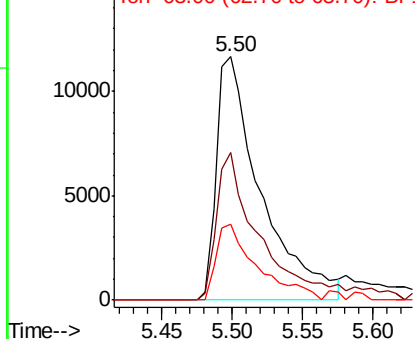
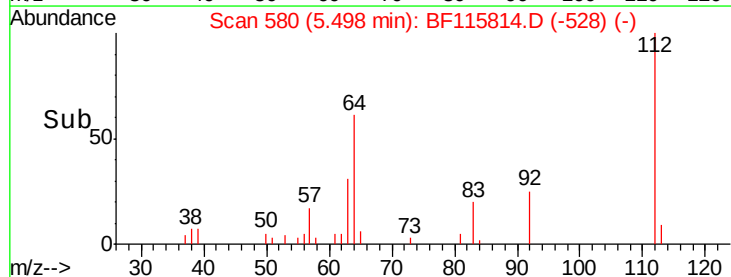
#5

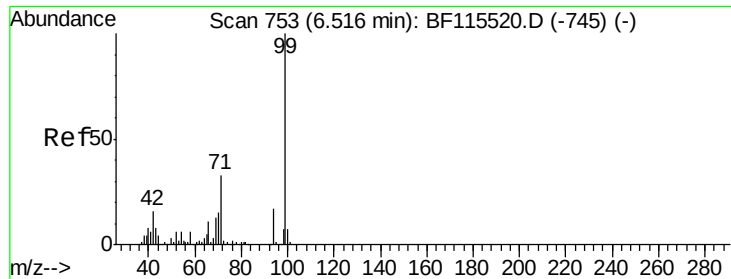
2-Fluorophenol
Concen: 3.499 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Tgt Ion:112 Resp: 25582
Ion Ratio Lower Upper
112 100
64 60.5 45.8 68.8
63 31.2 23.6 35.4



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: 4.179 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF115814.D

Acq: 27 Jul 2019 3:41

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP-OS

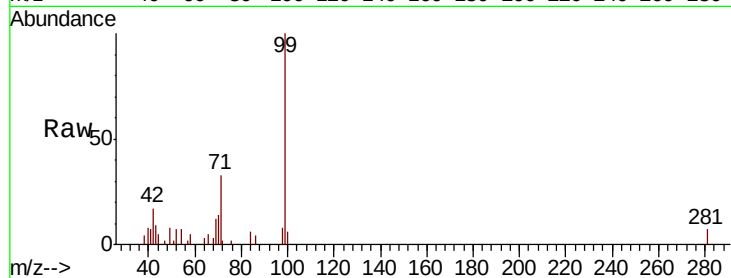
Tgt Ion: 99 Resp: 38773

Ion Ratio Lower Upper

99 100

42 17.0 13.4 20.2

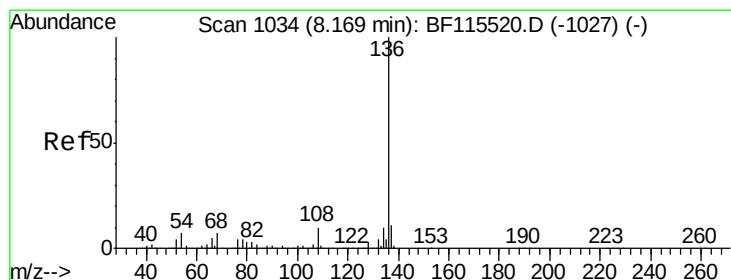
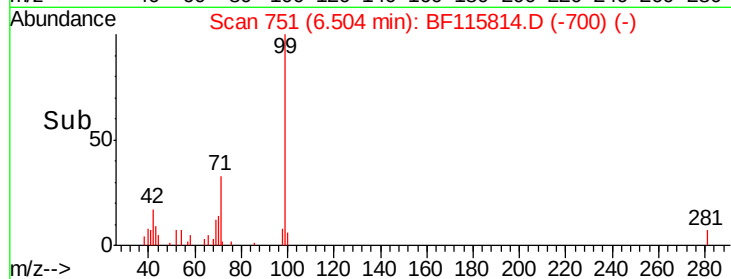
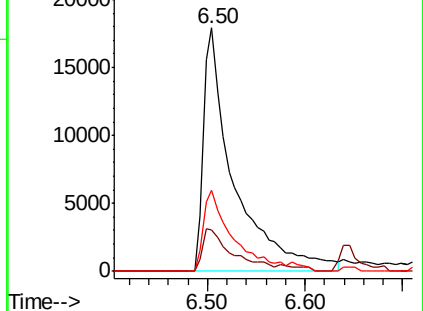
71 33.4 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115814.D

Acq: 27 Jul 2019 3:41

Tgt Ion: 136 Resp: 468438

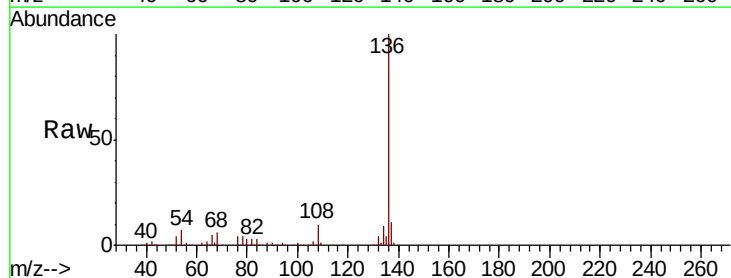
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.1 5.0 7.6

68 6.0 4.7 7.1

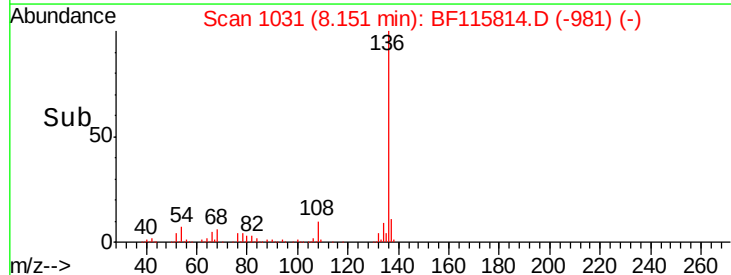
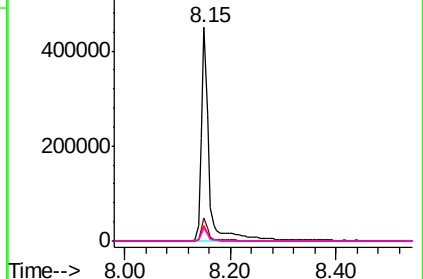


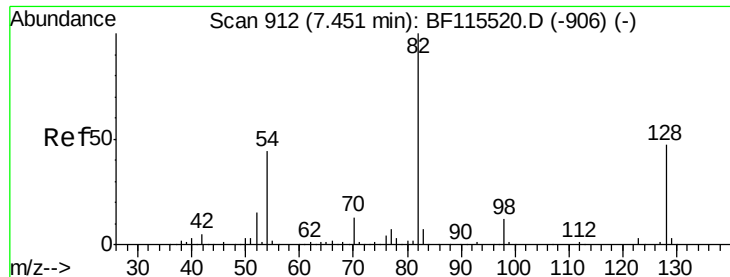
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

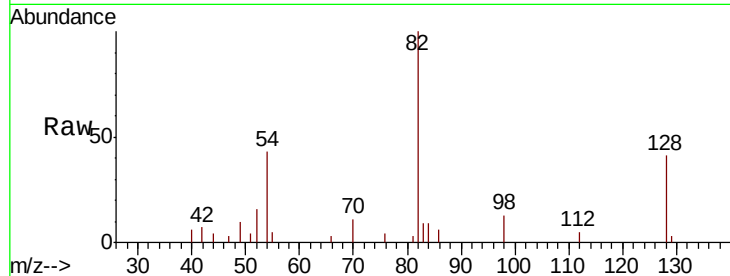




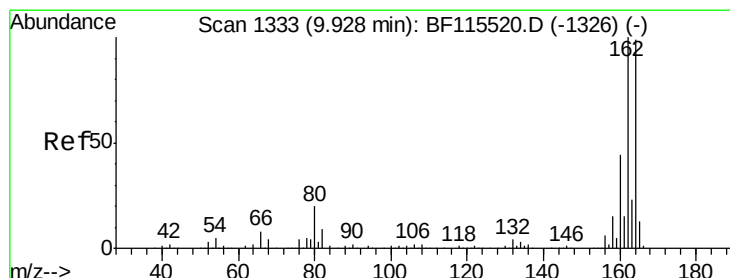
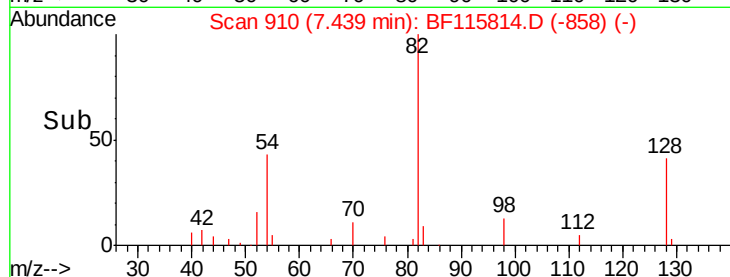
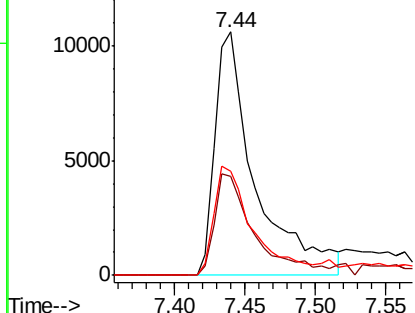
#23
 Nitrobenzene-d5
 Concen: 2.636 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF115814.D
 Acq: 27 Jul 2019 3:41

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP-OS

Tgt Ion: 82 Resp: 21233
 Ion Ratio Lower Upper
 82 100
 128 40.5 36.6 55.0
 54 42.7 36.6 54.8

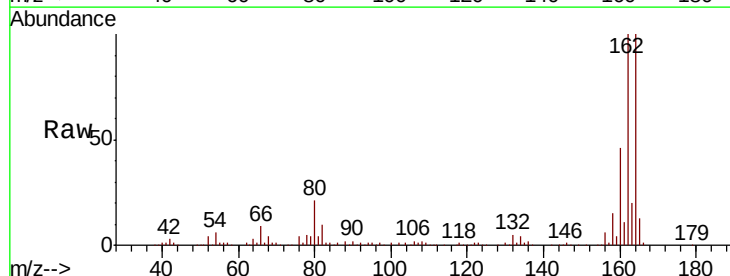


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

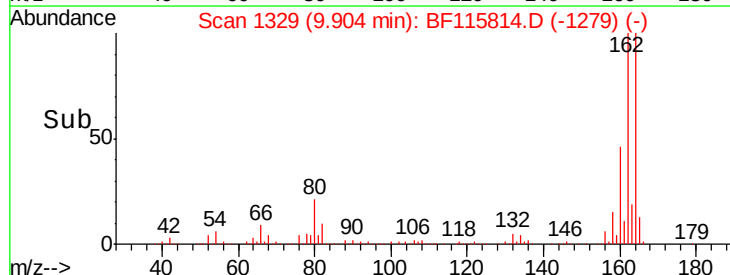
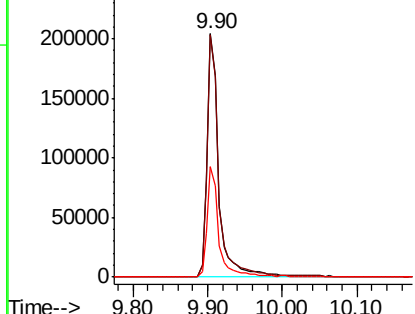


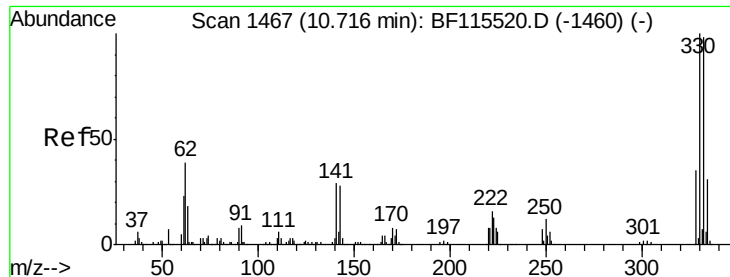
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115814.D
 Acq: 27 Jul 2019 3:41

Tgt Ion: 164 Resp: 227092
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.8 122.6
 160 45.6 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

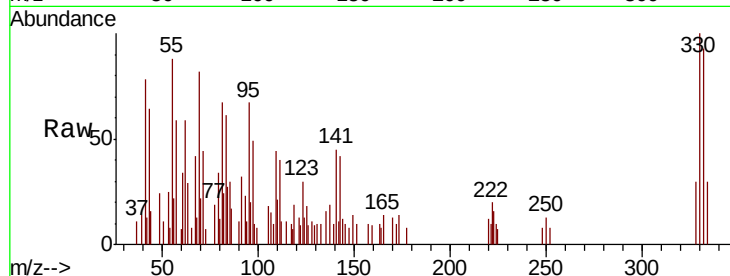




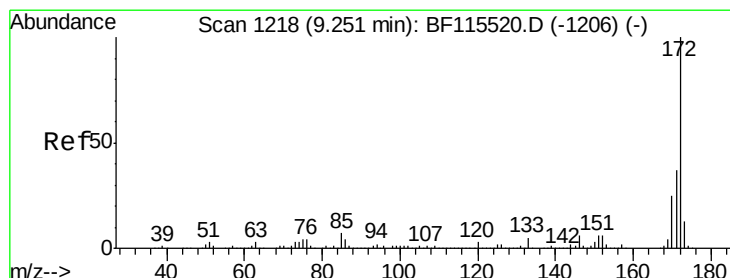
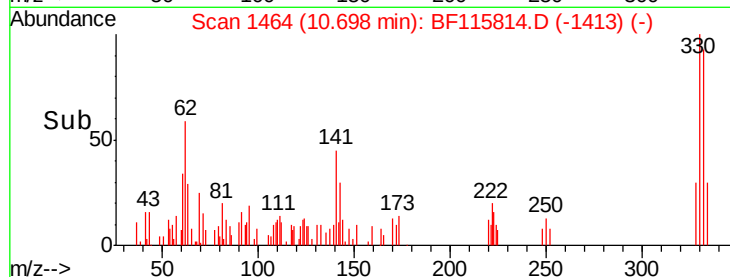
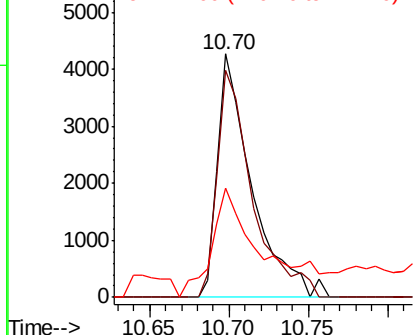
#42
 2,4,6-Tribromophenol
 Concen: 2.430 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF115814.D
 Acq: 27 Jul 2019 3:41

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP-OS

Tgt Ion:330 Resp: 6440
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.1 114.1
 141 67.6 25.9 38.9#

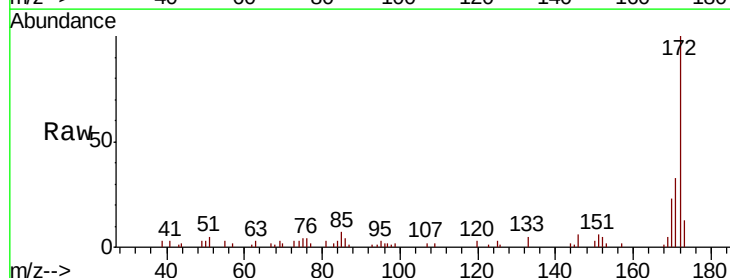


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

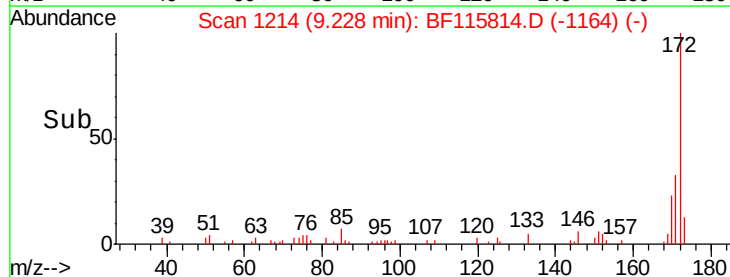
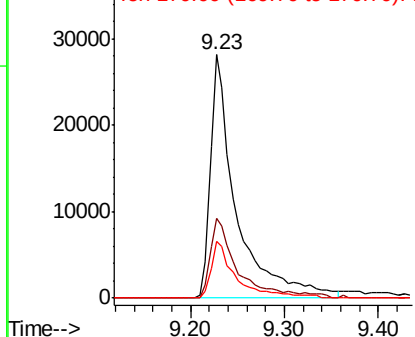


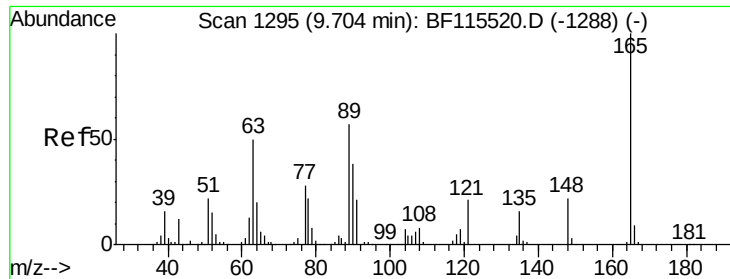
#45
 2-Fluorobiphenyl
 Concen: 4.204 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115814.D
 Acq: 27 Jul 2019 3:41

Tgt Ion:172 Resp: 54542
 Ion Ratio Lower Upper
 172 100
 171 32.6 29.0 43.4
 170 23.5 20.1 30.1



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





#51

2,6-Dinitrotoluene

Concen: 7.289 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.21 min

Lab File: BF115814.D

Acq: 27 Jul 2019 3:41

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP-OS

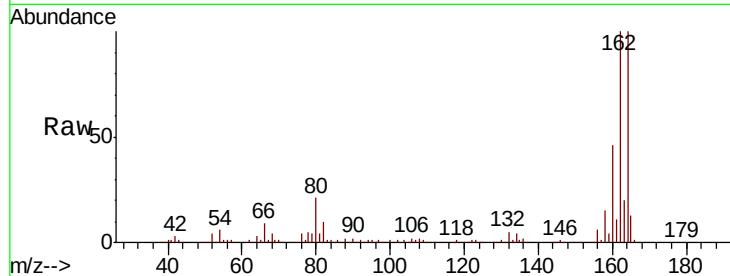
Tgt Ion:165 Resp: 28302

Ion Ratio Lower Upper

165 100

63 1.2 43.5 65.3#

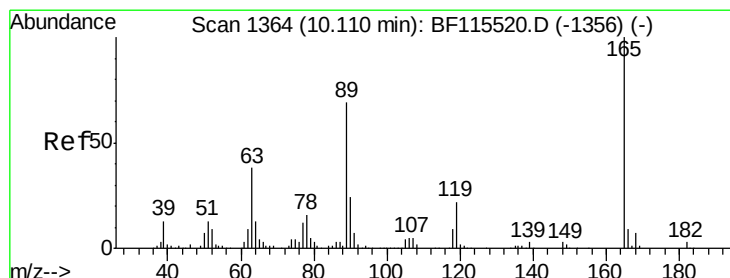
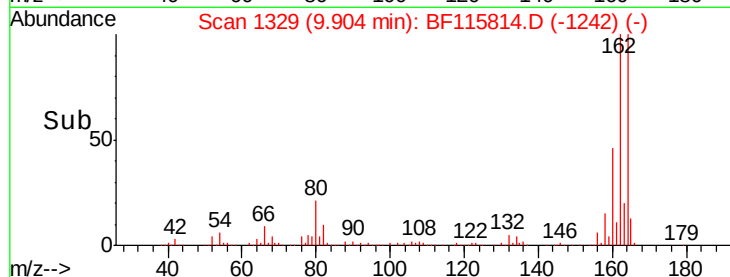
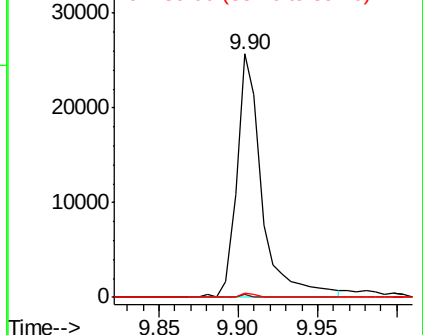
89 1.5 46.3 69.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 5.889 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.19 min

Lab File: BF115814.D

Acq: 27 Jul 2019 3:41

Tgt Ion:165 Resp: 29623

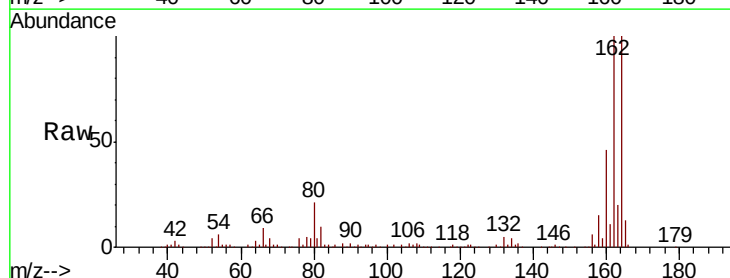
Ion Ratio Lower Upper

165 100

63 1.2 33.4 50.2#

89 1.5 57.3 85.9#

182 0.0 2.1 3.1#

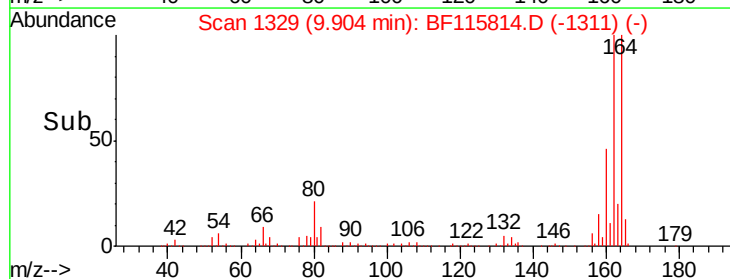
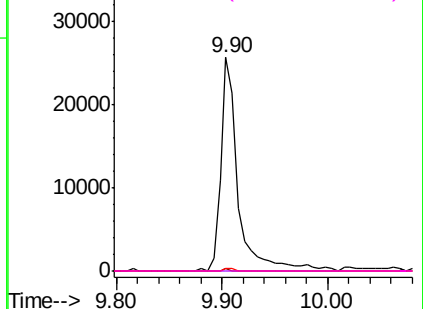


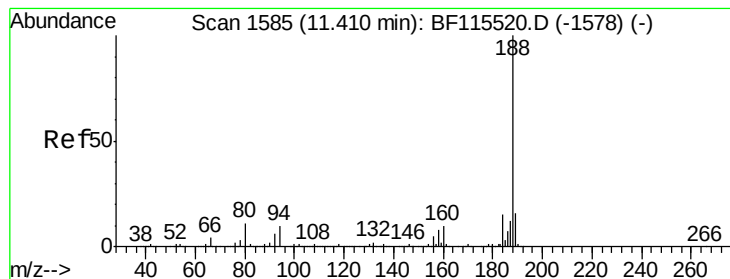
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF115814.D

Acq: 27 Jul 2019 3:41

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP-OS

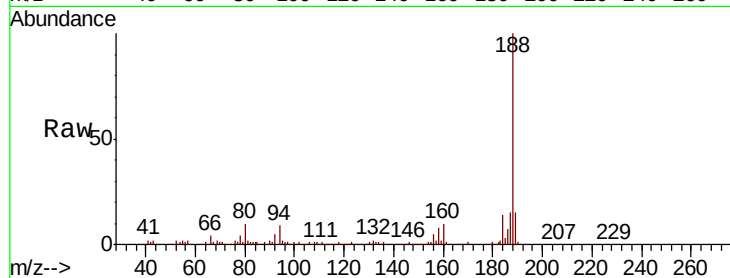
Tgt Ion:188 Resp: 342077

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

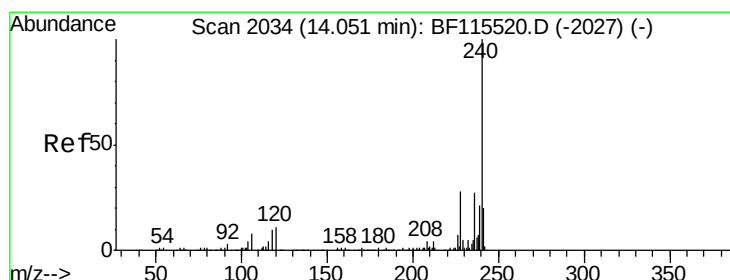
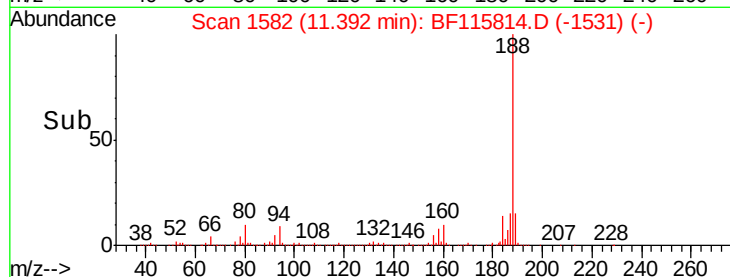
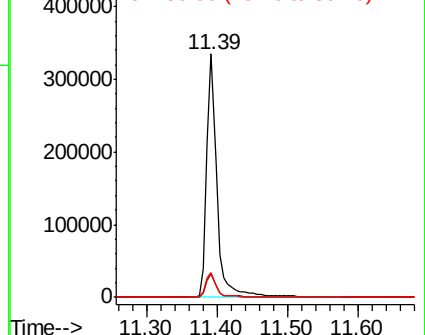
80 10.4 9.0 13.6



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: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF115814.D

Acq: 27 Jul 2019 3:41

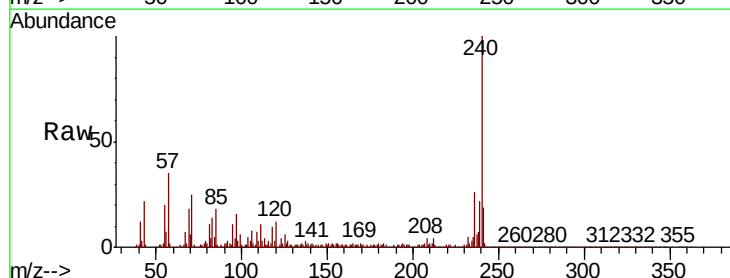
Tgt Ion:240 Resp: 285523

Ion Ratio Lower Upper

240 100

120 11.8 10.0 15.0

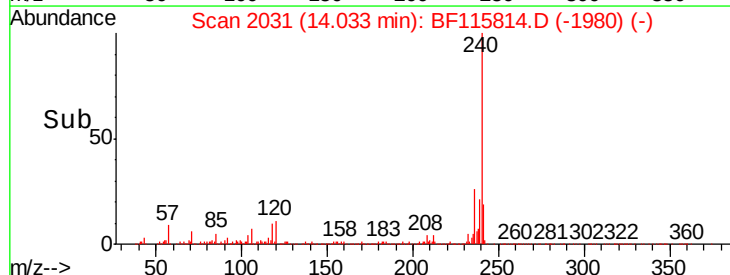
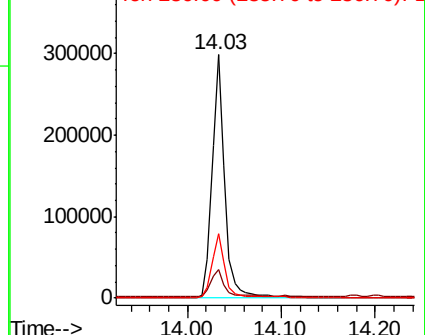
236 26.3 21.8 32.6

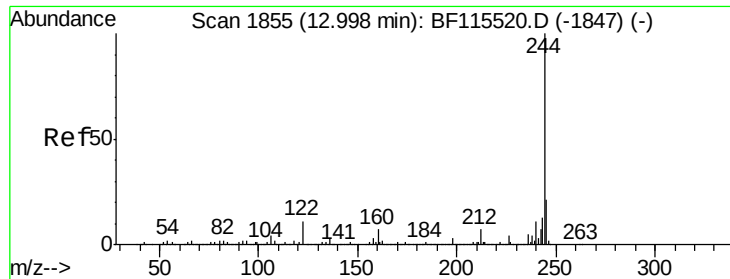


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

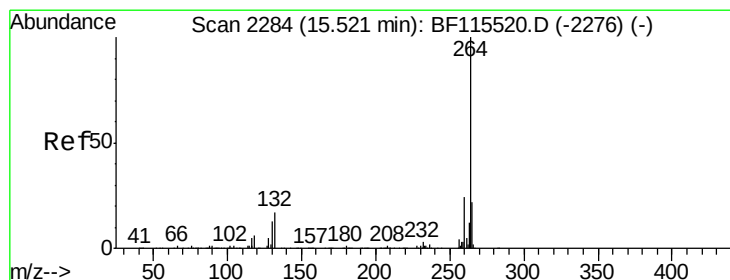
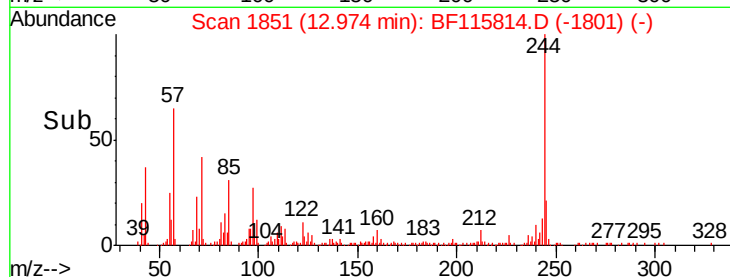
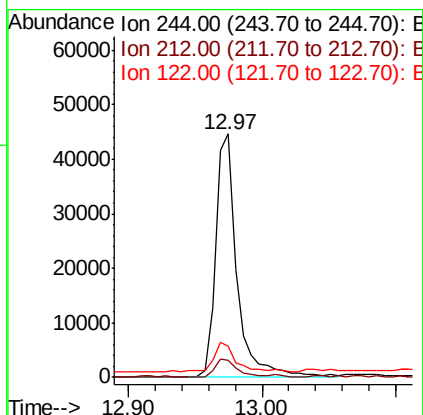
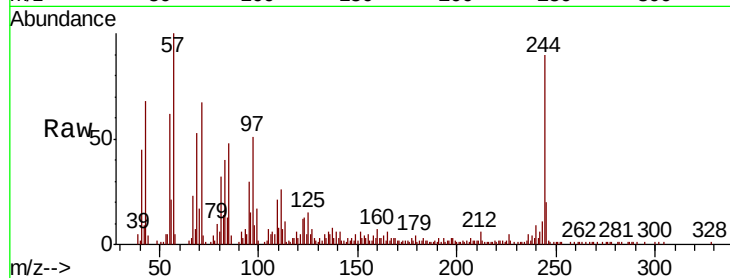




#79
 Terphenyl-d14
 Concen: 3.266 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115814.D
 Acq: 27 Jul 2019 3:41

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP-OS

Tgt Ion: 244 Resp: 50536
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 12.8 8.2 12.4#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF115814.D
 Acq: 27 Jul 2019 3:41

Tgt Ion: 264 Resp: 283358
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.8 29.6
 265 22.4 17.5 26.3

