

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114463.D
 Acq On : 21 May 2019 18:30
 Operator : JU/SJ
 Sample : K2913-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17

Quant Time: May 22 06:43:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

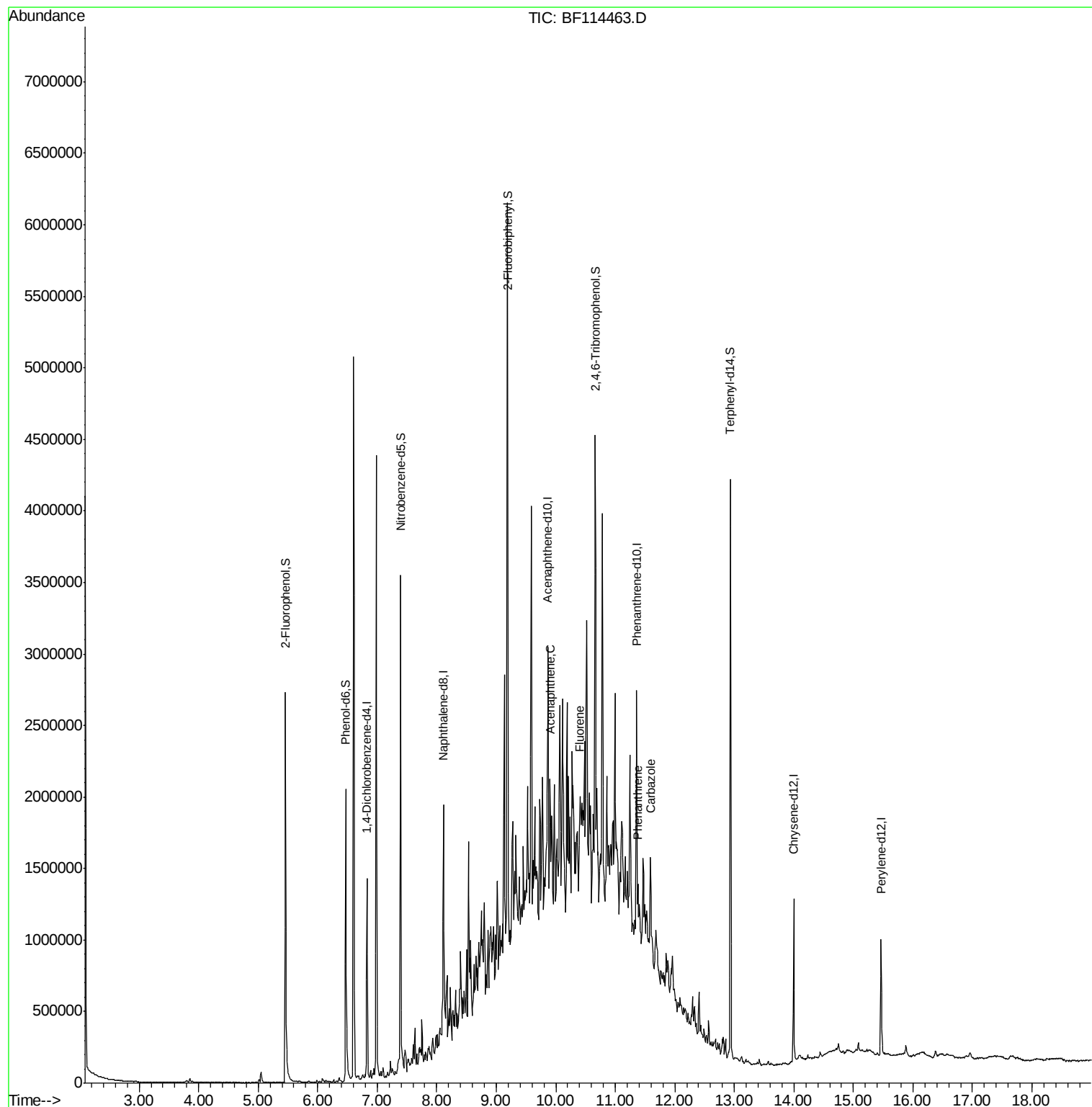
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	195721	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	732553	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	323962	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	560659	20.00	ng	0.00
76) Chrysene-d12	14.00	240	384019	20.00	ng	0.00
87) Perylene-d12	15.46	264	404347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	888094	73.02	ng	0.00
7) Phenol-d6	6.47	99	813420	56.55	ng	-0.02
23) Nitrobenzene-d5	7.39	82	1135797	87.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	380522	113.62	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1880629	87.81	ng	0.00
79) Terphenyl-d14	12.93	244	1489434	79.95	ng	0.00
Target Compounds						
52) Acenaphthene	9.90	154	68497	3.484	ng	Qvalue 98
58) Fluorene	10.42	166	67299	3.023	ng	# 96
71) Phenanthrene	11.38	178	121963	4.471	ng	# 92
73) Carbazole	11.59	167	102570	3.926	ng	# 84

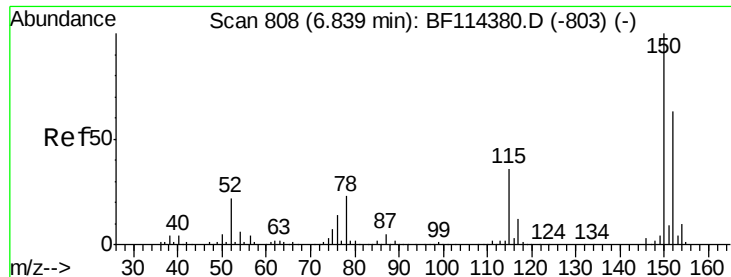
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration



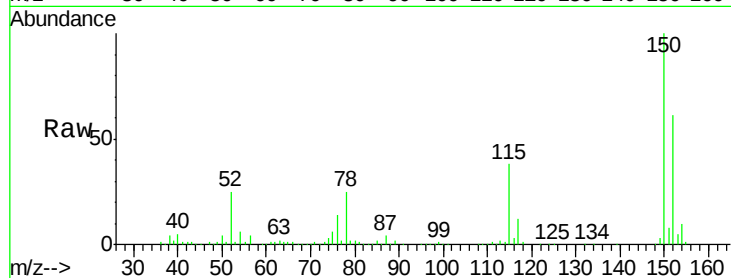


#1

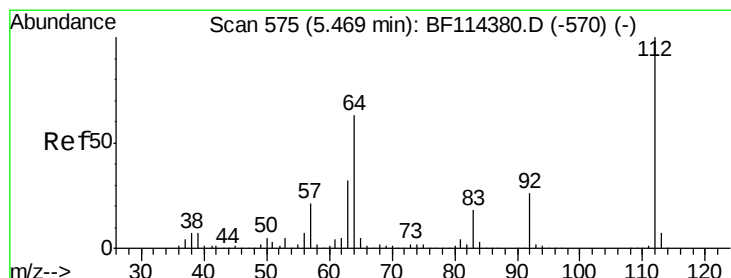
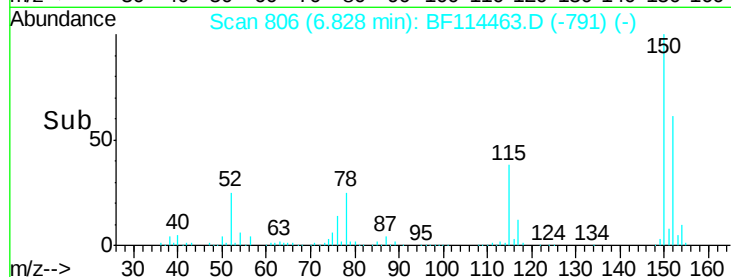
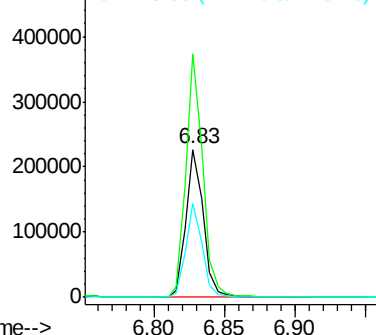
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114463.D
Acq: 21 May 2019 18:30

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Tgt Ion:152 Resp: 195721
Ion Ratio Lower Upper
152 100
150 164.3 124.3 186.5
115 63.0 49.1 73.7



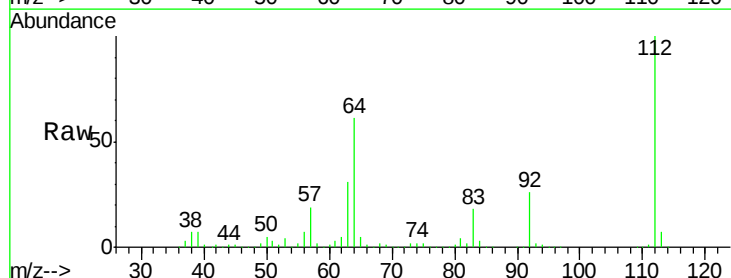
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



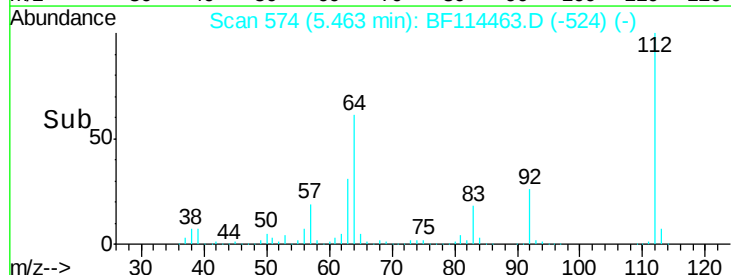
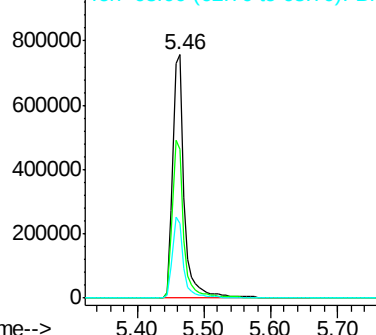
#5

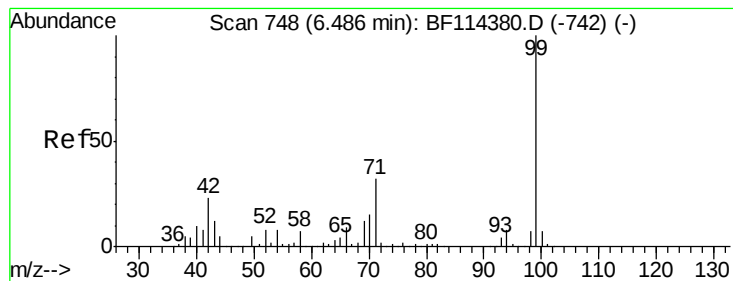
2-Fluorophenol
Concen: 73.021 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114463.D
Acq: 21 May 2019 18:30

Tgt Ion:112 Resp: 888094
Ion Ratio Lower Upper
112 100
64 60.9 49.0 73.6
63 30.9 24.6 37.0



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: 56.548 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114463.D

Acq: 21 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

TP-17

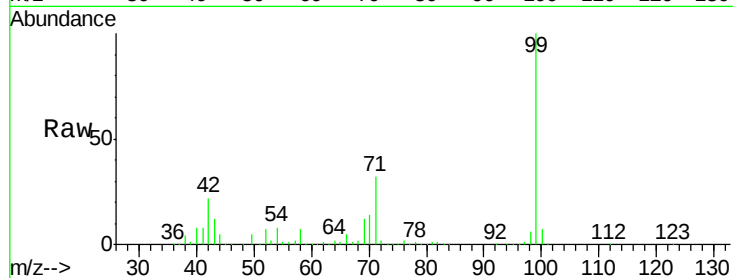
Tgt Ion: 99 Resp: 813420

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

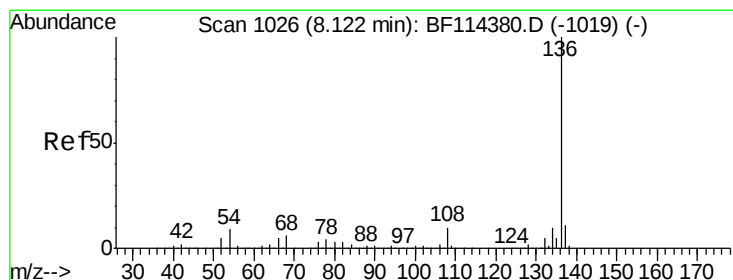
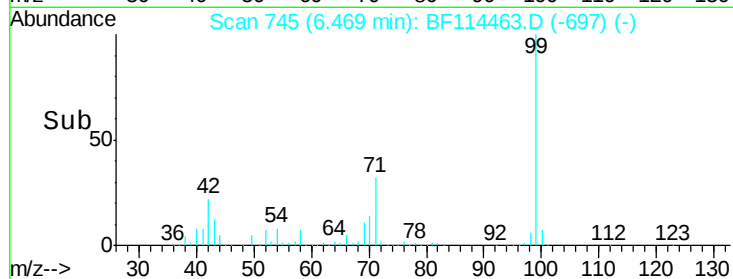
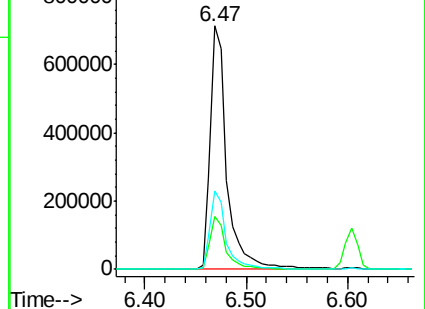
71 32.3 26.2 39.2



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114463.D

Acq: 21 May 2019 18:30

Tgt Ion: 136 Resp: 732553

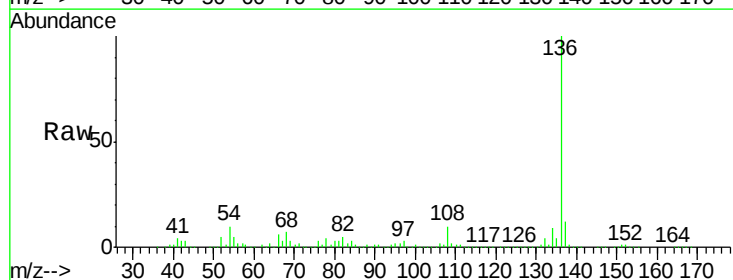
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 10.2 7.8 11.8

68 6.8 5.1 7.7

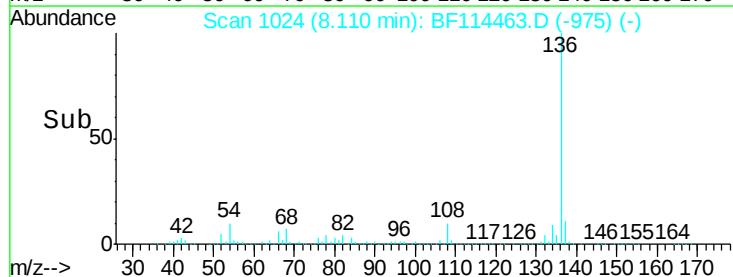
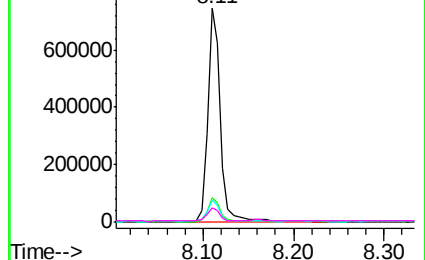


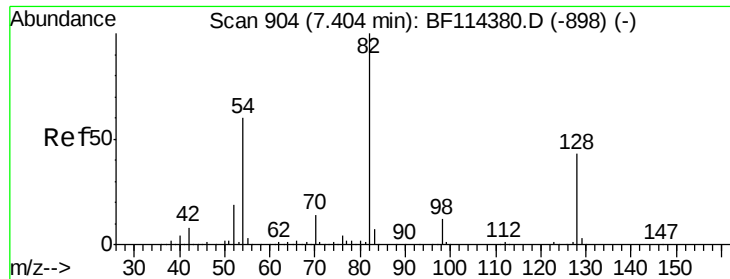
Abundance Ion 136.00 (135.70 to 136.70): E

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

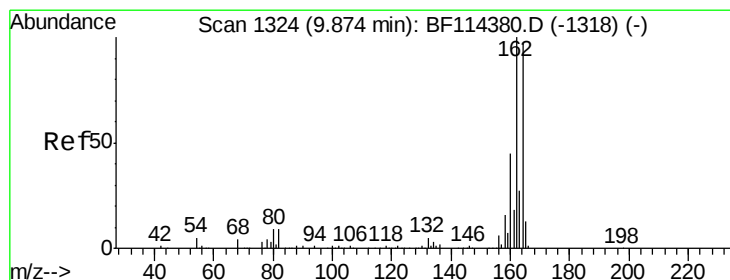
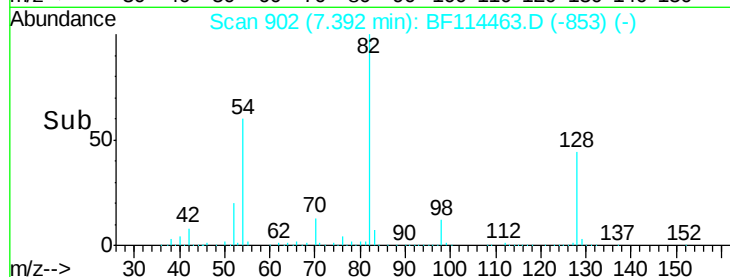
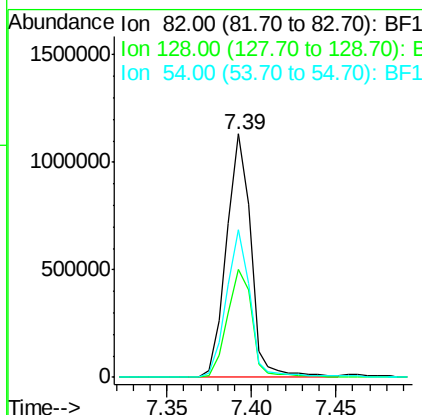
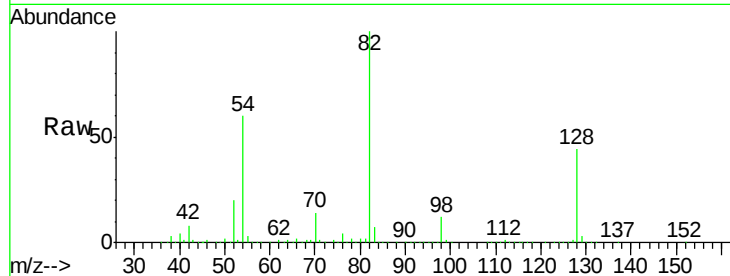




#23
Nitrobenzene-d5
Concen: 87.012 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114463.D
Acq: 21 May 2019 18:30

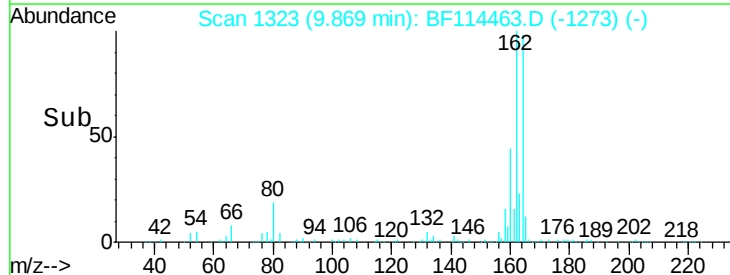
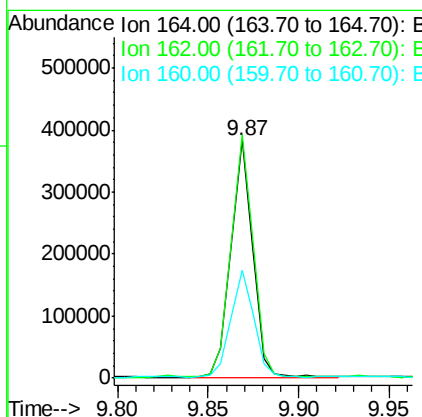
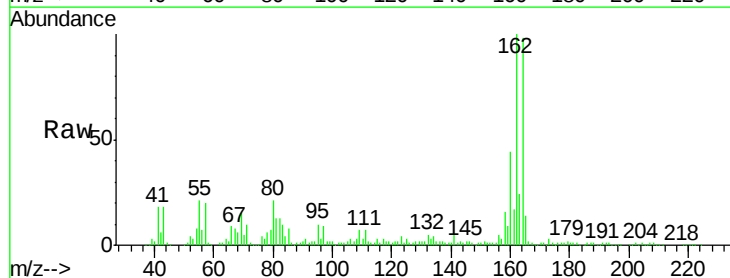
Instrument :
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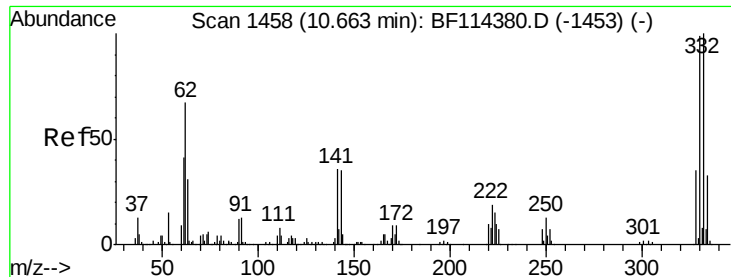
Tgt Ion: 82 Resp: 1135797
Ion Ratio Lower Upper
82 100
128 44.3 35.5 53.3
54 60.5 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114463.D
Acq: 21 May 2019 18:30

Tgt Ion: 164 Resp: 323962
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 45.2 36.5 54.7

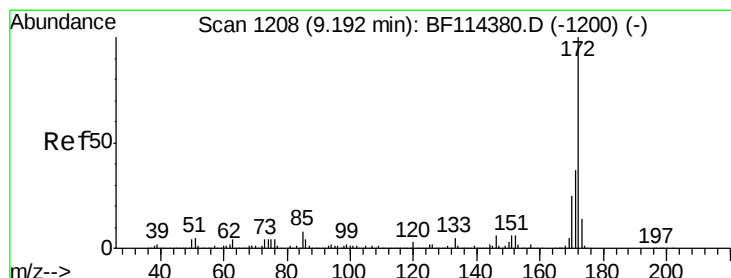
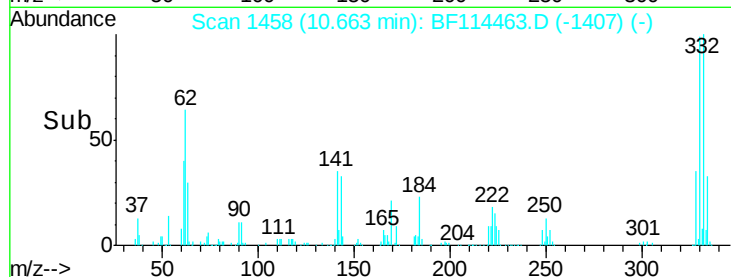
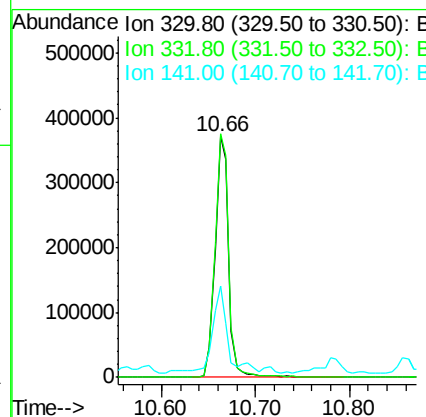
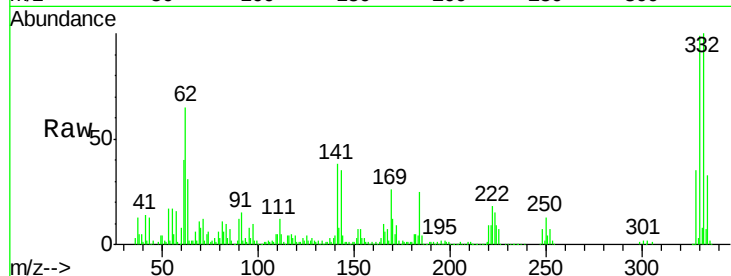




#42
 2,4,6-Tribromophenol
 Concen: 113.615 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114463.D
 Acq: 21 May 2019 18:30

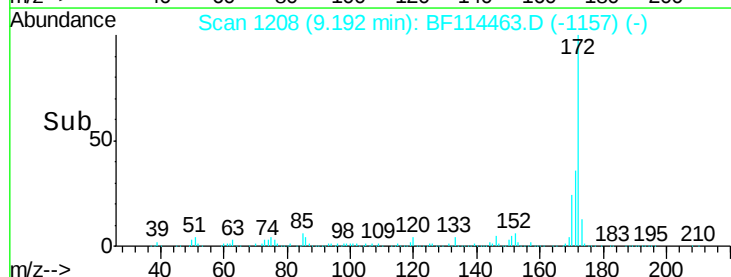
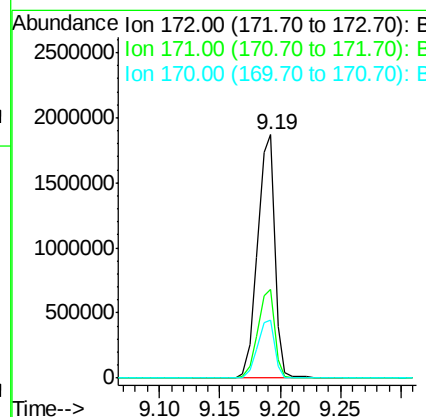
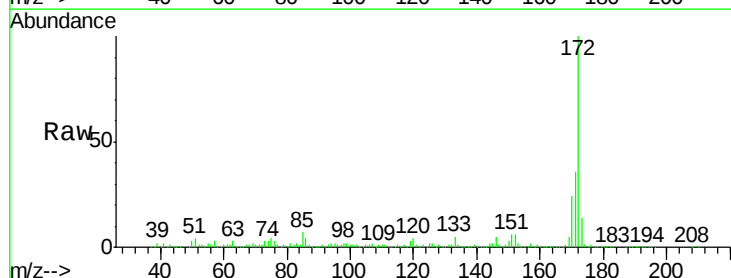
Instrument :
 BNA_F
 ClientSampleId :
 TP-17

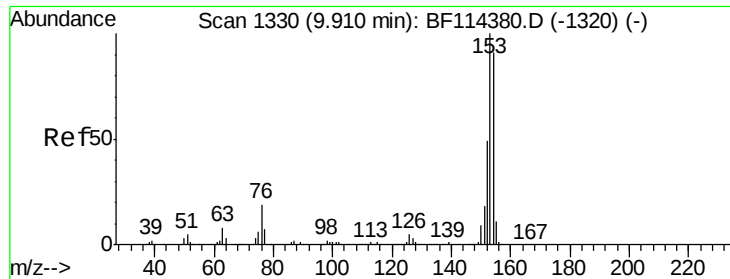
Tgt Ion:330 Resp: 380522
 Ion Ratio Lower Upper
 330 100
 332 102.7 81.4 122.2
 141 37.1 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 87.812 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF114463.D
 Acq: 21 May 2019 18:30

Tgt Ion:172 Resp: 1880629
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.7 46.1
 170 24.0 20.5 30.7





#52

Acenaphthene

Concen: 3.484 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF114463.D

Acq: 21 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

TP-17

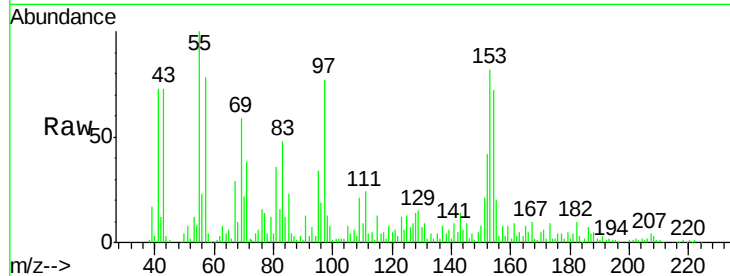
Tgt Ion:154 Resp: 68497

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

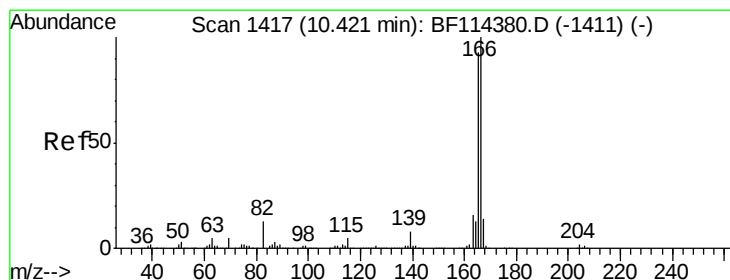
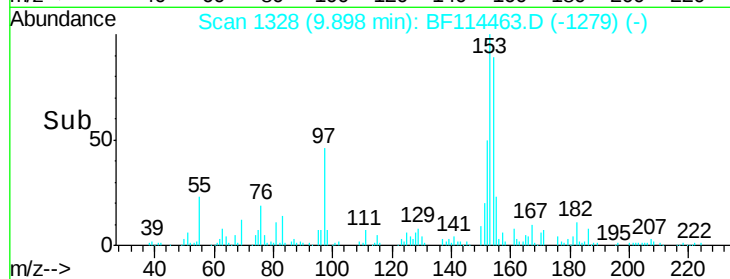
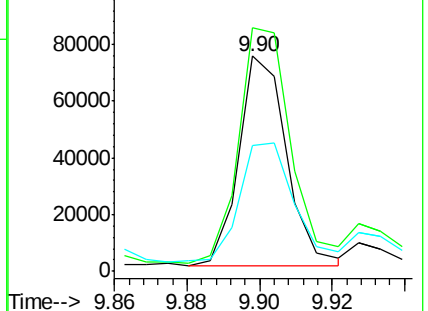
152 58.4 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 3.023 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114463.D

Acq: 21 May 2019 18:30

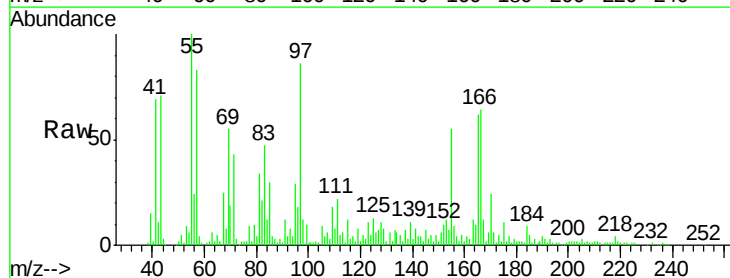
Tgt Ion:166 Resp: 67299

Ion Ratio Lower Upper

166 100

165 97.2 76.1 114.1

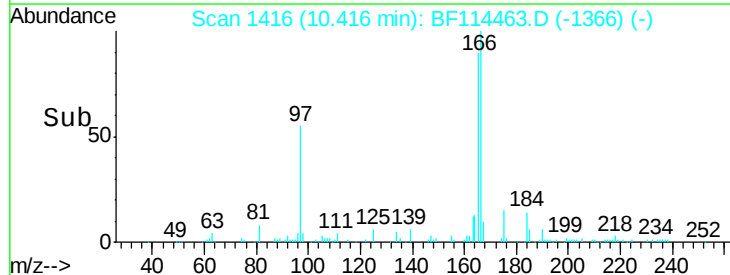
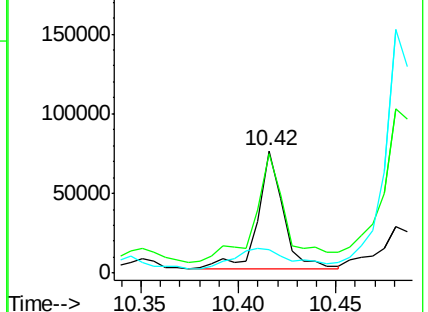
167 19.1 11.1 16.7#

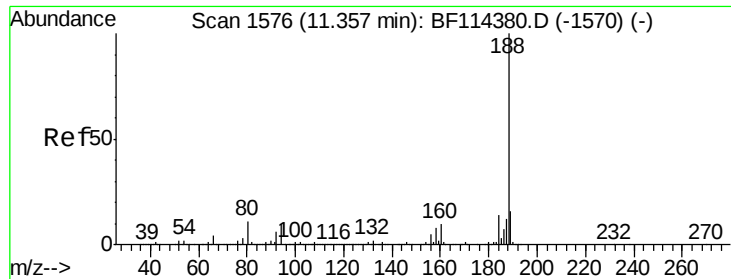


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

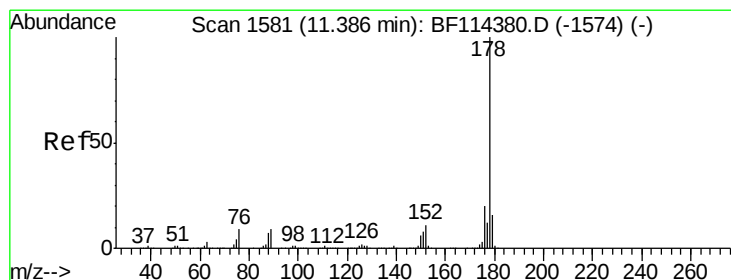
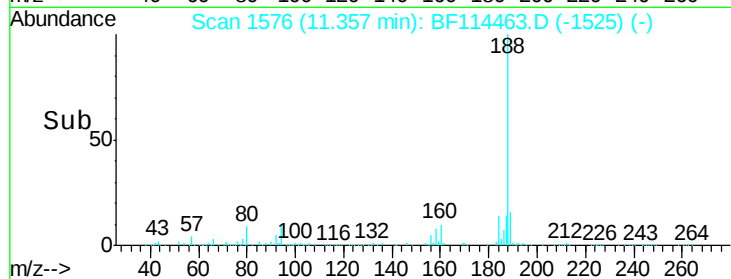
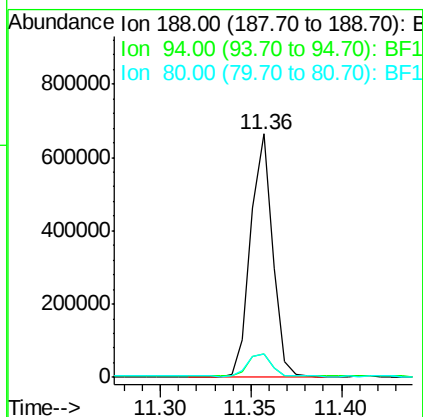
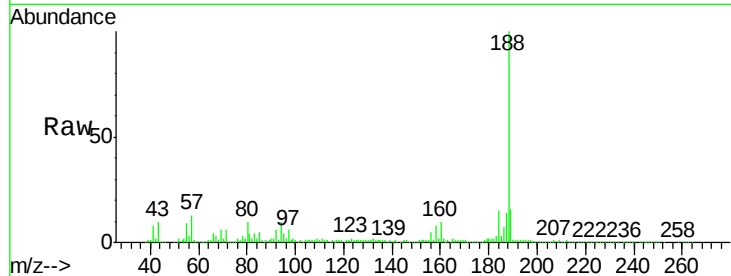




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114463.D
Acq: 21 May 2019 18:30

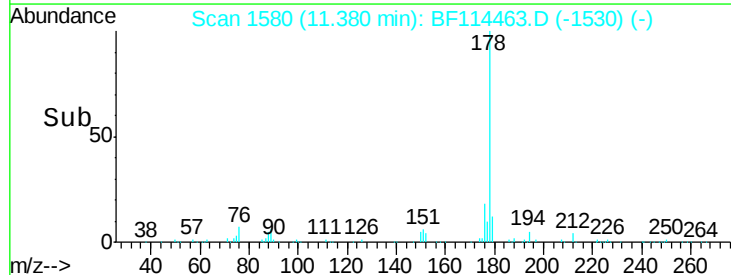
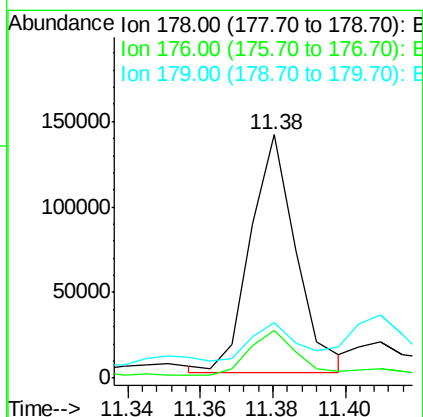
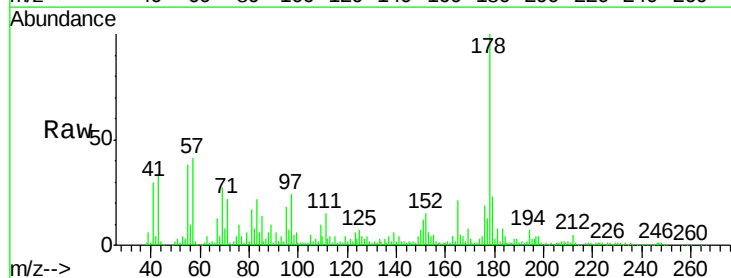
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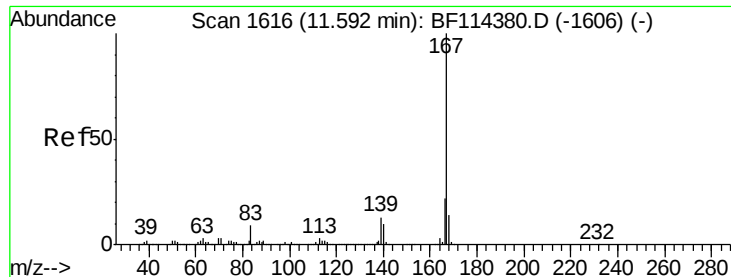
Tgt Ion:188 Resp: 560659
Ion Ratio Lower Upper
188 100
94 9.9 8.4 12.6
80 9.6 9.2 13.8



#71
Phenanthrene
Concen: 4.471 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF114463.D
Acq: 21 May 2019 18:30

Tgt Ion:178 Resp: 121963
Ion Ratio Lower Upper
178 100
176 19.5 16.4 24.6
179 22.9 13.2 19.8#





#73

Carbazole

Concen: 3.926 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114463.D

Acq: 21 May 2019 18:30

Instrument :

BNA_F

ClientSampled :

TP-17

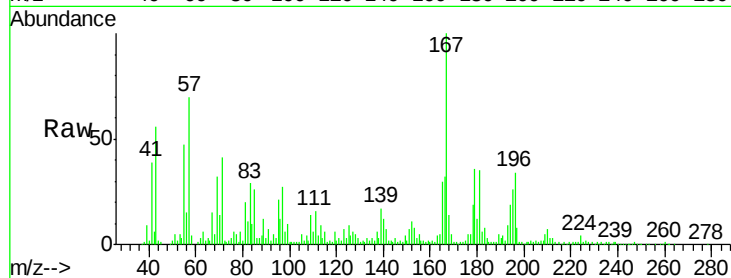
Tgt Ion:167 Resp: 102570

Ion Ratio Lower Upper

167 100

166 32.4 18.2 27.2#

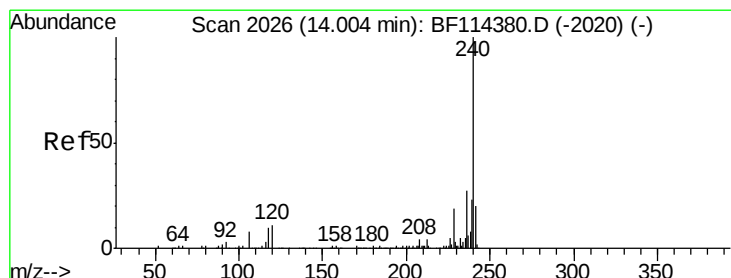
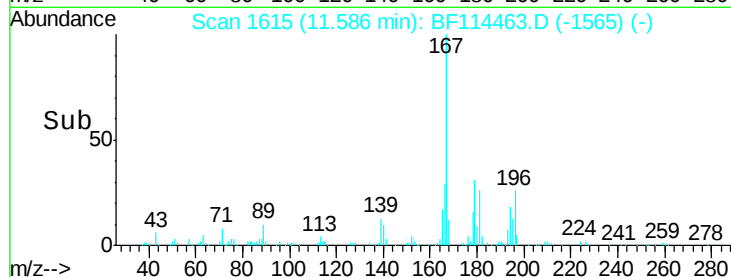
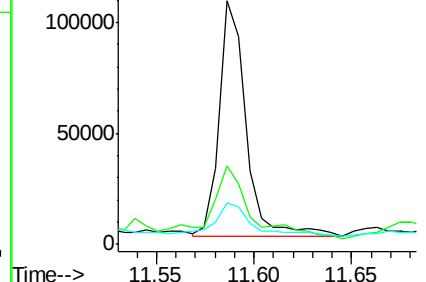
139 17.1 10.6 16.0#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114463.D

Acq: 21 May 2019 18:30

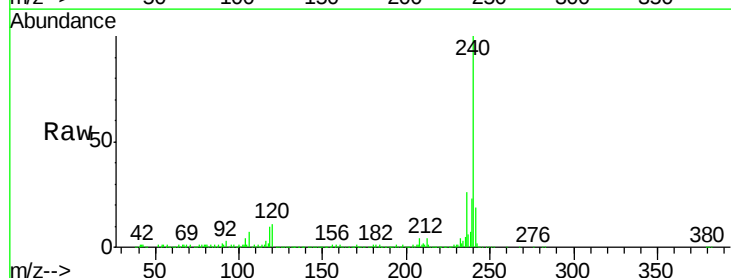
Tgt Ion:240 Resp: 384019

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

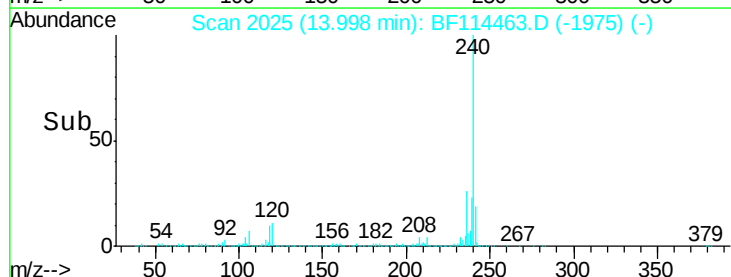
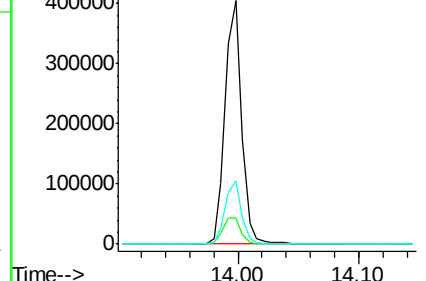
236 26.1 20.8 31.2

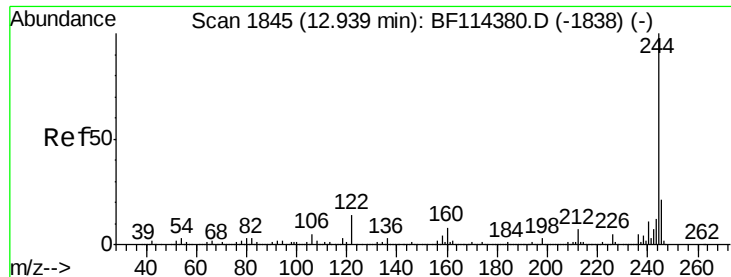


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.954 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114463.D

Acq: 21 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

TP-17

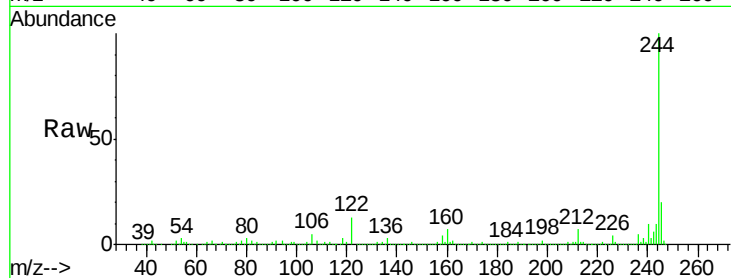
Tgt Ion:244 Resp: 1489434

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

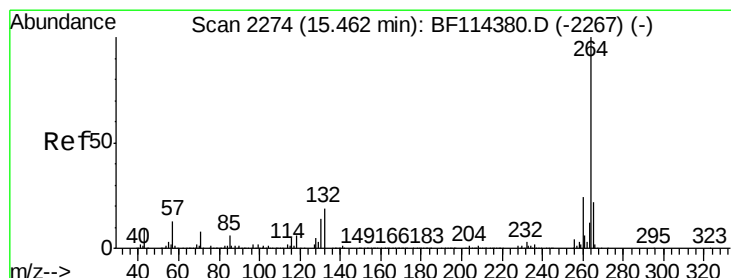
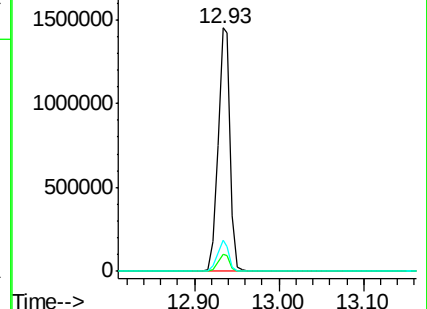
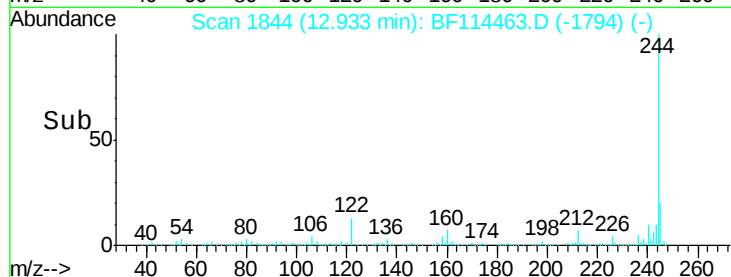
122 12.9 9.4 14.2



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: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF114463.D

Acq: 21 May 2019 18:30

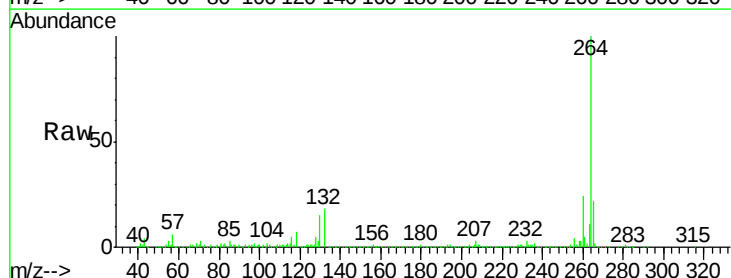
Tgt Ion:264 Resp: 404347

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 22.2 16.9 25.3



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

