

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114523.D
 Acq On : 23 May 2019 13:52
 Operator : JU/SJ
 Sample : PB119776BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Quant Time: May 24 07:31:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	379679	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1489627	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	723841	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1456081	20.00	ng	0.00
76) Chrysene-d12	13.98	240	1185404	20.00	ng	0.00
87) Perylene-d12	15.44	264	1160699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1330723	56.40	ng	0.01
7) Phenol-d6	6.46	99	1750556	62.73	ng	0.00
23) Nitrobenzene-d5	7.37	82	1083940	40.84	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	446690	59.69	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1999757	41.79	ng	0.00
79) Terphenyl-d14	12.92	244	2127820	37.00	ng	0.00

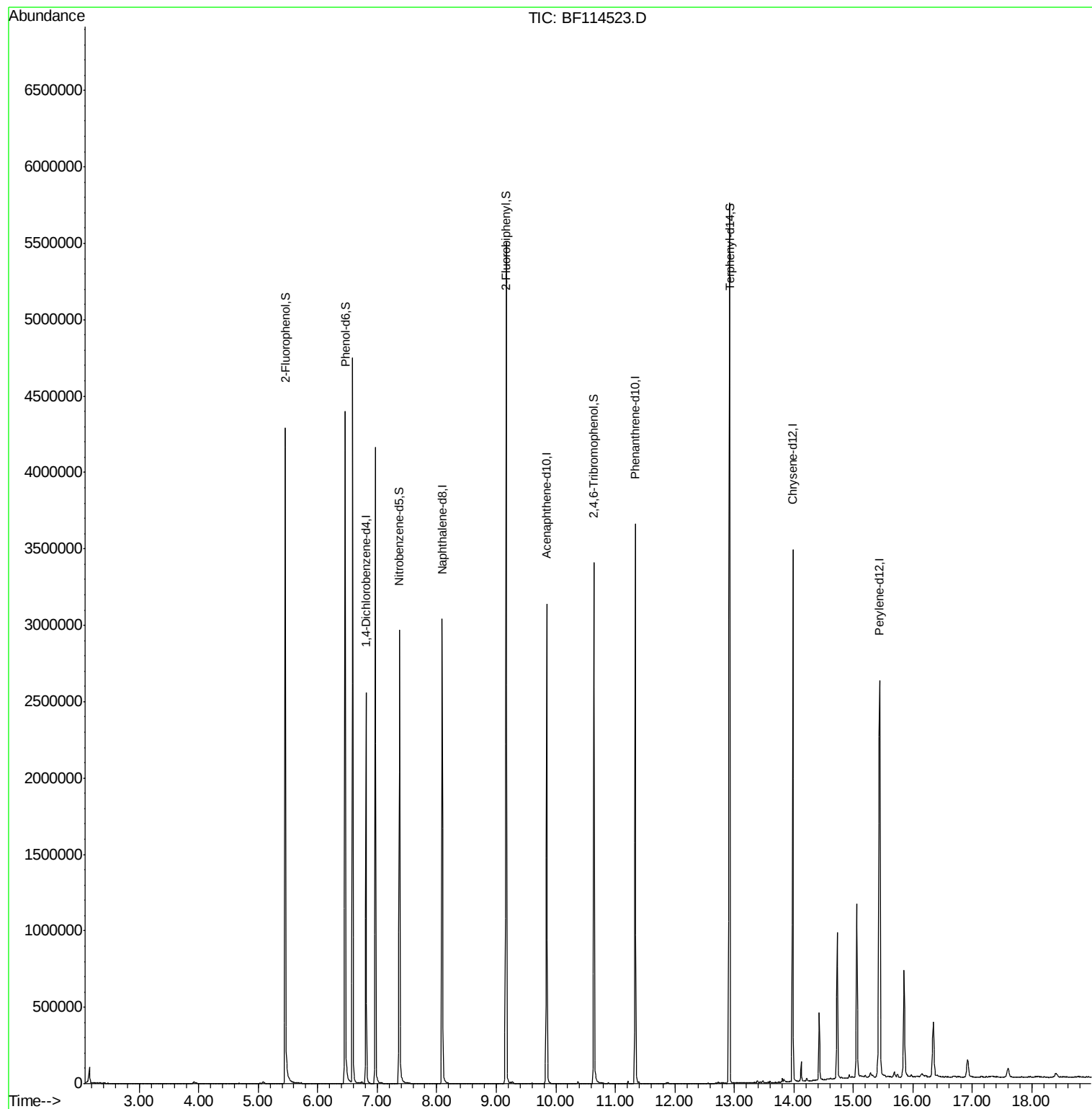
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB119776BL

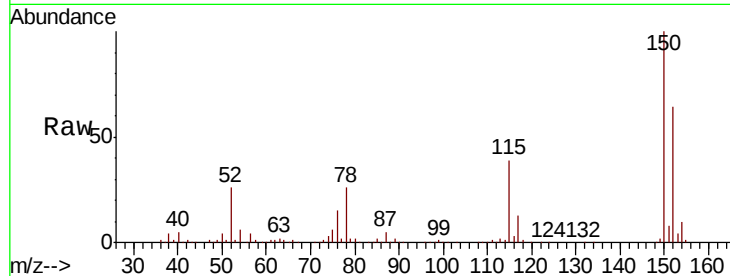
Tot Ion:152 Resp: 379679

Ion Ratio Lower Upper

152 100

150 156.2 124.3 186.5

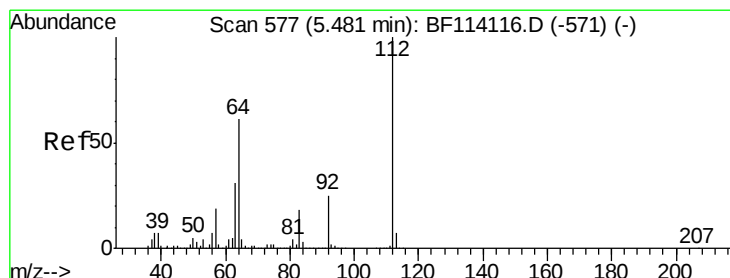
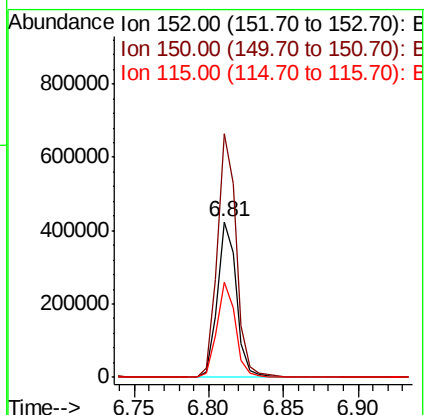
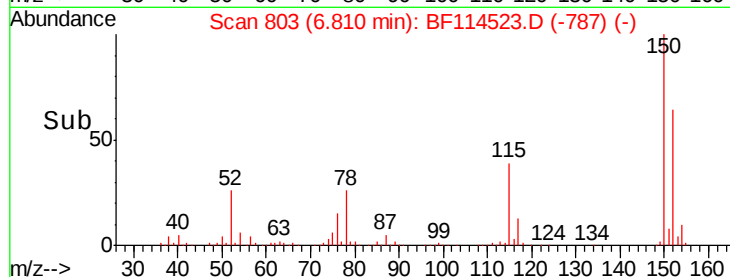
115 61.3 49.1 73.7



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: 56.402 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

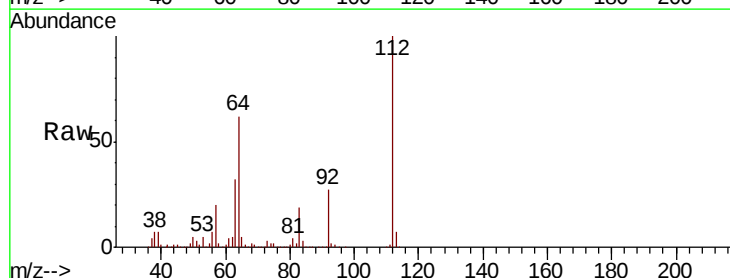
Tgt Ion:112 Resp: 1330723

Ion Ratio Lower Upper

112 100

64 62.3 49.0 73.6

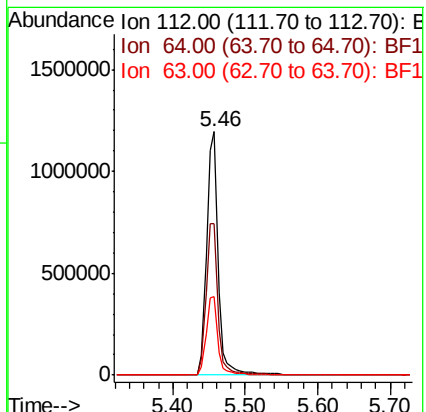
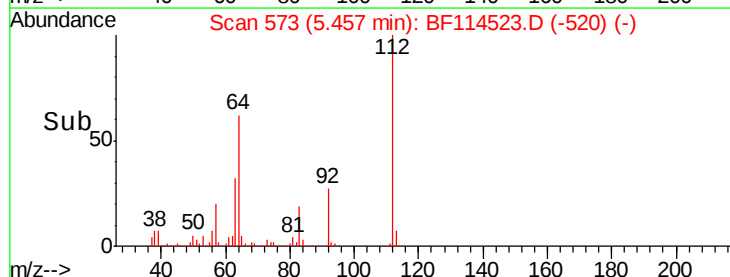
63 32.3 24.6 37.0



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: 62.734 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB119776BL

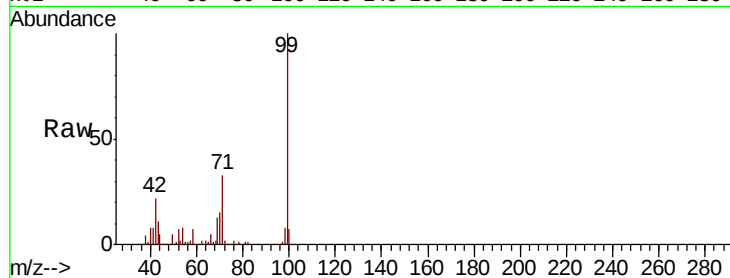
Tot Ion: 99 Resp: 1750556

Ion Ratio Lower Upper

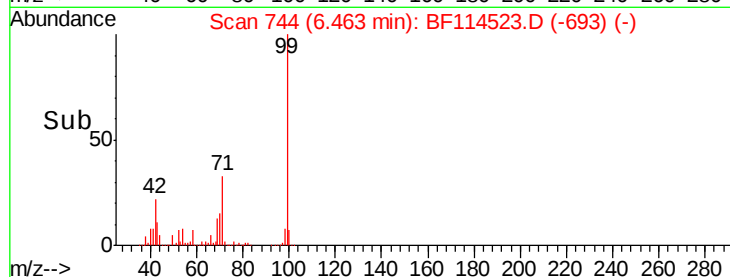
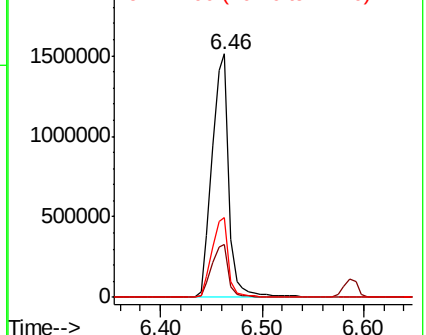
99 100

42 21.6 17.9 26.9

71 32.7 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

Tgt Ion: 136 Resp: 1489627

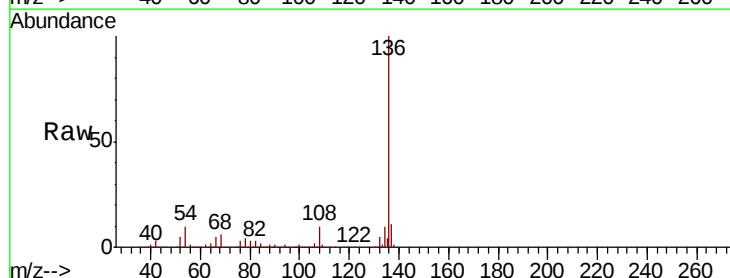
Ion Ratio Lower Upper

136 100

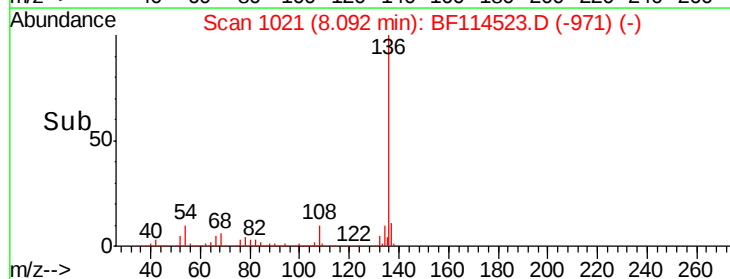
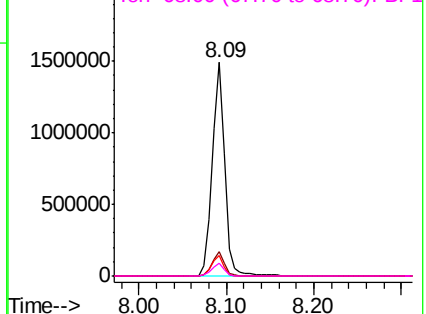
137 11.2 8.8 13.2

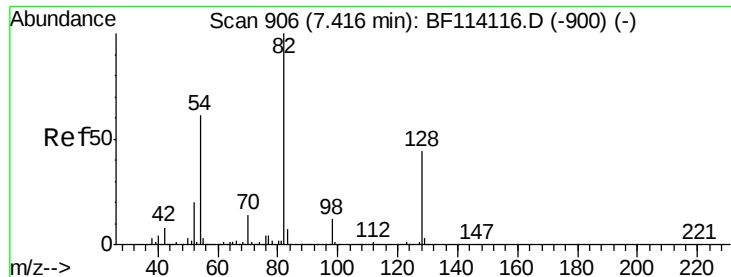
54 9.7 7.8 11.8

68 6.0 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

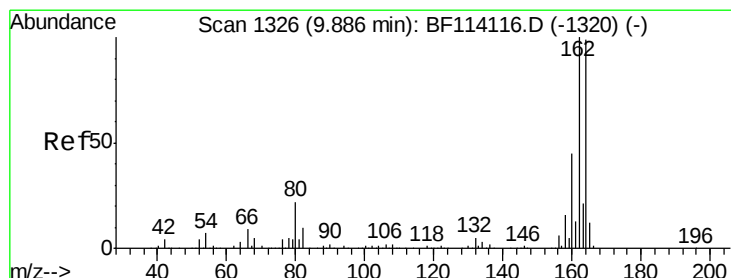
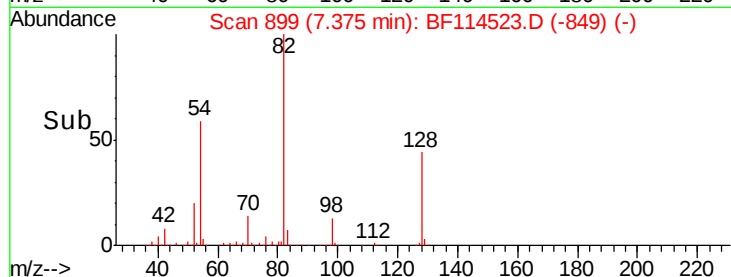
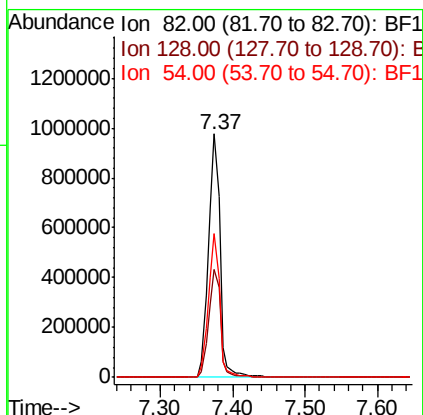
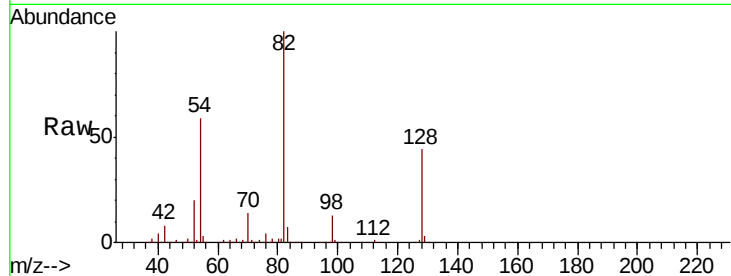




#23
 Nitrobenzene-d5
 Concen: 40.836 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114523.D
 Acq: 23 May 2019 13:52

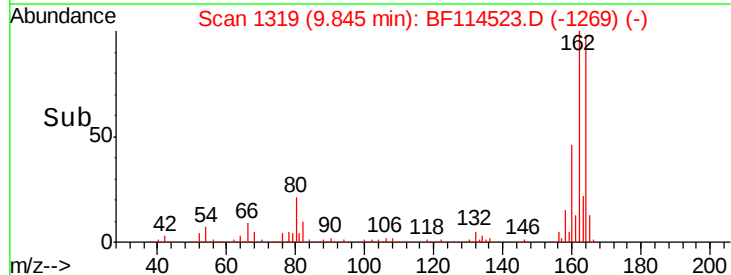
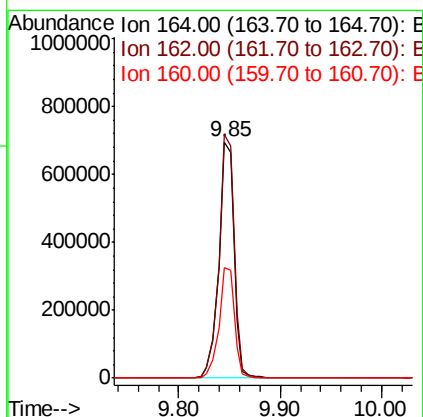
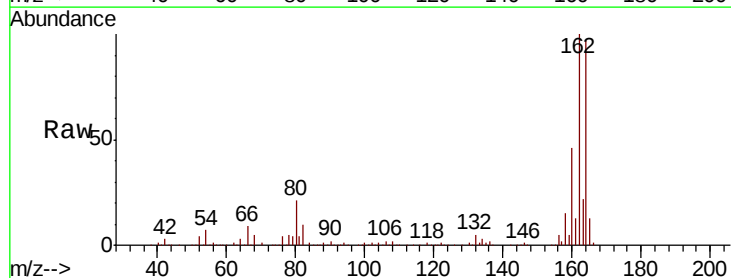
Instrument :
 BNA_F
 ClientSampleID :
 PB119776BL

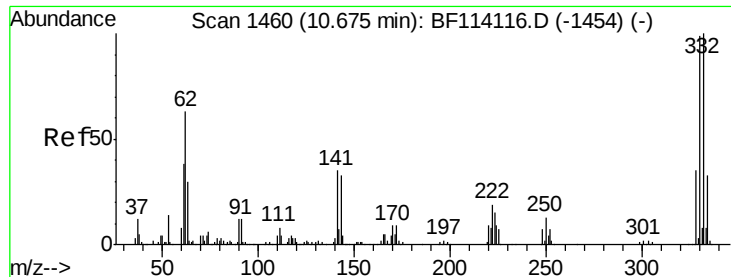
Tot Ion: 82 Resp: 1083940
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.5 53.3
 54 58.9 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114523.D
 Acq: 23 May 2019 13:52

Tgt Ion: 164 Resp: 723841
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.6 120.8
 160 46.9 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 59.692 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB119776BL

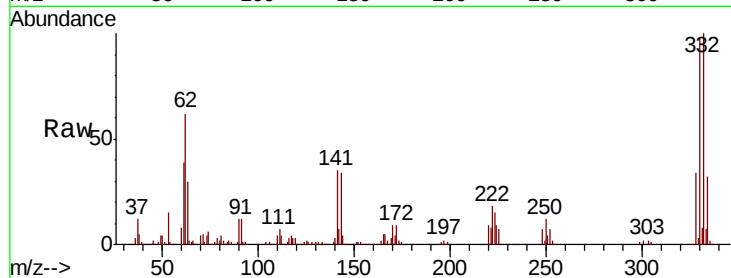
Tot Ion:330 Resp: 446690

Ion Ratio Lower Upper

330 100

332 101.4 81.4 122.2

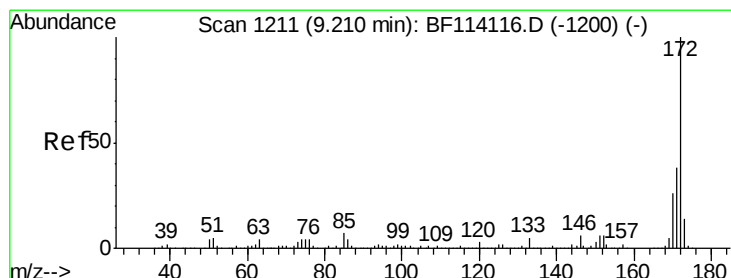
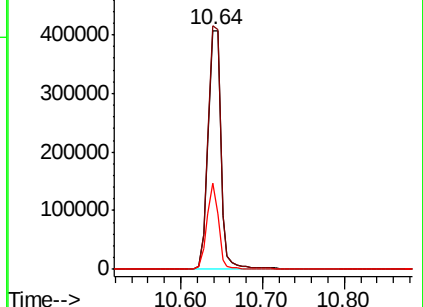
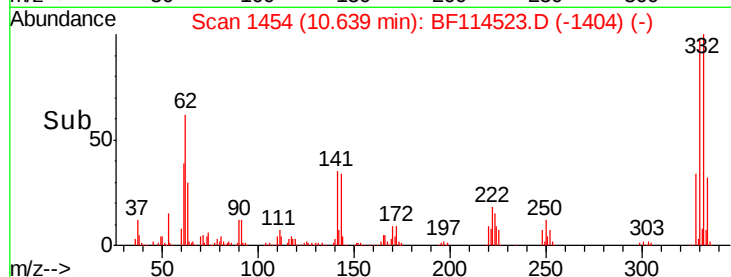
141 32.5 26.6 40.0



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: 41.790 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

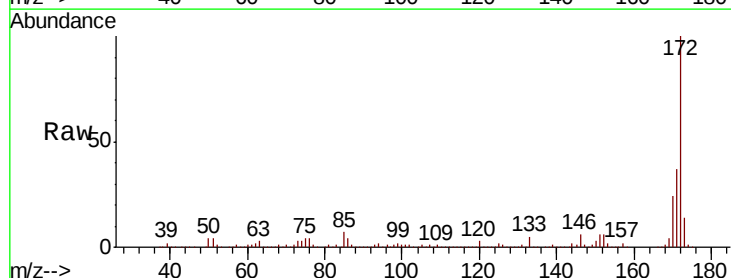
Tgt Ion:172 Resp: 1999757

Ion Ratio Lower Upper

172 100

171 37.0 30.7 46.1

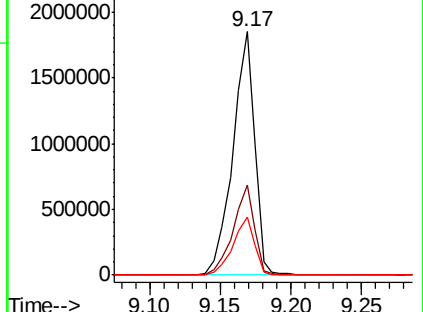
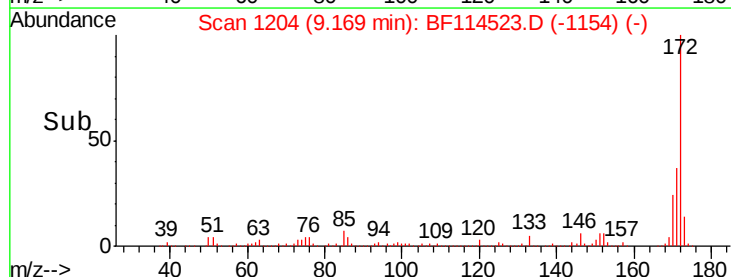
170 24.0 20.5 30.7

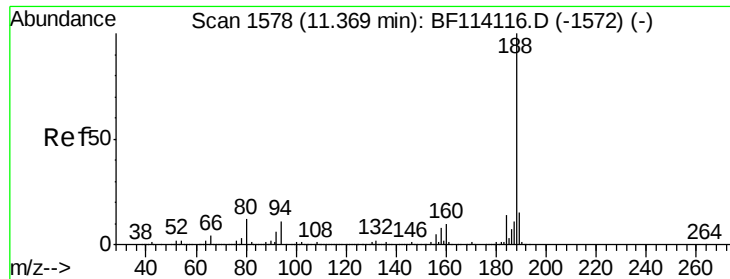


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

Instrument :

BNA_F

ClientSampleId :

PB119776BL

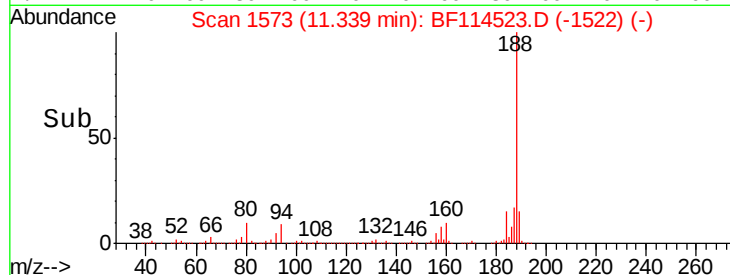
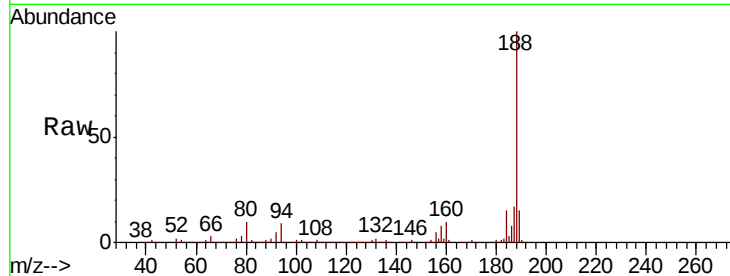
Tot Ion:188 Resp: 1456081

Ion Ratio Lower Upper

188 100

94 9.5 8.4 12.6

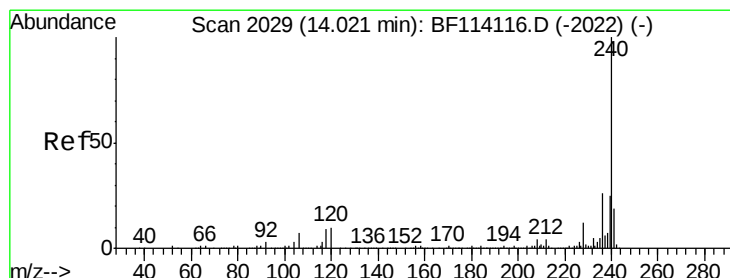
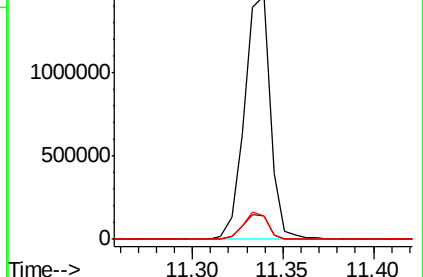
80 9.5 9.2 13.8



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

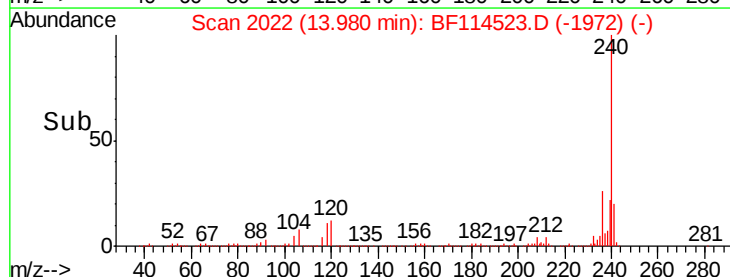
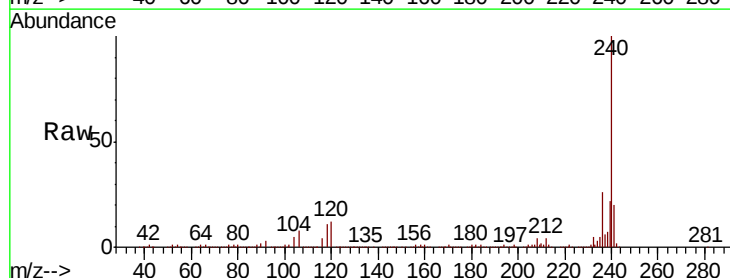
Tgt Ion:240 Resp: 1185404

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

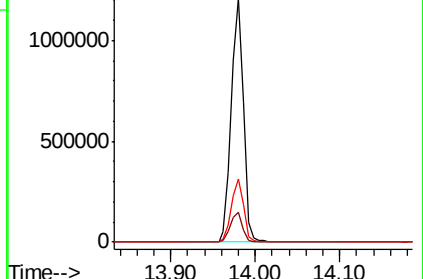
236 26.0 20.8 31.2

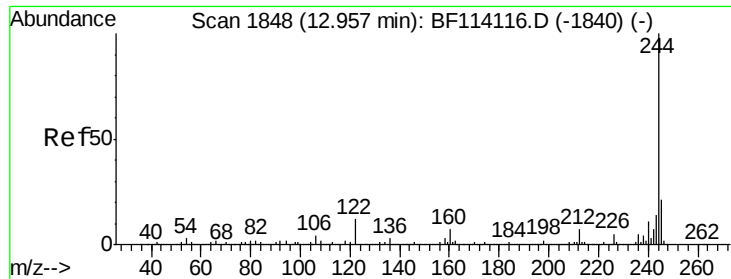


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 37.003 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

Instrument :

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ClientSampleId :

PB119776BL

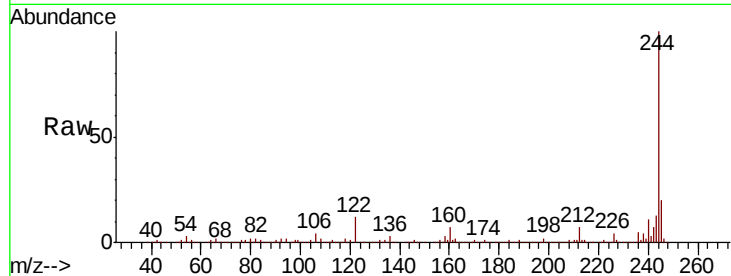
Tot Ion:244 Resp: 2127820

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

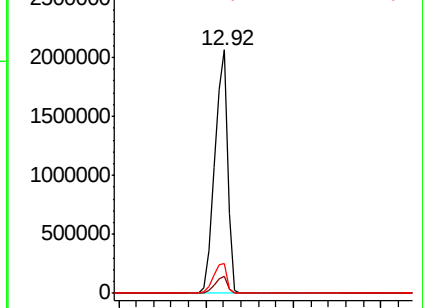
122 12.5 9.4 14.2



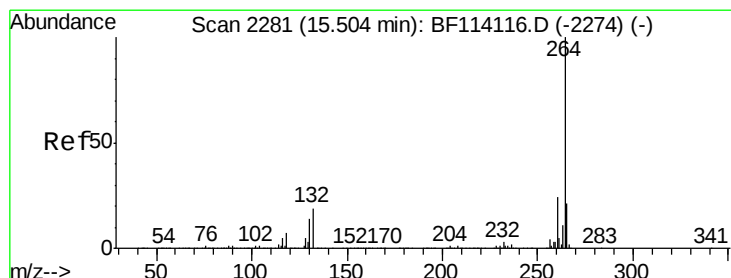
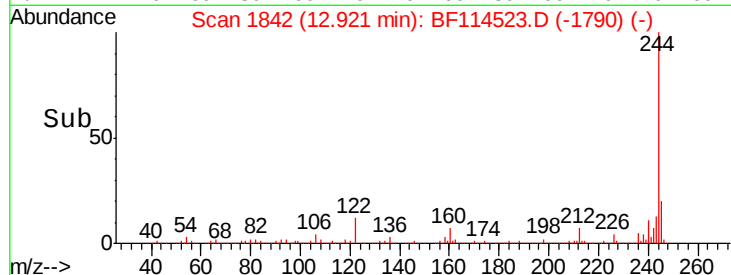
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00 13.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF114523.D

Acq: 23 May 2019 13:52

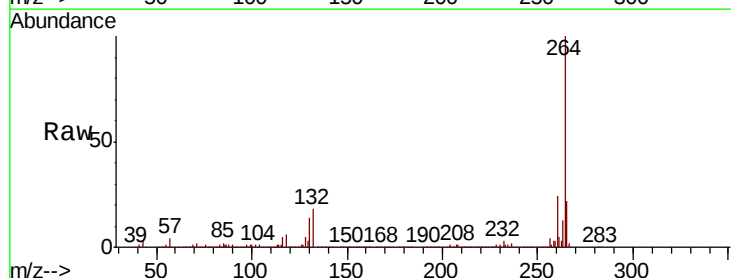
Tgt Ion:264 Resp: 1160699

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

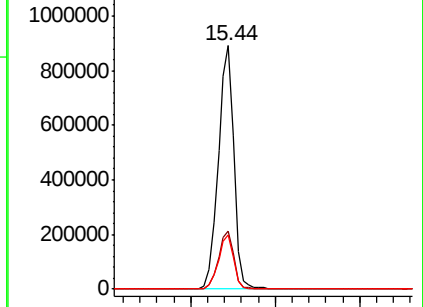
265 22.2 16.9 25.3



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



Time--> 15.40 15.50 15.60

