

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114652.D
 Acq On : 30 May 2019 11:06
 Operator : HP/JU
 Sample : PB119288BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BL

Quant Time: May 30 14:30:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 14:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	523328	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	2021884	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	1029473	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1963901	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1533758	20.00	ng	0.00
87) Perylene-d12	15.20	264	1620354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2809789	94.27	ng	0.02
7) Phenol-d6	6.33	99	3415804	95.10	ng	0.00
23) Nitrobenzene-d5	7.25	82	2177373	67.19	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1001421	102.09	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3881547	62.64	ng	0.00
79) Terphenyl-d14	12.78	244	4157566	50.97	ng	0.00

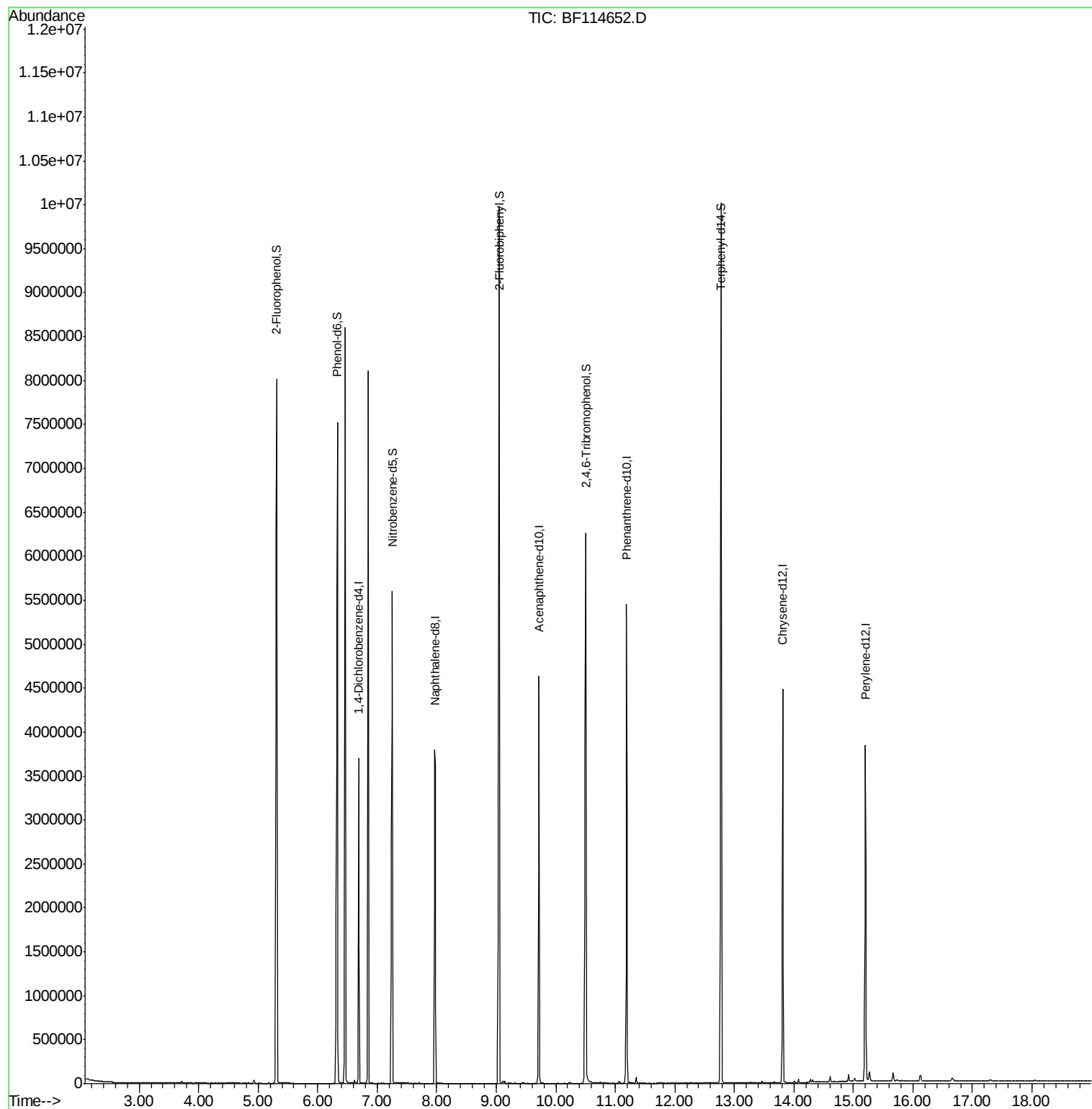
Target Compounds Qvalue

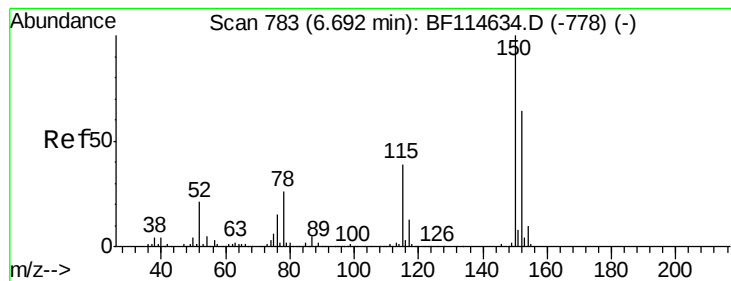
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF114652.D

Acq: 30 May 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB119288BL

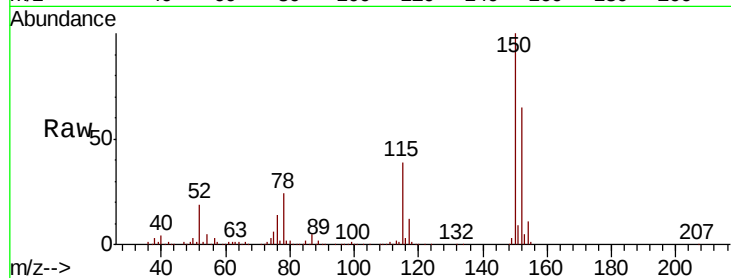
Tot Ion:152 Resp: 523328

Ion Ratio Lower Upper

152 100

150 154.9 124.4 186.6

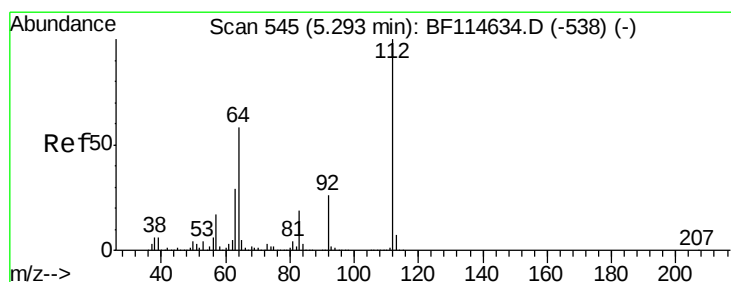
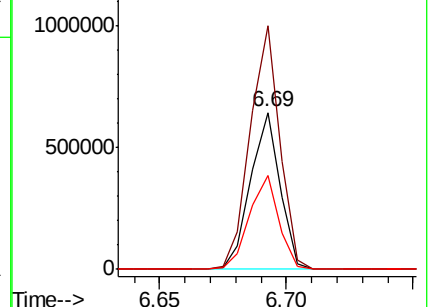
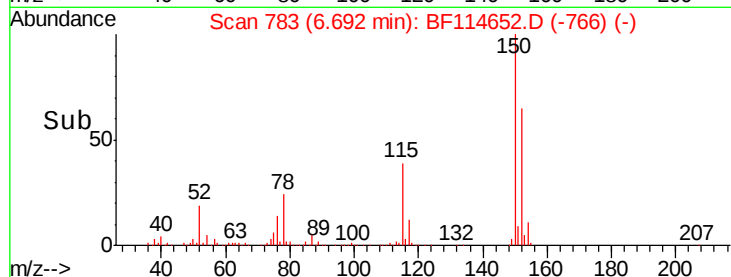
115 59.8 48.7 73.1



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: 94.265 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF114652.D

Acq: 30 May 2019 11:06

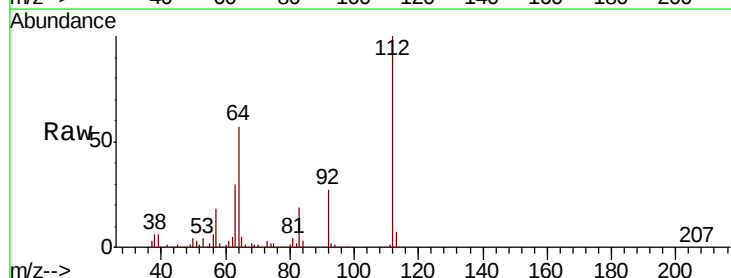
Tgt Ion:112 Resp: 2809789

Ion Ratio Lower Upper

112 100

64 56.9 46.1 69.1

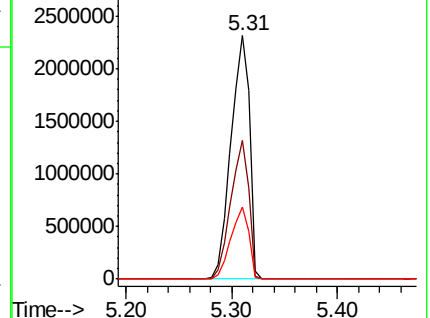
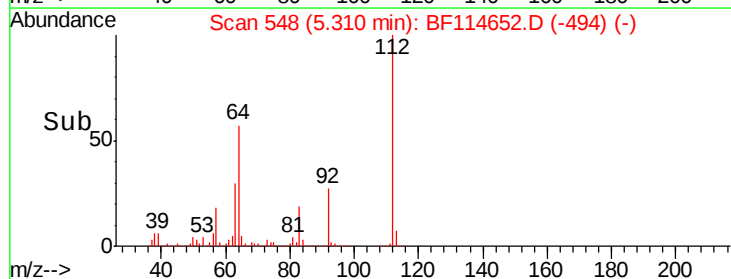
63 29.8 23.4 35.2

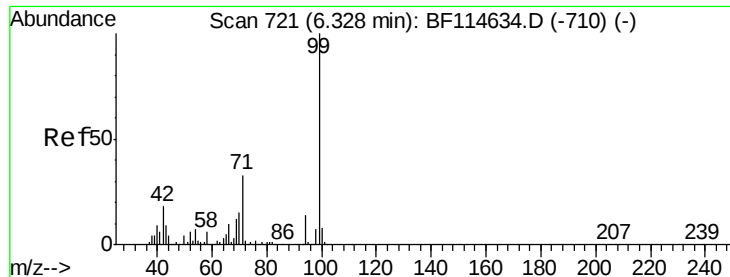


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.098 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114652.D

Acq: 30 May 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB119288BL

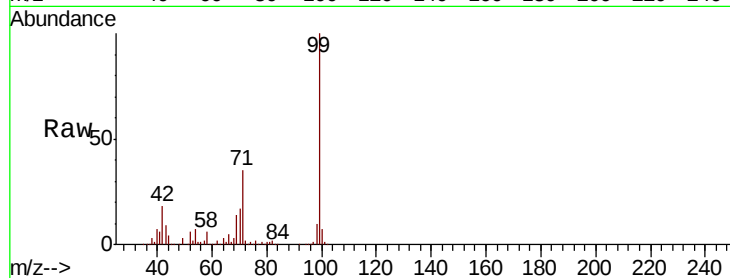
Tot Ion: 99 Resp: 3415804

Ion Ratio Lower Upper

99 100

42 17.9 14.7 22.1

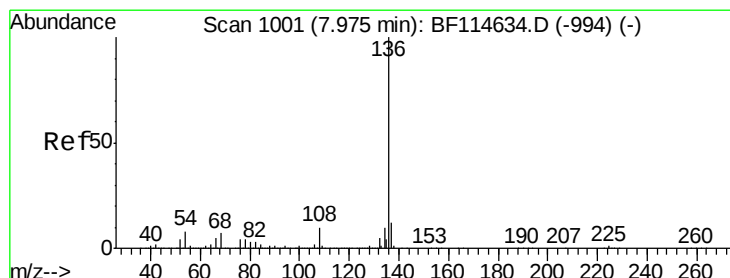
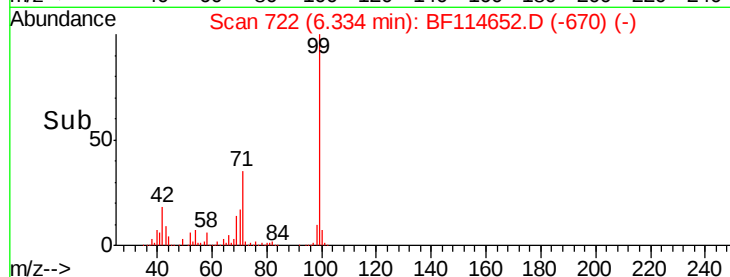
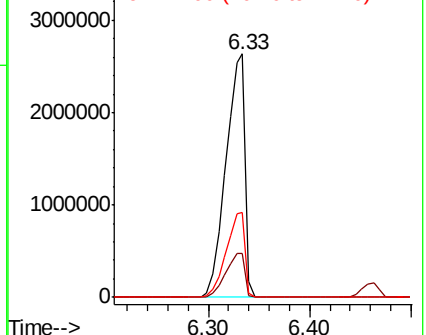
71 34.8 26.6 40.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF114652.D

Acq: 30 May 2019 11:06

Tgt Ion: 136 Resp: 2021884

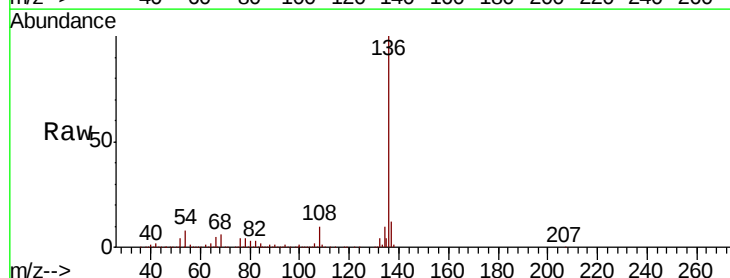
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 7.6 6.3 9.5

68 6.4 5.4 8.0

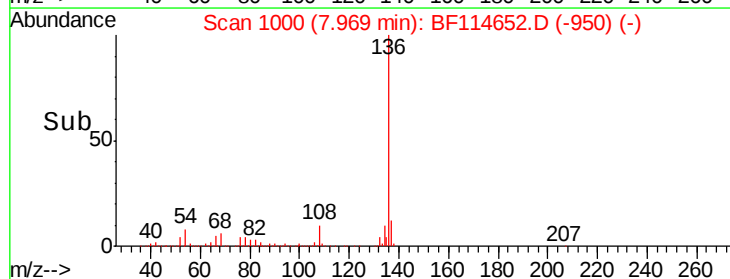
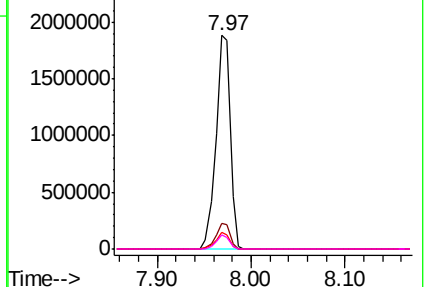


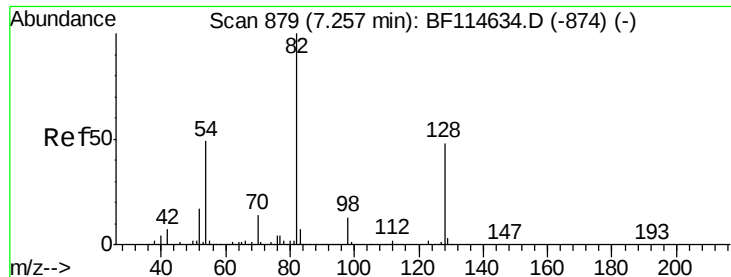
Abundance Ion 136.00 (135.70 to 136.70): E

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

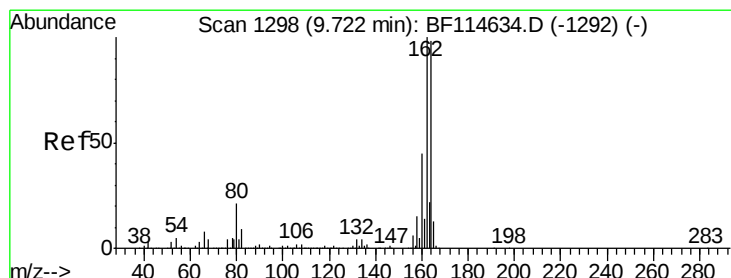
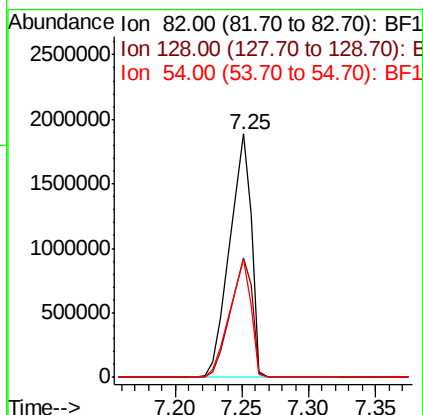
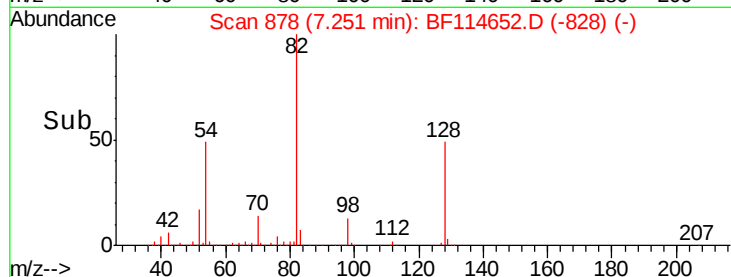
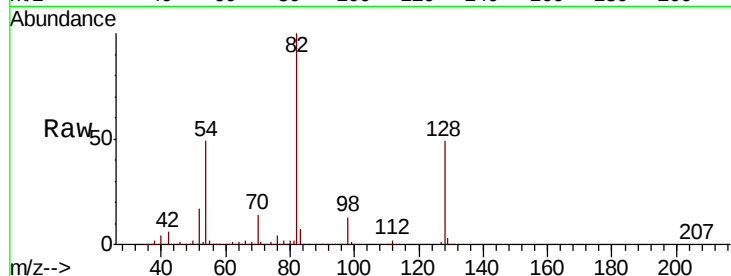




#23
Nitrobenzene-d5
Concen: 67.187 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114652.D
Acq: 30 May 2019 11:06

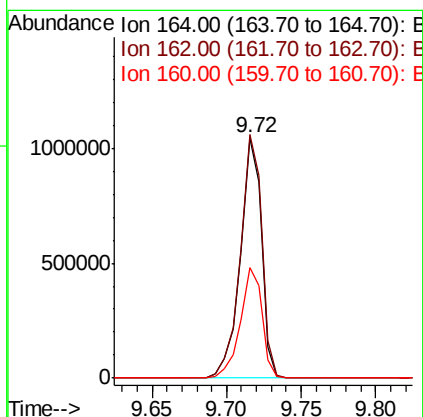
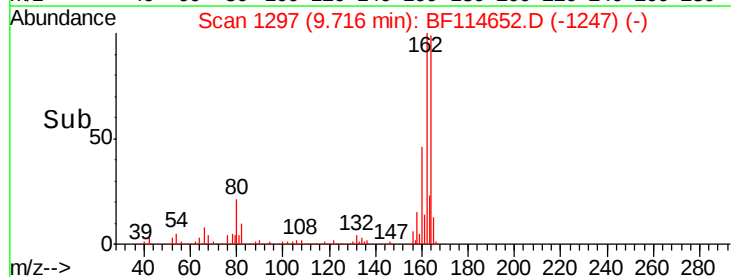
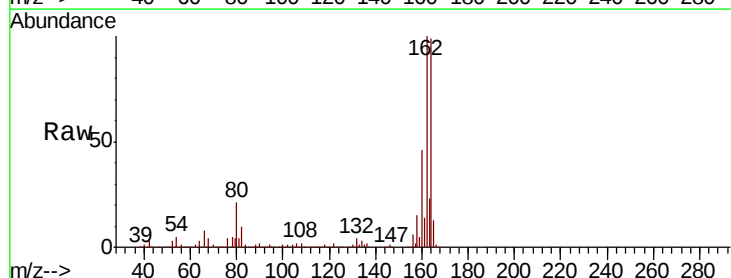
Instrument :
BNA_F
ClientSampleId :
PB119288BL

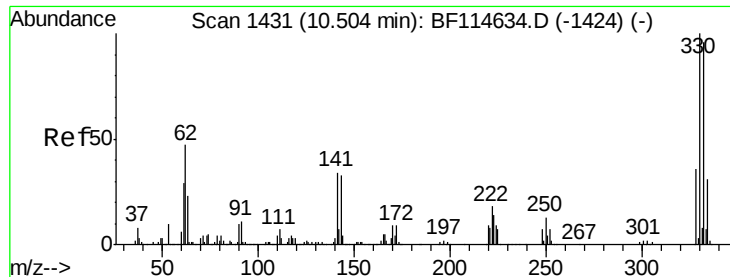
Tot Ion: 82 Resp: 2177373
Ion Ratio Lower Upper
82 100
128 49.0 38.5 57.7
54 48.6 39.1 58.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114652.D
Acq: 30 May 2019 11:06

Tgt Ion:164 Resp: 1029473
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.2
160 46.2 36.6 54.8

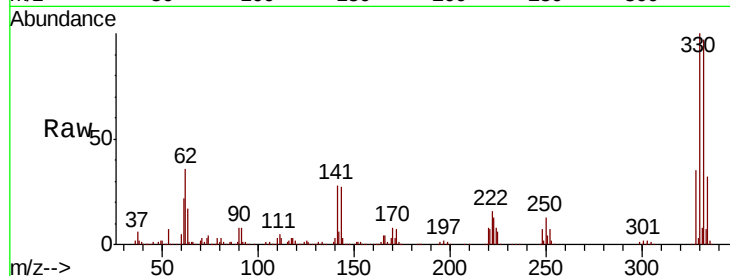




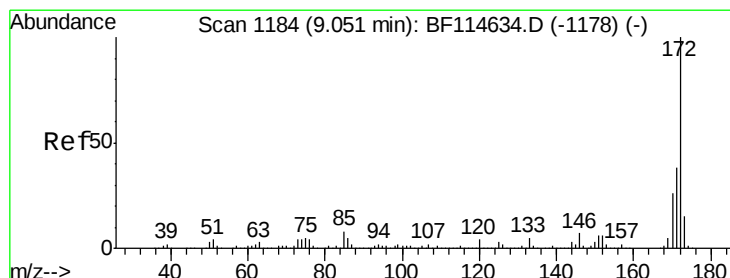
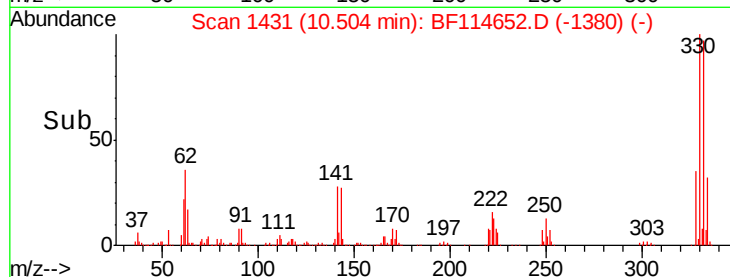
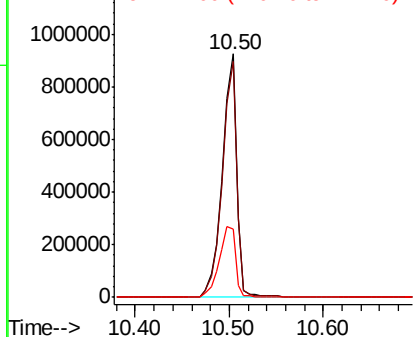
#42
 2,4,6-Tribromophenol
 Concen: 102.089 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114652.D
 Acq: 30 May 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BL

Tot Ion:330 Resp: 1001421
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.8 113.8
 141 33.2 27.8 41.8

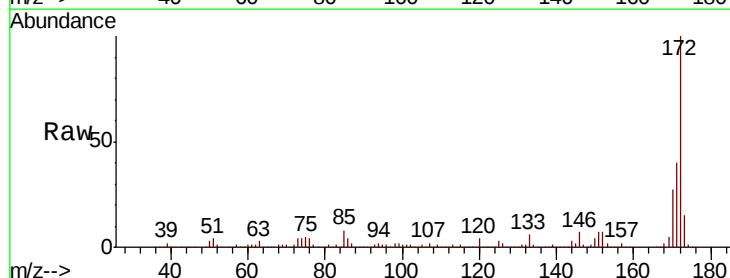


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

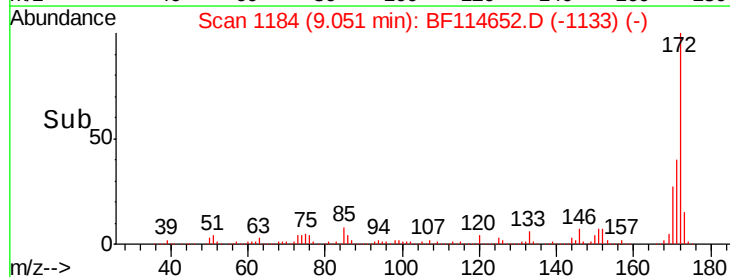
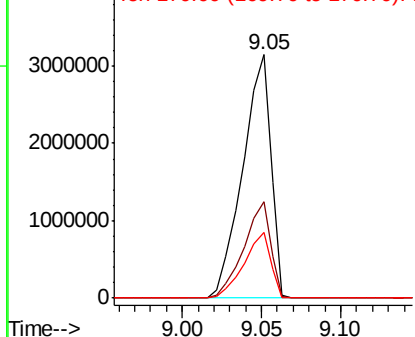


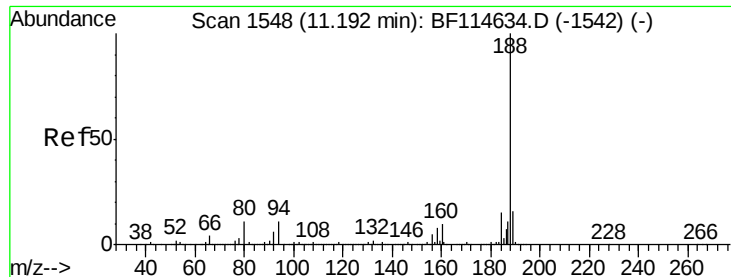
#45
 2-Fluorobiphenyl
 Concen: 62.641 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114652.D
 Acq: 30 May 2019 11:06

Tgt Ion:172 Resp: 3881547
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.6 45.8
 170 26.9 20.7 31.1



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

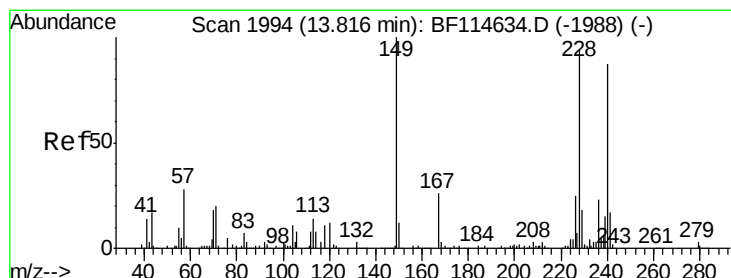
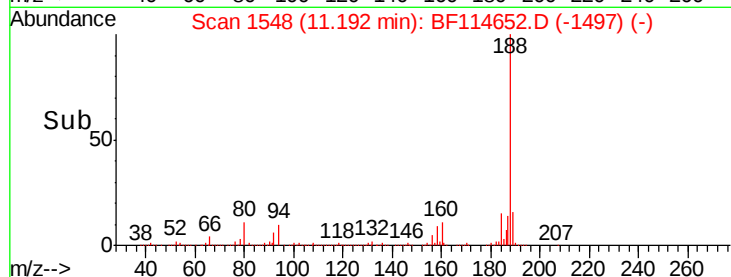
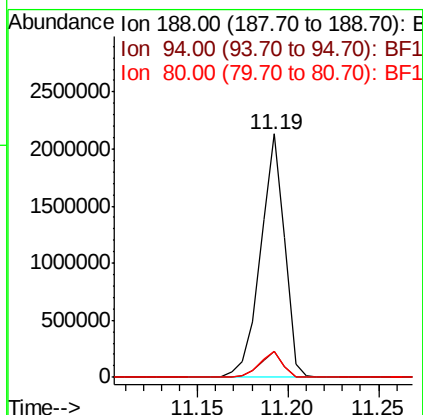
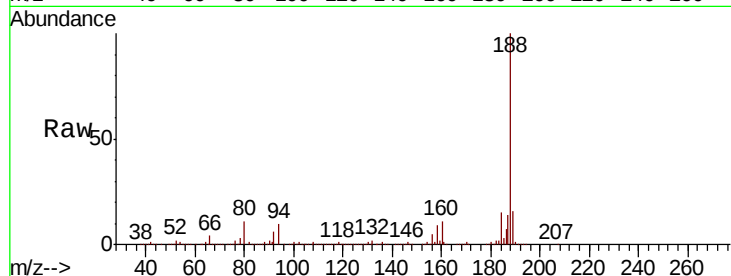




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114652.D
Acq: 30 May 2019 11:06

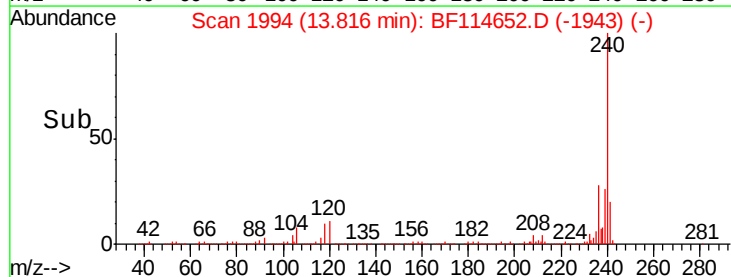
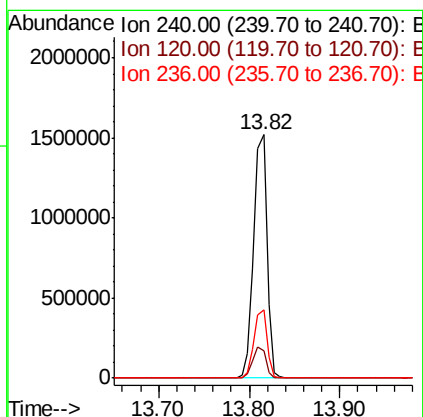
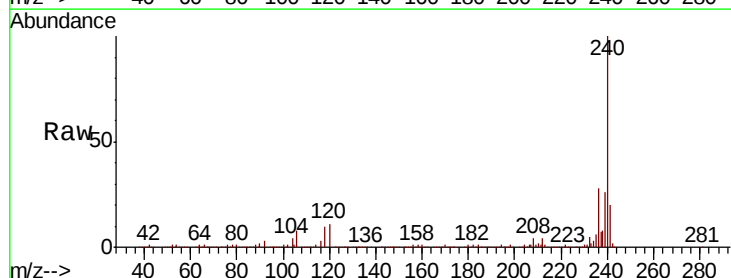
Instrument :
BNA_F
ClientSampled :
PB119288BL

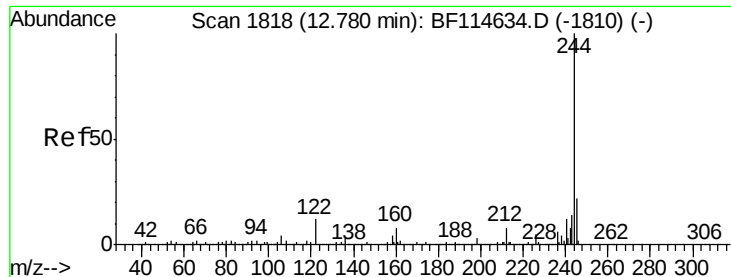
Tot Ion:188 Resp: 1963901
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 10.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114652.D
Acq: 30 May 2019 11:06

Tgt Ion:240 Resp: 1533758
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 28.2 21.2 31.8





#79

Terphenyl-d14

Concen: 50.965 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114652.D

Acq: 30 May 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB119288BL

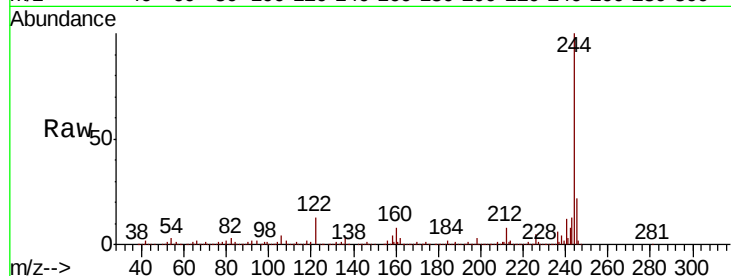
Tot Ion:244 Resp: 4157566

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

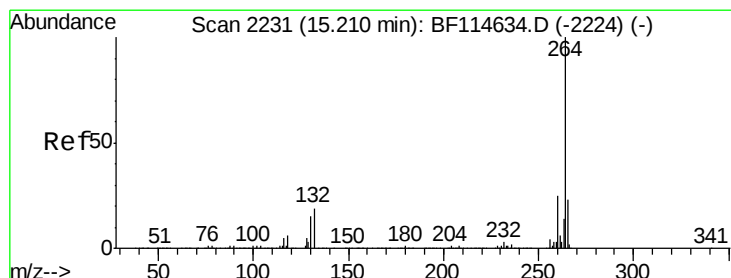
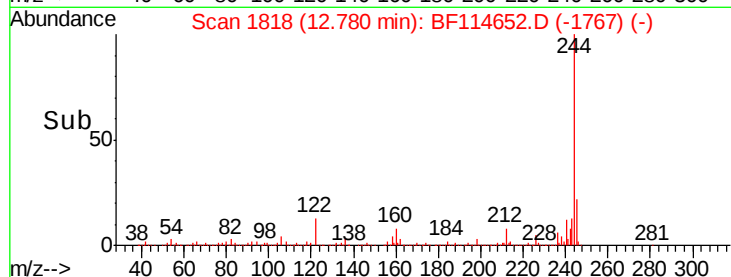
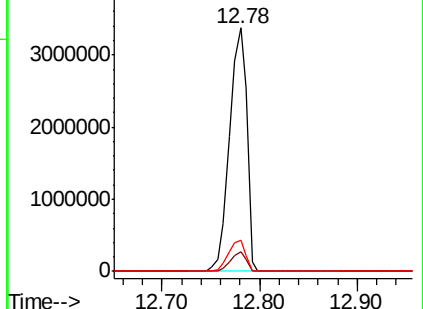
122 12.8 9.8 14.8



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: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114652.D

Acq: 30 May 2019 11:06

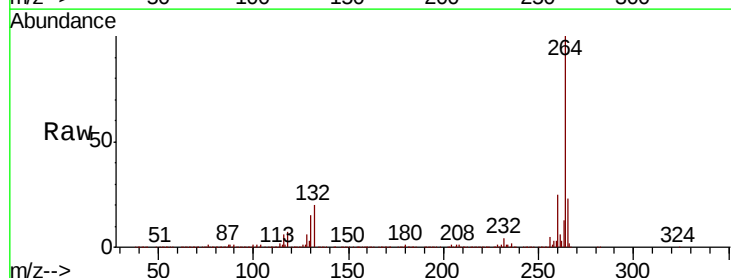
Tgt Ion:264 Resp: 1620354

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 23.1 18.1 27.1



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

