

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115983.D
 Acq On : 5 Aug 2019 16:50
 Operator : HP/JU
 Sample : PB121965BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BL

Quant Time: Aug 06 02:09:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153101	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	580488	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	303176	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	518092	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	379192	20.00	ng	-0.02
87) Perylene-d12	15.46	264	371002	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1105844	120.92	ng	0.01
7) Phenol-d6	6.48	99	1421544	123.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	942178	93.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	373537	127.08	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1637524	101.17	ng	-0.02
79) Terphenyl-d14	12.95	244	1680209	93.37	ng	-0.02

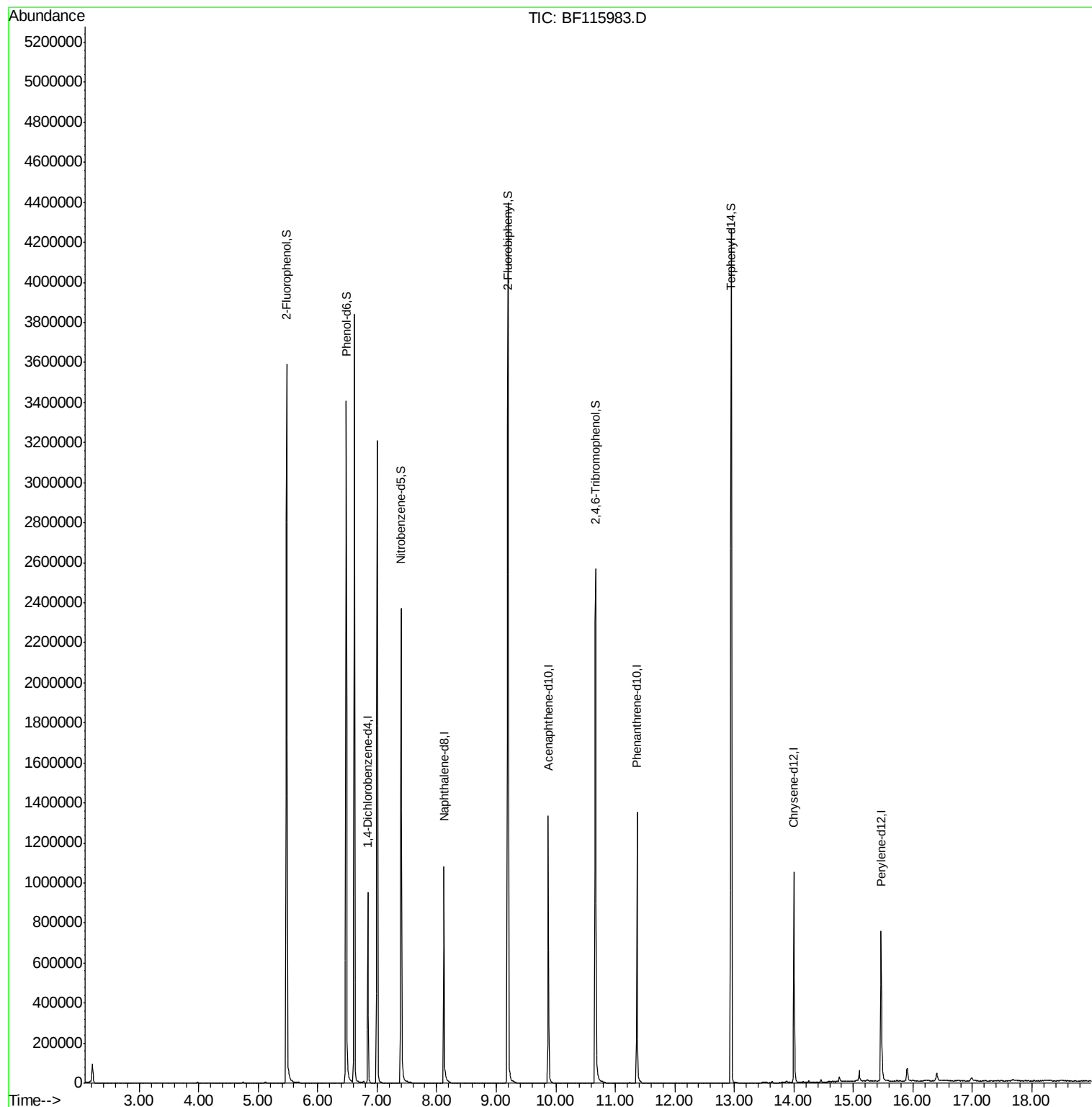
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115983.D
Acq On : 5 Aug 2019 16:50
Operator : HP/JU
Sample : PB121965BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121965BL

Quant Time: Aug 06 02:09:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

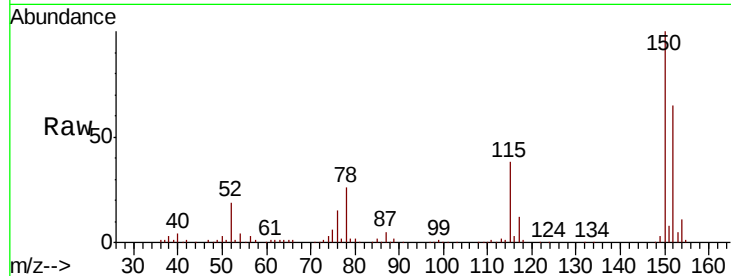




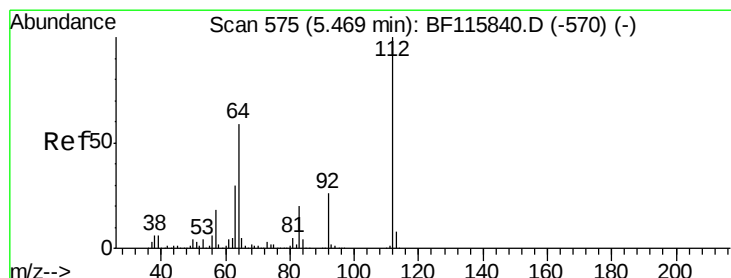
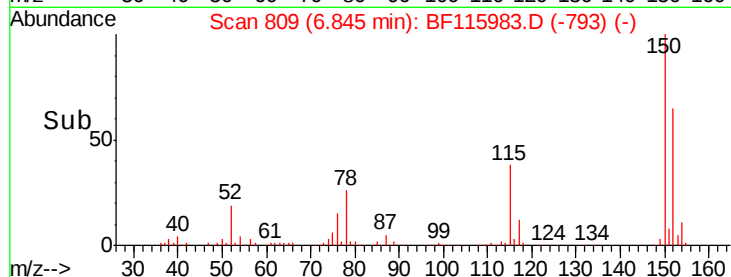
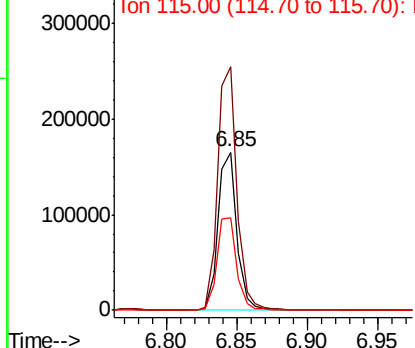
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF115983.D
 Acq: 5 Aug 2019 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BL

Tot Ion:152 Resp: 153101
 Ion Ratio Lower Upper
 152 100
 150 154.0 127.4 191.0
 115 58.6 51.8 77.8

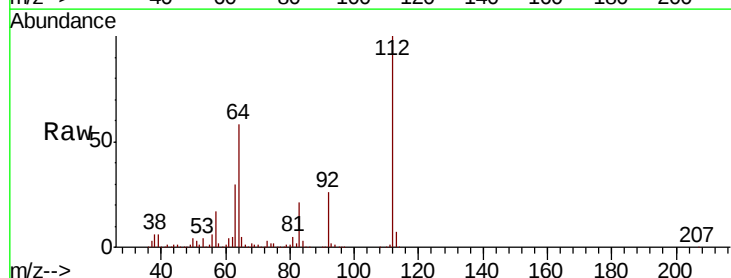


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

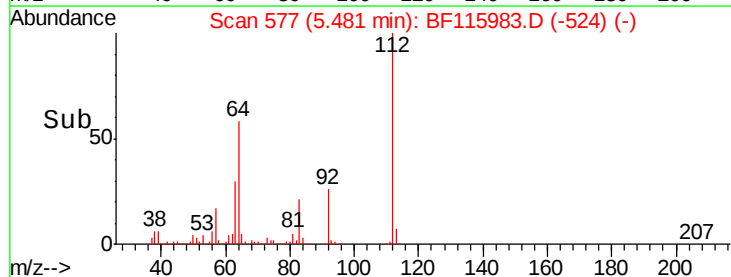
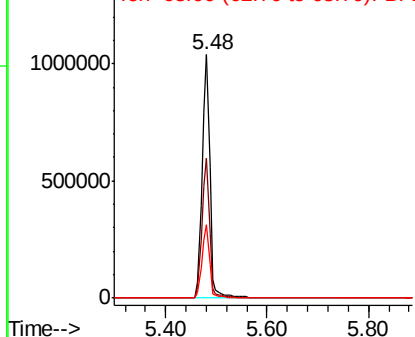


#5
 2-Fluorophenol
 Concen: 120.917 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF115983.D
 Acq: 5 Aug 2019 16:50

Tgt Ion:112 Resp: 1105844
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.8 70.2
 63 30.3 24.2 36.2



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: 123.199 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115983.D

Acq: 5 Aug 2019 16:50

Instrument :

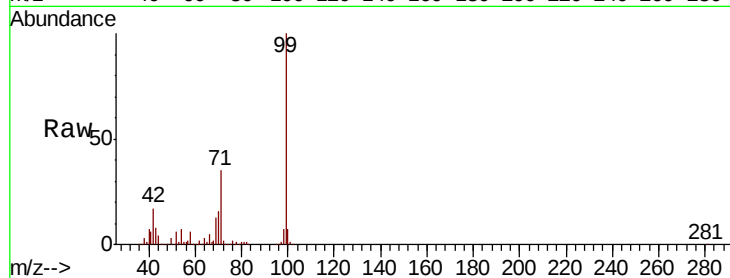
BNA_F

ClientSampleId :

PB121965BL

Tot Ion: 99 Resp: 1421544

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.8	20.6
71	34.9	27.1	40.7

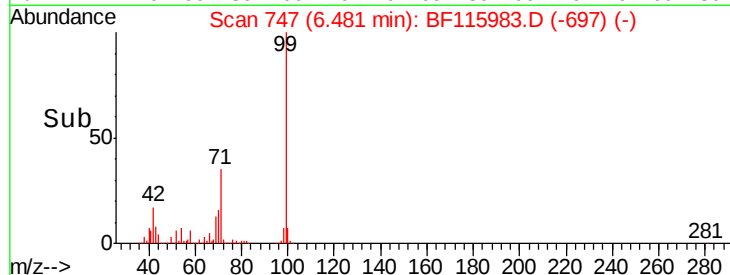
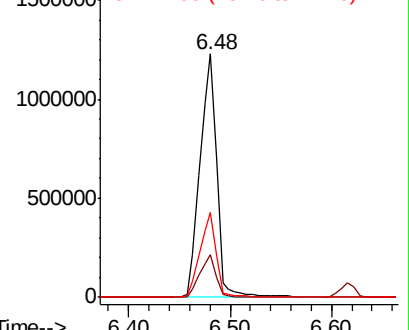


Abundance

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: 8.12 min Scan# 1026

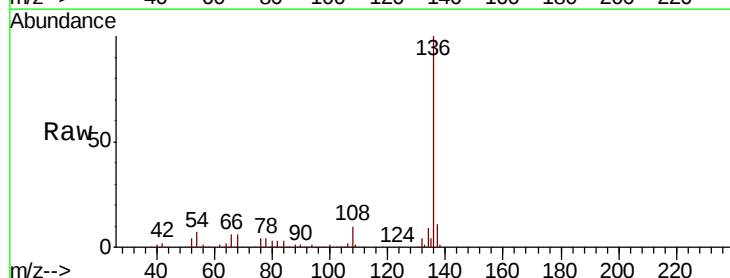
Delta R.T. -0.01 min

Lab File: BF115983.D

Acq: 5 Aug 2019 16:50

Tgt Ion: 136 Resp: 580488

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.1	6.1	9.1
68	6.2	5.4	8.2



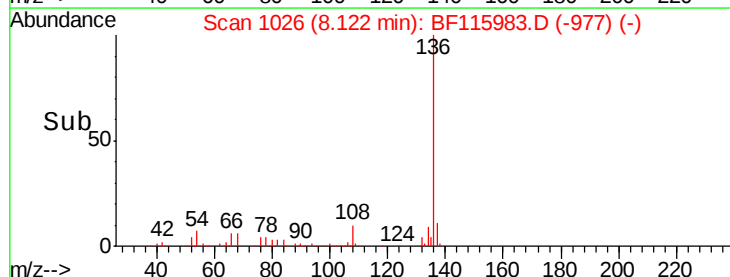
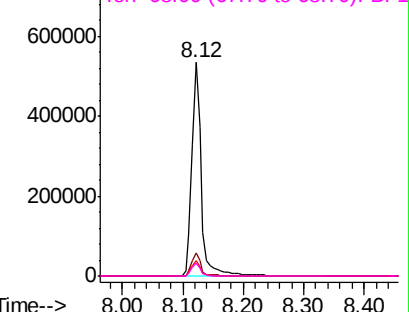
Abundance

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

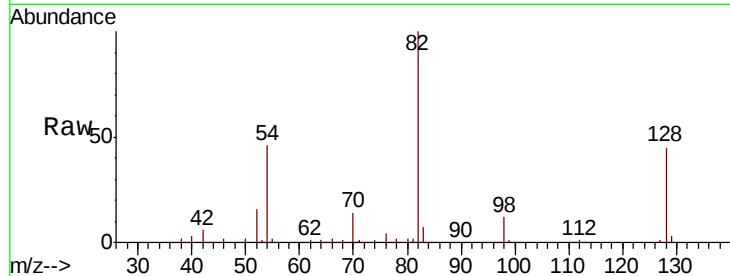




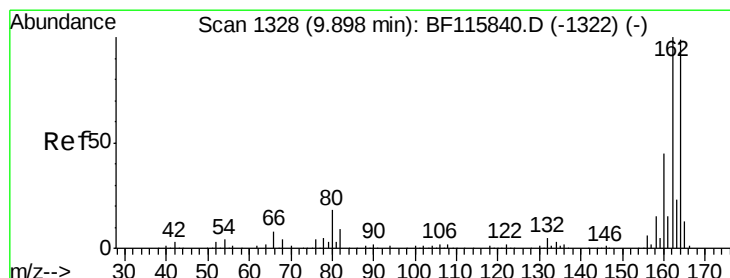
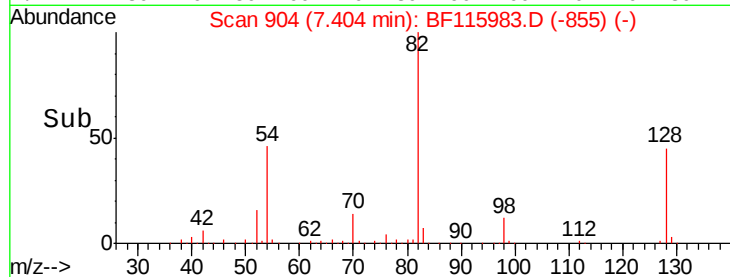
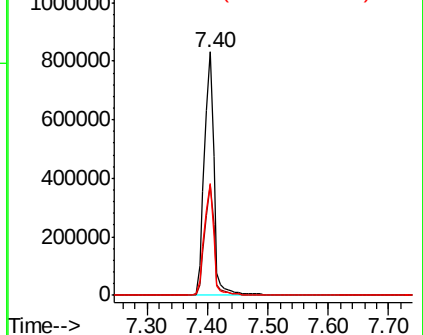
#23
 Nitrobenzene-d5
 Concen: 93.689 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF115983.D
 Acq: 5 Aug 2019 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB121965BL

Tot Ion: 82 Resp: 942178
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.6 55.0
 54 45.7 36.6 55.0

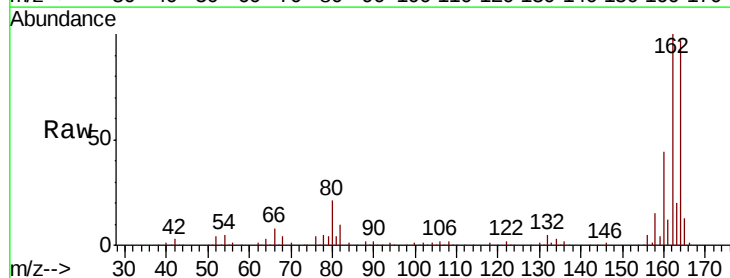


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

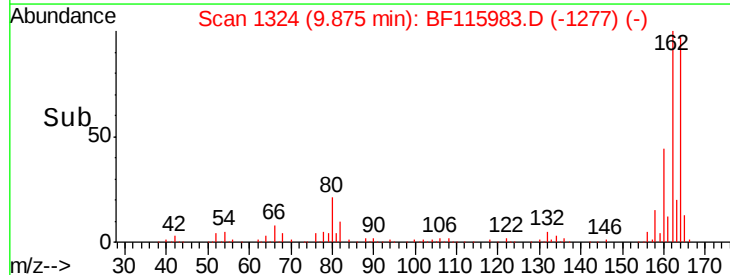
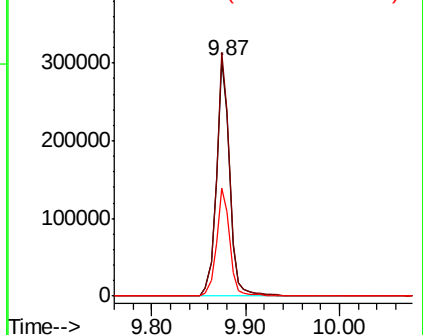


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF115983.D
 Acq: 5 Aug 2019 16:50

Tgt Ion: 164 Resp: 303176
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.8 121.2
 160 45.8 36.2 54.4



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: 127.080 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF115983.D

Acq: 5 Aug 2019 16:50

Instrument :

BNA_F

ClientSampleId :

PB121965BL

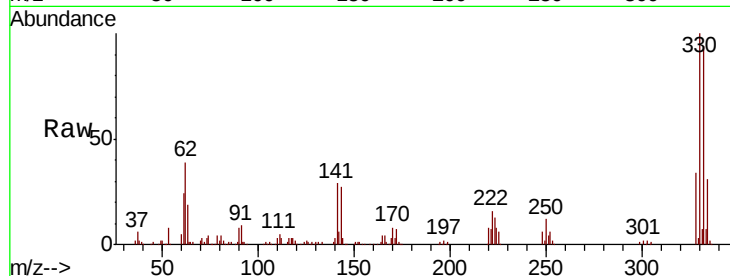
Tot Ion:330 Resp: 373537

Ion Ratio Lower Upper

330 100

332 95.4 77.7 116.5

141 33.5 28.1 42.1

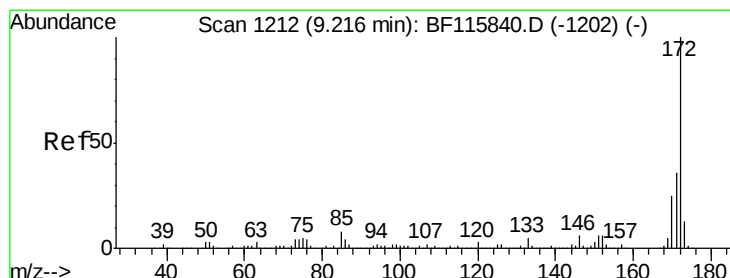
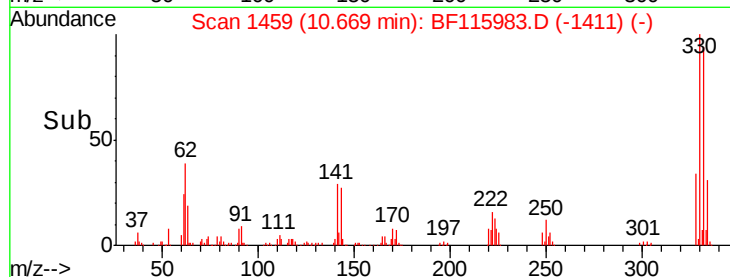
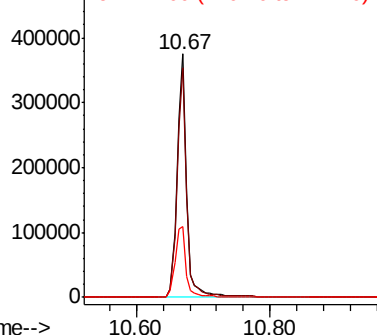


Abundance

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: 101.169 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF115983.D

Acq: 5 Aug 2019 16:50

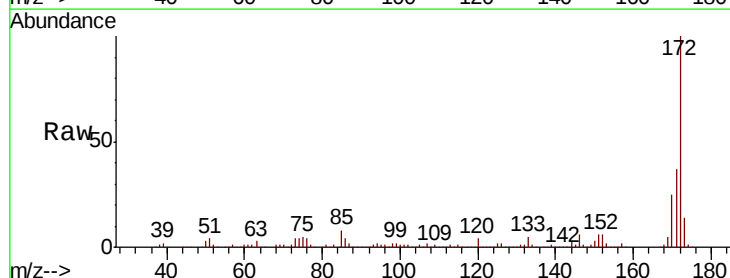
Tgt Ion:172 Resp: 1637524

Ion Ratio Lower Upper

172 100

171 36.9 29.1 43.7

170 25.1 20.1 30.1

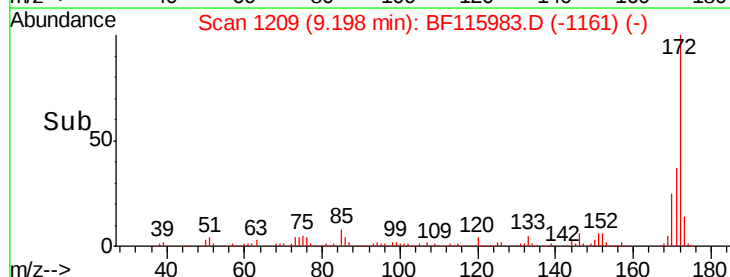
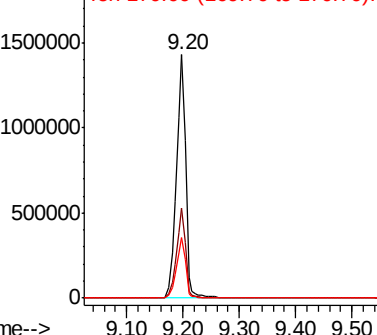


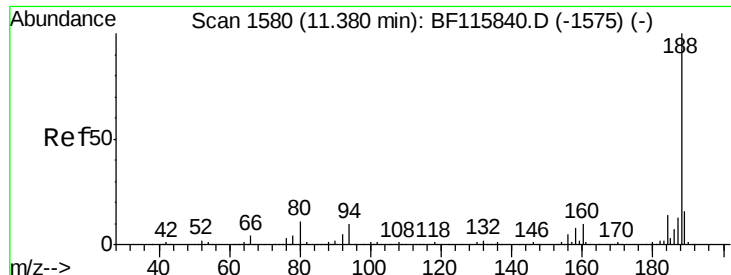
Abundance

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

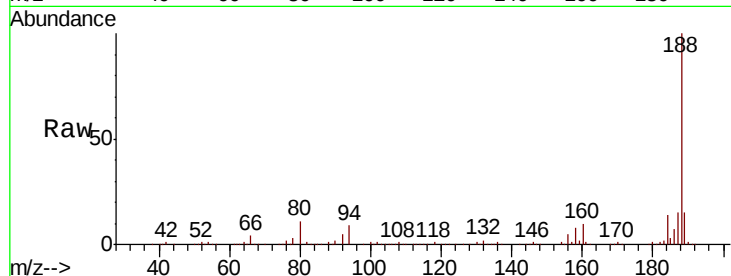




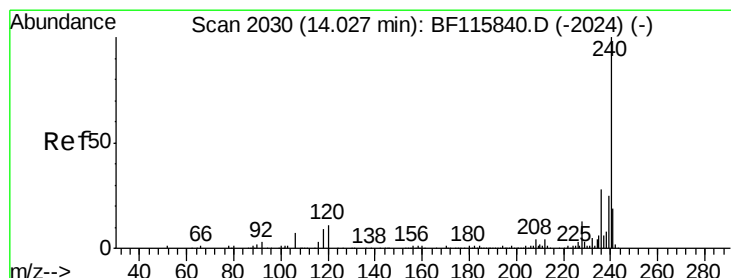
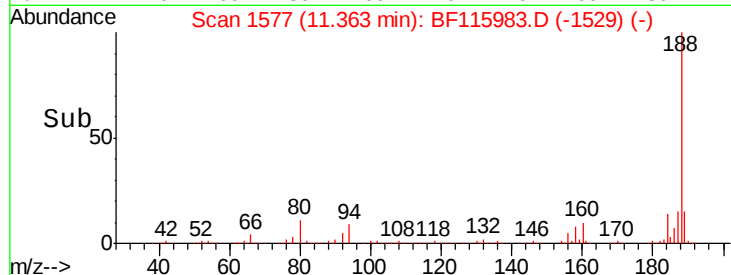
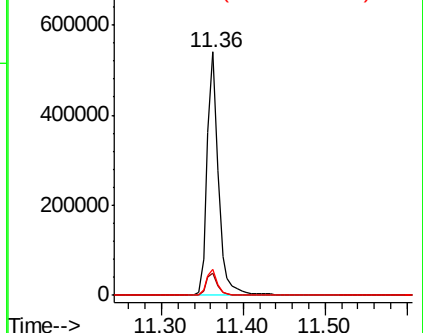
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF115983.D
Acq: 5 Aug 2019 16:50

Instrument :
BNA_F
ClientSampleId :
PB121965BL

Tot Ion:188 Resp: 518092
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.5 8.6 12.8

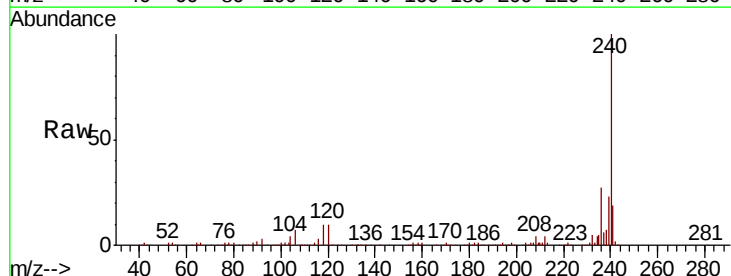


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

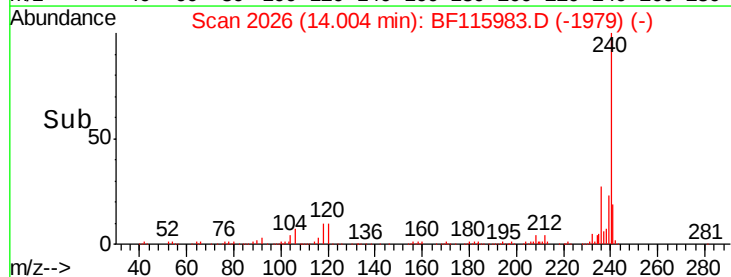
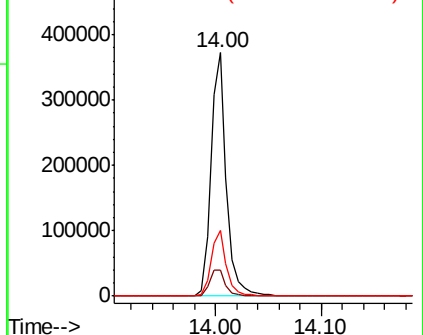


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115983.D
Acq: 5 Aug 2019 16:50

Tgt Ion:240 Resp: 379192
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 26.9 22.2 33.2



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: 93.369 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF115983.D

Acq: 5 Aug 2019 16:50

Instrument :

BNA_F

ClientSampleId :

PB121965BL

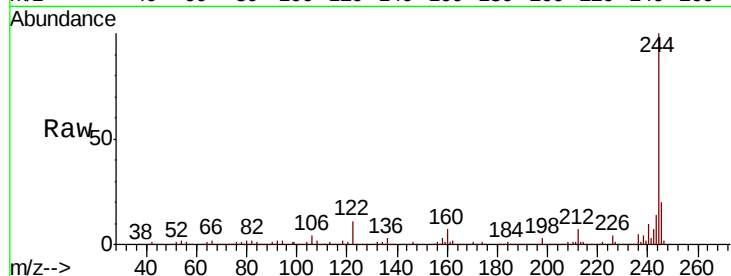
Tot Ion:244 Resp: 1680209

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

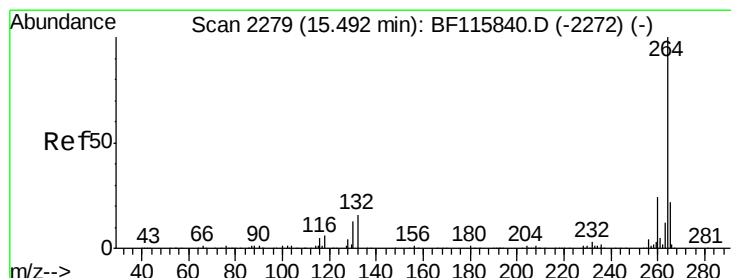
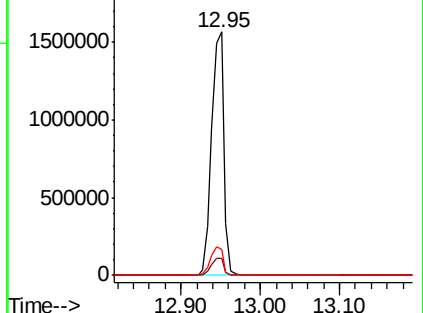
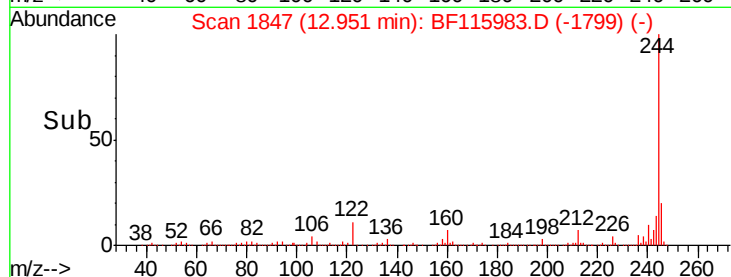
122 10.7 8.6 13.0



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. -0.03 min

Lab File: BF115983.D

Acq: 5 Aug 2019 16:50

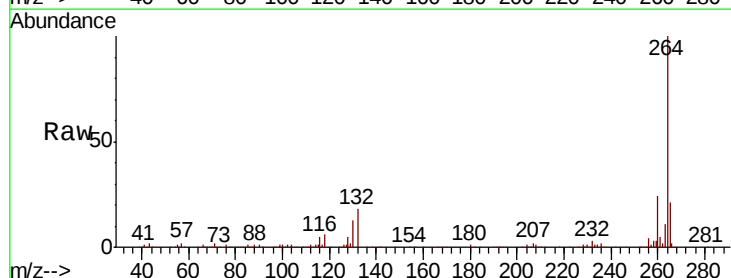
Tgt Ion:264 Resp: 371002

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.4 17.5 26.3



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

