

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116225.D
 Acq On : 13 Aug 2019 12:17
 Operator : HP/JU
 Sample : PB122181BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122181BL

Quant Time: Aug 13 23:44:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	132892	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	523908	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	281831	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	505347	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	359442	20.00	ng	0.00
87) Perylene-d12	15.47	264	338548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	962160	121.20	ng	0.00
7) Phenol-d6	6.47	99	1271352	126.94	ng	-0.01
23) Nitrobenzene-d5	7.40	82	820873	90.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	337801	123.63	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1423262	94.59	ng	-0.01
79) Terphenyl-d14	12.94	244	1572442	92.18	ng	0.00

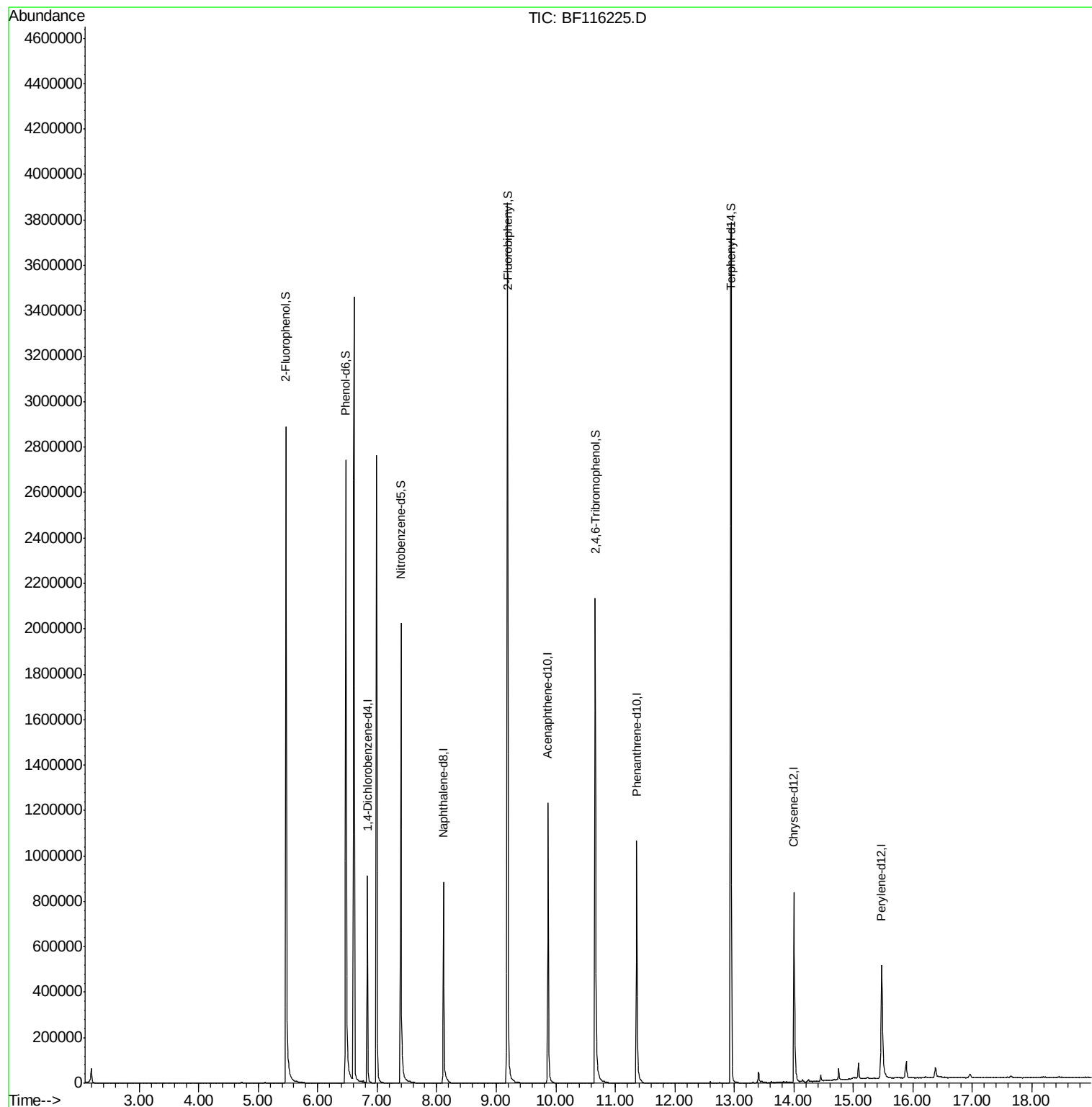
Target Compounds Qvalue

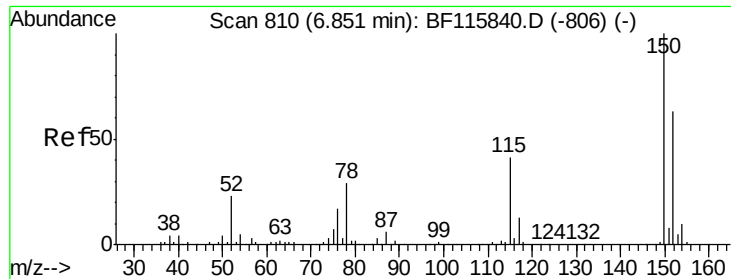
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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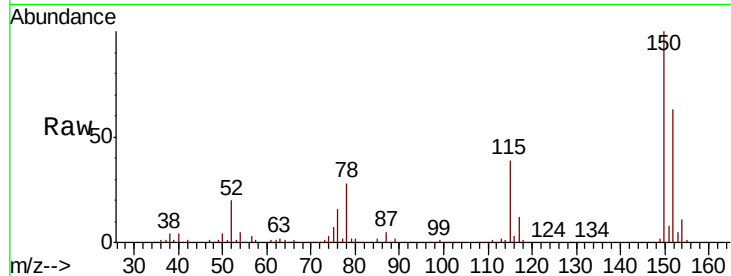


#1

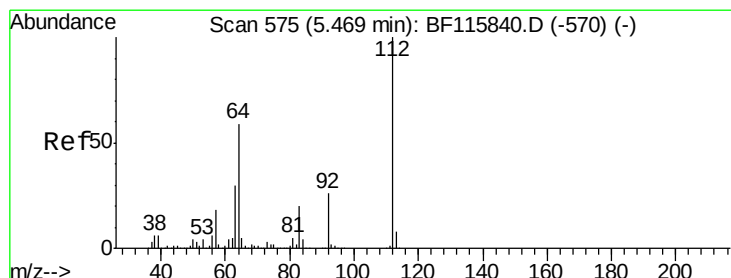
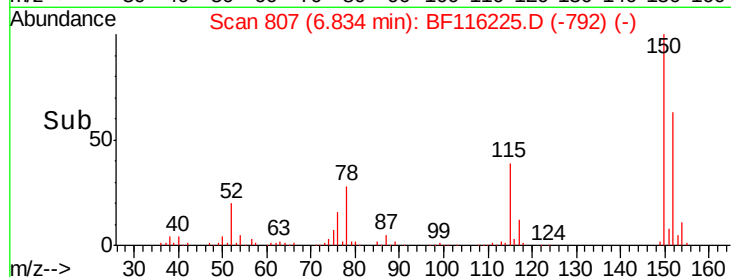
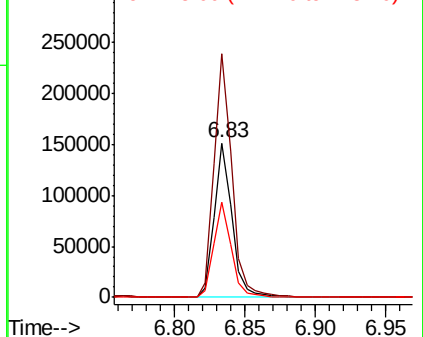
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116225.D
Acq: 13 Aug 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB122181BL

Tot Ion:152 Resp: 132892
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 61.7 49.9 74.9



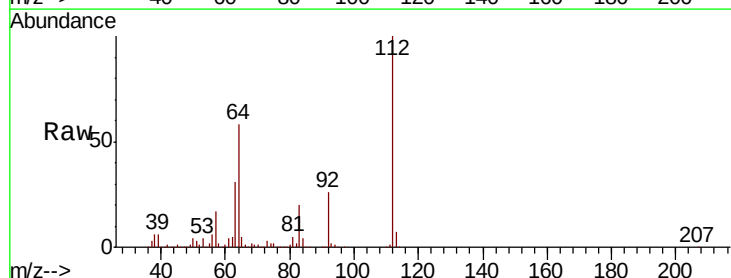
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



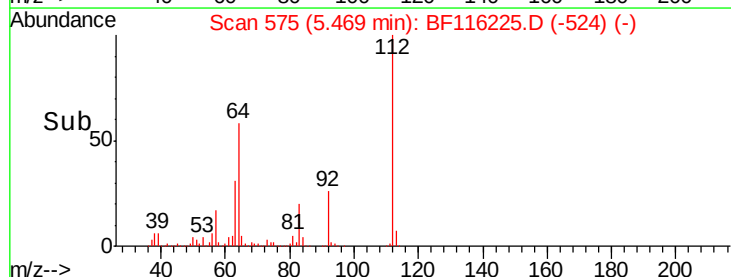
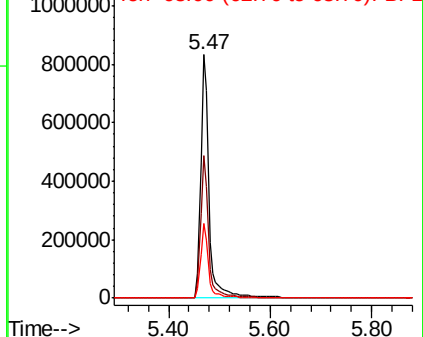
#5

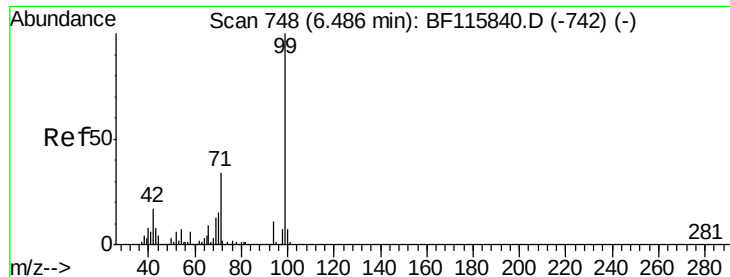
2-Fluorophenol
Concen: 121.205 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116225.D
Acq: 13 Aug 2019 12:17

Tgt Ion:112 Resp: 962160
Ion Ratio Lower Upper
112 100
64 58.5 45.4 68.2
63 30.7 23.7 35.5



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: 126.938 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB122181BL

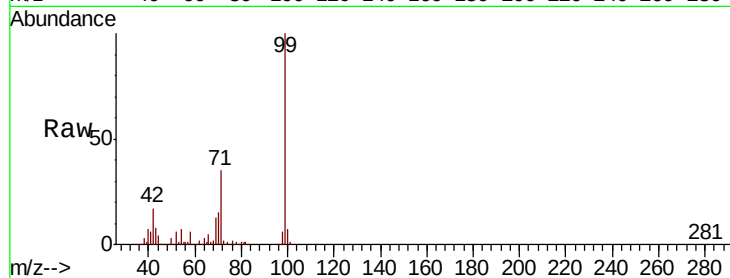
Tot Ion: 99 Resp: 1271352

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

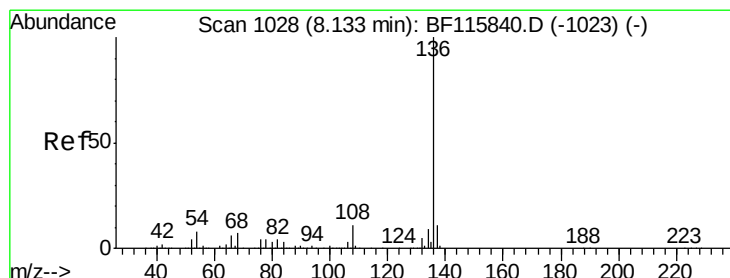
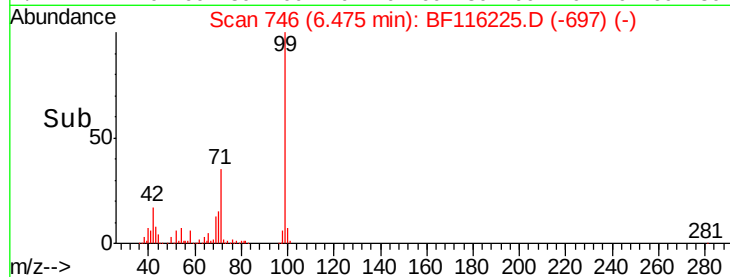
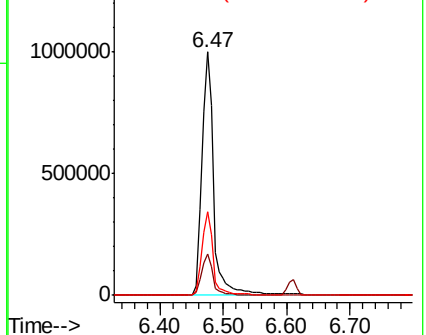
71 34.6 27.3 40.9



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# 1025

Delta R.T. -0.01 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

Tgt Ion: 136 Resp: 523908

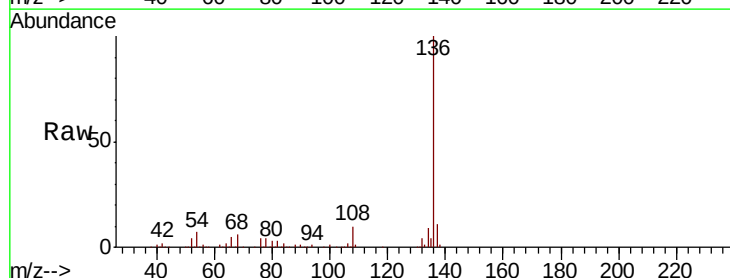
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.9 5.8 8.6

68 6.0 5.2 7.8

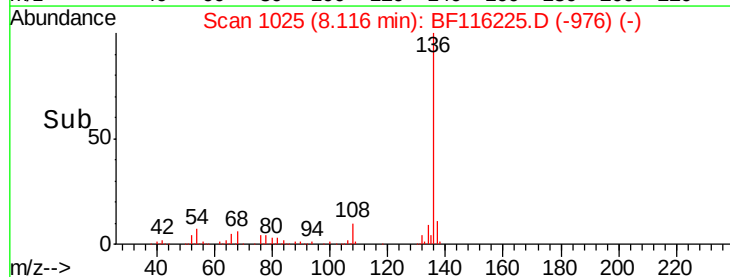
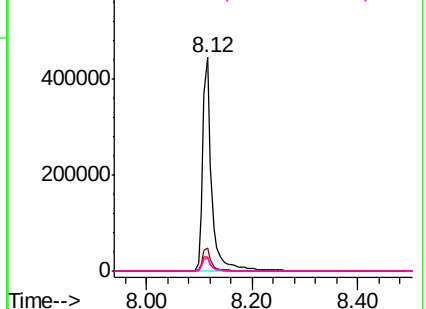


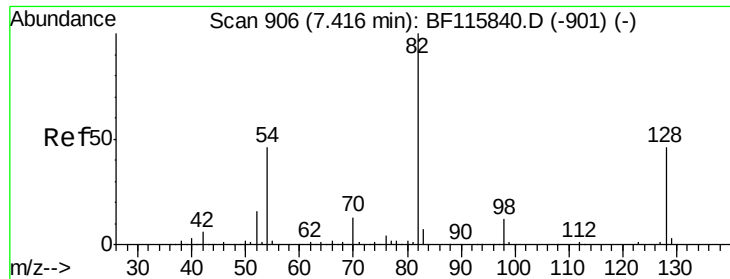
Abundance Ion 136.00 (135.70 to 136.70): E

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

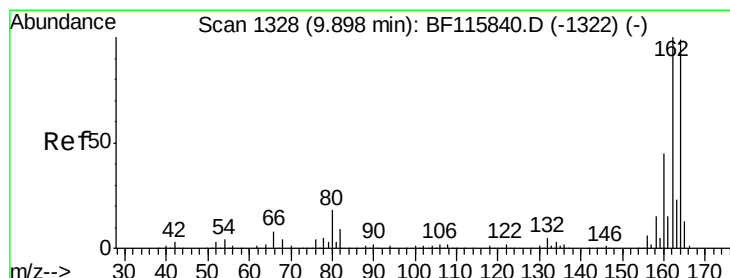
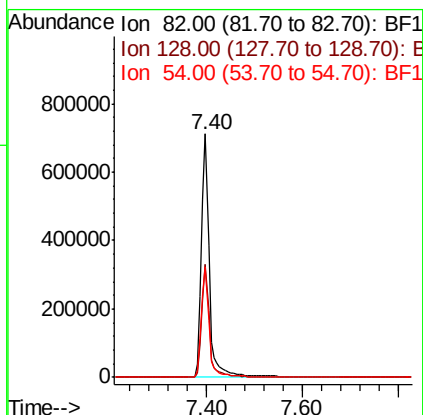
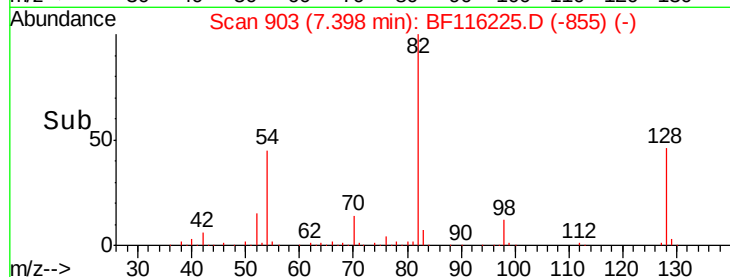
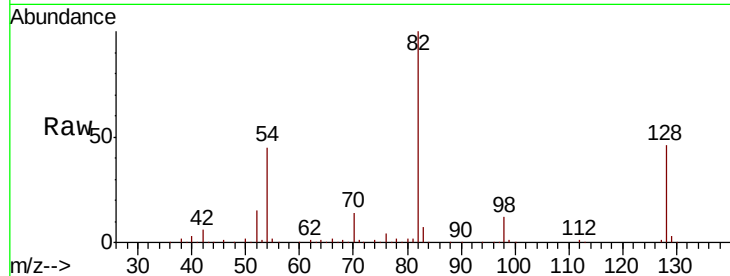




#23
 Nitrobenzene-d5
 Concen: 90.442 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116225.D
 Acq: 13 Aug 2019 12:17

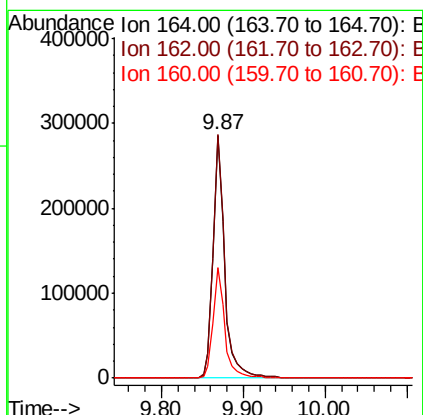
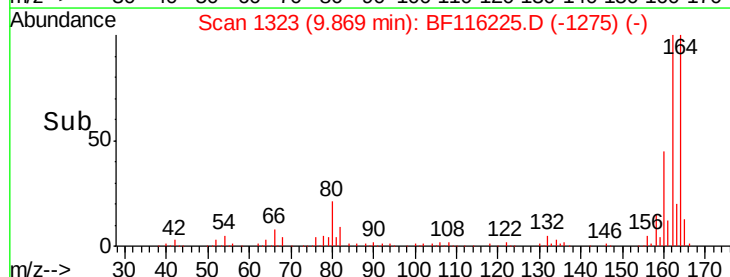
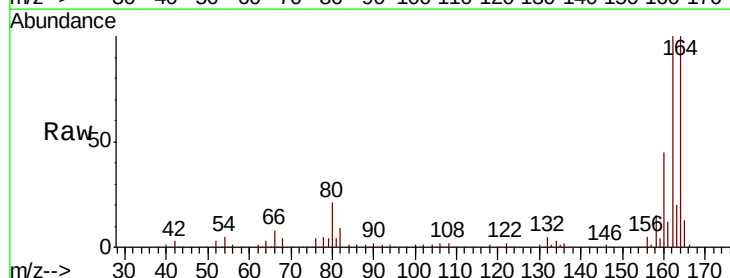
Instrument :
 BNA_F
 ClientSampleID :
 PB122181BL

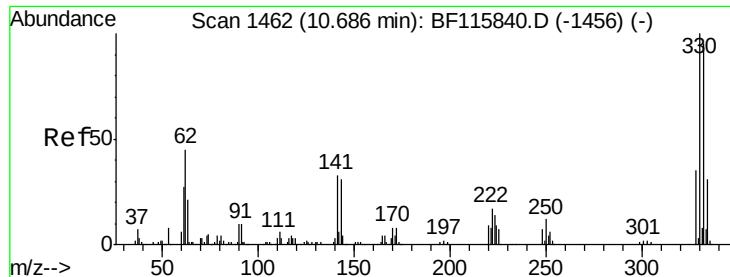
Tot Ion: 82 Resp: 820873
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.5 54.7
 54 45.3 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116225.D
 Acq: 13 Aug 2019 12:17

Tgt Ion:164 Resp: 281831
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.6 124.0
 160 45.3 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 123.627 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB122181BL

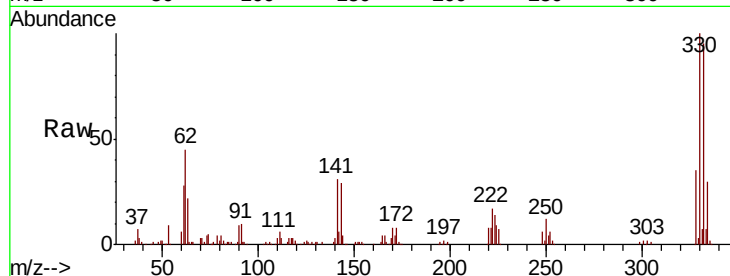
Tot Ion:330 Resp: 337801

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

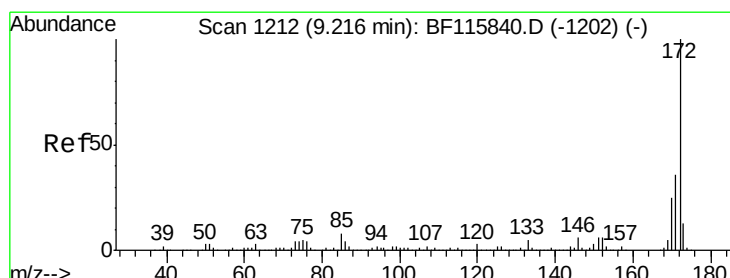
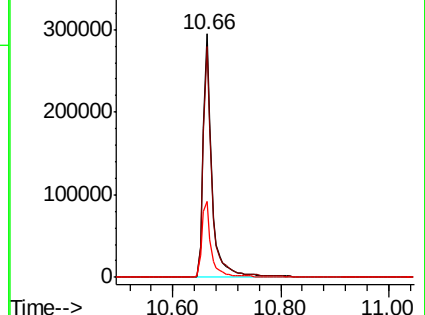
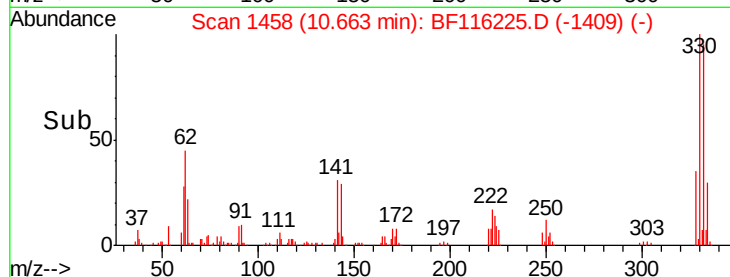
141 33.8 26.3 39.5



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: 94.591 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

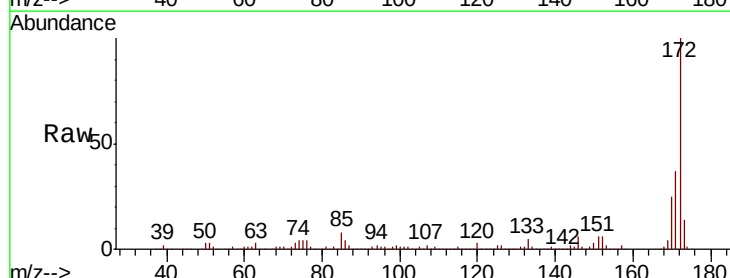
Tgt Ion:172 Resp: 1423262

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

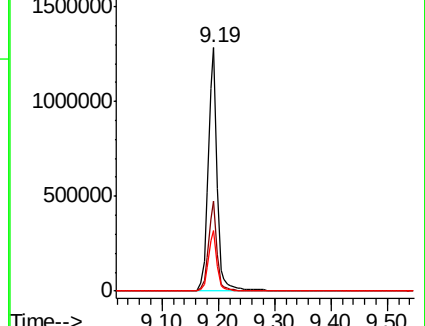
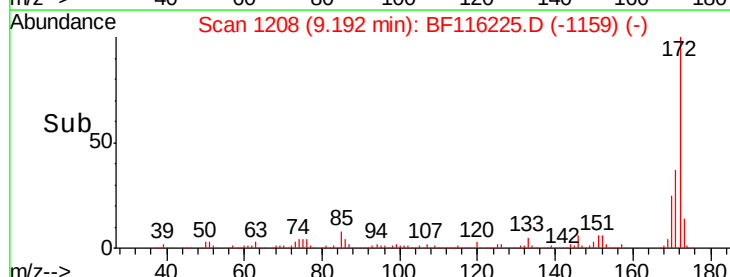
170 24.8 20.1 30.1

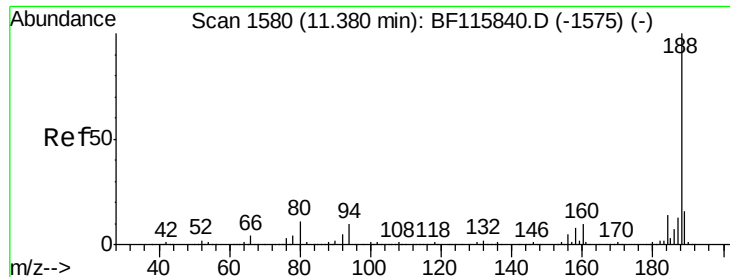


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

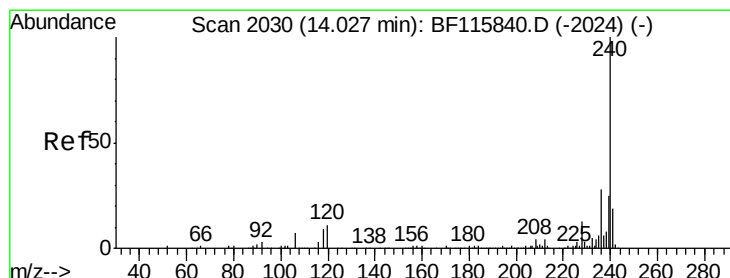
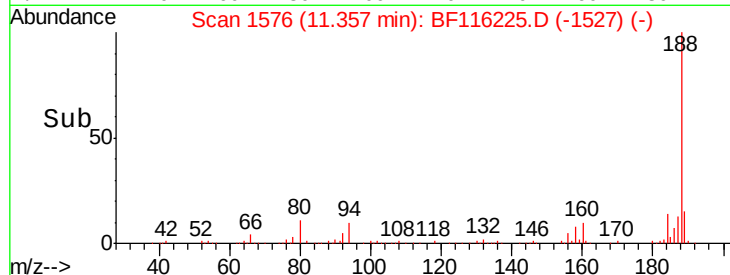
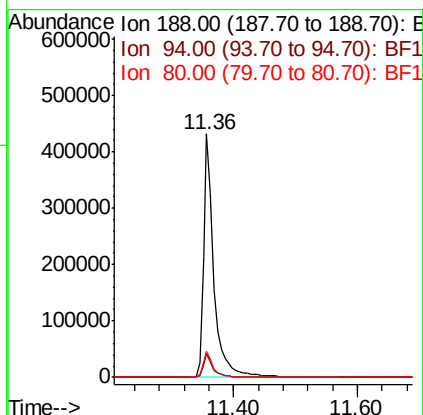
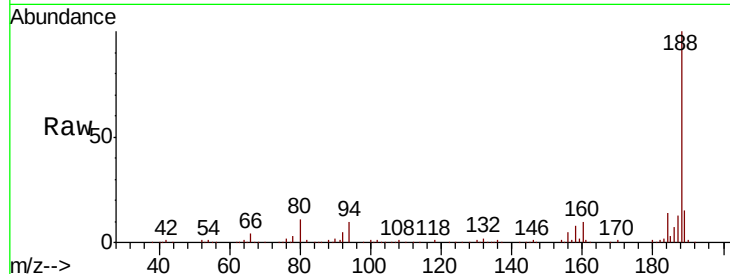




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116225.D
Acq: 13 Aug 2019 12:17

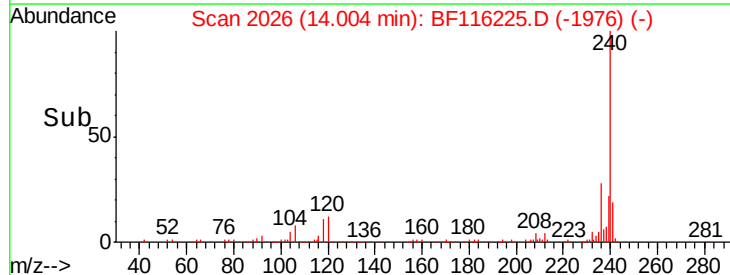
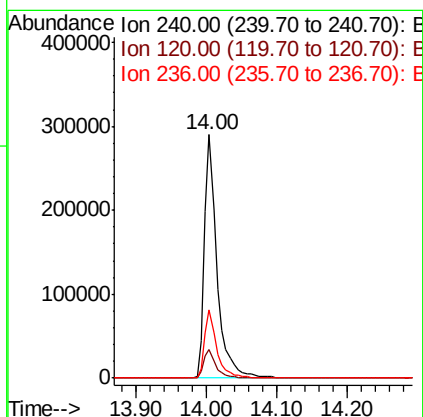
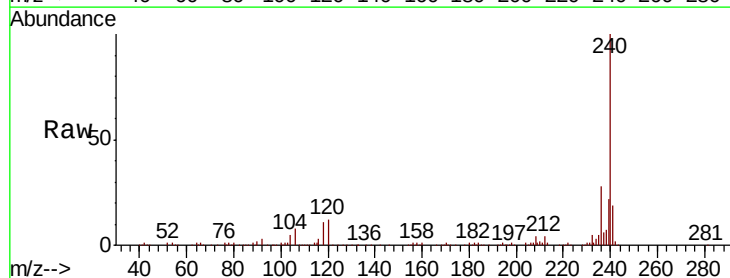
Instrument :
BNA_F
ClientSampleId :
PB122181BL

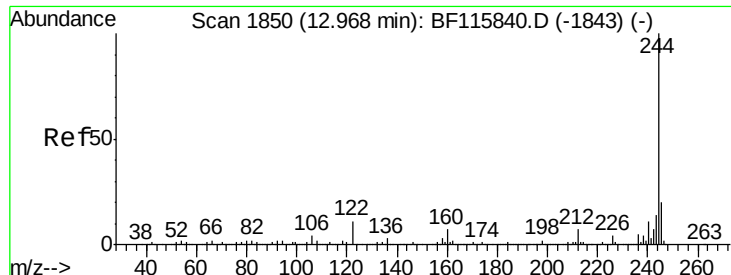
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.7	8.7	13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116225.D
Acq: 13 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.7	16.1
236	27.8	22.2	33.2





#79

Terphenyl-d14

Concen: 92.182 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB122181BL

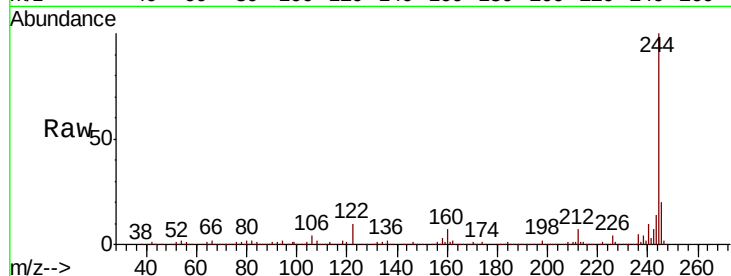
Tot Ion:244 Resp: 1572442

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

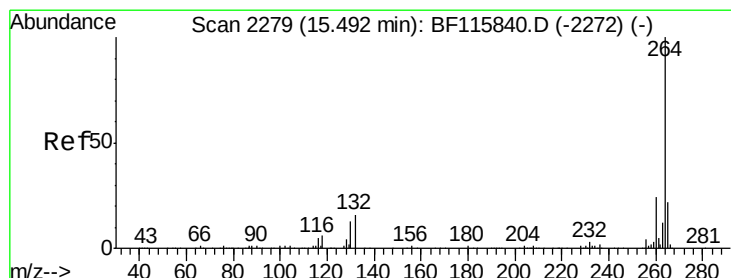
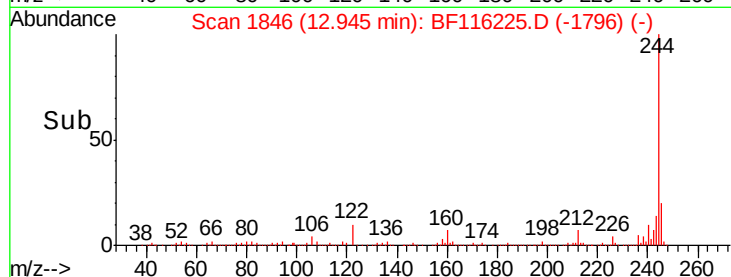
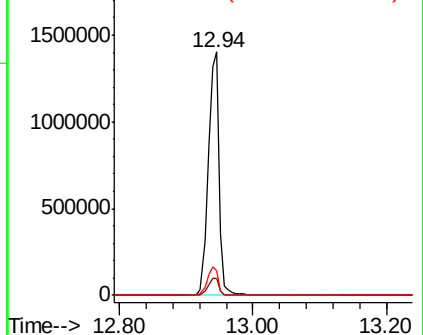
122 10.4 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

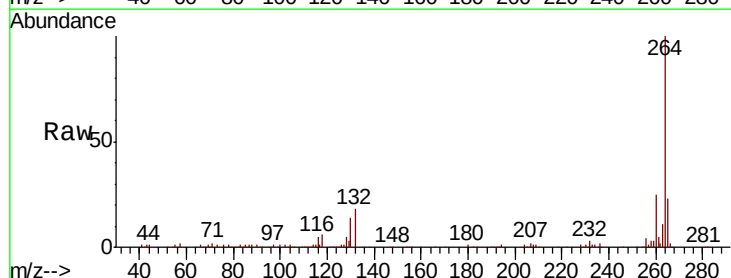
Tgt Ion:264 Resp: 338548

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 22.7 17.4 26.0



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

