

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116431.D
 Acq On : 20 Aug 2019 13:32
 Operator : HP/JU
 Sample : PB122210BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BL

Quant Time: Aug 20 15:35:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133817	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	513894	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	267510	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	475713	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	333886	20.00	ng	-0.02
87) Perylene-d12	15.42	264	305534	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	756334	94.62	ng	0.00
7) Phenol-d6	6.45	99	940268	93.23	ng	-0.01
23) Nitrobenzene-d5	7.37	82	859647	96.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	239411	92.31	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1415493	99.11	ng	-0.01
79) Terphenyl-d14	12.90	244	1461985	92.27	ng	-0.01

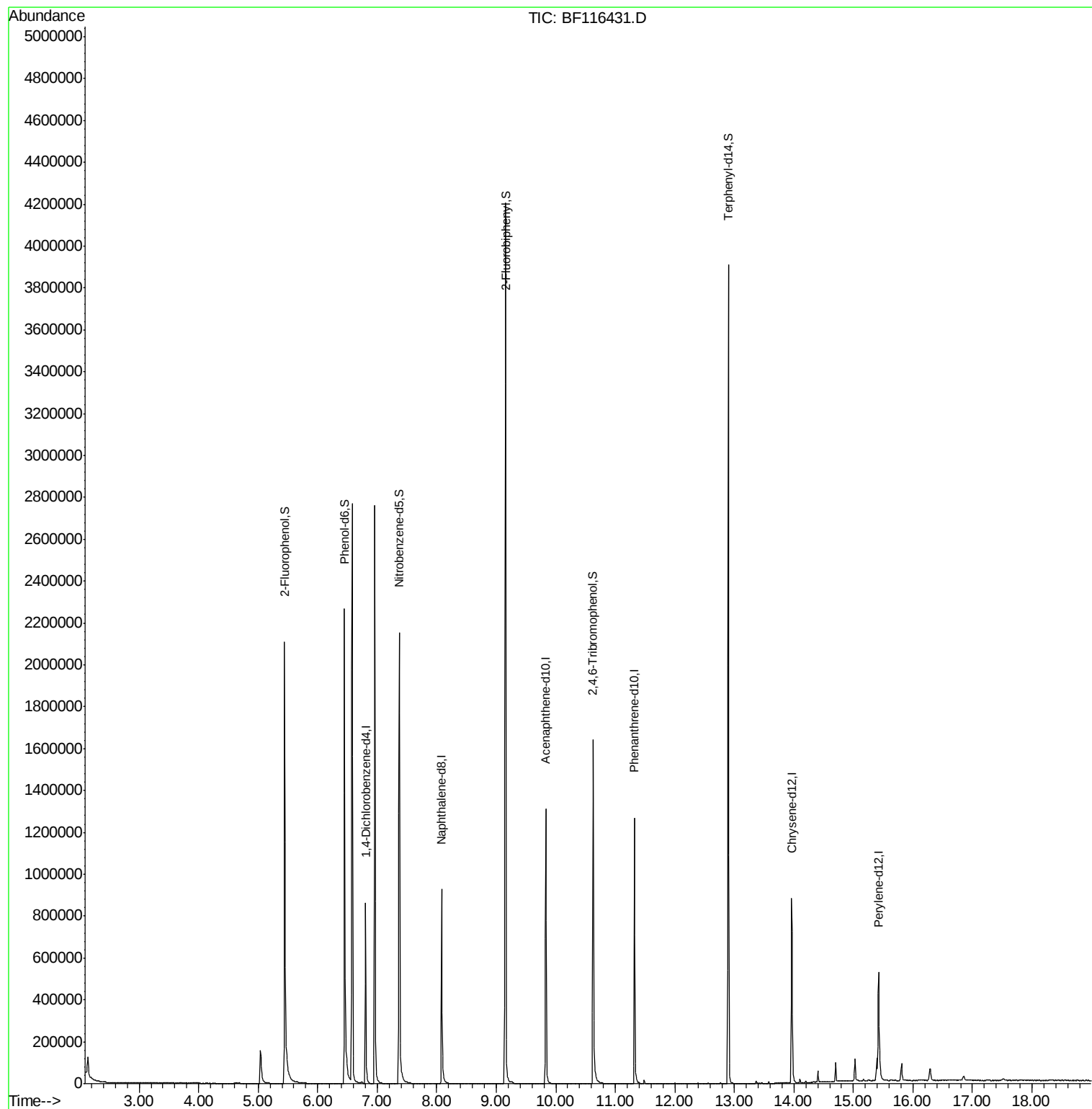
Target Compounds	Qvalue
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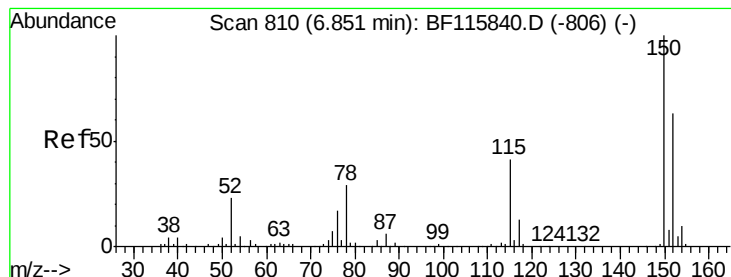
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122210BL

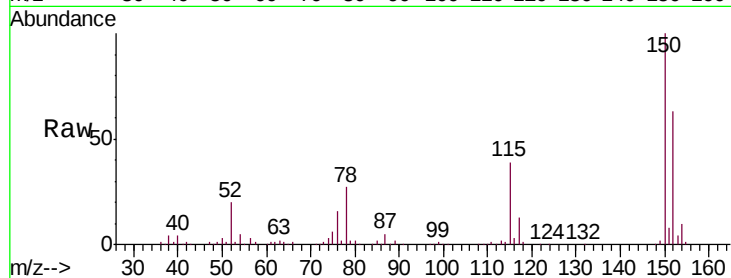
Tgt Ion:152 Resp: 133817

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

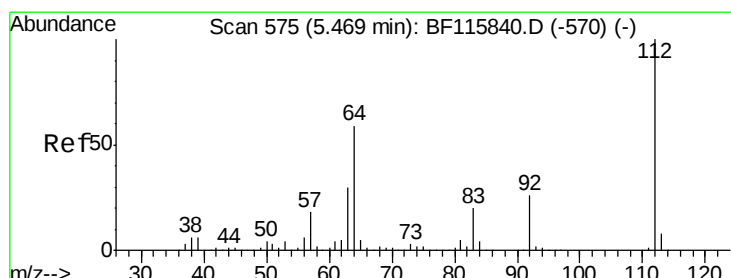
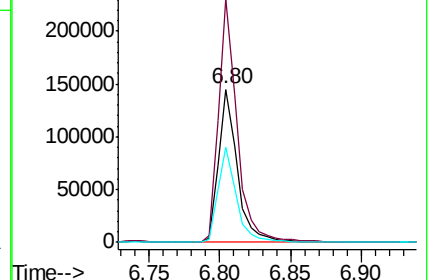
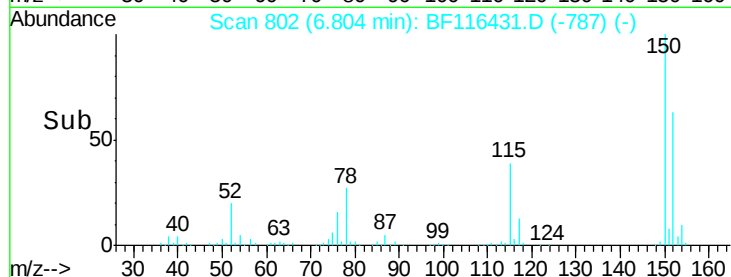
115 62.0 49.9 74.9



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: 94.618 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

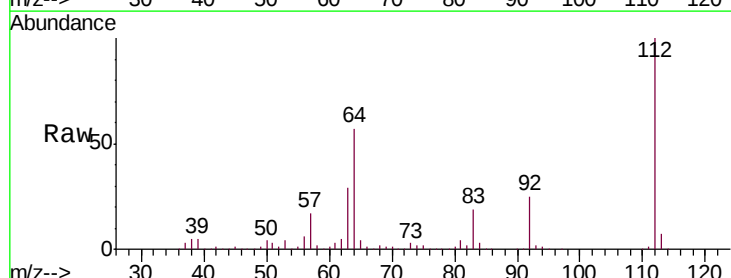
Tgt Ion:112 Resp: 756334

Ion Ratio Lower Upper

112 100

64 57.3 45.4 68.2

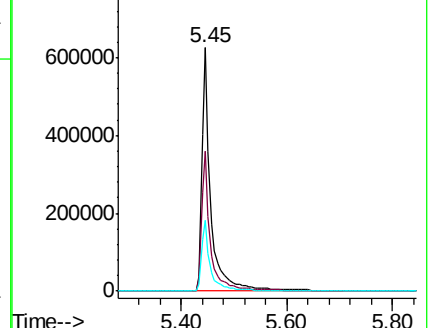
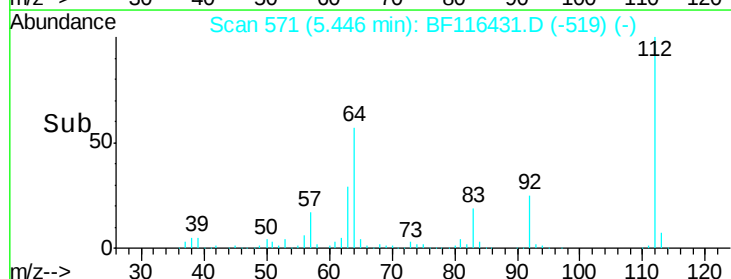
63 29.3 23.7 35.5



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: 93.232 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

Instrument :

BNA_F

ClientSampled :

PB122210BL

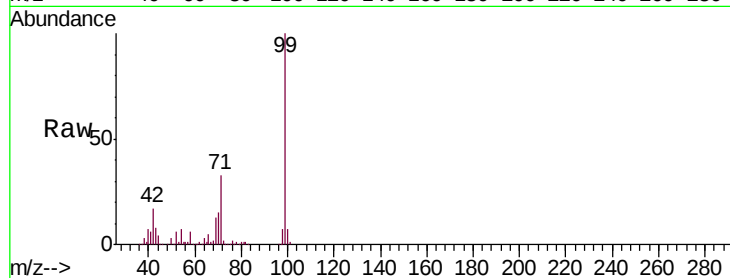
Tgt Ion: 99 Resp: 940268

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

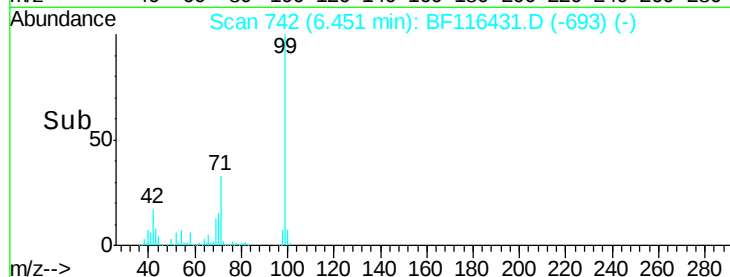
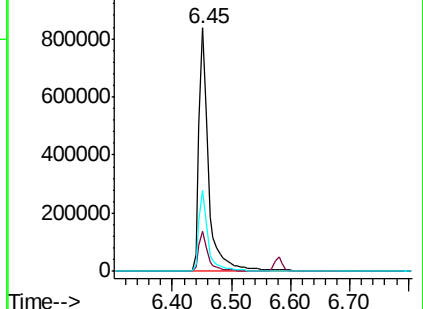
71 33.4 27.3 40.9



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: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

Tgt Ion: 136 Resp: 513894

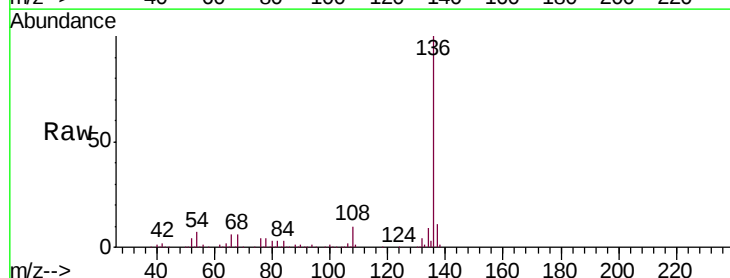
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.3 5.8 8.6

68 6.4 5.2 7.8

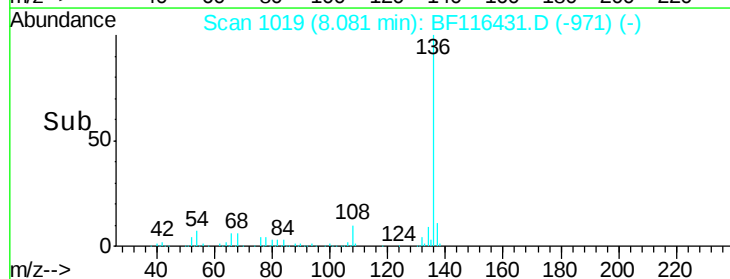
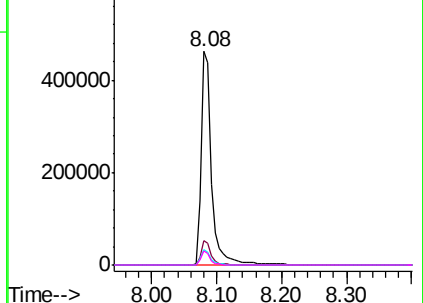


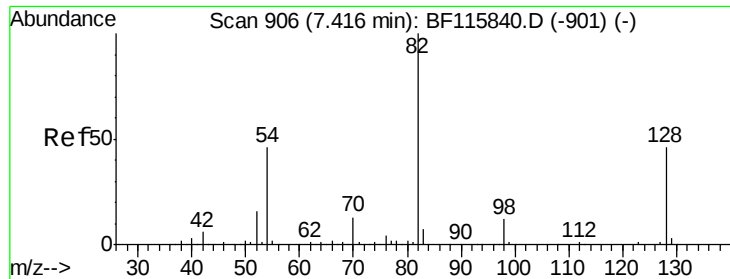
Abundance Ion 136.00 (135.70 to 136.70): E

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

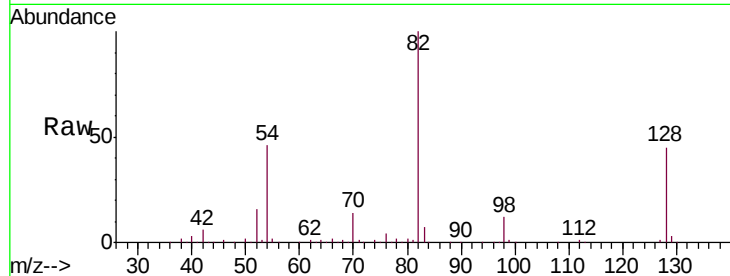




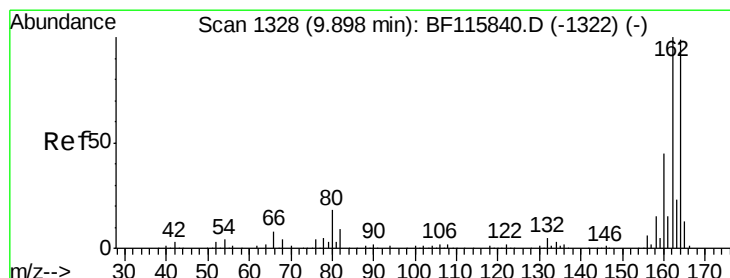
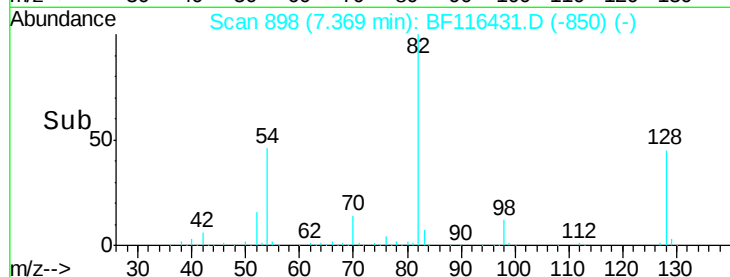
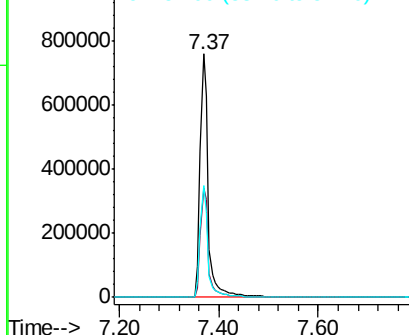
#23
 Nitrobenzene-d5
 Concen: 96.560 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116431.D
 Acq: 20 Aug 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BL

Tgt Ion: 82 Resp: 859647
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.5 54.7
 54 46.0 36.0 54.0

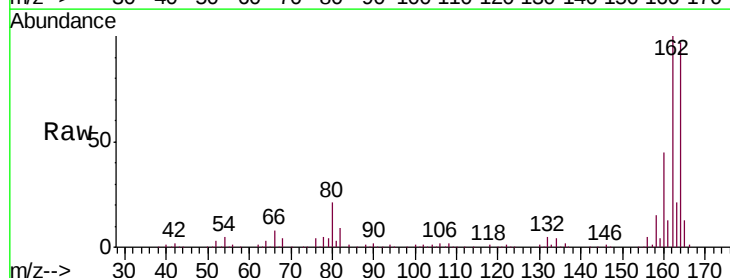


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

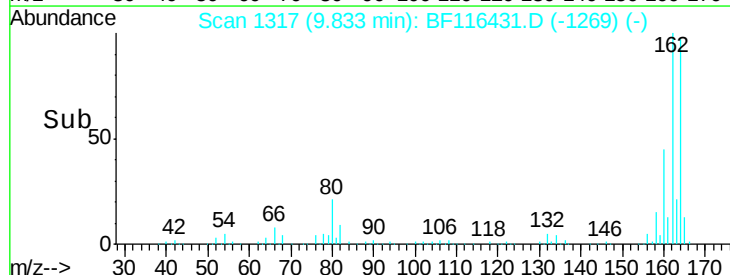
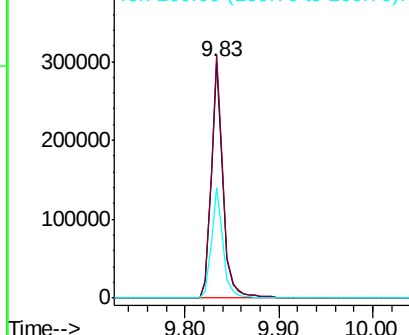


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116431.D
 Acq: 20 Aug 2019 13:32

Tgt Ion: 164 Resp: 267510
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 124.0
 160 46.9 37.6 56.4



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

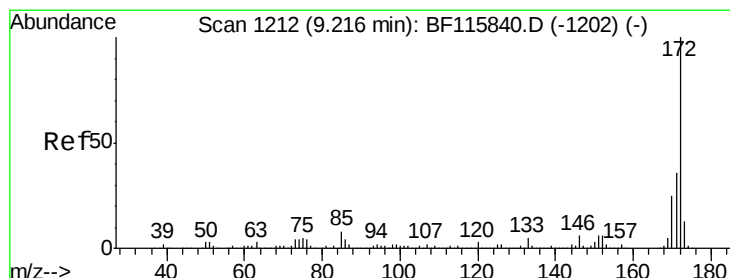
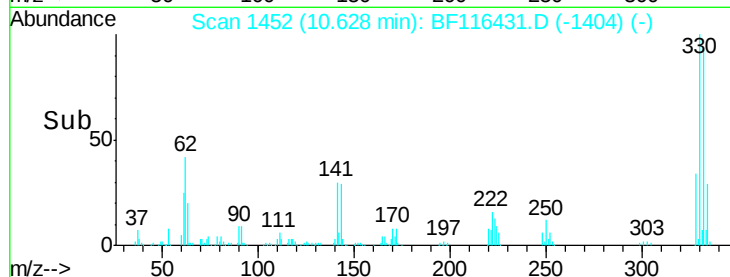
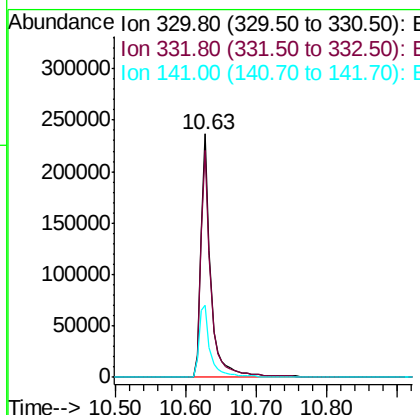
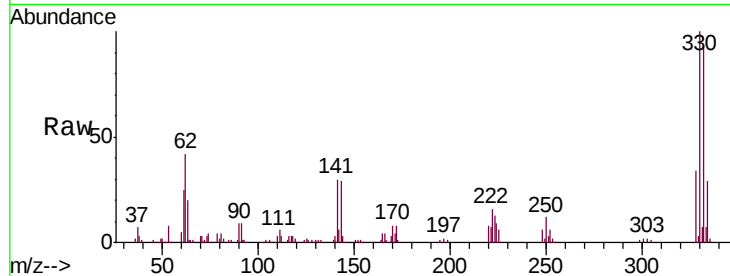




#42
 2,4,6-Tribromophenol
 Concen: 92.309 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116431.D
 Acq: 20 Aug 2019 13:32

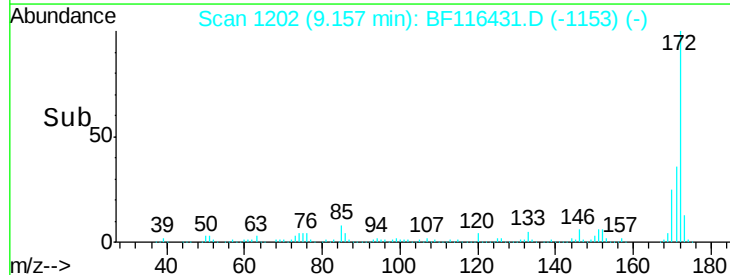
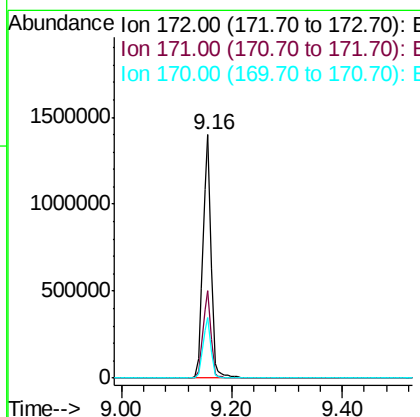
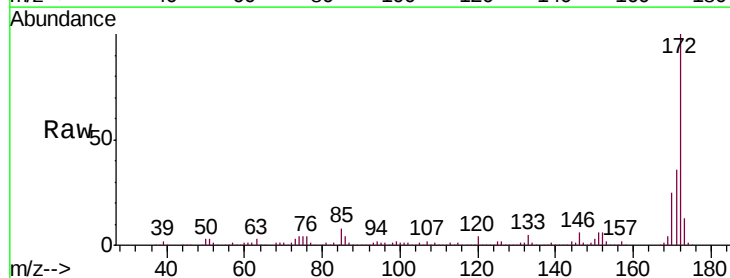
Instrument :
 BNA_F
 ClientSampleId :
 PB122210BL

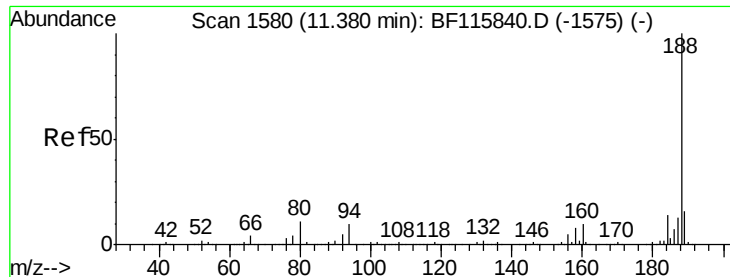
Tgt Ion: 330 Resp: 239411
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 33.9 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 99.111 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116431.D
 Acq: 20 Aug 2019 13:32

Tgt Ion: 172 Resp: 1415493
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.8 20.1 30.1

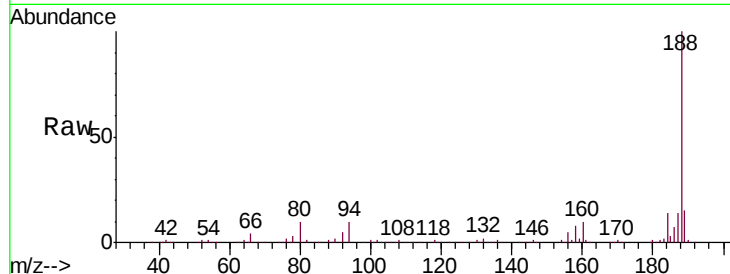




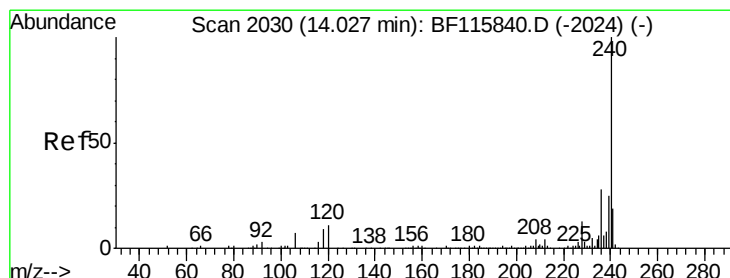
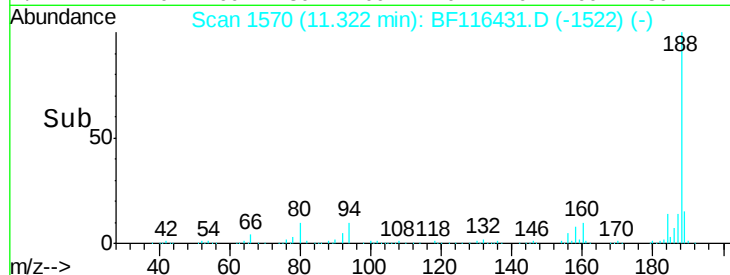
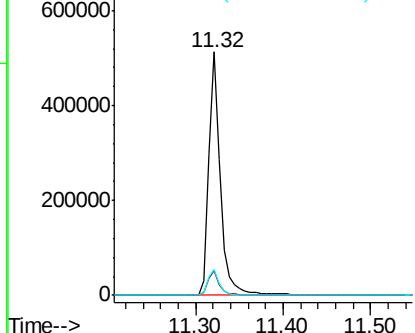
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116431.D
Acq: 20 Aug 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB122210BL

Tgt Ion:188 Resp: 475713
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 10.5 8.7 13.1

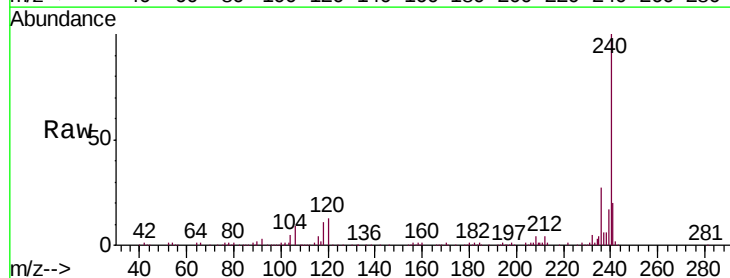


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

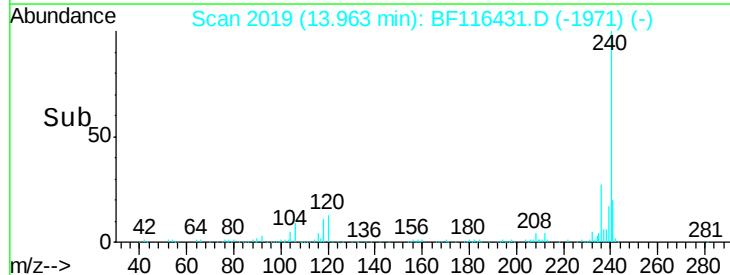
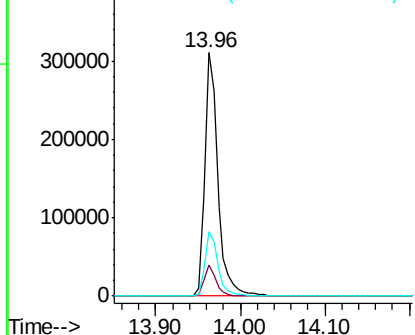


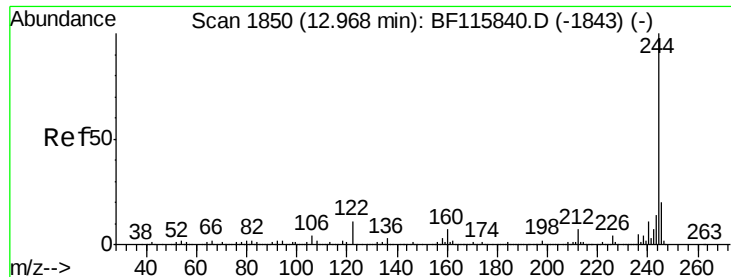
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116431.D
Acq: 20 Aug 2019 13:32

Tgt Ion:240 Resp: 333886
Ion Ratio Lower Upper
240 100
120 12.5 10.7 16.1
236 26.6 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: 92.266 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122210BL

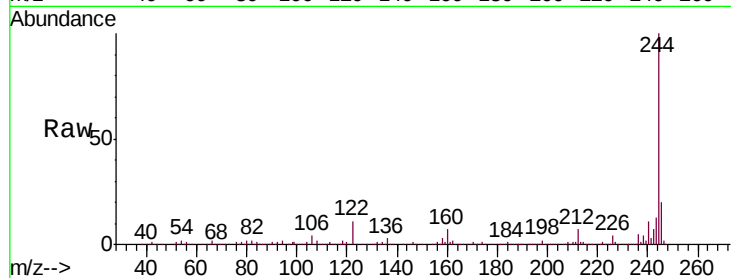
Tgt Ion:244 Resp: 1461985

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

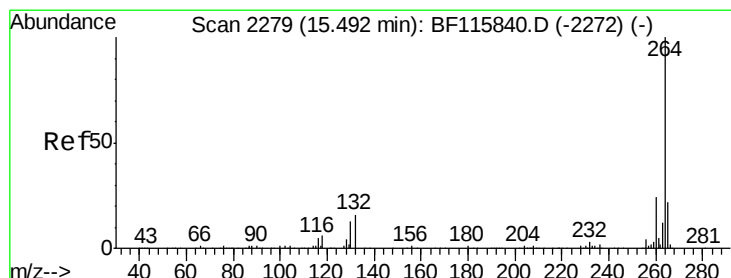
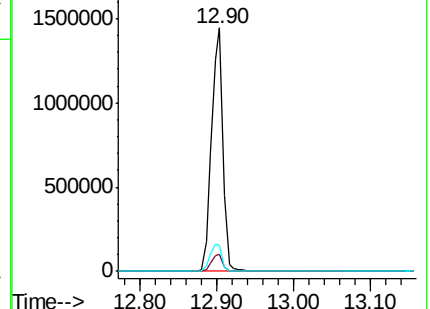
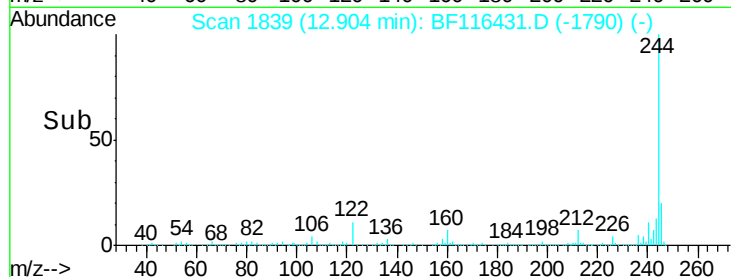
122 10.7 9.0 13.4



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: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

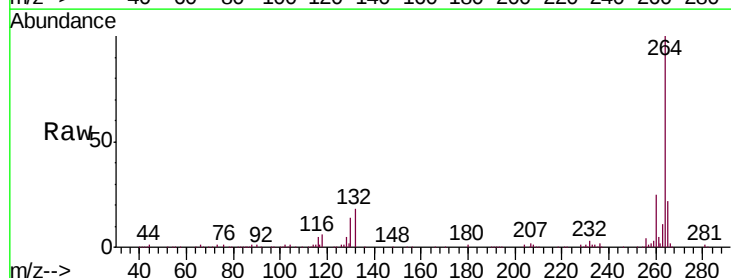
Tgt Ion:264 Resp: 305534

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 22.0 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

