

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116422.D
 Acq On : 20 Aug 2019 9:29
 Operator : HP/JU
 Sample : PB122344TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122344TB

Quant Time: Aug 20 15:16:35 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	128069	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	486786	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	257506	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	462078	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	326844	20.00	ng	-0.02
87) Perylene-d12	15.42	264	304379	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	920255	120.29	ng	0.00
7) Phenol-d6	6.46	99	1184022	122.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	758351	89.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	305186	122.24	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1304830	94.91	ng	-0.01
79) Terphenyl-d14	12.90	244	1446999	93.29	ng	-0.01

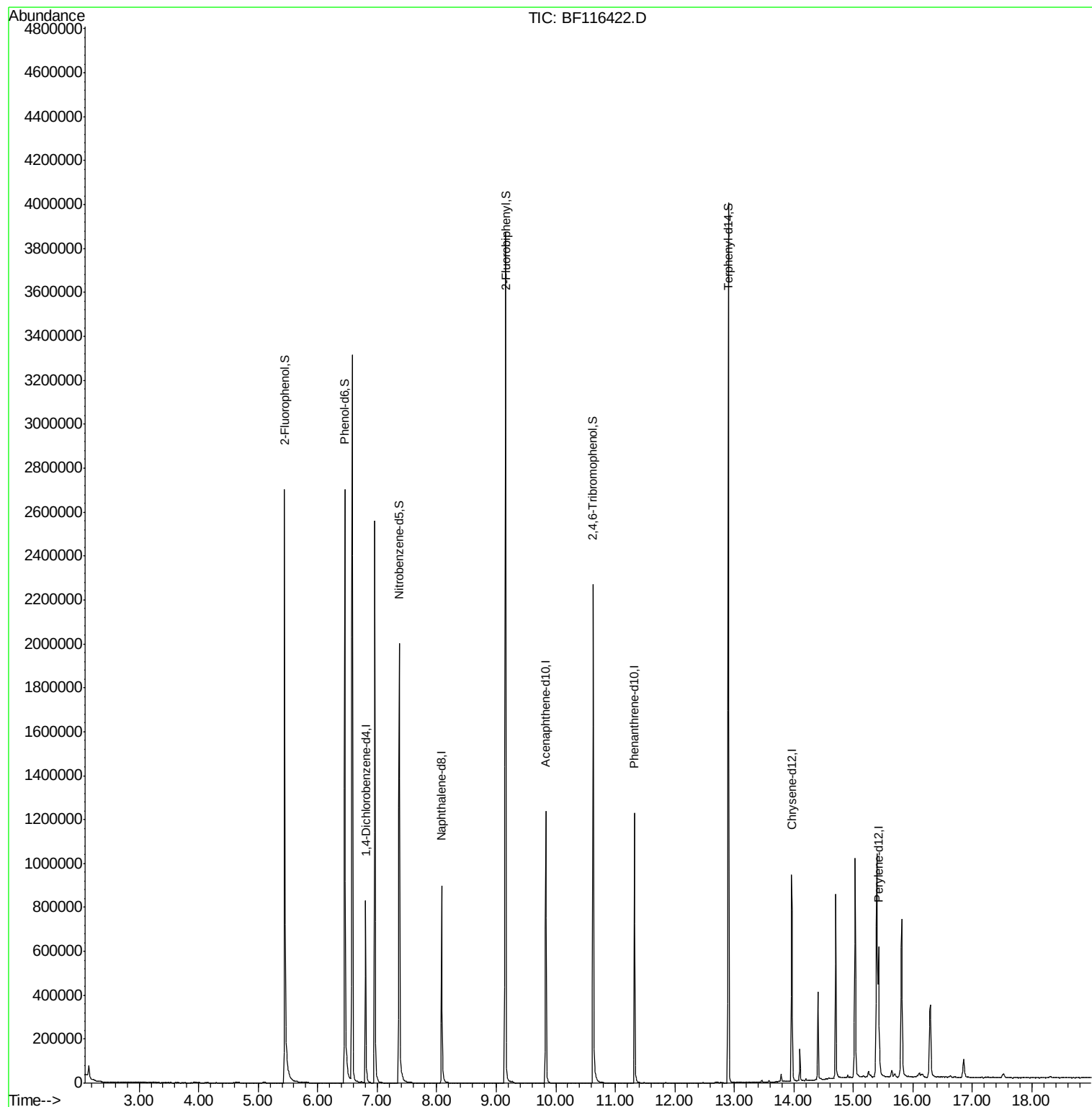
Target Compounds	Qvalue
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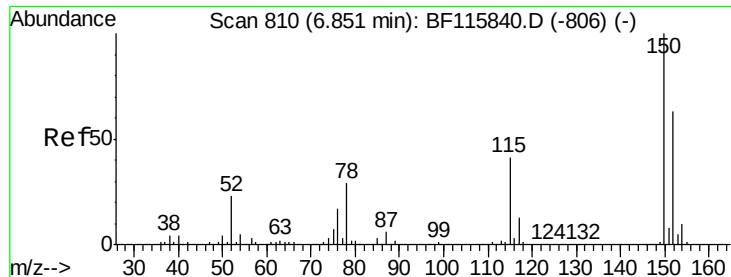
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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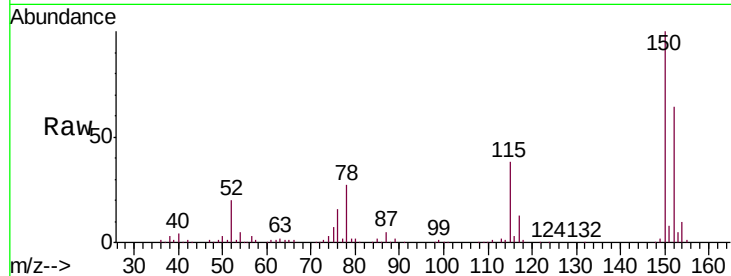




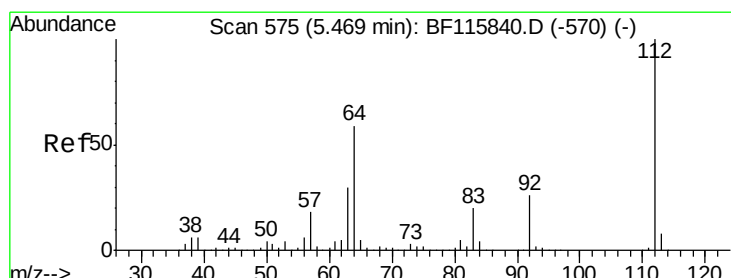
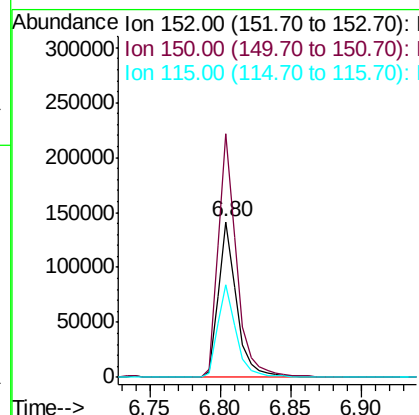
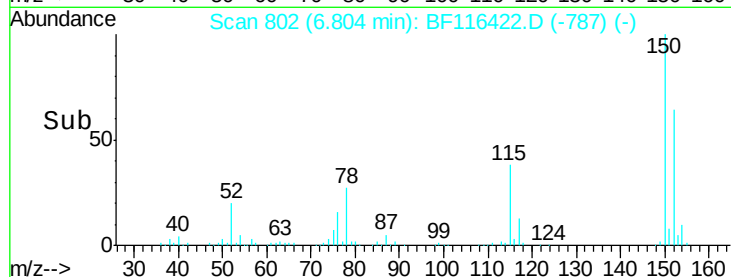
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB122344TB

Tgt Ion:152 Resp: 128069
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.2 189.2
 115 59.5 49.9 74.9

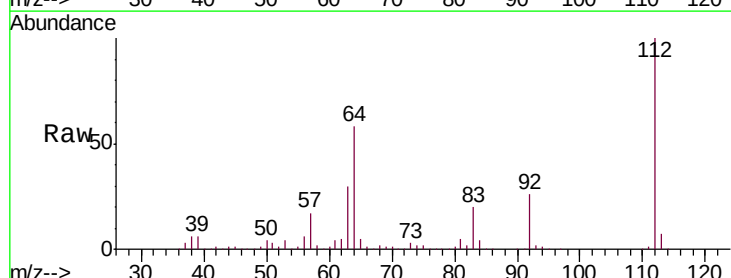


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

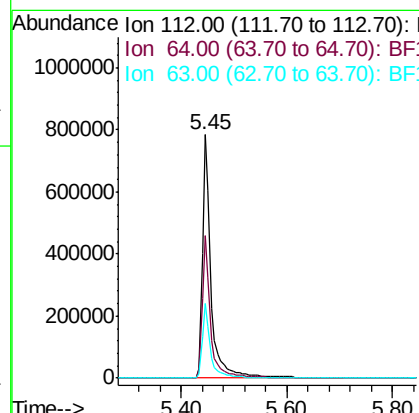
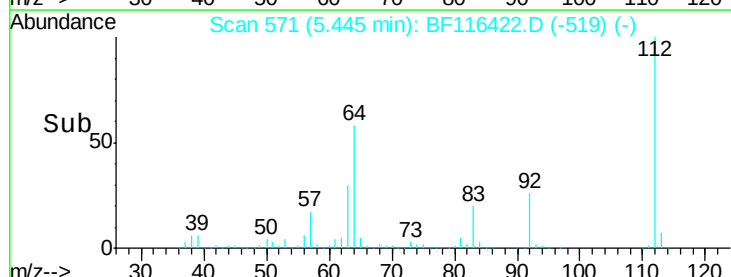


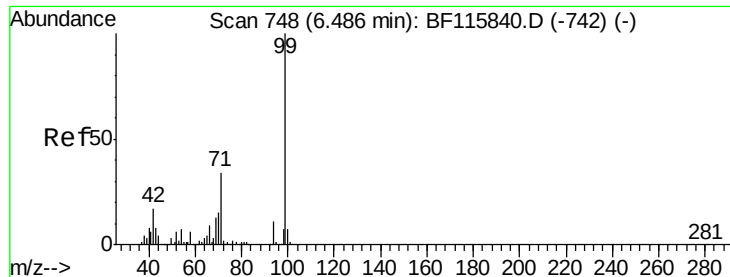
#5
 2-Fluorophenol
 Concen: 120.292 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

Tgt Ion:112 Resp: 920255
 Ion Ratio Lower Upper
 112 100
 64 58.3 45.4 68.2
 63 30.5 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: 122.670 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116422.D

Acq: 20 Aug 2019 9:29

Instrument :

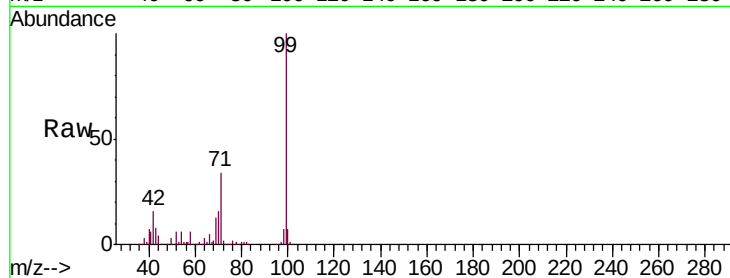
BNA_F

ClientSampleId :

PB122344TB

Tgt Ion: 99 Resp: 1184022

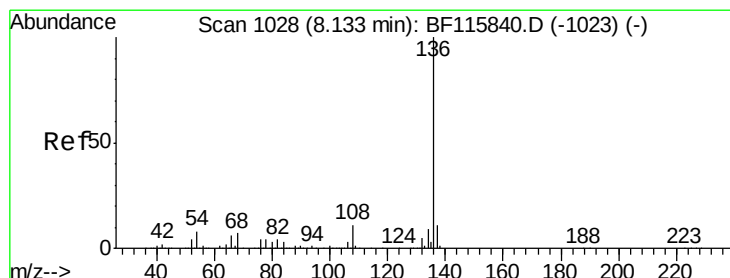
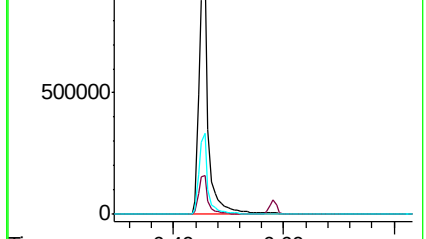
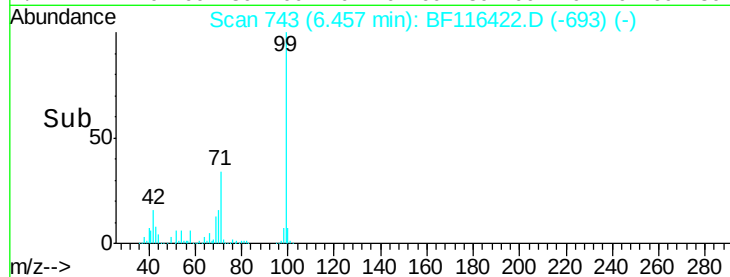
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.8	20.8
71	33.5	27.3	40.9



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

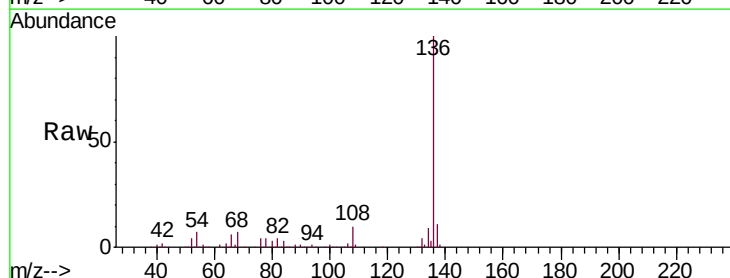
Delta R.T. -0.02 min

Lab File: BF116422.D

Acq: 20 Aug 2019 9:29

Tgt Ion: 136 Resp: 486786

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.5	5.8	8.6
68	6.7	5.2	7.8

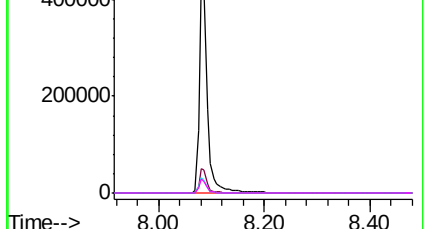
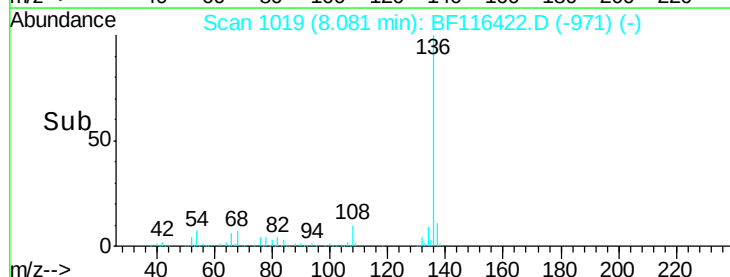


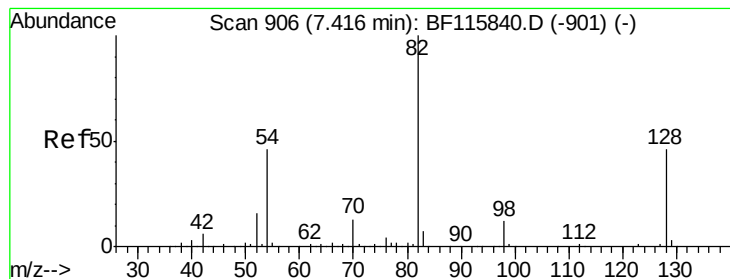
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.925 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF116422.D

Acq: 20 Aug 2019 9:29

Instrument :

BNA_F

ClientSampleId :

PB122344TB

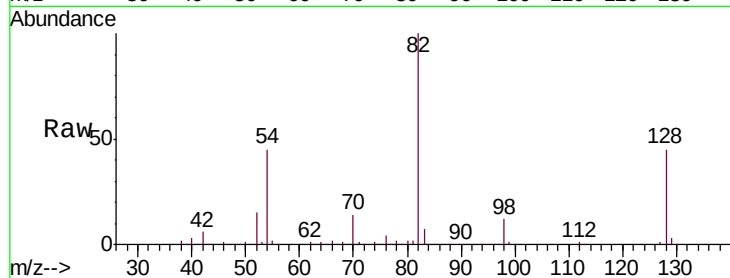
Tgt Ion: 82 Resp: 758351

Ion Ratio Lower Upper

82 100

128 44.6 36.5 54.7

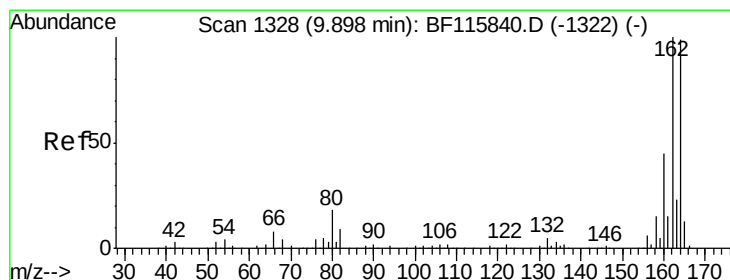
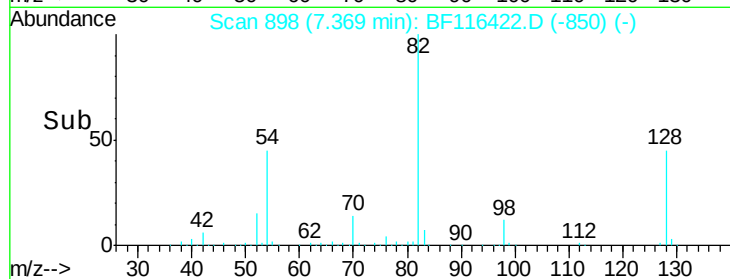
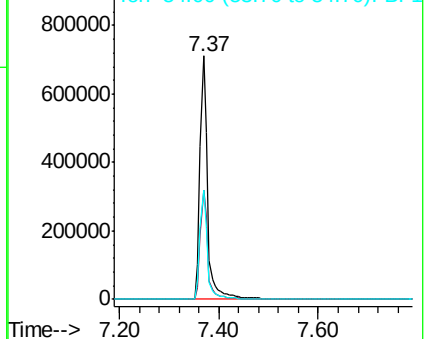
54 44.9 36.0 54.0



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: BF116422.D

Acq: 20 Aug 2019 9:29

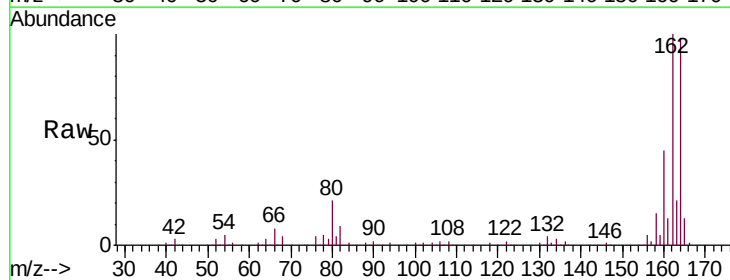
Tgt Ion: 164 Resp: 257506

Ion Ratio Lower Upper

164 100

162 102.3 82.6 124.0

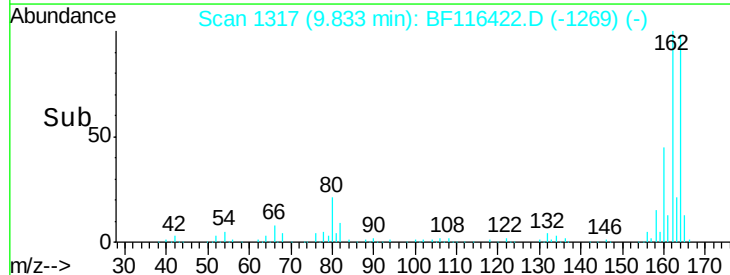
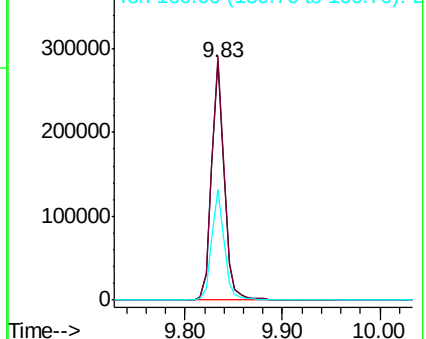
160 46.2 37.6 56.4

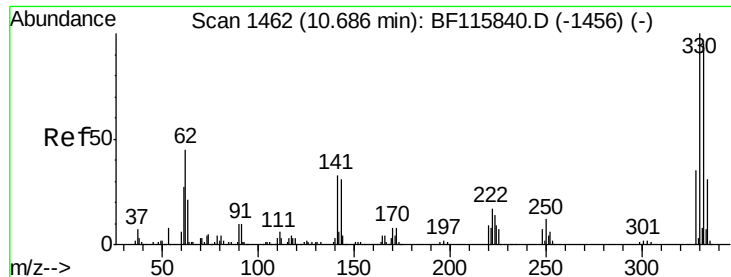


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

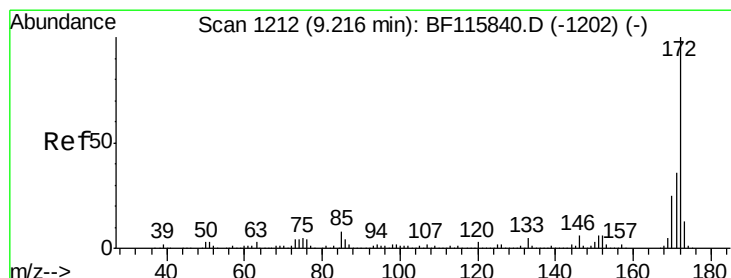
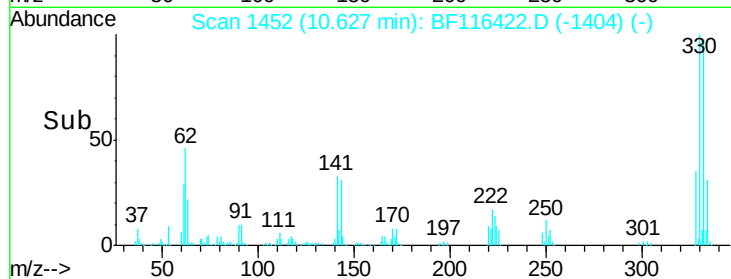
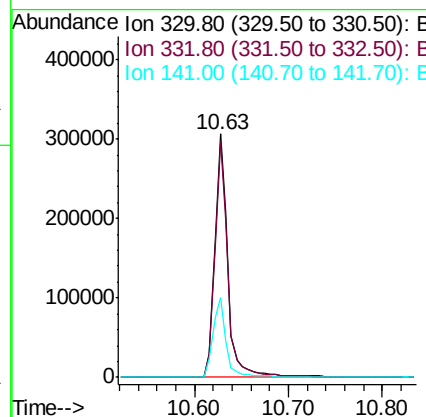
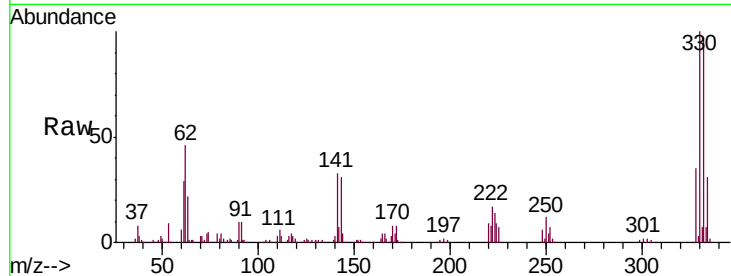




#42
 2,4,6-Tribromophenol
 Concen: 122.241 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

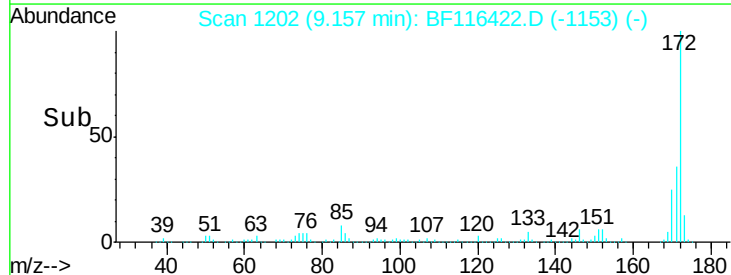
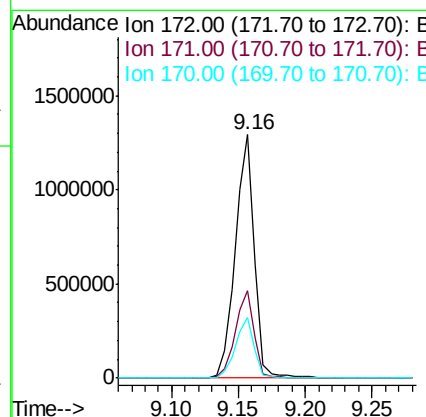
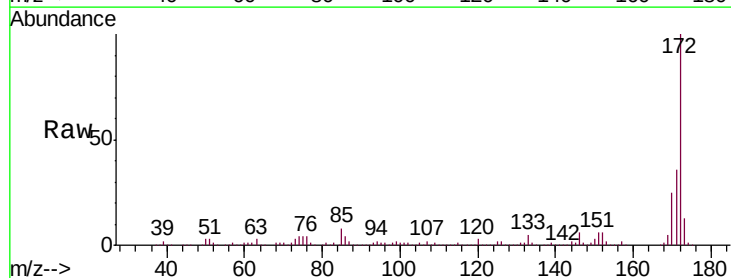
Instrument :
 BNA_F
 ClientSampleId :
 PB122344TB

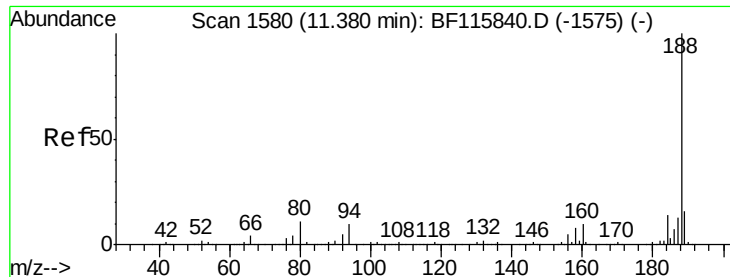
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	33.4	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 94.912 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.9	20.1	30.1

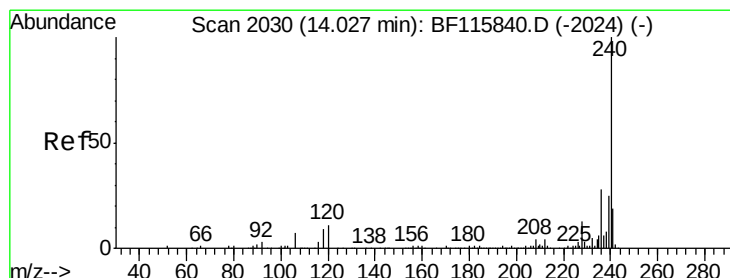
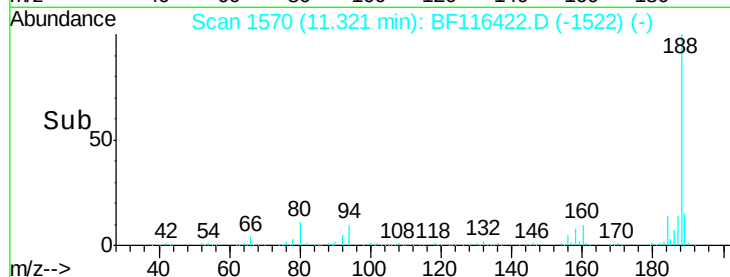
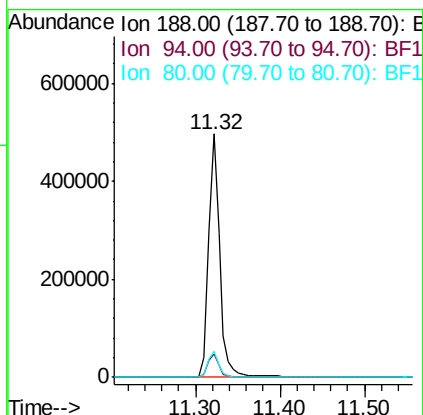
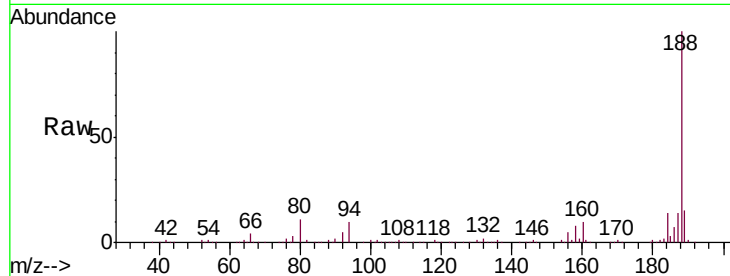




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116422.D
Acq: 20 Aug 2019 9:29

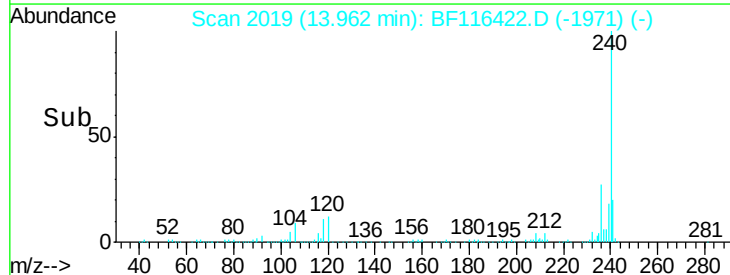
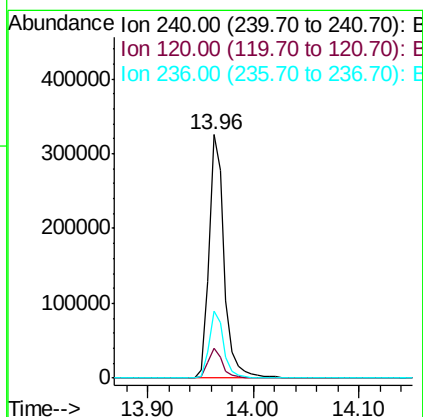
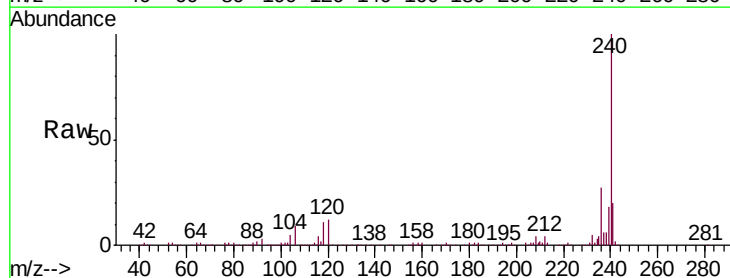
Instrument :
BNA_F
ClientSampleId :
PB122344TB

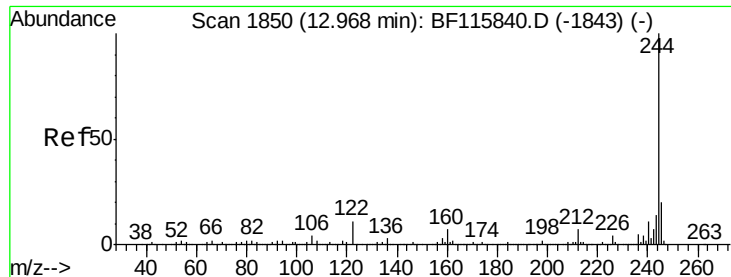
Tgt Ion:188 Resp: 462078
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.7 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116422.D
Acq: 20 Aug 2019 9:29

Tgt Ion:240 Resp: 326844
Ion Ratio Lower Upper
240 100
120 12.4 10.7 16.1
236 27.4 22.2 33.2





#79

Terphenyl-d14

Concen: 93.288 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116422.D

Acq: 20 Aug 2019 9:29

Instrument :

BNA_F

ClientSampleId :

PB122344TB

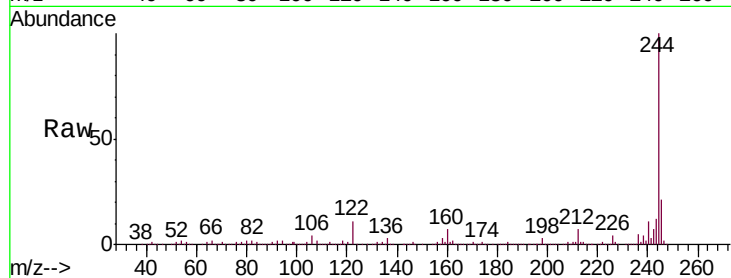
Tgt Ion:244 Resp: 1446999

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

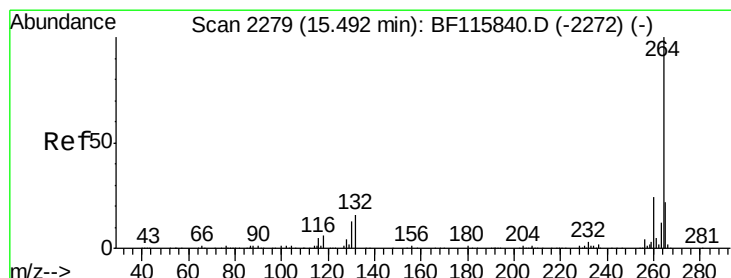
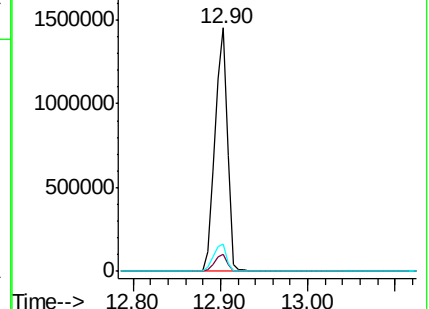
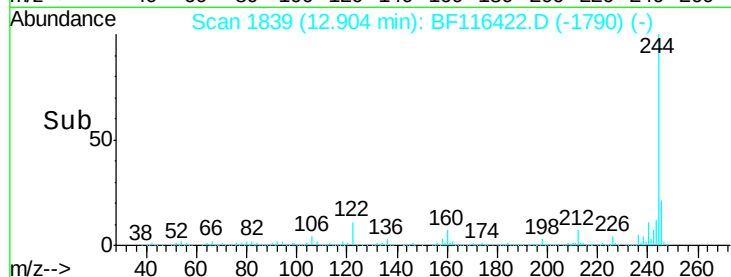
122 11.3 9.0 13.4



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: BF116422.D

Acq: 20 Aug 2019 9:29

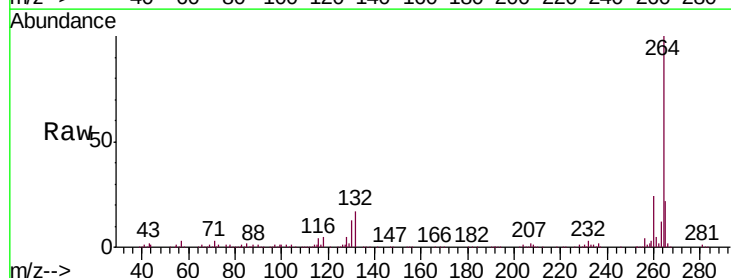
Tgt Ion:264 Resp: 304379

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.9 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

