

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116442.D
 Acq On : 20 Aug 2019 20:53
 Operator : HP/JU
 Sample : K4387-26
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T6-D-(0-2)

Quant Time: Aug 21 02:06:28 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	93725	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	369245	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	200499	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	383180	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	333884	20.00	ng	-0.02
87) Perylene-d12	15.42	264	335270	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	692935	123.77	ng	0.00
7) Phenol-d6	6.45	99	828207	117.25	ng	-0.01
23) Nitrobenzene-d5	7.37	82	644778	100.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	295140	151.83	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1092069	102.02	ng	-0.01
79) Terphenyl-d14	12.90	244	1490914	94.09	ng	-0.01

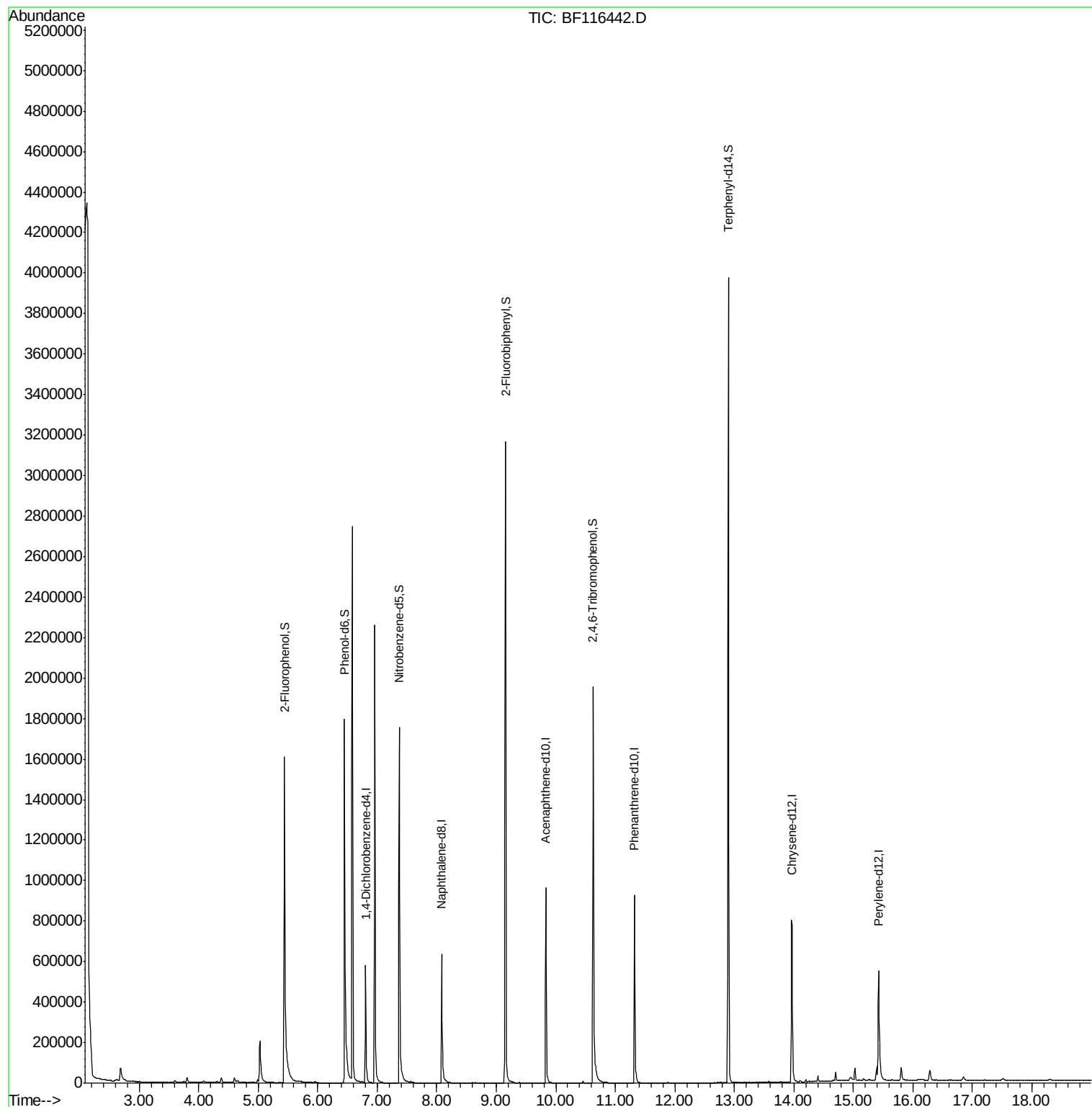
Target Compounds Qvalue

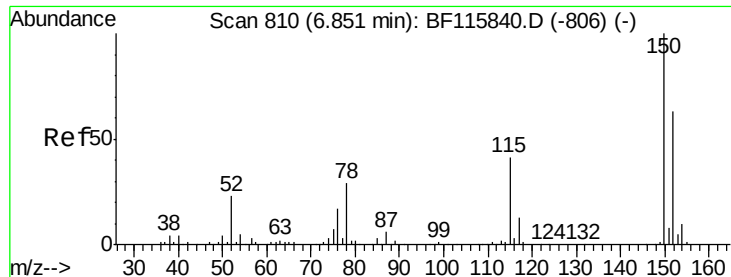
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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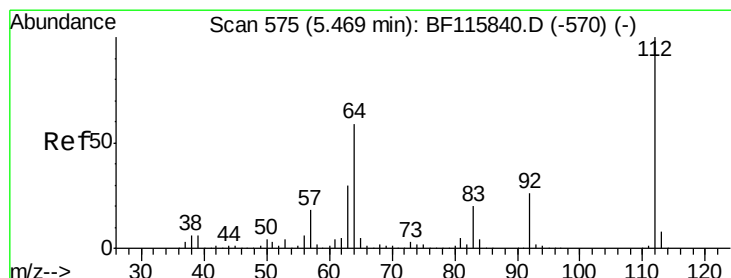
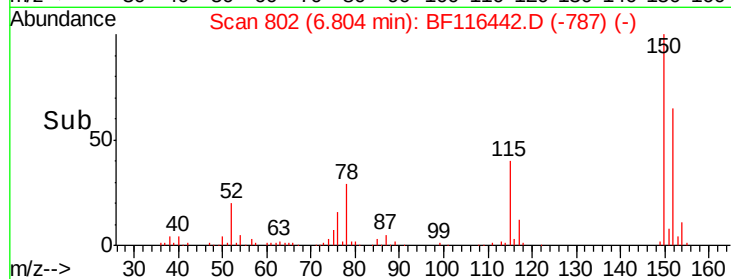
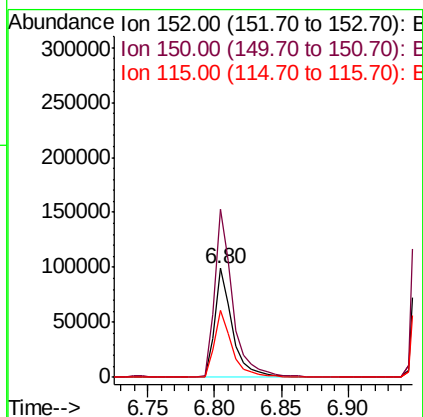
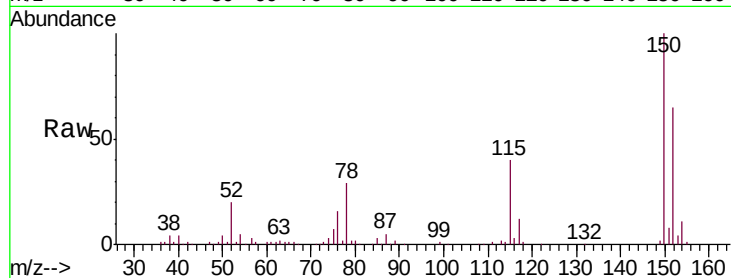


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116442.D
Acq: 20 Aug 2019 20:53

Instrument :
BNA_F
ClientSampleId :
T6-D-(0-2)

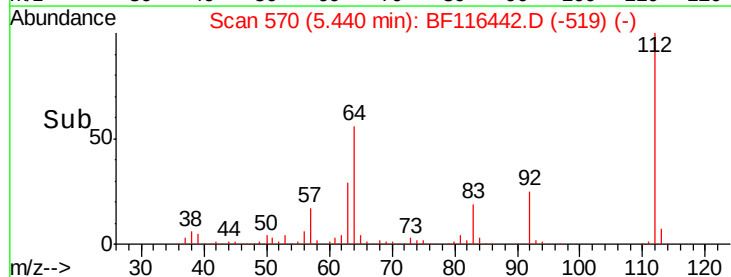
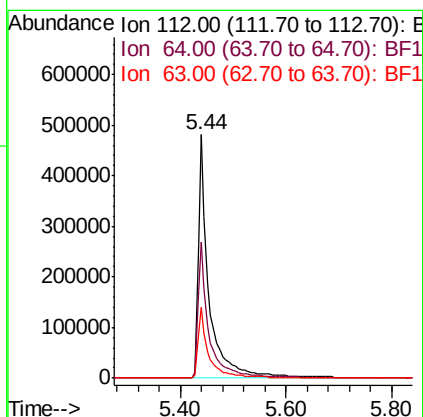
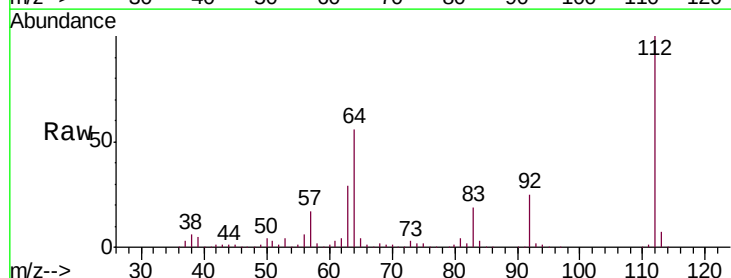
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	61.7	49.9	74.9

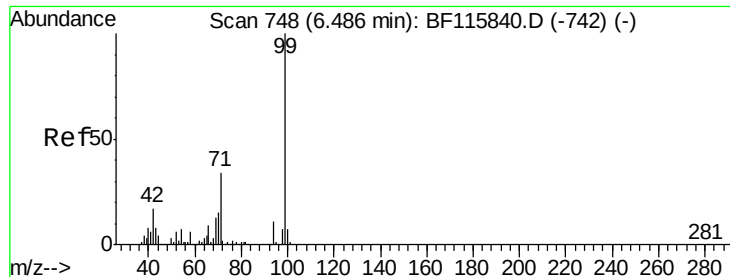


#5

2-Fluorophenol
Concen: 123.768 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116442.D
Acq: 20 Aug 2019 20:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.4	68.2
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 117.248 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116442.D

Acq: 20 Aug 2019 20:53

Instrument :

BNA_F

ClientSampled :

T6-D-(0-2)

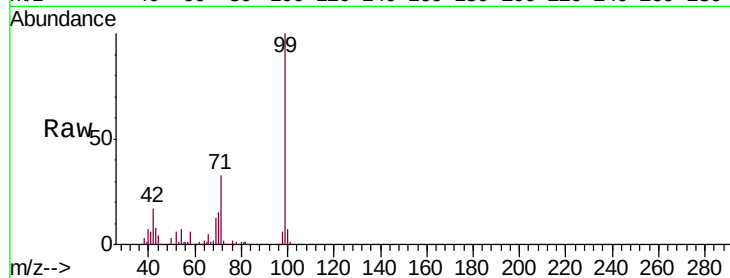
Tot Ion: 99 Resp: 828207

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.8

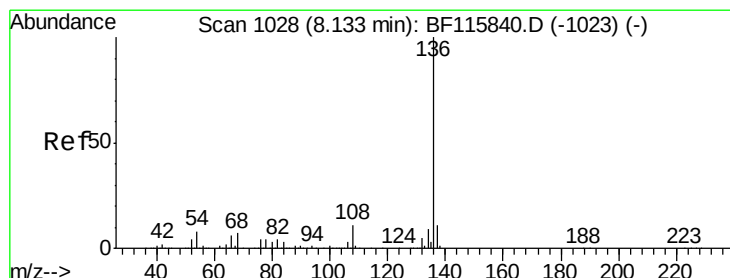
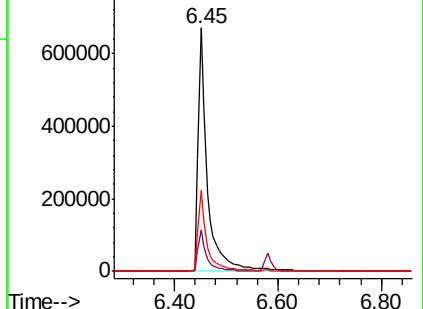
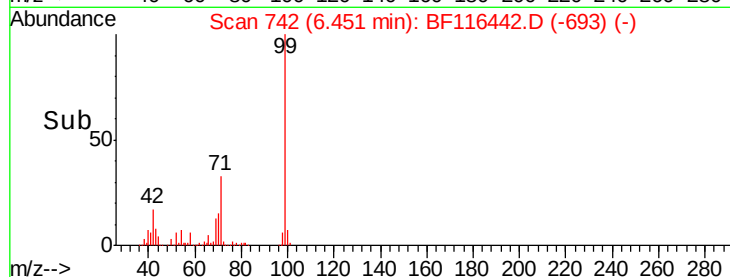
71 33.2 27.3 40.9



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116442.D

Acq: 20 Aug 2019 20:53

Tgt Ion: 136 Resp: 369245

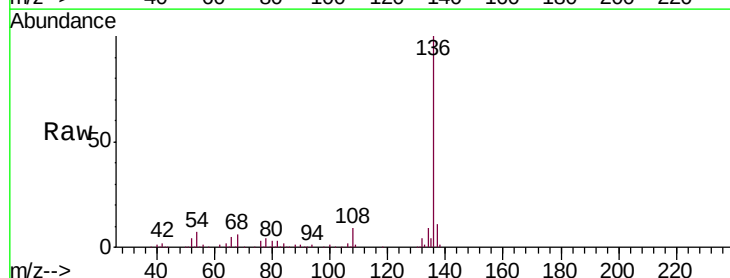
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.6 5.8 8.6

68 5.8 5.2 7.8

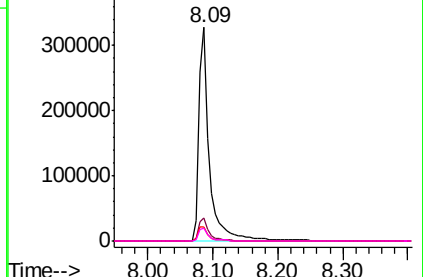
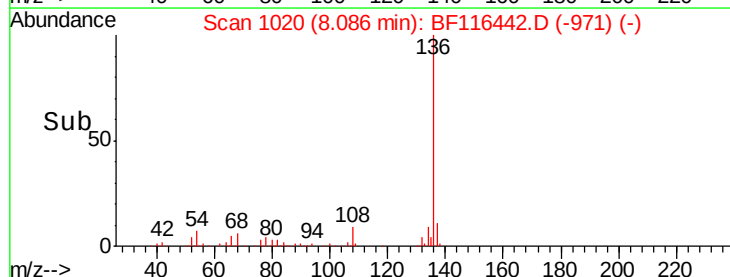


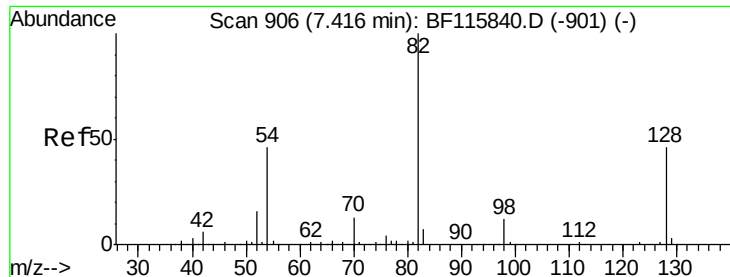
Abundance Ion 136.00 (135.70 to 136.70): E

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

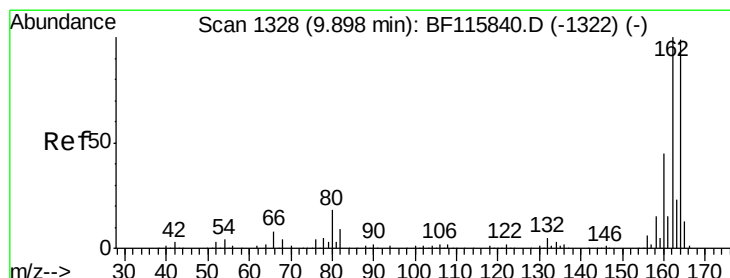
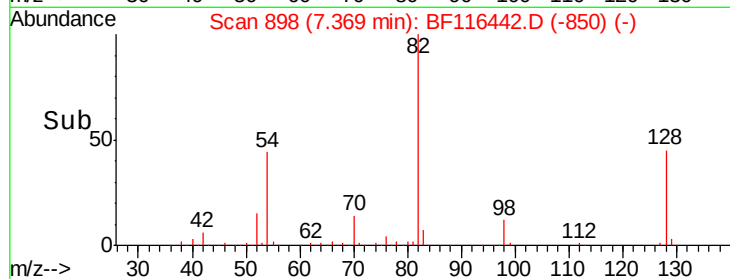
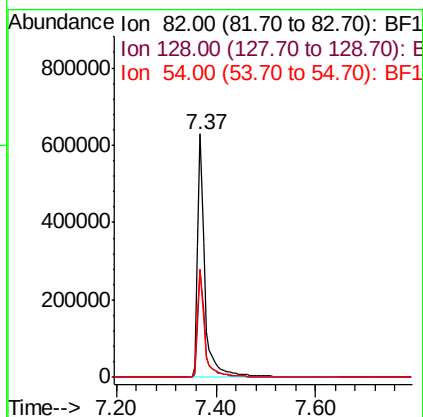
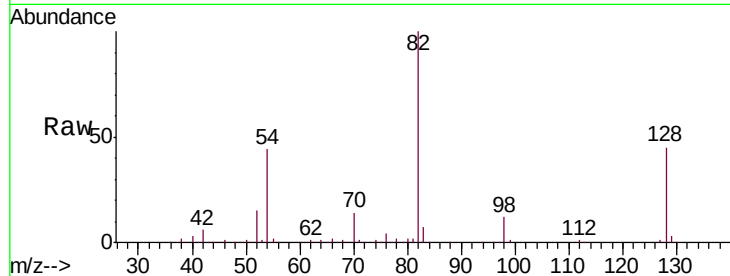




#23
 Nitrobenzene-d5
 Concen: 100.796 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116442.D
 Acq: 20 Aug 2019 20:53

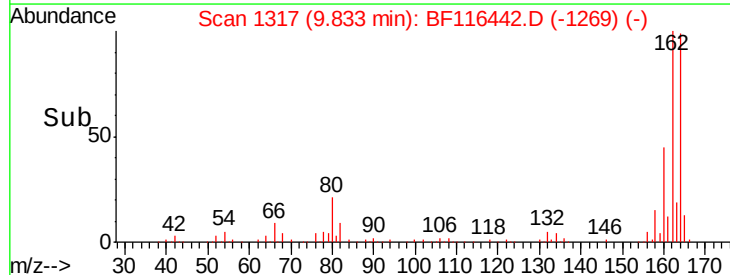
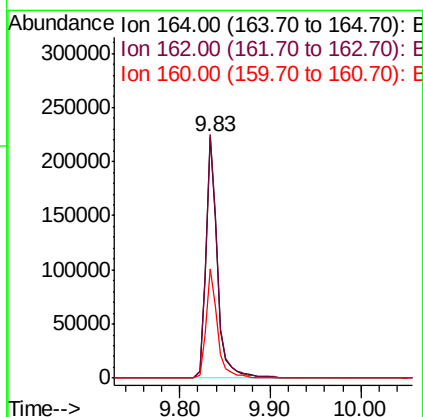
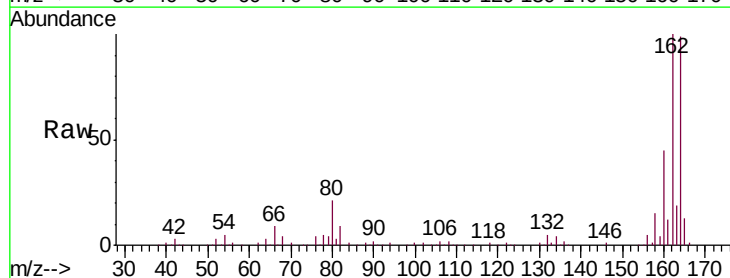
Instrument :
 BNA_F
 ClientSampleId :
 T6-D-(0-2)

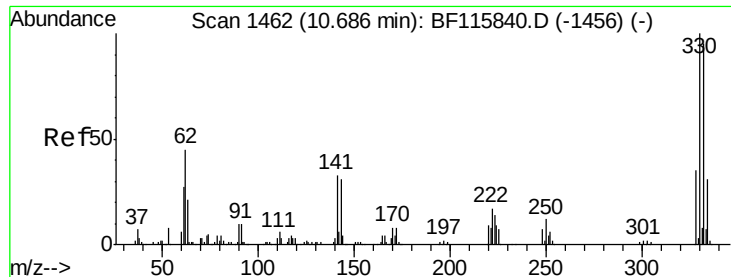
Tot Ion: 82 Resp: 644778
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.5 54.7
 54 44.1 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116442.D
 Acq: 20 Aug 2019 20:53

Tgt Ion: 164 Resp: 200499
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.6 124.0
 160 45.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 151.829 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116442.D

Acq: 20 Aug 2019 20:53

Instrument :

BNA_F

ClientSampleId :

T6-D-(0-2)

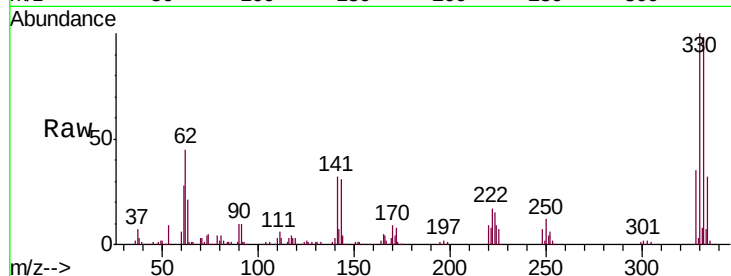
Tot Ion:330 Resp: 295140

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

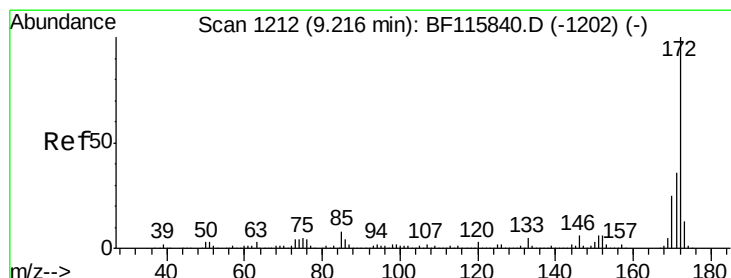
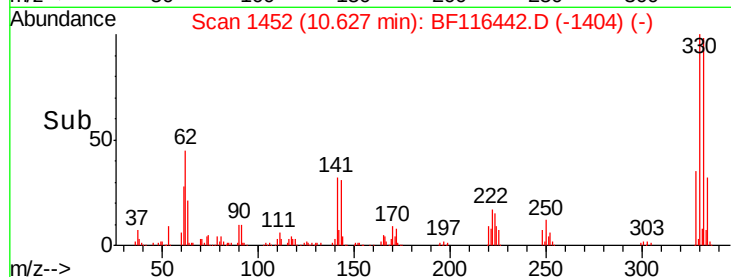
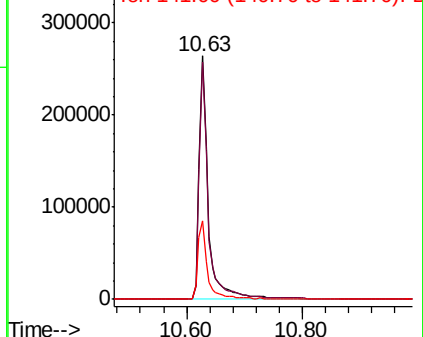
141 34.0 26.3 39.5



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: 102.022 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116442.D

Acq: 20 Aug 2019 20:53

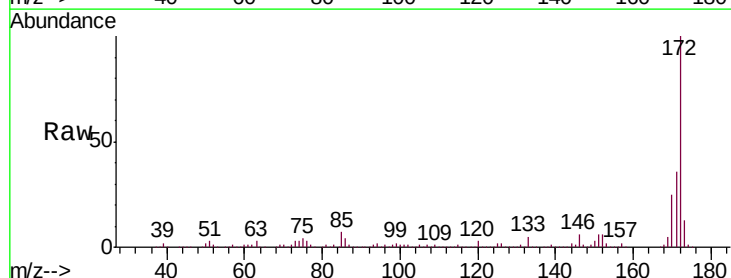
Tgt Ion:172 Resp: 1092069

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

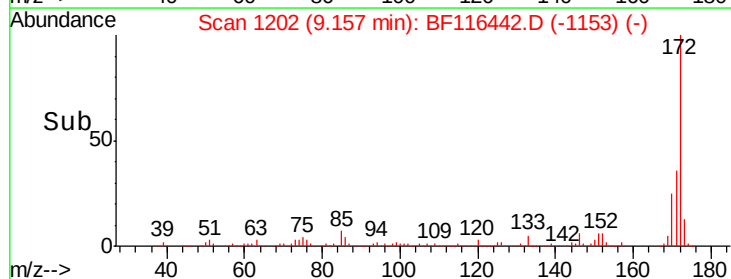
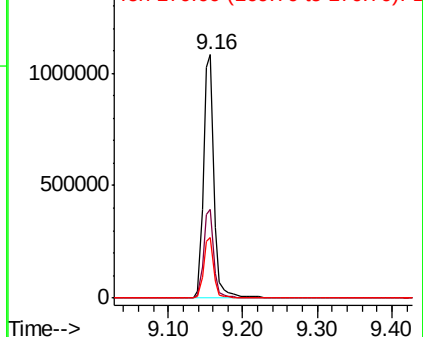
170 25.1 20.1 30.1

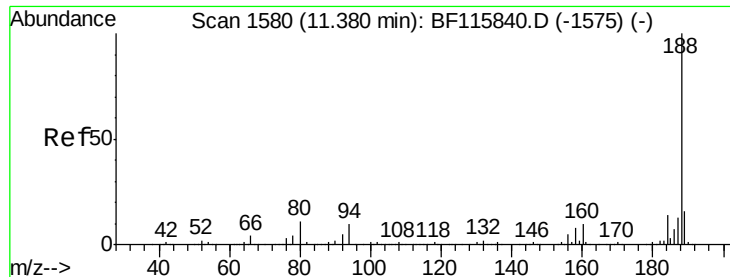


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

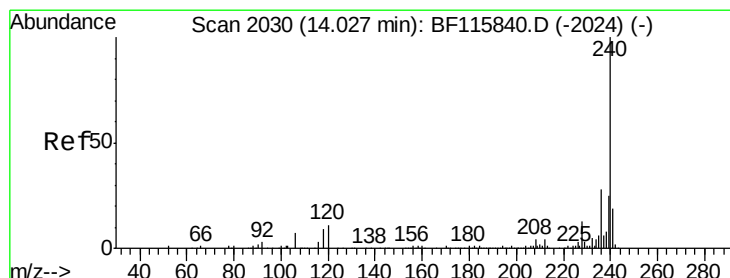
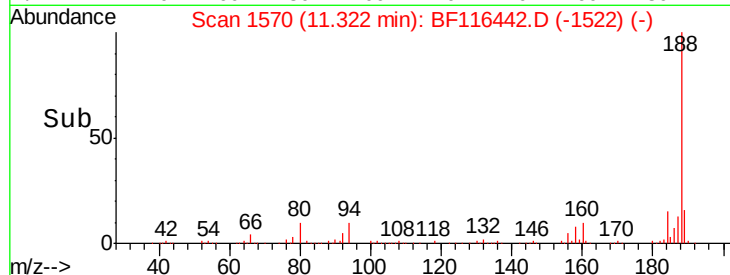
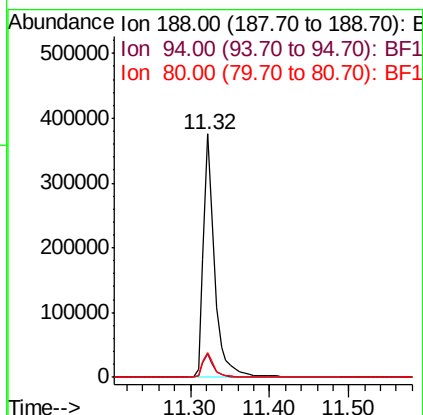
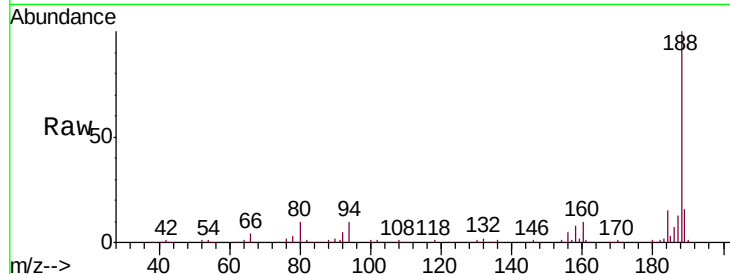




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116442.D
Acq: 20 Aug 2019 20:53

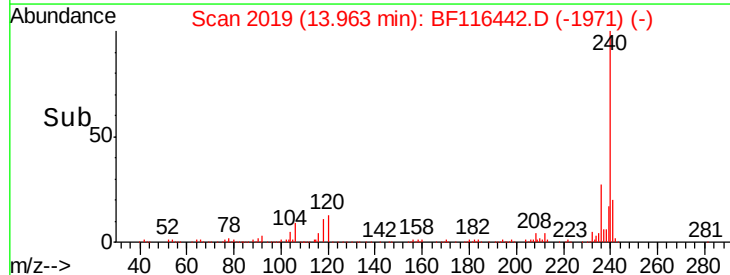
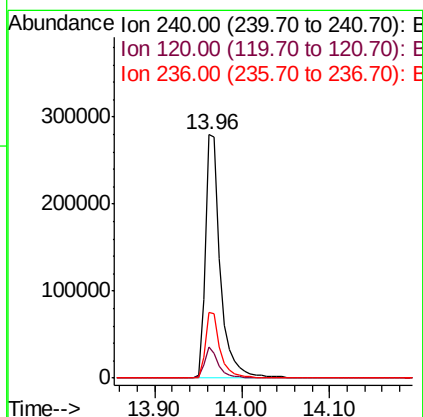
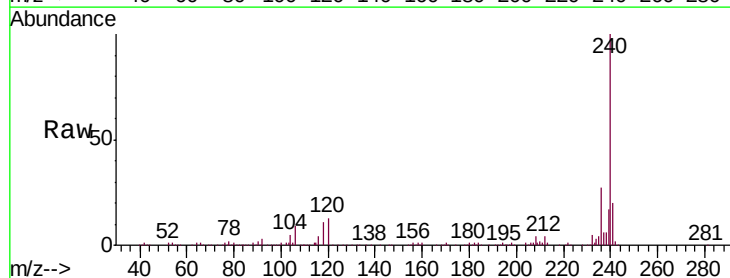
Instrument :
BNA_F
ClientSampleId :
T6-D-(0-2)

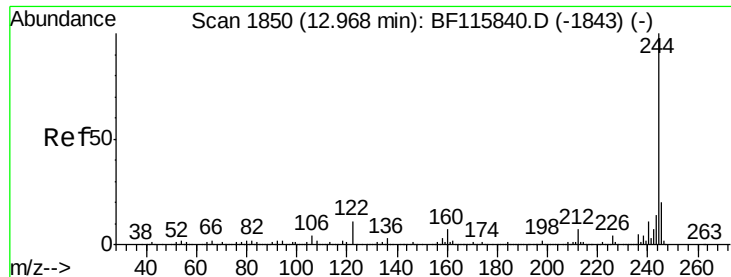
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.4	8.7	13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116442.D
Acq: 20 Aug 2019 20:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.7	16.1
236	27.1	22.2	33.2





#79

Terphenyl-d14

Concen: 94.093 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116442.D

Acq: 20 Aug 2019 20:53

Instrument :

BNA_F

ClientSampleId :

T6-D-(0-2)

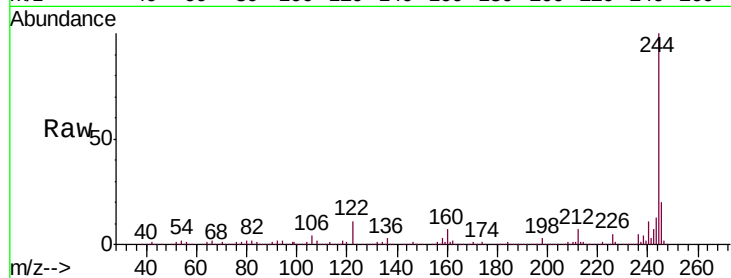
Tot Ion:244 Resp: 1490914

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

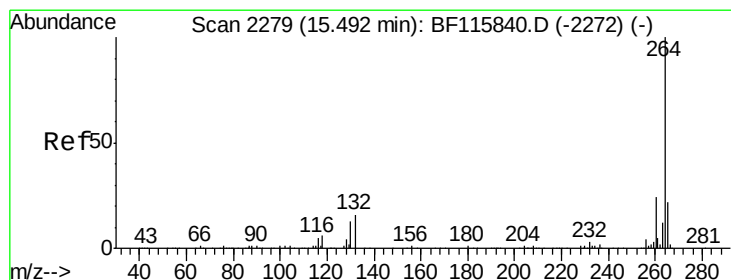
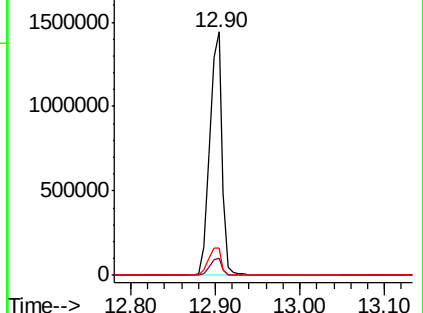
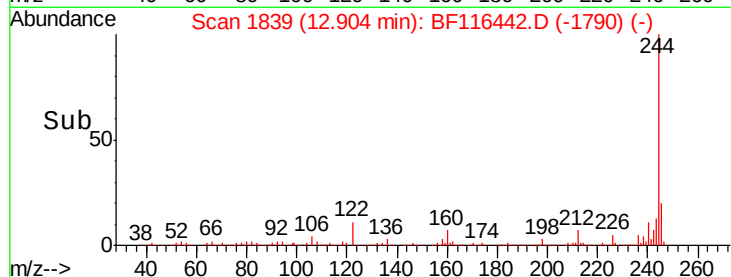
122 11.2 9.0 13.4



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: BF116442.D

Acq: 20 Aug 2019 20:53

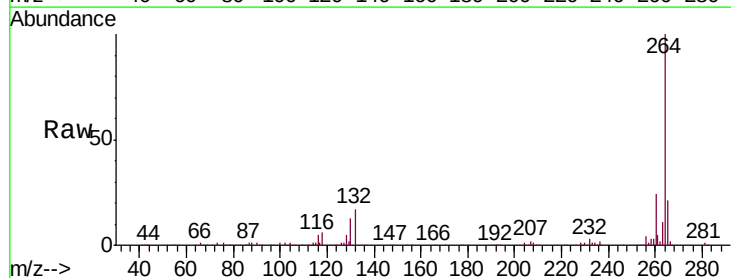
Tgt Ion:264 Resp: 335270

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.5 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

