

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116737.D
 Acq On : 1 Sep 2019 10:24
 Operator : HP/JU
 Sample : K4601-39
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T12-G1-G4-(0-2.7)

Quant Time: Sep 02 06:57:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132364	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	525255	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	279113	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	466458	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	319392	20.00	ng	-0.01
87) Perylene-d12	15.44	264	326088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	979992	119.95	ng	0.00
7) Phenol-d6	6.47	99	1208444	112.64	ng	0.00
23) Nitrobenzene-d5	7.40	82	927702	100.83	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	298794	160.13	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1536991	92.89	ng	0.00
79) Terphenyl-d14	12.94	244	1592185	92.22	ng	0.00

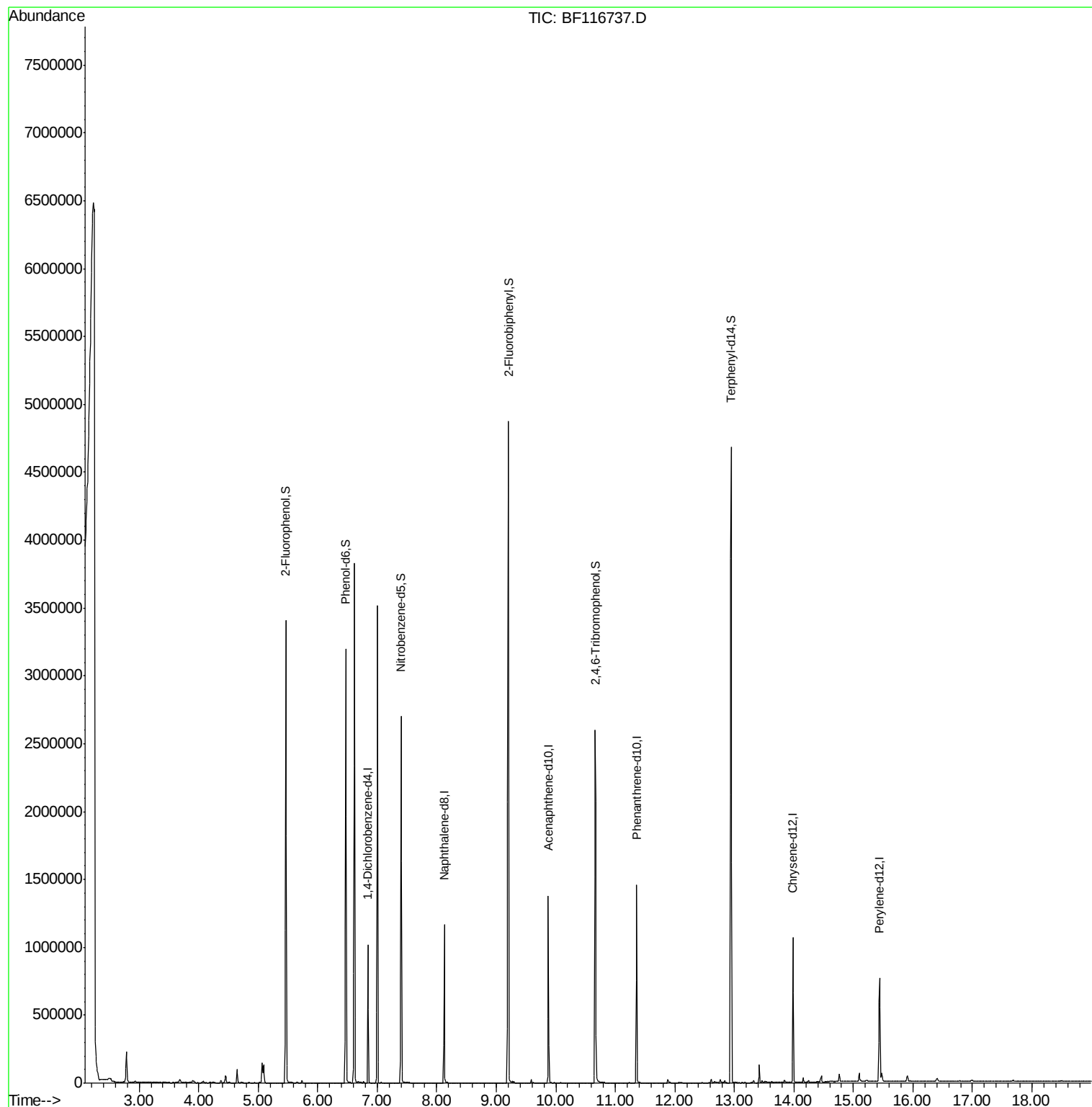
Target Compounds Qvalue

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

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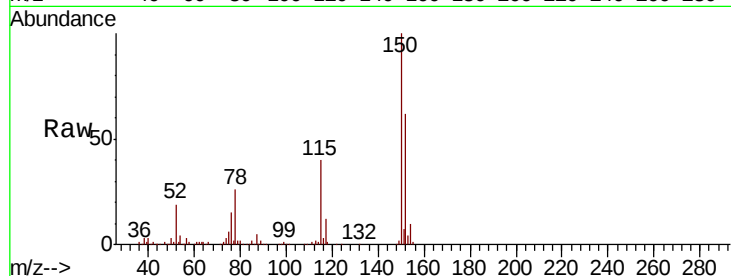


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116737.D
Acq: 1 Sep 2019 10:24

Instrument :
BNA_F
ClientSampleId :
T12-G1-G4-(0-2.7)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.4	186.6
115	63.7	49.9	74.9

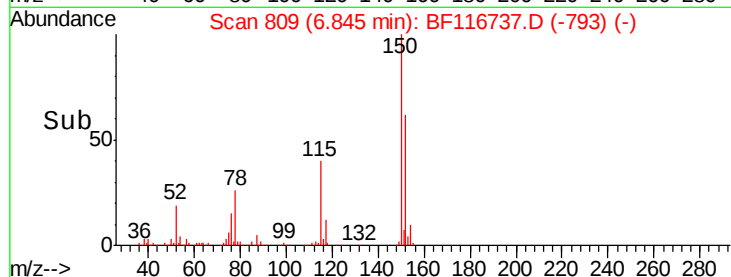
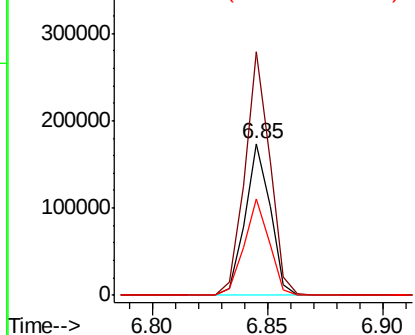


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

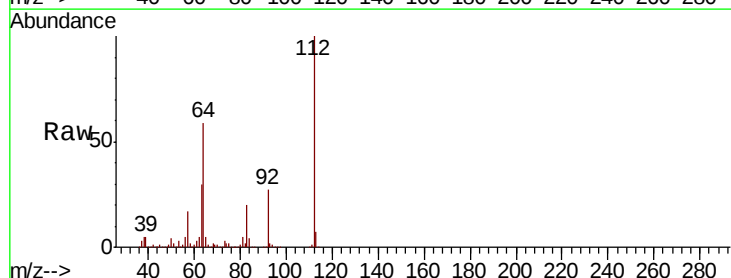
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.945 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116737.D
Acq: 1 Sep 2019 10:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.1	70.7
63	30.2	24.9	37.3

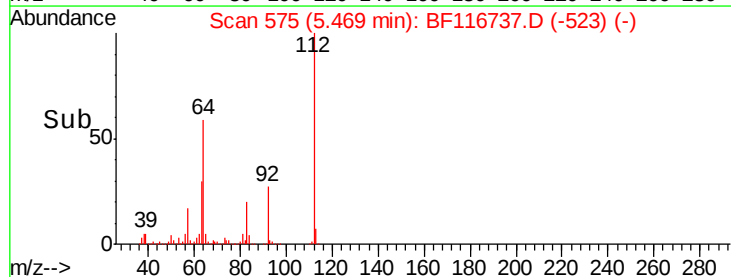
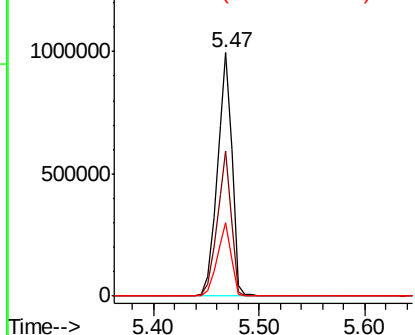


Abundance

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: 112.638 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116737.D

Acq: 1 Sep 2019 10:24

Instrument :

BNA_F

ClientSampleId :

T12-G1-G4-(0-2.7)

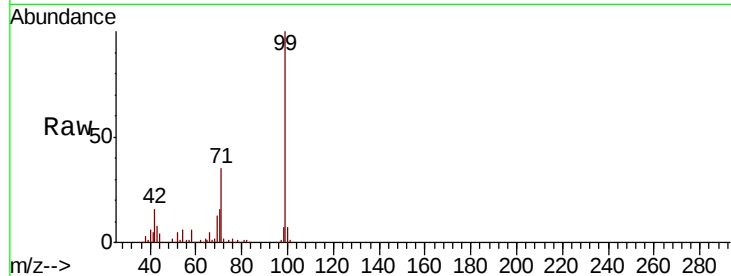
Tot Ion: 99 Resp: 1208444

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.7	20.5
71	35.4	30.8	46.2

99 100

42 15.9 13.7 20.5

71 35.4 30.8 46.2

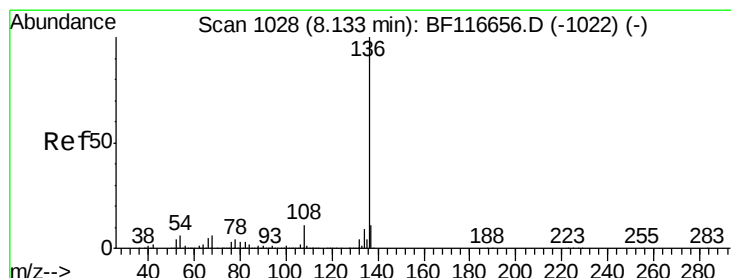
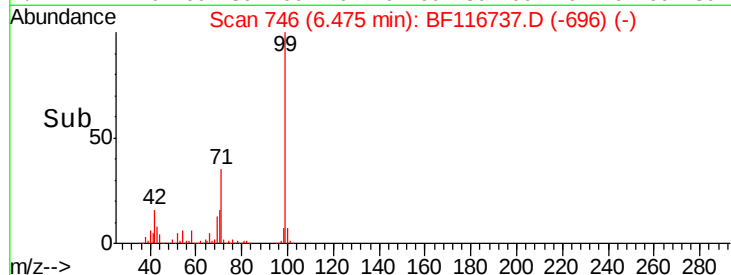
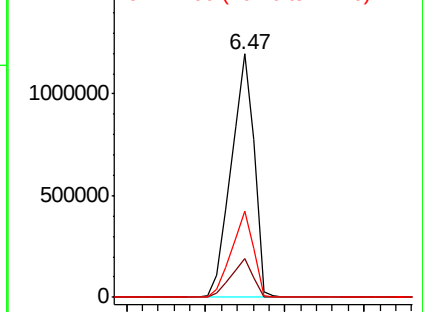


Abundance

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116737.D

Acq: 1 Sep 2019 10:24

Tgt Ion: 136 Resp: 525255

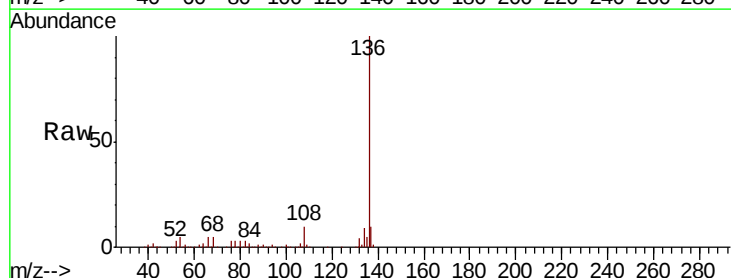
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.2	4.8	7.2
68	5.4	4.0	6.0

136 100

137 10.5 8.9 13.3

54 5.2 4.8 7.2

68 5.4 4.0 6.0



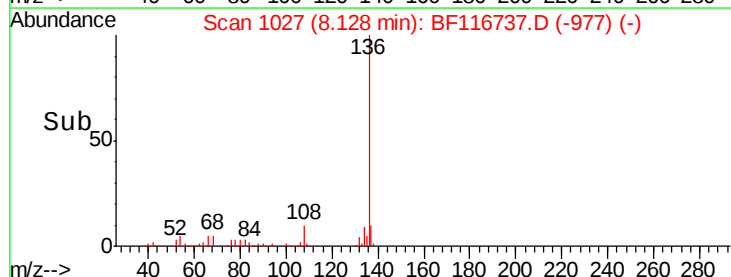
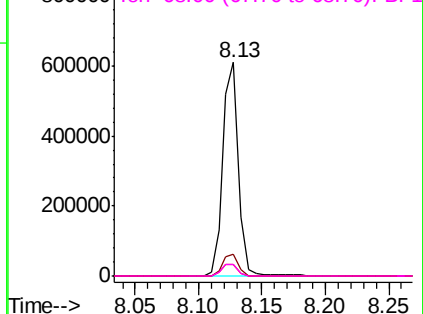
Abundance

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

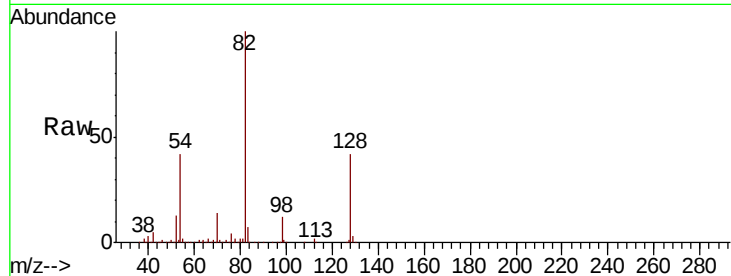




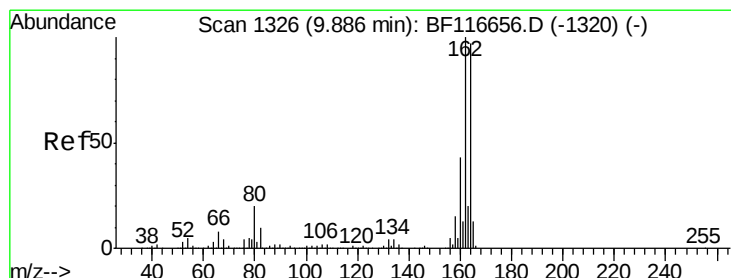
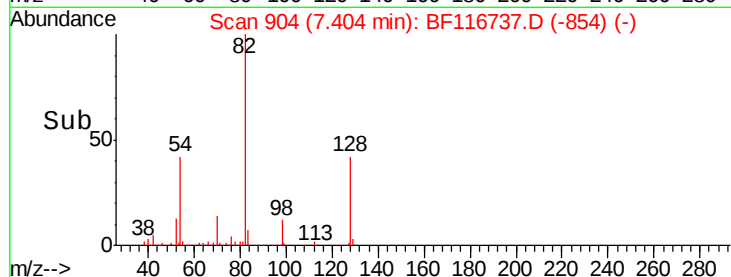
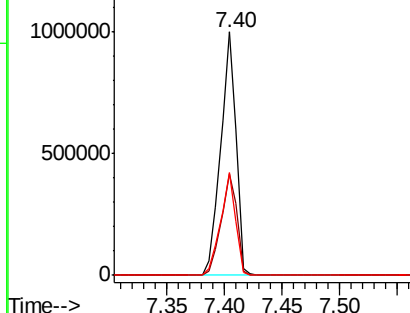
#23
Nitrobenzene-d5
Concen: 100.827 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116737.D
Acq: 1 Sep 2019 10:24

Instrument :
BNA_F
ClientSampleId :
T12-G1-G4-(0-2.7)

Tot Ion	82	Resp	927702
Ion Ratio	100	Lower	Upper
128	41.7	32.8	49.2
54	42.5	36.9	55.3

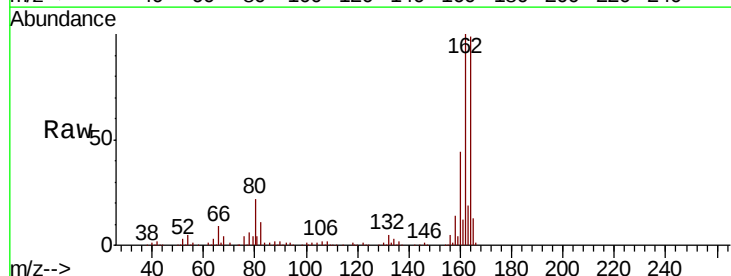


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

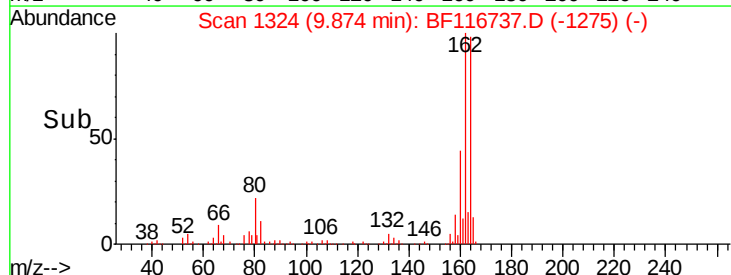
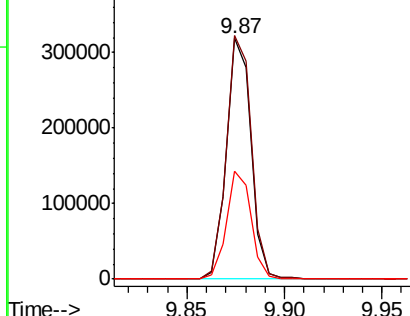


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116737.D
Acq: 1 Sep 2019 10:24

Tgt Ion	164	Resp	279113
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.2	81.4	122.0
160	45.0	35.4	53.2



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

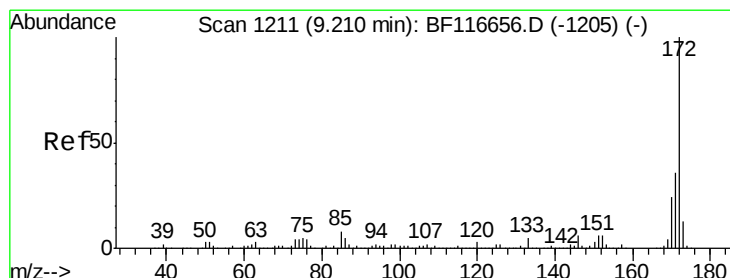
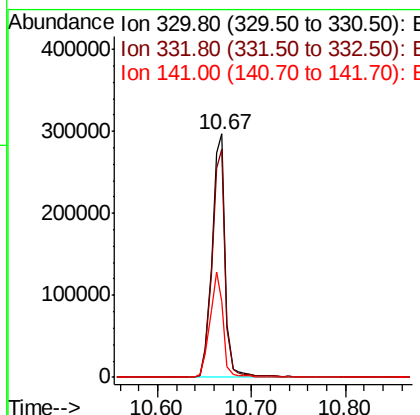
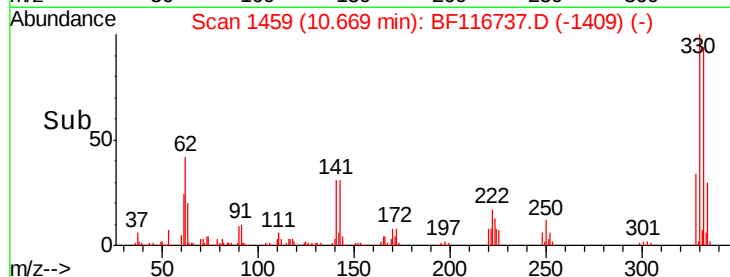
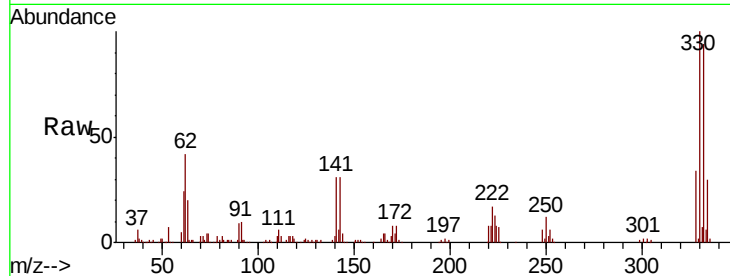




#42
 2,4,6-Tribromophenol
 Concen: 160.131 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116737.D
 Acq: 1 Sep 2019 10:24

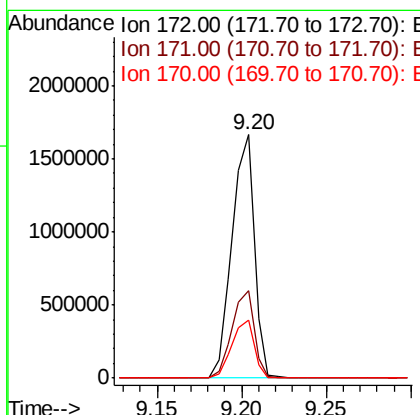
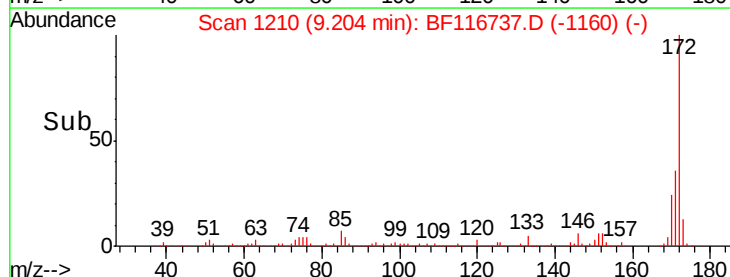
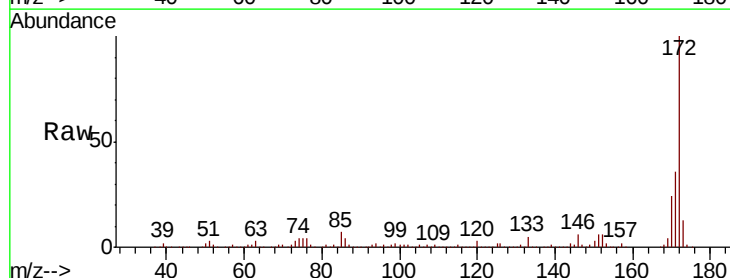
Instrument :
 BNA_F
 ClientSampleId :
 T12-G1-G4-(0-2.7)

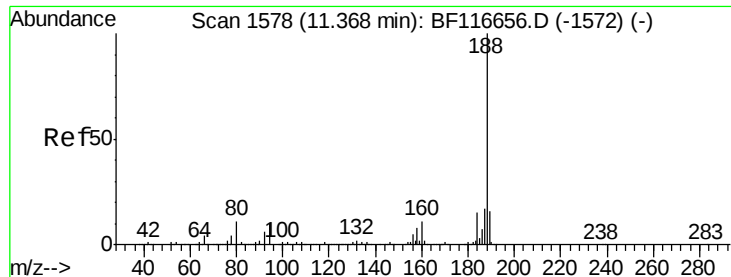
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.9	115.3
141	42.5	31.4	47.2



#45
 2-Fluorobiphenyl
 Concen: 92.892 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116737.D
 Acq: 1 Sep 2019 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	24.0	18.9	28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116737.D

Acq: 1 Sep 2019 10:24

Instrument :

BNA_F

ClientSampleId :

T12-G1-G4-(0-2.7)

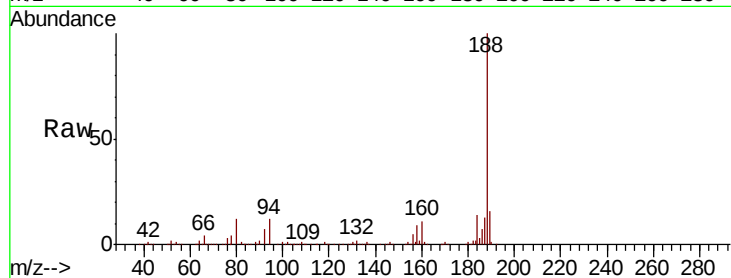
Tot Ion:188 Resp: 466458

Ion Ratio Lower Upper

188 100

94 11.5 7.3 10.9#

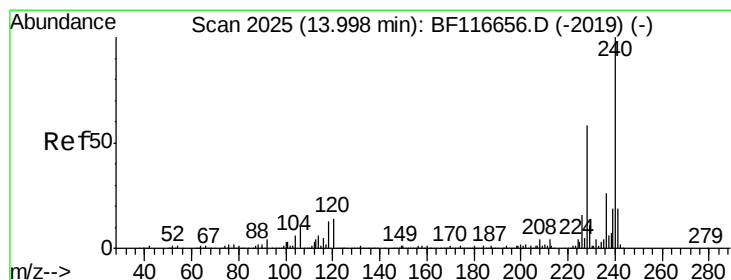
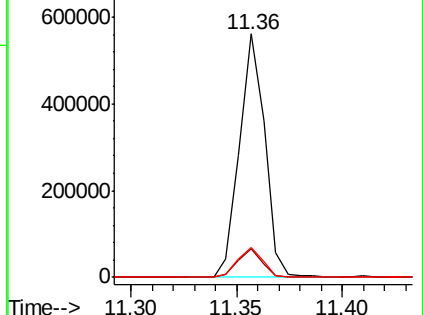
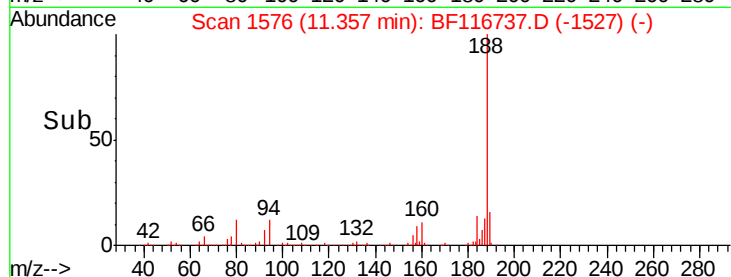
80 12.3 8.4 12.6



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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116737.D

Acq: 1 Sep 2019 10:24

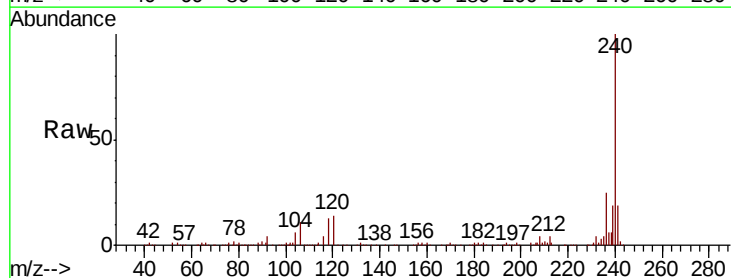
Tgt Ion:240 Resp: 319392

Ion Ratio Lower Upper

240 100

120 14.0 9.1 13.7#

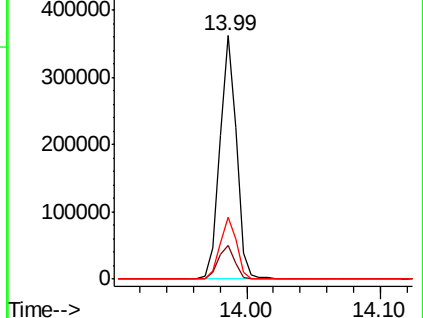
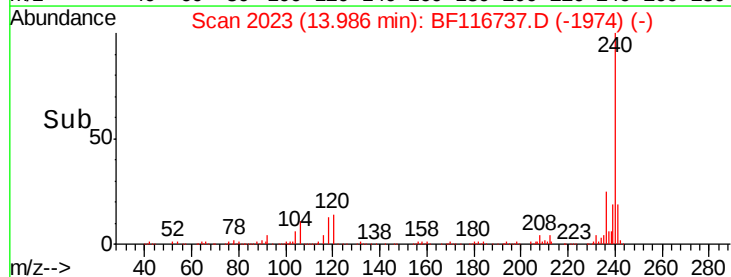
236 25.3 21.1 31.7

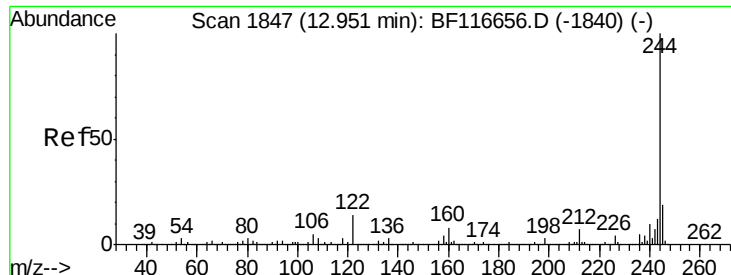


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



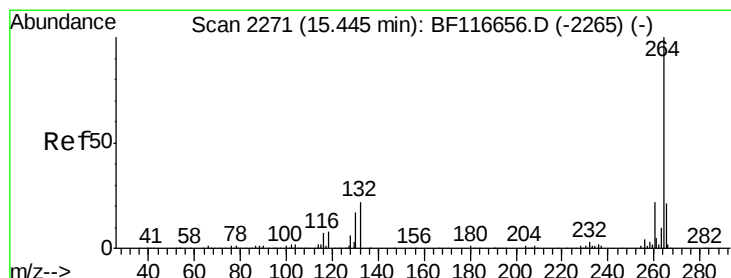
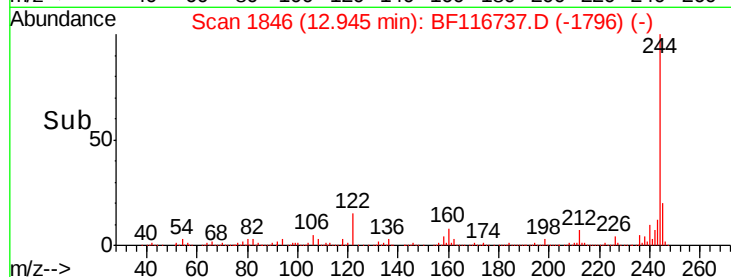
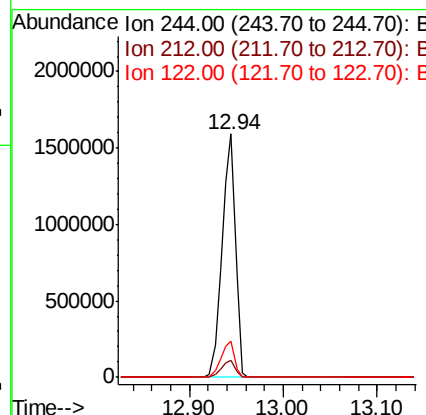
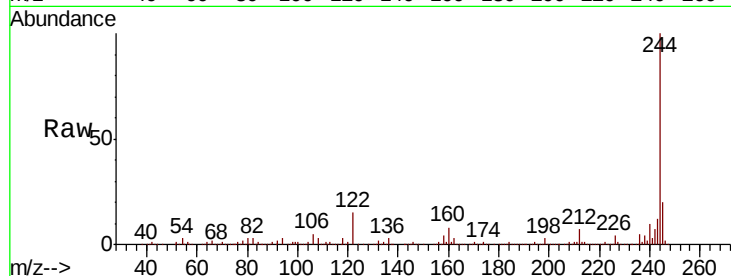


#79
 Terphenyl-d14
 Concen: 92.221 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116737.D
 Acq: 1 Sep 2019 10:24

Instrument :
 BNA_F
 ClientSampleId :
 T12-G1-G4-(0-2.7)

Tot Ion:244 Resp: 1592185

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	14.8	10.2	15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116737.D
 Acq: 1 Sep 2019 10:24

Tgt Ion:264 Resp: 326088

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.6	16.5	24.7

