

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116797.D
 Acq On : 4 Sep 2019 3:14
 Operator : HP/JU
 Sample : K4624-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-11-A1-A4-(0-4)

Quant Time: Sep 04 07:46:13 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	136743	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	536337	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	275053	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	463915	20.00	ng	0.00
76) Chrysene-d12	13.99	240	288875	20.00	ng	0.00
87) Perylene-d12	15.44	264	315111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	990718	117.37	ng	0.01
7) Phenol-d6	6.48	99	1191468	107.50	ng	0.00
23) Nitrobenzene-d5	7.41	82	903221	96.14	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	290429	157.95	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1504311	92.26	ng	0.00
79) Terphenyl-d14	12.94	244	1478736	94.70	ng	0.00

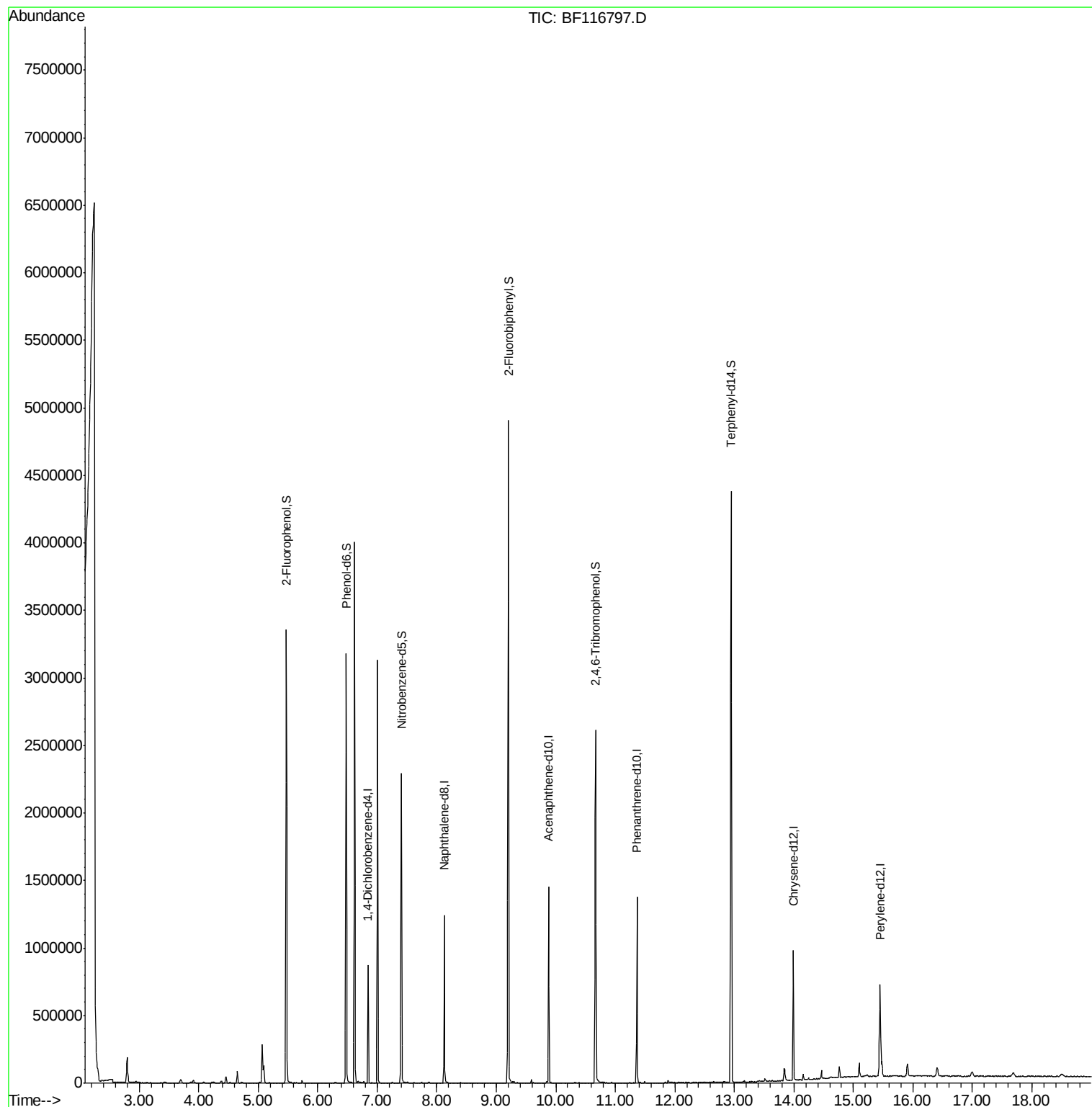
Target Compounds Qvalue

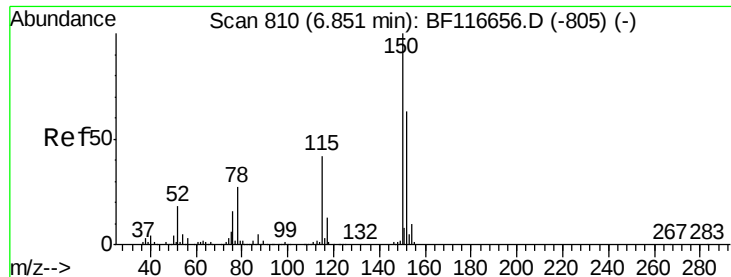
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116797.D
Acq On : 4 Sep 2019 3:14
Operator : HP/JU
Sample : K4624-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-11-A1-A4-(0-4)

Quant Time: Sep 04 07:46:13 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



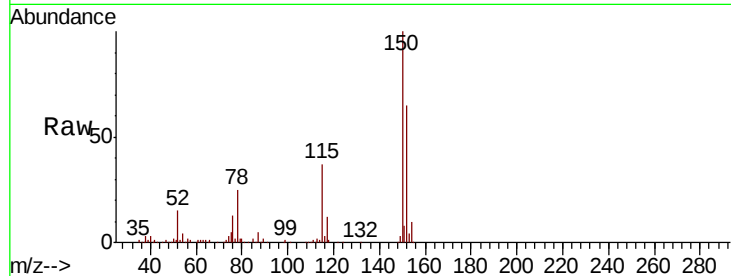


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Instrument :
BNA_F
ClientSampleId :
T-11-A1-A4-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.4	186.6
115	57.3	49.9	74.9

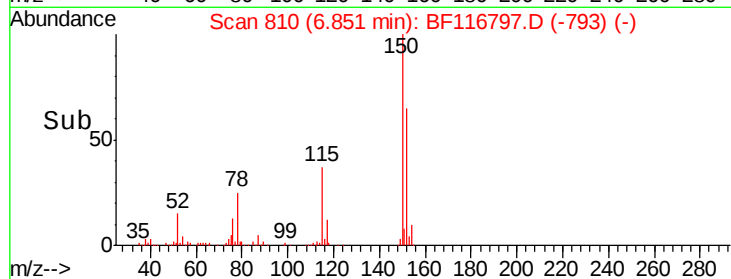
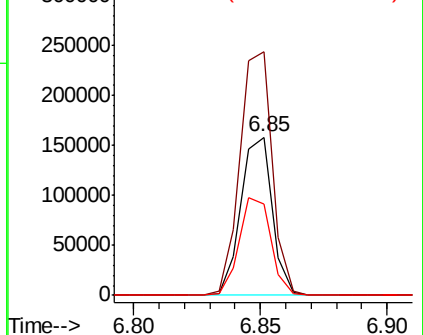


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

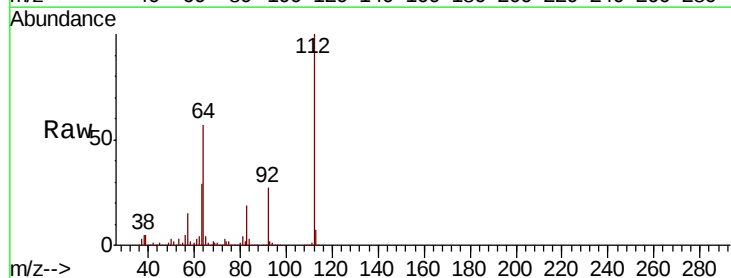
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.375 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.1	70.7
63	28.7	24.9	37.3

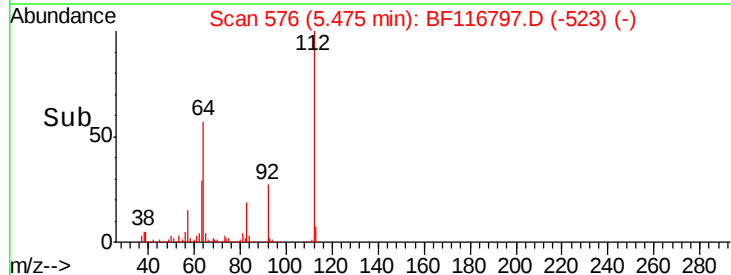
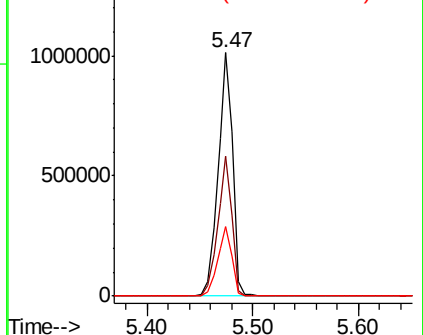


Abundance

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: 107.499 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116797.D

Acq: 4 Sep 2019 3:14

Instrument :

BNA_F

ClientSampleId :

T-11-A1-A4-(0-4)

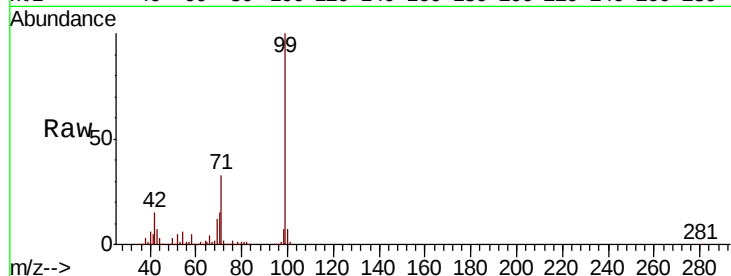
Tot Ion: 99 Resp: 1191468

Ion Ratio Lower Upper

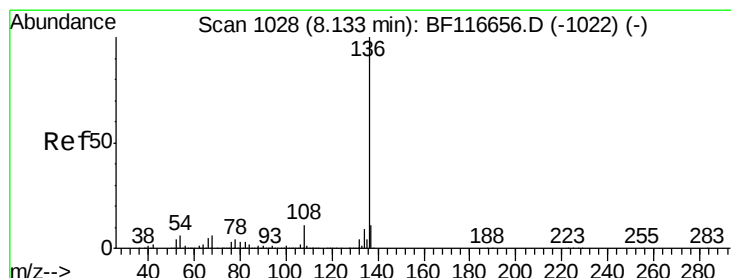
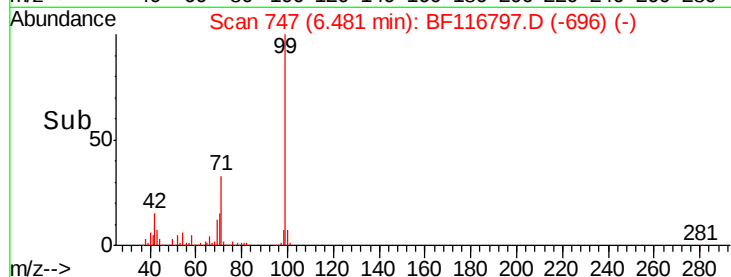
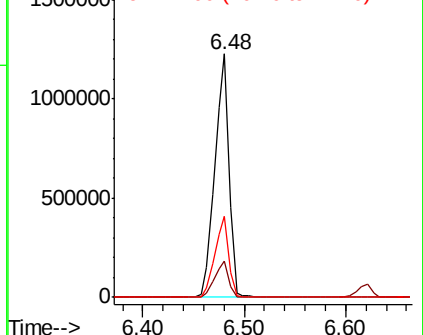
99 100

42 14.8 13.7 20.5

71 33.2 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: BF116797.D

Acq: 4 Sep 2019 3:14

Tgt Ion: 136 Resp: 536337

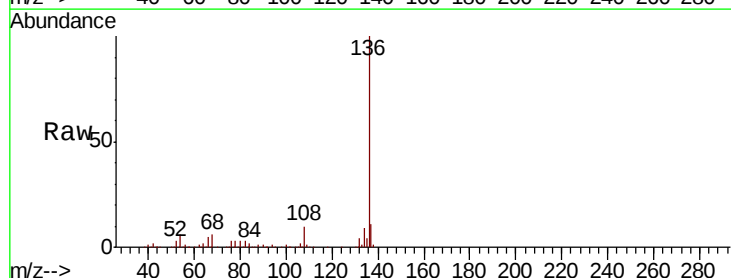
Ion Ratio Lower Upper

136 100

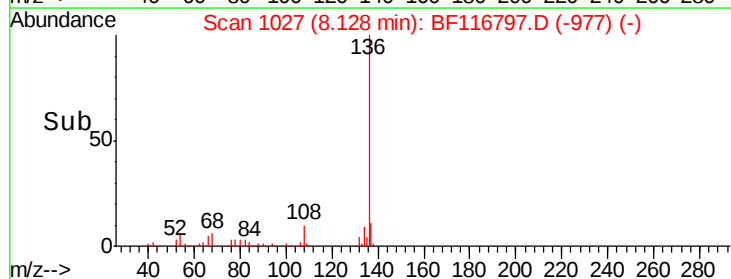
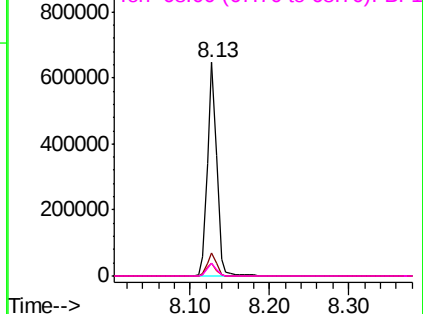
137 10.9 8.9 13.3

54 6.1 4.8 7.2

68 5.9 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

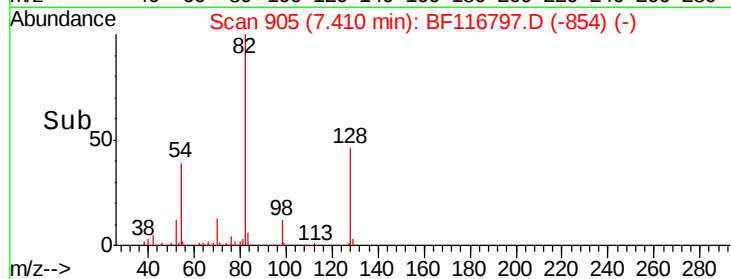
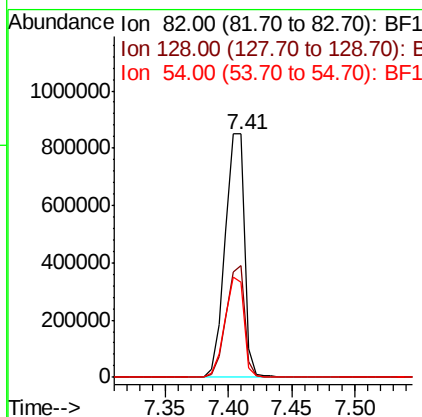
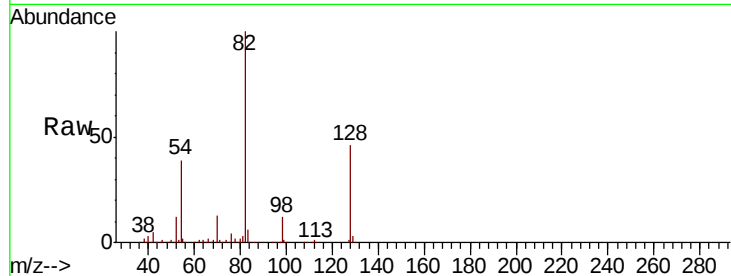




#23
 Nitrobenzene-d5
 Concen: 96.138 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116797.D
 Acq: 4 Sep 2019 3:14

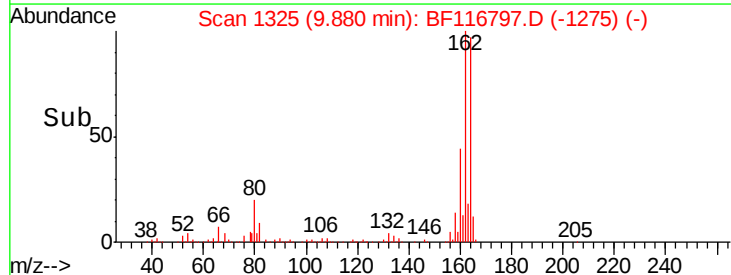
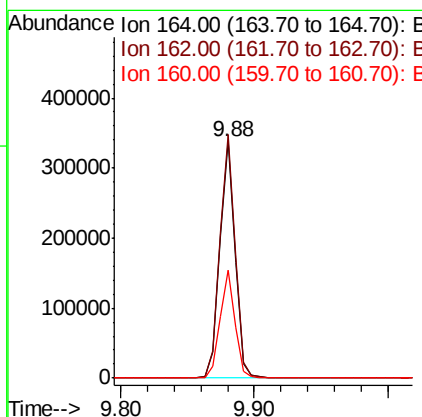
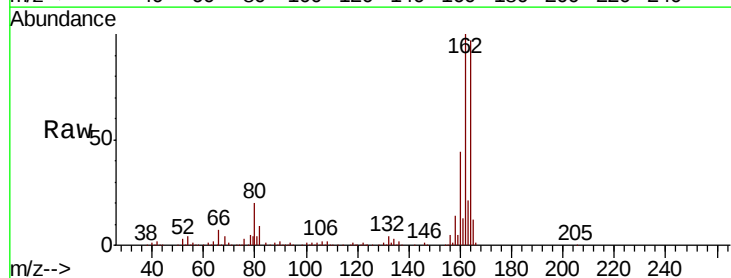
Instrument :
 BNA_F
 ClientSampleId :
 T-11-A1-A4-(0-4)

Tot Ion	82	Resp	903221
Ion Ratio	Lower	Upper	
82	100		
128	46.0	32.8	49.2
54	39.0	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116797.D
 Acq: 4 Sep 2019 3:14

Tgt Ion	164	Resp	275053
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.4	122.0
160	45.5	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 157.946 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116797.D

Acq: 4 Sep 2019 3:14

Instrument :

BNA_F

ClientSampleId :

T-11-A1-A4-(0-4)

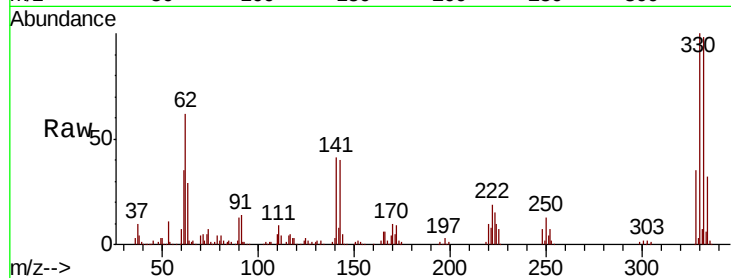
Tot Ion:330 Resp: 290429

Ion Ratio Lower Upper

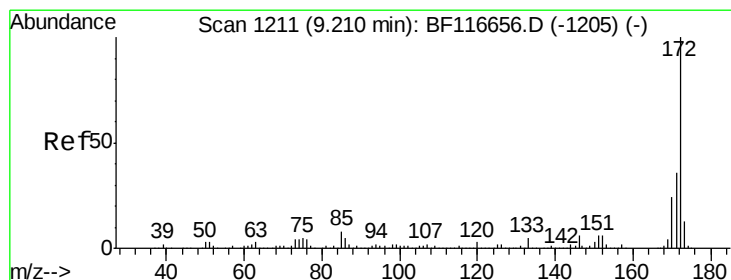
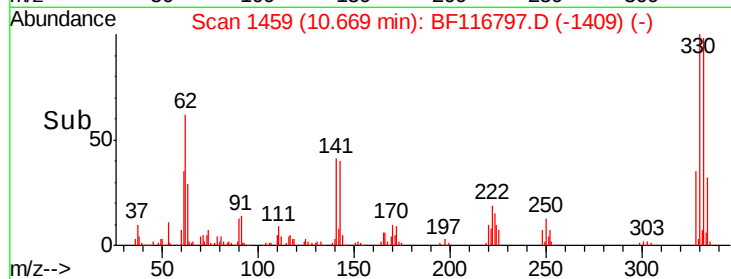
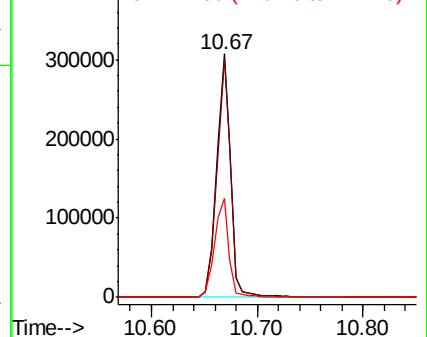
330 100

332 96.4 76.9 115.3

141 41.2 31.4 47.2



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: 92.259 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF116797.D

Acq: 4 Sep 2019 3:14

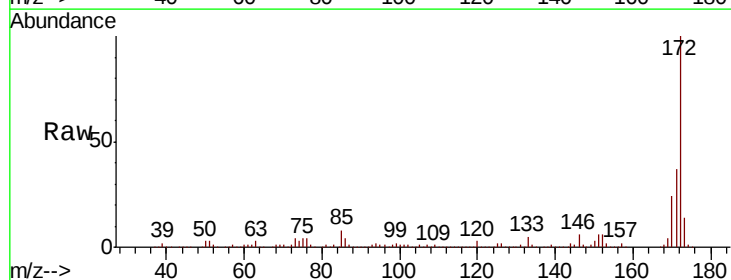
Tgt Ion:172 Resp: 1504311

Ion Ratio Lower Upper

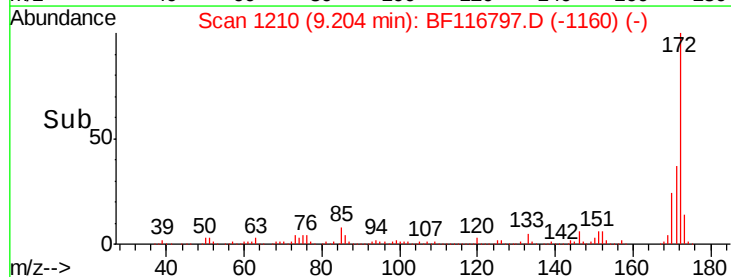
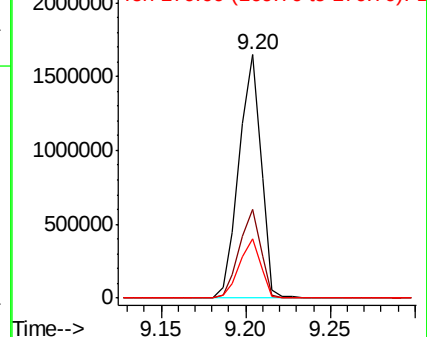
172 100

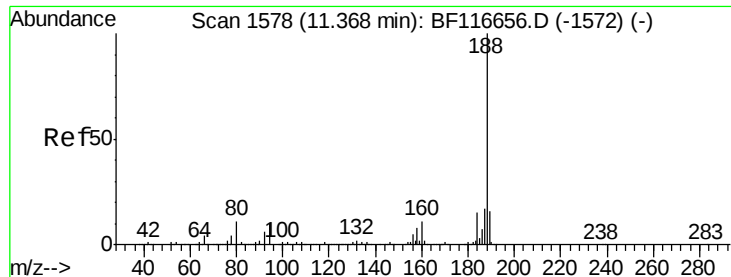
171 36.6 27.8 41.6

170 24.2 18.9 28.3



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

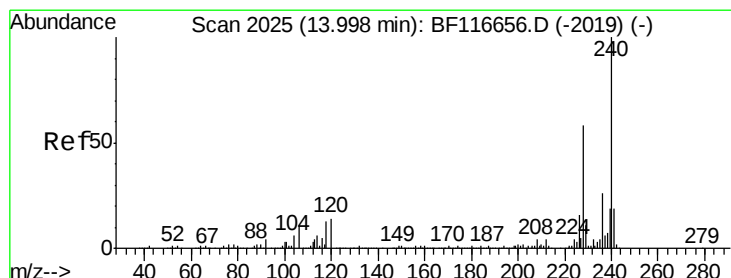
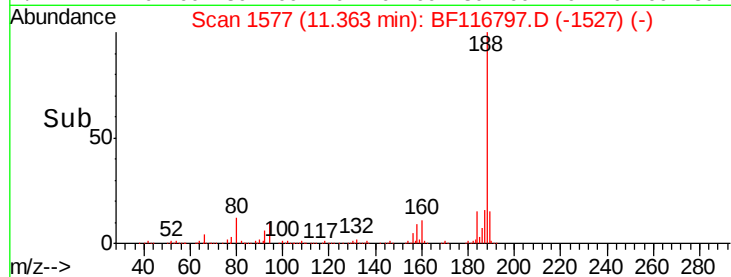
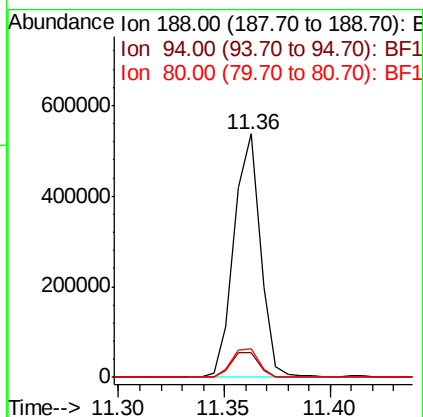
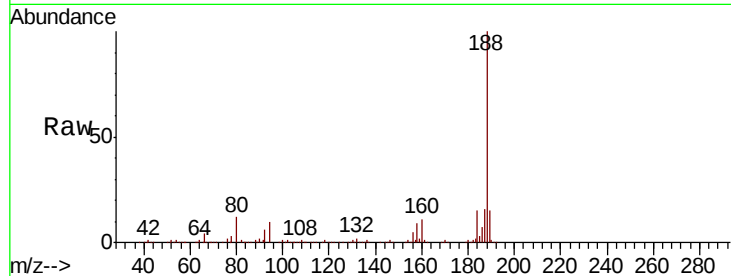




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

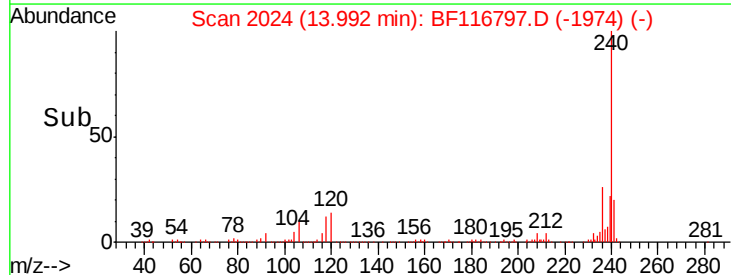
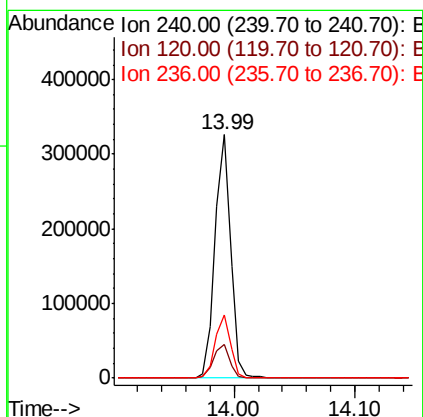
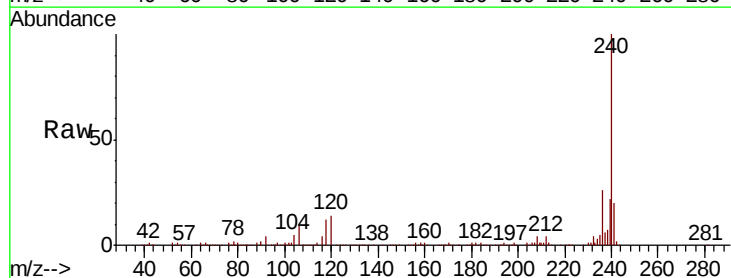
Instrument :
BNA_F
ClientSampleId :
T-11-A1-A4-(0-4)

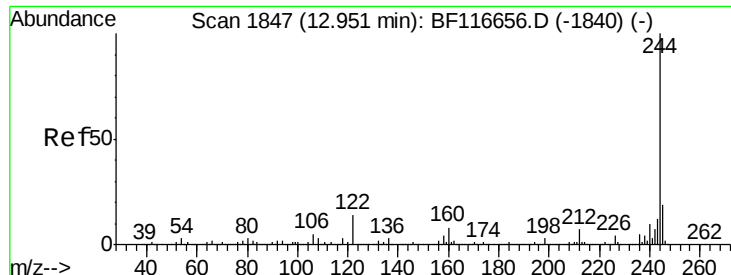
Tot Ion:188 Resp: 463915
Ion Ratio Lower Upper
188 100
94 10.4 7.3 10.9
80 11.6 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Tgt Ion:240 Resp: 288875
Ion Ratio Lower Upper
240 100
120 13.9 9.1 13.7#
236 25.9 21.1 31.7

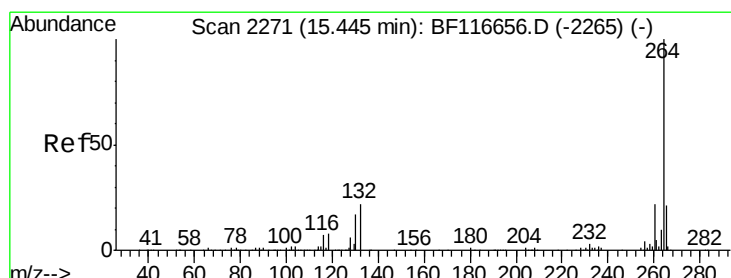
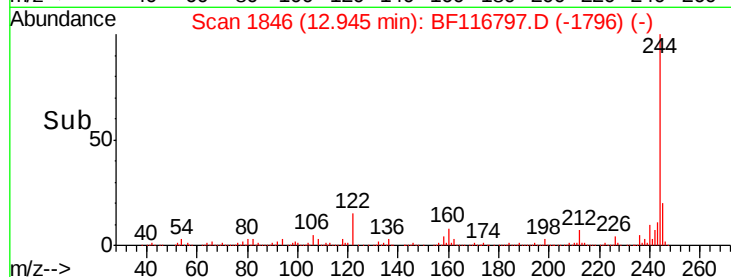
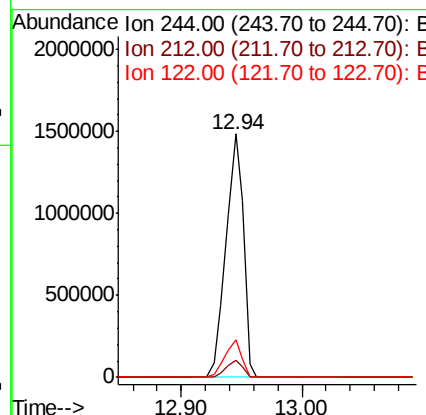
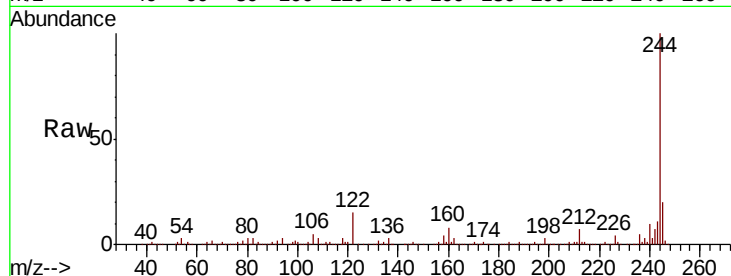




#79
 Terphenyl-d14
 Concen: 94.698 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116797.D
 Acq: 4 Sep 2019 3:14

Instrument :
 BNA_F
 ClientSampleId :
 T-11-A1-A4-(0-4)

Tot Ion:244 Resp: 1478736
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 15.5 10.2 15.4#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF116797.D
 Acq: 4 Sep 2019 3:14

Tgt Ion:264 Resp: 315111
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 21.6 16.5 24.7

