

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116897.D
 Acq On : 9 Sep 2019 15:31
 Operator : HP/JU
 Sample : PB122916BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122916BL

Quant Time: Sep 09 16:45:23 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	6.83	152	99405	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	385278	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	196989	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	319709	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	240750	20.00	ng	-0.01
87) Perylene-d12	15.43	264	222315	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	875609	142.70	ng	0.00
7) Phenol-d6	6.47	99	1167192	144.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	730652	108.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	249424	189.40	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1272240	108.95	ng	-0.02
79) Terphenyl-d14	12.94	244	1239394	95.24	ng	-0.01

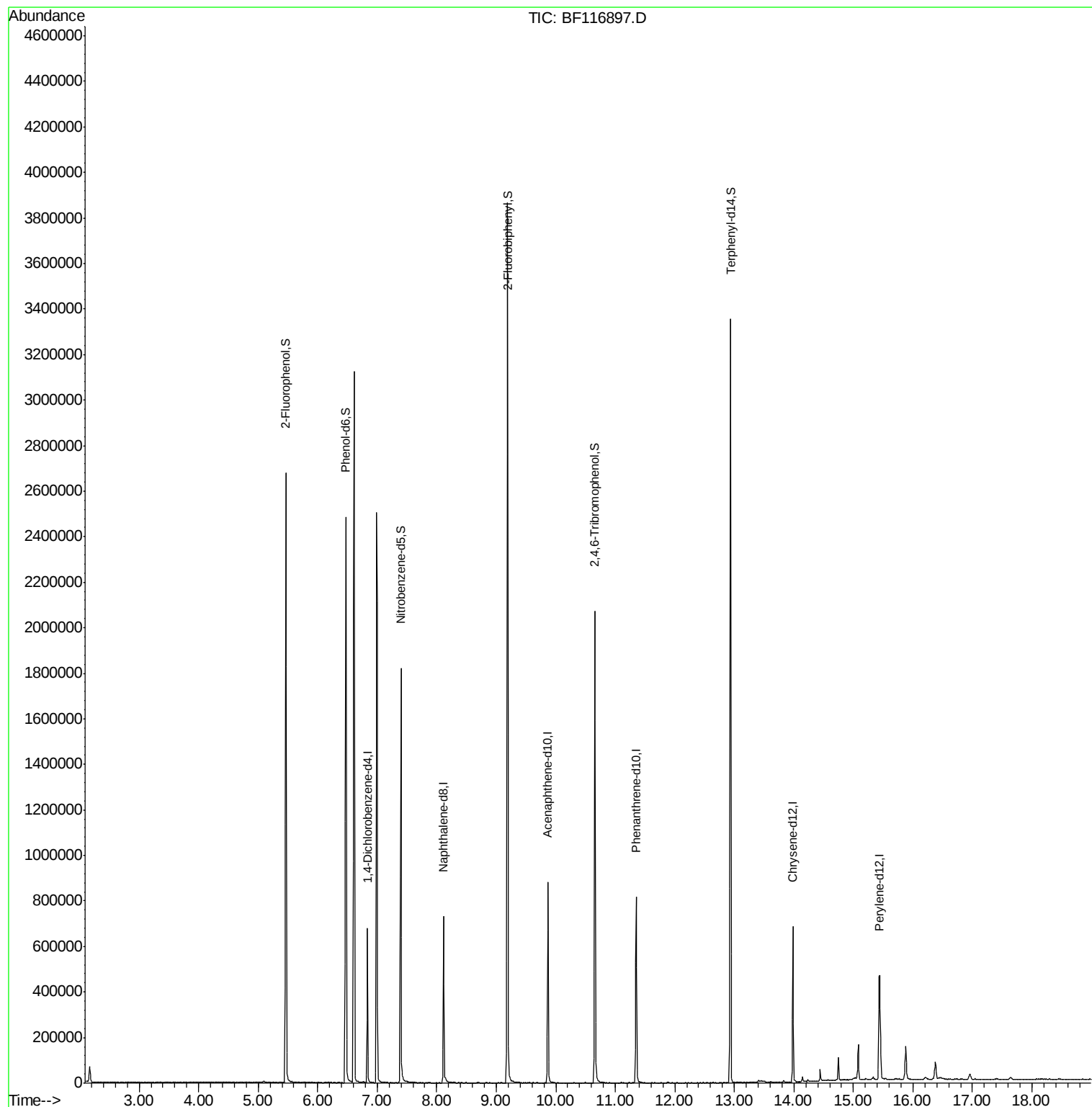
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
Data File : BF116897.D
Acq On : 9 Sep 2019 15:31
Operator : HP/JU
Sample : PB122916BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122916BL

Quant Time: Sep 09 16:45:23 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



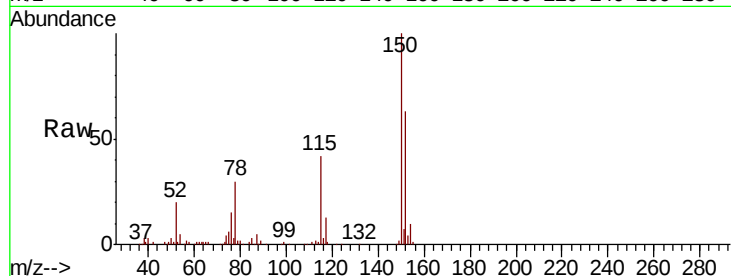


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116897.D
Acq: 9 Sep 2019 15:31

Instrument :
BNA_F
ClientSampleId :
PB122916BL

Tot Ion	152	Resp	99405
Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.4	186.6
115	67.0	49.9	74.9

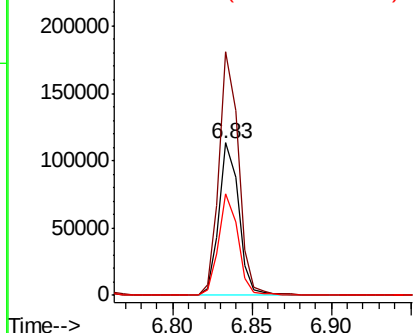
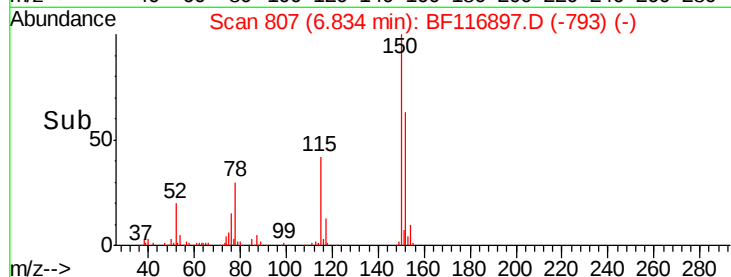


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

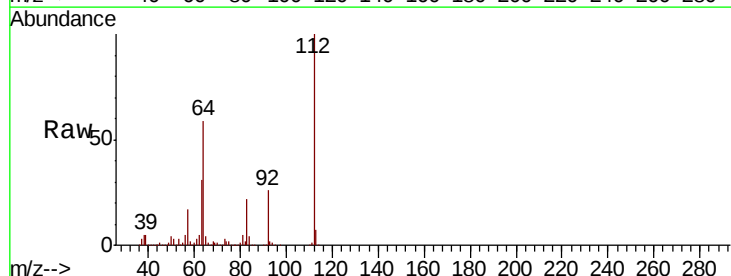
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 142.703 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116897.D
Acq: 9 Sep 2019 15:31

Tgt Ion	112	Resp	875609
Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.1	70.7
63	31.2	24.9	37.3

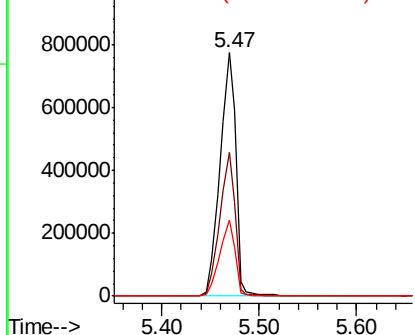
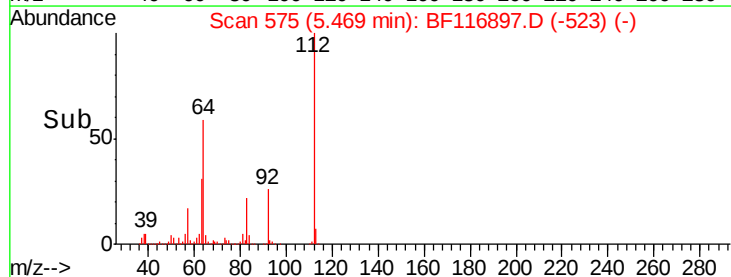


Abundance

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: 144.865 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116897.D

Acq: 9 Sep 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB122916BL

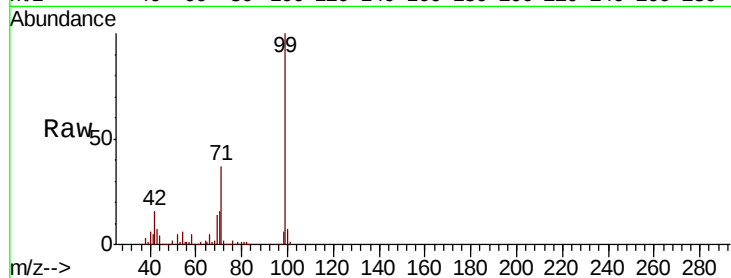
Tot Ion: 99 Resp: 1167192

Ion Ratio Lower Upper

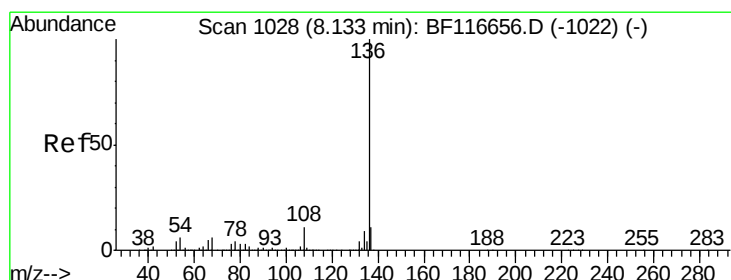
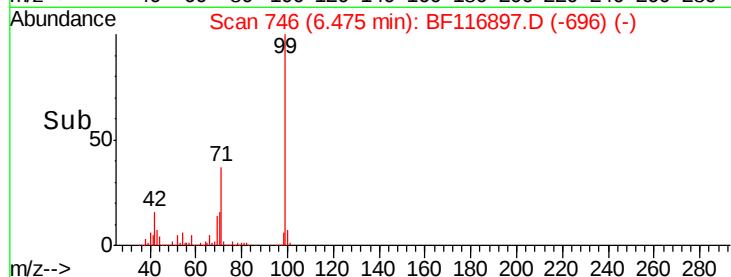
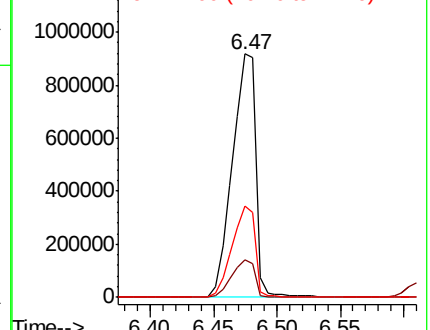
99 100

42 15.6 13.7 20.5

71 37.5 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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF116897.D

Acq: 9 Sep 2019 15:31

Tgt Ion: 136 Resp: 385278

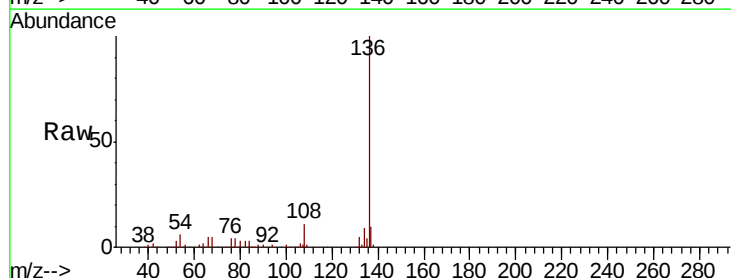
Ion Ratio Lower Upper

136 100

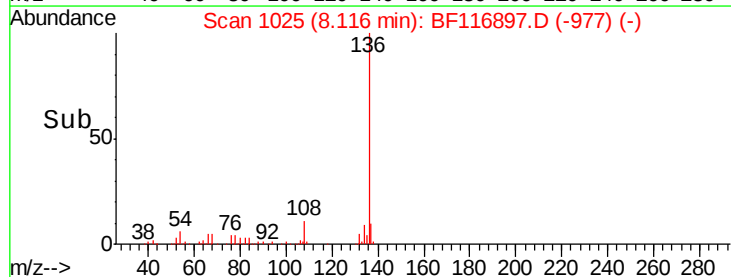
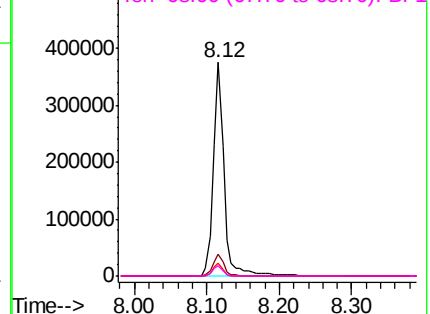
137 10.5 8.9 13.3

54 5.7 4.8 7.2

68 4.7 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

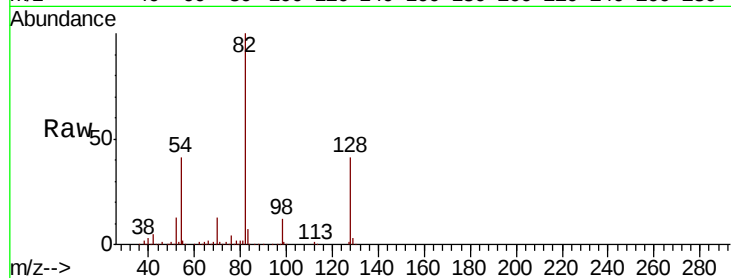




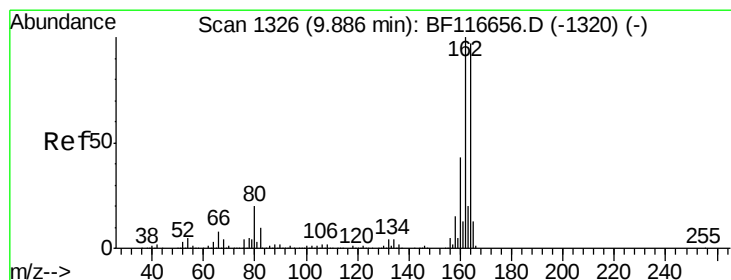
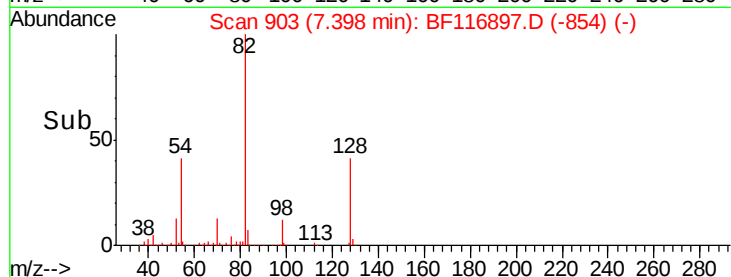
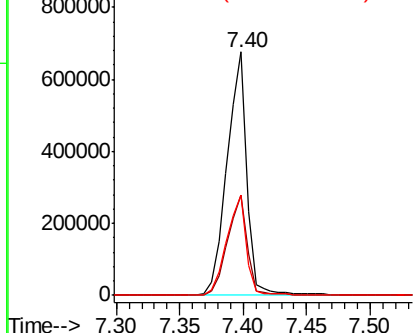
#23
Nitrobenzene-d5
Concen: 108.262 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116897.D
Acq: 9 Sep 2019 15:31

Instrument :
BNA_F
ClientSampleId :
PB122916BL

Tot Ion	82	Resp	730652
Ion Ratio	100	Lower	Upper
128	41.4	32.8	49.2
54	41.2	36.9	55.3

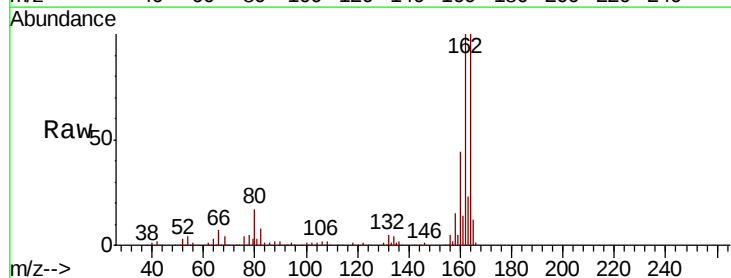


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

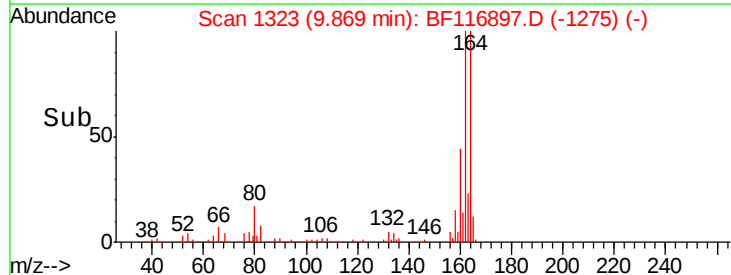
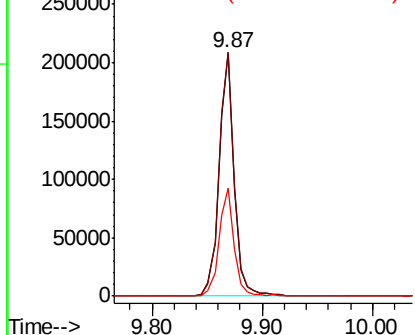


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116897.D
Acq: 9 Sep 2019 15:31

Tgt Ion	164	Resp	196989
Ion Ratio	100	Lower	Upper
162	100.2	81.4	122.0
160	44.2	35.4	53.2



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

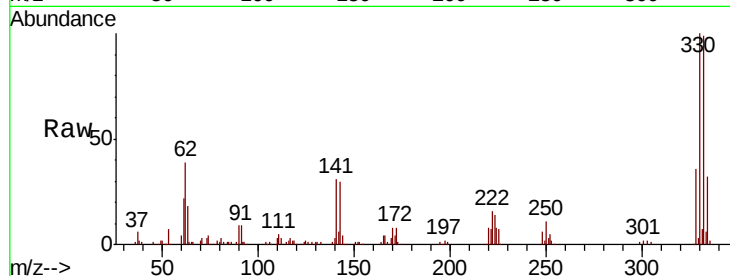




#42
 2,4,6-Tribromophenol
 Concen: 189.400 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116897.D
 Acq: 9 Sep 2019 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB122916BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	43.7	31.4	47.2

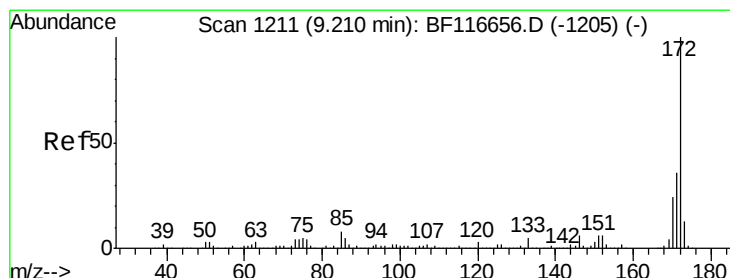
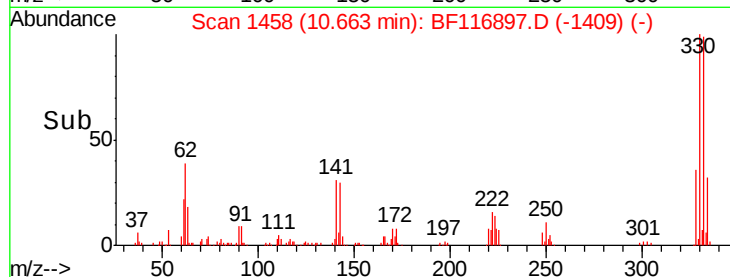
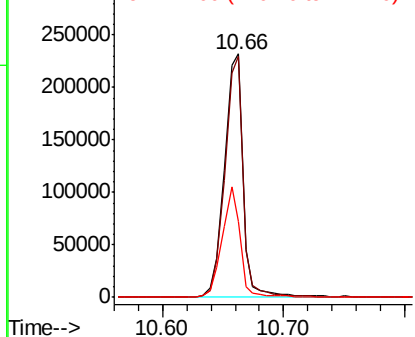


Abundance

Ion 329.80 (329.50 to 330.50): E

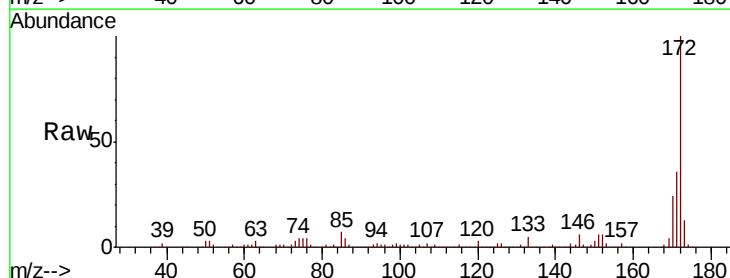
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 108.947 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF116897.D
 Acq: 9 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	23.6	18.9	28.3

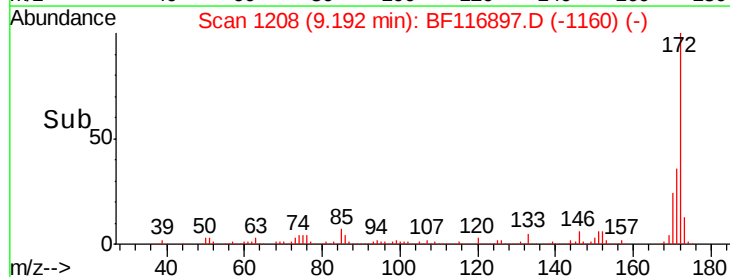
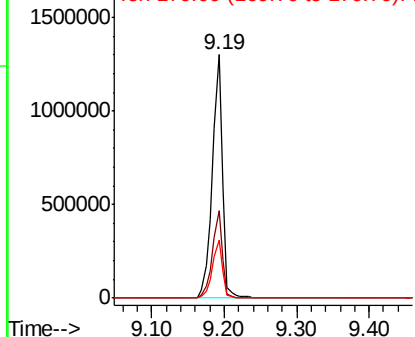


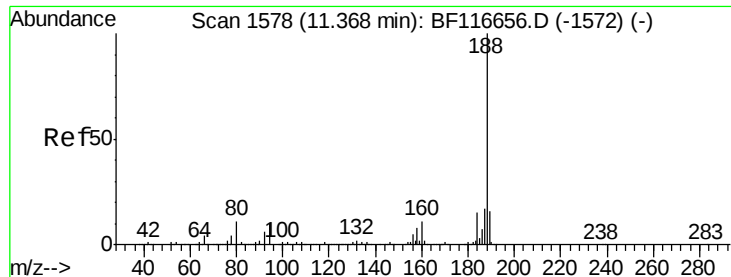
Abundance

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

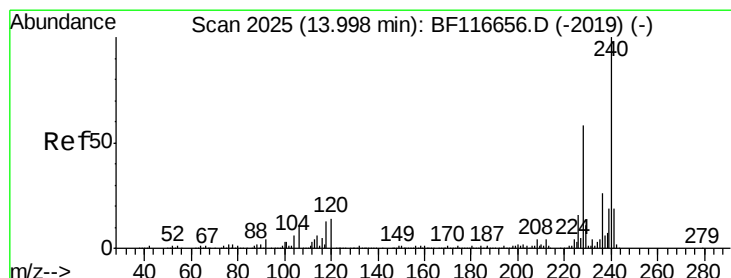
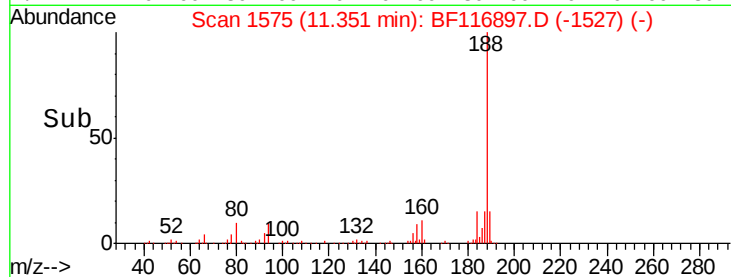
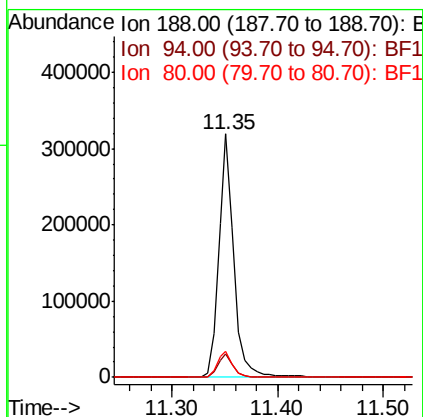
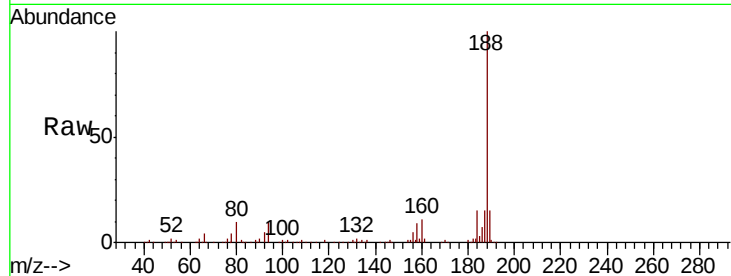




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116897.D
Acq: 9 Sep 2019 15:31

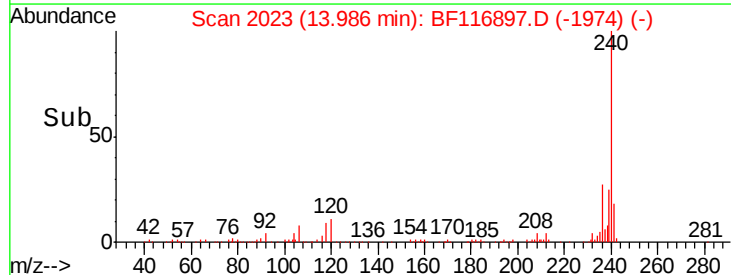
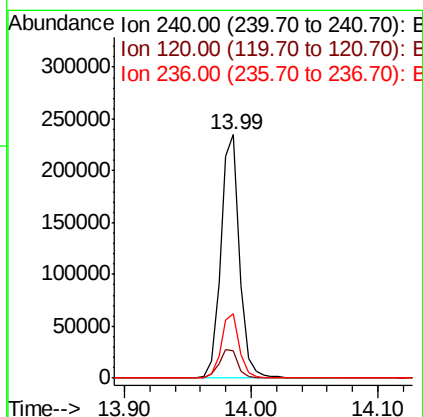
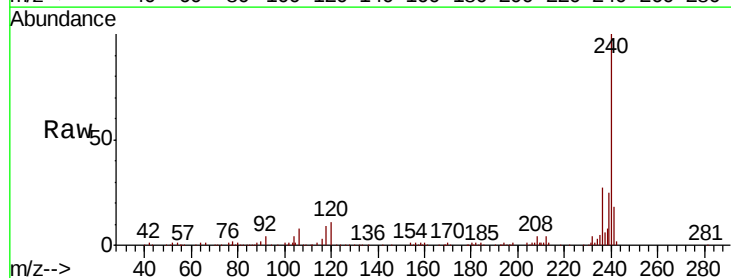
Instrument :
BNA_F
ClientSampleId :
PB122916BL

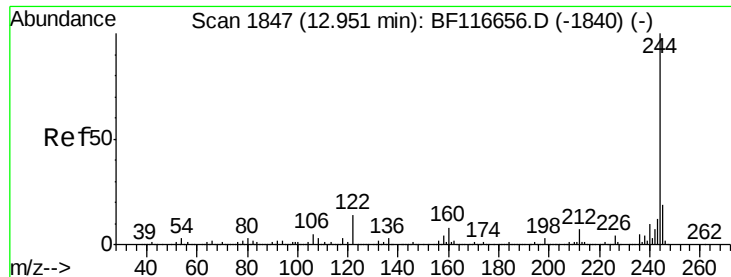
Tot Ion:188 Resp: 319709
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 10.5 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116897.D
Acq: 9 Sep 2019 15:31

Tgt Ion:240 Resp: 240750
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 26.6 21.1 31.7





#79

Terphenyl-d14

Concen: 95.236 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116897.D

Acq: 9 Sep 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB122916BL

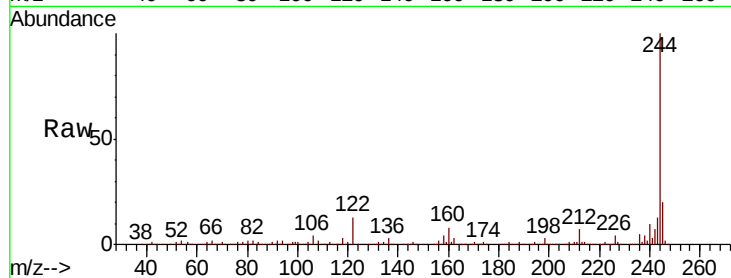
Tot Ion:244 Resp: 1239394

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.5	10.2	15.4

244 100

212 7.2 6.1 9.1

122 12.5 10.2 15.4

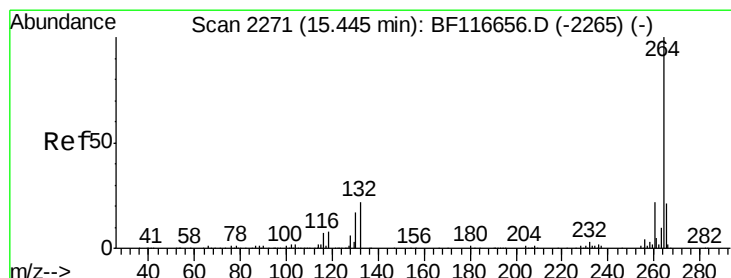
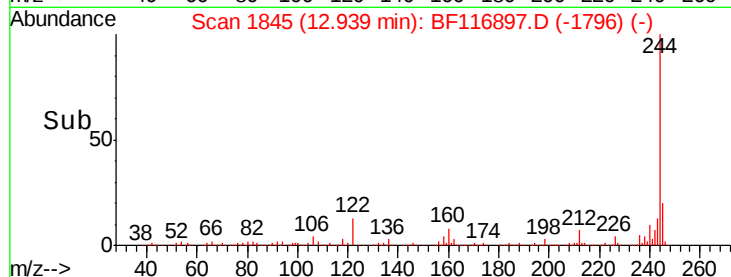
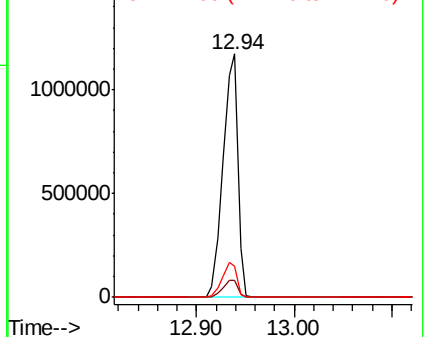


Abundance

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: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF116897.D

Acq: 9 Sep 2019 15:31

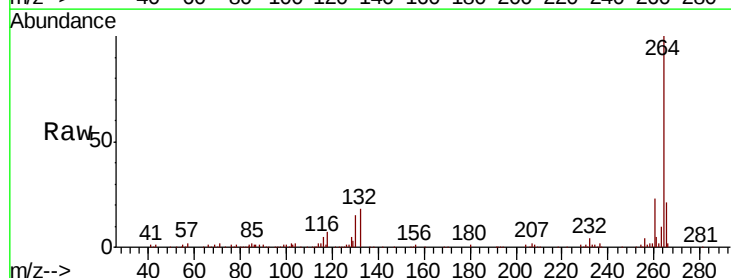
Tgt Ion:264 Resp: 222315

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.2	16.5	24.7

264 100

260 22.8 18.3 27.5

265 21.2 16.5 24.7



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

