

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115819.D
 Acq On : 27 Jul 2019 9:59
 Operator : HP/JU
 Sample : PB121745TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121745TB

Quant Time: Jul 29 01:25:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	193185	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	748923	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	417183	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	757155	20.00	ng	0.00
76) Chrysene-d12	14.03	240	531437	20.00	ng	0.00
87) Perylene-d12	15.50	264	478030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1345694	113.94	ng	0.02
7) Phenol-d6	6.51	99	1746927	116.57	ng	0.00
23) Nitrobenzene-d5	7.43	82	1168331	90.71	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	547258	112.38	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2178751	91.41	ng	0.00
79) Terphenyl-d14	12.98	244	2332563	80.99	ng	0.00

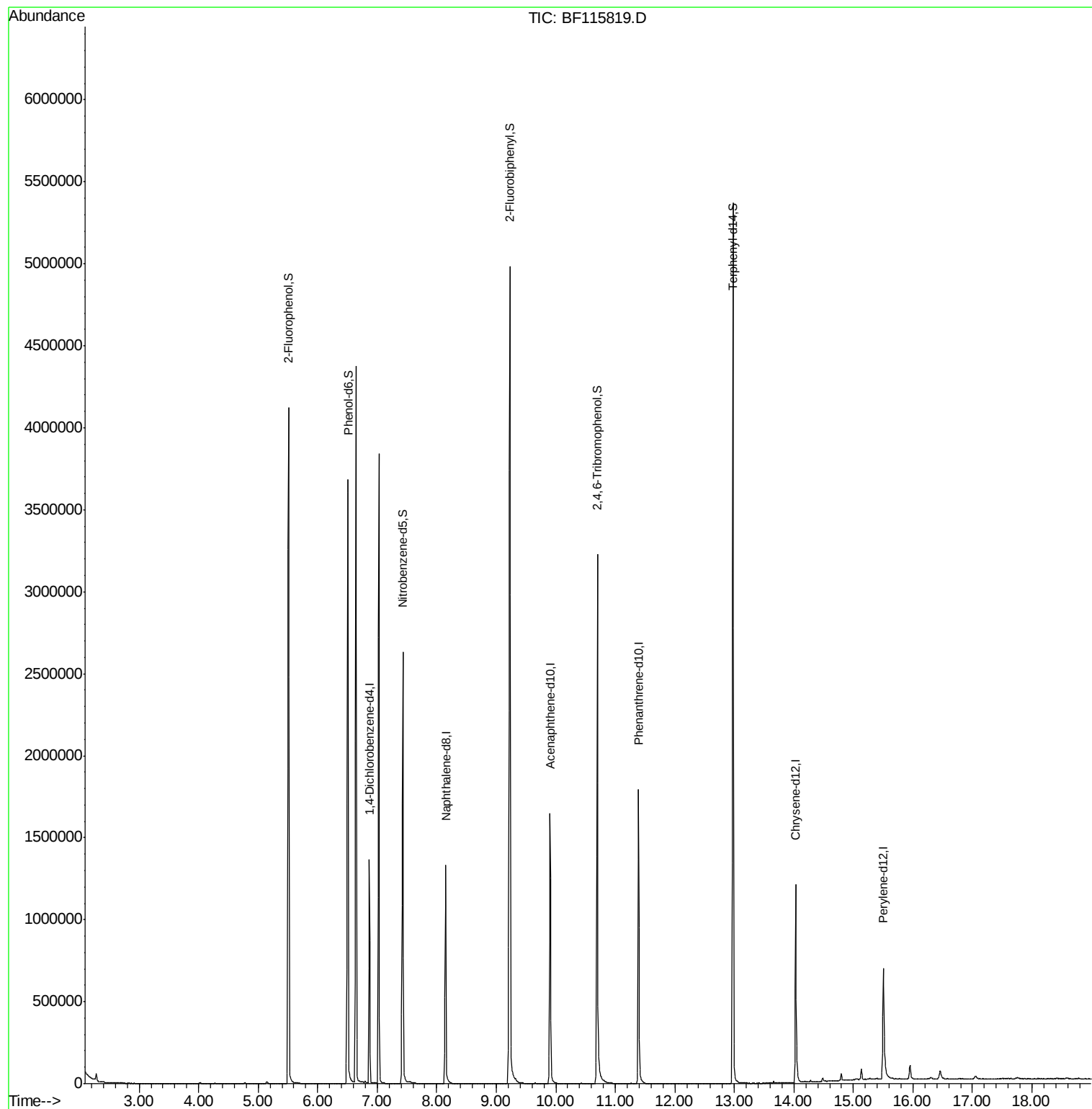
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
Data File : BF115819.D
Acq On : 27 Jul 2019 9:59
Operator : HP/JU
Sample : PB121745TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121745TB

Quant Time: Jul 29 01:25:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration



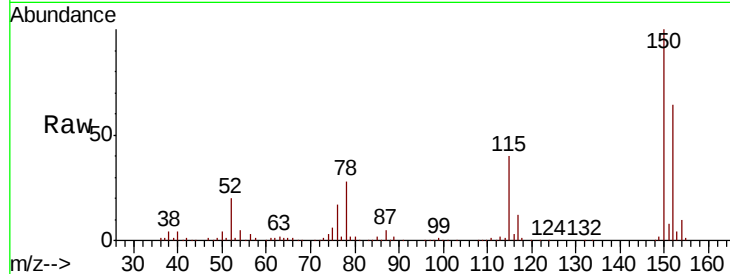


#1

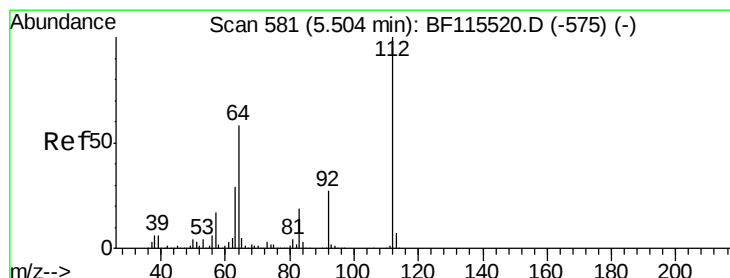
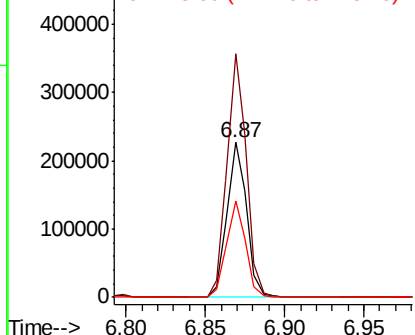
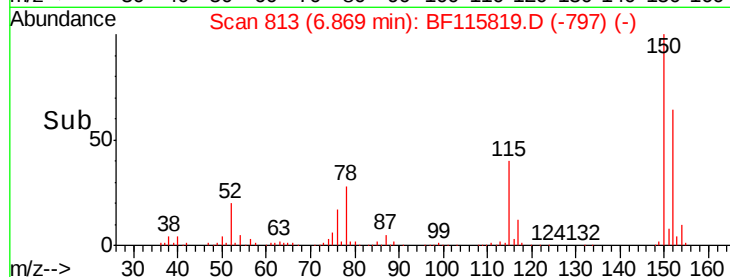
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115819.D
 Acq: 27 Jul 2019 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121745TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	62.5	47.8	71.6



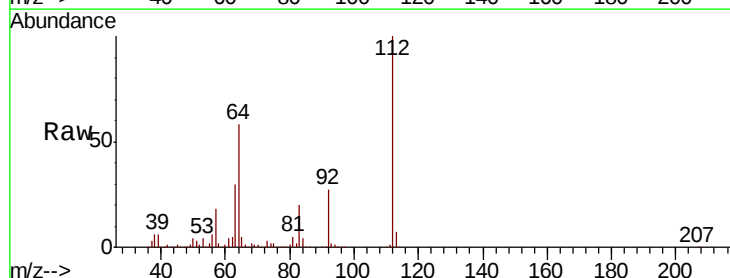
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



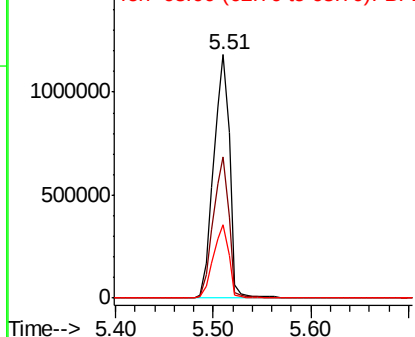
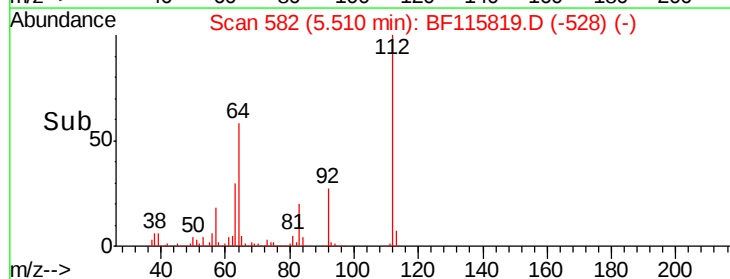
#5

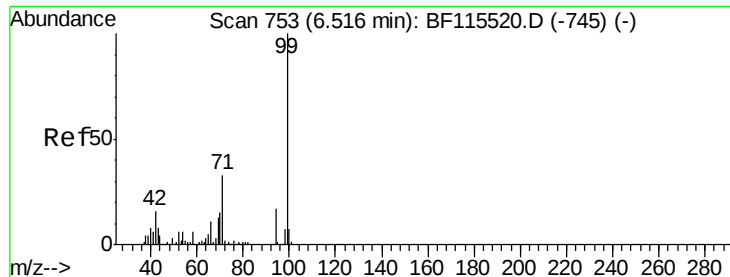
2-Fluorophenol
 Concen: 113.941 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF115819.D
 Acq: 27 Jul 2019 9:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.8	68.8
63	30.4	23.6	35.4



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: 116.570 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115819.D

Acq: 27 Jul 2019 9:59

Instrument :

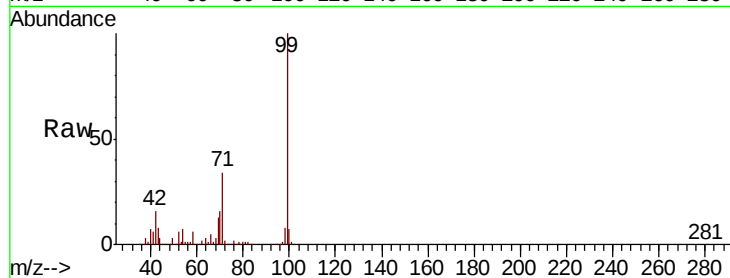
BNA_F

ClientSampleId :

PB121745TB

Tot Ion: 99 Resp: 1746927

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.2
71	33.8	26.7	40.1

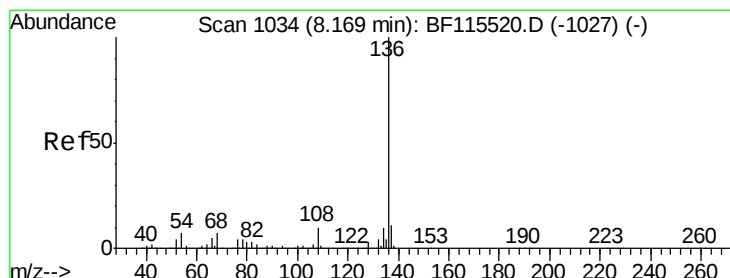
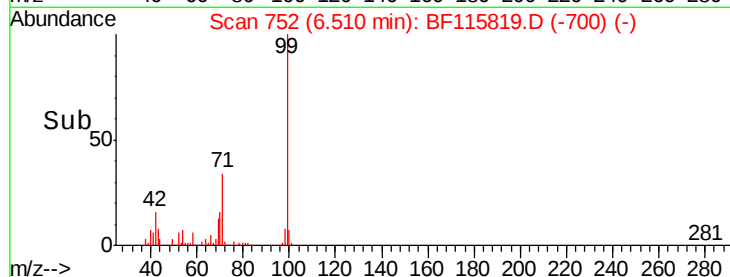
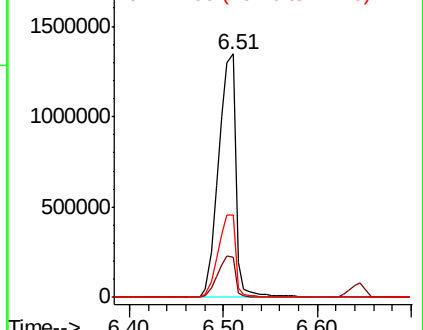


Abundance

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: 8.15 min Scan# 1031

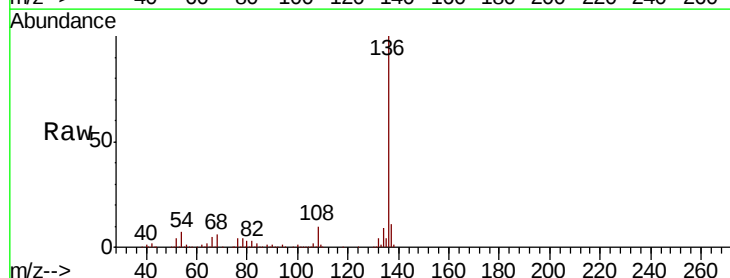
Delta R.T. -0.01 min

Lab File: BF115819.D

Acq: 27 Jul 2019 9:59

Tgt Ion: 136 Resp: 748923

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.7	5.0	7.6
68	5.9	4.7	7.1



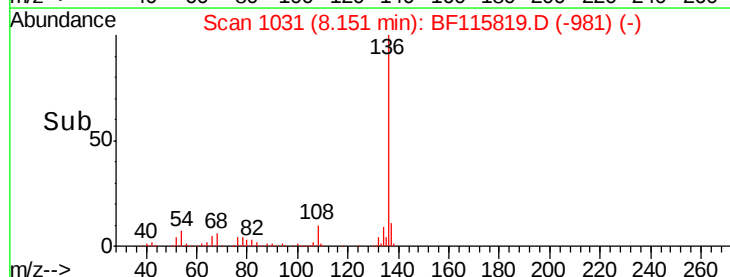
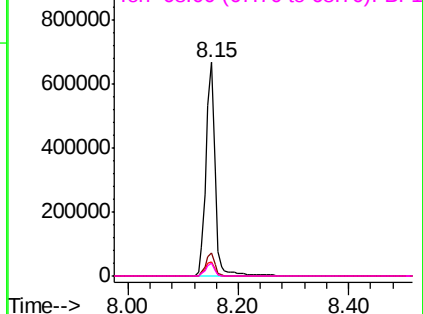
Abundance

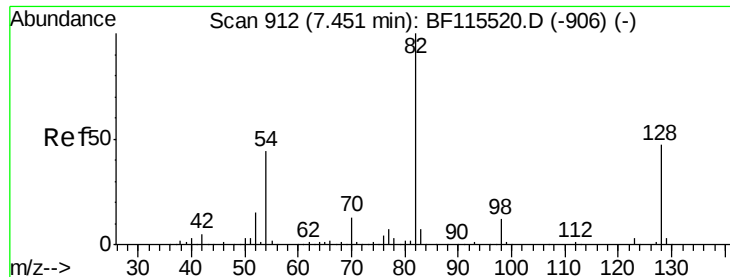
Ion 136.00 (135.70 to 136.70): E

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

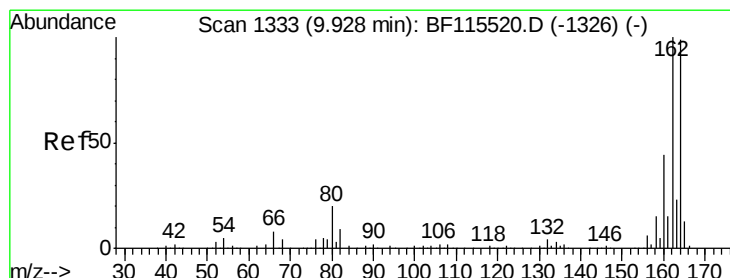
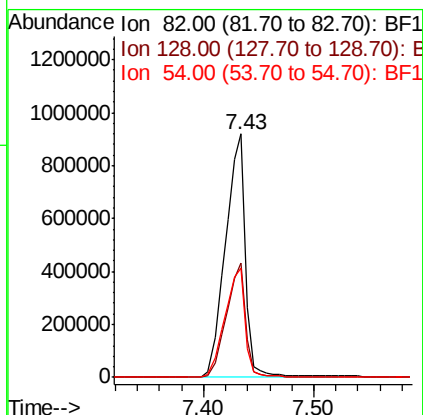
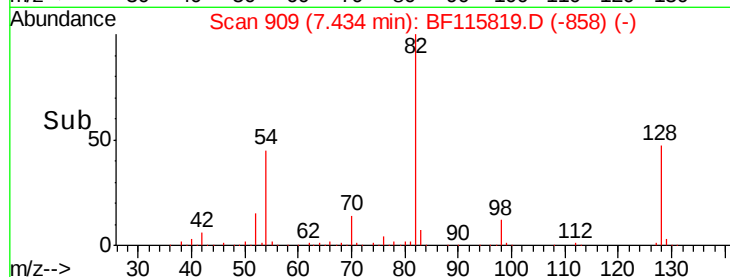
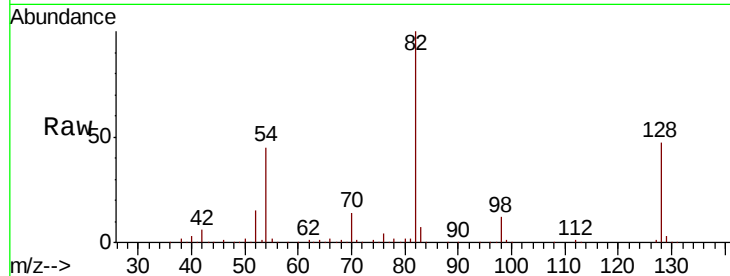




#23
 Nitrobenzene-d5
 Concen: 90.710 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115819.D
 Acq: 27 Jul 2019 9:59

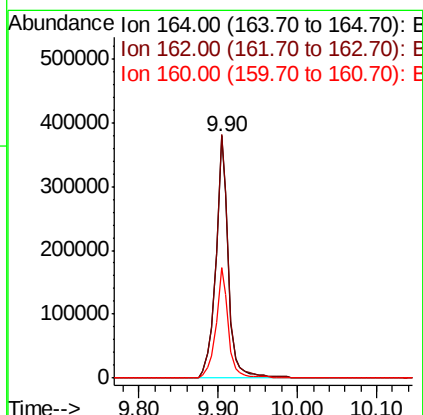
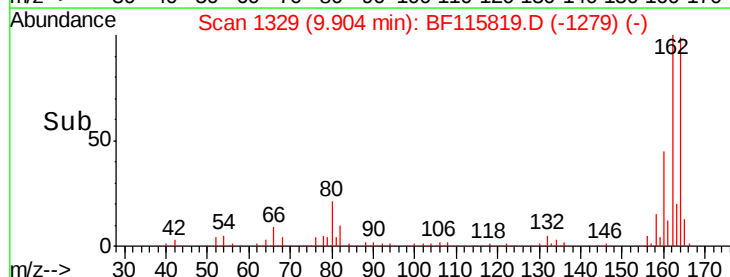
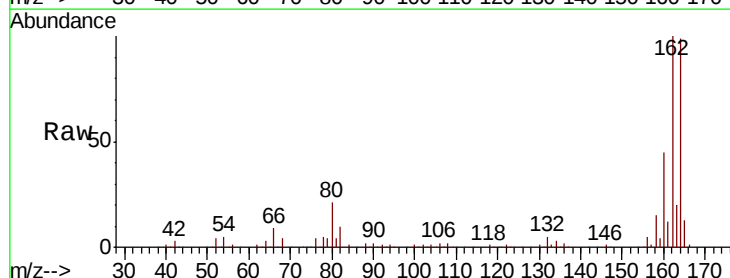
Instrument :
 BNA_F
 ClientSampleId :
 PB121745TB

Tot Ion: 82 Resp: 1168331
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.6 55.0
 54 44.7 36.6 54.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115819.D
 Acq: 27 Jul 2019 9:59

Tgt Ion: 164 Resp: 417183
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.8 122.6
 160 45.5 37.5 56.3

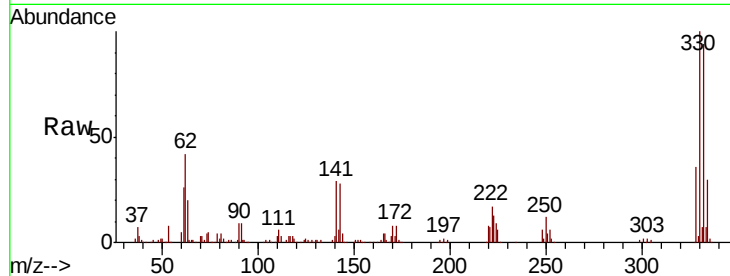




#42
 2,4,6-Tribromophenol
 Concen: 112.384 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF115819.D
 Acq: 27 Jul 2019 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121745TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.1	114.1
141	32.2	25.9	38.9

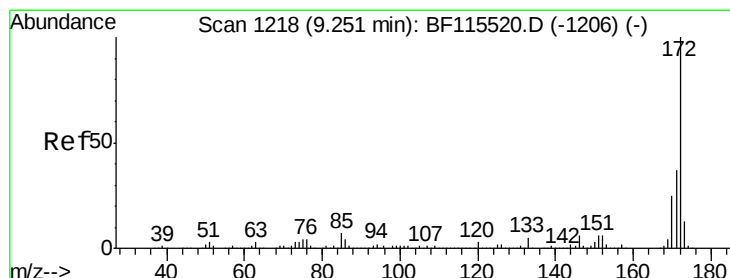
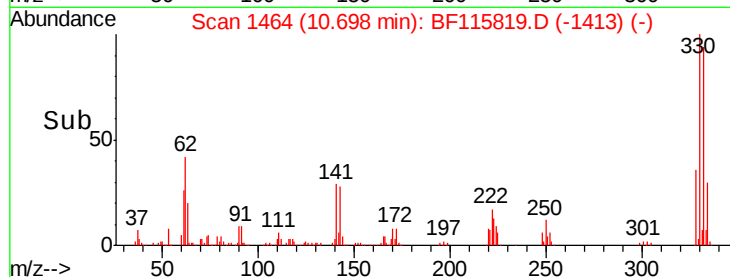
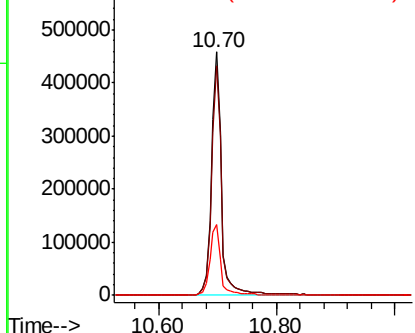


Abundance

Ion 329.80 (329.50 to 330.50): E

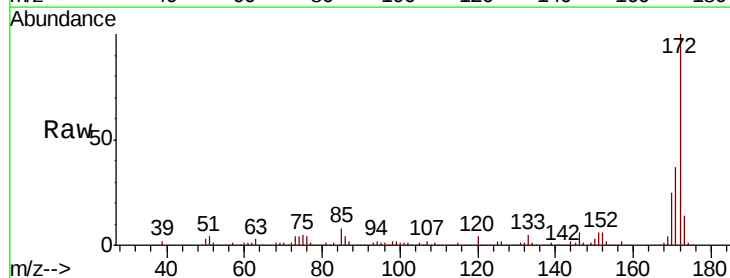
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.409 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115819.D
 Acq: 27 Jul 2019 9:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.4
170	25.2	20.1	30.1

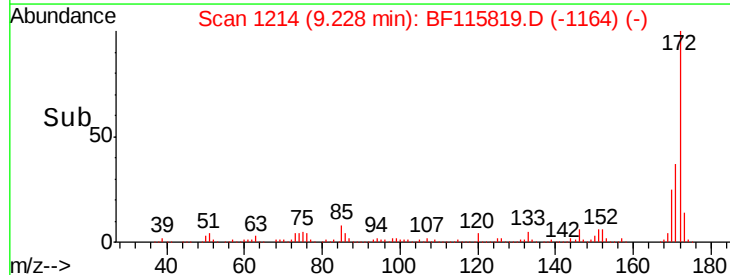
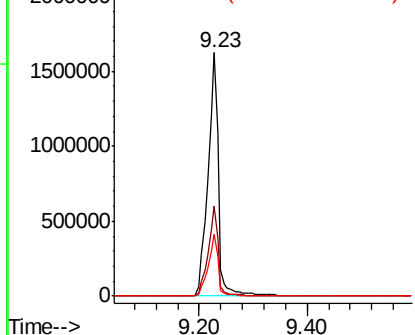


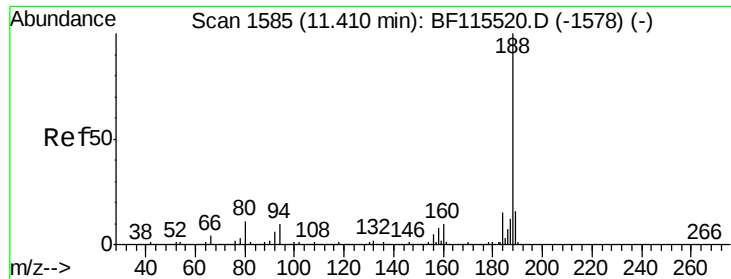
Abundance

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

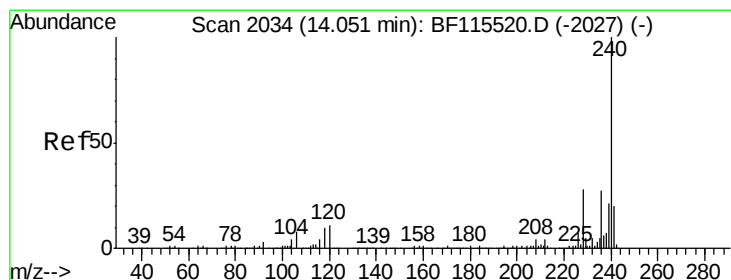
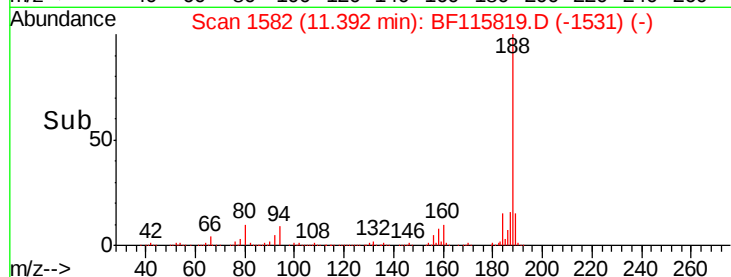
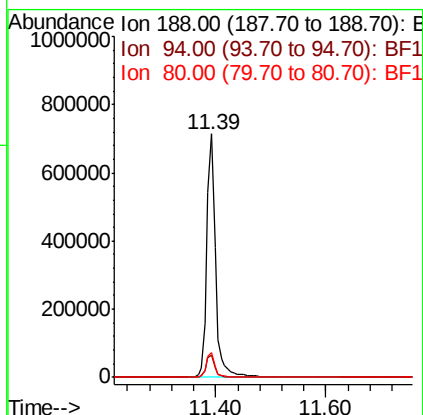
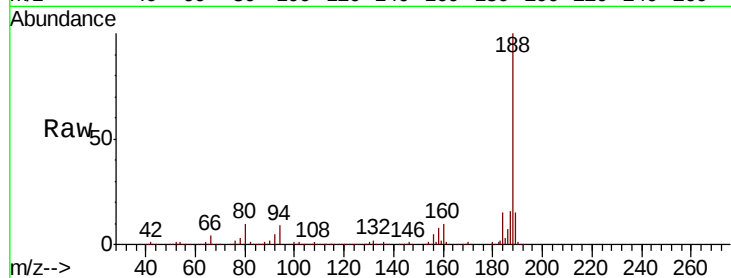




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115819.D
Acq: 27 Jul 2019 9:59

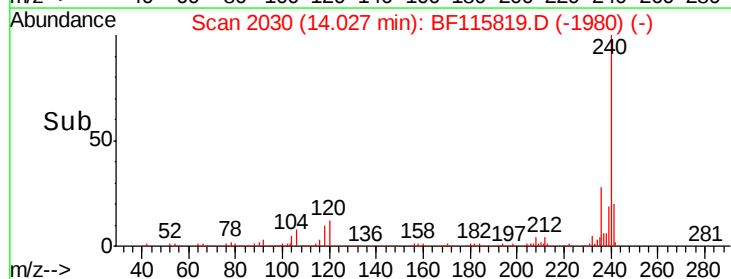
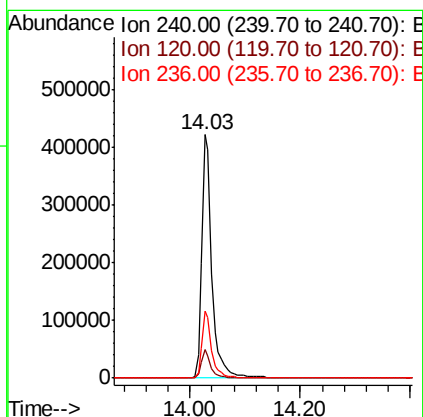
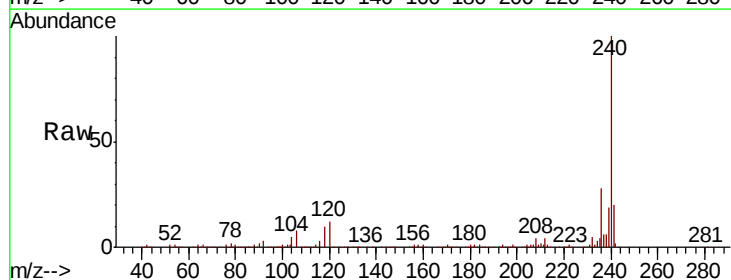
Instrument :
BNA_F
ClientSampleId :
PB121745TB

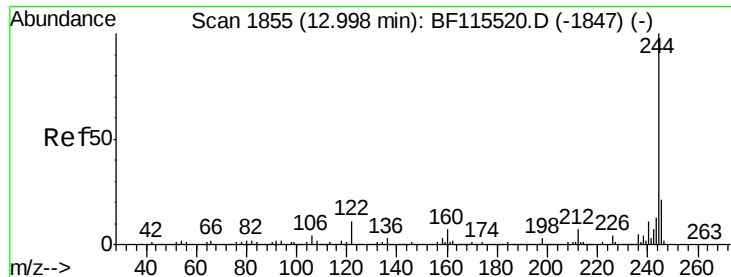
Tot Ion:188 Resp: 757155
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 10.1 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115819.D
Acq: 27 Jul 2019 9:59

Tgt Ion:240 Resp: 531437
Ion Ratio Lower Upper
240 100
120 11.9 10.0 15.0
236 27.6 21.8 32.6





#79

Terphenyl-d14

Concen: 80.987 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF115819.D

Acq: 27 Jul 2019 9:59

Instrument :

BNA_F

ClientSampleID :

PB121745TB

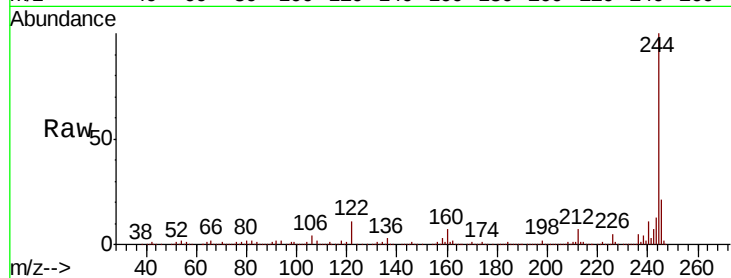
Tot Ion:244 Resp: 2332563

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

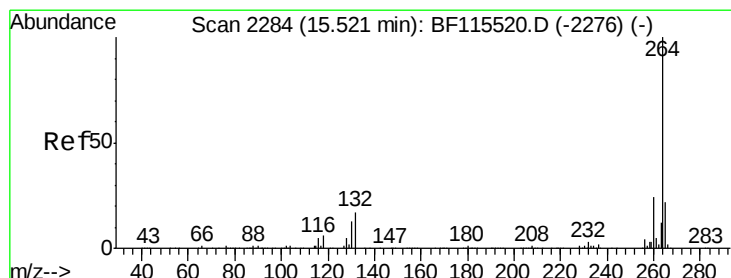
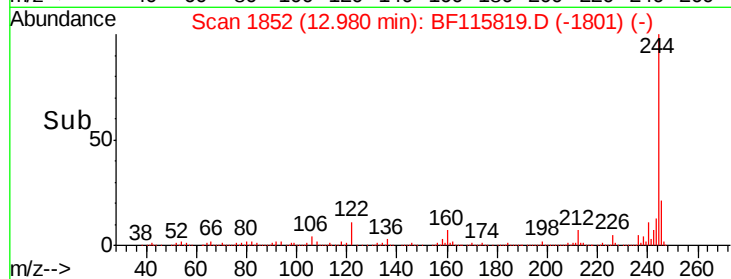
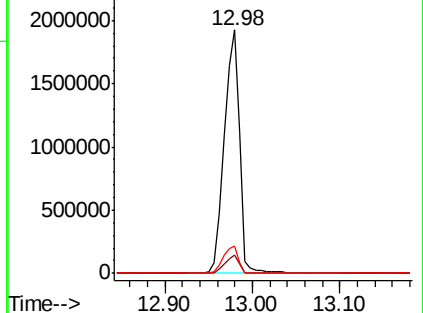
122 11.1 8.2 12.4



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: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF115819.D

Acq: 27 Jul 2019 9:59

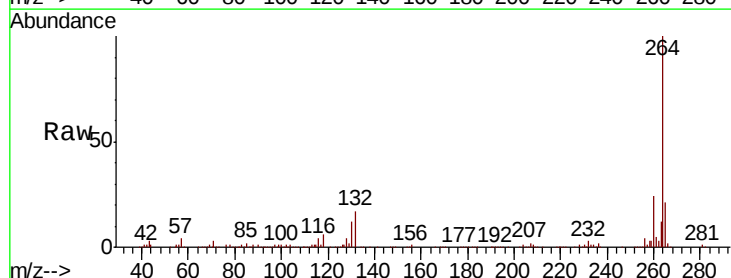
Tgt Ion:264 Resp: 478030

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 21.4 17.5 26.3



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

