

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115743.D
 Acq On : 24 Jul 2019 10:18
 Operator : HP/JU
 Sample : PB121641BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BL

Quant Time: Jul 24 16:50:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 16:36:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171933	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	666566	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	370524	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	674564	20.00	ng	0.00
76) Chrysene-d12	14.03	240	468270	20.00	ng	0.00
87) Perylene-d12	15.50	264	415213	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	900232	85.64	ng	0.00
7) Phenol-d6	6.50	99	1115216	83.61	ng	0.00
23) Nitrobenzene-d5	7.43	82	1053256	91.88	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	330676	76.46	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1868108	88.25	ng	0.00
79) Terphenyl-d14	12.98	244	1938880	76.40	ng	0.00

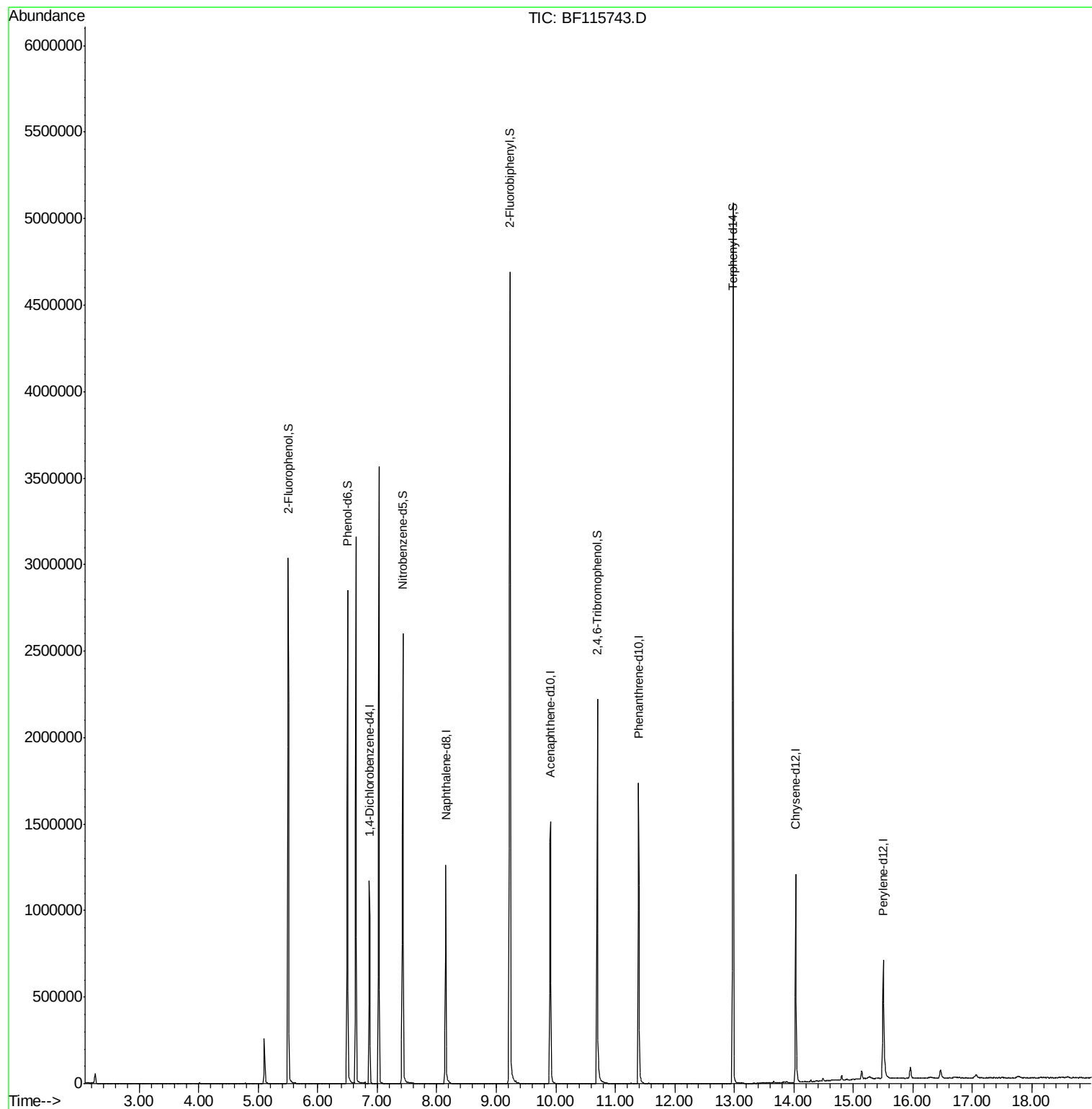
Target Compounds Qvalue

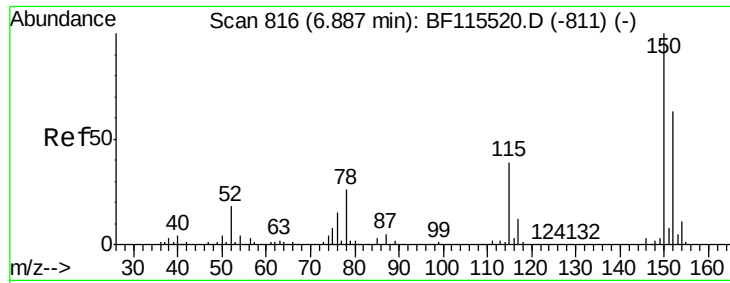
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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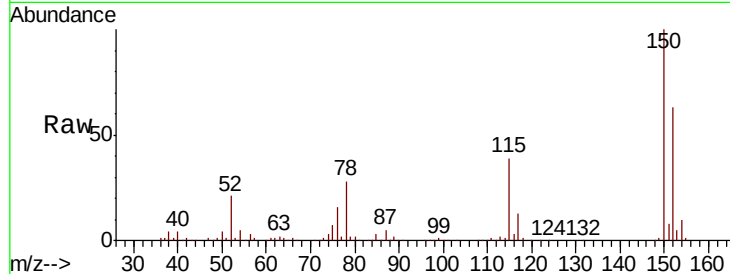


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115743.D
 Acq: 24 Jul 2019 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	122.8	184.2
115	62.6	48.2	72.2

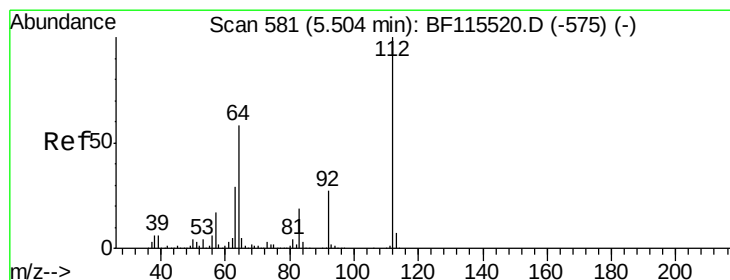
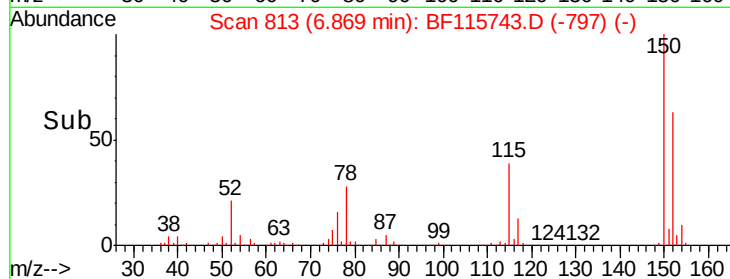
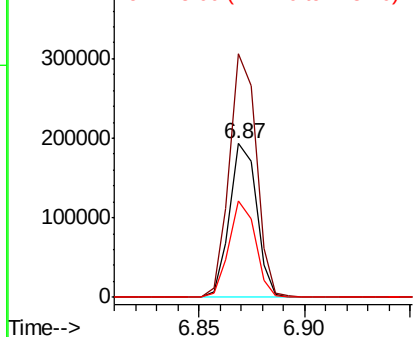


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

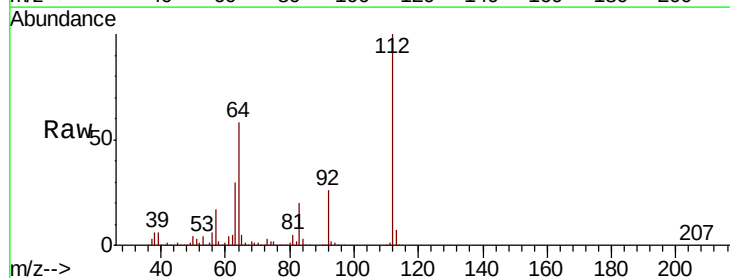
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 85.645 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF115743.D
 Acq: 24 Jul 2019 10:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	43.8	65.8
63	29.5	22.5	33.7

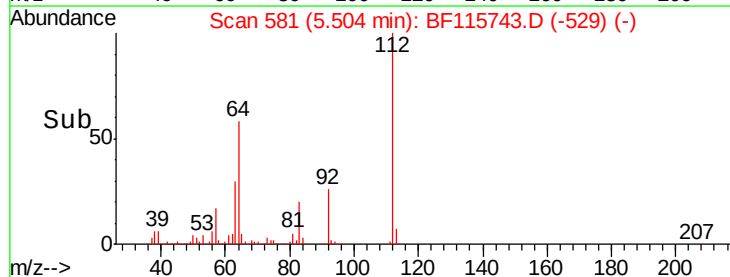
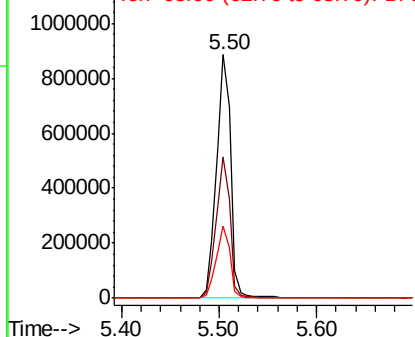


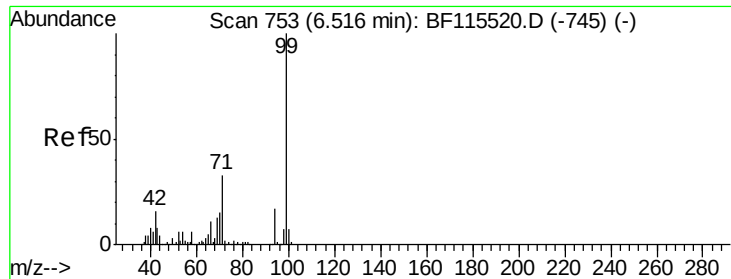
Abundance

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: 83.615 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115743.D

Acq: 24 Jul 2019 10:18

Instrument :

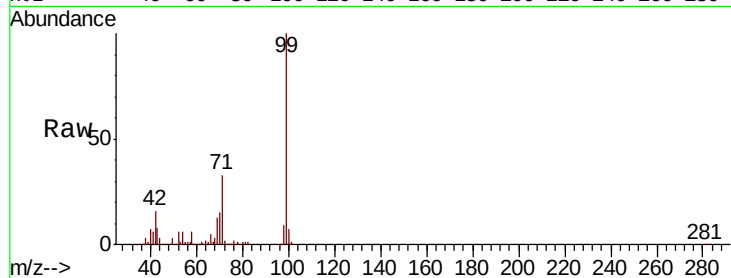
BNA_F

ClientSampleId :

PB121641BL

Tot Ion: 99 Resp: 1115216

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	33.1	25.9	38.9

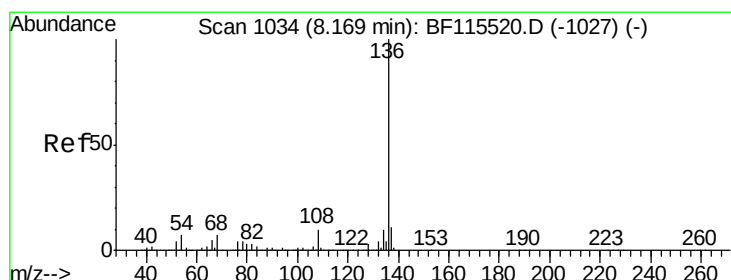
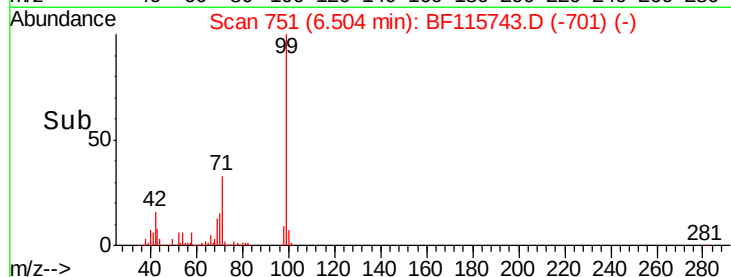


Abundance

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: 8.15 min Scan# 1031

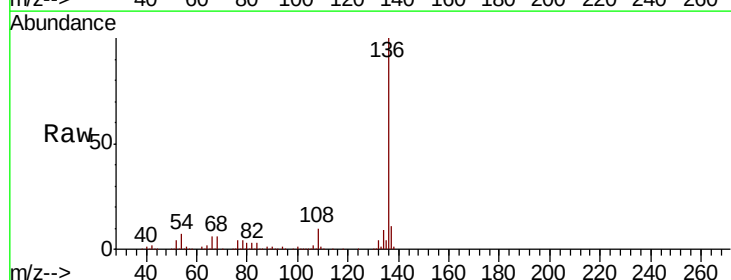
Delta R.T. -0.01 min

Lab File: BF115743.D

Acq: 24 Jul 2019 10:18

Tgt Ion: 136 Resp: 666566

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.0	5.4	8.0
68	6.4	4.9	7.3



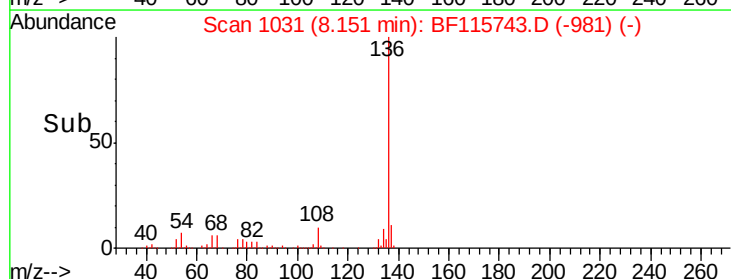
Abundance

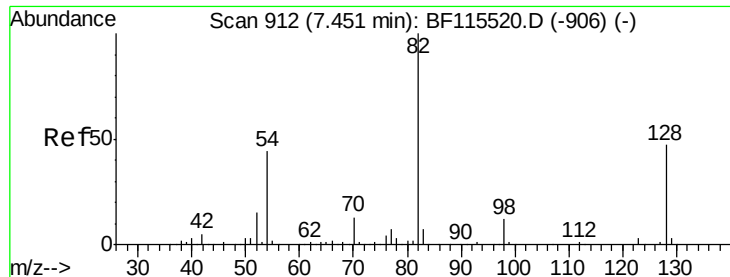
Ion 136.00 (135.70 to 136.70): E

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

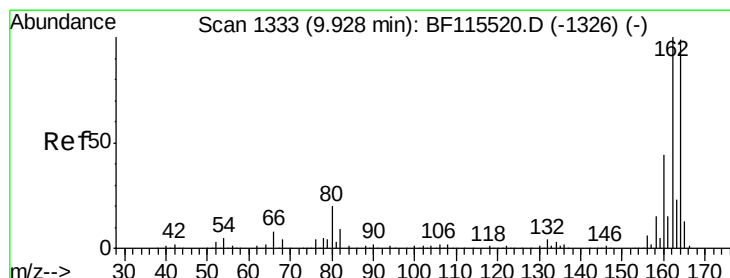
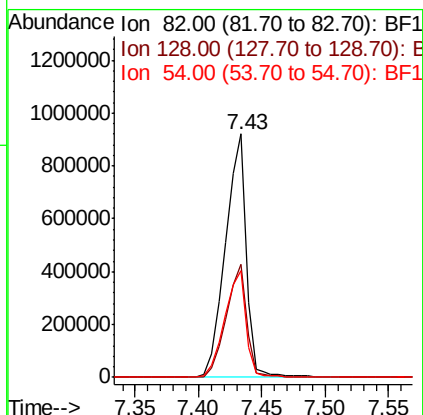
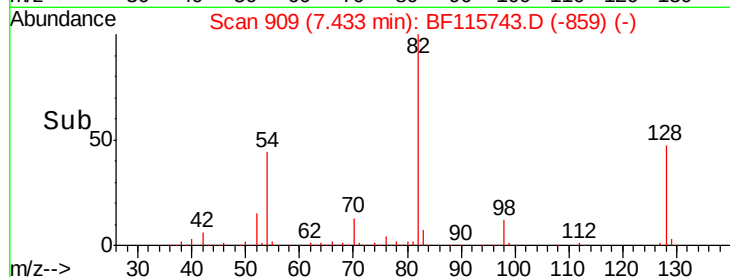
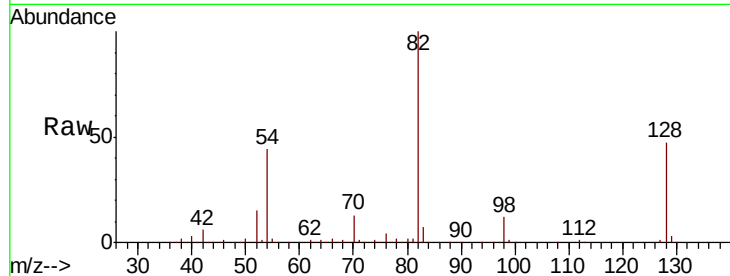




#23
 Nitrobenzene-d5
 Concen: 91.879 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF115743.D
 Acq: 24 Jul 2019 10:18

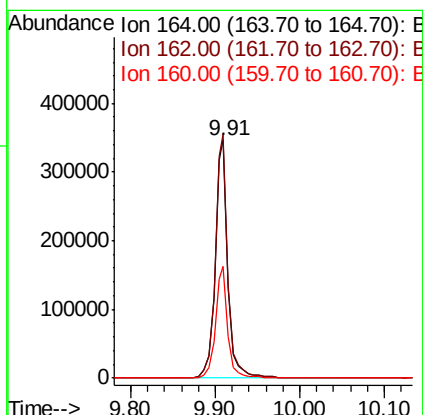
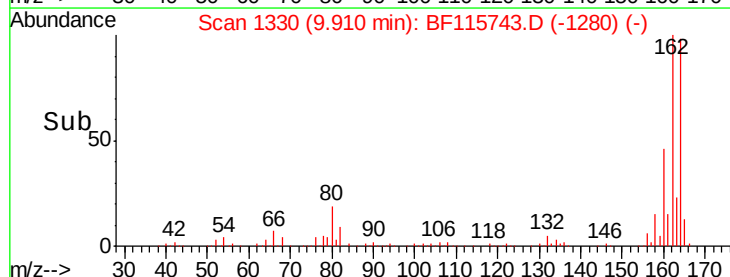
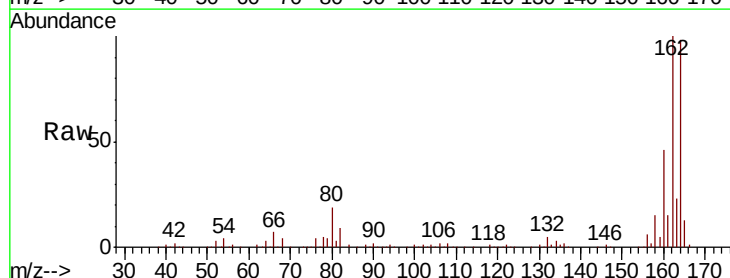
Instrument :
 BNA_F
 ClientSampleId :
 PB121641BL

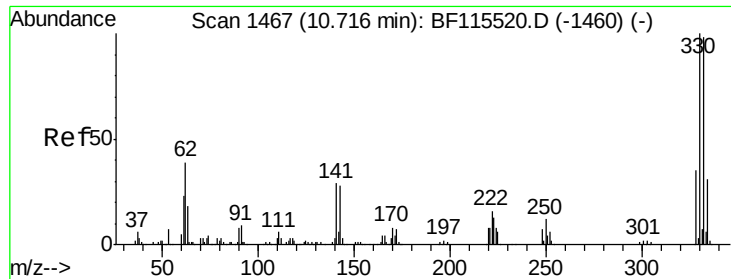
Tot Ion: 82 Resp: 1053256
 Ion Ratio Lower Upper
 82 100
 128 46.5 38.0 57.0
 54 43.9 35.6 53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF115743.D
 Acq: 24 Jul 2019 10:18

Tgt Ion:164 Resp: 370524
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.8 122.8
 160 46.9 37.8 56.8

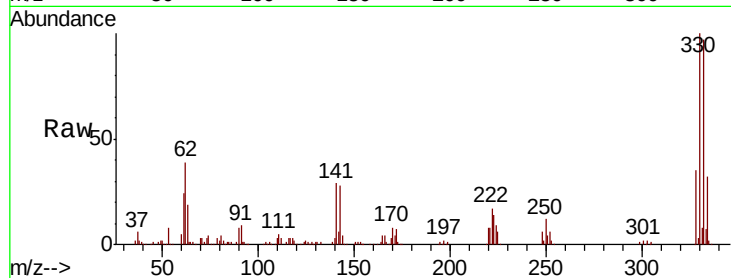




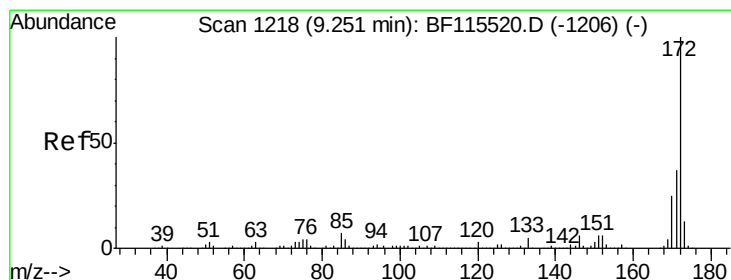
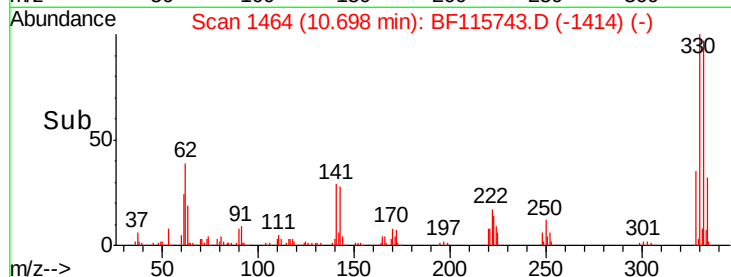
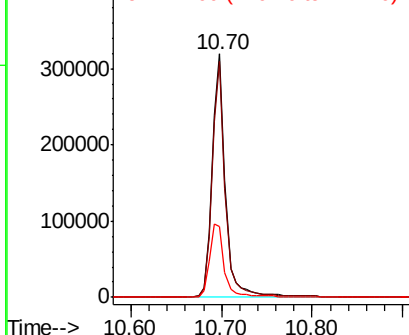
#42
 2,4,6-Tribromophenol
 Concen: 76.458 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF115743.D
 Acq: 24 Jul 2019 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BL

Tot Ion:330 Resp: 330676
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.7 115.1
 141 34.3 25.6 38.4

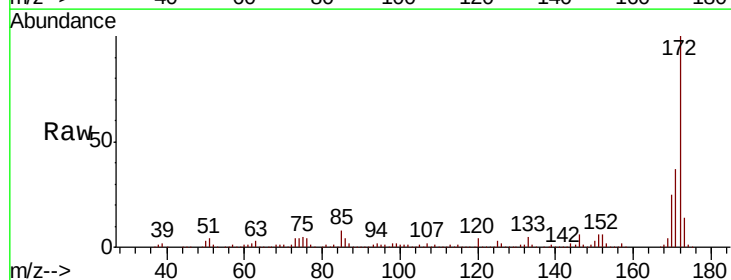


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

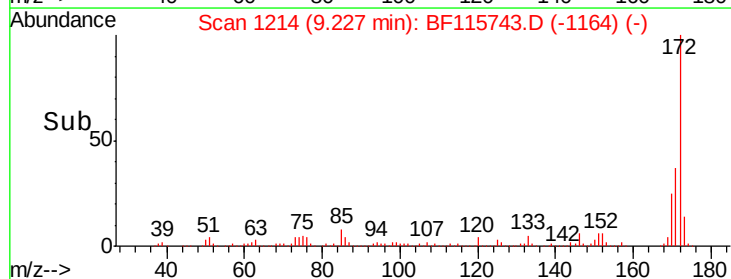
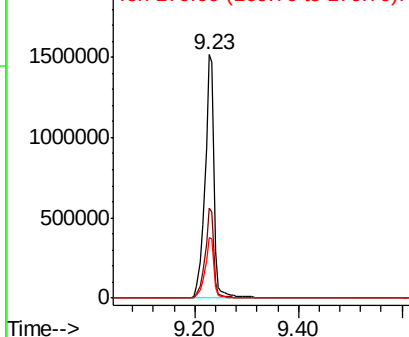


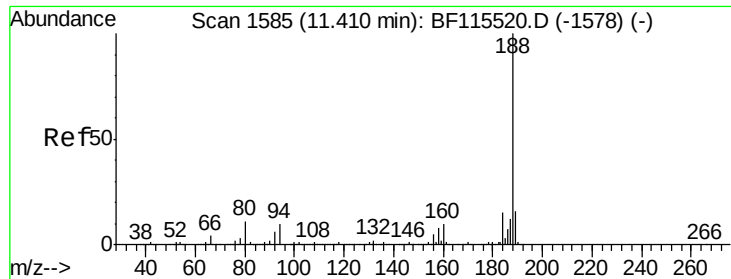
#45
 2-Fluorobiphenyl
 Concen: 88.246 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115743.D
 Acq: 24 Jul 2019 10:18

Tgt Ion:172 Resp: 1868108
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.5 44.3
 170 24.8 20.0 30.0



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

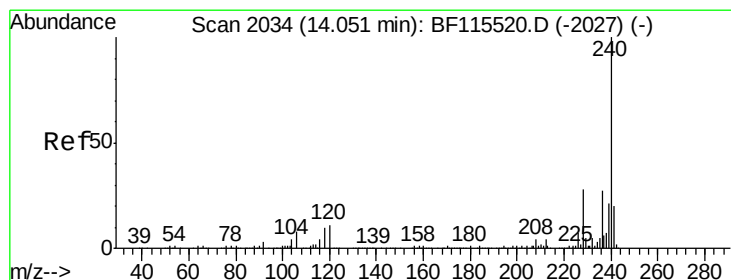
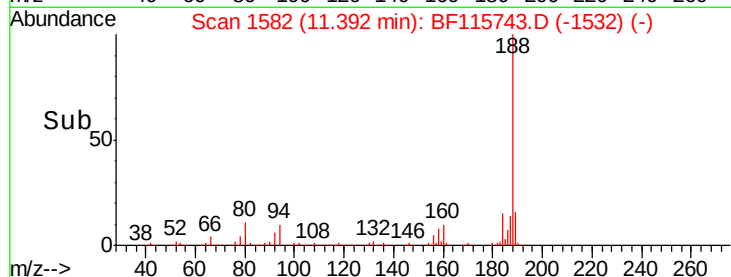
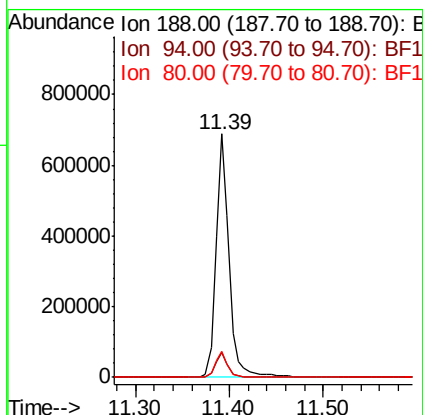
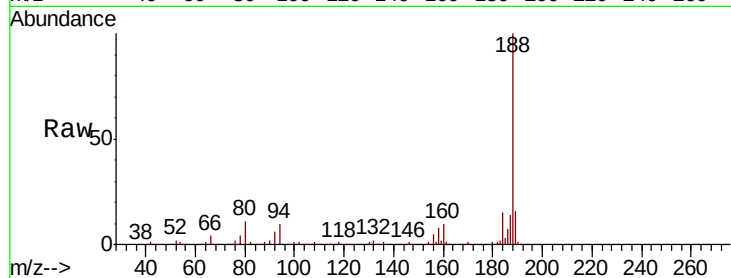




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF115743.D
Acq: 24 Jul 2019 10:18

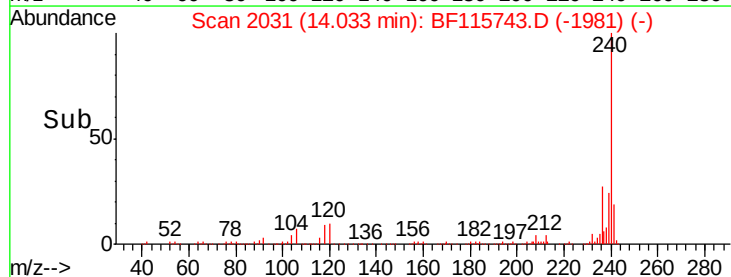
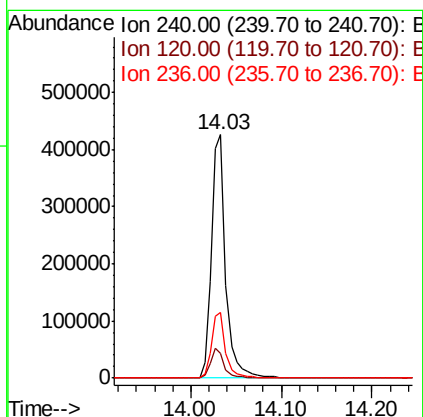
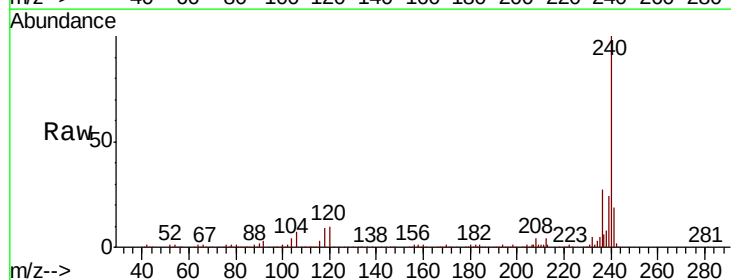
Instrument :
BNA_F
ClientSampleId :
PB121641BL

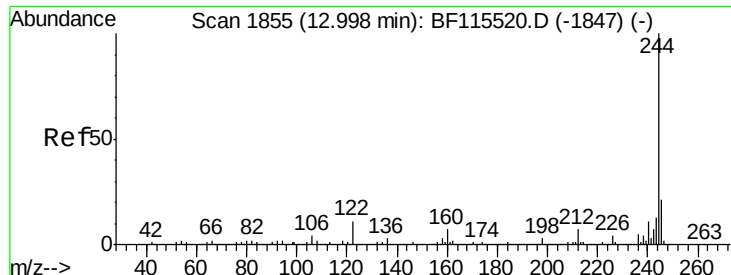
Tot Ion:188 Resp: 674564
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 10.7 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115743.D
Acq: 24 Jul 2019 10:18

Tgt Ion:240 Resp: 468270
Ion Ratio Lower Upper
240 100
120 10.3 10.3 15.5#
236 26.8 21.9 32.9





#79

Terphenyl-d14

Concen: 76.400 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF115743.D

Acq: 24 Jul 2019 10:18

Instrument :

BNA_F

ClientSampleId :

PB121641BL

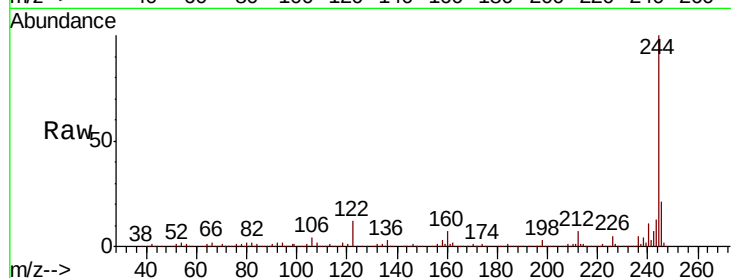
Tot Ion:244 Resp: 1938880

Ion Ratio Lower Upper

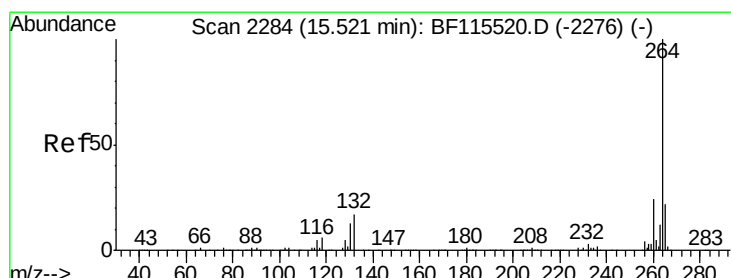
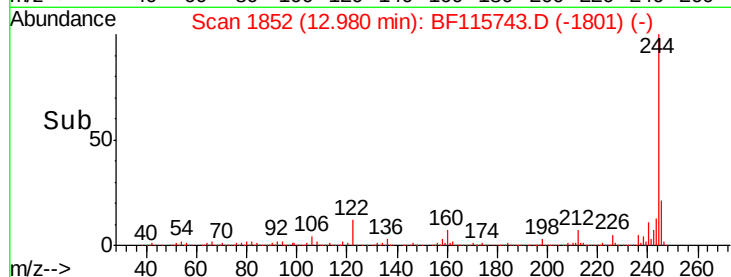
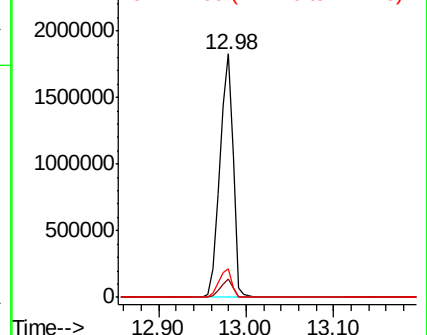
244 100

212 7.3 5.7 8.5

122 11.6 9.4 14.0



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: BF115743.D

Acq: 24 Jul 2019 10:18

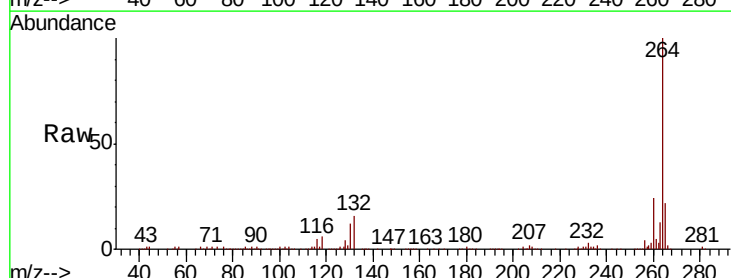
Tgt Ion:264 Resp: 415213

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.1 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

