

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116191.D
 Acq On : 12 Aug 2019 14:55
 Operator : HP/JU
 Sample : K4092-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-B

Quant Time: Aug 12 15:26:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	130797	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	496656	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	273411	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	507525	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	446685	20.00	ng	-0.01
87) Perylene-d12	15.46	264	434979	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	947379	121.25	ng	0.00
7) Phenol-d6	6.47	99	1124406	114.06	ng	-0.01
23) Nitrobenzene-d5	7.40	82	849306	98.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	401764	151.56	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1454021	99.61	ng	-0.02
79) Terphenyl-d14	12.94	244	1829314	86.29	ng	-0.01

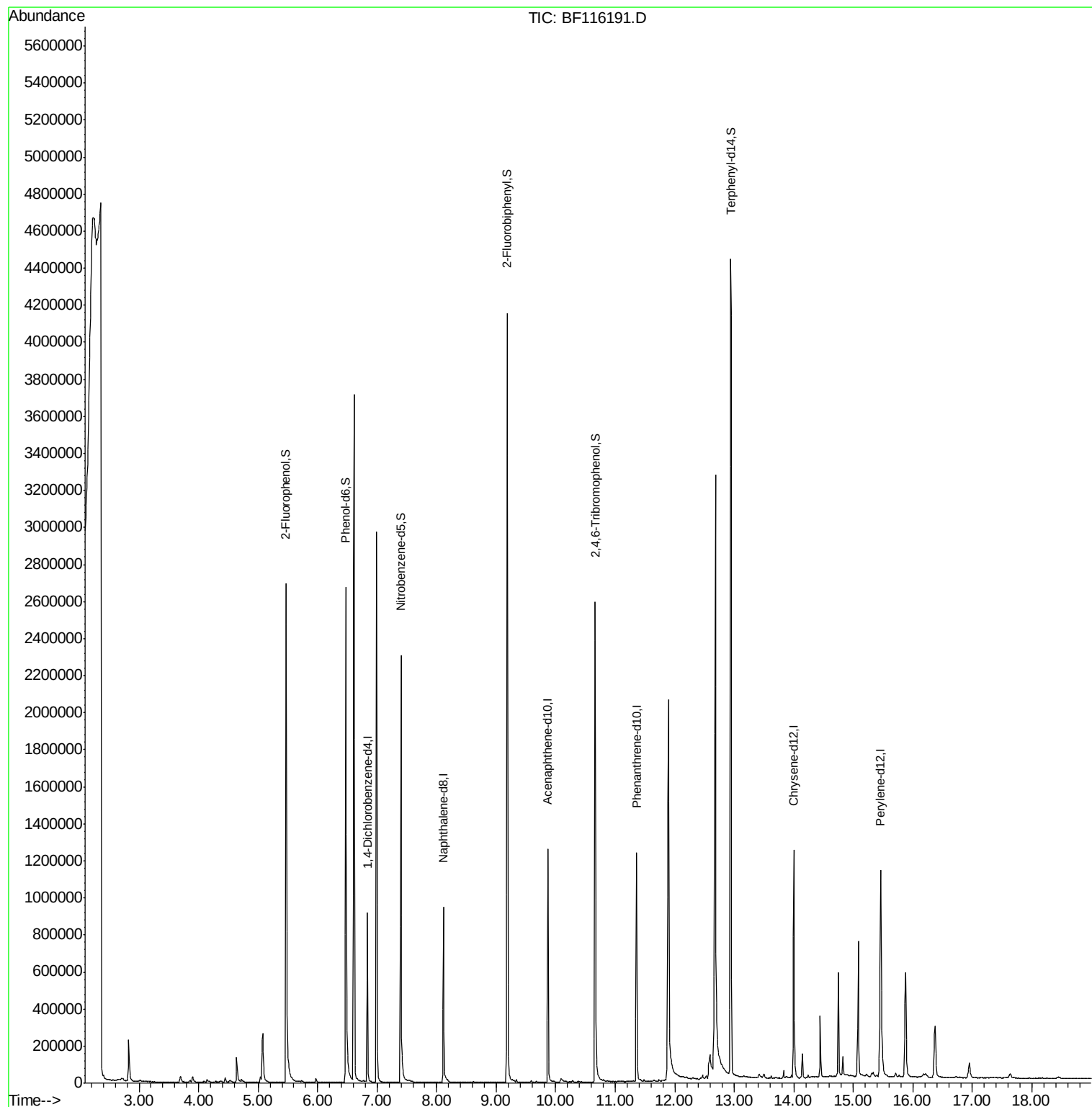
Target Compounds Qvalue

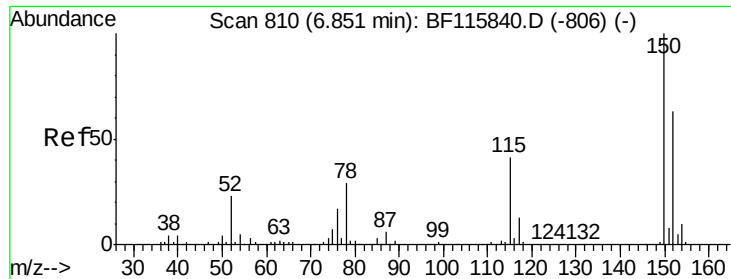
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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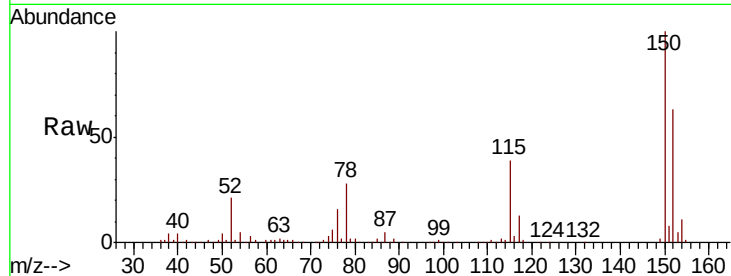




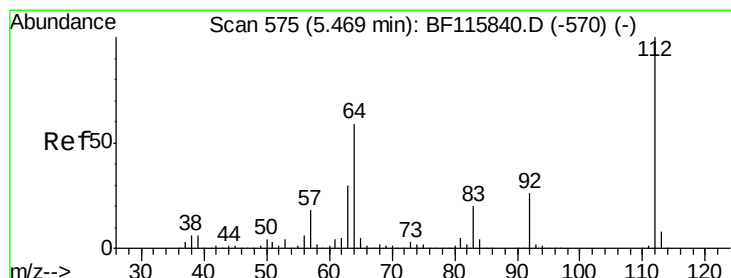
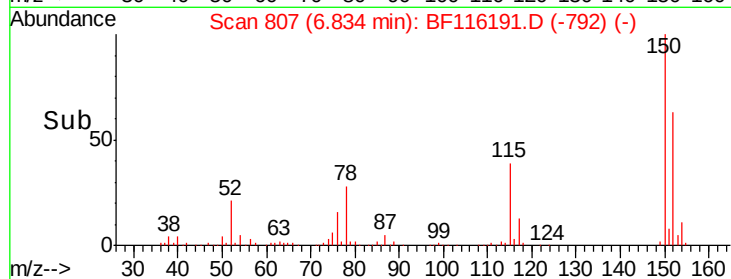
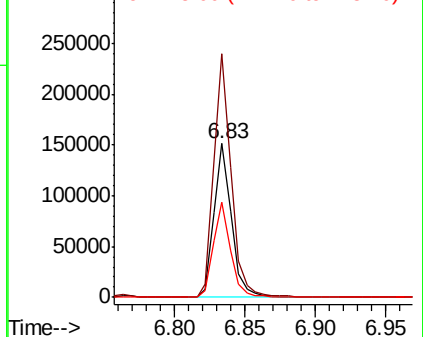
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-B

Tot Ion:152 Resp: 130797
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.2 189.2
 115 62.2 49.9 74.9

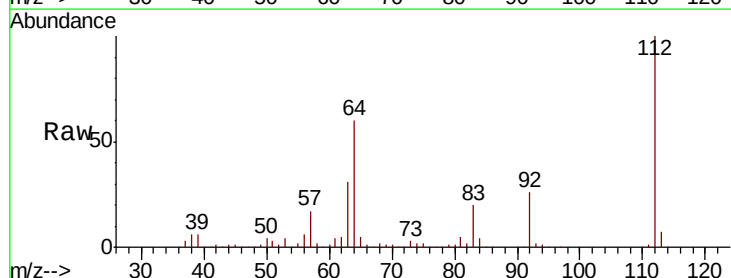


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

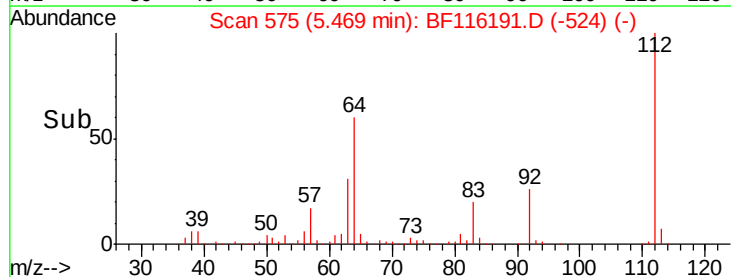
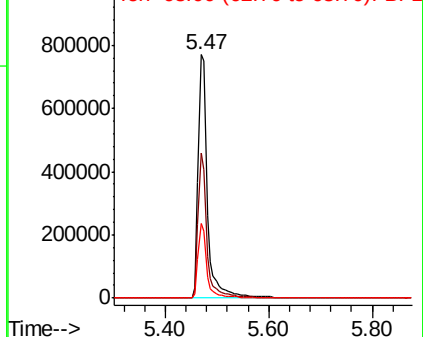


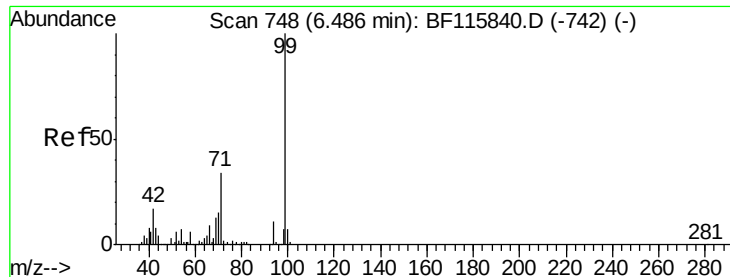
#5
 2-Fluorophenol
 Concen: 121.254 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

Tgt Ion:112 Resp: 947379
 Ion Ratio Lower Upper
 112 100
 64 59.8 45.4 68.2
 63 30.7 23.7 35.5



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: 114.064 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116191.D

Acq: 12 Aug 2019 14:55

Instrument :

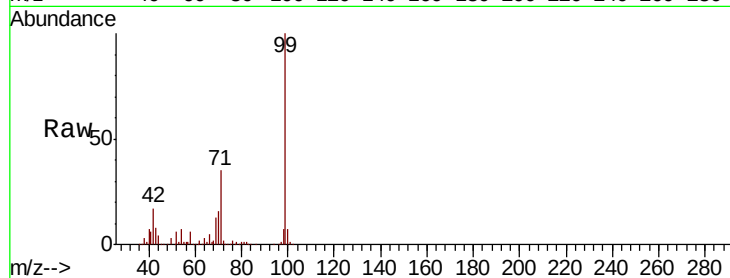
BNA_F

ClientSampleId :

EO-01-080719-B

Tot Ion: 99 Resp: 1124406

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.8
71	34.6	27.3	40.9

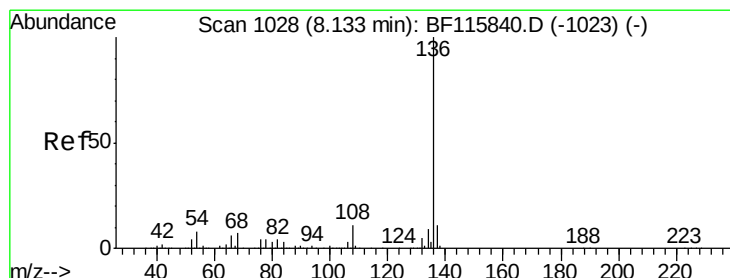
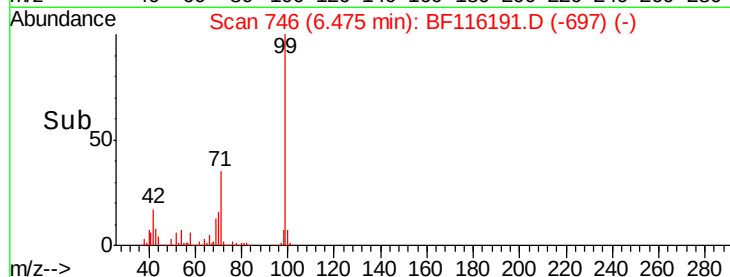
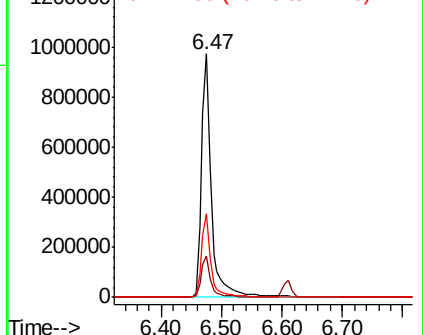


Abundance

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: 8.11 min Scan# 1024

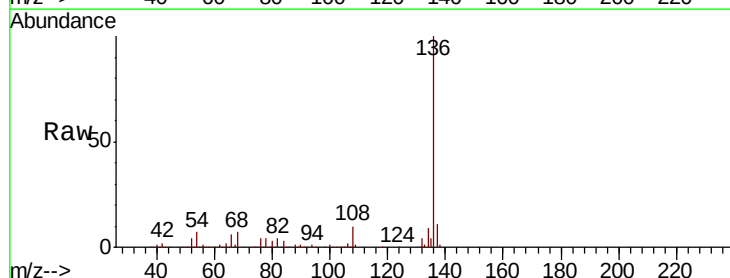
Delta R.T. -0.02 min

Lab File: BF116191.D

Acq: 12 Aug 2019 14:55

Tgt Ion: 136 Resp: 496656

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.5	5.8	8.6
68	6.8	5.2	7.8



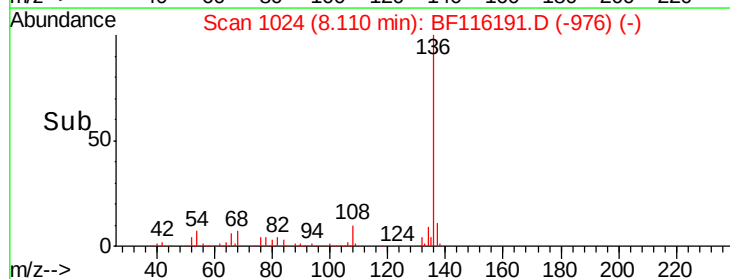
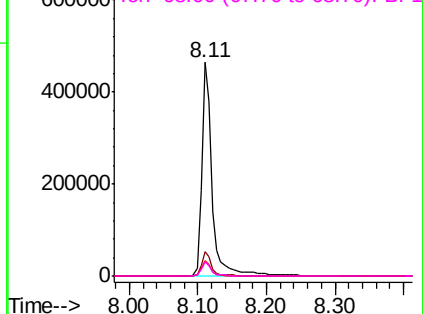
Abundance

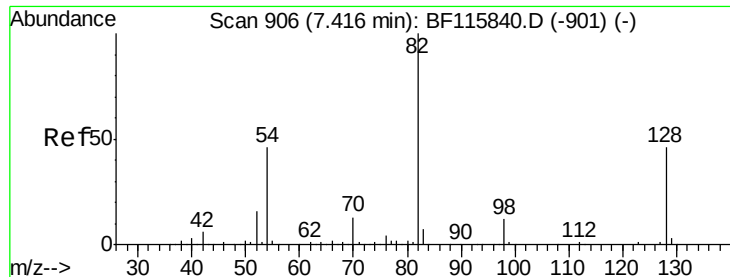
Ion 136.00 (135.70 to 136.70): E

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

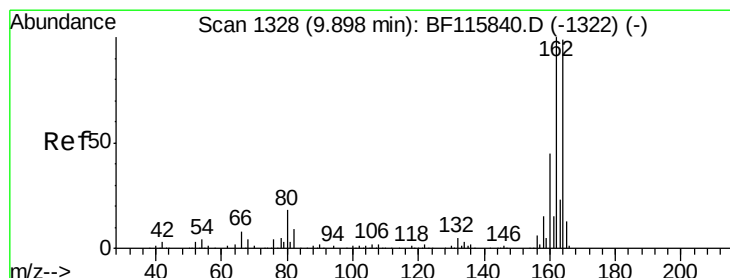
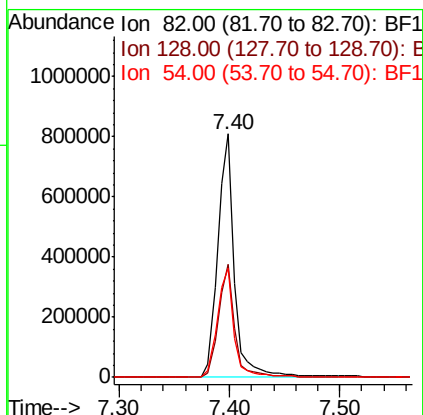
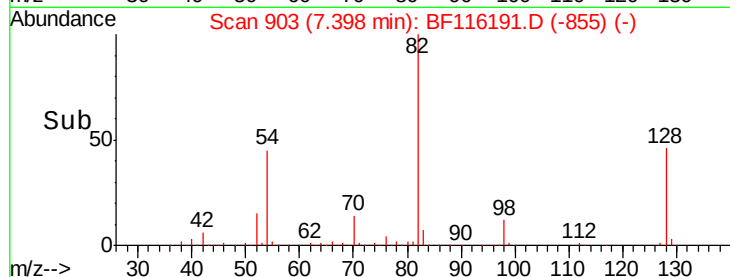
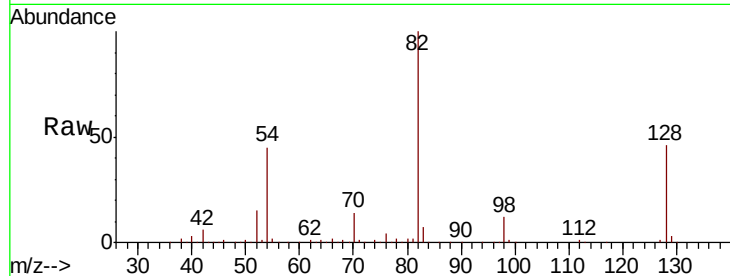




#23
Nitrobenzene-d5
Concen: 98.709 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116191.D
Acq: 12 Aug 2019 14:55

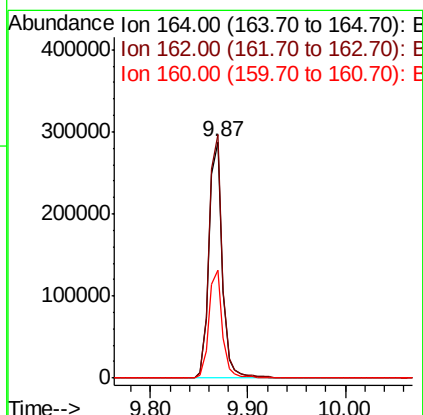
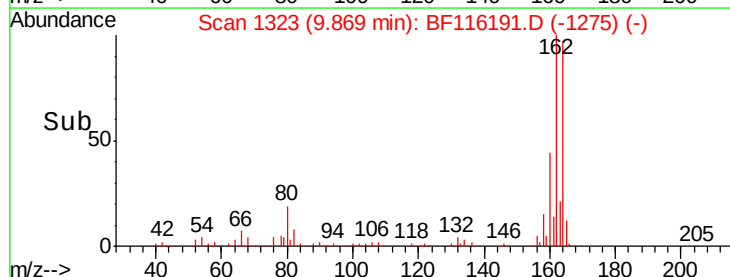
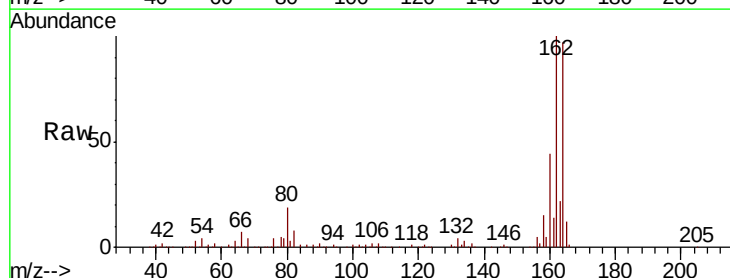
Instrument :
BNA_F
ClientSampleId :
EO-01-080719-B

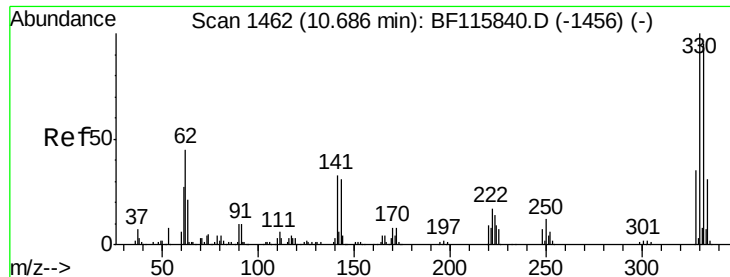
Tot Ion: 82 Resp: 849306
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 44.8 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116191.D
Acq: 12 Aug 2019 14:55

Tgt Ion: 164 Resp: 273411
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 45.8 37.6 56.4

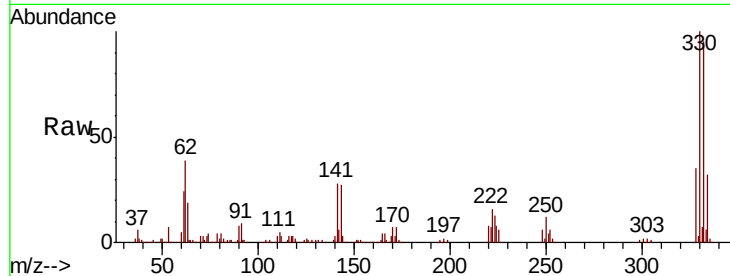




#42
 2,4,6-Tribromophenol
 Concen: 151.564 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.8	115.2
141	32.7	26.3	39.5

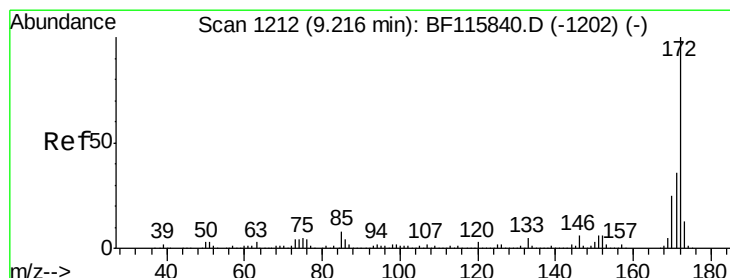
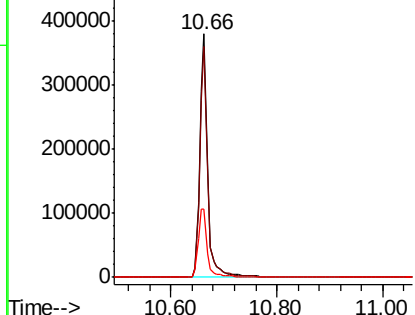
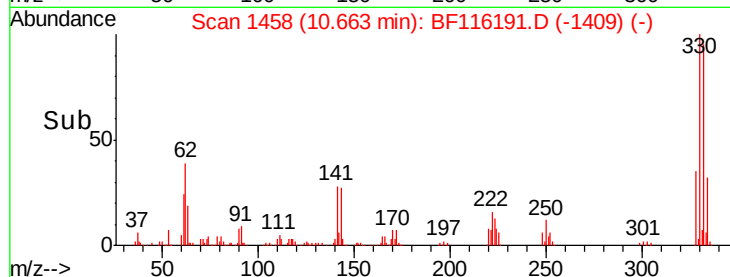


Abundance

Ion 329.80 (329.50 to 330.50): E

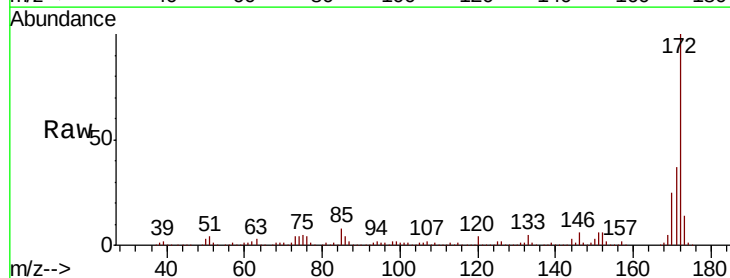
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.612 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	25.0	20.1	30.1

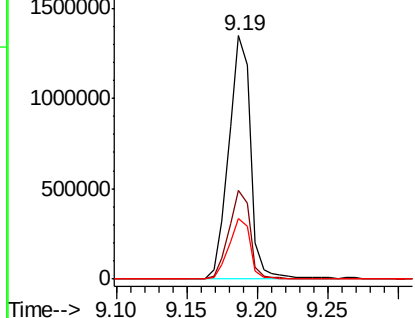
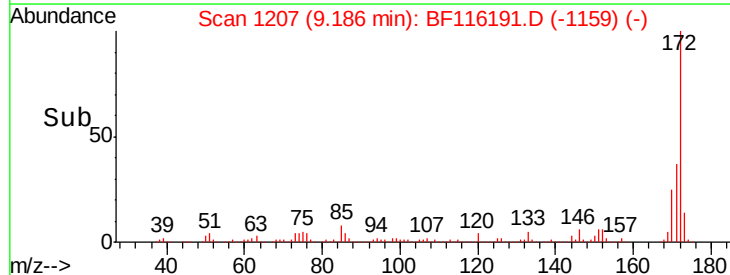


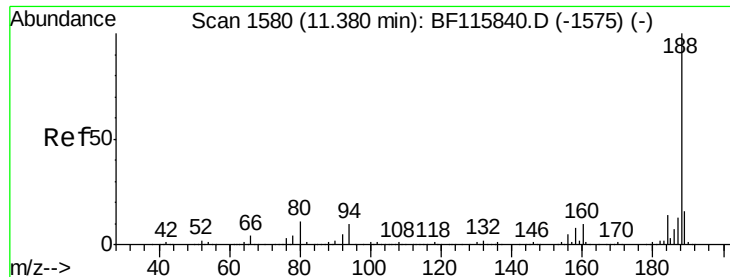
Abundance

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

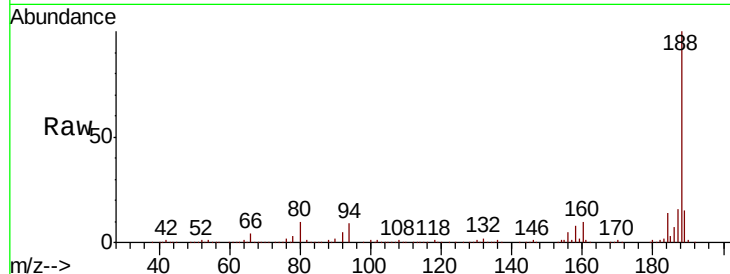




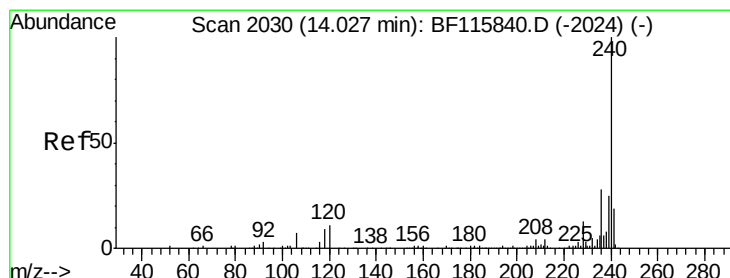
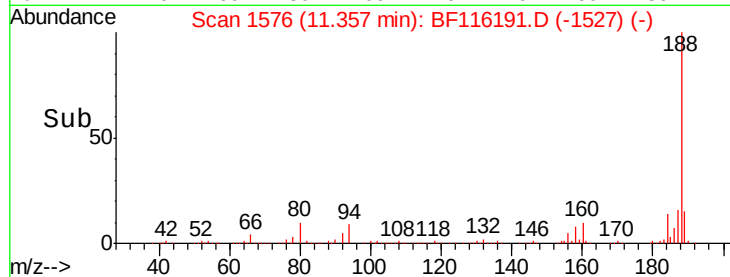
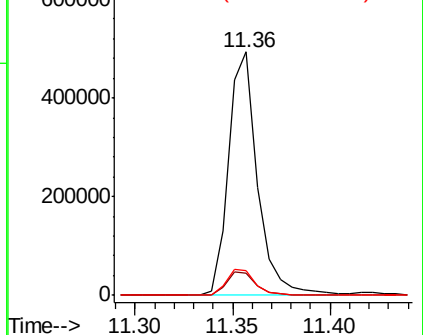
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-B

Tot Ion:188	Resp:	507525
Ion Ratio	Lower	Upper
188 100		
94 9.3	8.1	12.1
80 10.2	8.7	13.1

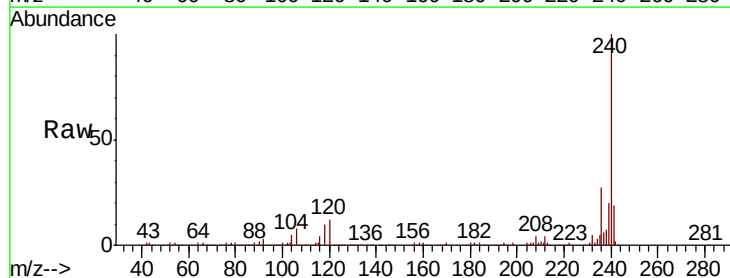


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

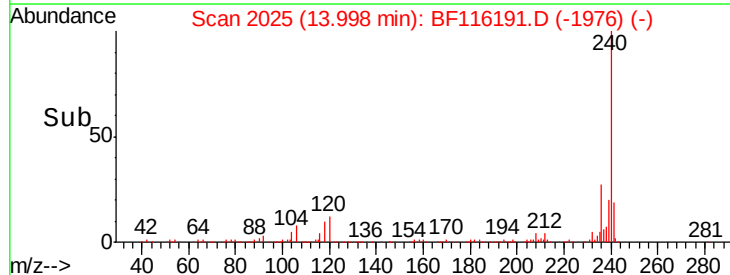
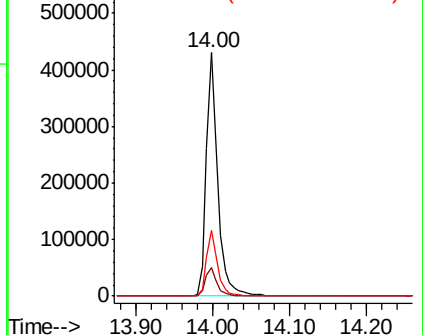


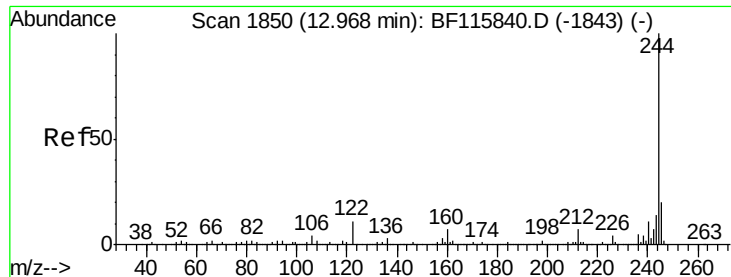
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

Tgt Ion:240	Resp:	446685
Ion Ratio	Lower	Upper
240 100		
120 12.0	10.7	16.1
236 26.9	22.2	33.2



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

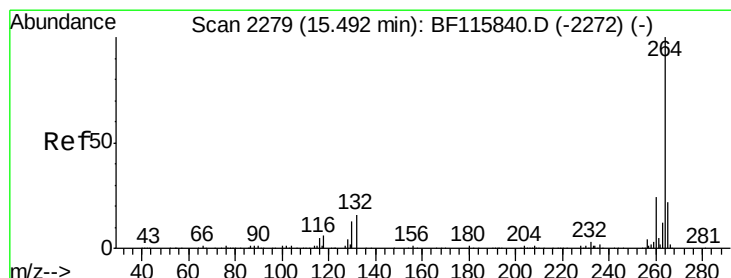
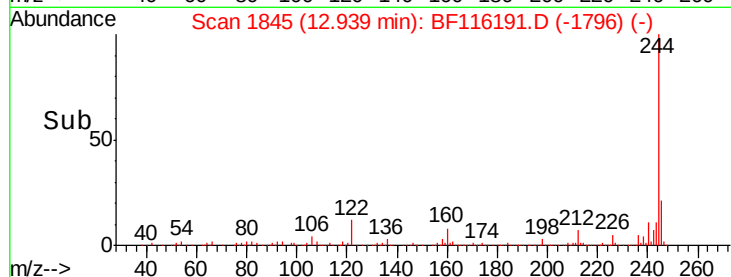
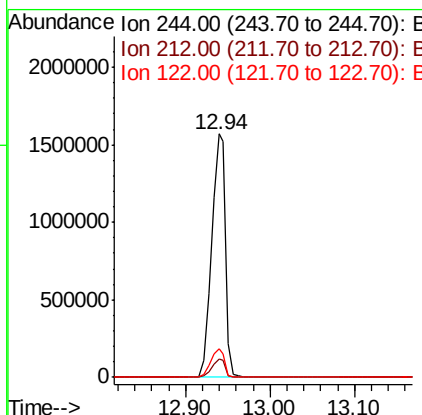
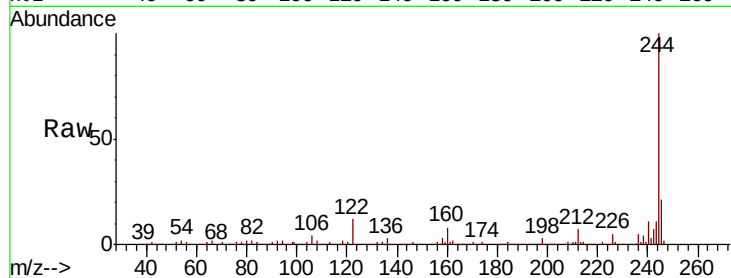




#79
 Terphenyl-d14
 Concen: 86.295 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

Instrument :
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 ClientSampleId :
 EO-01-080719-B

Tot Ion:244 Resp: 1829314
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.5 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

Tgt Ion:264 Resp: 434979
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 22.3 17.4 26.0

