

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115989.D
 Acq On : 5 Aug 2019 19:34
 Operator : HP/JU
 Sample : K4090-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080219-B

Quant Time: Aug 06 03:36:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144874	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	548372	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	296201	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	542632	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	421631	20.00	ng	-0.02
87) Perylene-d12	15.46	264	351085	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1005075	116.14	ng	0.01
7) Phenol-d6	6.48	99	1178255	107.91	ng	0.00
23) Nitrobenzene-d5	7.40	82	944166	99.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	418842	145.85	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1612509	101.97	ng	-0.02
79) Terphenyl-d14	12.95	244	1919061	95.91	ng	-0.02

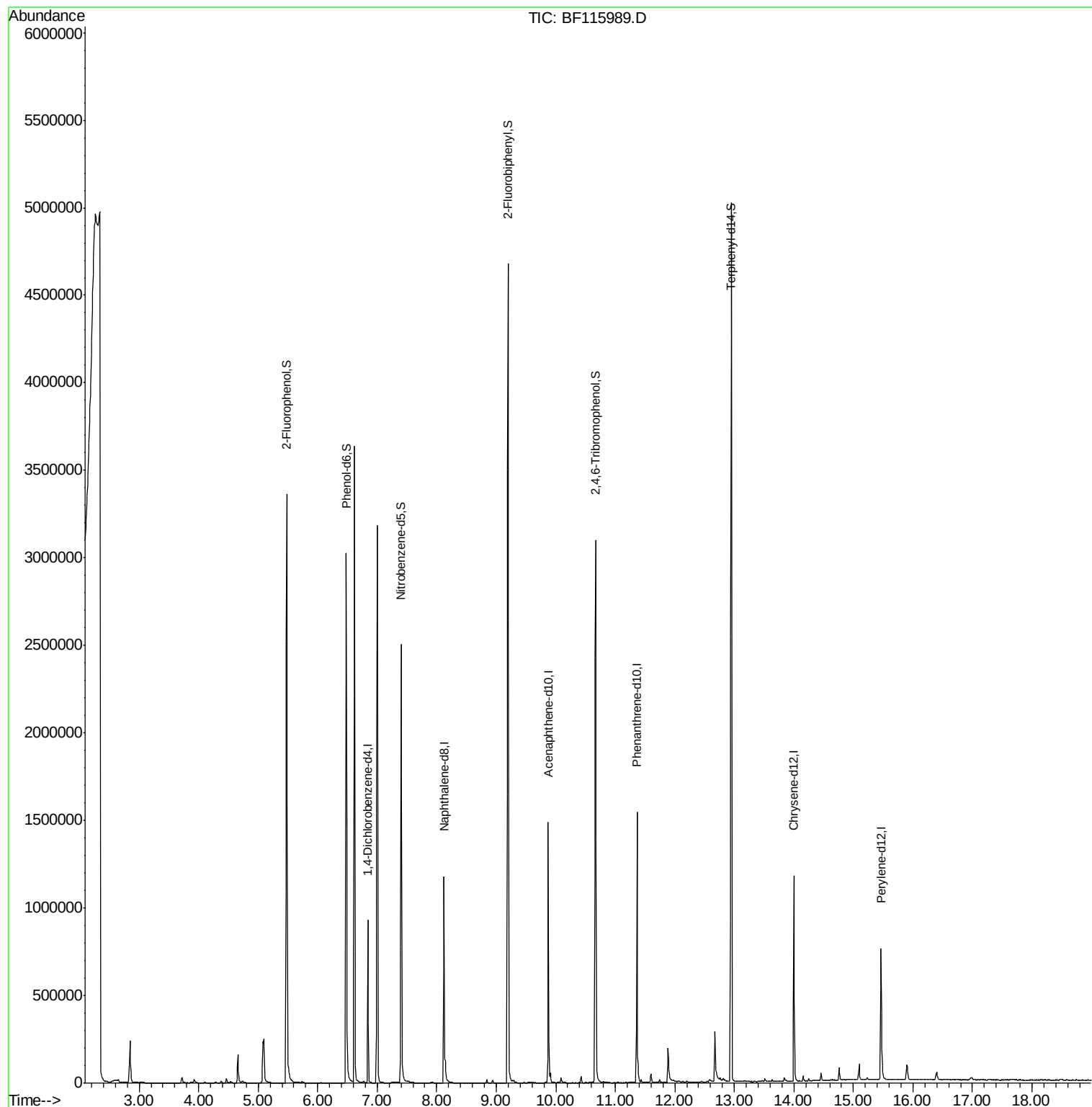
Target Compounds Qvalue

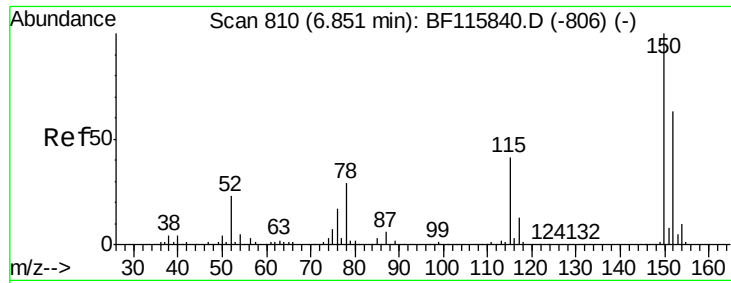
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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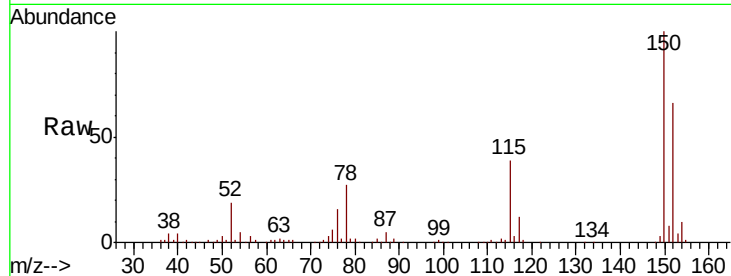




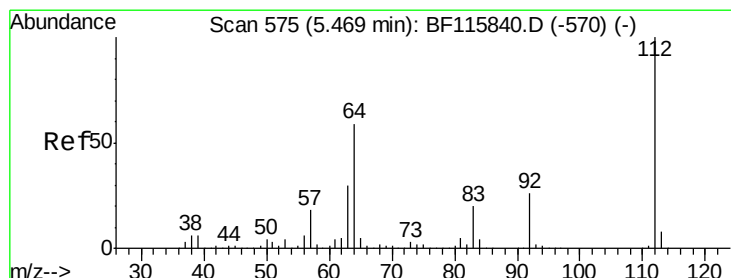
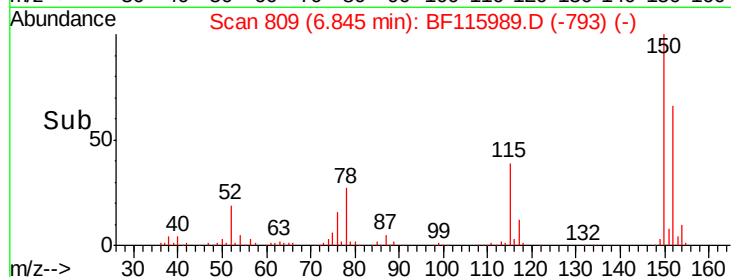
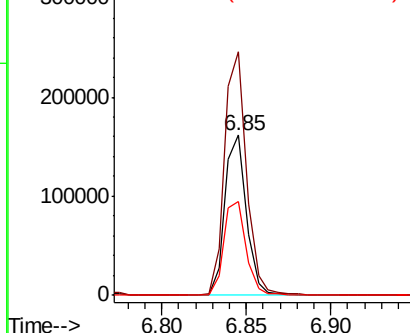
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF115989.D
 Acq: 5 Aug 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080219-B

Tot Ion:152 Resp: 144874
 Ion Ratio Lower Upper
 152 100
 150 152.1 127.4 191.0
 115 58.8 51.8 77.8

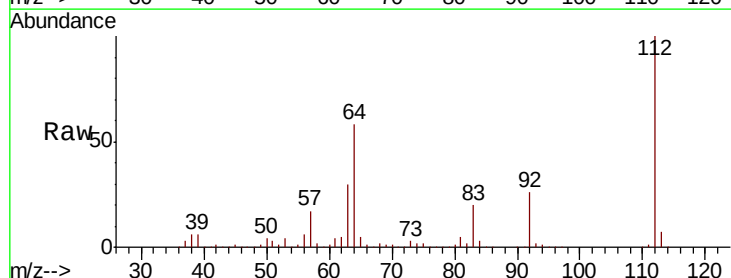


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

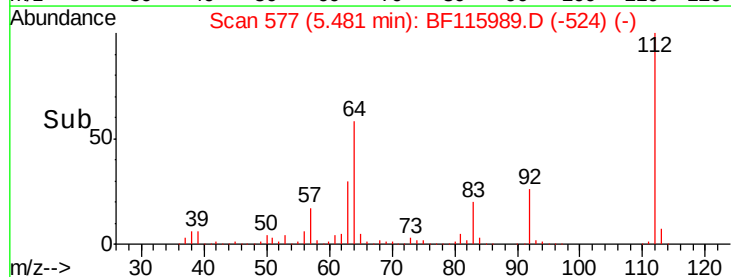
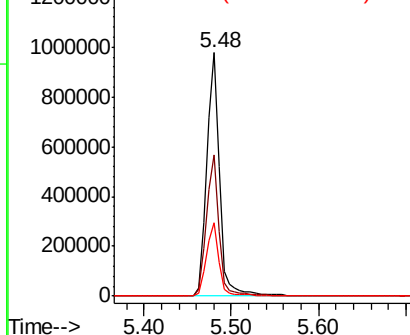


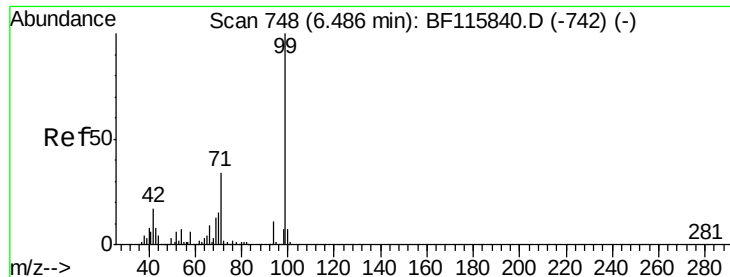
#5
 2-Fluorophenol
 Concen: 116.139 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF115989.D
 Acq: 5 Aug 2019 19:34

Tgt Ion:112 Resp: 1005075
 Ion Ratio Lower Upper
 112 100
 64 57.8 46.8 70.2
 63 30.0 24.2 36.2



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: 107.913 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115989.D

Acq: 5 Aug 2019 19:34

Instrument :

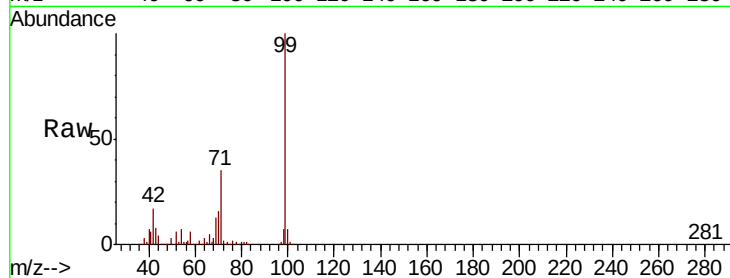
BNA_F

ClientSampleId :

OR-02-080219-B

Tot Ion: 99 Resp: 1178255

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.6
71	34.5	27.1	40.7

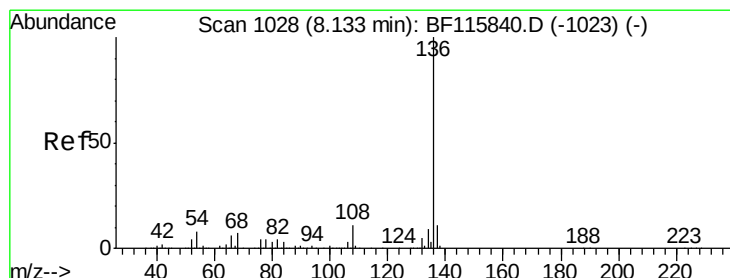
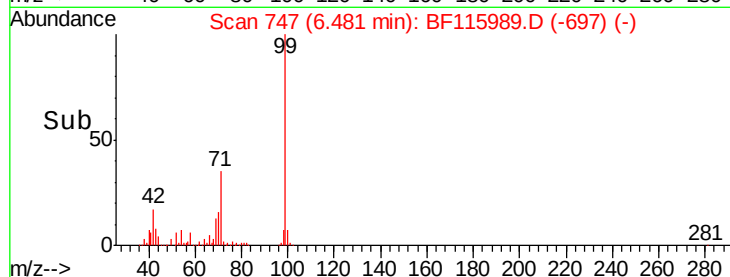
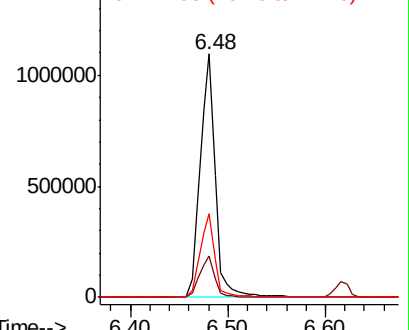


Abundance

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# 1026

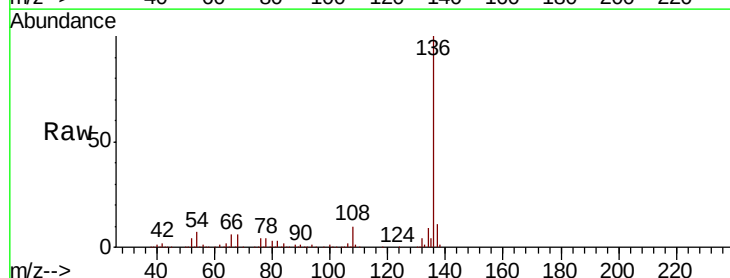
Delta R.T. -0.01 min

Lab File: BF115989.D

Acq: 5 Aug 2019 19:34

Tgt Ion: 136 Resp: 548372

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.1	6.1	9.1
68	6.1	5.4	8.2



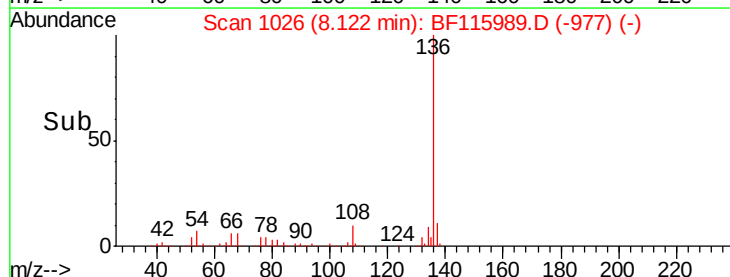
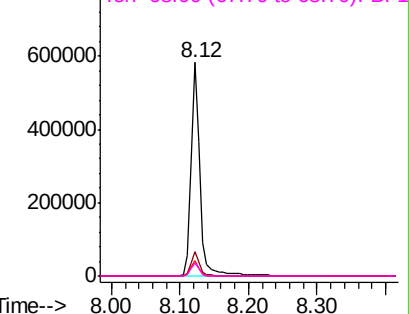
Abundance

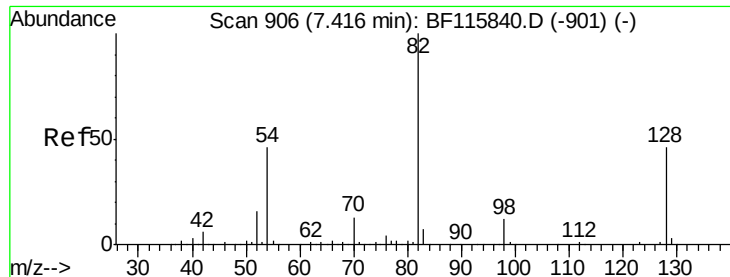
Ion 136.00 (135.70 to 136.70): E

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

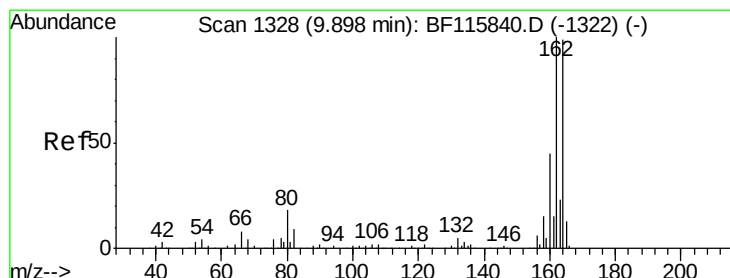
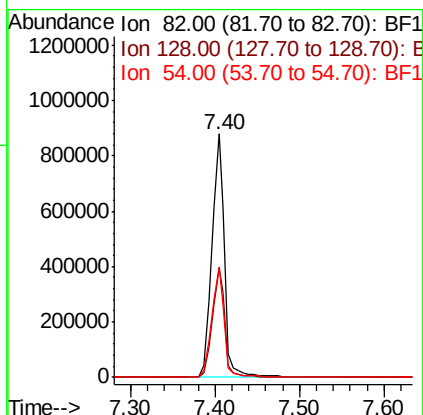
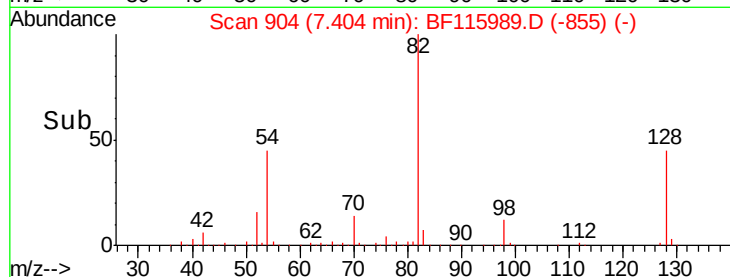
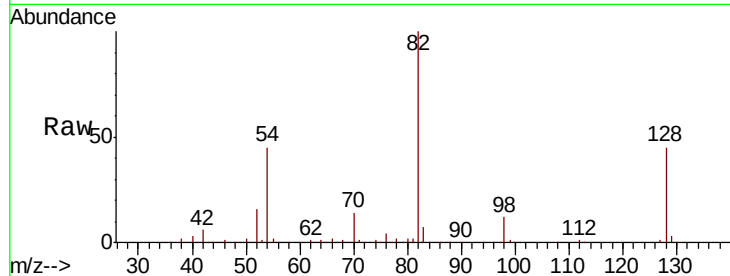




#23
 Nitrobenzene-d5
 Concen: 99.385 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF115989.D
 Acq: 5 Aug 2019 19:34

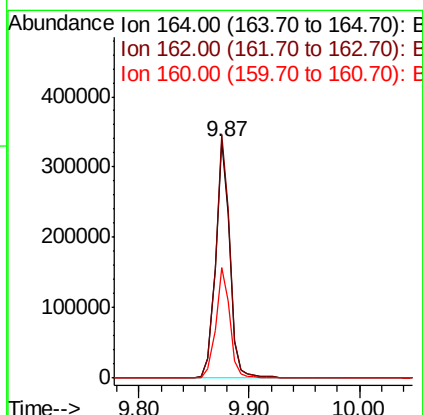
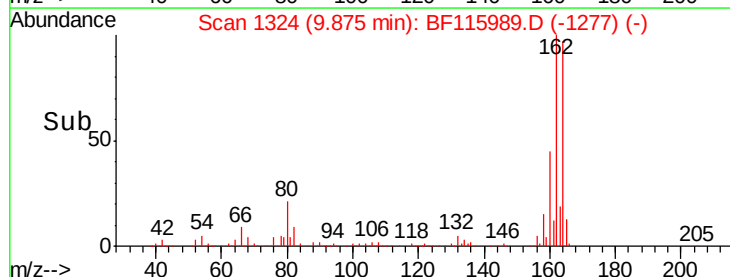
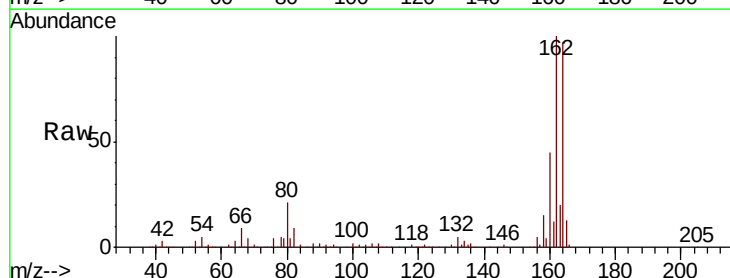
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080219-B

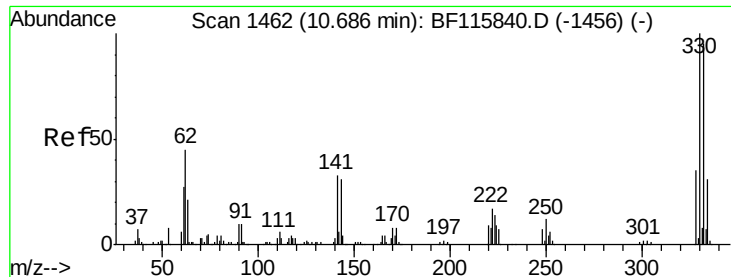
Tot Ion: 82 Resp: 944166
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.6 55.0
 54 45.3 36.6 55.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF115989.D
 Acq: 5 Aug 2019 19:34

Tgt Ion:164 Resp: 296201
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.8 121.2
 160 46.6 36.2 54.4

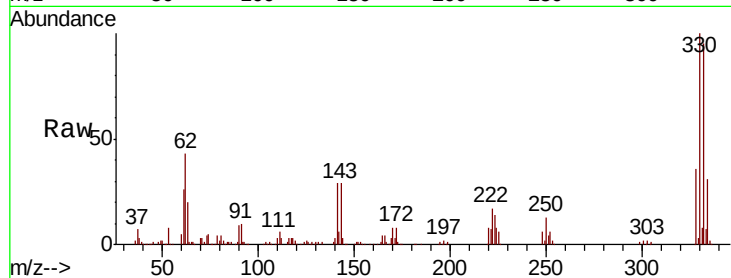




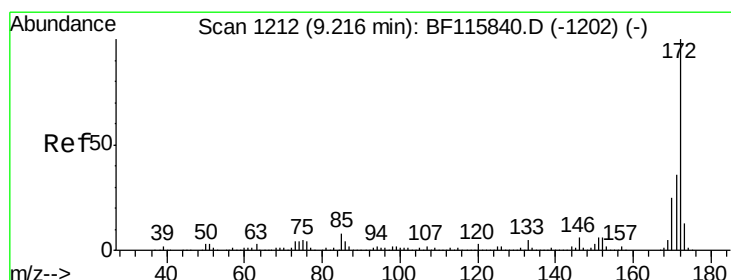
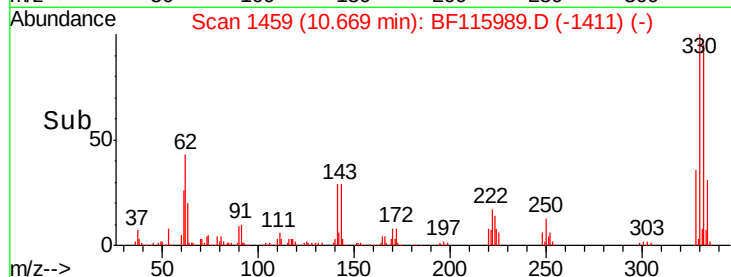
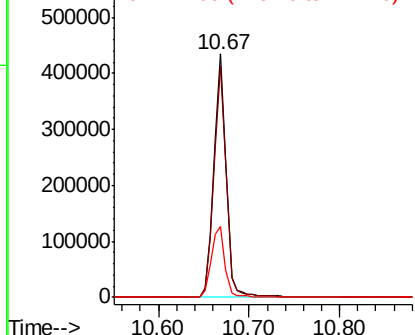
#42
 2,4,6-Tribromophenol
 Concen: 145.849 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF115989.D
 Acq: 5 Aug 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080219-B

Tot Ion:330 Resp: 418842
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.7 116.5
 141 32.5 28.1 42.1

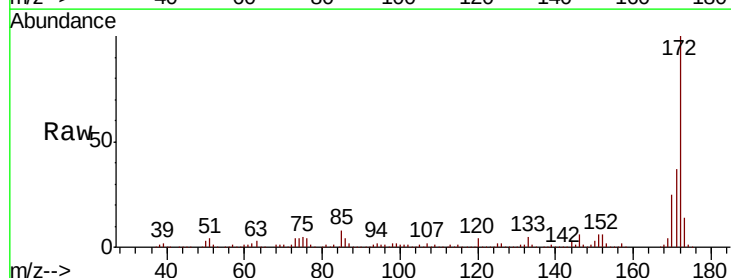


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

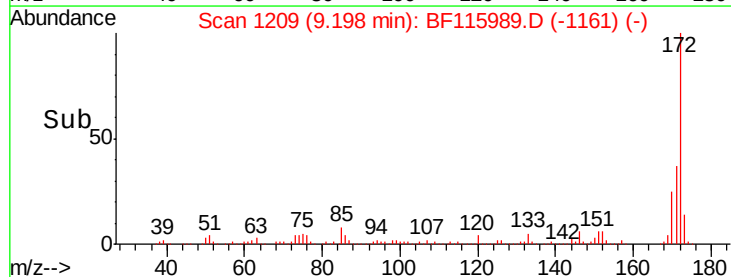
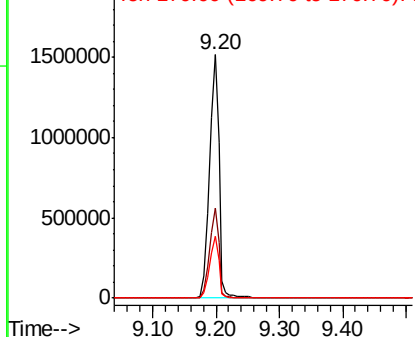


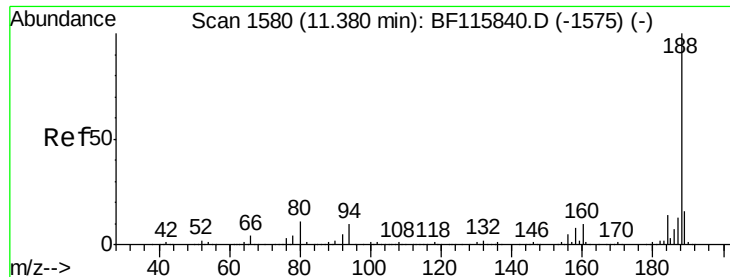
#45
 2-Fluorobiphenyl
 Concen: 101.970 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115989.D
 Acq: 5 Aug 2019 19:34

Tgt Ion:172 Resp: 1612509
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.1 43.7
 170 25.4 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

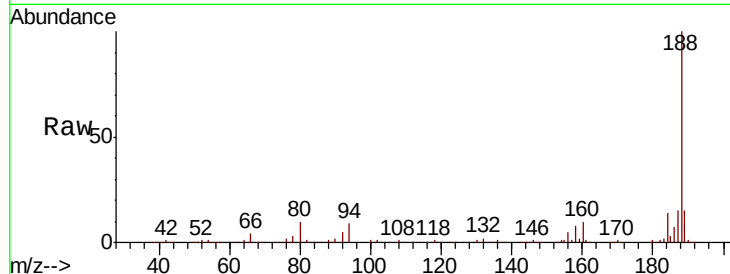




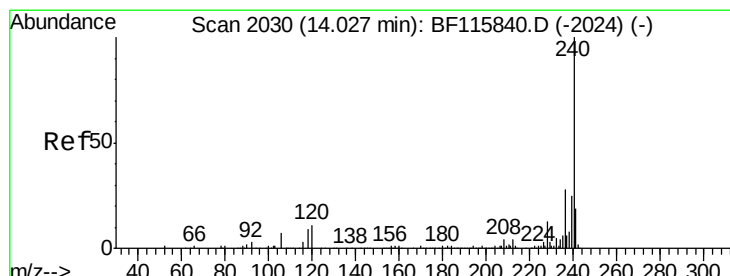
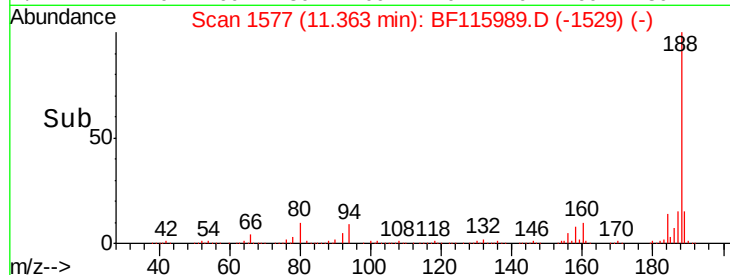
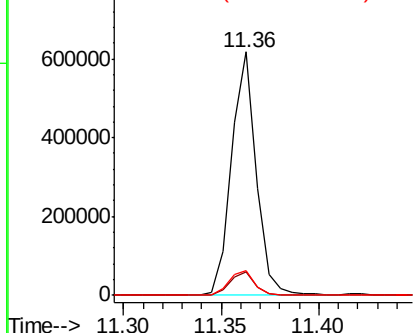
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF115989.D
Acq: 5 Aug 2019 19:34

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-B

Tot Ion:188 Resp: 542632
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.1 8.6 12.8

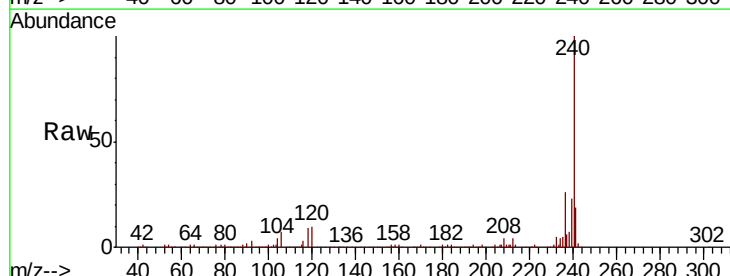


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

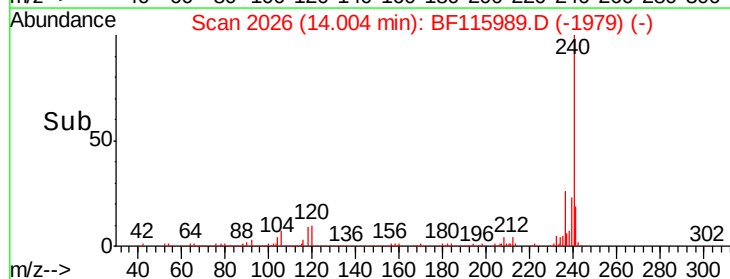
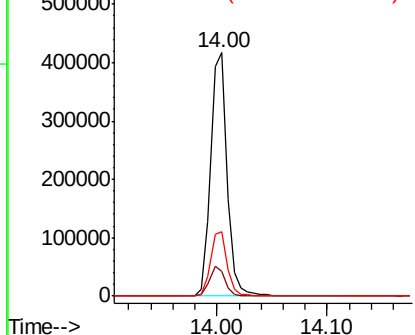


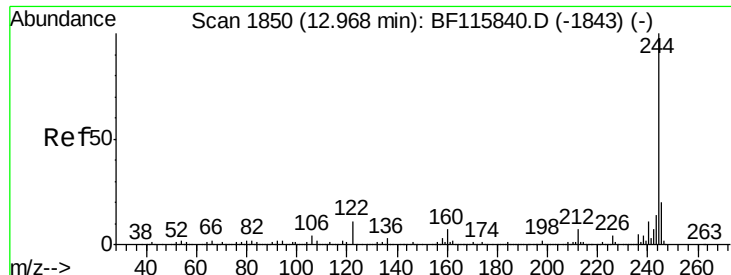
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115989.D
Acq: 5 Aug 2019 19:34

Tgt Ion:240 Resp: 421631
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 26.3 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: 95.908 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF115989.D

Acq: 5 Aug 2019 19:34

Instrument :

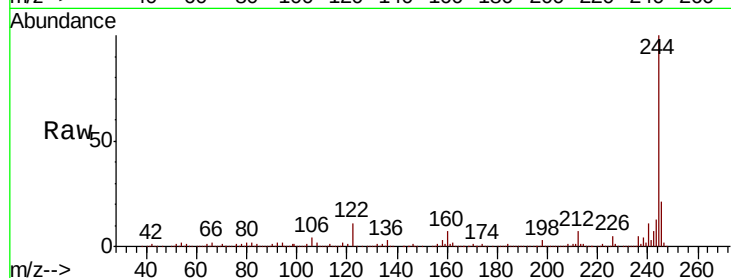
BNA_F

ClientSampleId :

OR-02-080219-B

Tot Ion:244 Resp: 1919061

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	11.0	8.6	13.0

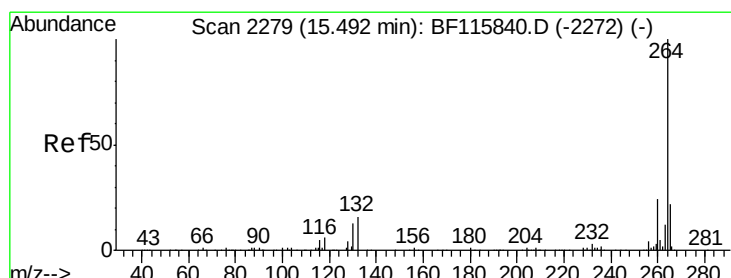
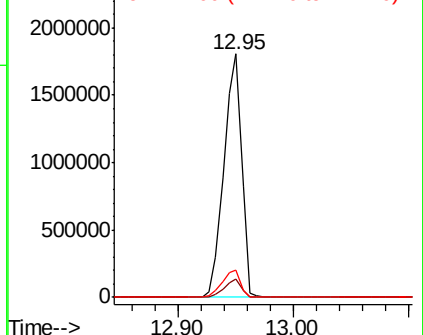
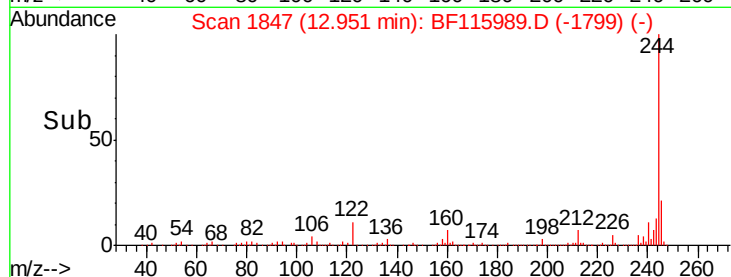


Abundance

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: 15.46 min Scan# 2274

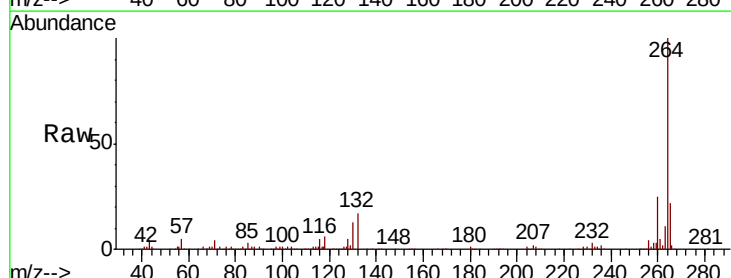
Delta R.T. -0.03 min

Lab File: BF115989.D

Acq: 5 Aug 2019 19:34

Tgt Ion:264 Resp: 351085

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.9	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

