

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118694.D
 Acq On : 24 Jan 2020 19:14
 Operator : CG/JU
 Sample : L1016-10 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012320

Quant Time: Jan 27 02:00:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

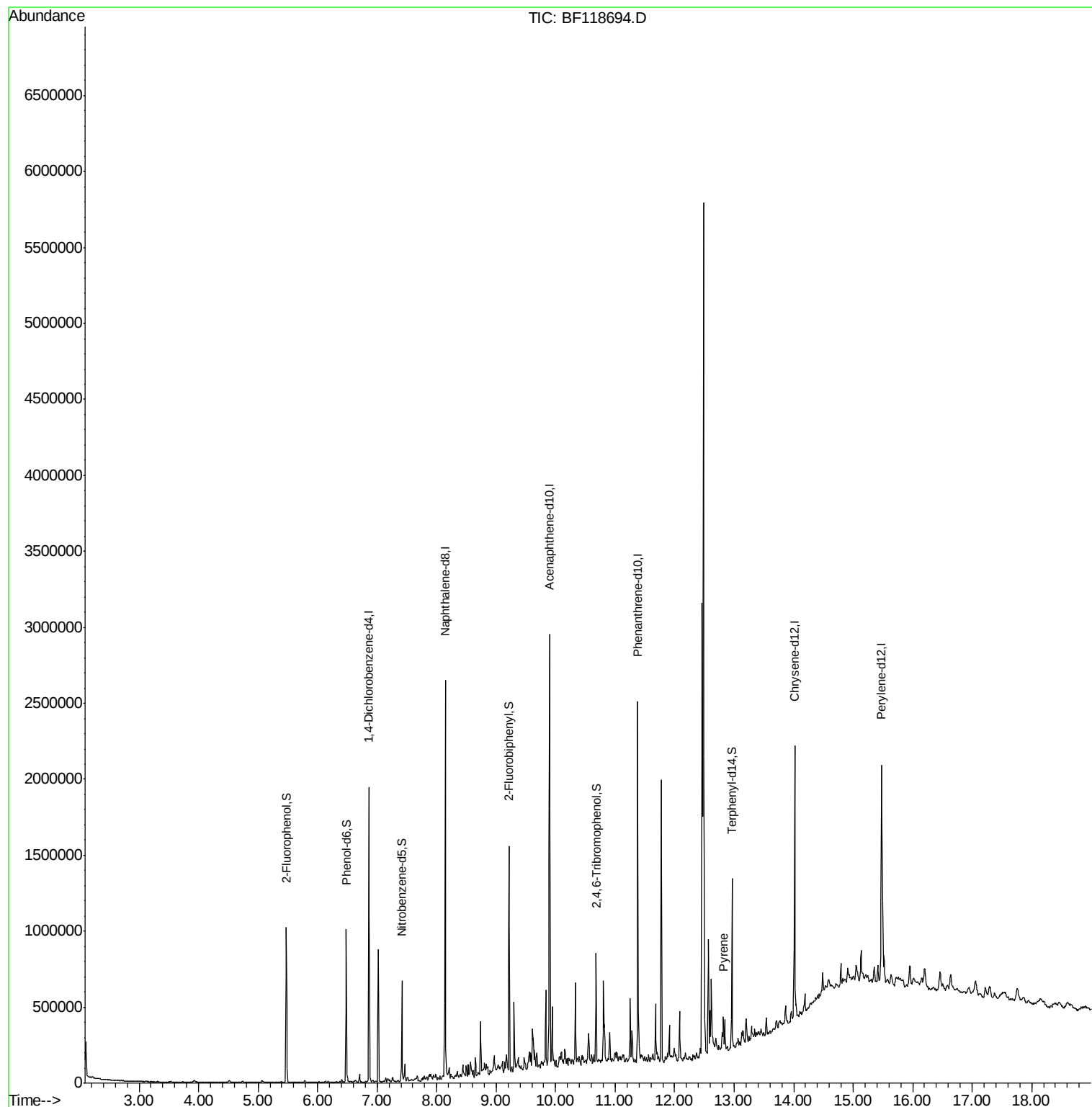
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	273379	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	1046012	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	527395	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	863717	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	573749	20.00	ng	-0.03
87) Perylene-d12	15.48	264	715461	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	270200	18.36	ng	-0.02
7) Phenol-d6	6.48	99	316317	16.53	ng	-0.03
23) Nitrobenzene-d5	7.42	82	186115	9.95	ng	-0.03
42) 2,4,6-Tribromophenol	10.68	330	86465	14.17	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	424883	13.24	ng	-0.03
79) Terphenyl-d14	12.96	244	380760	14.47	ng	-0.03
Target Compounds						
78) Pyrene	12.82	202	89805	2.306	ng	Qvalue # 90

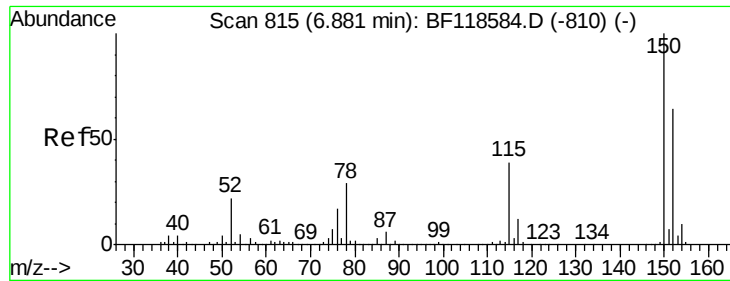
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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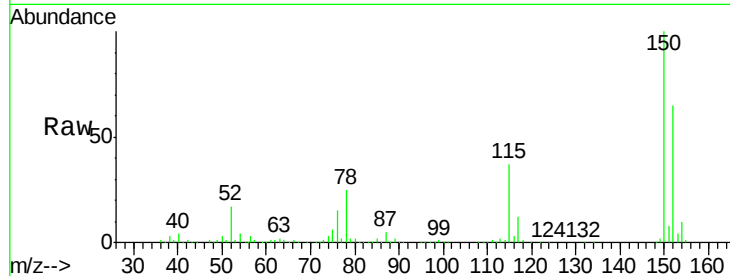




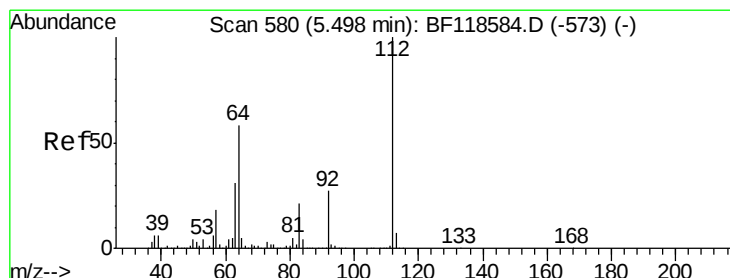
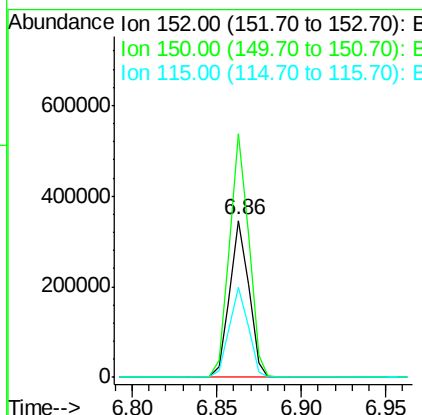
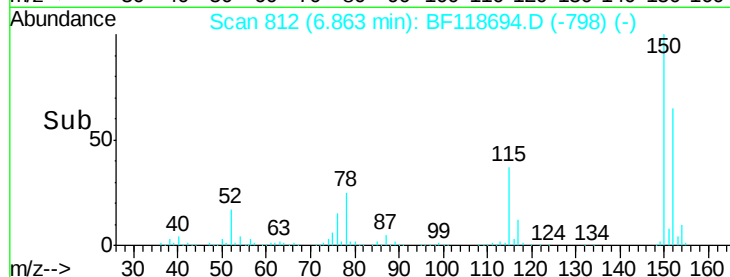
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF118694.D
 Acq: 24 Jan 2020 19:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012320

Tot Ion:152 Resp: 273379
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.6 188.4
 115 57.5 48.4 72.6

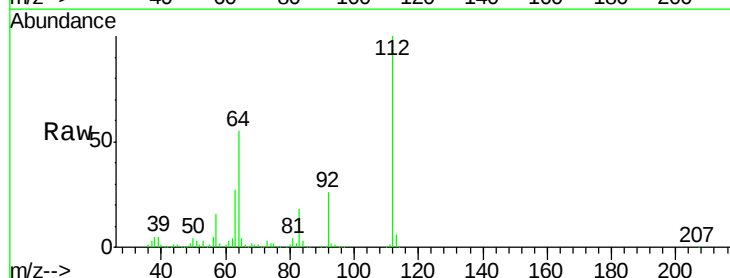


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

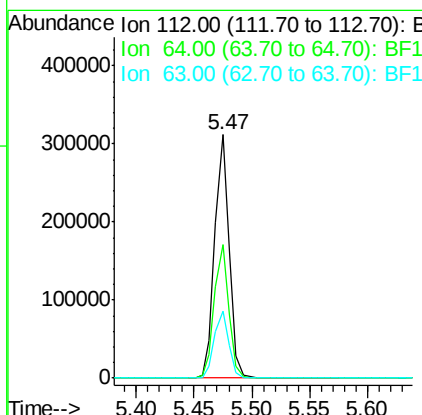
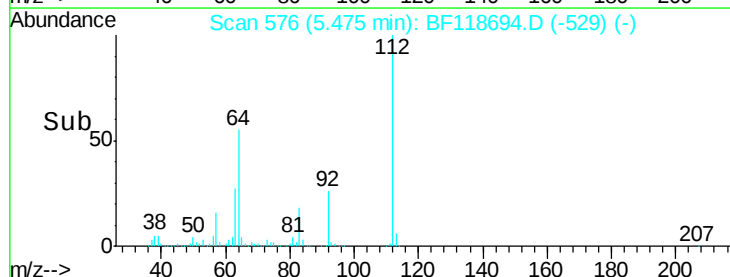


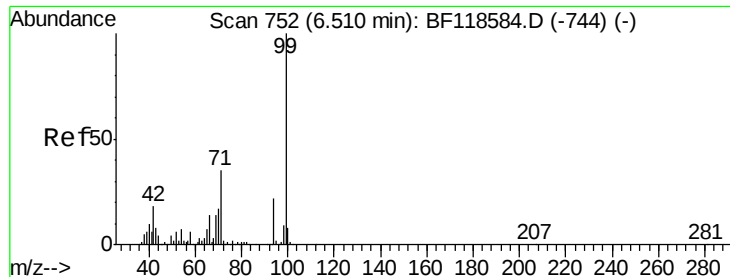
#5
 2-Fluorophenol
 Concen: 18.357 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF118694.D
 Acq: 24 Jan 2020 19:14

Tgt Ion:112 Resp: 270200
 Ion Ratio Lower Upper
 112 100
 64 55.0 46.6 70.0
 63 27.3 25.1 37.7



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: 16.534 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF118694.D

Acq: 24 Jan 2020 19:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012320

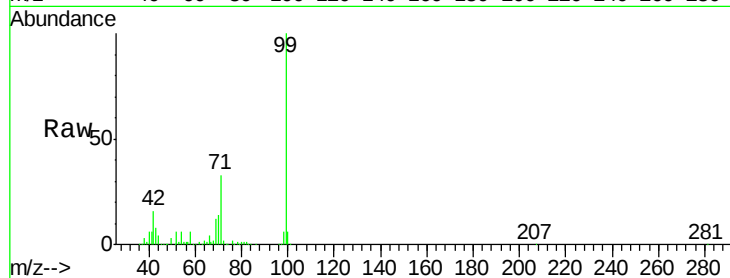
Tot Ion: 99 Resp: 316317

Ion Ratio Lower Upper

99 100

42 15.7 14.2 21.2

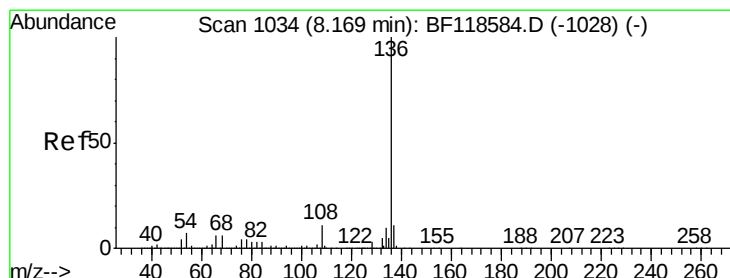
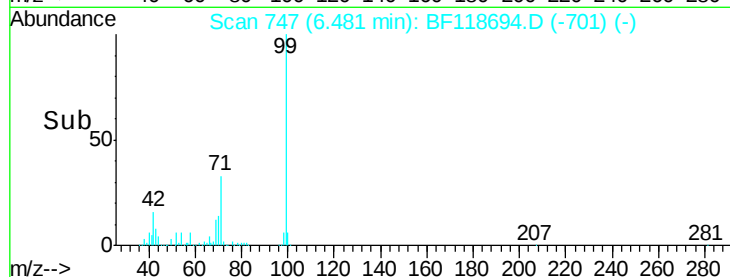
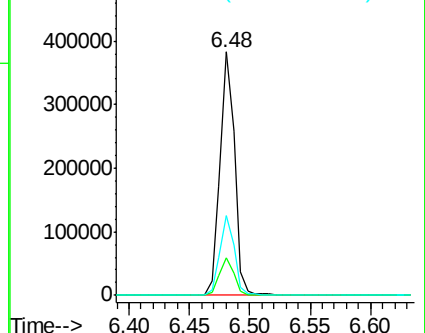
71 33.0 27.8 41.6



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# 1030

Delta R.T. -0.02 min

Lab File: BF118694.D

Acq: 24 Jan 2020 19:14

Tgt Ion: 136 Resp: 1046012

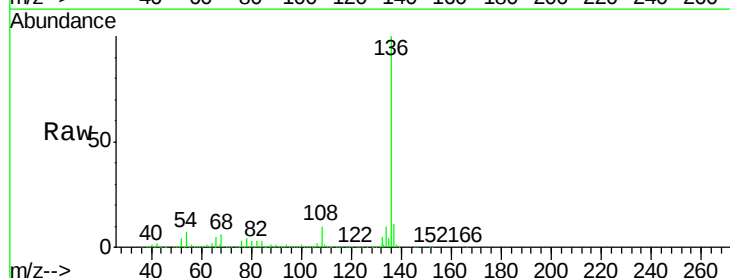
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.8 5.8 8.6

68 6.1 5.0 7.4

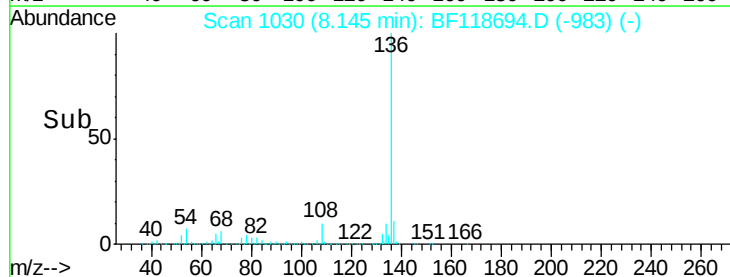
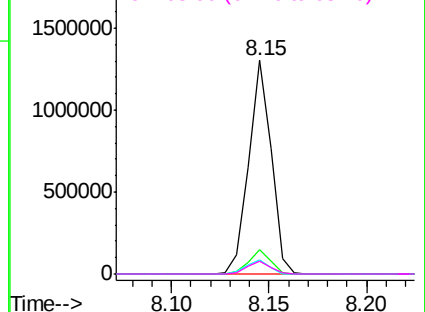


Abundance Ion 136.00 (135.70 to 136.70): E

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

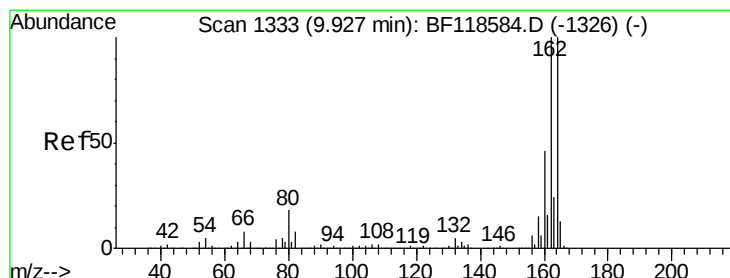
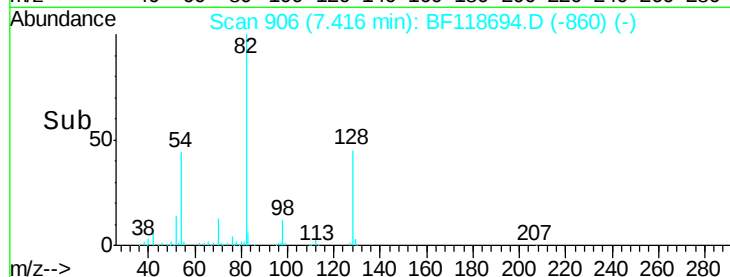
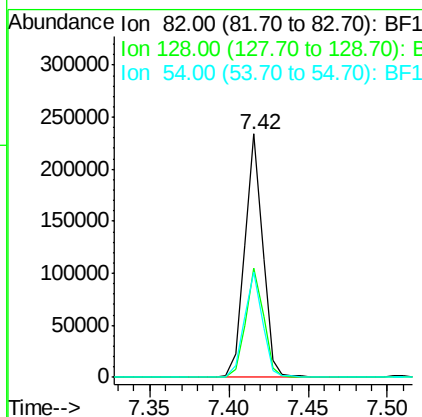
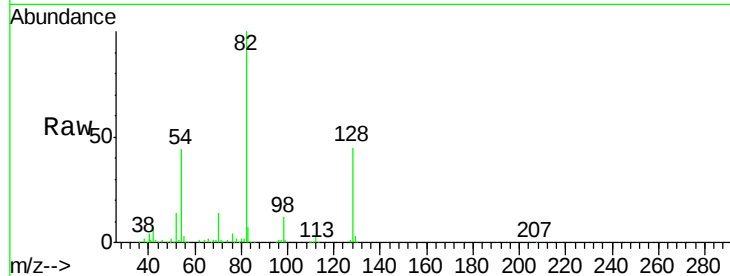




#23
Nitrobenzene-d5
Concen: 9.952 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.03 min
Lab File: BF118694.D
Acq: 24 Jan 2020 19:14

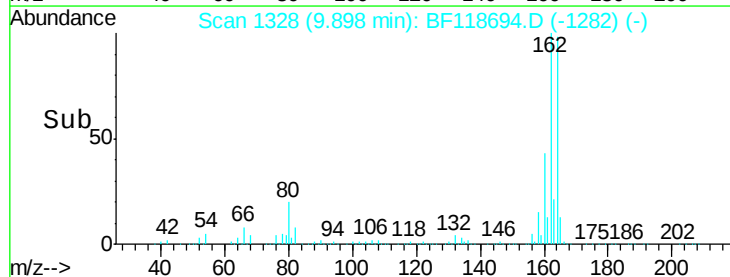
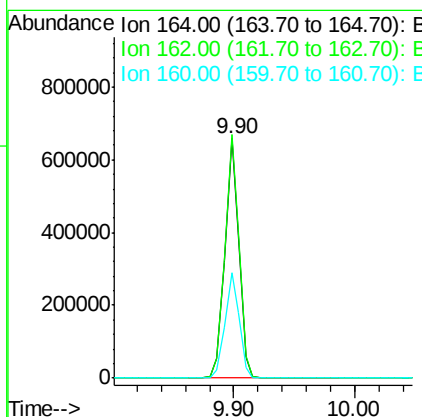
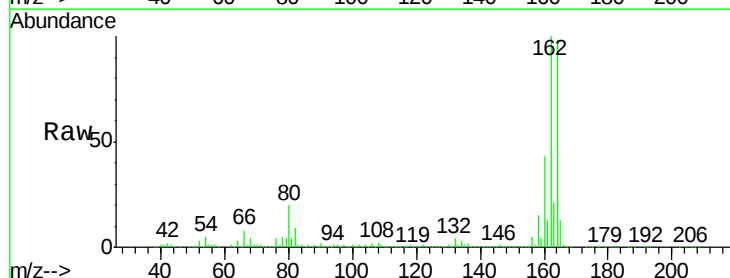
Instrument :
BNA_F
ClientSampleId :
SU-04-012320

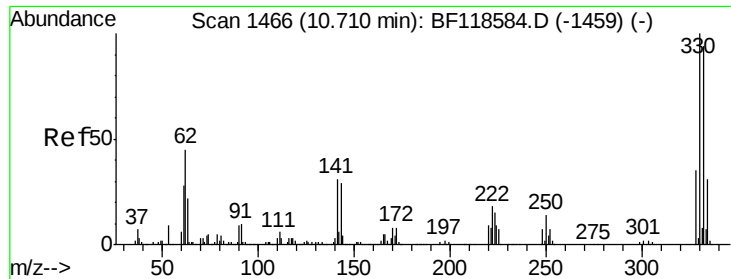
Tot Ion	82	Resp	186115
Ion Ratio	100	Lower	Upper
128	45.0	36.6	54.8
54	43.5	38.0	57.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF118694.D
Acq: 24 Jan 2020 19:14

Tgt Ion	164	Resp	527395
Ion Ratio	100	Lower	Upper
162	101.7	80.4	120.6
160	44.0	36.6	55.0

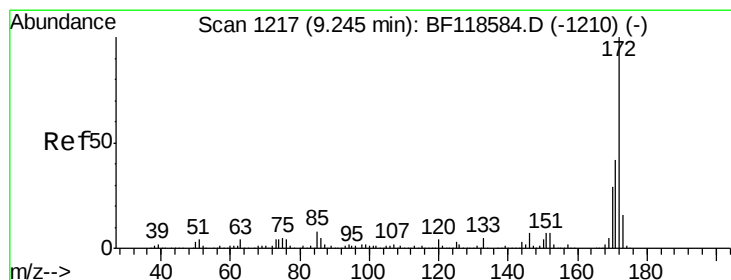
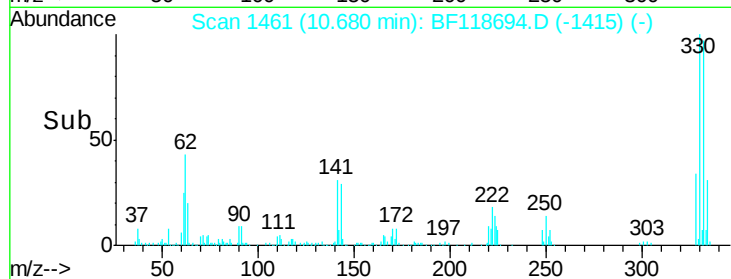
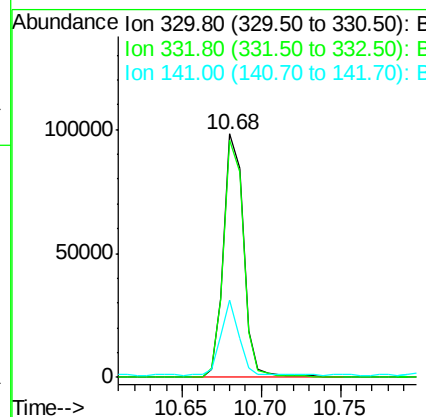
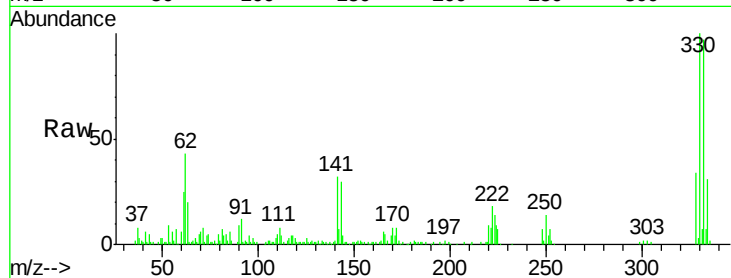




#42
 2,4,6-Tribromophenol
 Concen: 14.175 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BF118694.D
 Acq: 24 Jan 2020 19:14

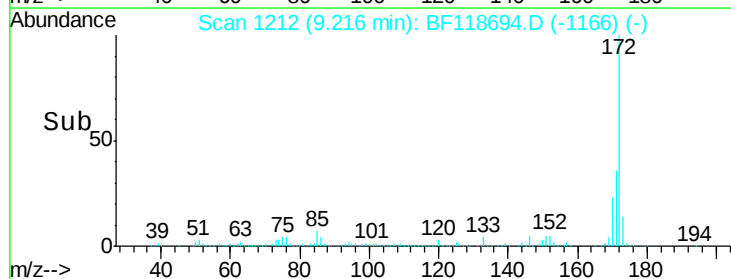
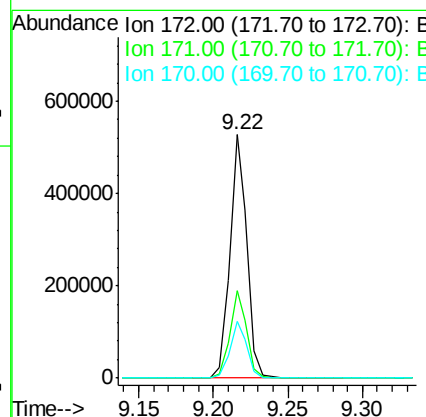
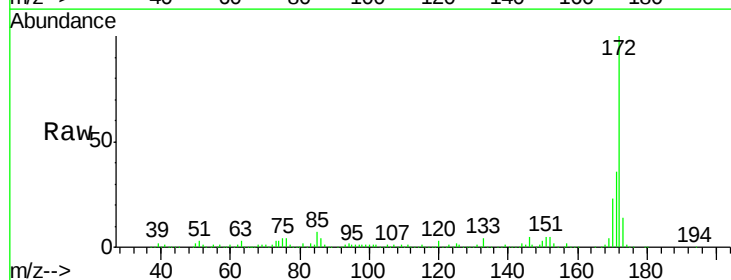
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012320

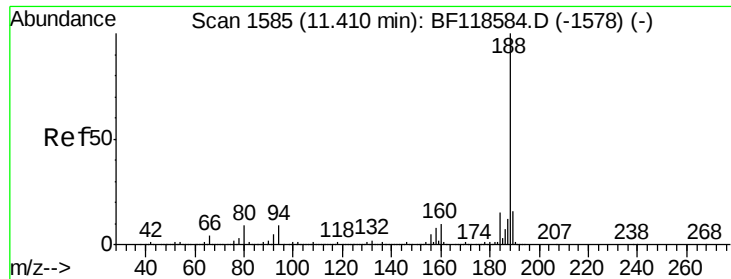
Tot Ion:330 Resp: 86465
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.2 114.4
 141 27.5 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 13.241 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.03 min
 Lab File: BF118694.D
 Acq: 24 Jan 2020 19:14

Tgt Ion:172 Resp: 424883
 Ion Ratio Lower Upper
 172 100
 171 35.7 33.4 50.2
 170 23.2 23.2 34.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BF118694.D

Acq: 24 Jan 2020 19:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012320

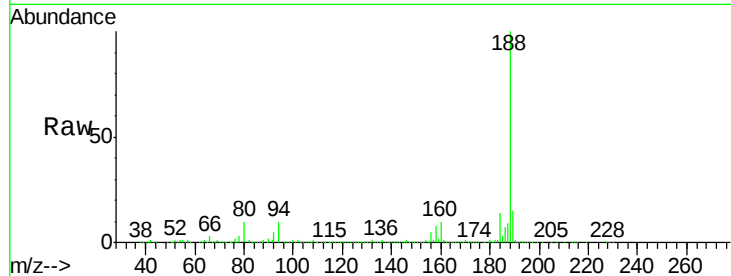
Tot Ion:188 Resp: 863717

Ion Ratio Lower Upper

188 100

94 9.5 7.1 10.7

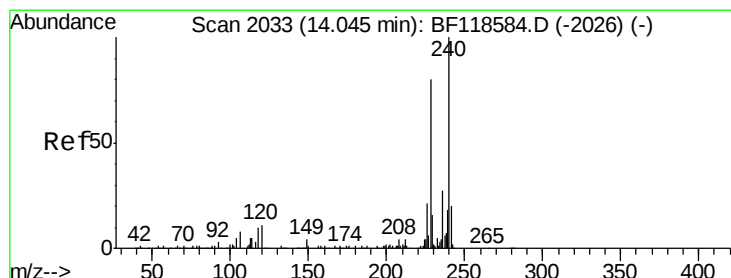
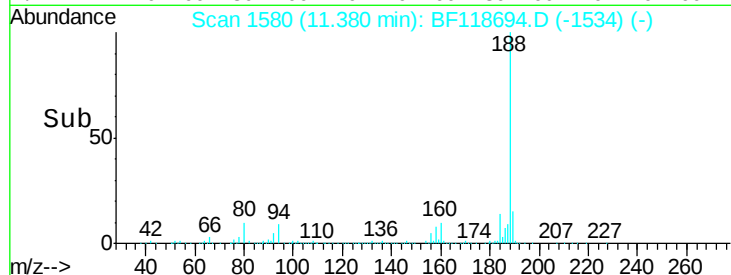
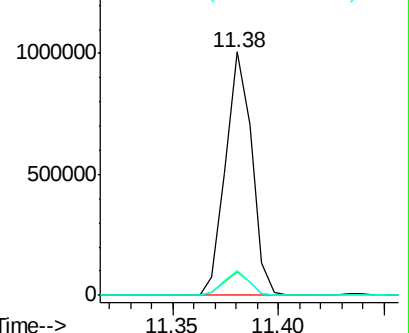
80 10.2 7.5 11.3



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: 14.02 min Scan# 2028

Delta R.T. -0.03 min

Lab File: BF118694.D

Acq: 24 Jan 2020 19:14

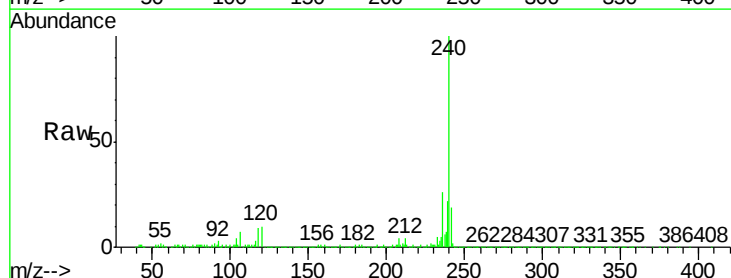
Tgt Ion:240 Resp: 573749

Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

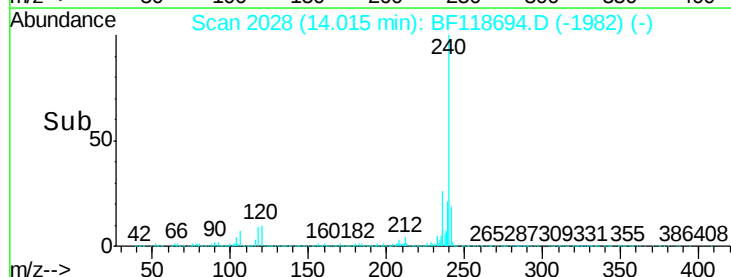
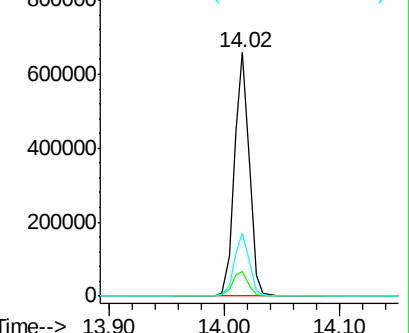
236 25.9 21.5 32.3

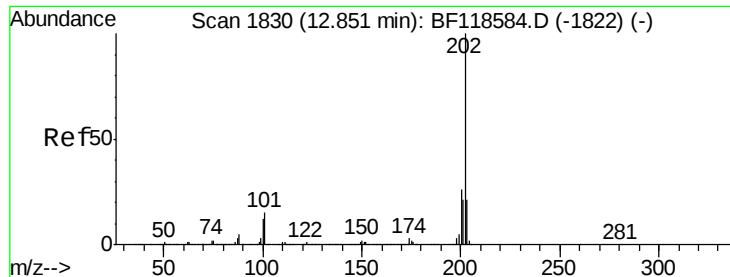


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

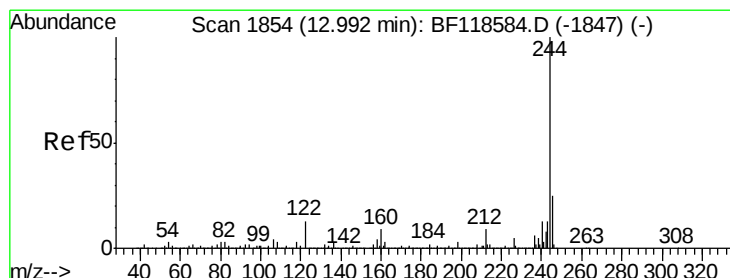
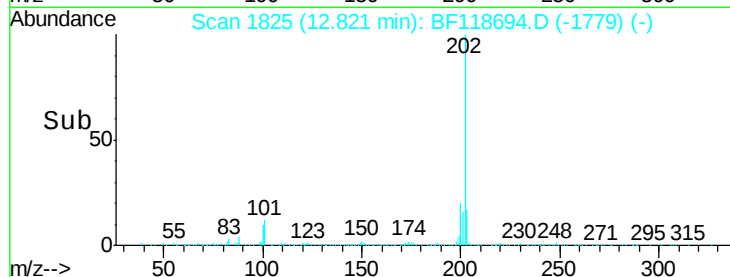
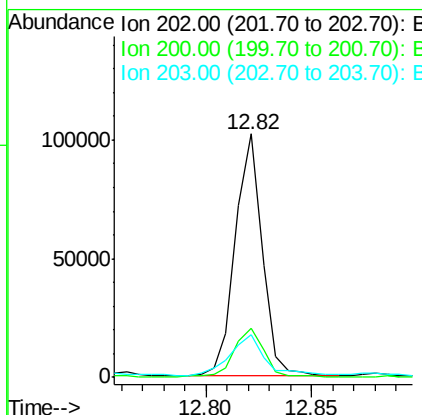
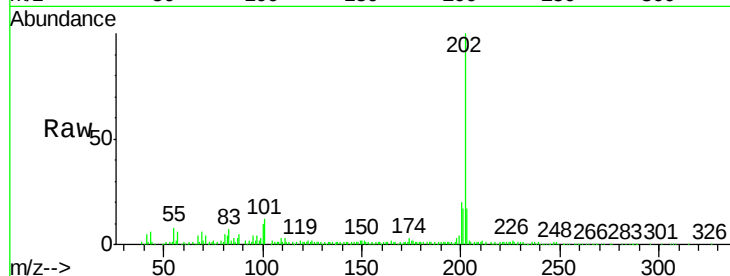




#78
Pvrene
Concen: 2.306 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF118694.D
Acq: 24 Jan 2020 19:14

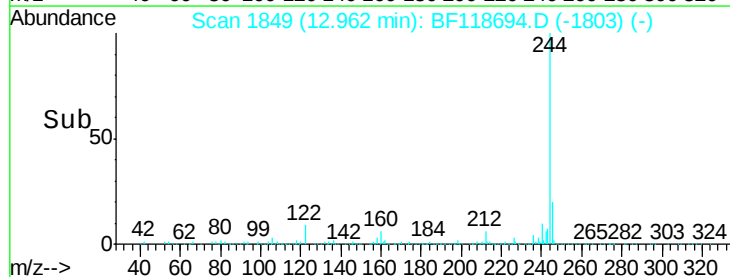
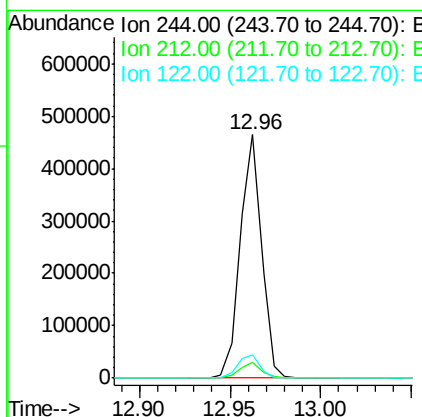
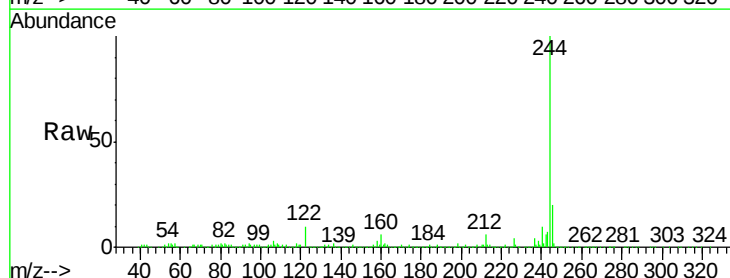
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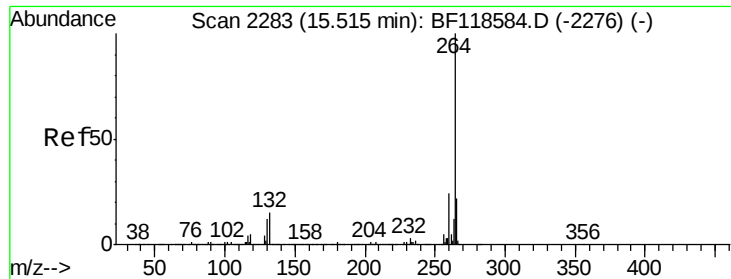
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	20.6	31.0#
203	17.3	16.8	25.2



#79
Terphenyl-d14
Concen: 14.475 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.03 min
Lab File: BF118694.D
Acq: 24 Jan 2020 19:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	7.0	10.4#
122	9.5	10.7	16.1#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BF118694.D
Acq: 24 Jan 2020 19:14

Instrument :
BNA_F
ClientSampleId :
SU-04-012320

Tot Ion:	264	Resp:	715461
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.1	17.7	26.5

