

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119721.D
 Acq On : 3 Apr 2020 16:08
 Operator : MA/SJ
 Sample : L2108-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-70-71-COMP

Quant Time: Apr 03 16:50:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	230421	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	856404	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	444491	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	846035	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	685714	20.00	ng	-0.02
87) Perylene-d12	15.43	264	638351	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1828819	126.35	ng	0.02
7) Phenol-d6	6.44	99	2151168	116.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	1530500	97.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	701093	152.89	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2801568	93.38	ng	-0.01
79) Terphenyl-d14	12.93	244	3151069	90.03	ng	-0.01

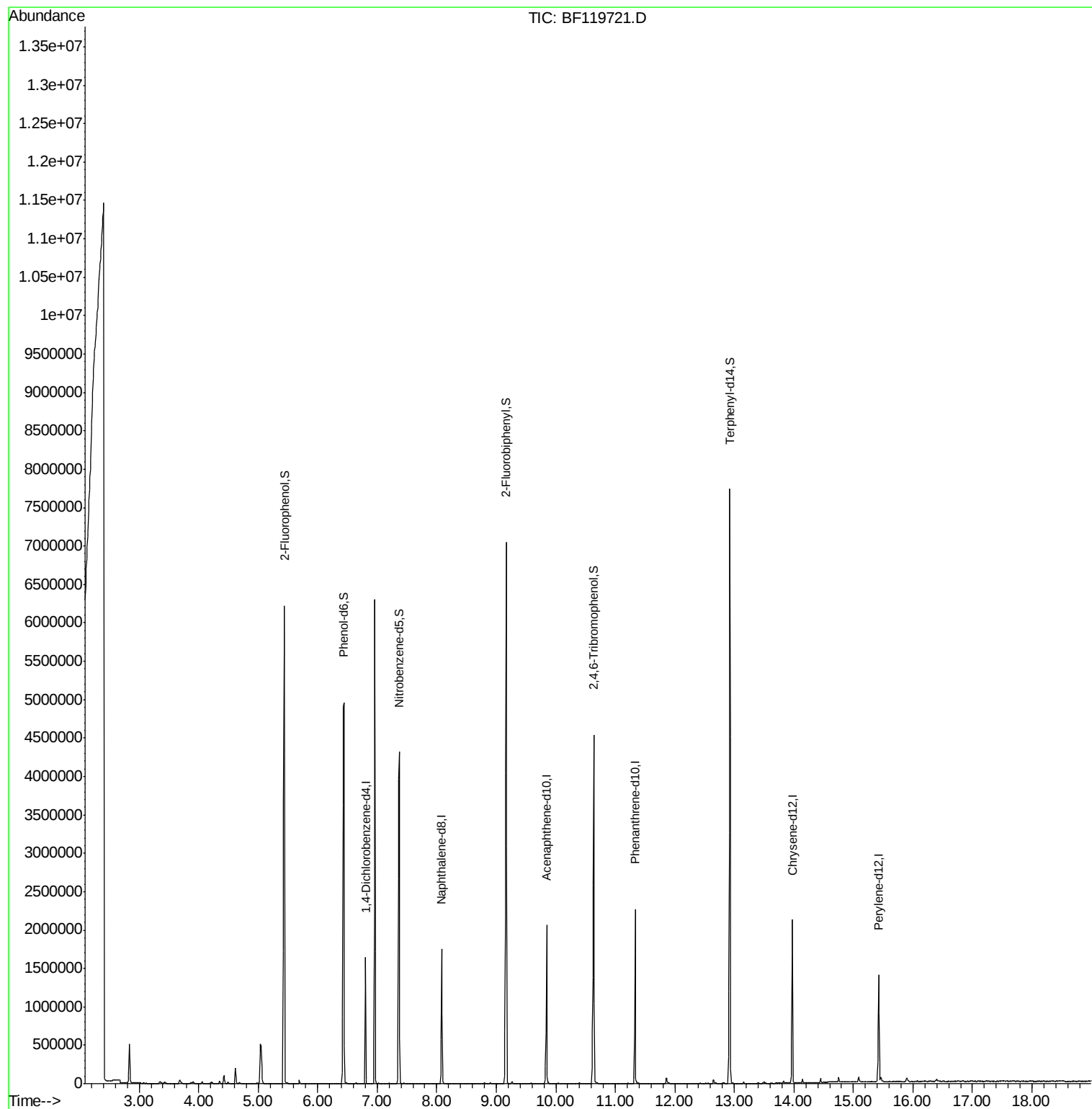
Target Compounds Qvalue

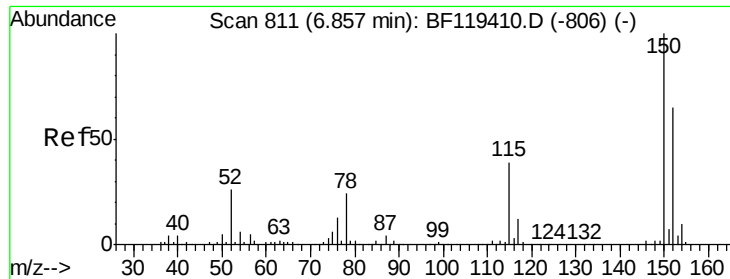
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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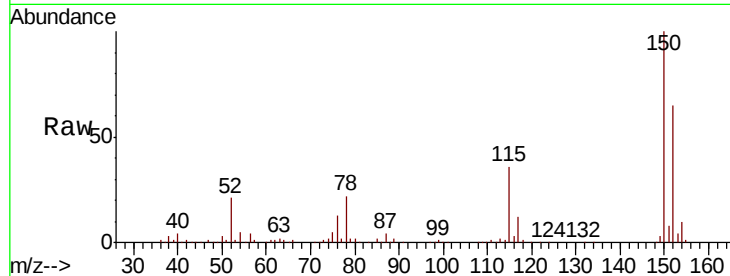


#1

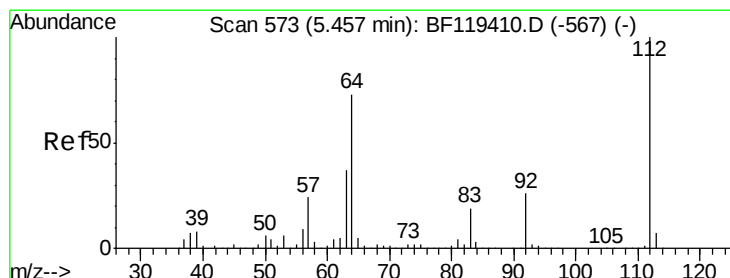
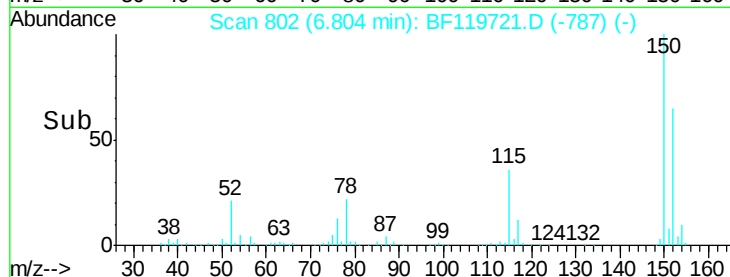
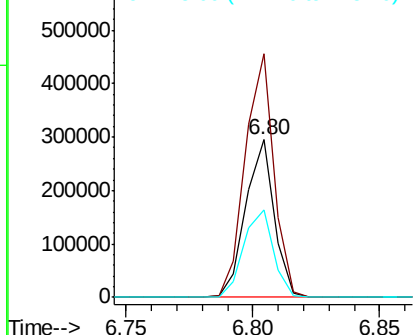
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119721.D
Acq: 3 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
TP-70-71-COMP

Tot Ion:152 Resp: 230421
Ion Ratio Lower Upper
152 100
150 154.4 124.5 186.7
115 55.7 49.6 74.4



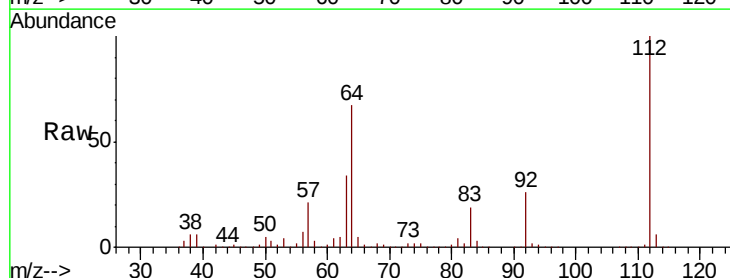
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



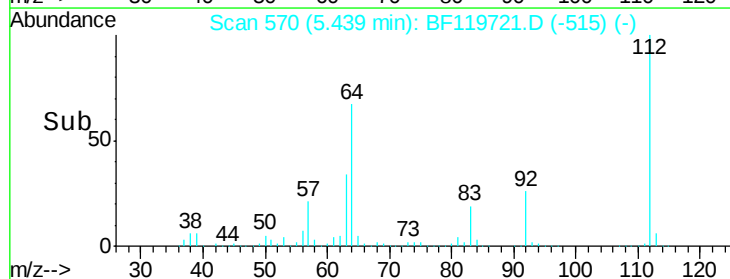
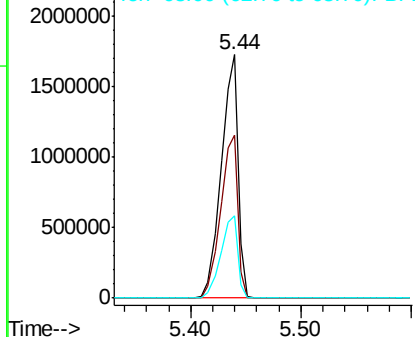
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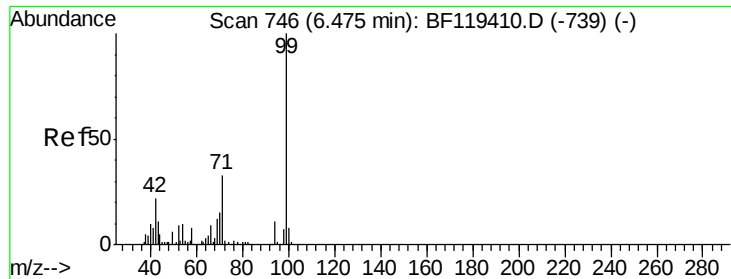
2-Fluorophenol
Concen: 126.347 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119721.D
Acq: 3 Apr 2020 16:08

Tgt Ion:112 Resp: 1828819
Ion Ratio Lower Upper
112 100
64 66.8 56.7 85.1
63 34.0 29.5 44.3



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: 116.341 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119721.D

Acq: 3 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

TP-70-71-COMP

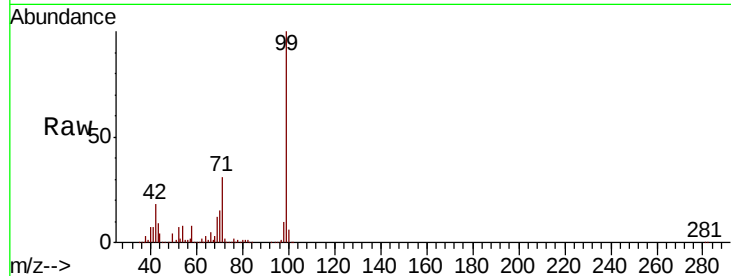
Tot Ion: 99 Resp: 2151168

Ion Ratio Lower Upper

99 100

42 17.8 16.6 24.8

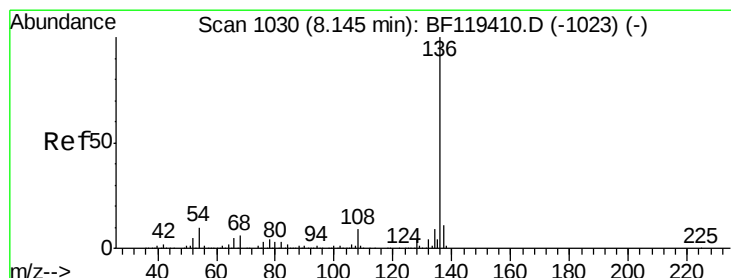
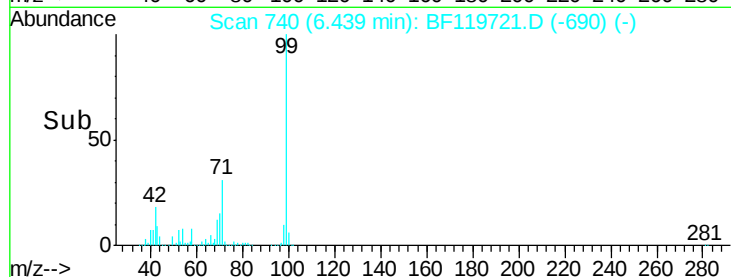
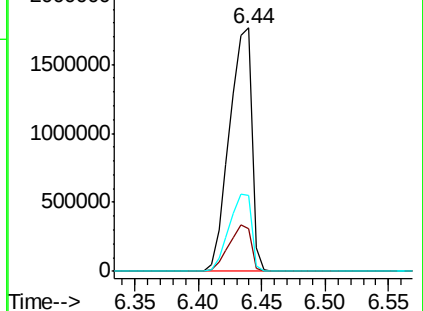
71 31.2 26.4 39.6



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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119721.D

Acq: 3 Apr 2020 16:08

Tgt Ion: 136 Resp: 856404

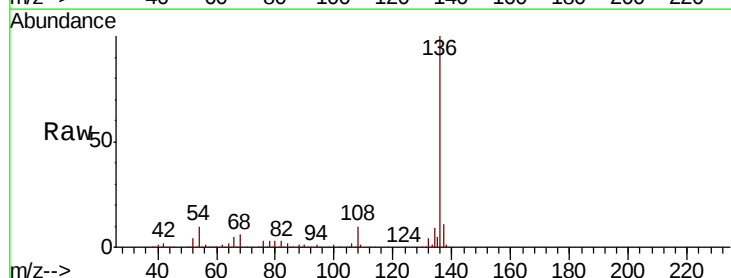
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.0 9.1 13.7

68 6.0 4.6 6.8

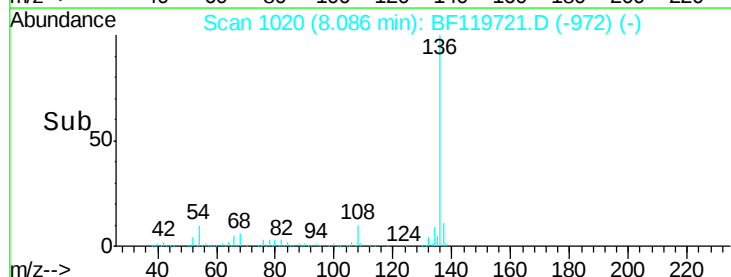
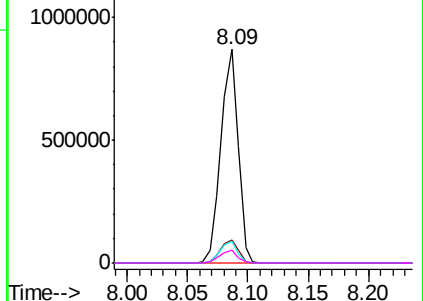


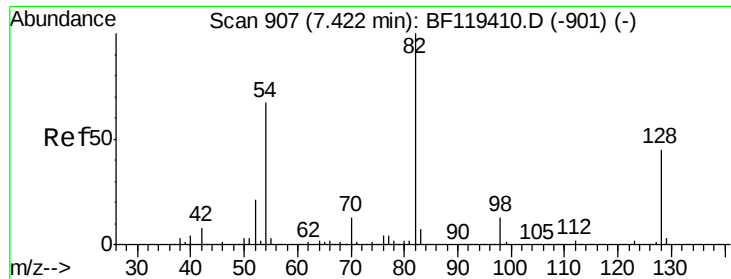
Abundance Ion 136.00 (135.70 to 136.70): E

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

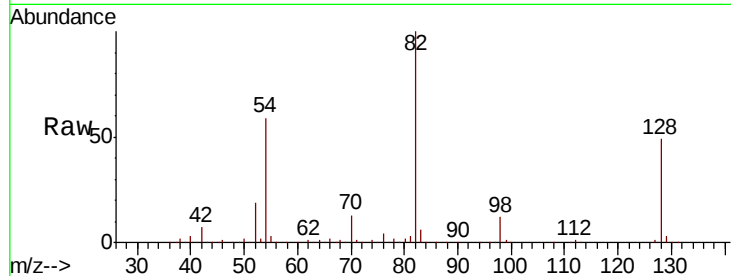




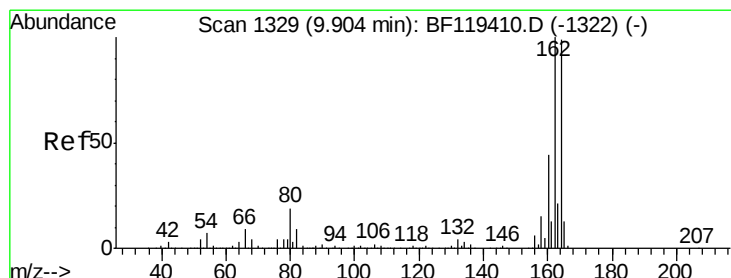
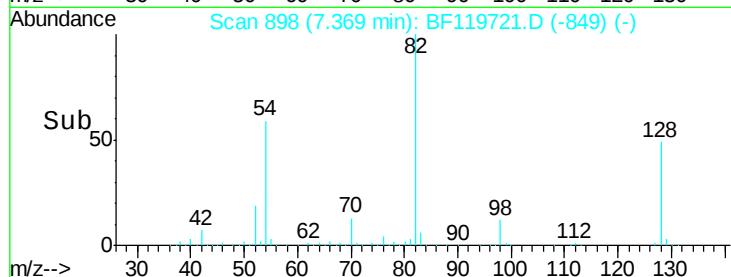
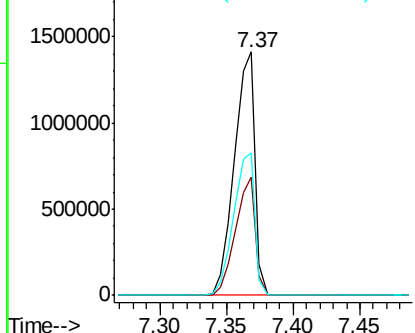
#23
 Nitrobenzene-d5
 Concen: 97.126 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF119721.D
 Acq: 3 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-70-71-COMP

Tot Ion: 82 Resp: 1530500
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.3 54.5
 54 58.7 50.6 75.8

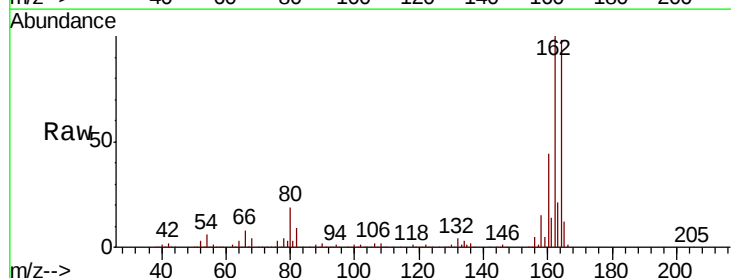


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

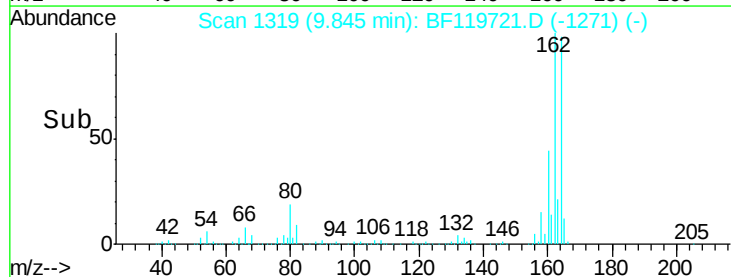
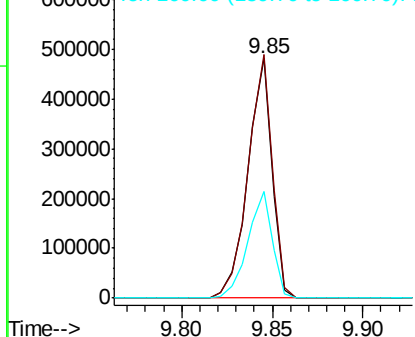


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119721.D
 Acq: 3 Apr 2020 16:08

Tgt Ion:164 Resp: 444491
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.6 121.0
 160 44.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

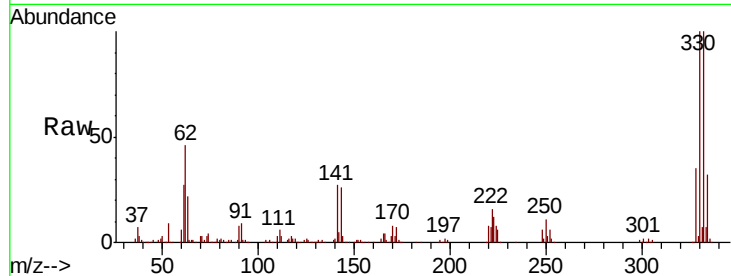




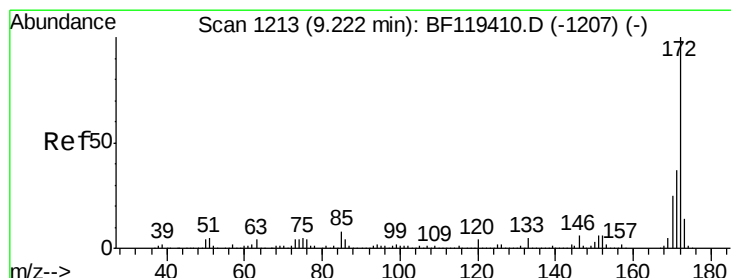
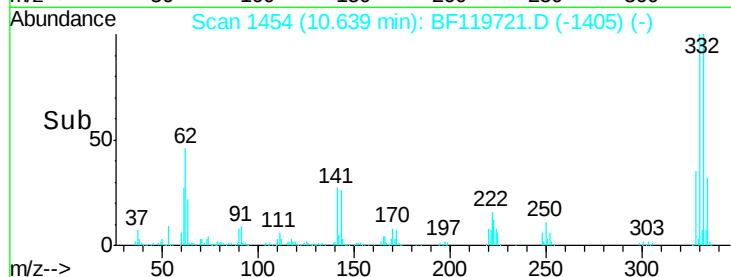
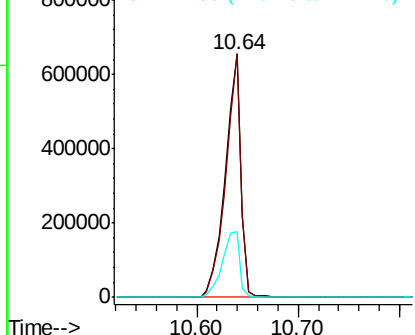
#42
 2,4,6-Tribromophenol
 Concen: 152.888 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119721.D
 Acq: 3 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-70-71-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.7	113.5
141	30.1	25.4	38.0

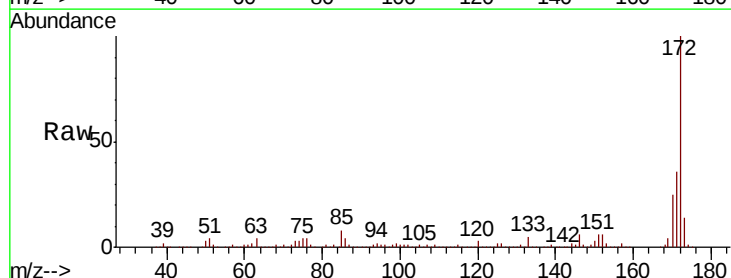


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

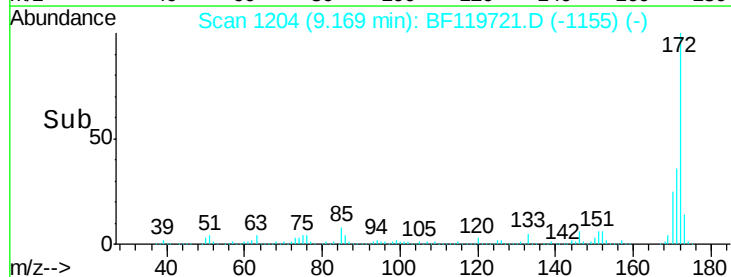
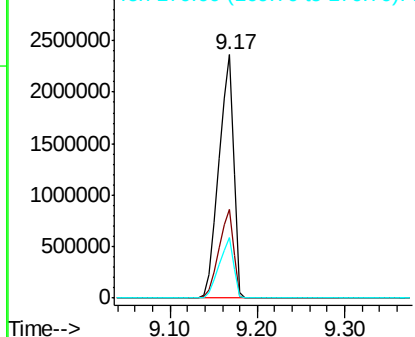


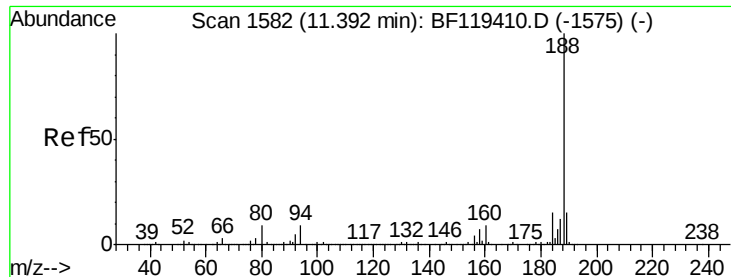
#45
 2-Fluorobiphenyl
 Concen: 93.375 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119721.D
 Acq: 3 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.8	20.2	30.2



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

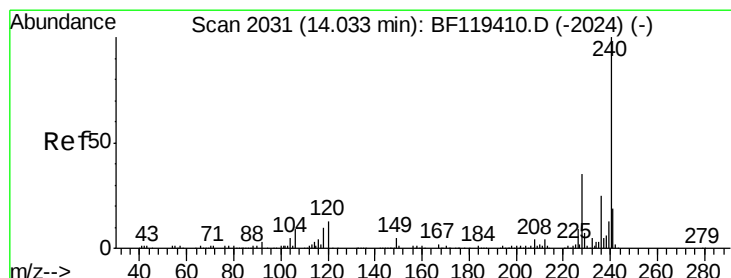
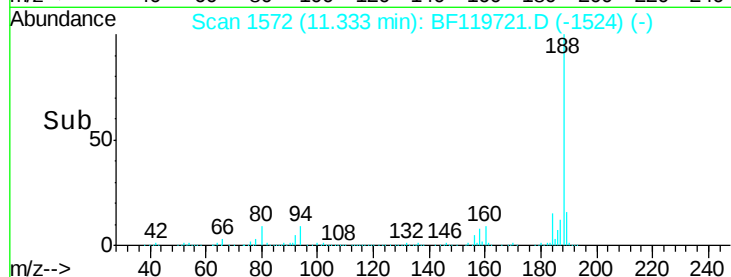
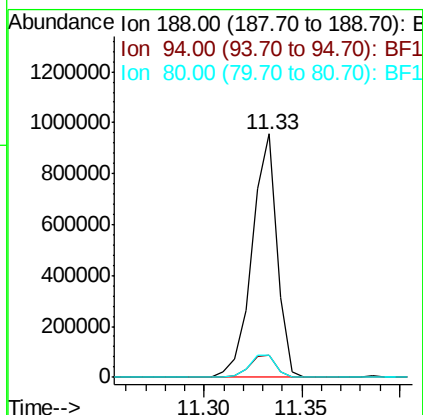
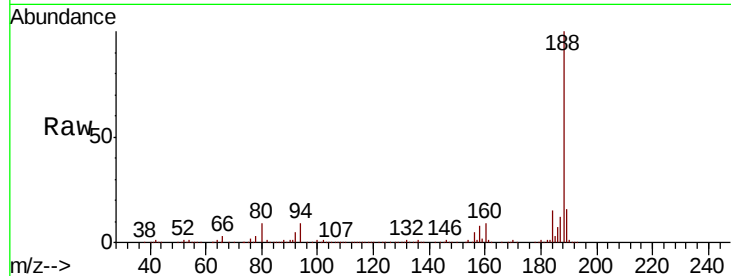




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119721.D
Acq: 3 Apr 2020 16:08

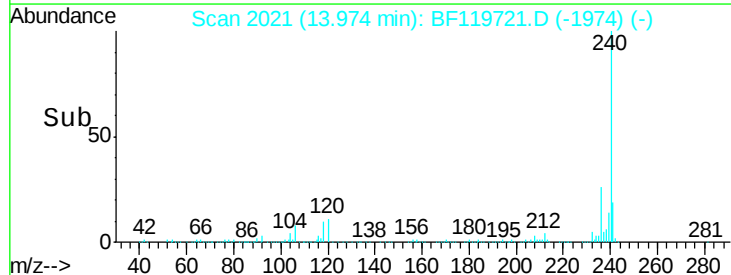
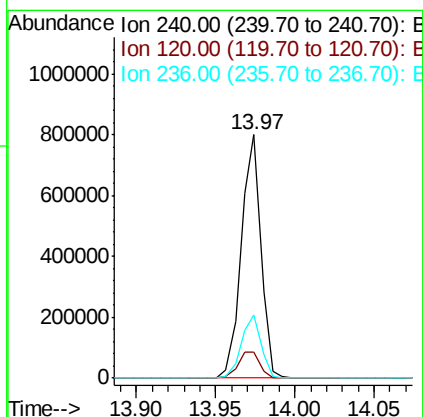
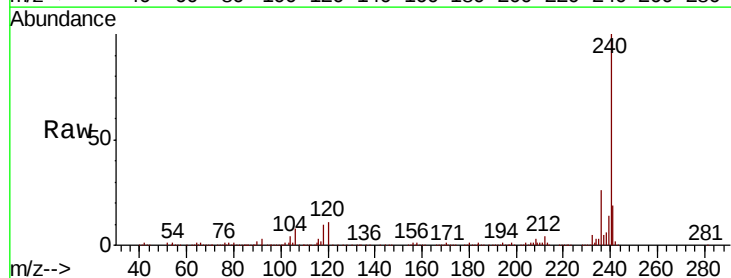
Instrument :
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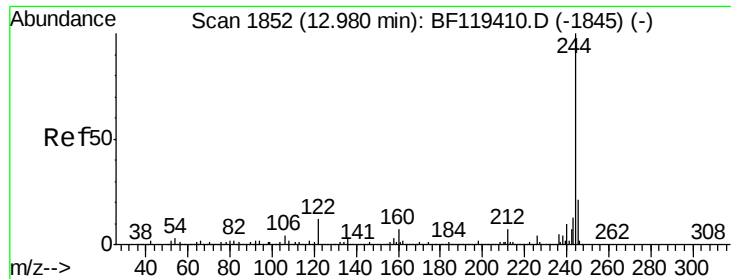
Tot Ion:188 Resp: 846035
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF119721.D
Acq: 3 Apr 2020 16:08

Tgt Ion:240 Resp: 685714
Ion Ratio Lower Upper
240 100
120 10.9 10.6 15.8
236 26.1 20.2 30.2





#79

Terphenyl-d14

Concen: 90.032 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119721.D

Acq: 3 Apr 2020 16:08

Instrument :

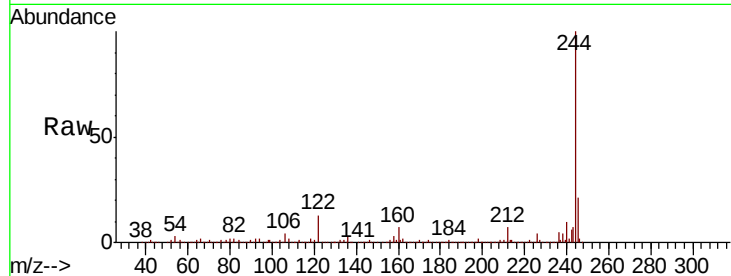
BNA_F

ClientSampleId :

TP-70-71-COMP

Tot Ion:244 Resp: 3151069

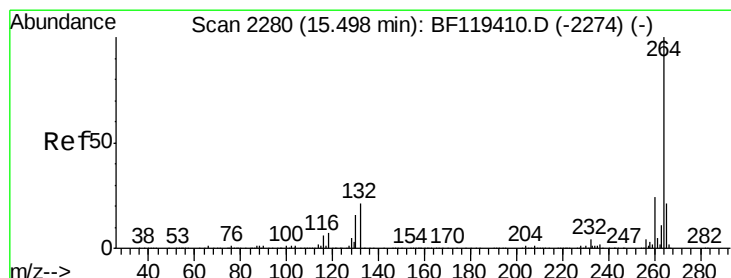
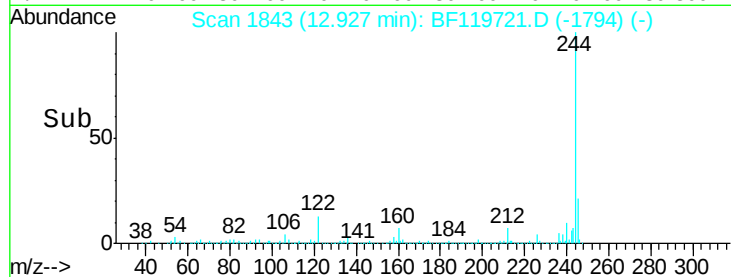
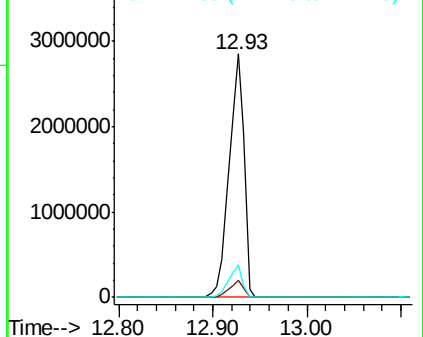
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.1	10.3	15.5



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: 15.43 min Scan# 2268

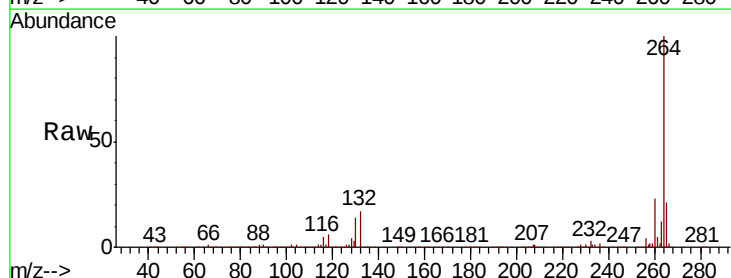
Delta R.T. -0.02 min

Lab File: BF119721.D

Acq: 3 Apr 2020 16:08

Tgt Ion:264 Resp: 638351

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.9	17.7	26.5



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

