

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119490.D
 Acq On : 24 Mar 2020 16:28
 Operator : CG/JU
 Sample : L2020-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUB

Quant Time: Mar 24 17:15:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

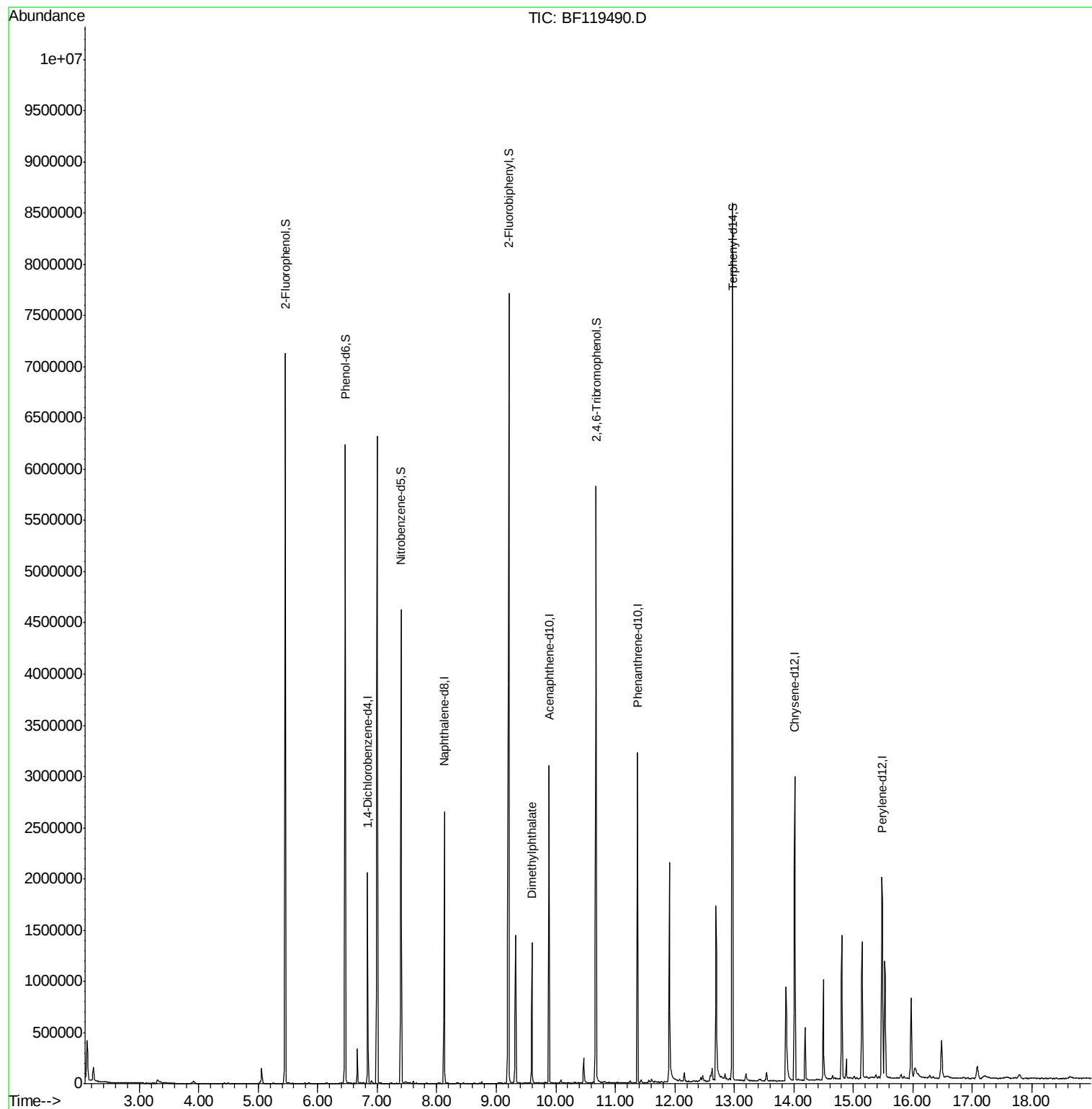
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	295149	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1118270	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	581062	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1140931	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	959438	20.00	ng	-0.02
87) Perylene-d12	15.48	264	918088	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1819533	98.14	ng	0.00
7) Phenol-d6	6.46	99	2324453	98.14	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1444061	70.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	676160	112.79	ng	-0.02
45) 2-Fluorobiphenyl	9.21	172	2699717	68.83	ng	-0.01
79) Terphenyl-d14	12.97	244	3170166	64.74	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.60	163	482640	11.694	ng	Qvalue 99

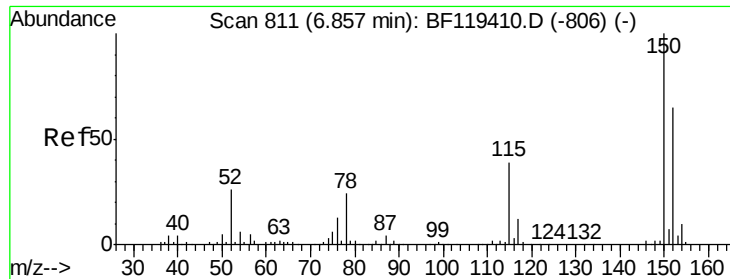
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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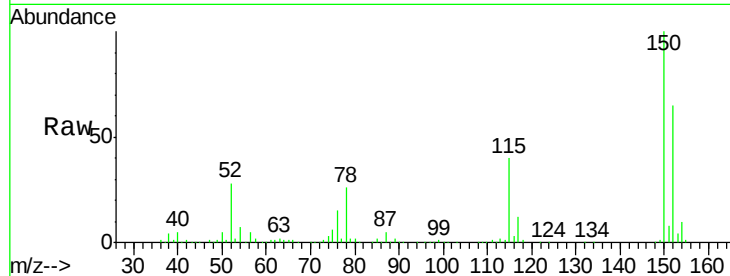


#1

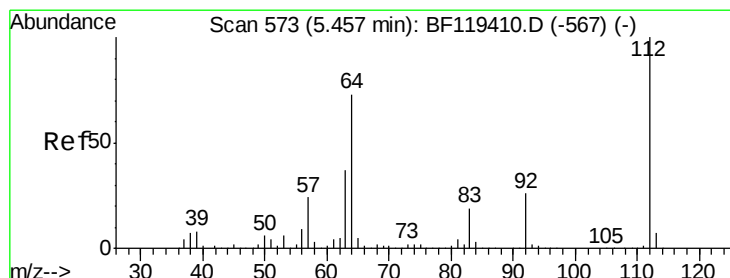
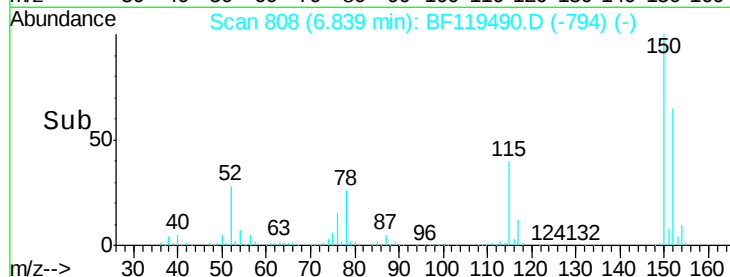
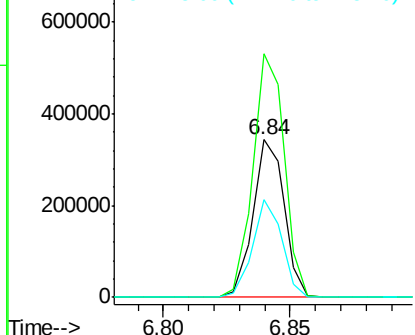
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119490.D
Acq: 24 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUB

Tot Ion:152 Resp: 295149
Ion Ratio Lower Upper
152 100
150 154.4 123.9 185.9
115 61.9 47.8 71.6



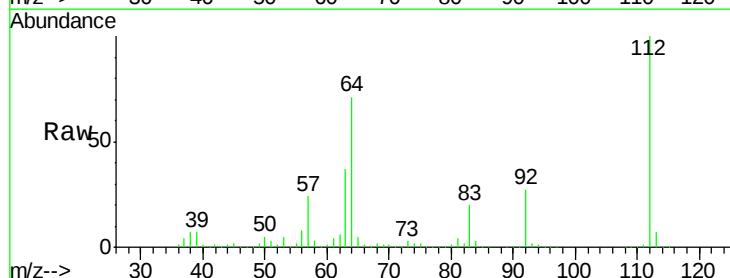
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



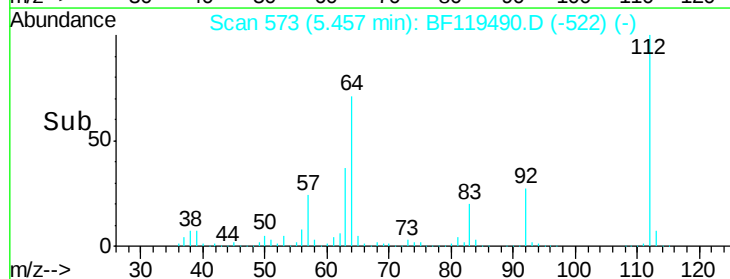
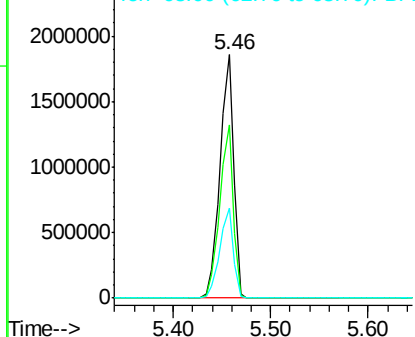
#5

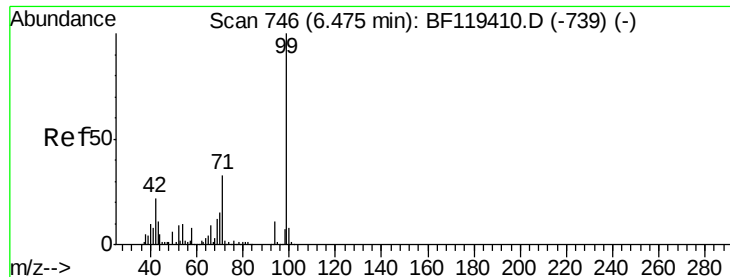
2-Fluorophenol
Concen: 98.138 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF119490.D
Acq: 24 Mar 2020 16:28

Tgt Ion:112 Resp: 1819533
Ion Ratio Lower Upper
112 100
64 71.0 58.1 87.1
63 37.2 29.7 44.5



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: 98.143 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF119490.D

Acq: 24 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUB

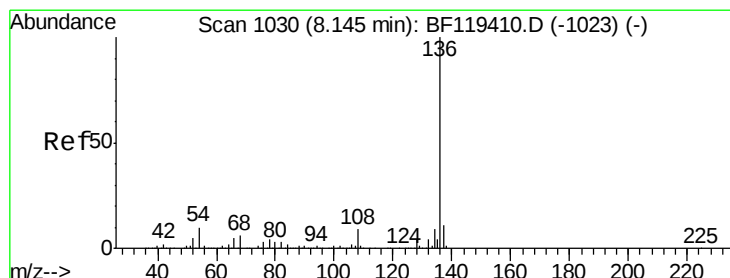
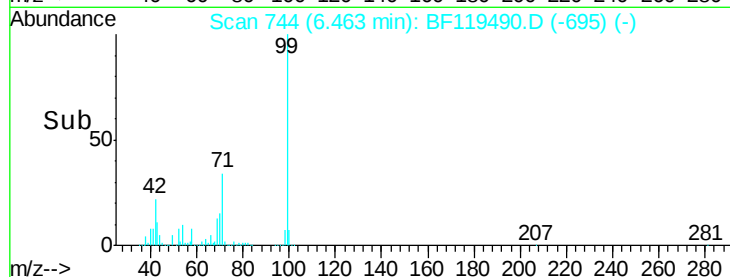
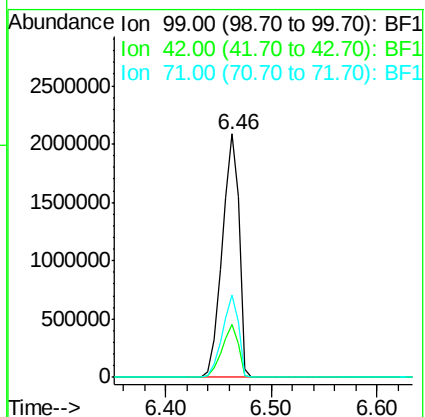
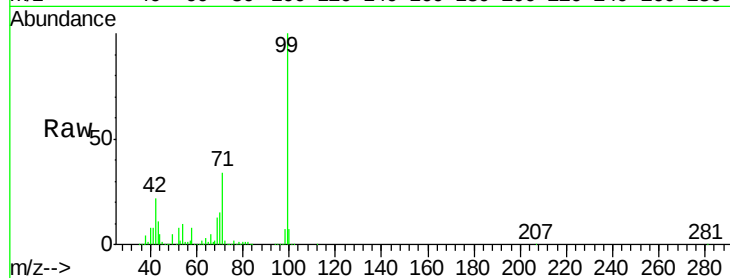
Tot Ion: 99 Resp: 2324453

Ion Ratio Lower Upper

99 100

42 21.8 17.8 26.6

71 34.0 26.0 39.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119490.D

Acq: 24 Mar 2020 16:28

Tgt Ion: 136 Resp: 1118270

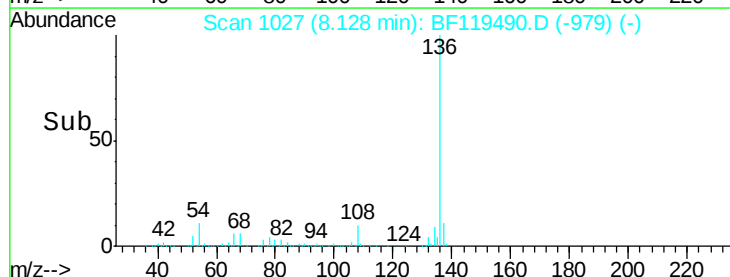
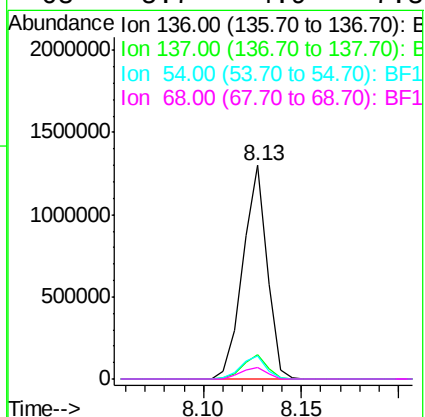
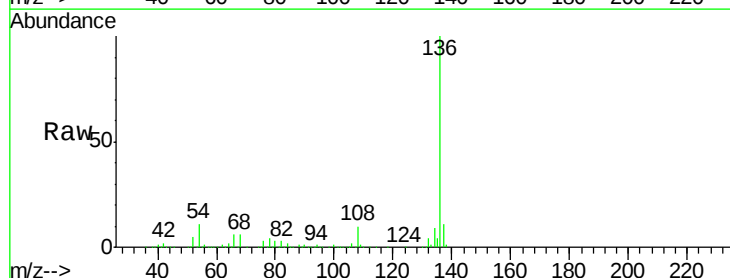
Ion Ratio Lower Upper

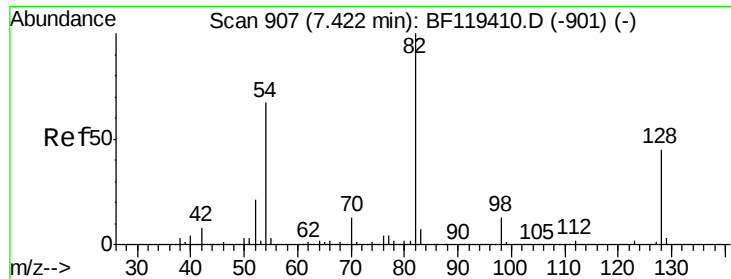
136 100

137 11.3 8.4 12.6

54 10.9 8.3 12.5

68 5.7 4.9 7.3

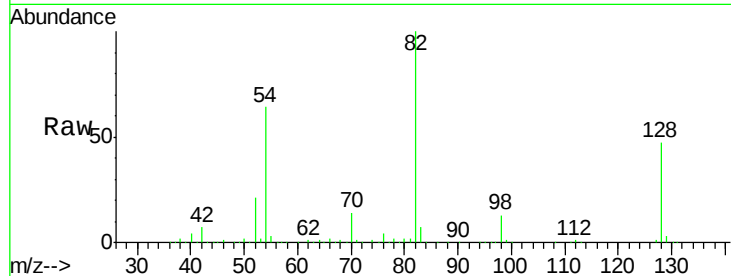




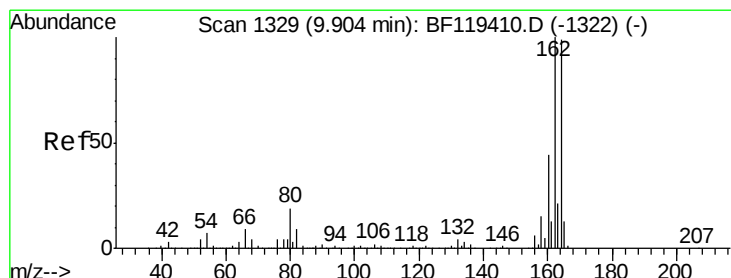
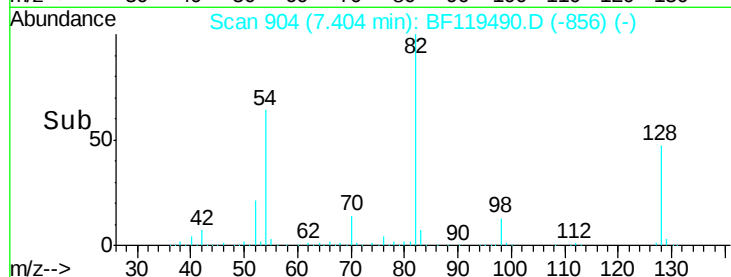
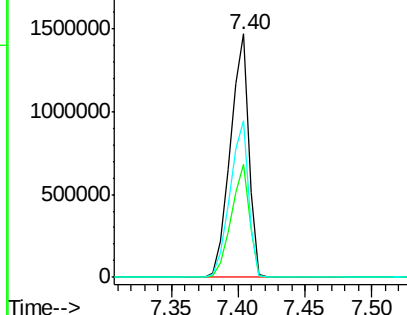
#23
Nitrobenzene-d5
Concen: 70.181 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF119490.D
Acq: 24 Mar 2020 16:28

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUB

Tot Ion: 82 Resp: 1444061
Ion Ratio Lower Upper
82 100
128 46.6 35.8 53.8
54 64.4 53.4 80.0

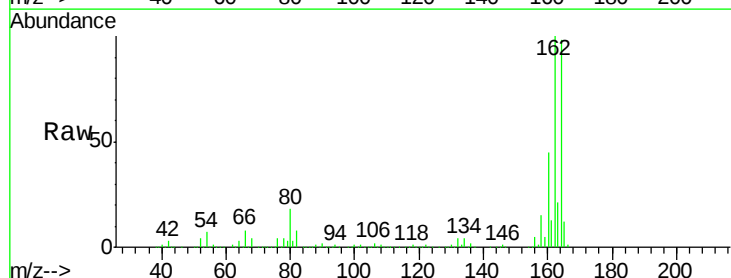


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

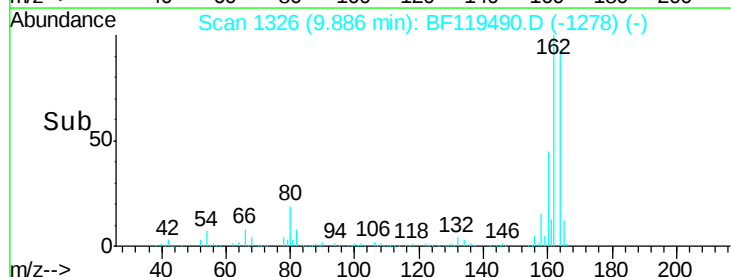
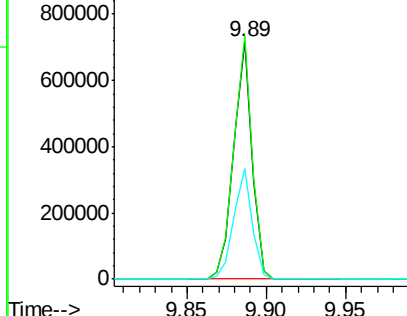


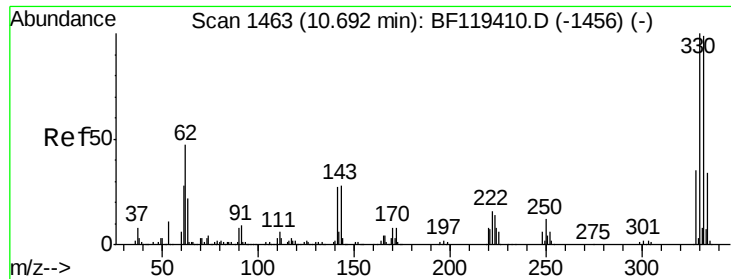
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119490.D
Acq: 24 Mar 2020 16:28

Tgt Ion: 164 Resp: 581062
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 46.4 35.5 53.3



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

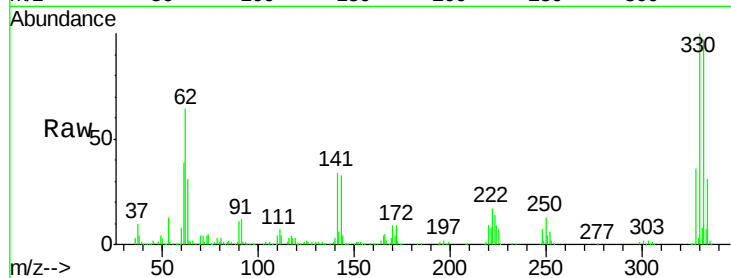




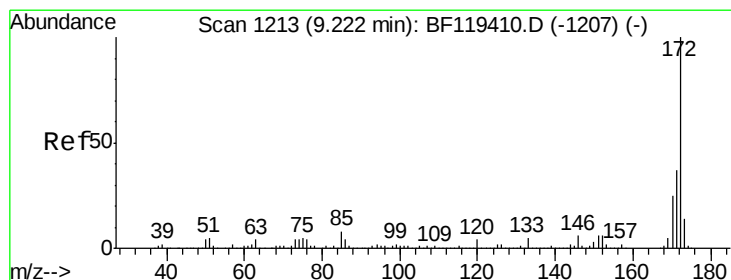
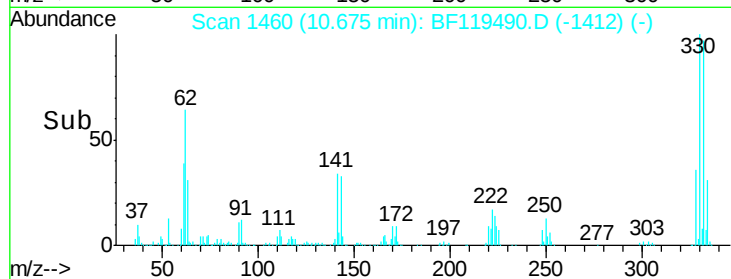
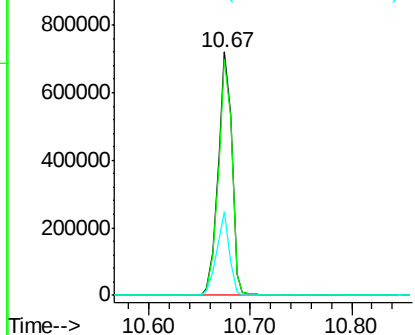
#42
 2,4,6-Tribromophenol
 Concen: 112.795 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BF119490.D
 Acq: 24 Mar 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	32.0	26.6	40.0

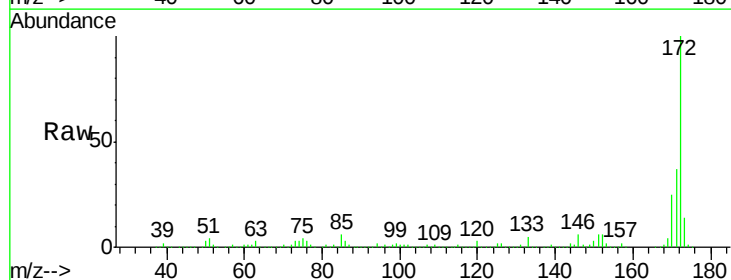


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

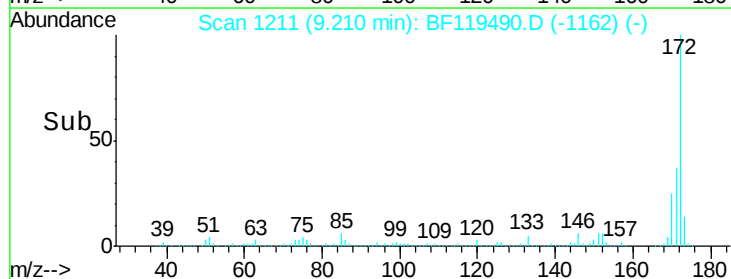
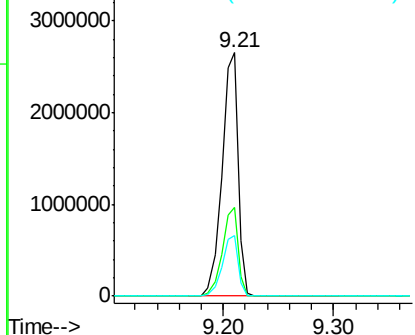


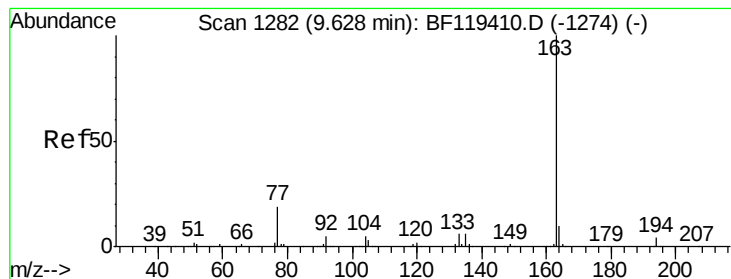
#45
 2-Fluorobiphenyl
 Concen: 68.832 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119490.D
 Acq: 24 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	24.8	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





#50

Dimethylphthalate

Concen: 11.694 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.03 min

Lab File: BF119490.D

Acq: 24 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUB

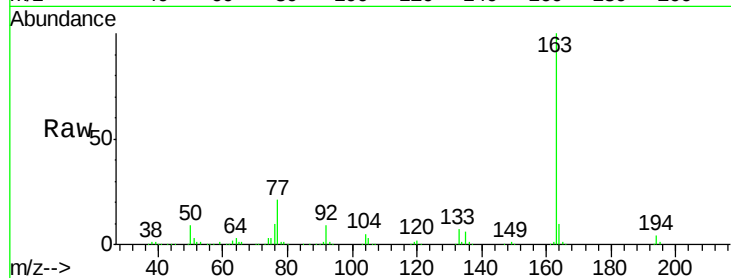
Tot Ion:163 Resp: 482640

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

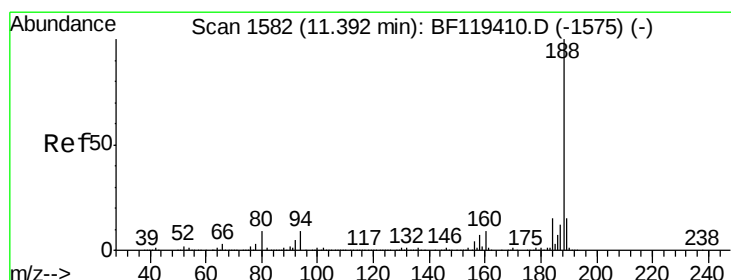
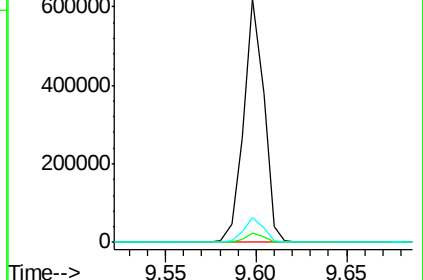
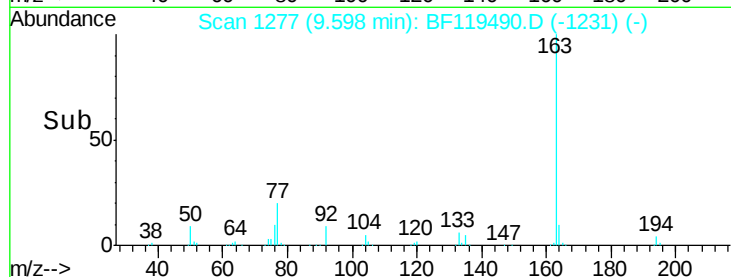
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF119490.D

Acq: 24 Mar 2020 16:28

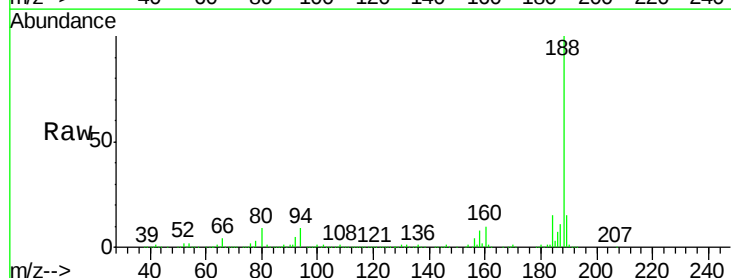
Tgt Ion:188 Resp: 1140931

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

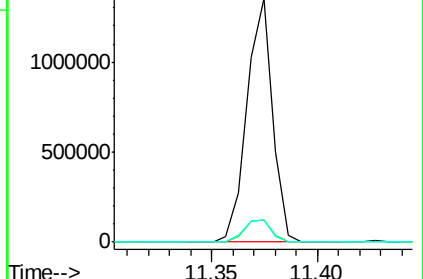
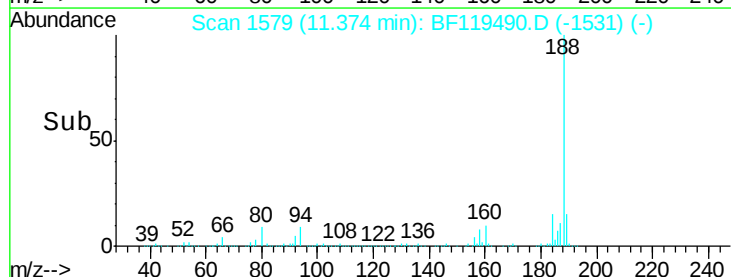
80 9.0 7.5 11.3

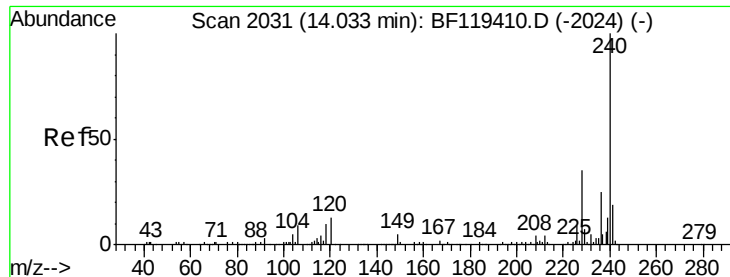


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

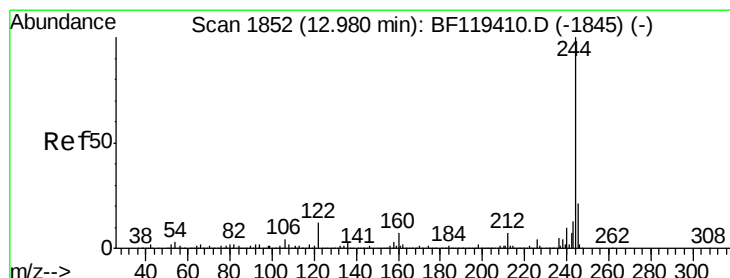
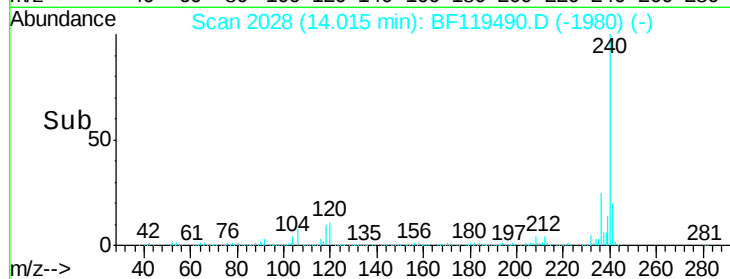
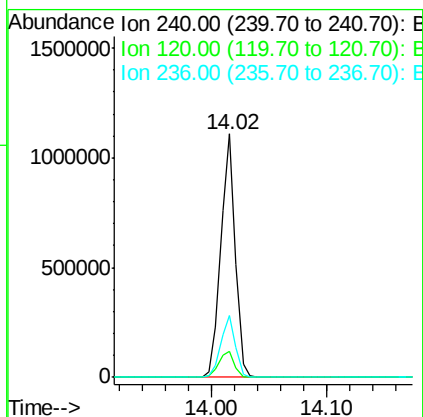
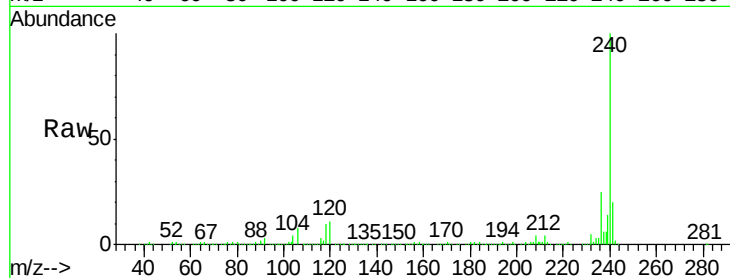




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF119490.D
 Acq: 24 Mar 2020 16:28

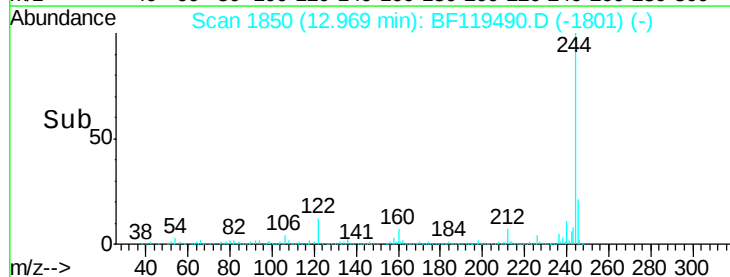
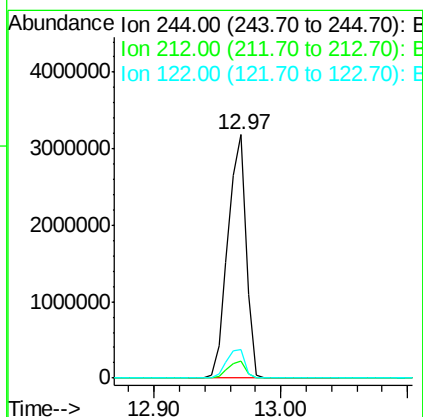
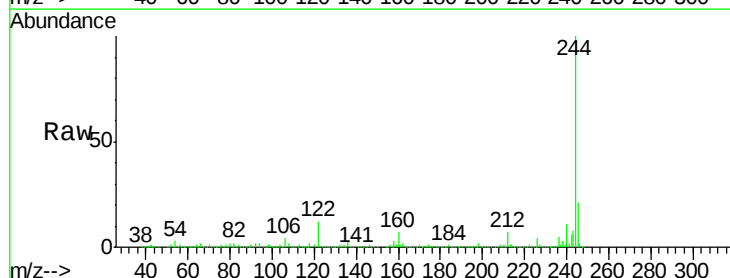
Instrument :
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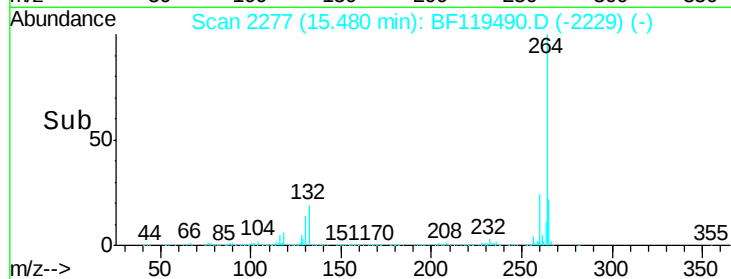
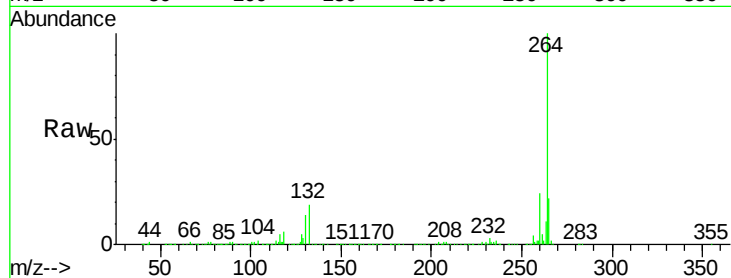
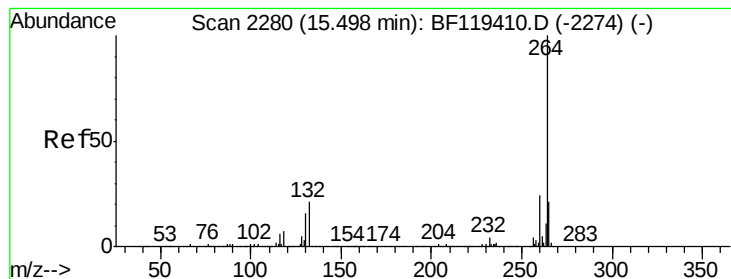
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.2	15.4
236	25.4	20.4	30.6



#79
 Terphenyl-d14
 Concen: 64.736 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119490.D
 Acq: 24 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.6	9.8	14.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF119490.D

Acq: 24 Mar 2020 16:28

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUB

Tot Ion:264 Resp: 918088

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 16.9 25.3

