

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119585.D
 Acq On : 27 Mar 2020 23:38
 Operator : CG/JU
 Sample : L2048-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-4

Quant Time: Mar 28 05:48:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

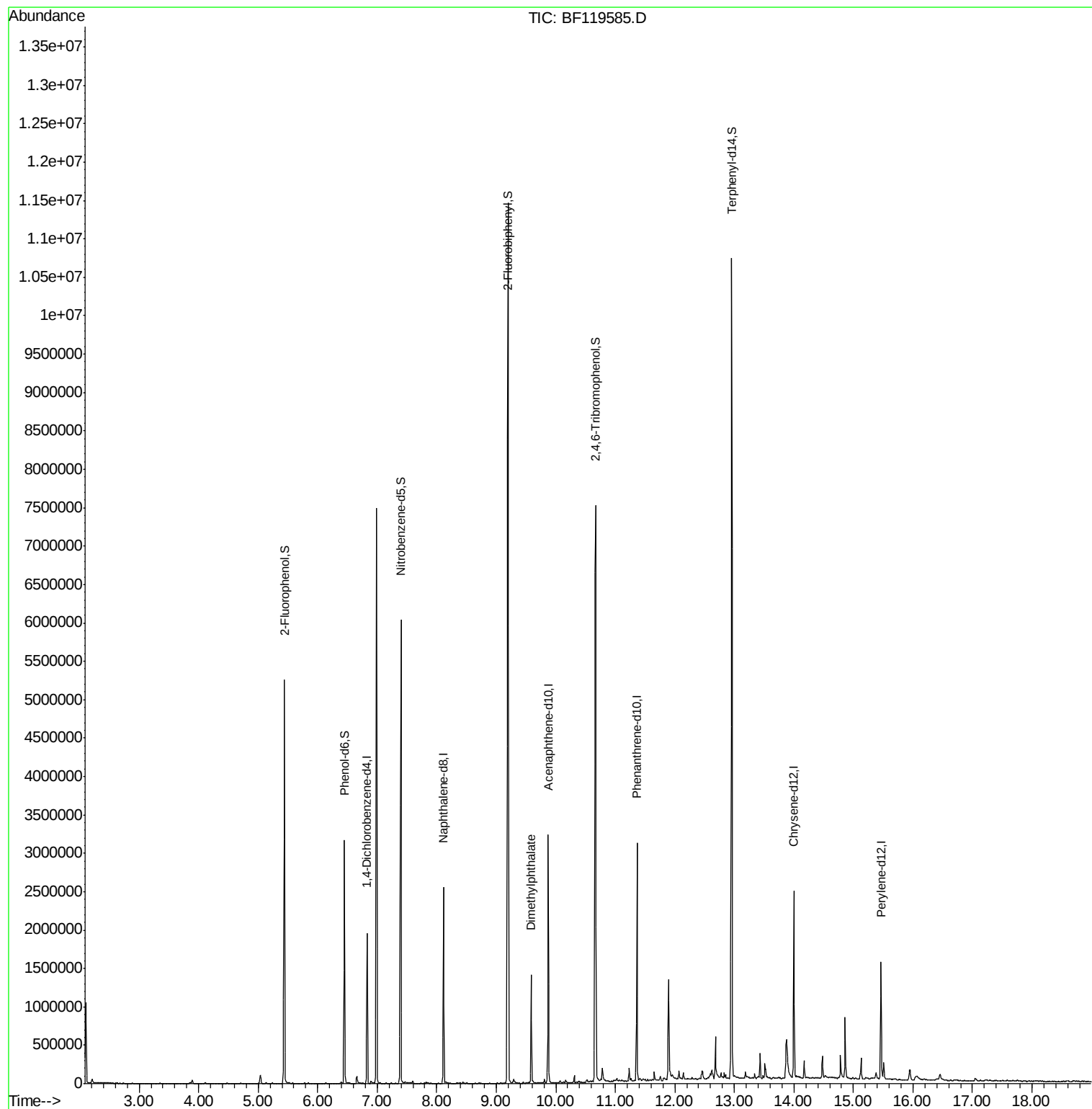
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	292579	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1091289	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	592456	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1143646	20.00	ng	0.00
76) Chrysene-d12	14.00	240	846867	20.00	ng	-0.01
87) Perylene-d12	15.46	264	696686	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1331958	72.47	ng	0.00
7) Phenol-d6	6.45	99	1092415	46.53	ng	-0.01
23) Nitrobenzene-d5	7.40	82	2133022	106.23	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	1056884	172.91	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3834032	95.87	ng	0.00
79) Terphenyl-d14	12.96	244	4245987	98.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	508641	12.087	ng	Qvalue 99

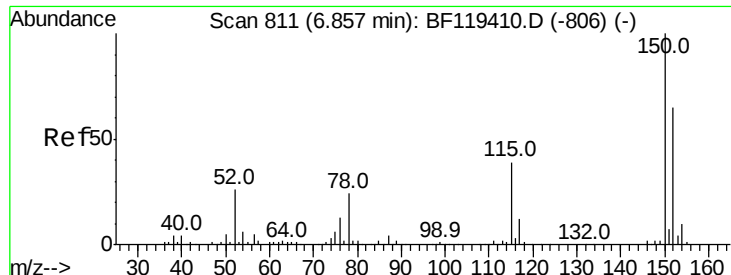
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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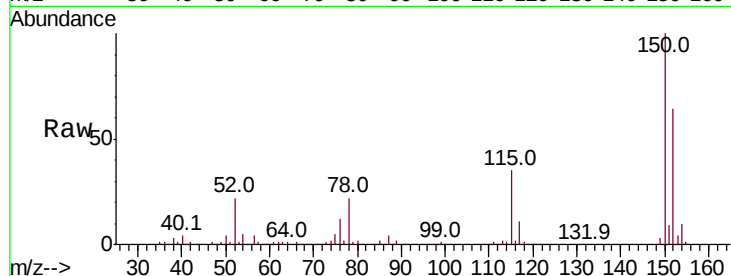


#1

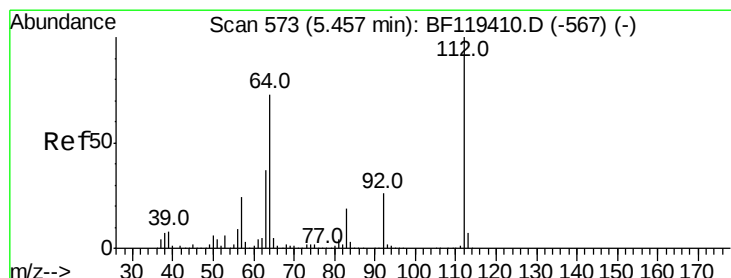
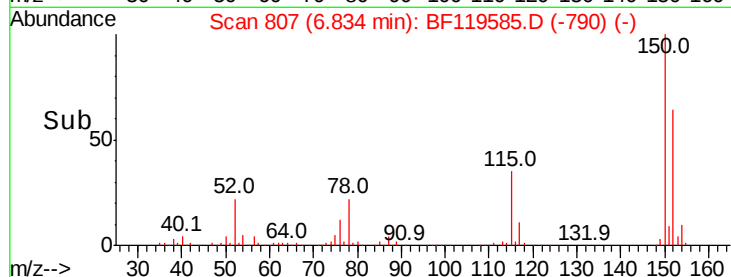
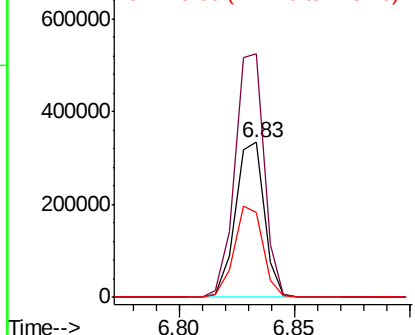
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

Instrument :
BNA_F
ClientSampleId :
GW-4

Tot Ion:152 Resp: 292579
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 54.9 49.6 74.4



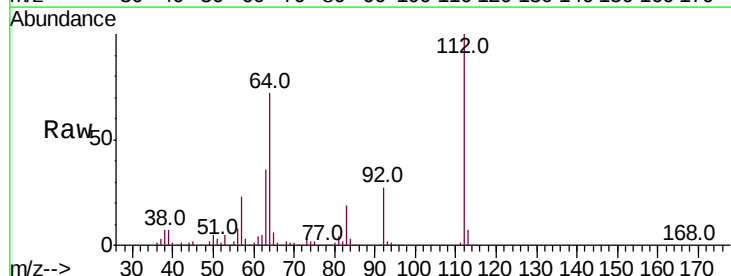
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



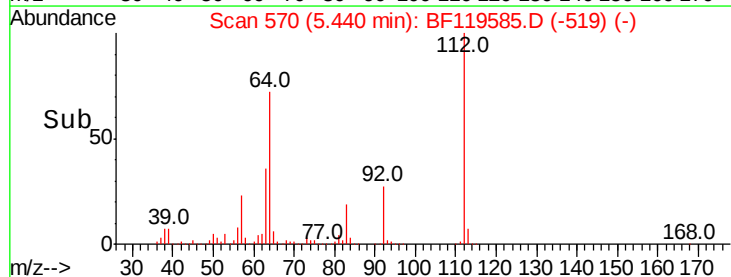
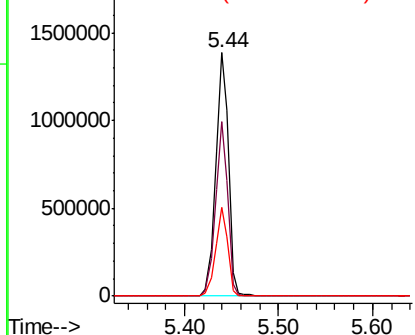
#5

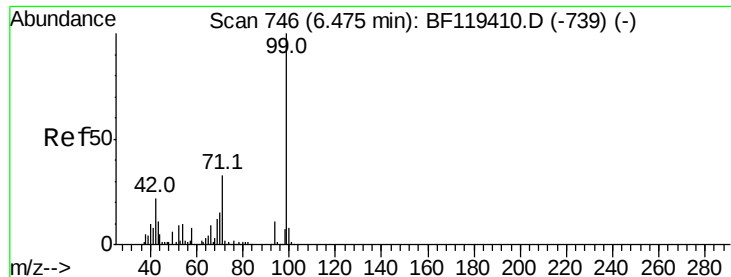
2-Fluorophenol
Concen: 72.471 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

Tgt Ion:112 Resp: 1331958
Ion Ratio Lower Upper
112 100
64 71.6 56.7 85.1
63 36.4 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: 46.529 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119585.D

Acq: 27 Mar 2020 23:38

Instrument :

BNA_F

ClientSampleId :

GW-4

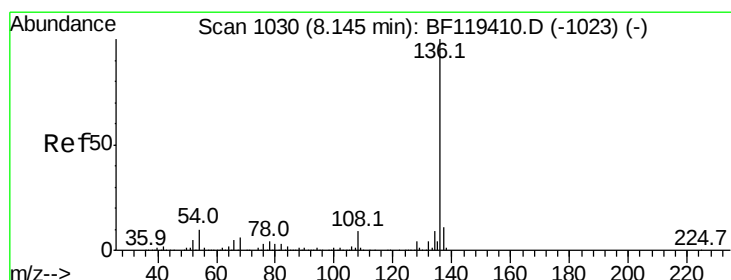
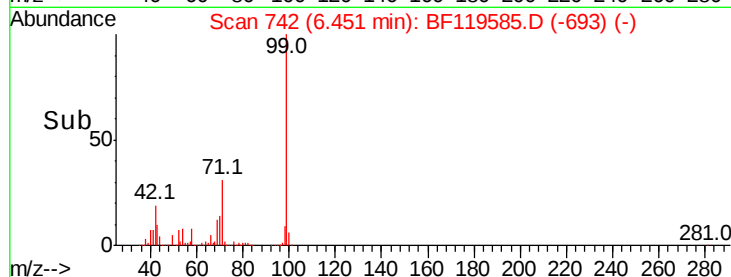
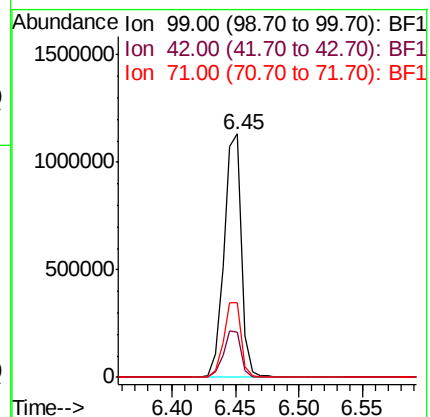
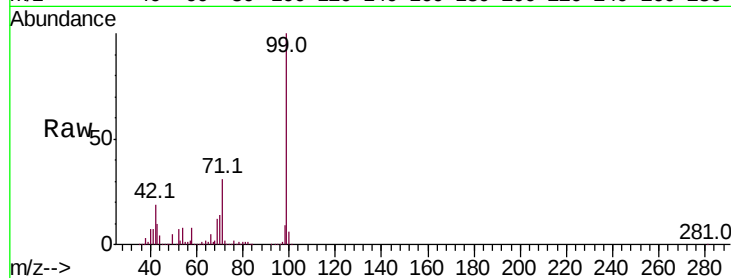
Tot Ion: 99 Resp: 1092415

Ion Ratio Lower Upper

99 100

42 18.5 16.6 24.8

71 30.6 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119585.D

Acq: 27 Mar 2020 23:38

Tgt Ion: 136 Resp: 1091289

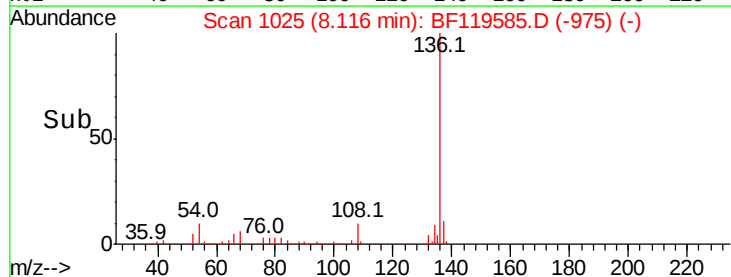
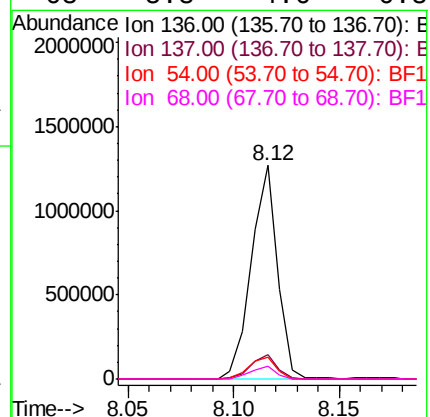
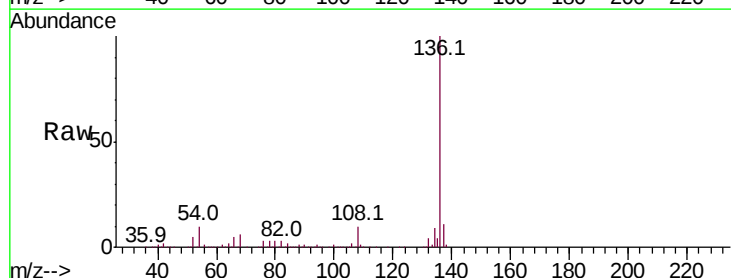
Ion Ratio Lower Upper

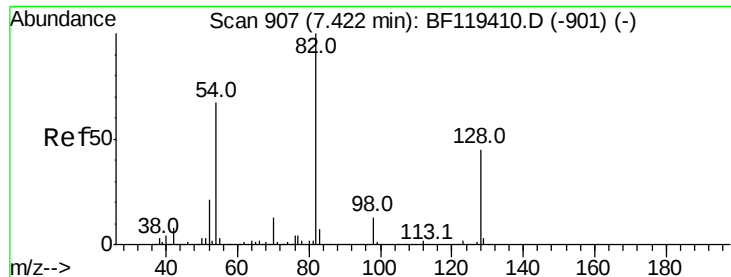
136 100

137 11.2 8.7 13.1

54 10.5 9.1 13.7

68 5.8 4.6 6.8

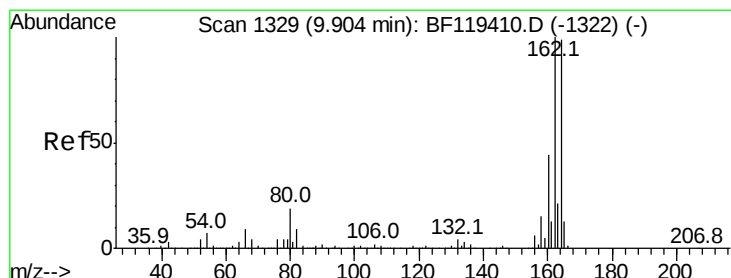
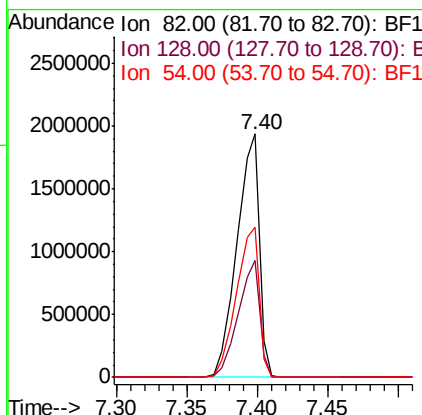
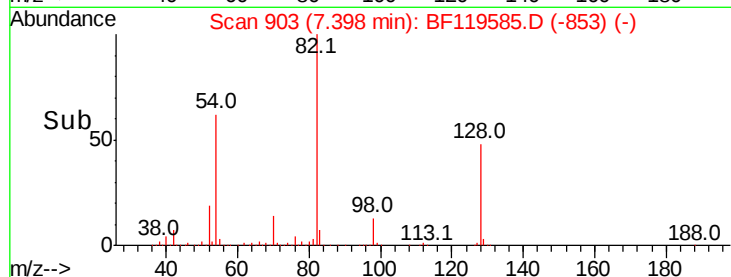
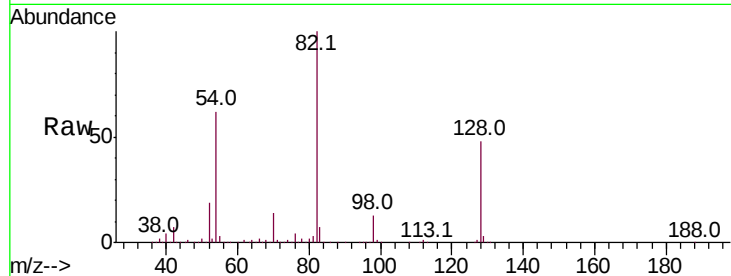




#23
Nitrobenzene-d5
Concen: 106.228 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

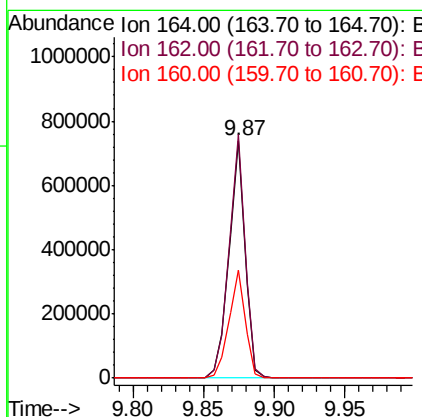
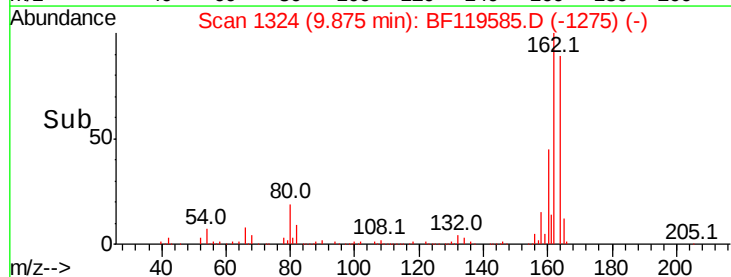
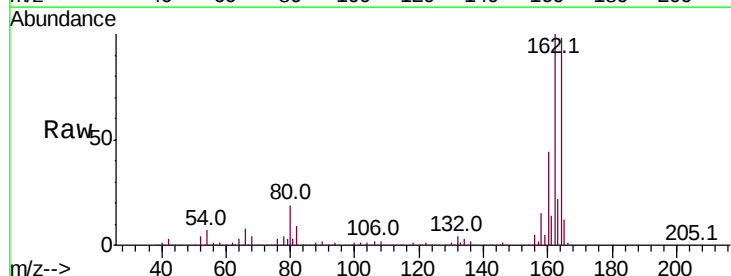
Instrument :
BNA_F
ClientSampleId :
GW-4

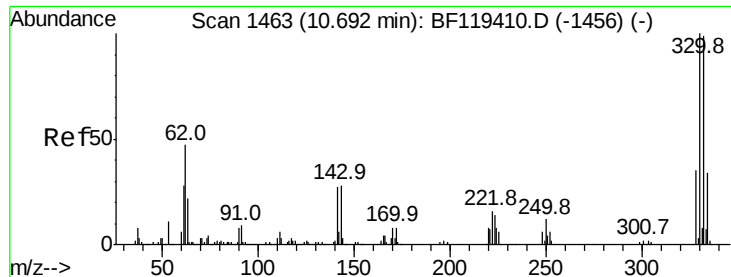
Tot Ion: 82 Resp: 2133022
Ion Ratio Lower Upper
82 100
128 48.2 36.3 54.5
54 61.7 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

Tgt Ion:164 Resp: 592456
Ion Ratio Lower Upper
164 100
162 102.4 80.6 121.0
160 45.4 35.7 53.5



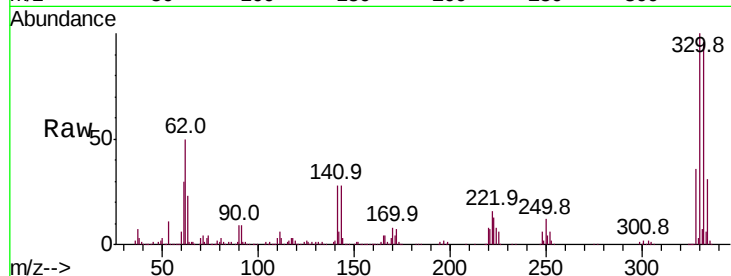


#42
 2,4,6-Tribromophenol
 Concen: 172.915 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119585.D
 Acq: 27 Mar 2020 23:38

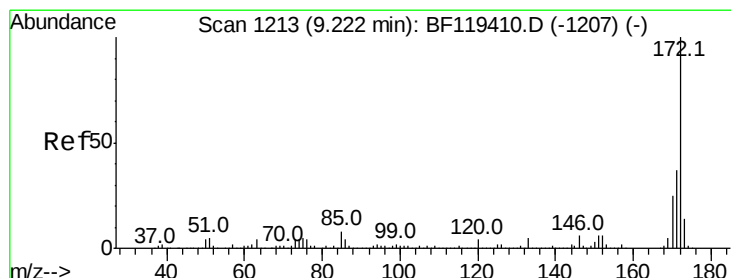
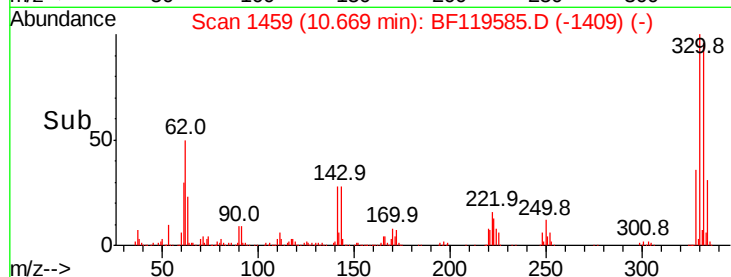
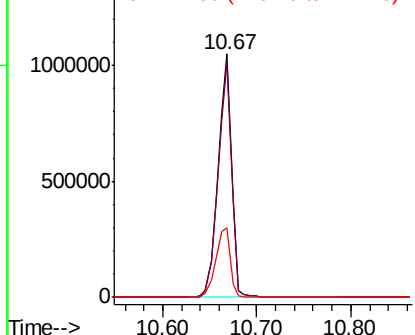
Instrument :
 BNA_F
 ClientSampled :
 GW-4

Tot Ion:330 Resp: 1056884

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	31.3	25.4	38.0



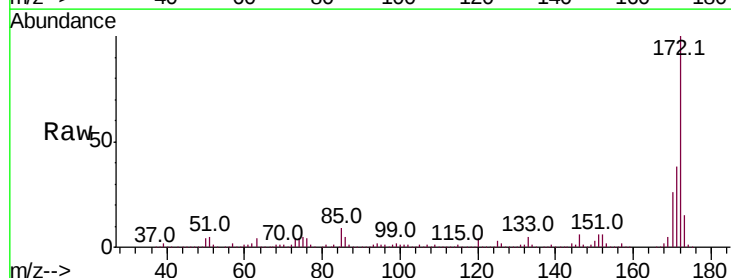
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



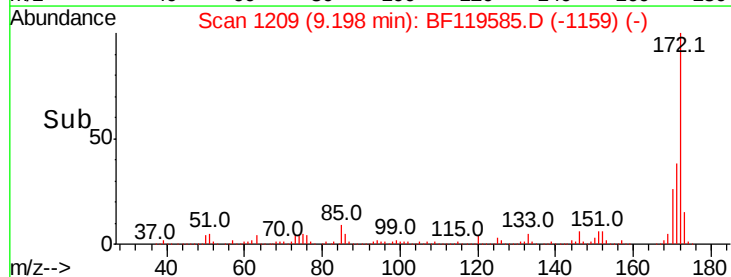
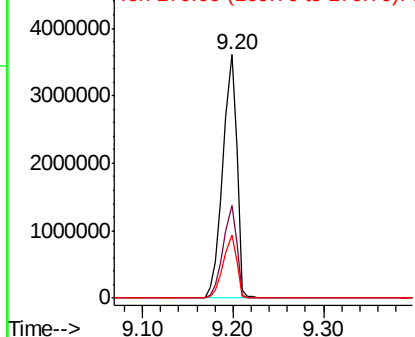
#45
 2-Fluorobiphenyl
 Concen: 95.872 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119585.D
 Acq: 27 Mar 2020 23:38

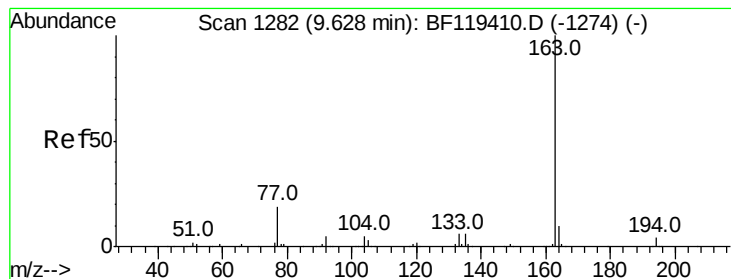
Tgt Ion:172 Resp: 3834032

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.6	44.4
170	26.0	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





#50

Dimethylphthalate

Concen: 12.087 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119585.D

Acq: 27 Mar 2020 23:38

Instrument :

BNA_F

ClientSampleId :

GW-4

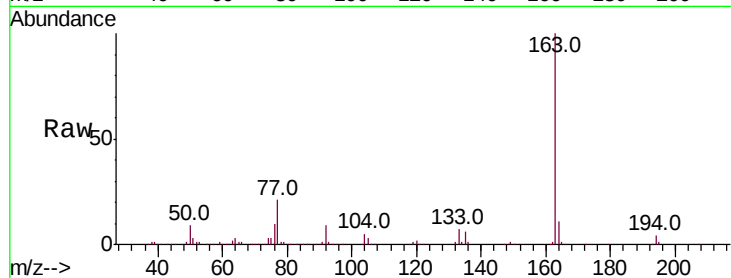
Tot Ion:163 Resp: 508641

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

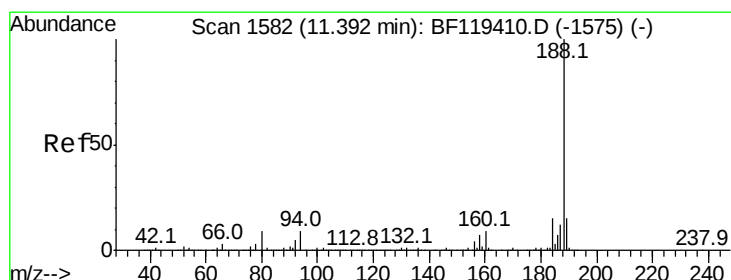
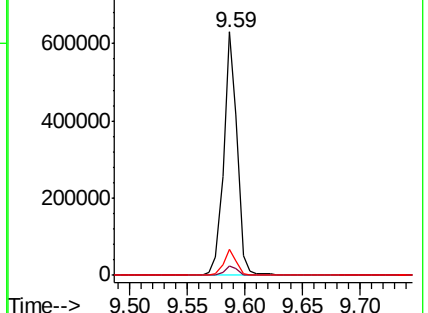
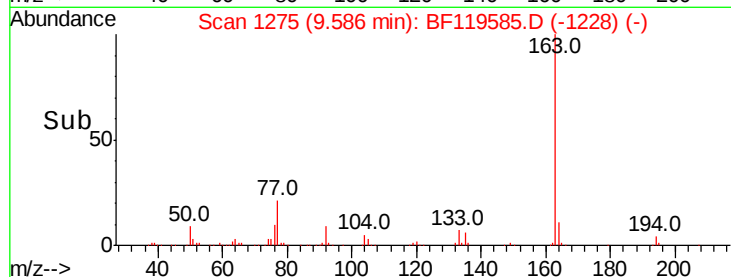
164 10.5 8.2 12.2



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119585.D

Acq: 27 Mar 2020 23:38

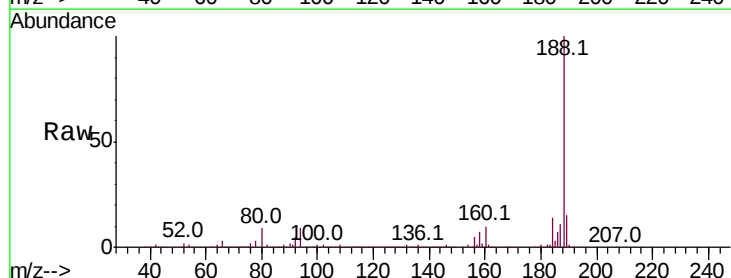
Tgt Ion:188 Resp: 1143646

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

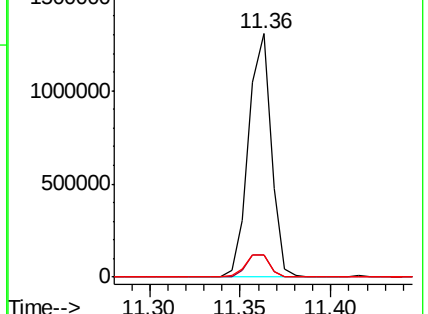
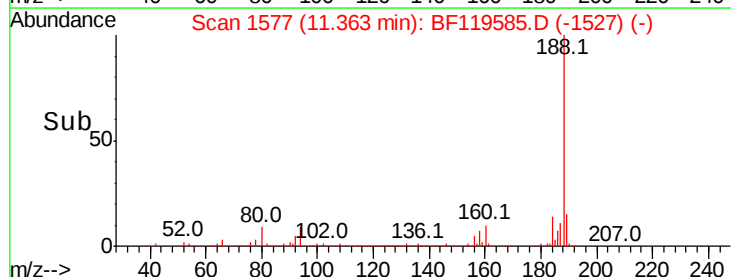
80 9.4 9.0 13.4

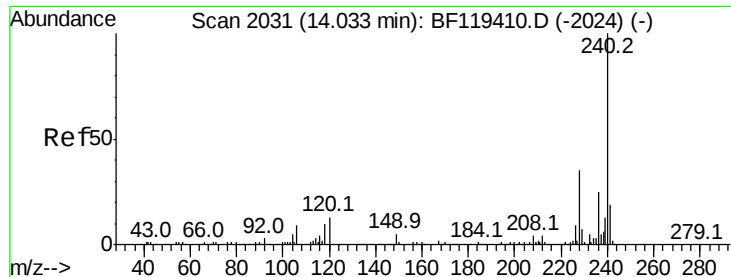


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

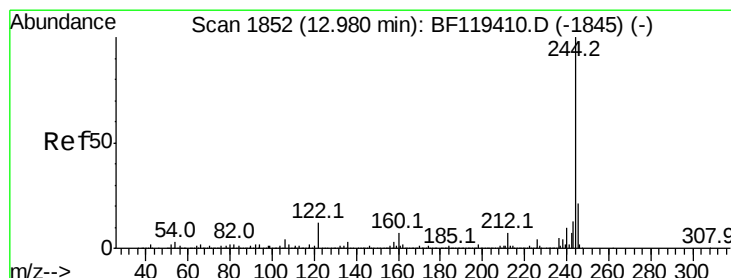
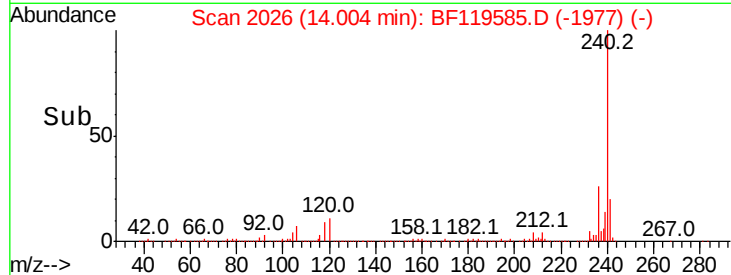
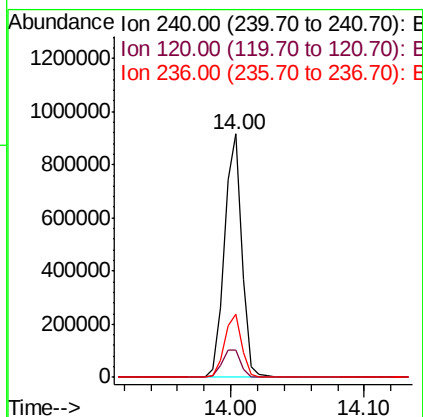
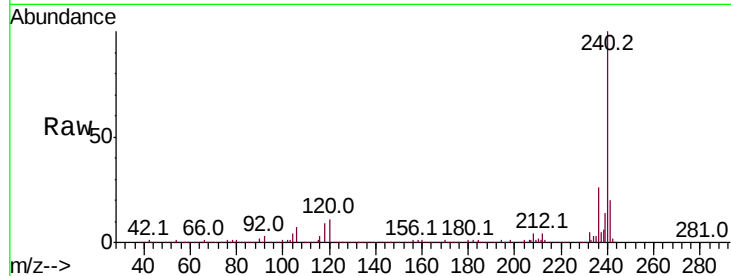




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

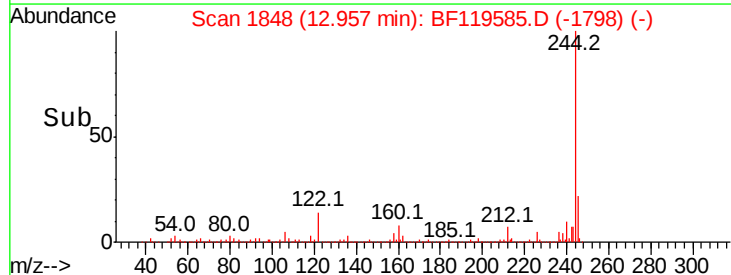
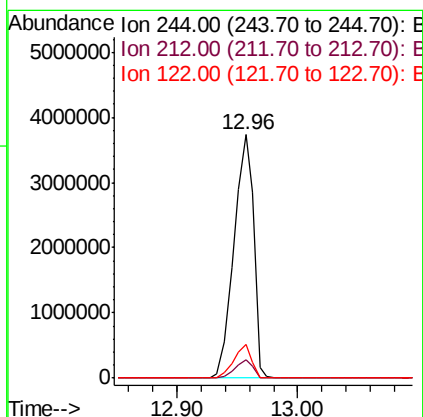
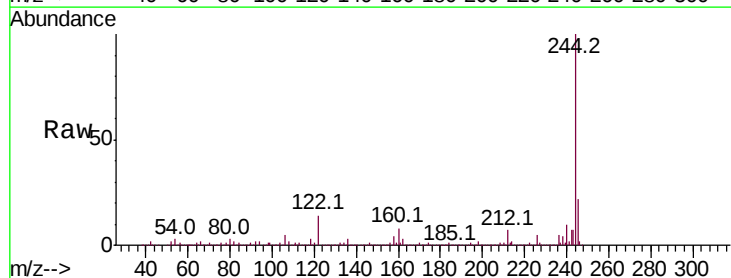
Instrument :
BNA_F
ClientSampleId :
GW-4

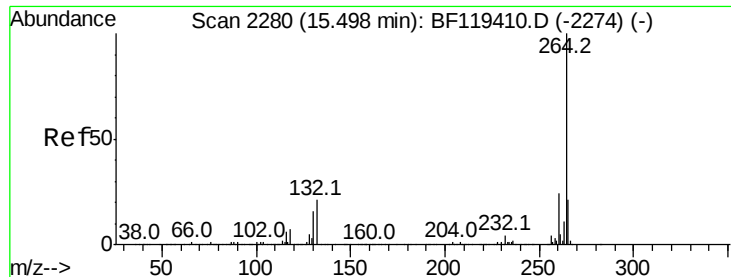
Tot Ion:240 Resp: 846867
Ion Ratio Lower Upper
240 100
120 11.0 10.6 15.8
236 25.7 20.2 30.2



#79
Terphenyl-d14
Concen: 98.230 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

Tgt Ion:244 Resp: 4245987
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 14.0 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

Instrument :
BNA_F
ClientSampleId :
GW-4

Tot Ion: 264 Resp: 696686

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.7	17.7	26.5

