

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119885.D
 Acq On : 9 Apr 2020 22:20
 Operator : MA/SJ
 Sample : L2162-12 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-50-COMP

Quant Time: Apr 10 03:38:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	148766	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	521908	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	255249	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	379808	20.00	ng	0.00
76) Chrysene-d12	13.94	240	318523	20.00	ng	0.00
87) Perylene-d12	15.37	264	284943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	214508	24.92	ng	0.00
7) Phenol-d6	6.39	99	265487	23.93	ng	-0.01
23) Nitrobenzene-d5	7.33	82	158788	15.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	50864	16.28	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	267451	14.88	ng	-0.01
79) Terphenyl-d14	12.88	244	240606	12.71	ng	0.00

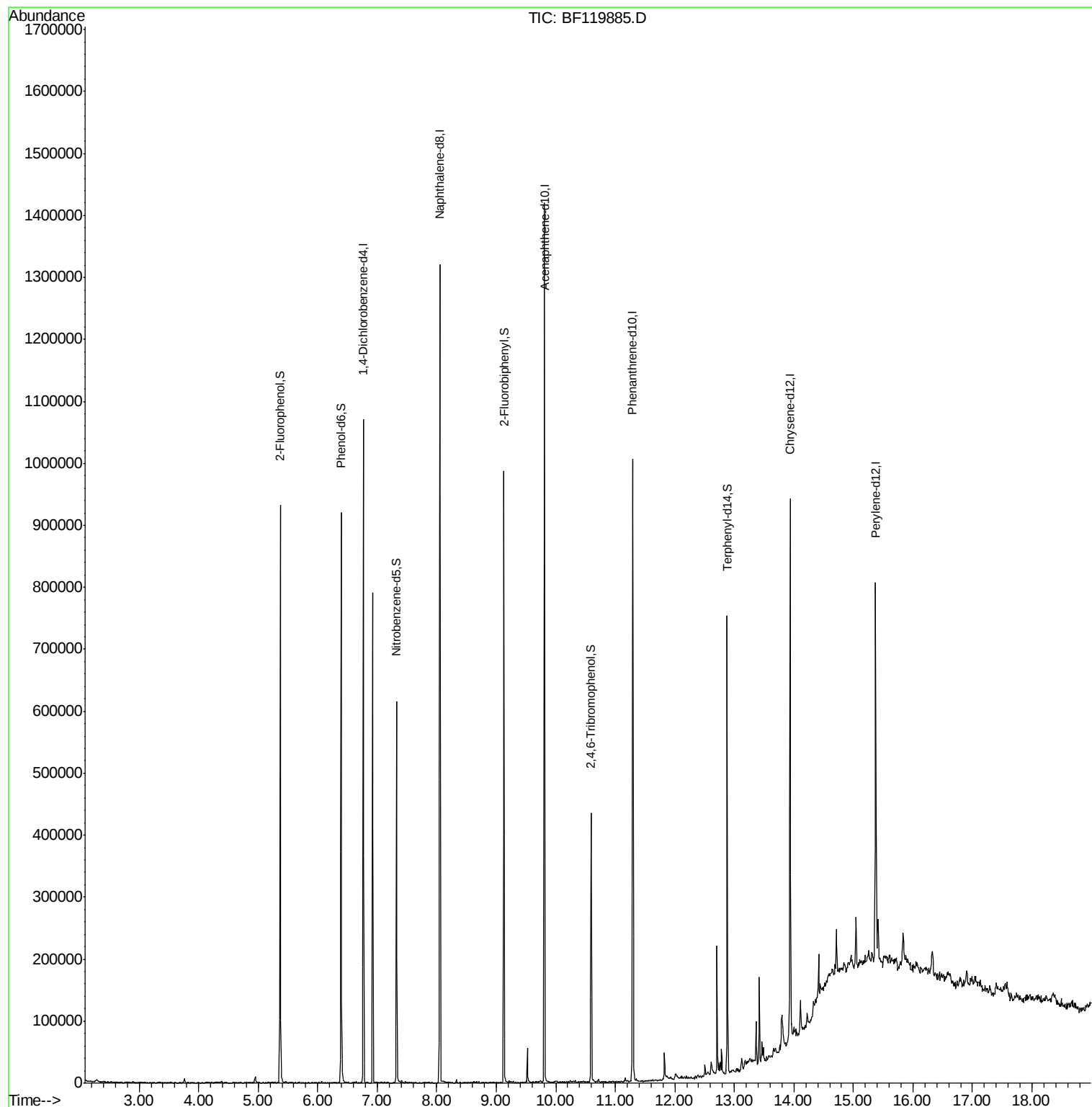
Target Compounds Qvalue

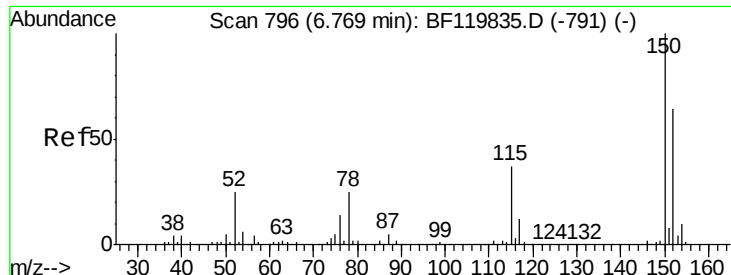
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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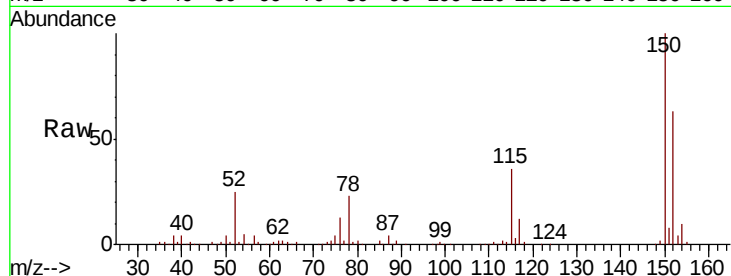


#1

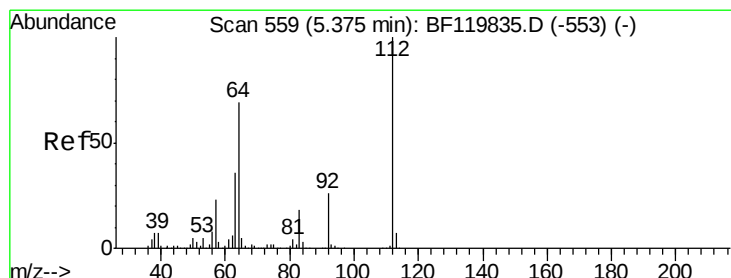
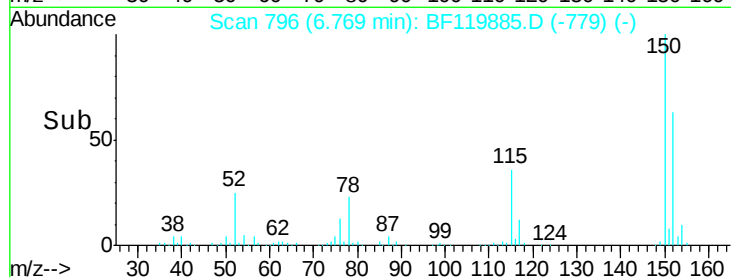
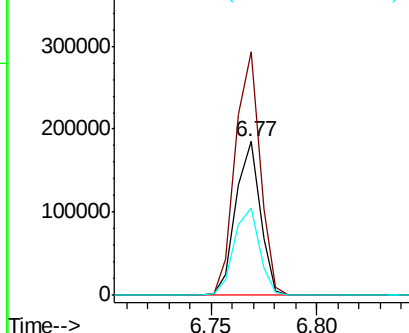
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF119885.D
Acq: 9 Apr 2020 22:20

Instrument :
BNA_F
ClientSampleId :
TP-50-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.8	187.2
115	57.2	46.5	69.7



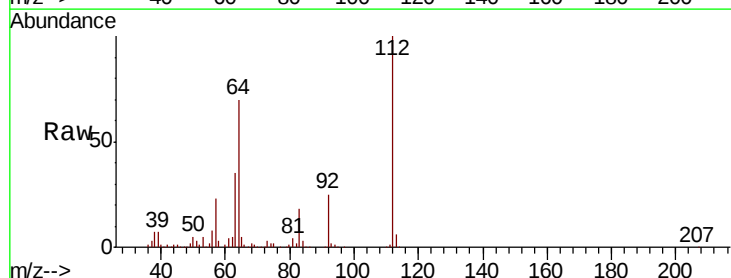
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



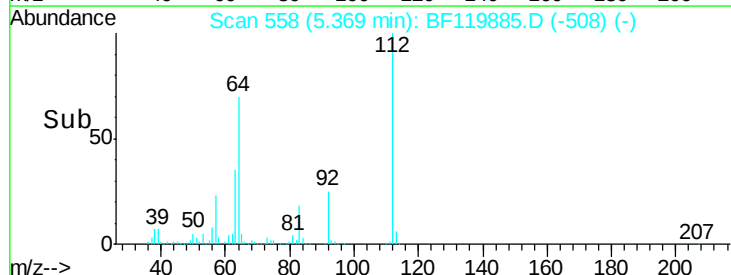
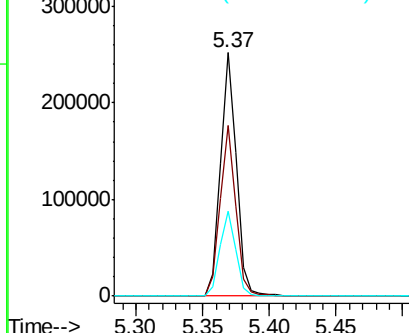
#5

2-Fluorophenol
Concen: 24.919 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119885.D
Acq: 9 Apr 2020 22:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	55.5	83.3
63	34.7	29.1	43.7



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: 23.935 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119885.D

Acq: 9 Apr 2020 22:20

Instrument :

BNA_F

ClientSampleId :

TP-50-COMP

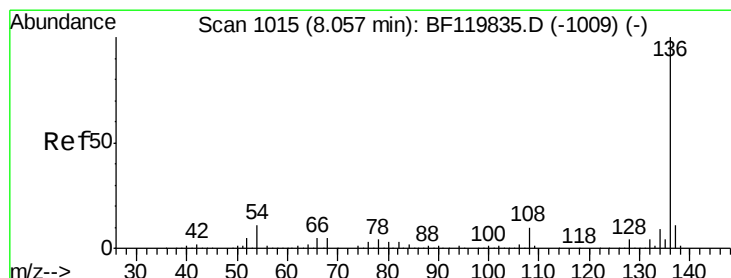
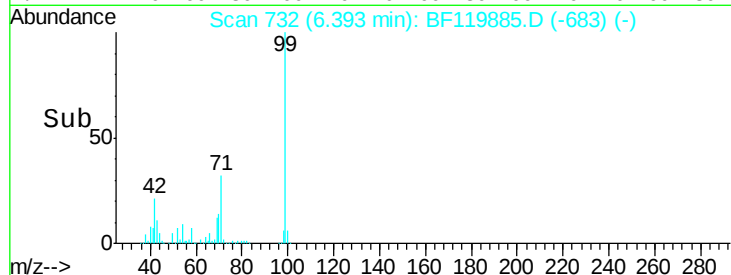
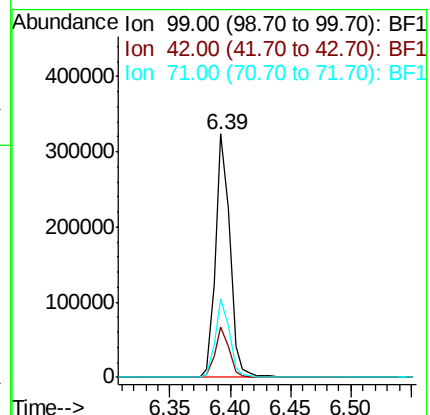
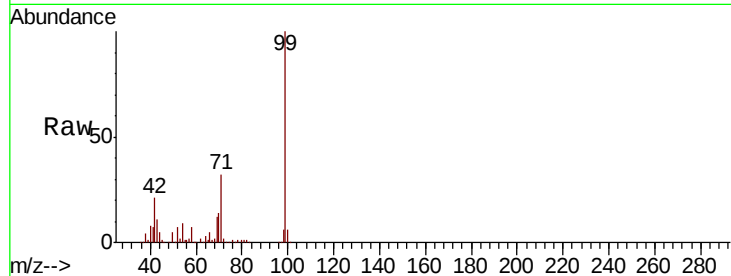
Tot Ion: 99 Resp: 265487

Ion Ratio Lower Upper

99 100

42 20.7 16.9 25.3

71 32.2 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119885.D

Acq: 9 Apr 2020 22:20

Tgt Ion: 136 Resp: 521908

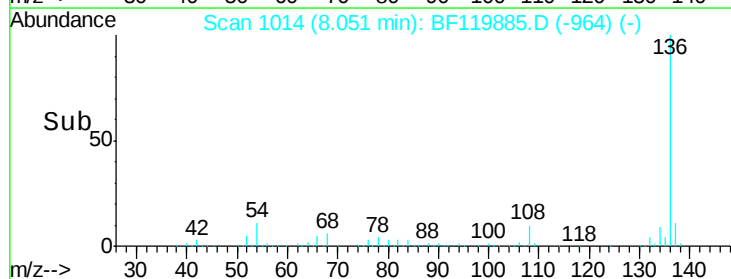
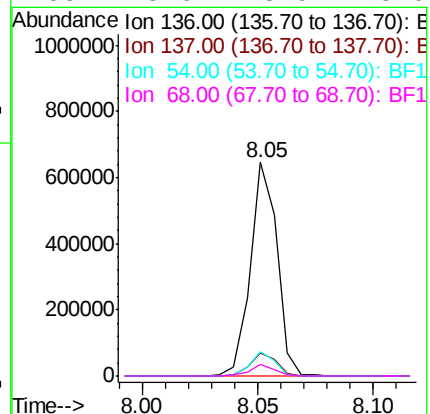
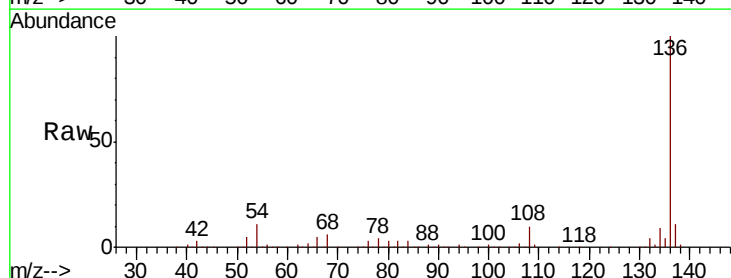
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 11.5 8.5 12.7

68 5.6 3.9 5.9

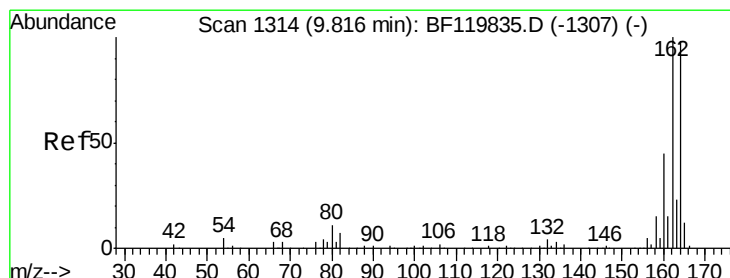
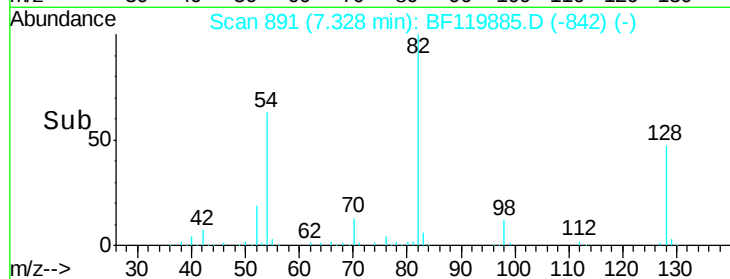
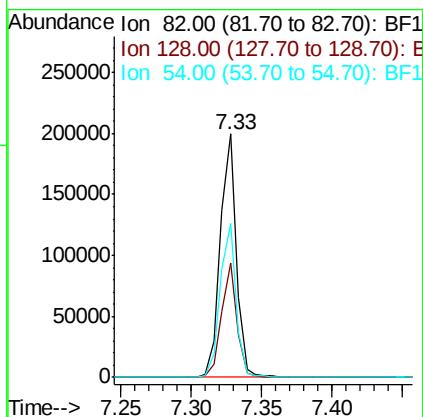
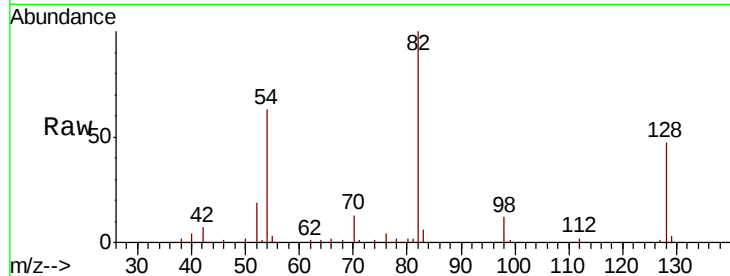




#23
 Nitrobenzene-d5
 Concen: 15.740 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119885.D
 Acq: 9 Apr 2020 22:20

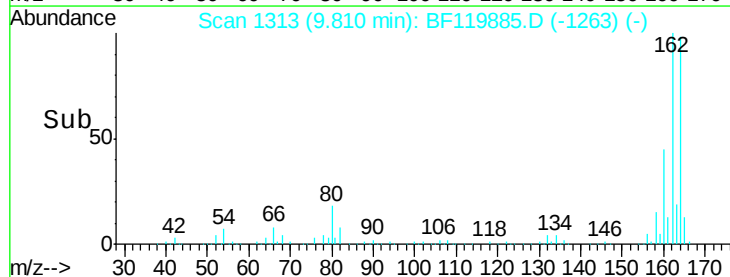
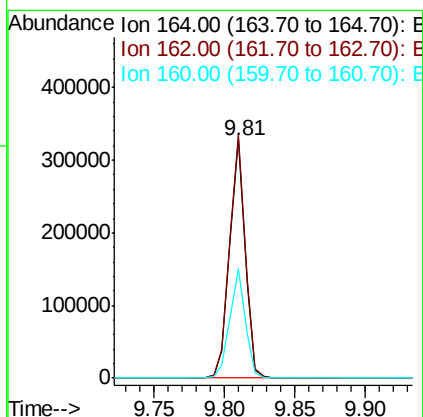
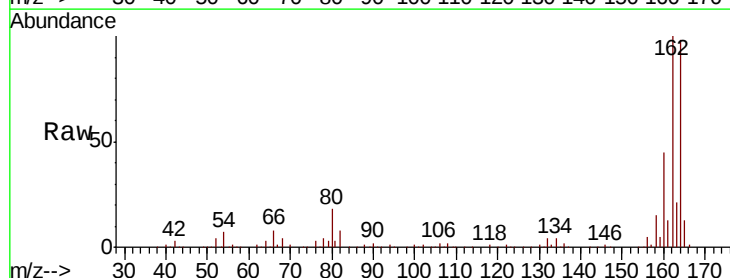
Instrument :
 BNA_F
 ClientSampleId :
 TP-50-COMP

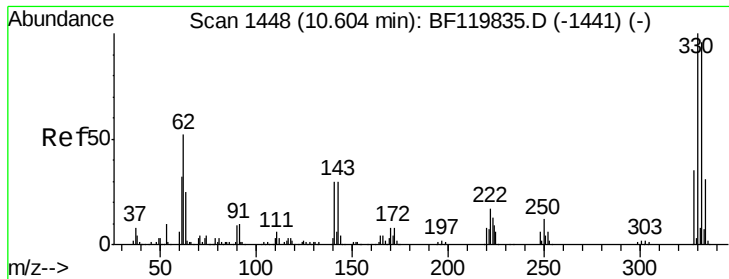
Tot Ion: 82 Resp: 158788
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.2 54.4
 54 63.3 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119885.D
 Acq: 9 Apr 2020 22:20

Tgt Ion:164 Resp: 255249
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.9 122.9
 160 46.0 36.6 54.8

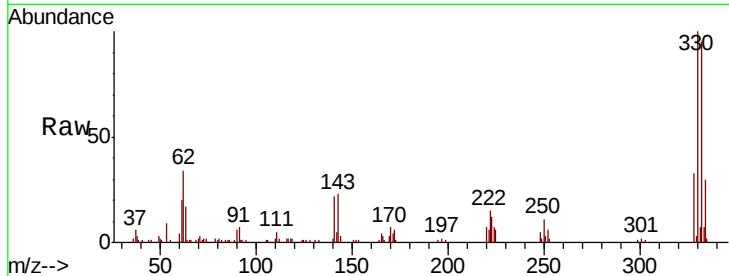




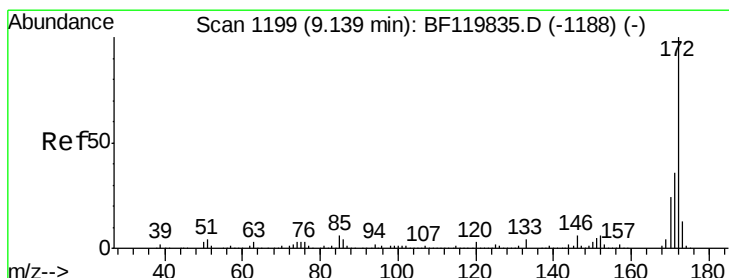
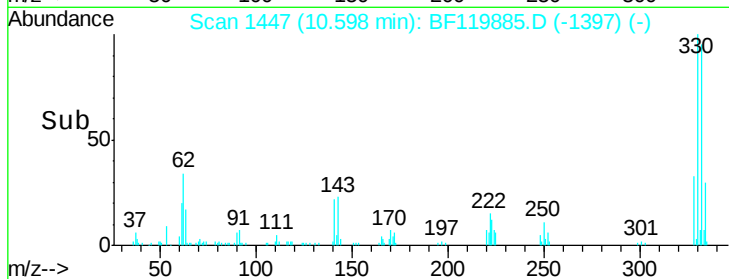
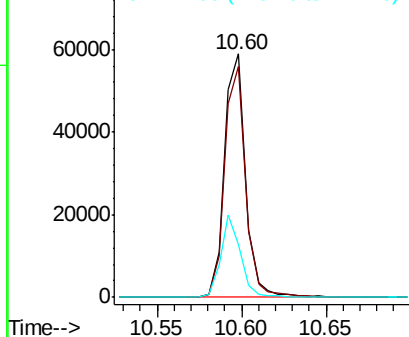
#42
 2,4,6-Tribromophenol
 Concen: 16.276 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119885.D
 Acq: 9 Apr 2020 22:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-50-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	31.7	25.1	37.7

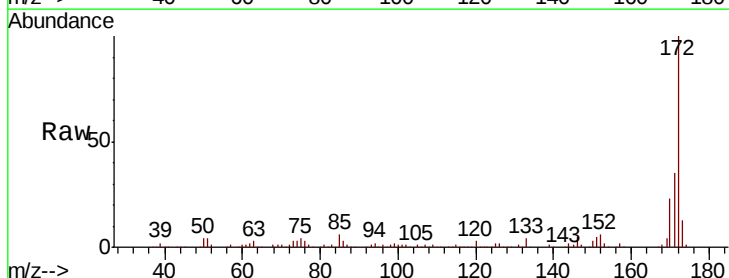


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

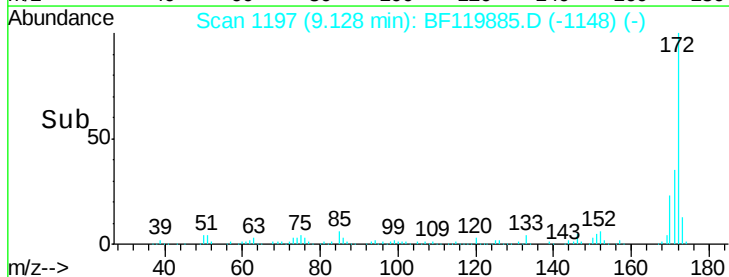
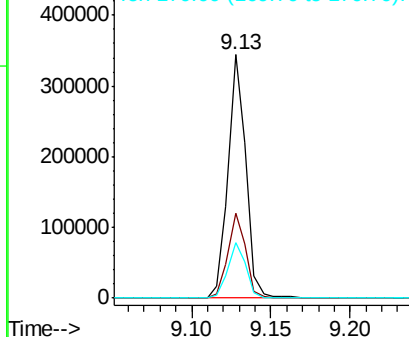


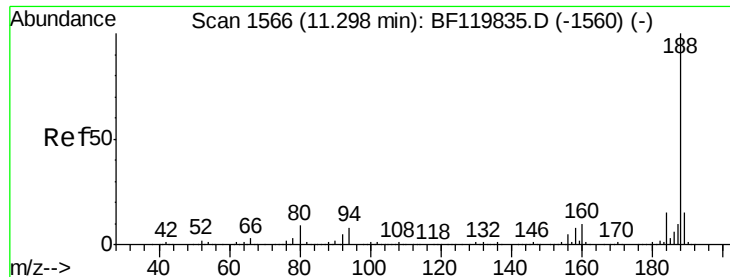
#45
 2-Fluorobiphenyl
 Concen: 14.877 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119885.D
 Acq: 9 Apr 2020 22:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	22.9	19.4	29.2



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

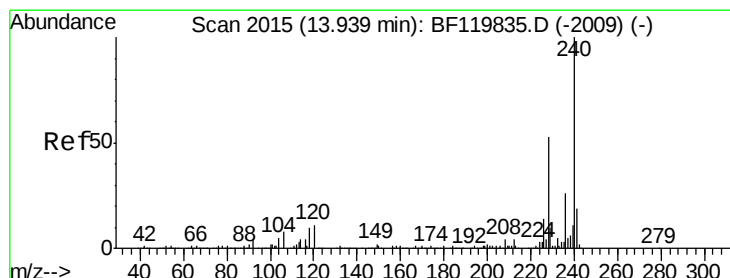
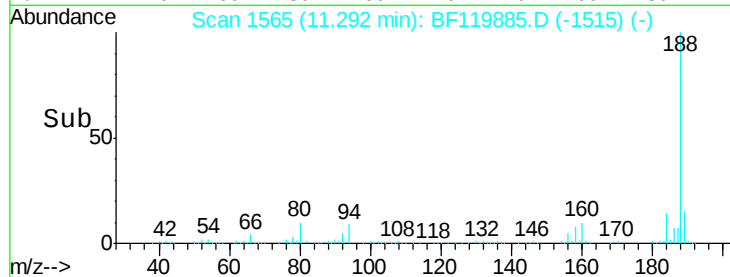
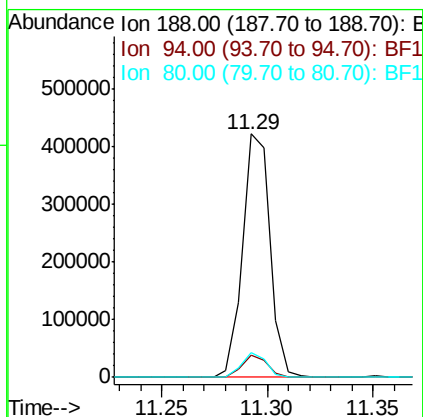
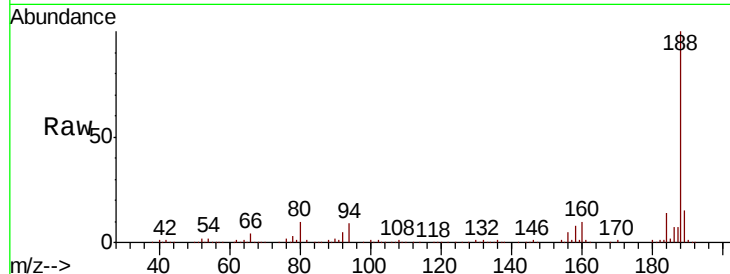




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119885.D
Acq: 9 Apr 2020 22:20

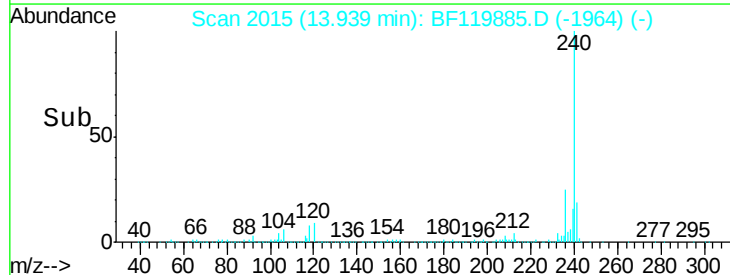
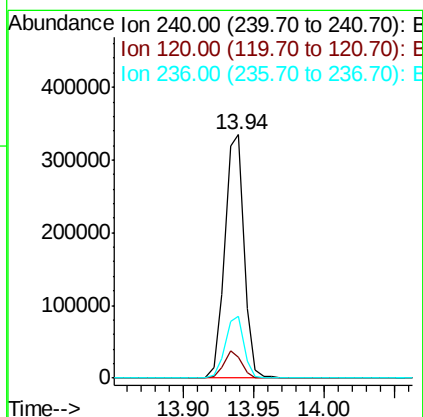
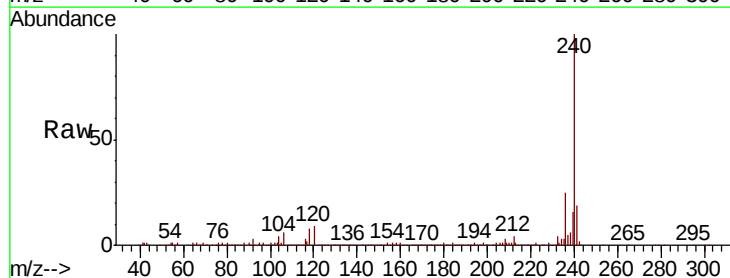
Instrument :
BNA_F
ClientSampleId :
TP-50-COMP

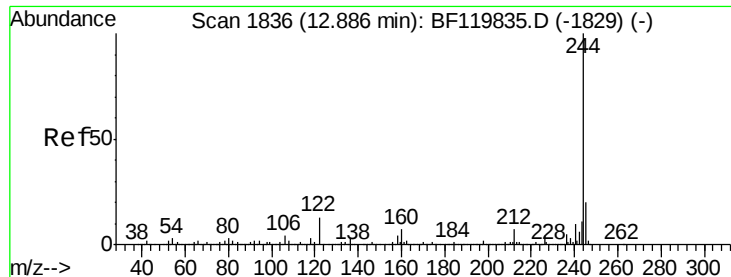
Tot Ion:188 Resp: 379808
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.2 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF119885.D
Acq: 9 Apr 2020 22:20

Tgt Ion:240 Resp: 318523
Ion Ratio Lower Upper
240 100
120 8.8 9.0 13.6#
236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 12.710 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF119885.D

Acq: 9 Apr 2020 22:20

Instrument :

BNA_F

ClientSampleId :

TP-50-COMP

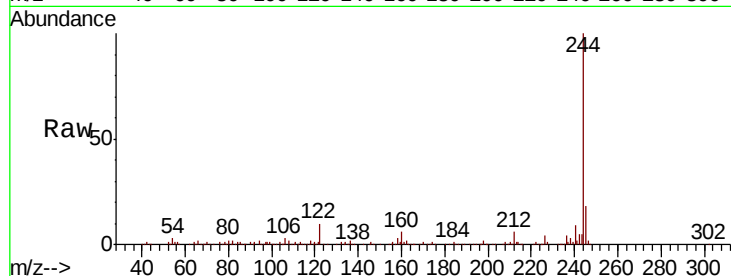
Tot Ion:244 Resp: 240606

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

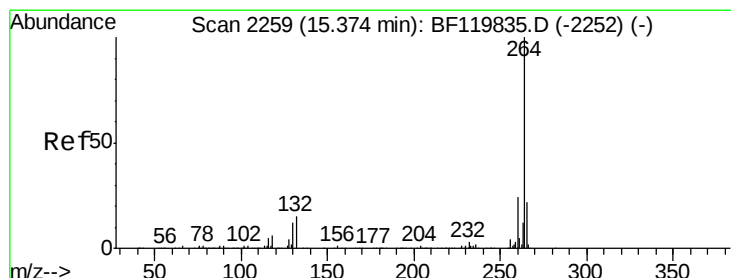
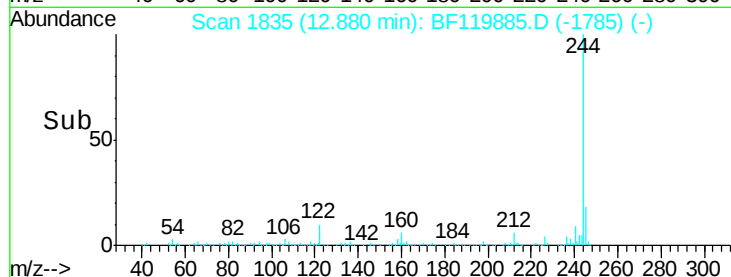
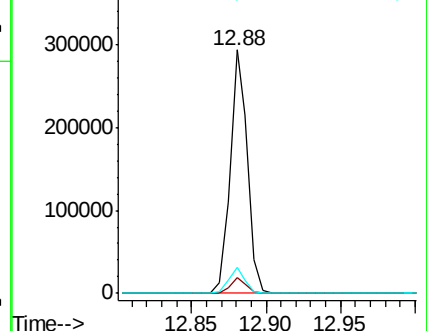
122 10.5 10.3 15.5



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: 15.37 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF119885.D

Acq: 9 Apr 2020 22:20

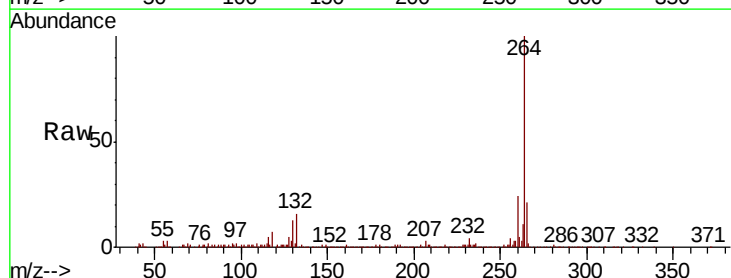
Tgt Ion:264 Resp: 284943

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.0 17.6 26.4



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

