

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119883.D
 Acq On : 9 Apr 2020 21:26
 Operator : MA/SJ
 Sample : L2166-19 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-45-COMP

Quant Time: Apr 10 03:03:53 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

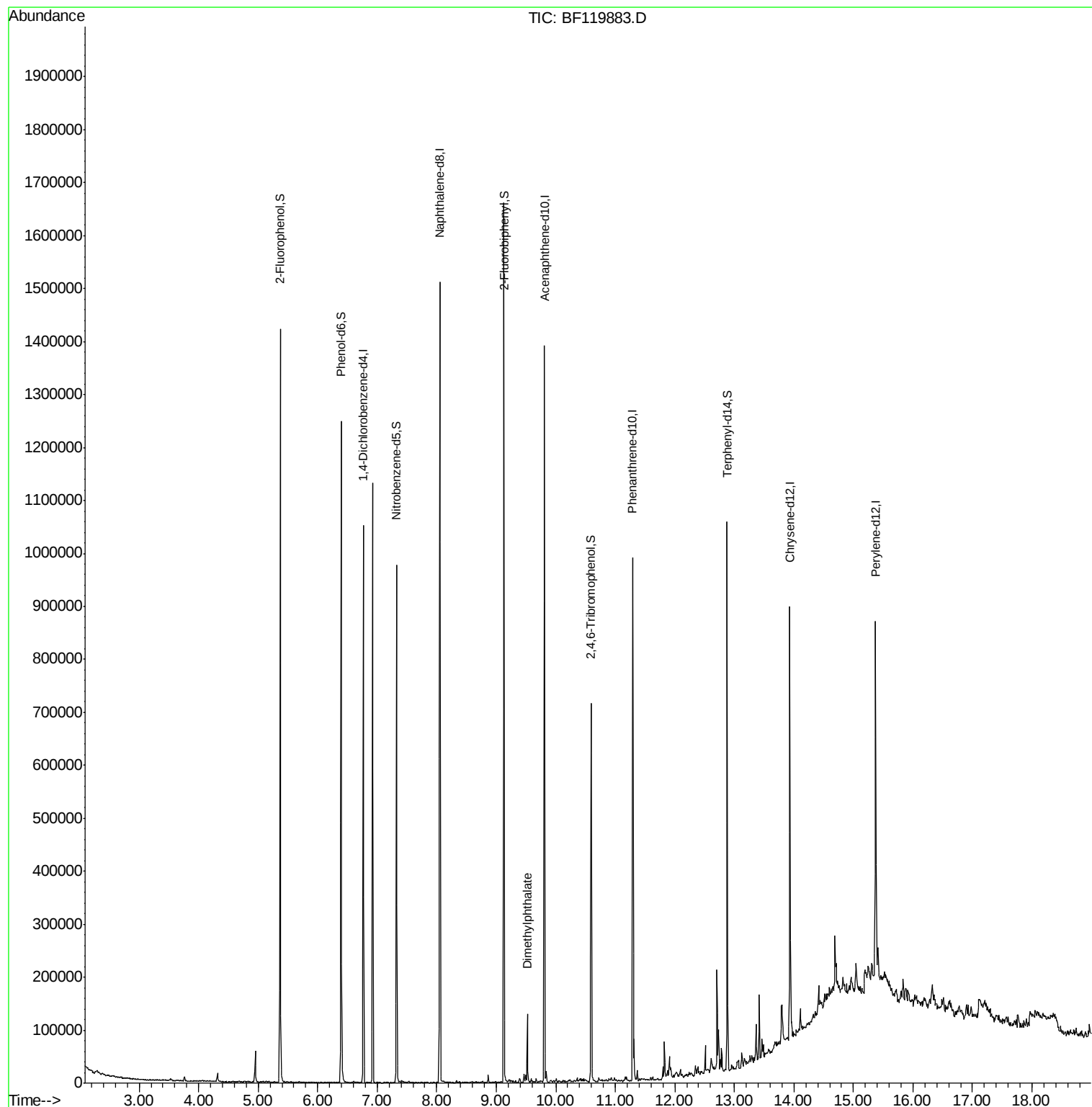
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	147349	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	597897	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	249519	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	383364	20.00	ng	0.00
76) Chrysene-d12	13.93	240	280689	20.00	ng	0.00
87) Perylene-d12	15.37	264	295008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	325446	38.17	ng	0.00
7) Phenol-d6	6.39	99	398823	36.30	ng	-0.01
23) Nitrobenzene-d5	7.33	82	243219	21.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	83578	27.36	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	461429	26.26	ng	-0.01
79) Terphenyl-d14	12.88	244	336257	20.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.52	163	47676	2.470	ng	Qvalue 99

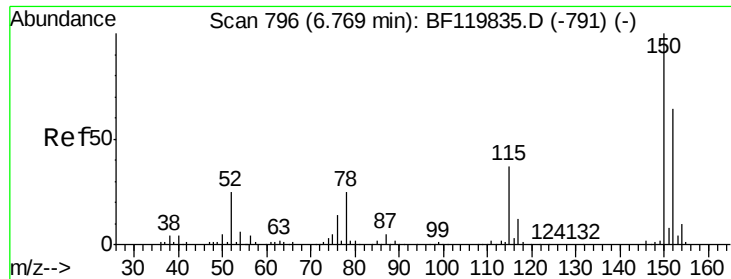
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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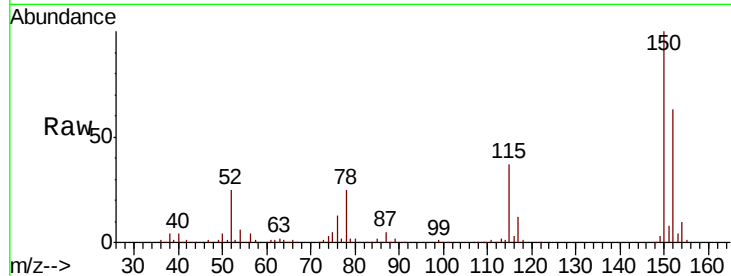


#1

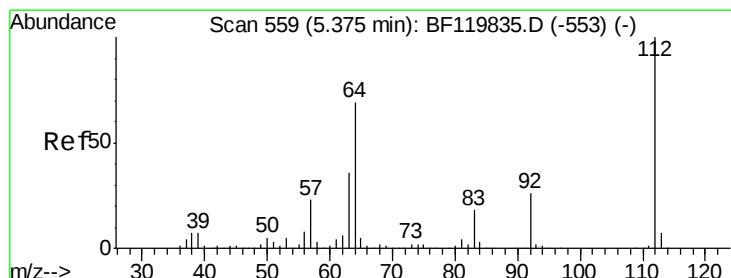
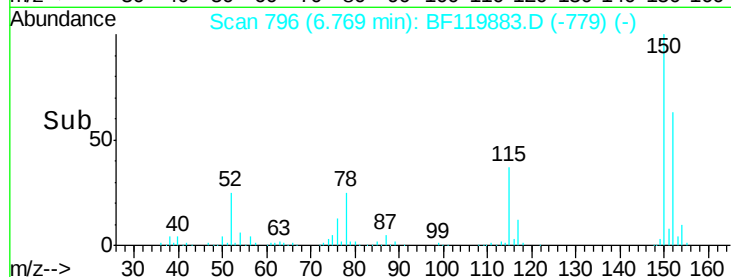
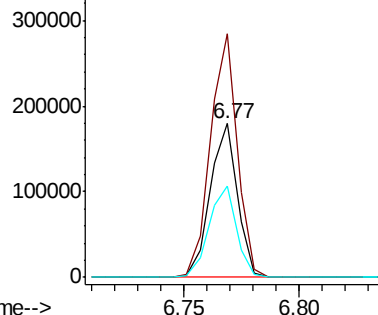
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119883.D
Acq: 9 Apr 2020 21:26

Instrument :
BNA_F
ClientSampleId :
TP-45-COMP

Tot Ion:152 Resp: 147349
Ion Ratio Lower Upper
152 100
150 158.5 124.8 187.2
115 59.1 46.5 69.7



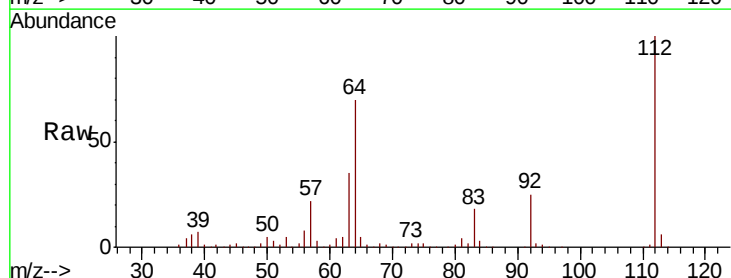
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



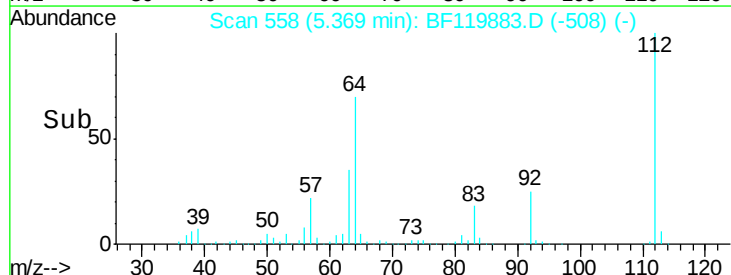
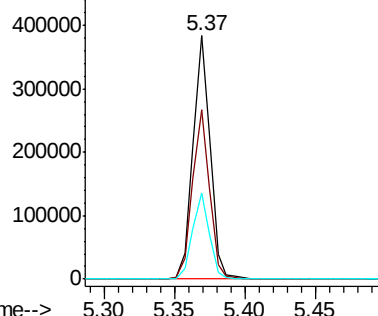
#5

2-Fluorophenol
Concen: 38.170 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF119883.D
Acq: 9 Apr 2020 21:26

Tgt Ion:112 Resp: 325446
Ion Ratio Lower Upper
112 100
64 69.6 55.5 83.3
63 35.2 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: 36.301 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119883.D

Acq: 9 Apr 2020 21:26

Instrument :

BNA_F

ClientSampleId :

TP-45-COMP

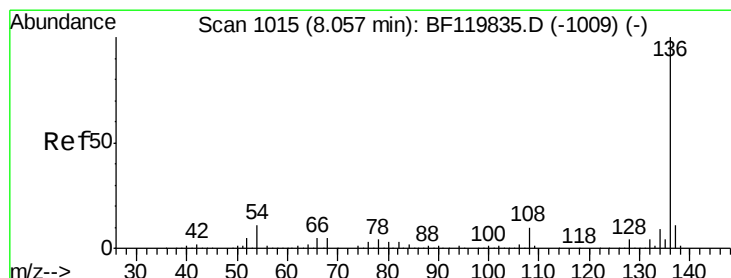
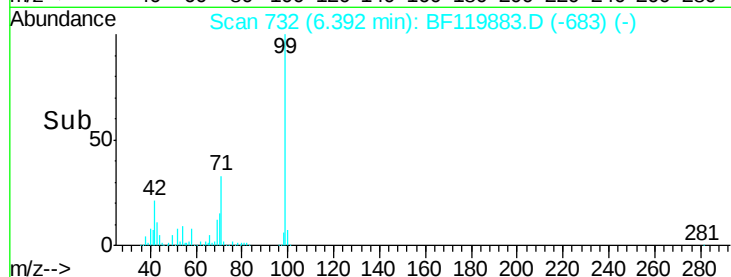
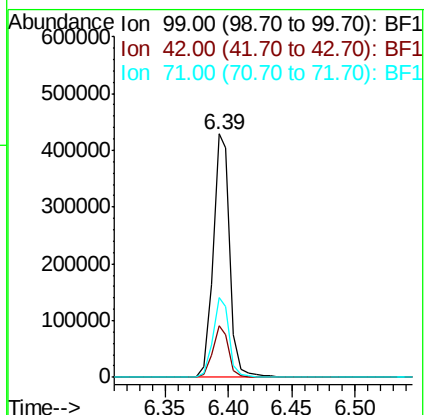
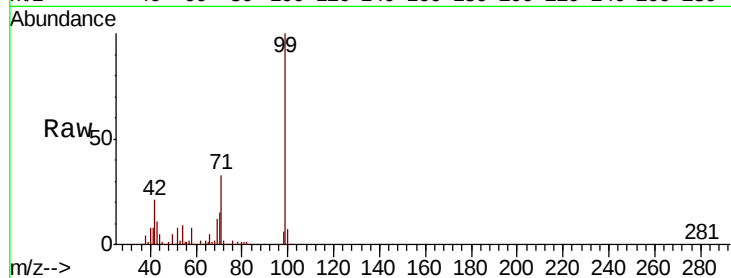
Tot Ion: 99 Resp: 398823

Ion Ratio Lower Upper

99 100

42 21.4 16.9 25.3

71 32.6 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: BF119883.D

Acq: 9 Apr 2020 21:26

Tgt Ion: 136 Resp: 597897

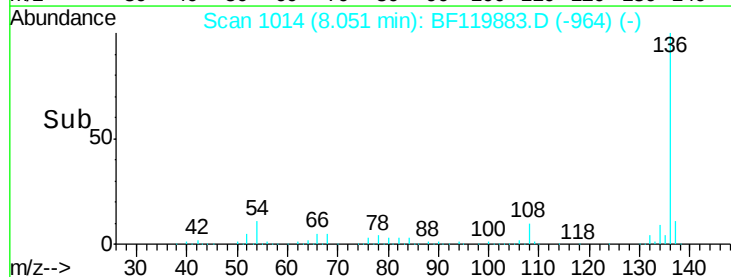
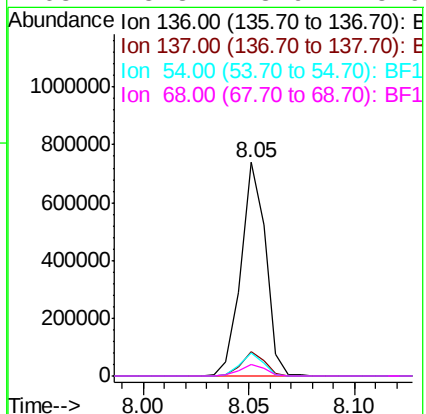
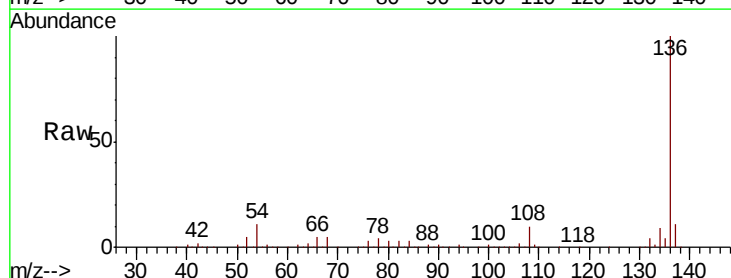
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.9 8.5 12.7

68 5.3 3.9 5.9

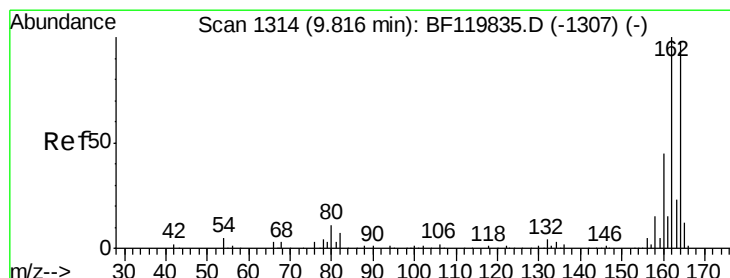
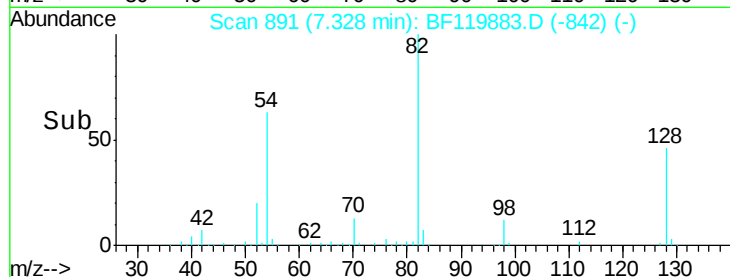
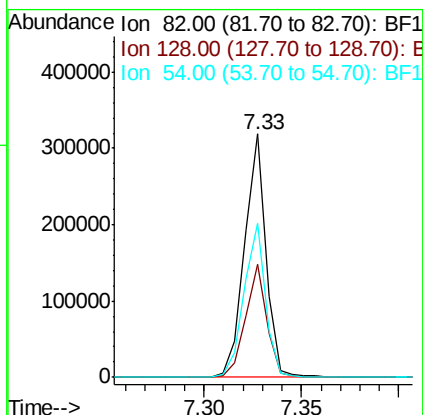
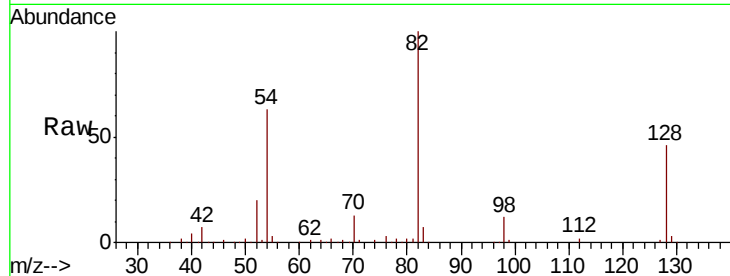




#23
Nitrobenzene-d5
Concen: 21.045 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119883.D
Acq: 9 Apr 2020 21:26

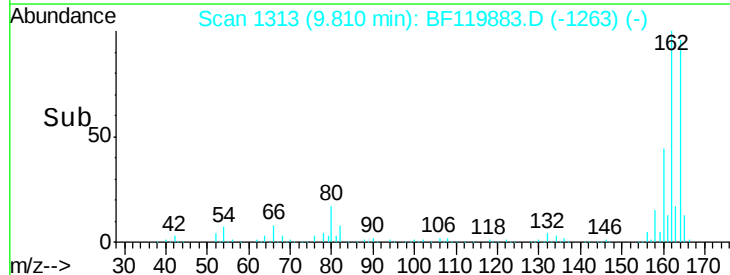
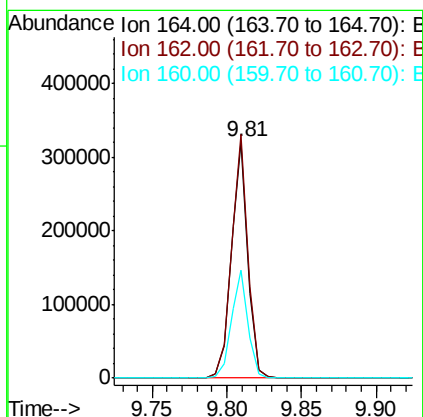
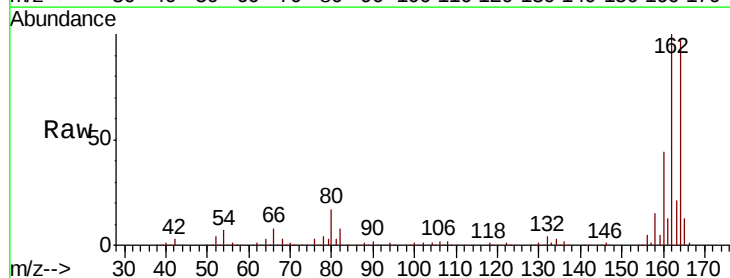
Instrument :
BNA_F
ClientSampleId :
TP-45-COMP

Tot Ion: 82 Resp: 243219
Ion Ratio Lower Upper
82 100
128 46.5 36.2 54.4
54 63.2 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: BF119883.D
Acq: 9 Apr 2020 21:26

Tgt Ion:164 Resp: 249519
Ion Ratio Lower Upper
164 100
162 103.1 81.9 122.9
160 45.5 36.6 54.8

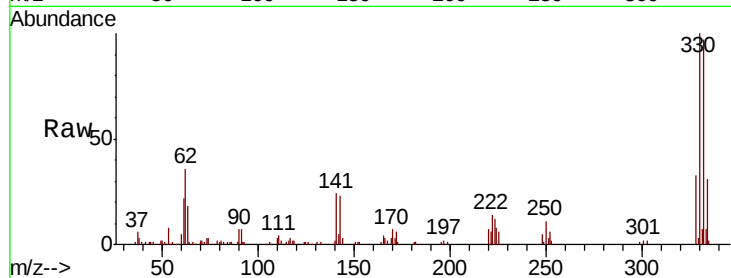




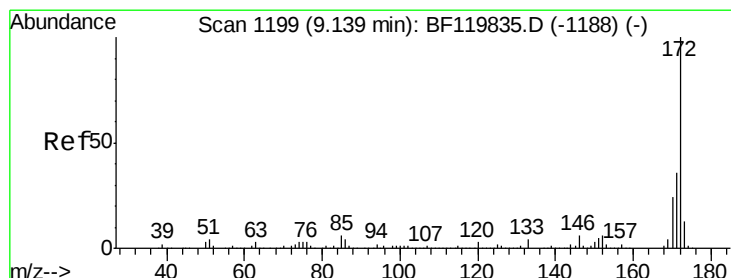
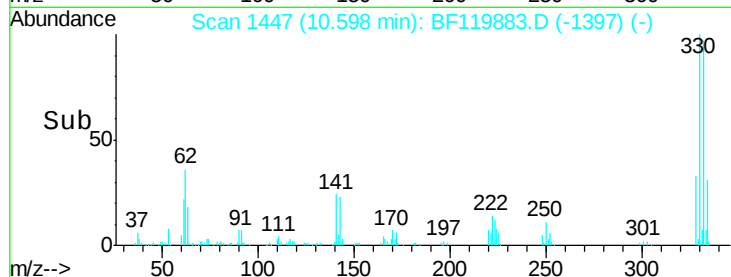
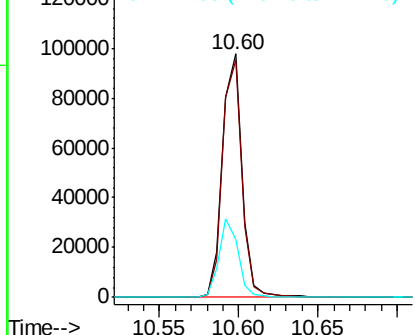
#42
 2,4,6-Tribromophenol
 Concen: 27.358 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119883.D
 Acq: 9 Apr 2020 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-45-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	31.3	25.1	37.7

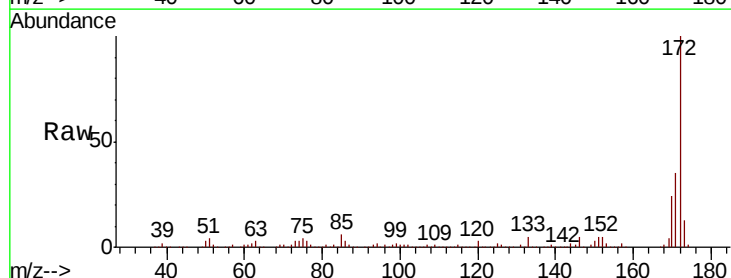


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

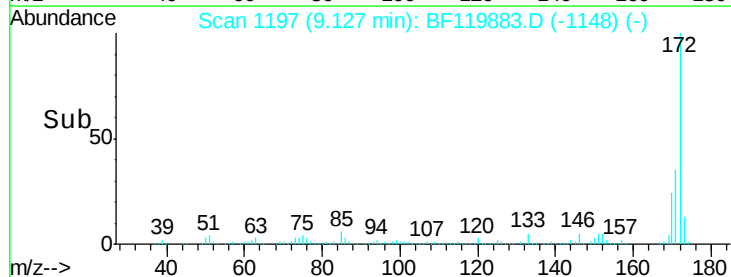
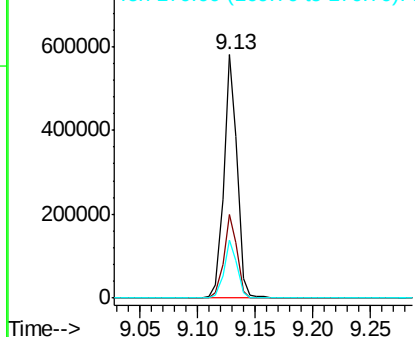


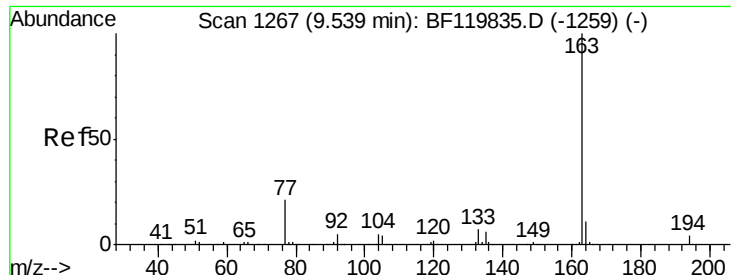
#45
 2-Fluorobiphenyl
 Concen: 26.256 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119883.D
 Acq: 9 Apr 2020 21:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.9	43.3
170	23.6	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





#50

Dimethylphthalate

Concen: 2.470 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119883.D

Acq: 9 Apr 2020 21:26

Instrument :

BNA_F

ClientSampleId :

TP-45-COMP

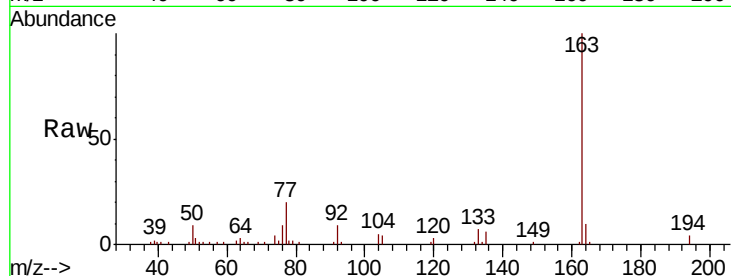
Tot Ion:163 Resp: 47676

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

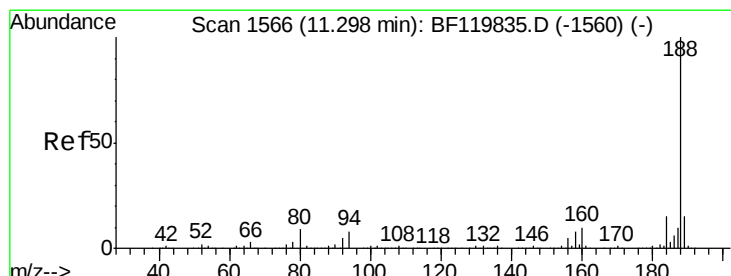
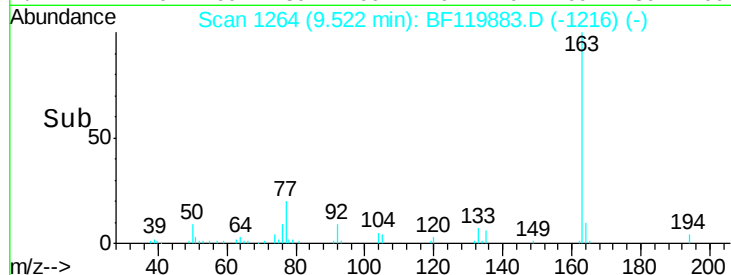
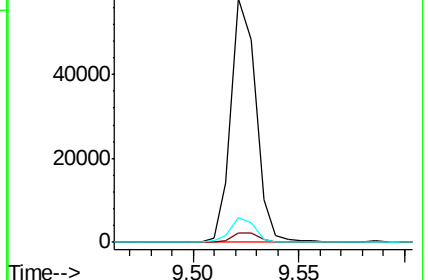
164 9.9 8.4 12.6



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: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119883.D

Acq: 9 Apr 2020 21:26

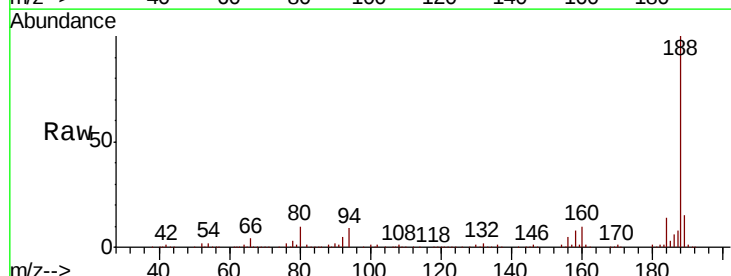
Tgt Ion:188 Resp: 383364

Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

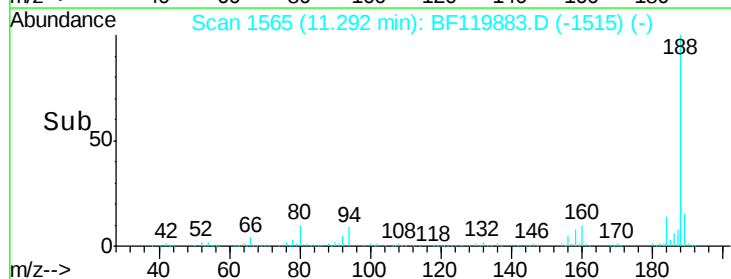
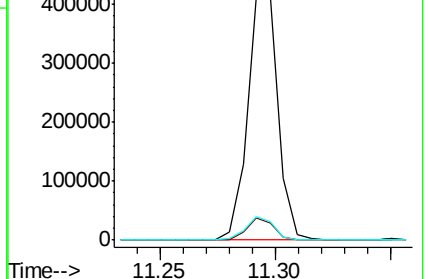
80 9.7 7.4 11.2

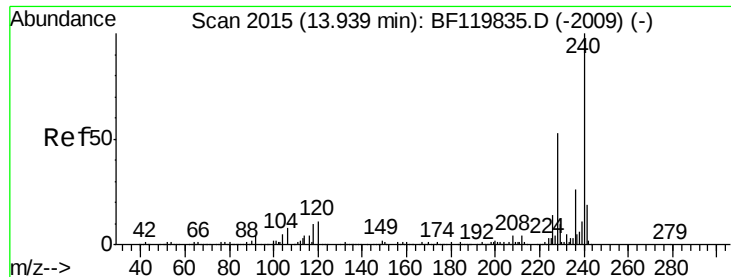


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119883.D

Acq: 9 Apr 2020 21:26

Instrument :

BNA_F

ClientSampleId :

TP-45-COMP

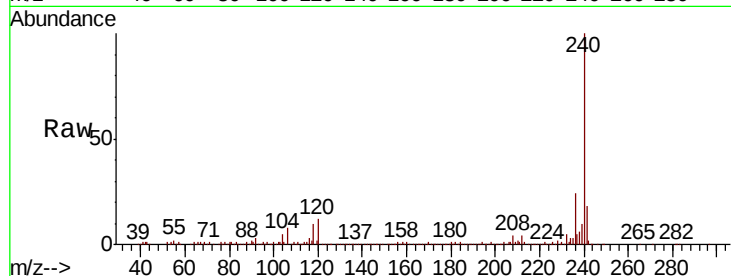
Tot Ion:240 Resp: 280689

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.6

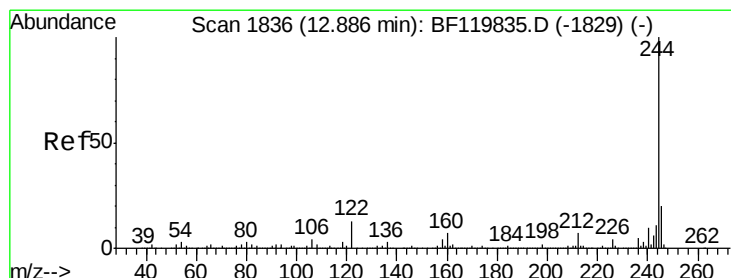
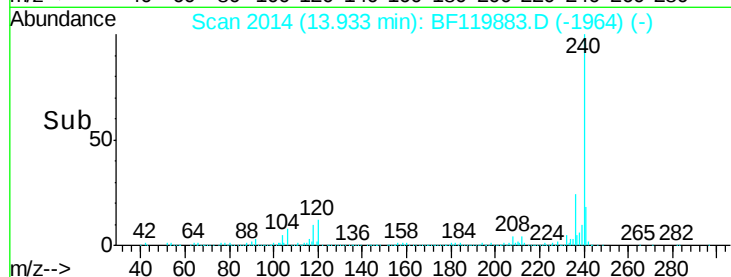
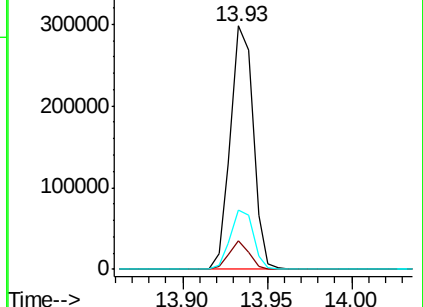
236 24.4 20.7 31.1



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



#79

Terphenyl-d14

Concen: 20.158 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF119883.D

Acq: 9 Apr 2020 21:26

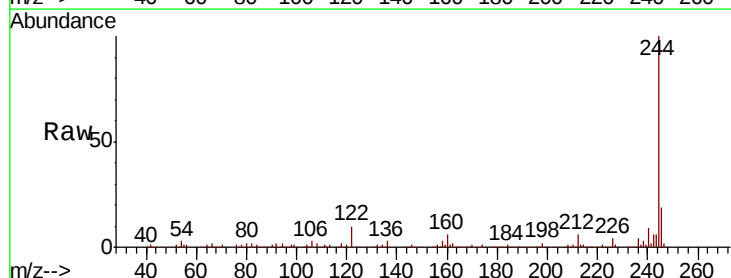
Tgt Ion:244 Resp: 336257

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

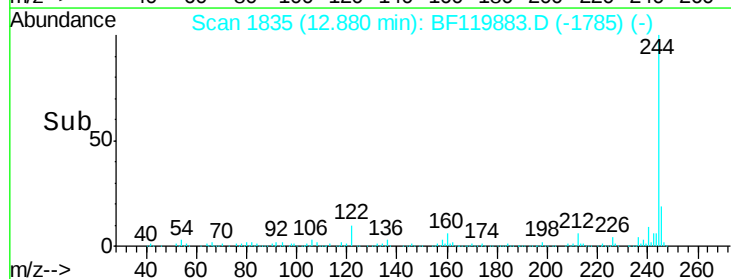
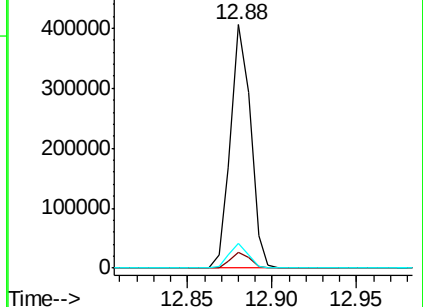
122 9.9 10.3 15.5#

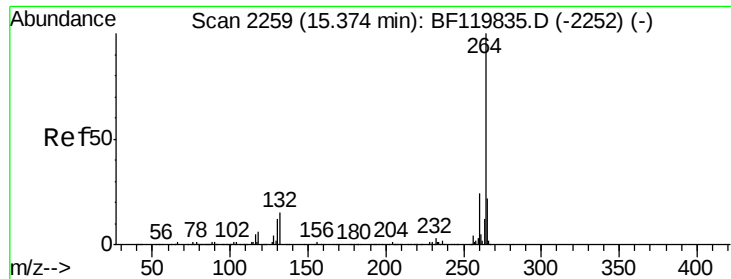


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

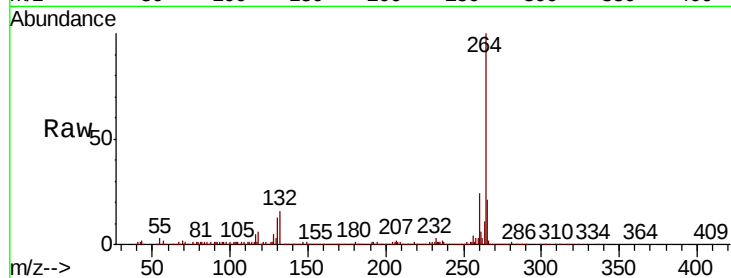




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119883.D
Acq: 9 Apr 2020 21:26

Instrument :
BNA_F
ClientSampleId :
TP-45-COMP

Tot Ion:	264	Resp:	295008
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.2	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

