

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119403.D
 Acq On : 13 Mar 2020 2:20
 Operator : CG/JU
 Sample : L1859-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-SA

Quant Time: Mar 13 04:51:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

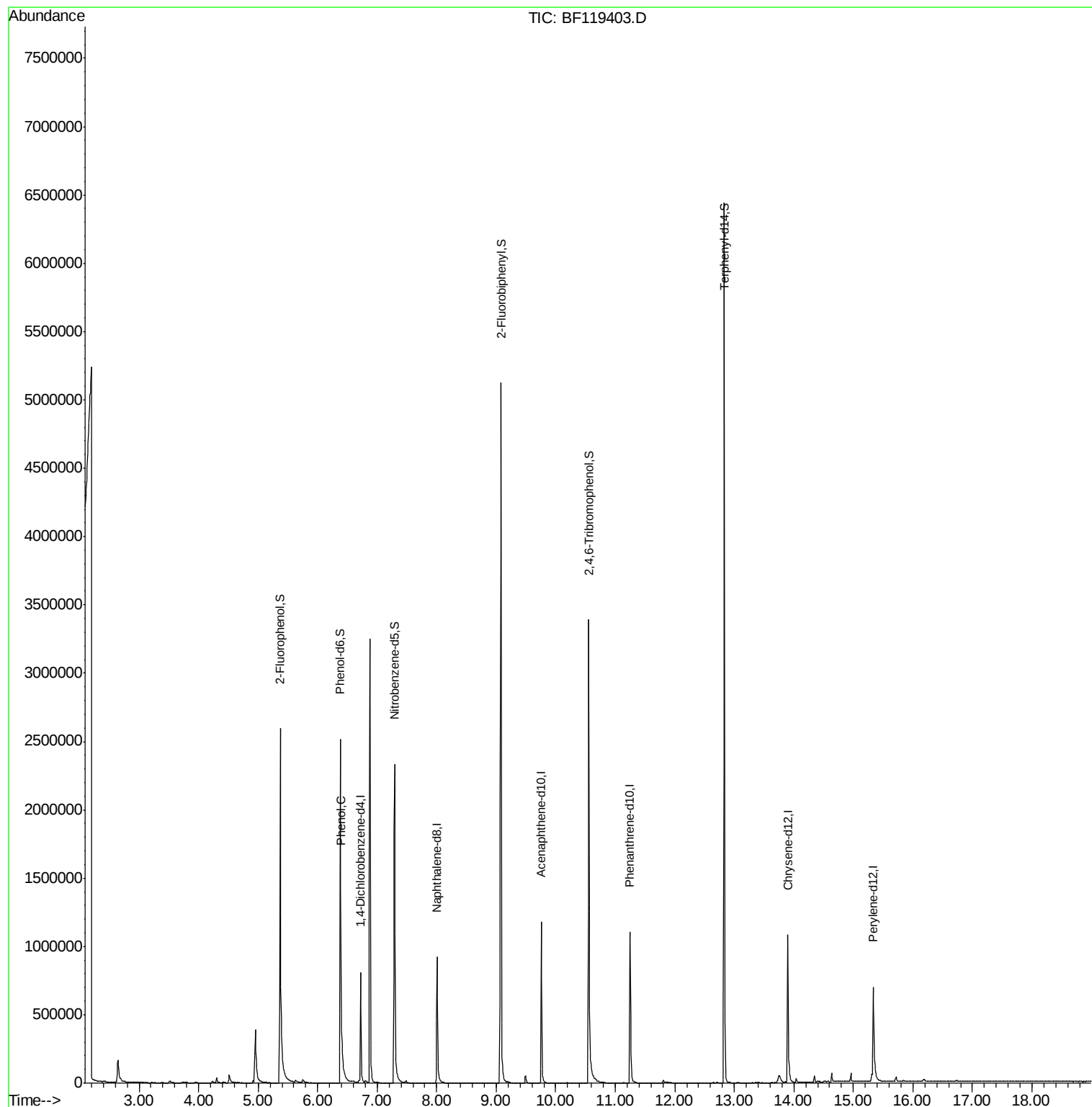
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133019	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	521358	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	264044	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	533989	20.00	ng	0.00
76) Chrysene-d12	13.90	240	476886	20.00	ng	0.01
87) Perylene-d12	15.33	264	444170	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1066586	134.00	ng	0.02
7) Phenol-d6	6.38	99	1186100	122.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	954816	96.70	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	572911	165.86	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1834617	102.36	ng	0.00
79) Terphenyl-d14	12.83	244	2586150	93.37	ng	0.00
Target Compounds						
10) Phenol	6.39	94	21492	2.053	ng	Qvalue # 27

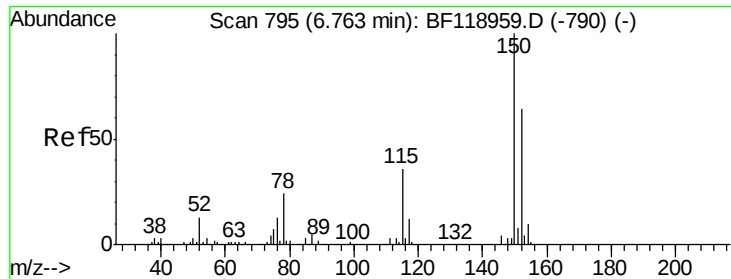
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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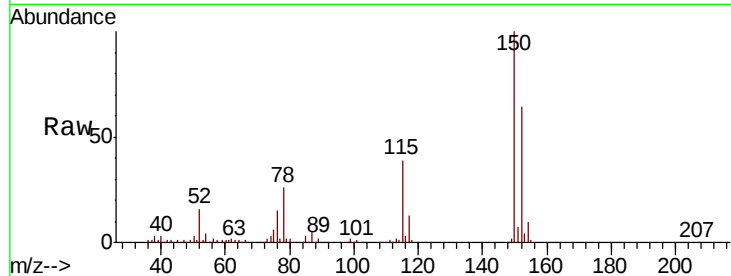


#1

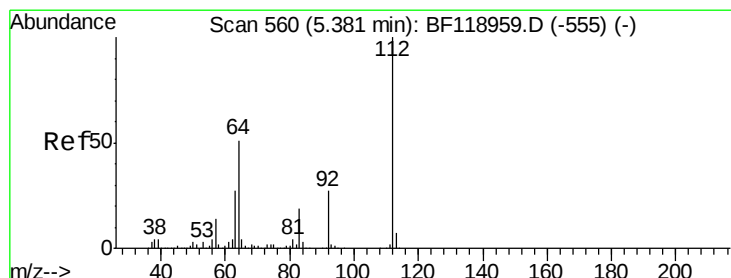
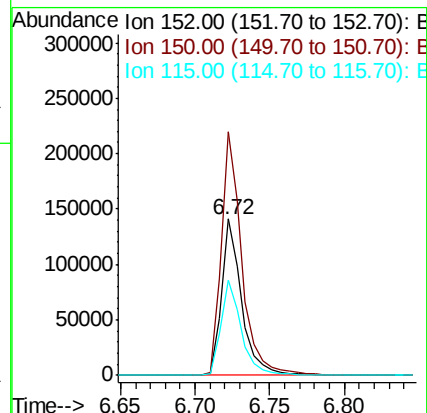
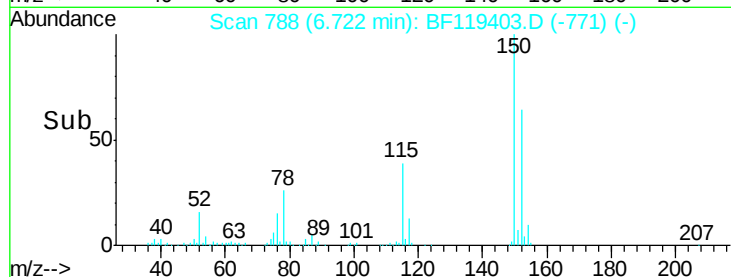
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119403.D
Acq: 13 Mar 2020 2:20

Instrument :
BNA_F
ClientSampleId :
TP-8-SA

Tot Ion:152 Resp: 133019
Ion Ratio Lower Upper
152 100
150 155.8 123.0 184.6
115 61.0 49.5 74.3



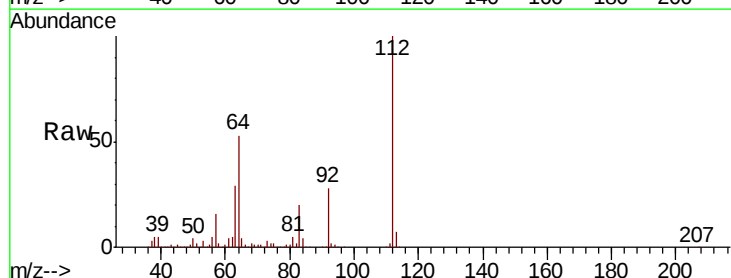
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



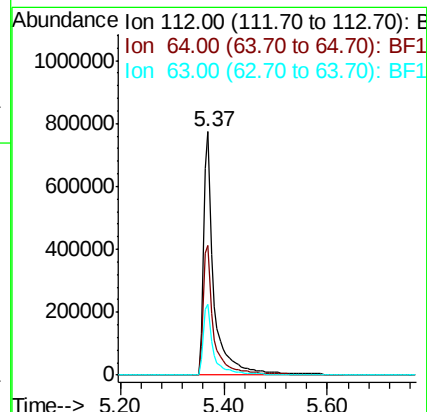
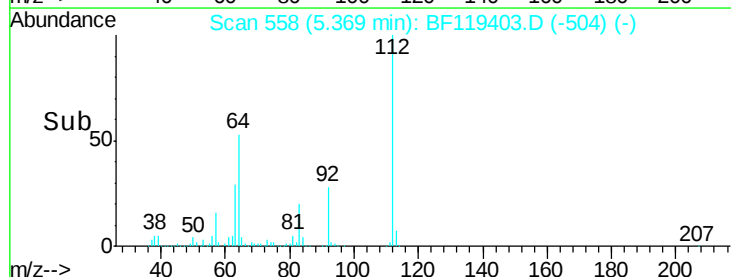
#5

2-Fluorophenol
Concen: 134.000 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119403.D
Acq: 13 Mar 2020 2:20

Tgt Ion:112 Resp: 1066586
Ion Ratio Lower Upper
112 100
64 53.5 45.0 67.4
63 29.0 24.2 36.4



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: 122.527 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119403.D

Acq: 13 Mar 2020 2:20

Instrument :

BNA_F

ClientSampleId :

TP-8-SA

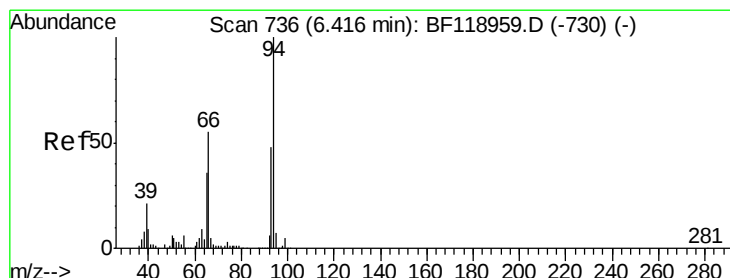
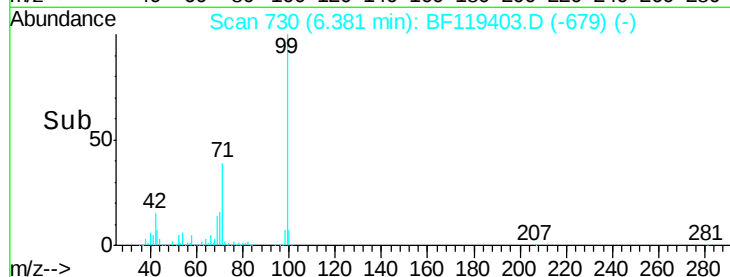
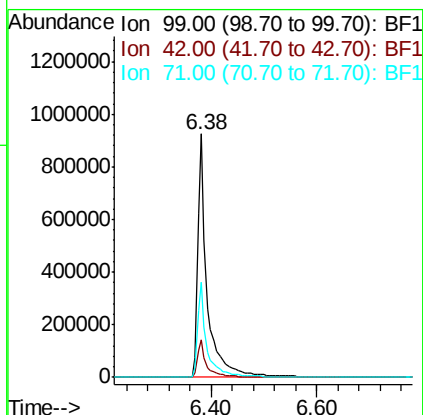
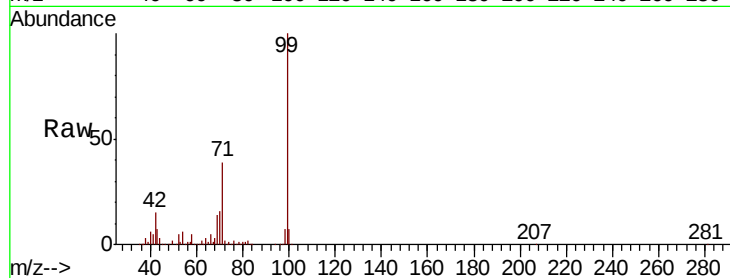
Tot Ion: 99 Resp: 1186100

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

71 39.2 31.0 46.4



#10

Phenol

Concen: 2.053 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119403.D

Acq: 13 Mar 2020 2:20

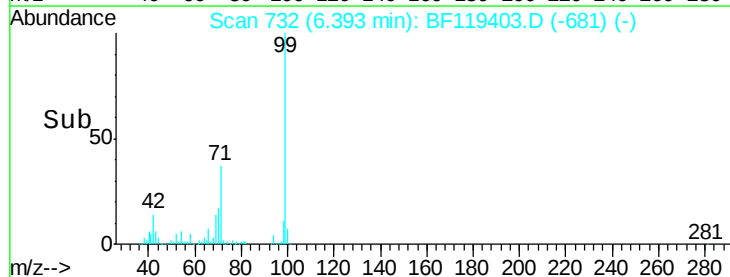
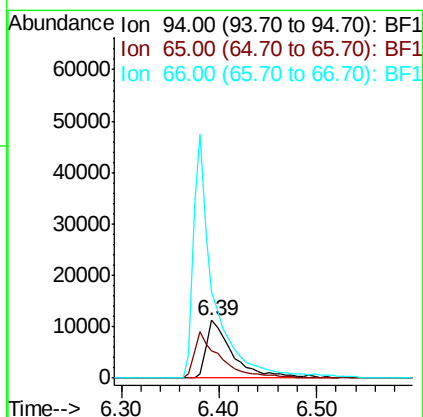
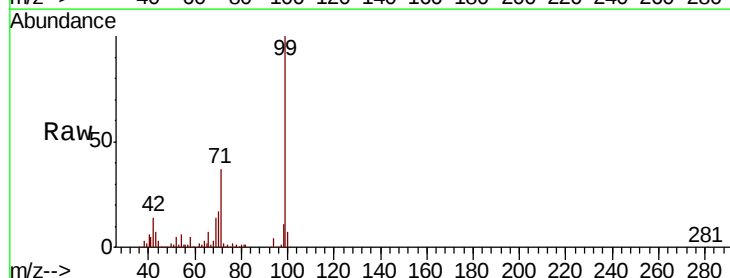
Tgt Ion: 94 Resp: 21492

Ion Ratio Lower Upper

94 100

65 48.0 19.2 59.2

66 149.7 44.4 84.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119403.D

Acq: 13 Mar 2020 2:20

Instrument :

BNA_F

ClientSampleId :

TP-8-SA

Tot Ion:136 Resp: 521358

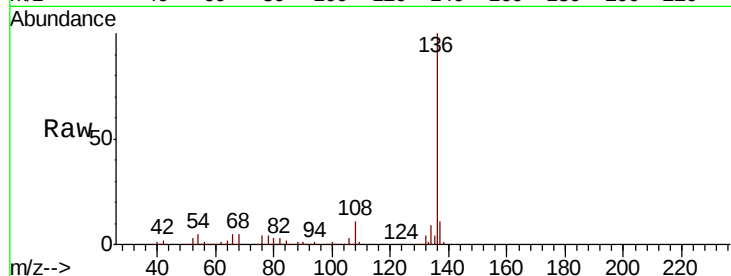
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.2 3.8 5.6

68 5.3 3.9 5.9

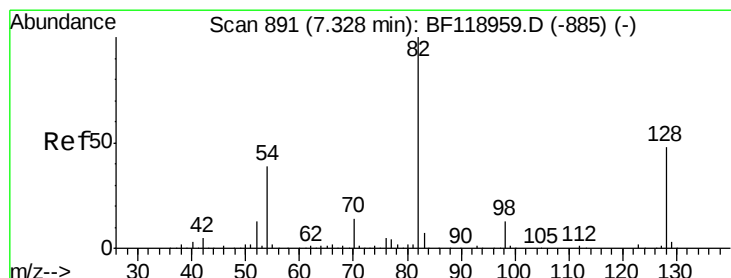
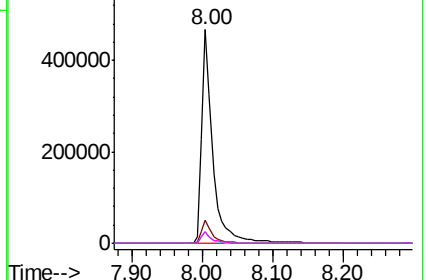
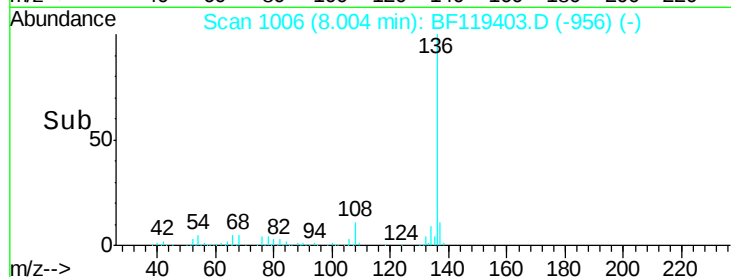


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.698 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119403.D

Acq: 13 Mar 2020 2:20

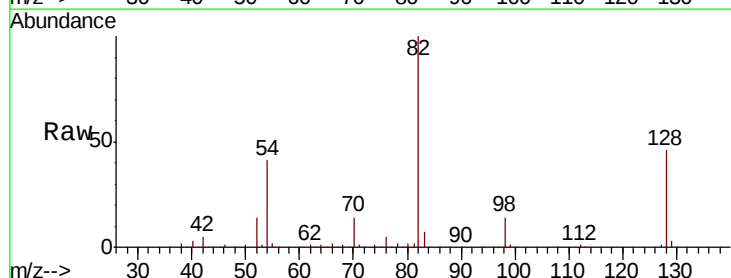
Tgt Ion: 82 Resp: 954816

Ion Ratio Lower Upper

82 100

128 46.0 37.9 56.9

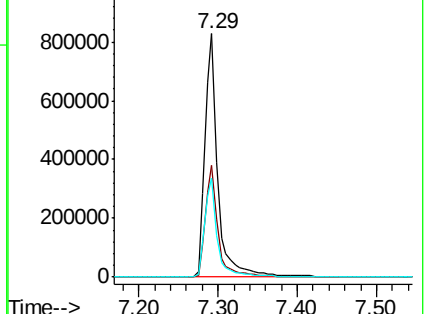
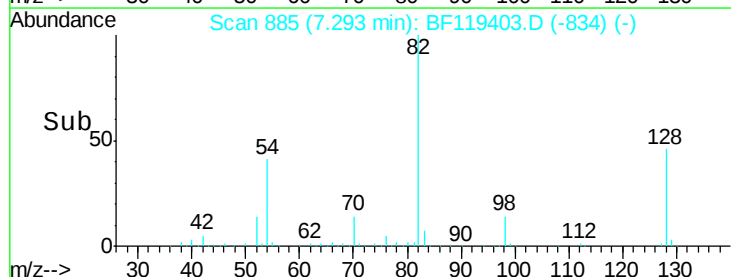
54 40.8 33.4 50.2

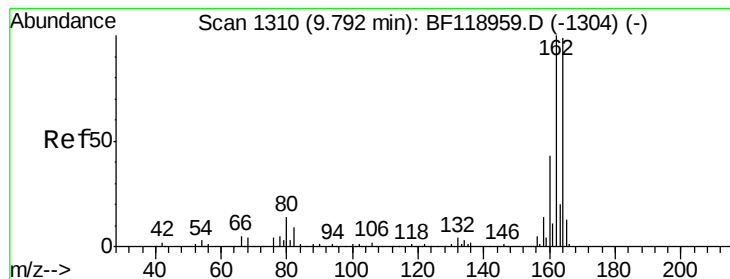


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119403.D

Acq: 13 Mar 2020 2:20

Instrument :

BNA_F

ClientSampleId :

TP-8-SA

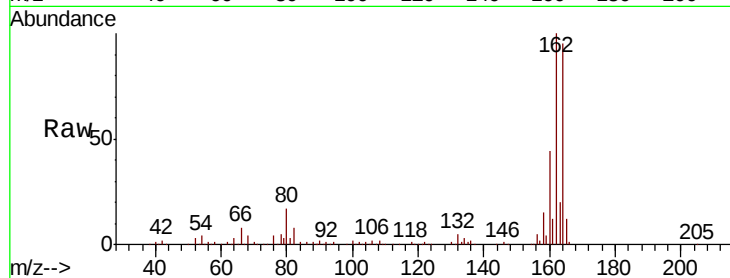
Tot Ion:164 Resp: 264044

Ion Ratio Lower Upper

164 100

162 105.4 81.8 122.8

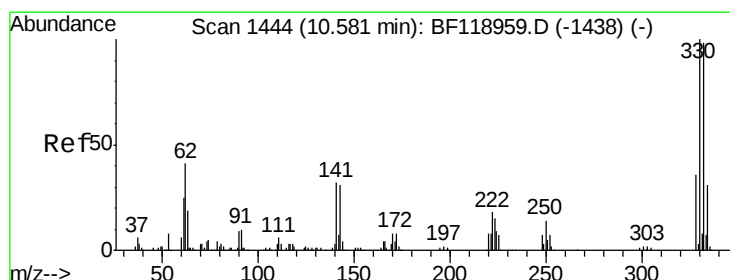
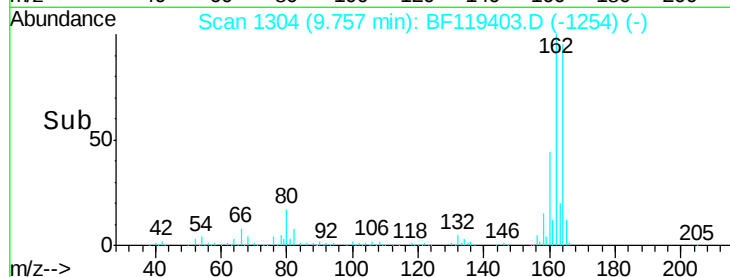
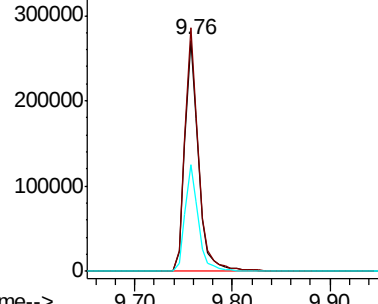
160 46.1 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 165.862 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119403.D

Acq: 13 Mar 2020 2:20

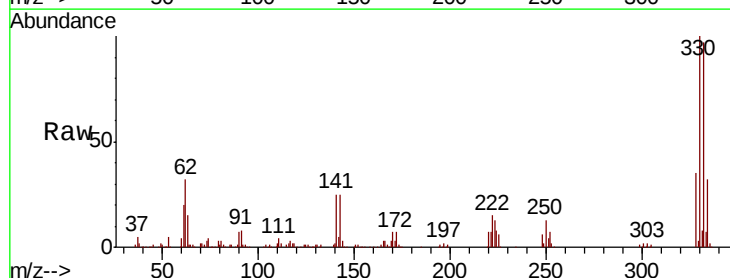
Tgt Ion:330 Resp: 572911

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

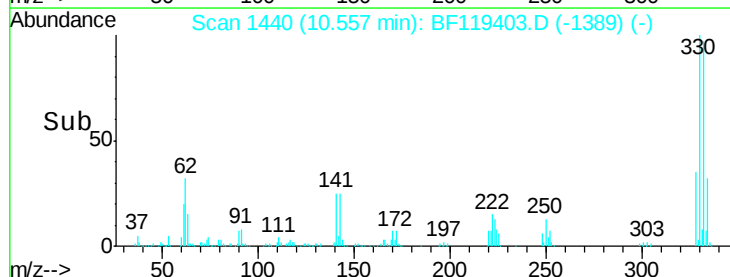
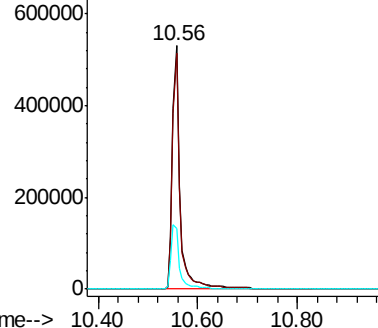
141 30.0 22.9 34.3

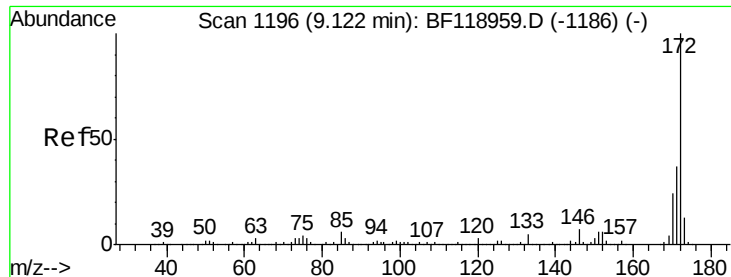


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

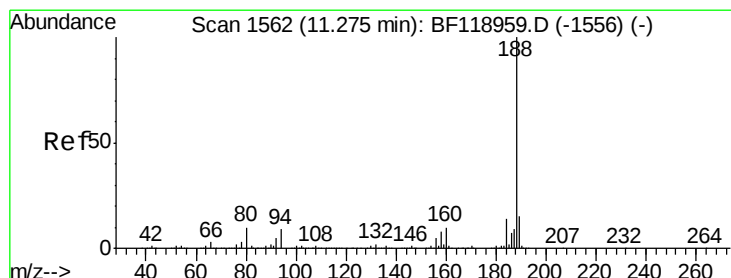
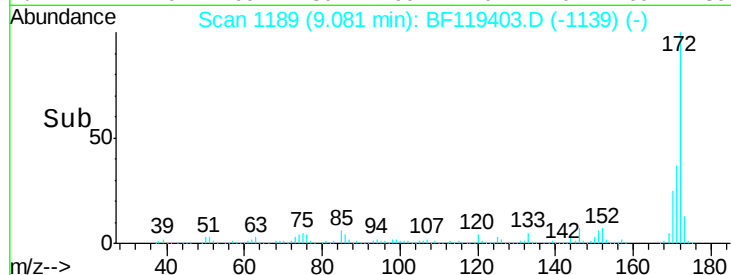
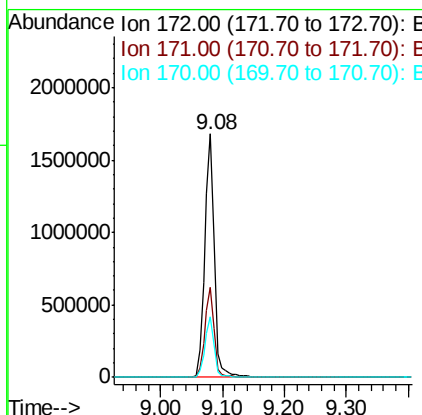
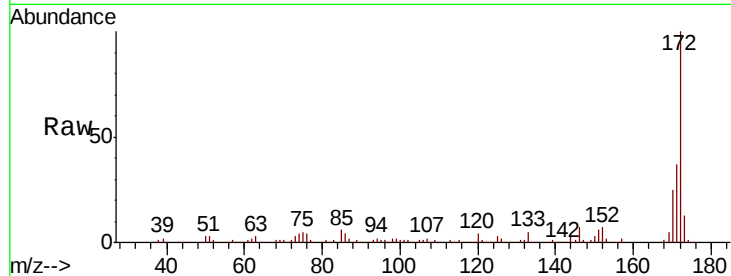




#45
 2-Fluorobiphenyl
 Concen: 102.358 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119403.D
 Acq: 13 Mar 2020 2:20

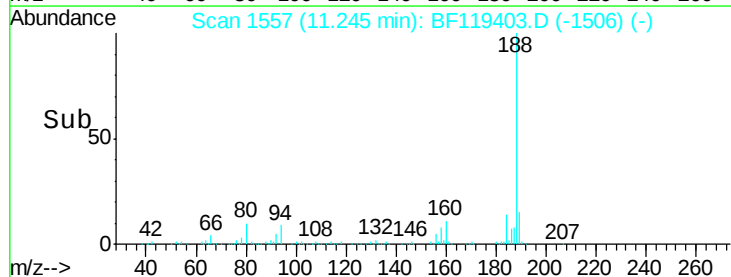
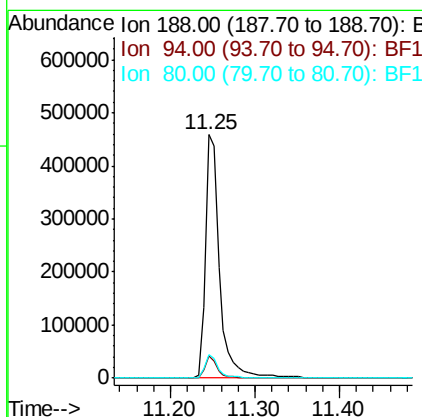
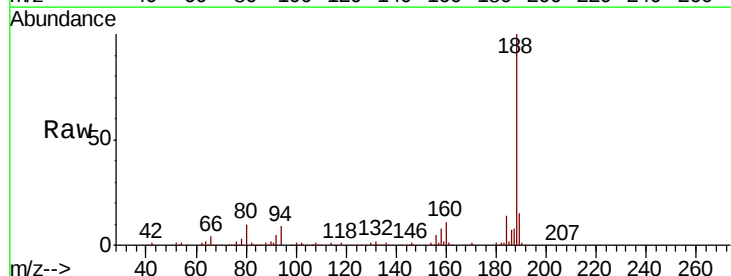
Instrument :
 BNA_F
 ClientSampleId :
 TP-8-SA

Tot Ion:172 Resp: 1834617
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.6 45.8
 170 24.7 20.2 30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF119403.D
 Acq: 13 Mar 2020 2:20

Tgt Ion:188 Resp: 533989
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.1 10.7
 80 9.8 7.8 11.8

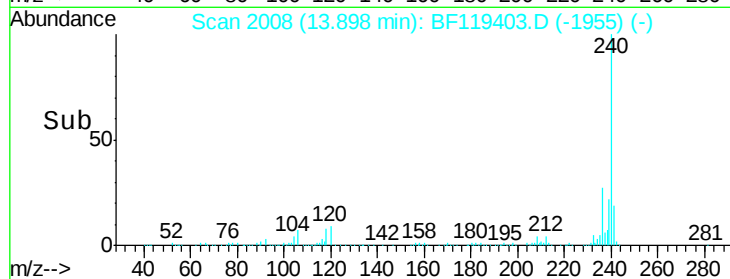
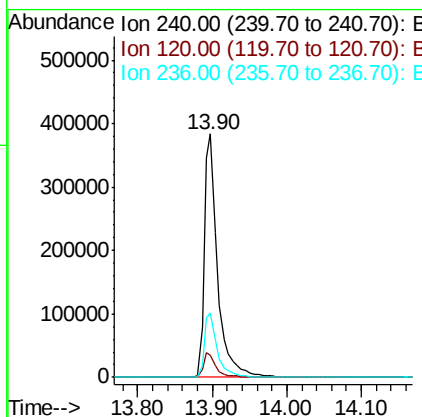
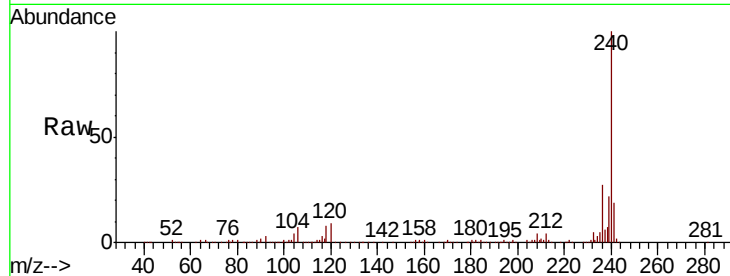




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF119403.D
 Acq: 13 Mar 2020 2:20

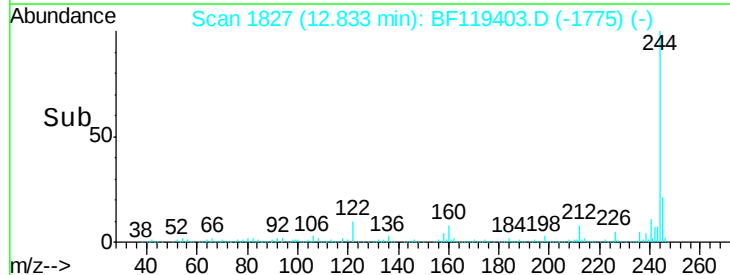
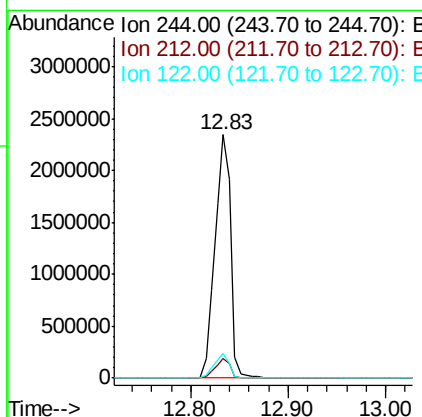
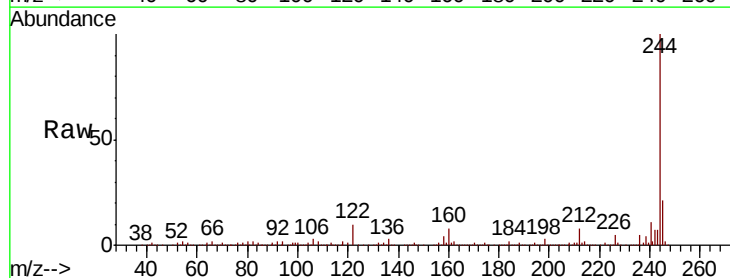
Instrument :
 BNA_F
 ClientSampleId :
 TP-8-SA

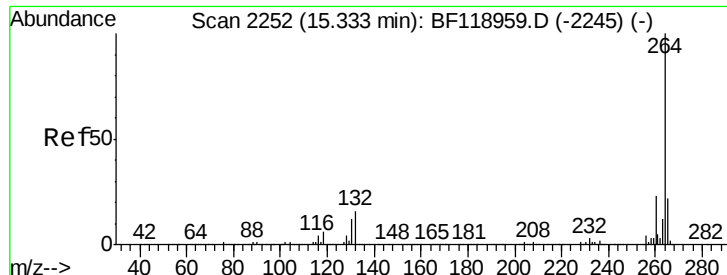
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.4	12.6
236	26.6	21.0	31.4



#79
 Terphenyl-d14
 Concen: 93.366 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119403.D
 Acq: 13 Mar 2020 2:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	10.0
122	10.1	8.2	12.2

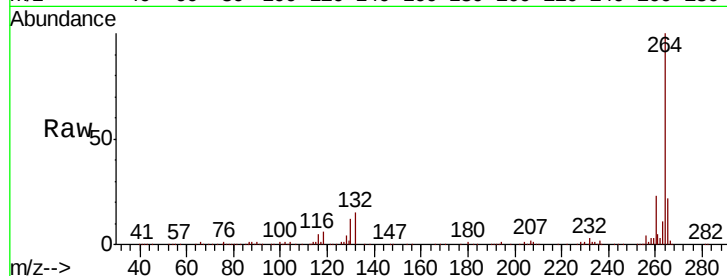




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119403.D
Acq: 13 Mar 2020 2:20

Instrument :
BNA_F
ClientSampleId :
TP-8-SA

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.6	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

