

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119200.D
 Acq On : 4 Mar 2020 17:53
 Operator : CG/JU
 Sample : L1772-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-8

Quant Time: Mar 05 05:56:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

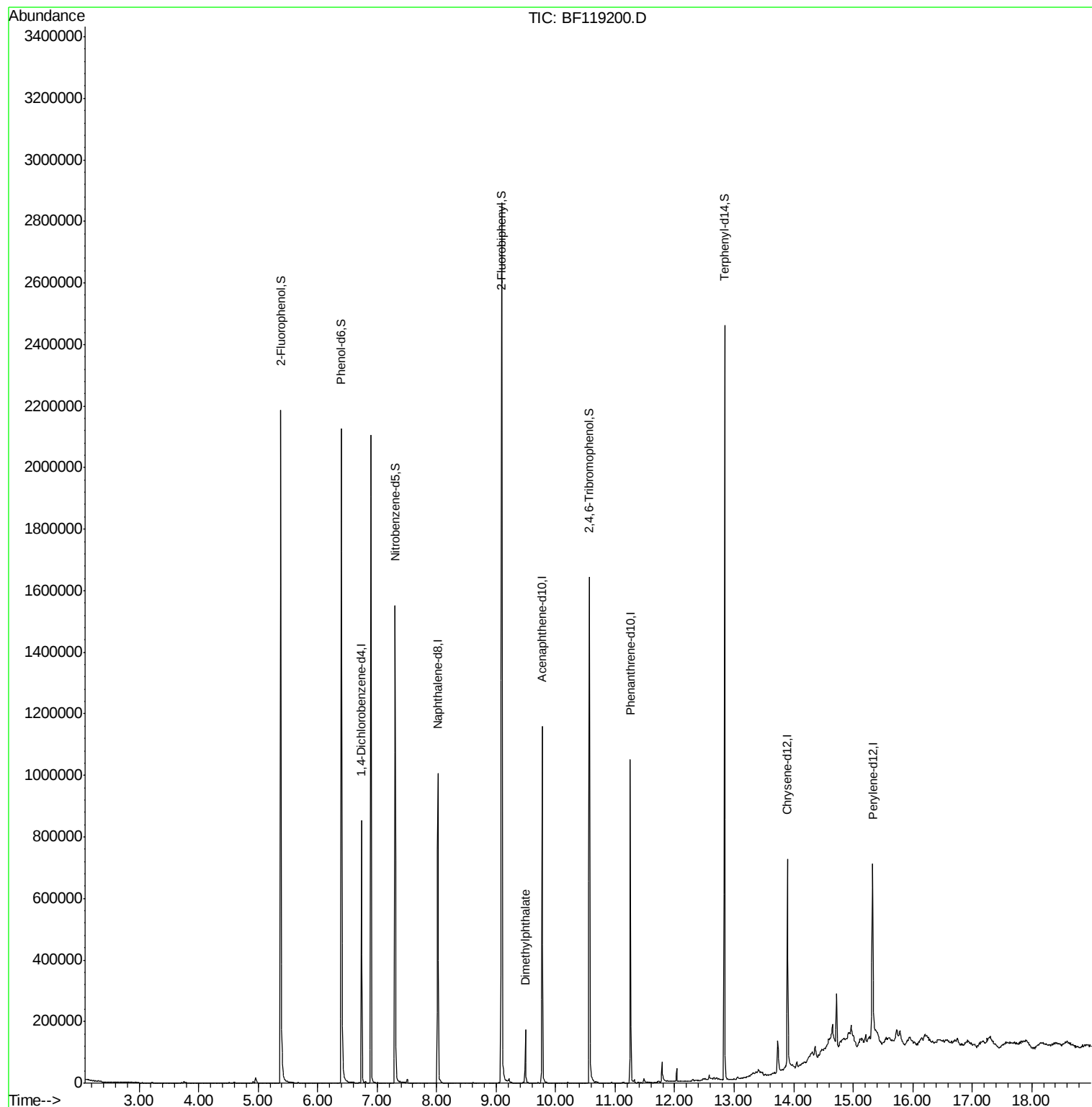
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	123937	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	477754	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	248450	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	396560	20.00	ng	0.00
76) Chrysene-d12	13.90	240	233405	20.00	ng	0.00
87) Perylene-d12	15.33	264	265461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	670299	90.38	ng	0.01
7) Phenol-d6	6.40	99	821608	91.09	ng	0.00
23) Nitrobenzene-d5	7.30	82	534232	59.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	241972	74.45	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1014838	60.17	ng	-0.01
79) Terphenyl-d14	12.84	244	833460	61.48	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.49	163	85972	4.525	ng	98

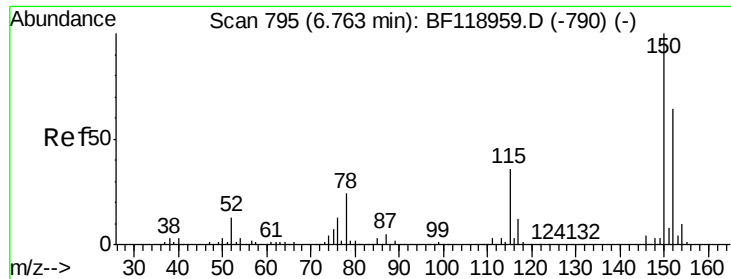
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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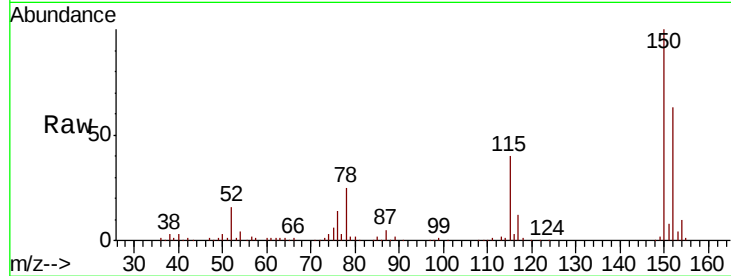


#1

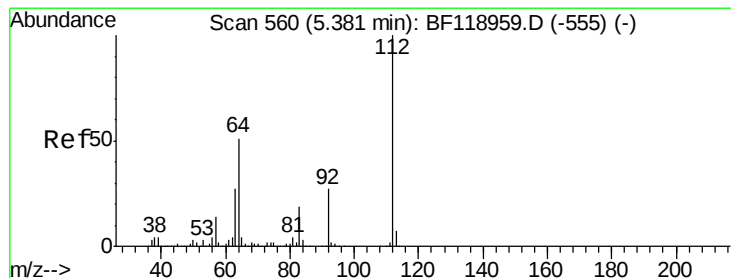
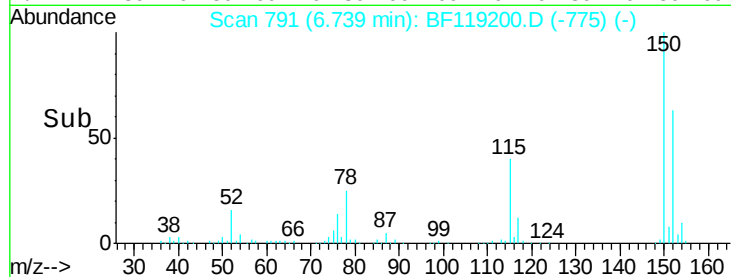
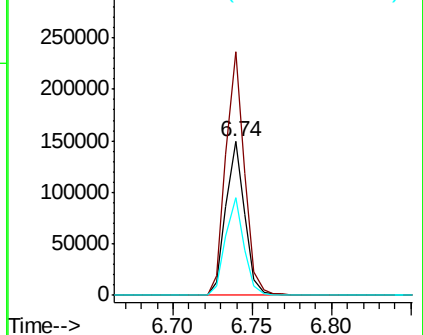
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF119200.D
 Acq: 4 Mar 2020 17:53

Instrument :
 BNA_F
 ClientSampleId :
 EP-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.0	184.6
115	63.2	49.5	74.3



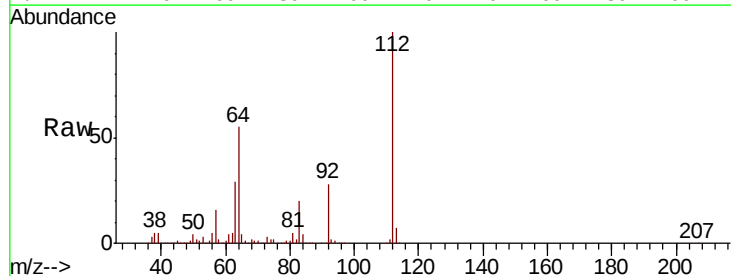
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



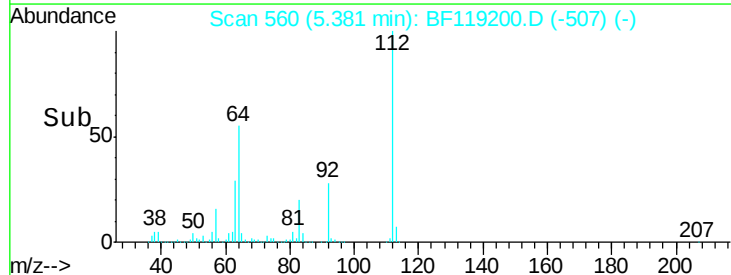
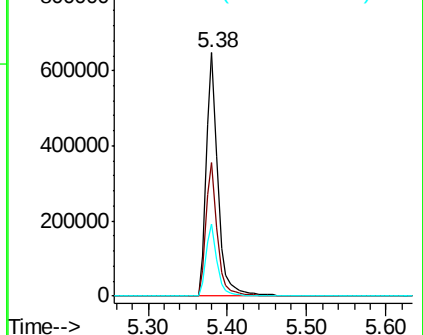
#5

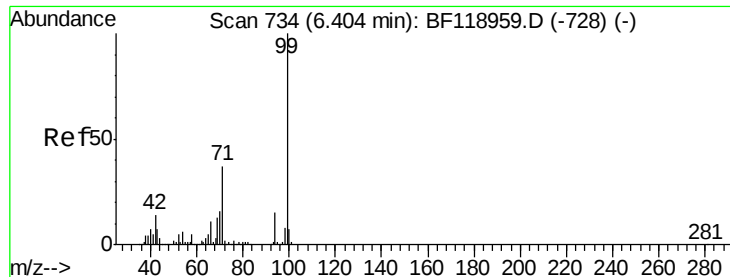
2-Fluorophenol
 Concen: 90.384 ng
 RT: 5.38 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF119200.D
 Acq: 4 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.0	67.4
63	29.4	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: 91.093 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119200.D

Acq: 4 Mar 2020 17:53

Instrument :

BNA_F

ClientSampled :

EP-8

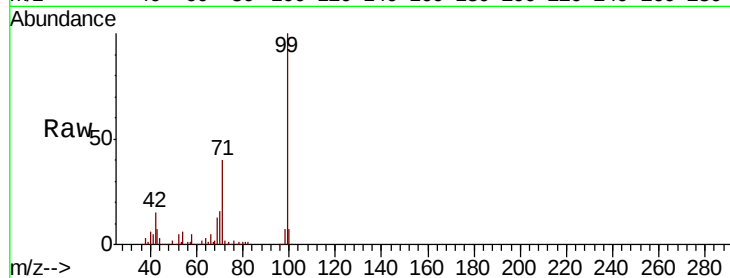
Tot Ion: 99 Resp: 821608

Ion Ratio Lower Upper

99 100

42 15.4 12.6 18.8

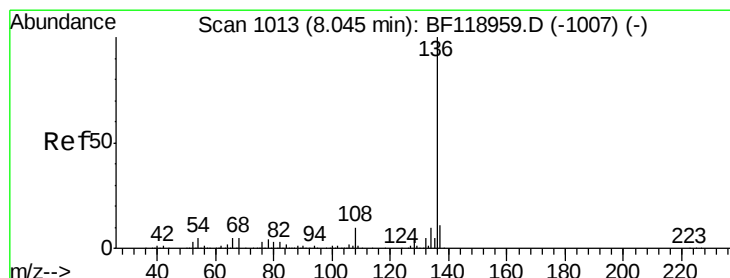
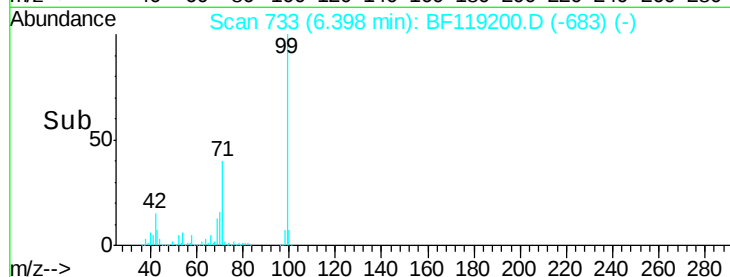
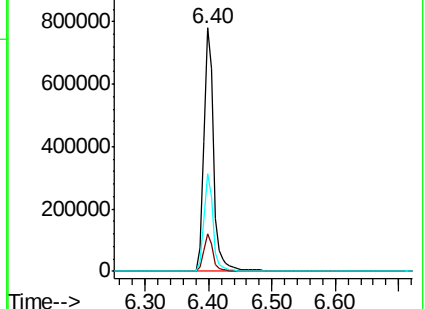
71 39.9 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119200.D

Acq: 4 Mar 2020 17:53

Tgt Ion: 136 Resp: 477754

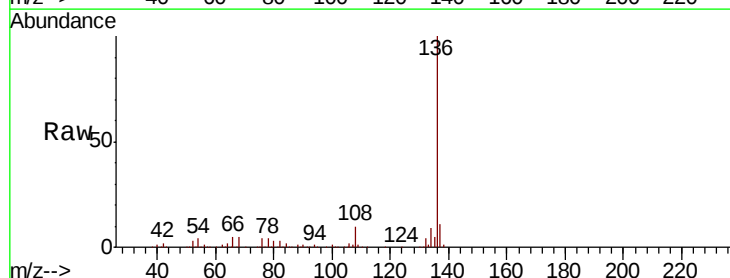
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.5 3.8 5.6

68 4.6 3.9 5.9

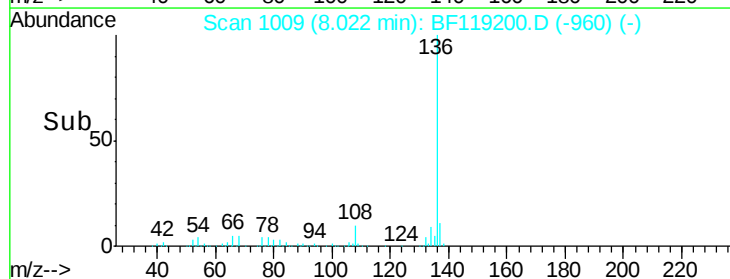
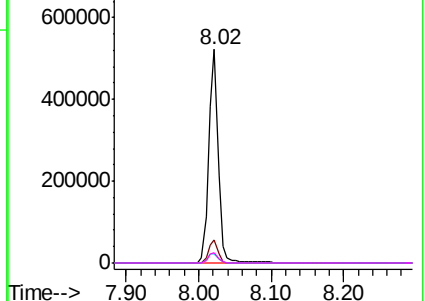


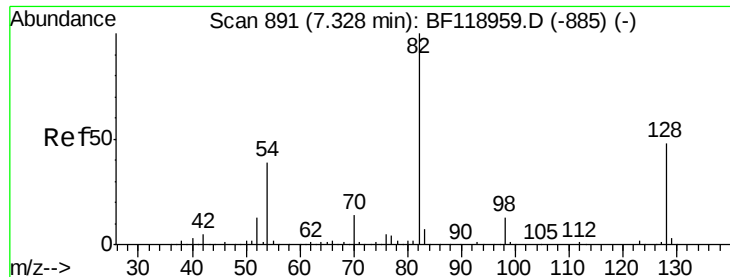
Abundance Ion 136.00 (135.70 to 136.70): E

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

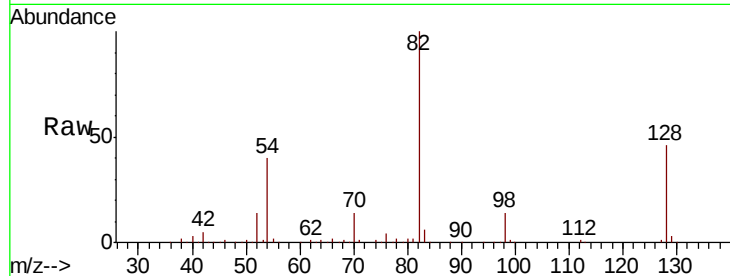




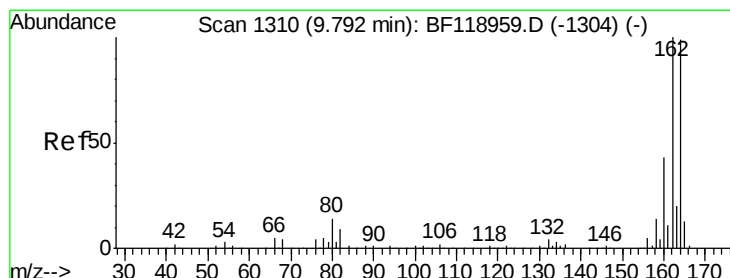
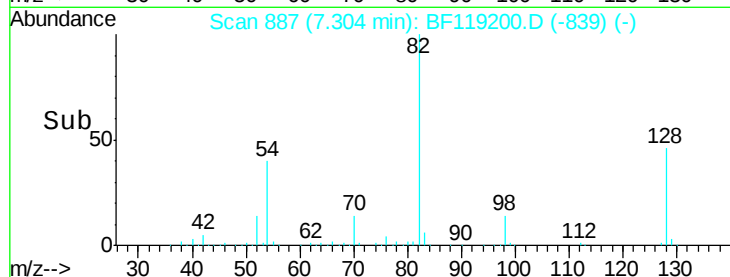
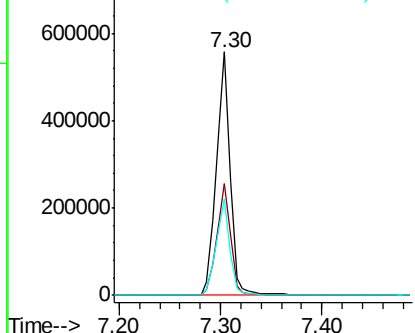
#23
 Nitrobenzene-d5
 Concen: 59.042 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119200.D
 Acq: 4 Mar 2020 17:53

Instrument :
 BNA_F
 ClientSampled :
 EP-8

Tot Ion: 82 Resp: 534232
 Ion Ratio Lower Upper
 82 100
 128 46.1 37.9 56.9
 54 39.7 33.4 50.2

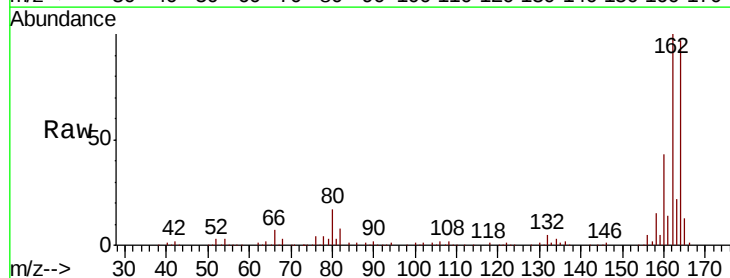


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

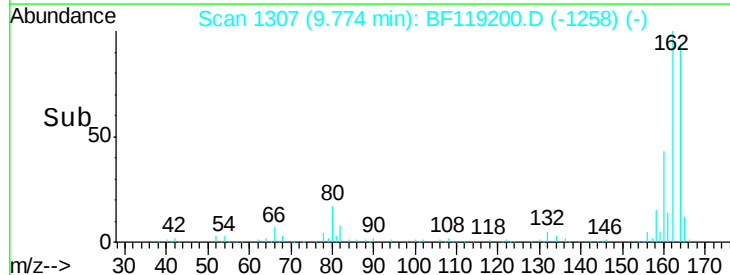
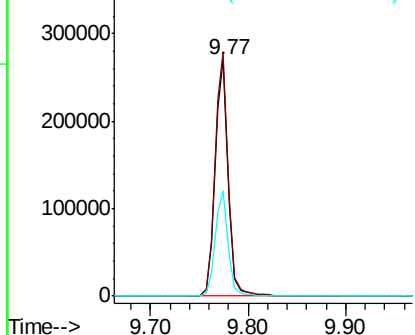


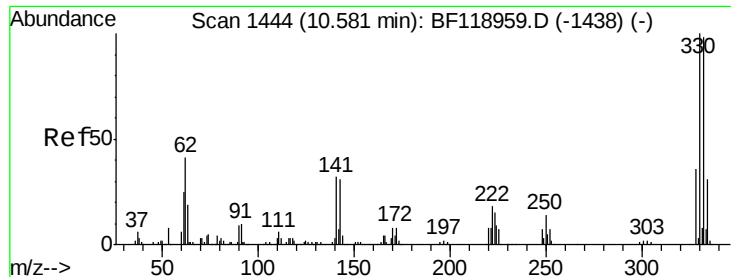
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119200.D
 Acq: 4 Mar 2020 17:53

Tgt Ion: 164 Resp: 248450
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.8 122.8
 160 44.8 36.0 54.0



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

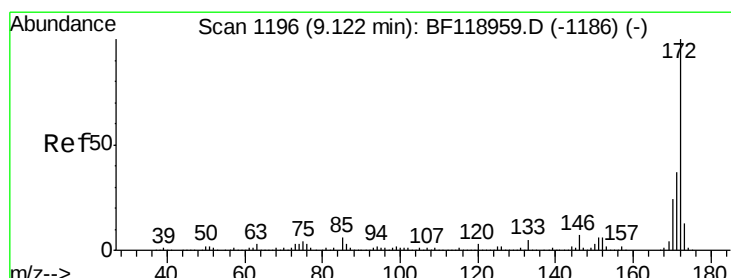
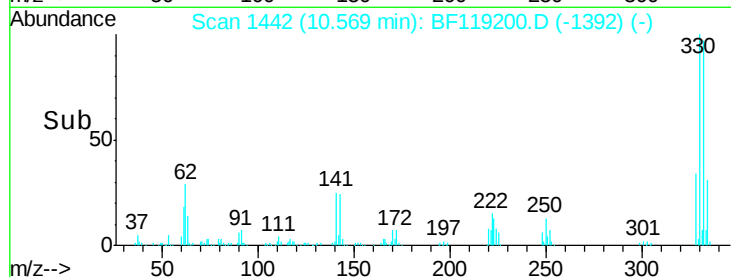
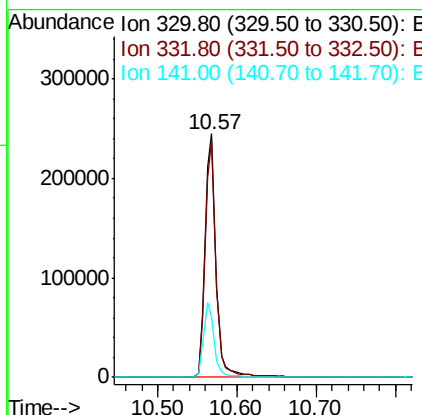
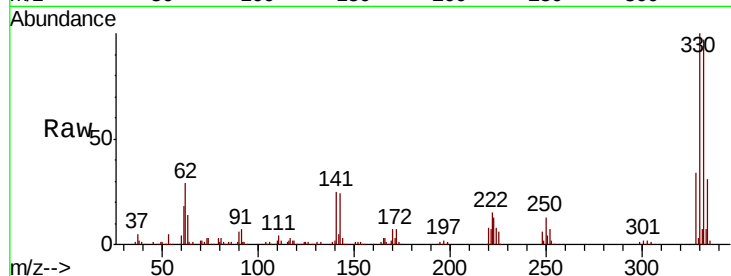




#42
 2,4,6-Tribromophenol
 Concen: 74.450 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119200.D
 Acq: 4 Mar 2020 17:53

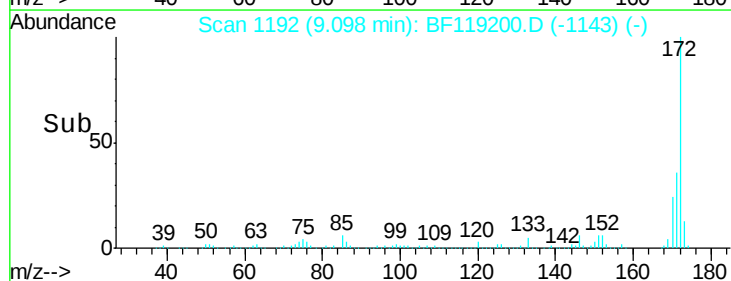
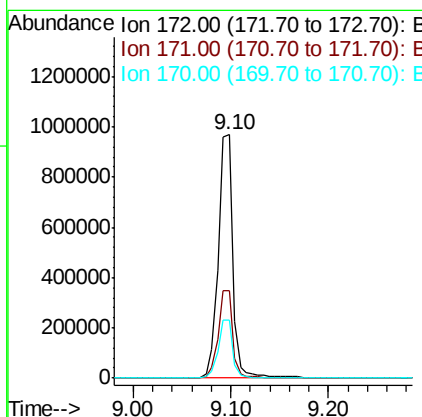
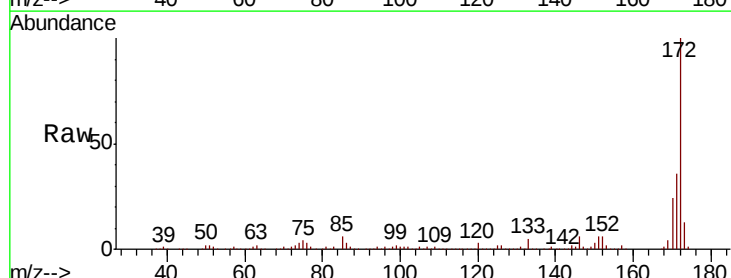
Instrument :
 BNA_F
 ClientSampleId :
 EP-8

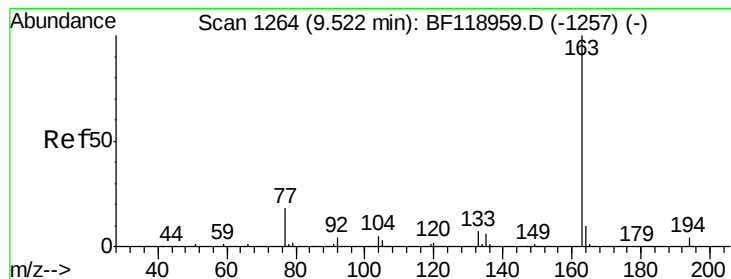
Tot Ion:330 Resp: 241972
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.0 114.0
 141 30.3 22.9 34.3



#45
 2-Fluorobiphenyl
 Concen: 60.174 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119200.D
 Acq: 4 Mar 2020 17:53

Tgt Ion:172 Resp: 1014838
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.6 45.8
 170 23.8 20.2 30.2





#50

Dimethylphthalate

Concen: 4.525 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119200.D

Acq: 4 Mar 2020 17:53

Instrument :

BNA_F

ClientSampled :

EP-8

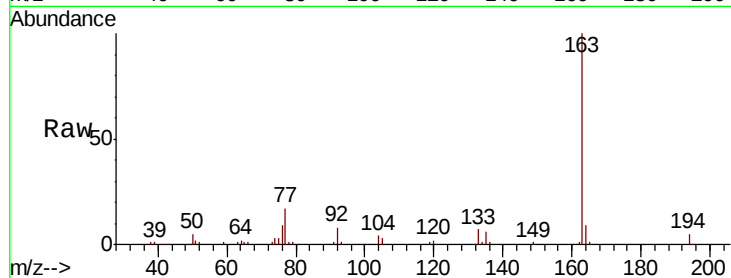
Tot Ion:163 Resp: 85972

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

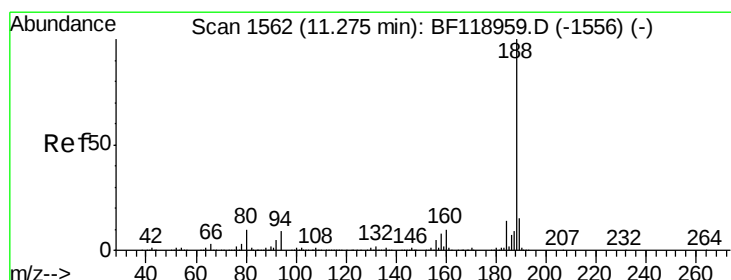
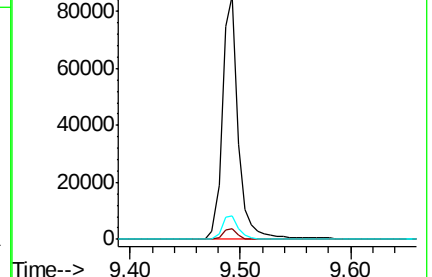
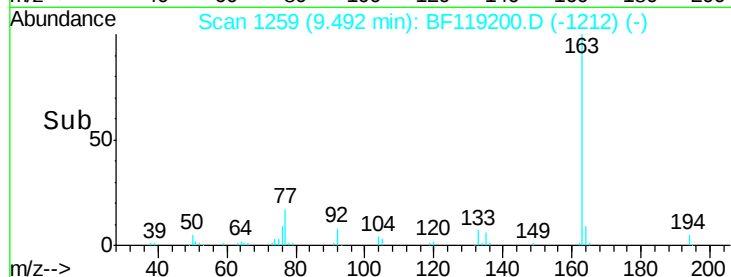
164 9.4 8.4 12.6



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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119200.D

Acq: 4 Mar 2020 17:53

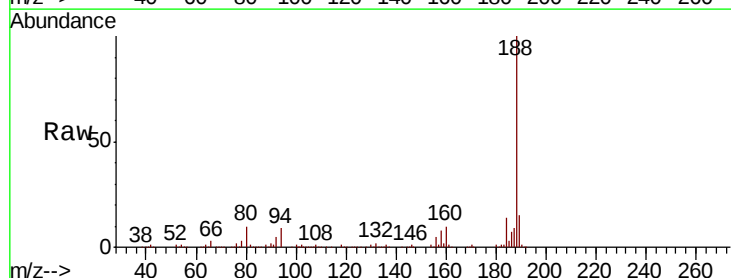
Tgt Ion:188 Resp: 396560

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

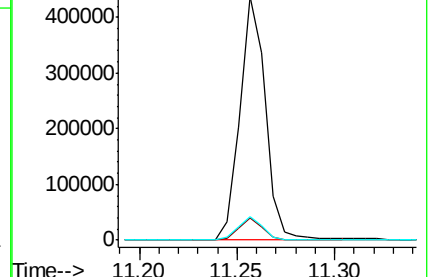
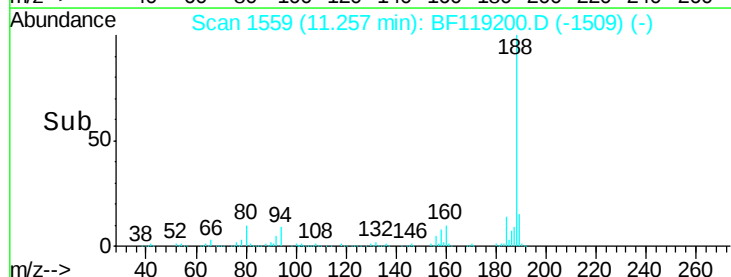
80 9.6 7.8 11.8

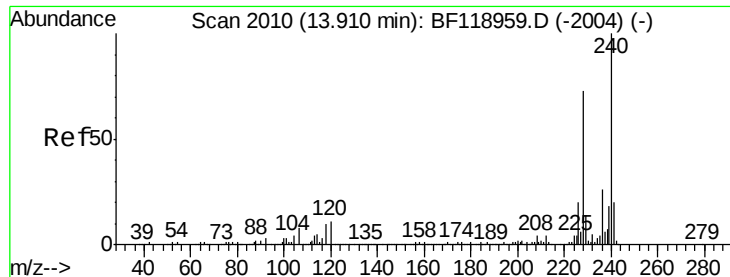


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

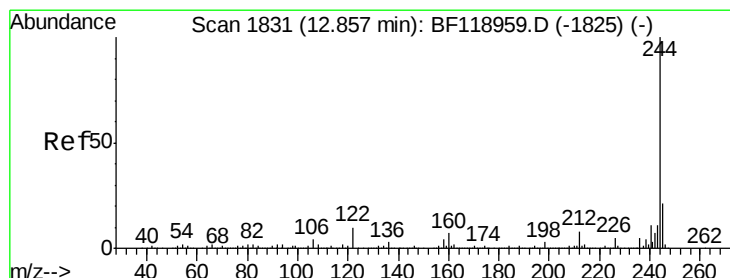
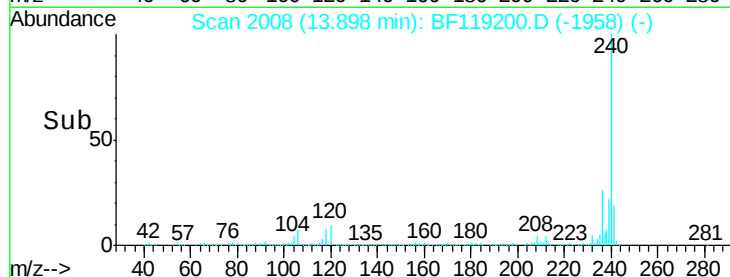
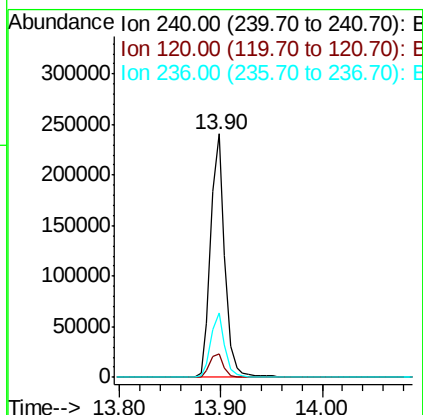
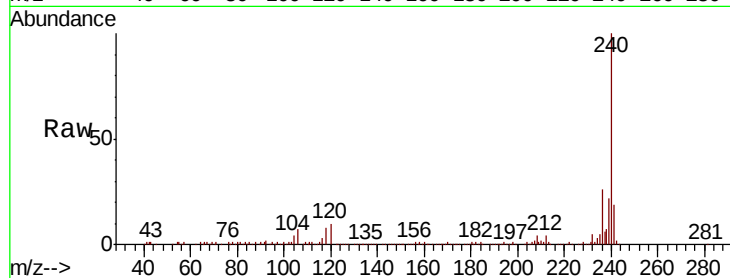




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119200.D
 Acq: 4 Mar 2020 17:53

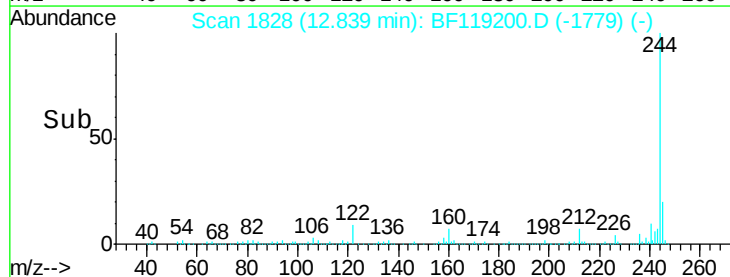
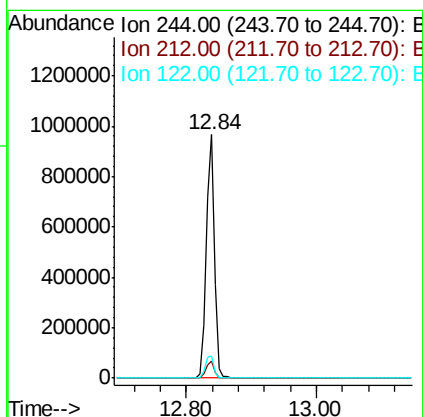
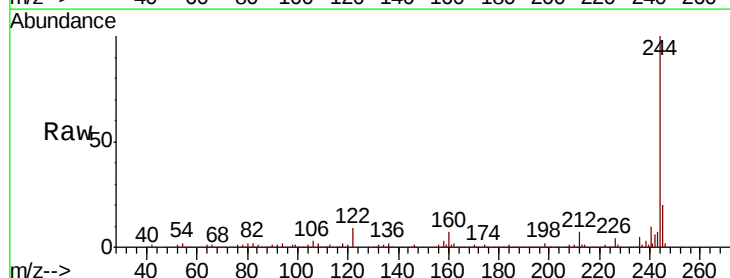
Instrument :
 BNA_F
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 EP-8

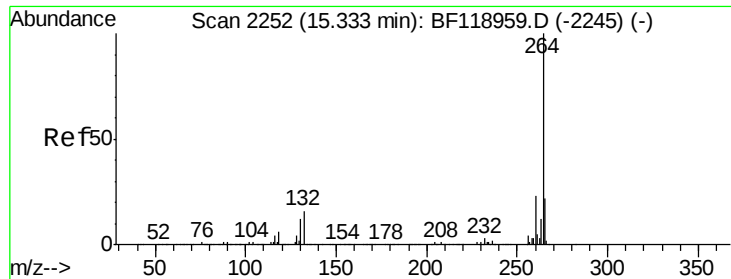
Tot Ion:240 Resp: 233405
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.4 12.6
 236 26.3 21.0 31.4



#79
 Terphenyl-d14
 Concen: 61.479 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119200.D
 Acq: 4 Mar 2020 17:53

Tgt Ion:244 Resp: 833460
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 10.0
 122 9.3 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119200.D
Acq: 4 Mar 2020 17:53

Instrument :
BNA_F
ClientSampleId :
EP-8

Tot Ion: 264 Resp: 265461

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.4	17.7	26.5

