

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119207.D
 Acq On : 4 Mar 2020 21:21
 Operator : CG/JU
 Sample : L1772-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-7

Quant Time: Mar 05 06:14:14 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

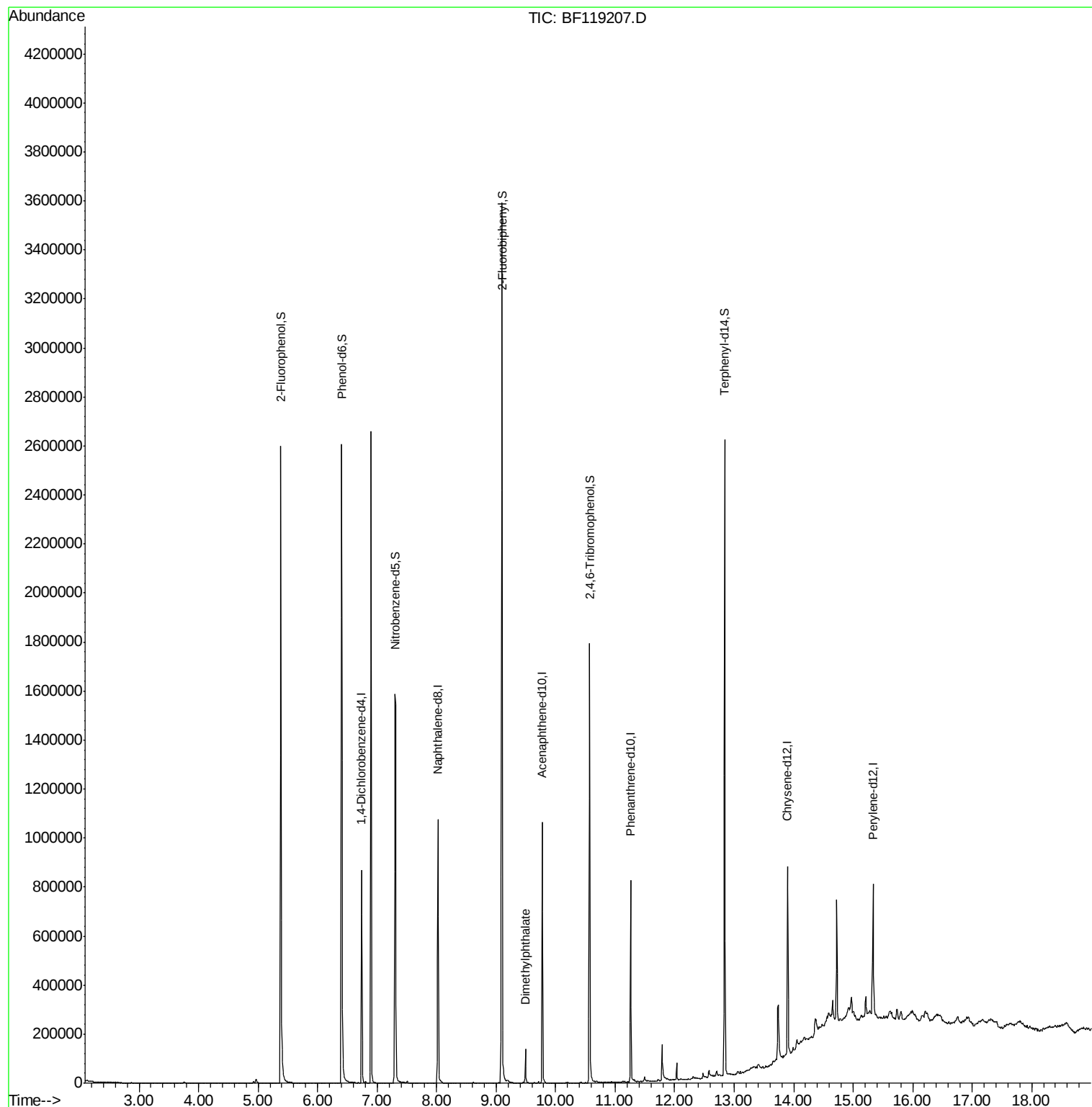
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	135151	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	482604	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	222290	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	336446	20.00	ng	0.00
76) Chrysene-d12	13.90	240	262814	20.00	ng	0.00
87) Perylene-d12	15.33	264	231433	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	819281	101.31	ng	0.01
7) Phenol-d6	6.40	99	972129	98.84	ng	0.00
23) Nitrobenzene-d5	7.30	82	616670	67.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	233848	80.42	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1145184	75.89	ng	-0.01
79) Terphenyl-d14	12.84	244	975170	63.88	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	62163	3.657	ng	Qvalue 99

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

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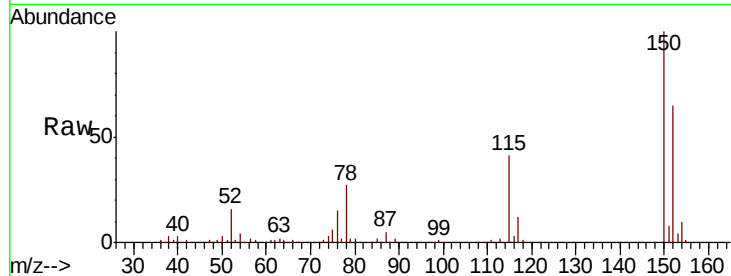


#1

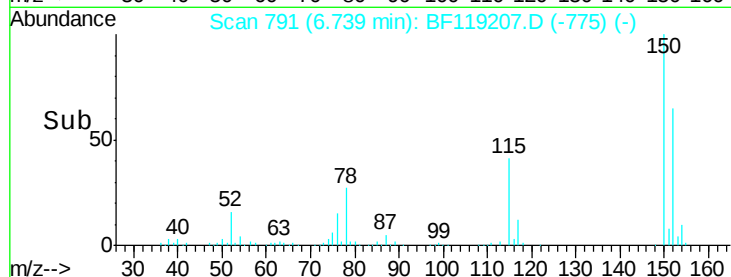
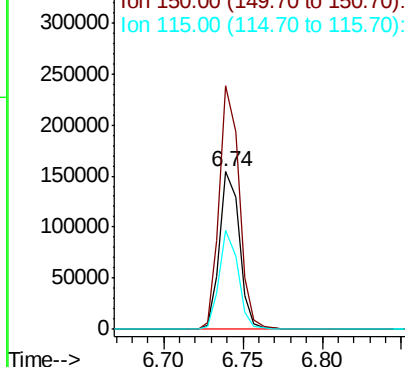
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119207.D
Acq: 4 Mar 2020 21:21

Instrument :
BNA_F
ClientSampleId :
EP-7

Tot Ion:152 Resp: 135151
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.6
115 62.7 49.5 74.3



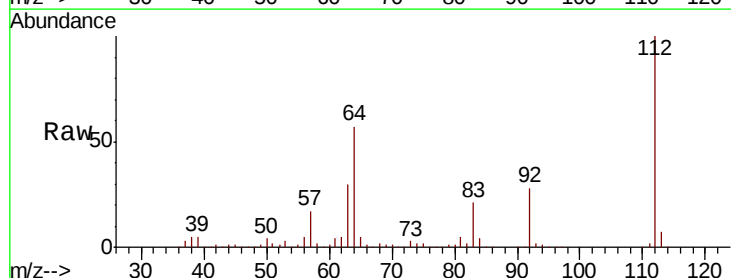
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



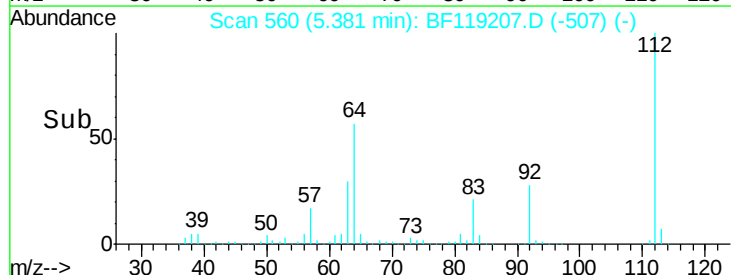
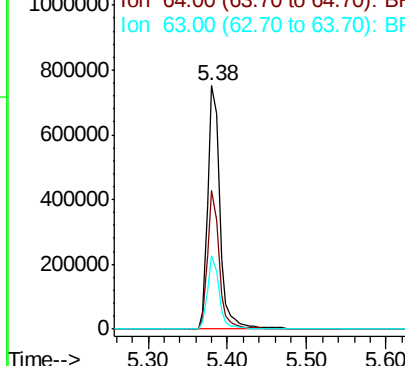
#5

2-Fluorophenol
Concen: 101.306 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF119207.D
Acq: 4 Mar 2020 21:21

Tgt Ion:112 Resp: 819281
Ion Ratio Lower Upper
112 100
64 57.0 45.0 67.4
63 30.3 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: 98.839 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

Instrument :

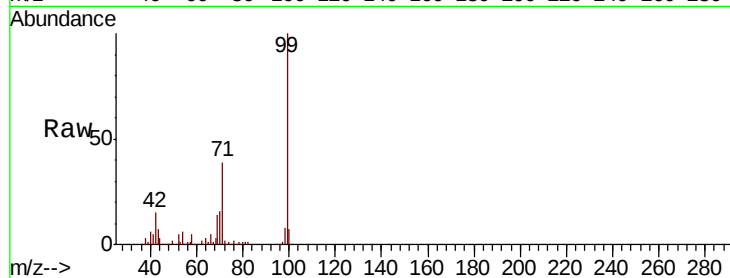
BNA_F

ClientSampleId :

EP-7

Tot Ion: 99 Resp: 972129

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.6	18.8
71	39.1	31.0	46.4

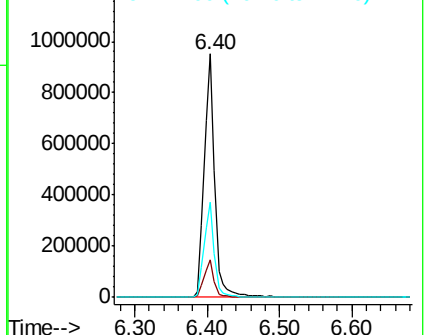
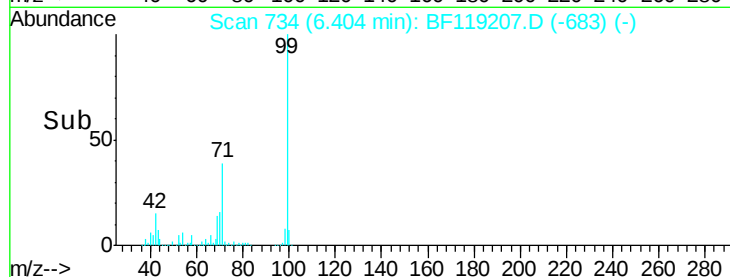


Abundance

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

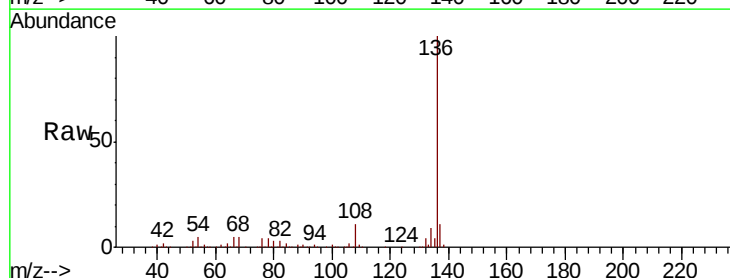
Delta R.T. -0.01 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

Tgt Ion: 136 Resp: 482604

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.1	3.8	5.6
68	5.4	3.9	5.9



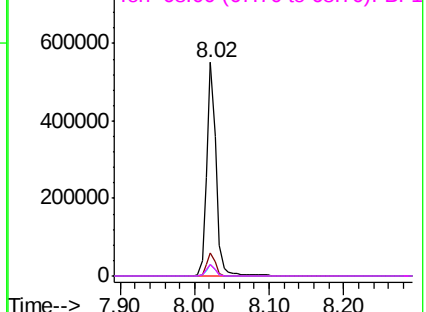
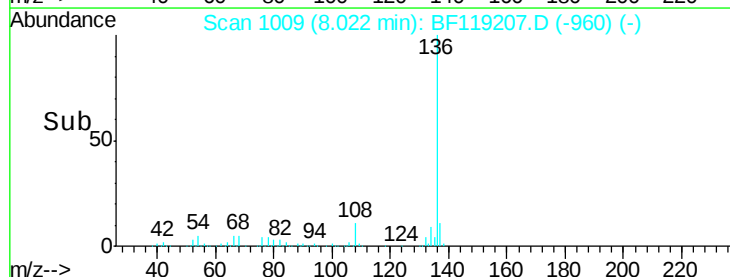
Abundance

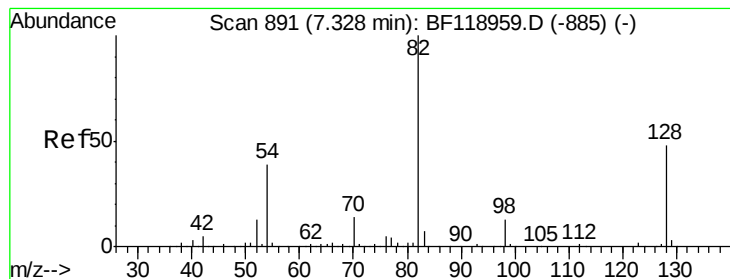
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 67.468 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

Instrument :

BNA_F

ClientSampleId :

EP-7

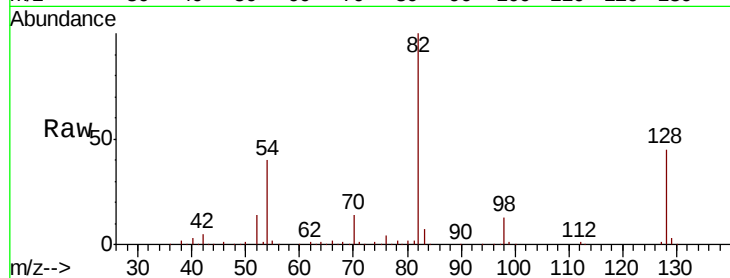
Tot Ion: 82 Resp: 616670

Ion Ratio Lower Upper

82 100

128 45.4 37.9 56.9

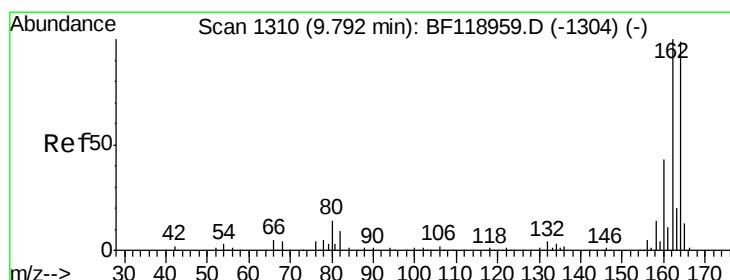
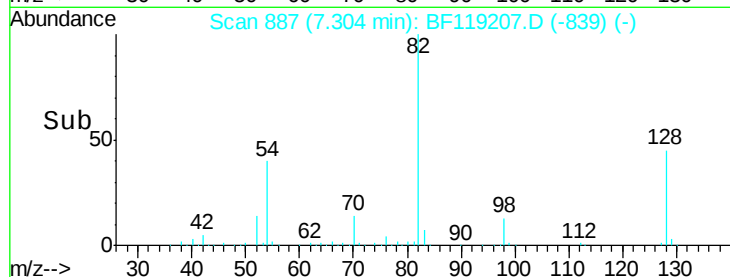
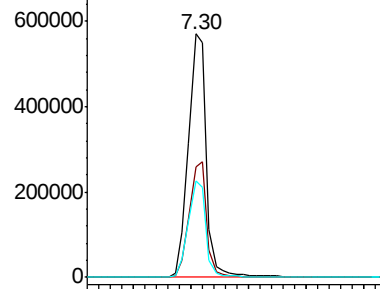
54 39.9 33.4 50.2



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: BF119207.D

Acq: 4 Mar 2020 21:21

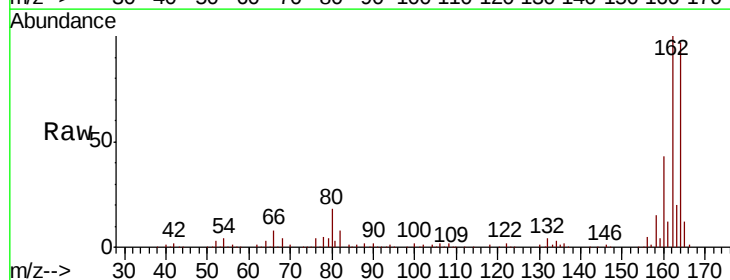
Tgt Ion:164 Resp: 222290

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.8

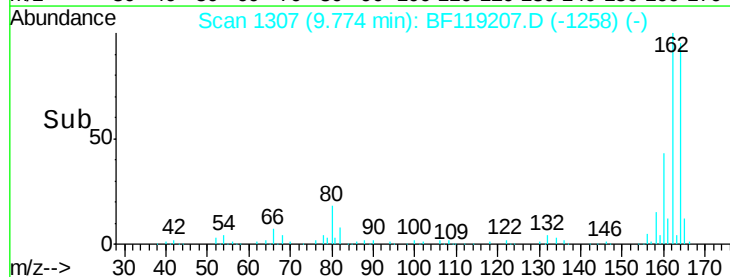
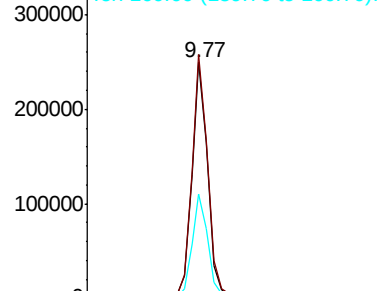
160 44.2 36.0 54.0



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

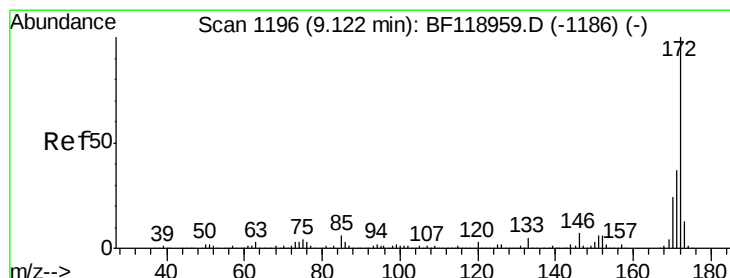
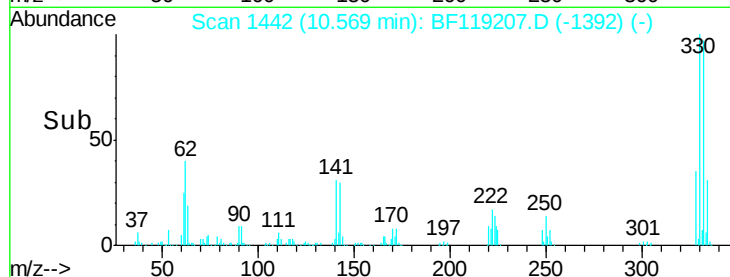
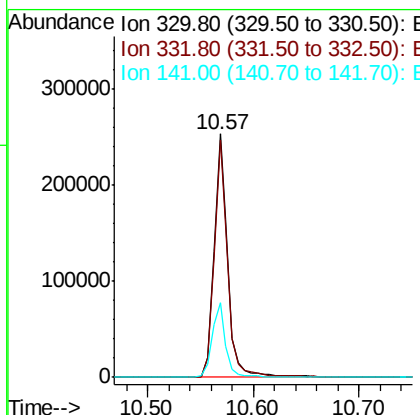
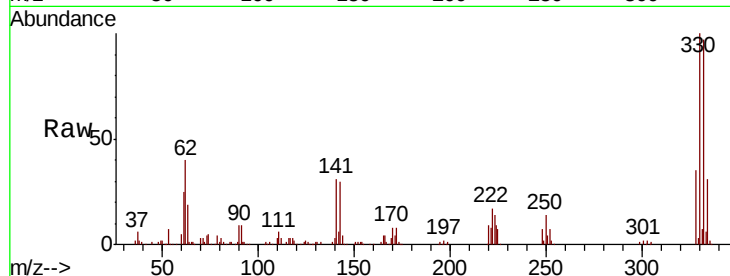




#42
 2,4,6-Tribromophenol
 Concen: 80.417 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119207.D
 Acq: 4 Mar 2020 21:21

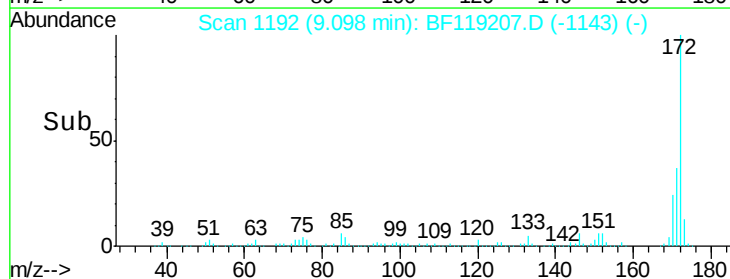
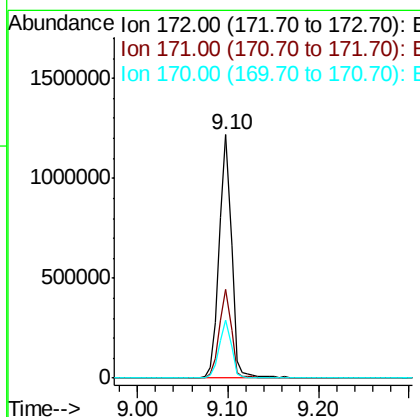
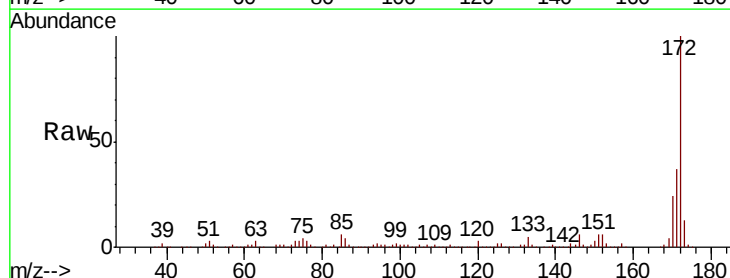
Instrument :
 BNA_F
 ClientSampleId :
 EP-7

Tot Ion:330 Resp: 233848
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 30.6 22.9 34.3



#45
 2-Fluorobiphenyl
 Concen: 75.894 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119207.D
 Acq: 4 Mar 2020 21:21

Tgt Ion:172 Resp: 1145184
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.6 45.8
 170 24.0 20.2 30.2





#50

Dimethylphthalate

Concen: 3.657 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

Instrument :

BNA_F

ClientSampleId :

EP-7

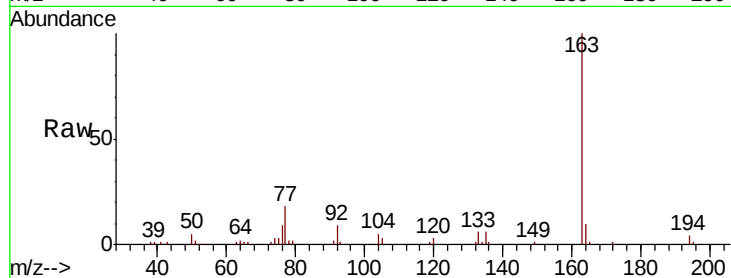
Tot Ion:163 Resp: 62163

Ion Ratio Lower Upper

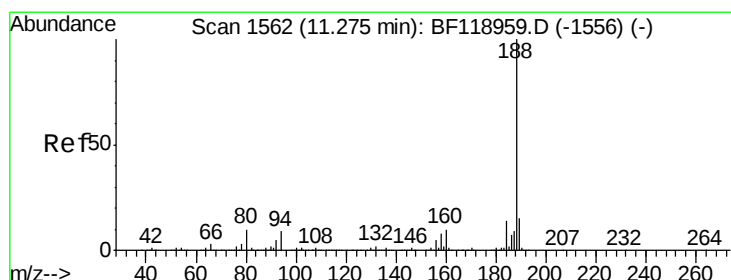
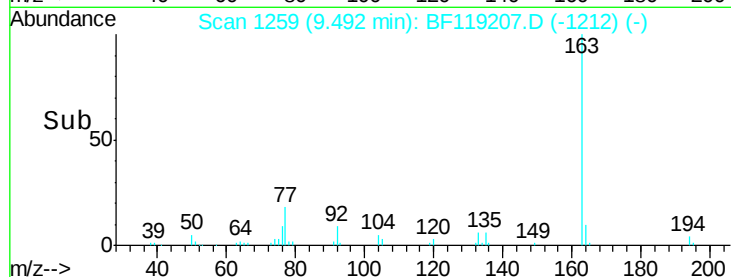
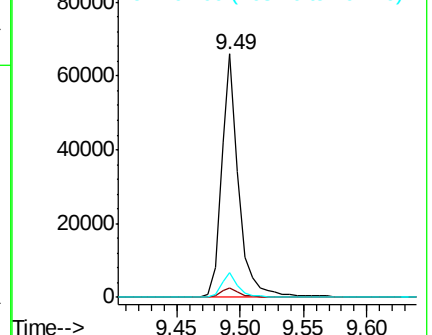
163 100

194 4.0 3.5 5.3

164 10.3 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# 1560

Delta R.T. -0.00 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

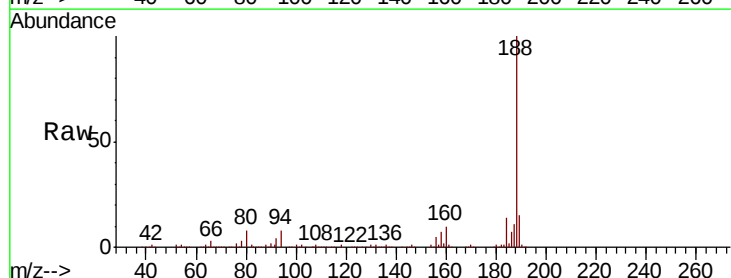
Tgt Ion:188 Resp: 336446

Ion Ratio Lower Upper

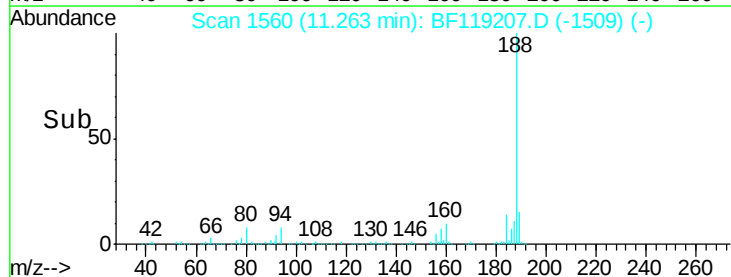
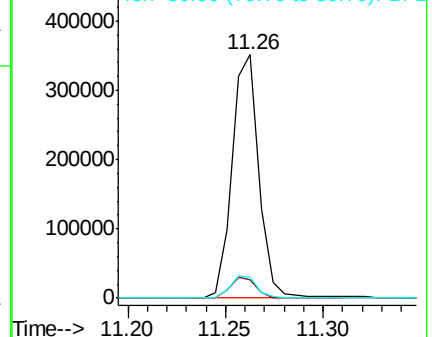
188 100

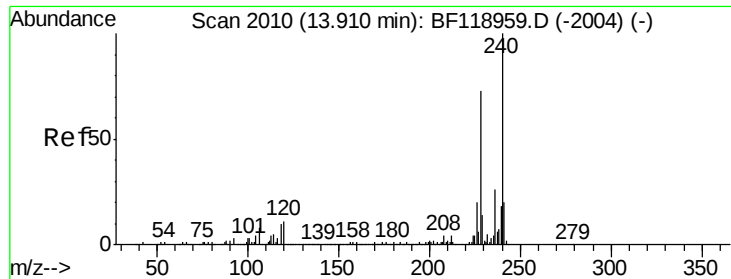
94 7.6 7.1 10.7

80 8.4 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: BF119207.D

Acq: 4 Mar 2020 21:21

Instrument :

BNA_F

ClientSampleId :

EP-7

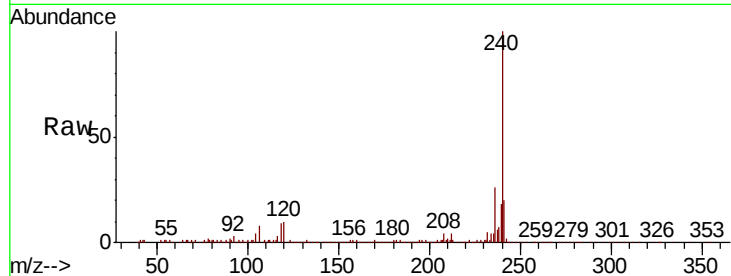
Tot Ion:240 Resp: 262814

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

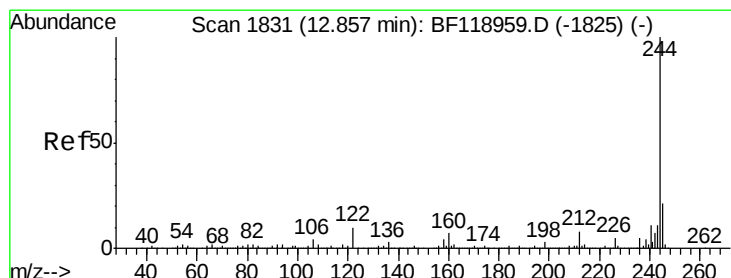
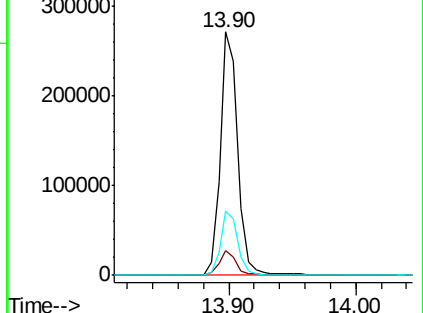
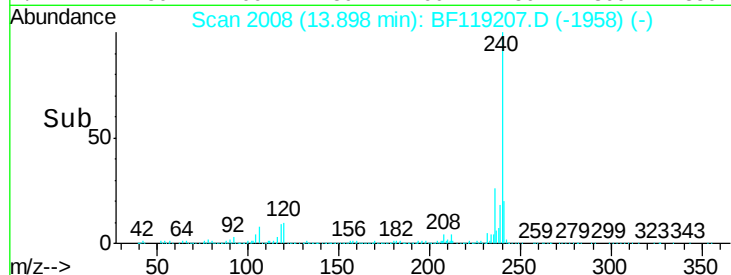
236 26.3 21.0 31.4



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: 63.883 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

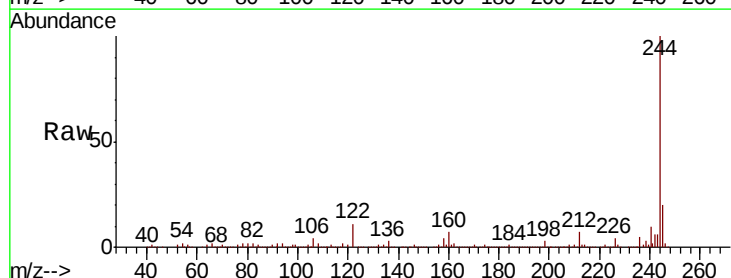
Tgt Ion:244 Resp: 975170

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

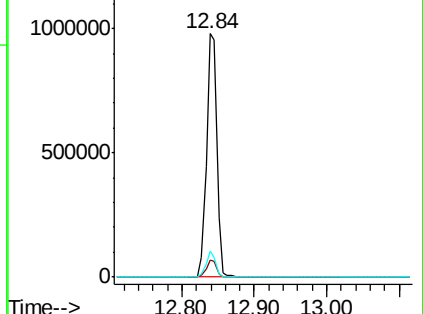
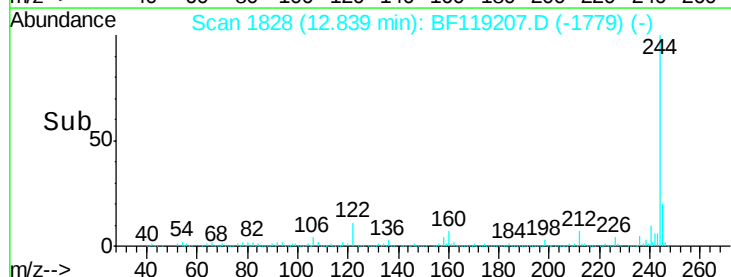
122 10.6 8.2 12.2

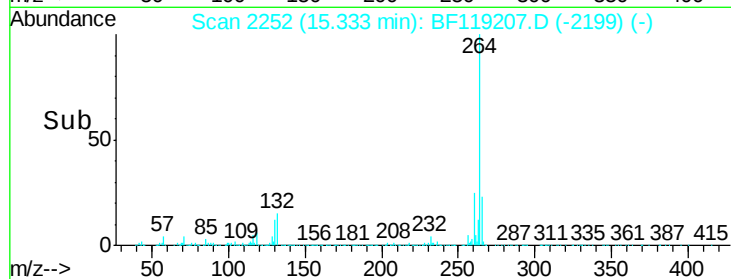
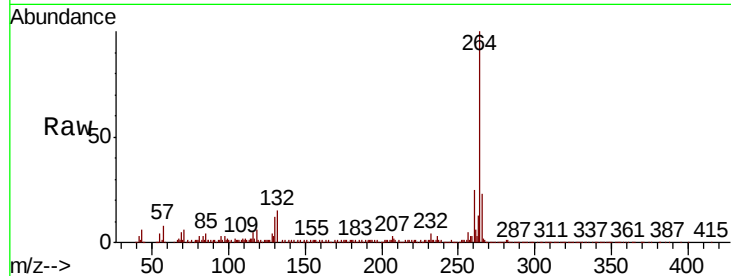
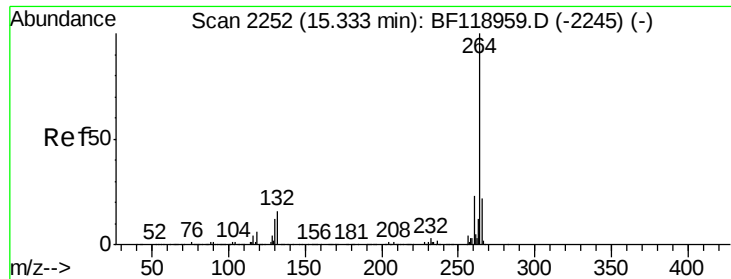


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF119207.D
Acq: 4 Mar 2020 21:21

Instrument :
BNA_F
ClientSampleId :
EP-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	23.0	17.7	26.5

