

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119855.D
 Acq On : 9 Apr 2020 5:50
 Operator : MA/SJ
 Sample : L2151-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-719

Quant Time: Apr 09 06:34:28 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

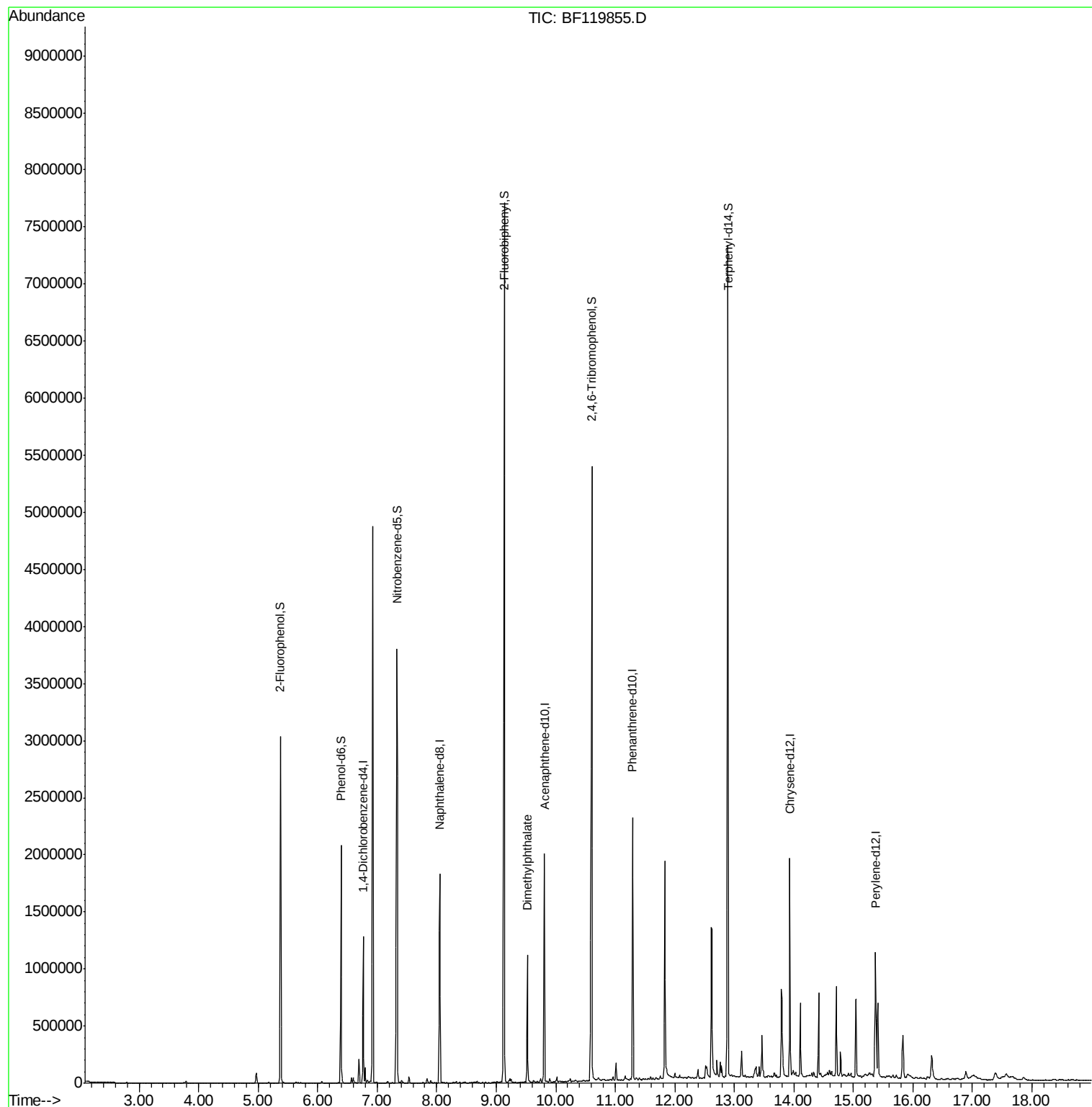
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	191768	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	811828	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	424516	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	838645	20.00	ng	0.00
76) Chrysene-d12	13.93	240	630158	20.00	ng	0.00
87) Perylene-d12	15.37	264	516805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	823622	74.22	ng	0.00
7) Phenol-d6	6.39	99	617730	43.20	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1507676	96.08	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	773262	148.78	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2883709	96.44	ng	0.00
79) Terphenyl-d14	12.89	244	3231331	86.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.53	163	464662	14.151	ng	Qvalue 98

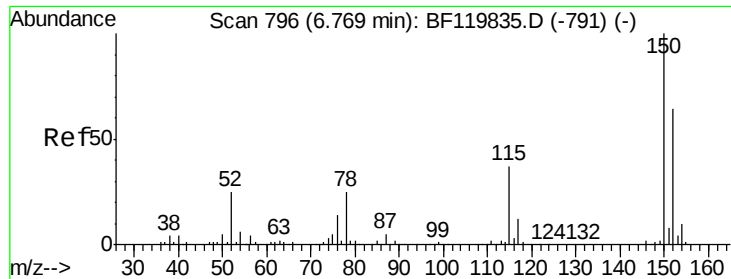
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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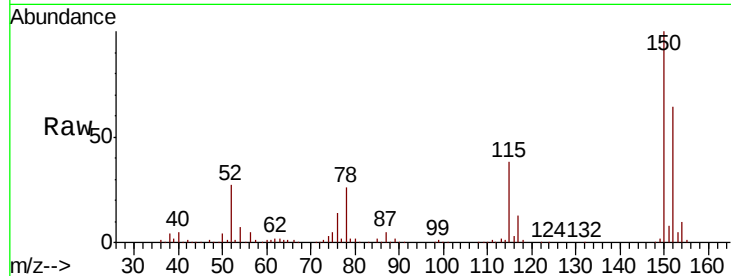


#1

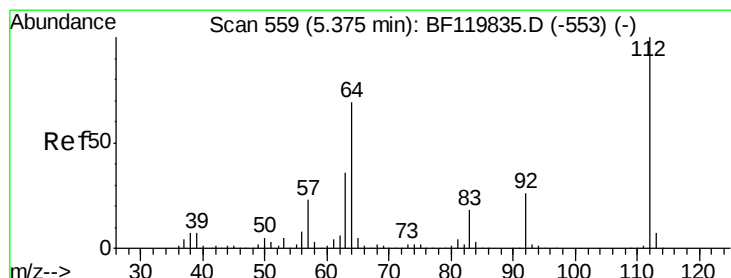
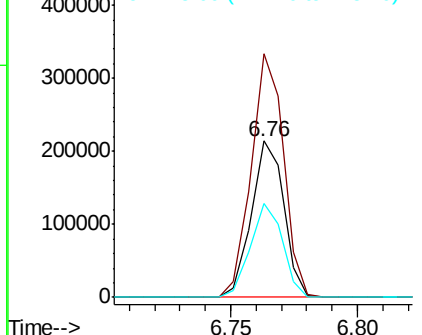
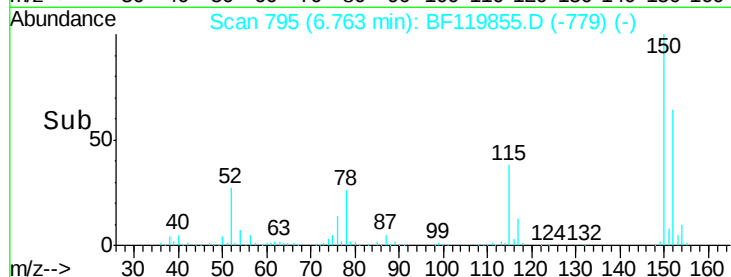
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119855.D
Acq: 9 Apr 2020 5:50

Instrument :
BNA_F
ClientSampleId :
MH-719

Tot Ion:152 Resp: 191768
Ion Ratio Lower Upper
152 100
150 155.8 124.8 187.2
115 59.9 46.5 69.7



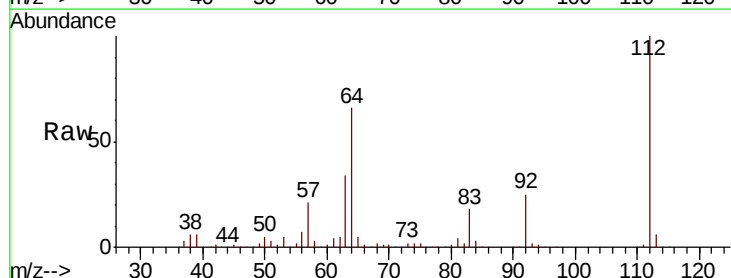
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



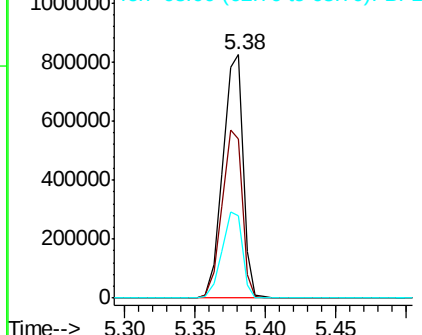
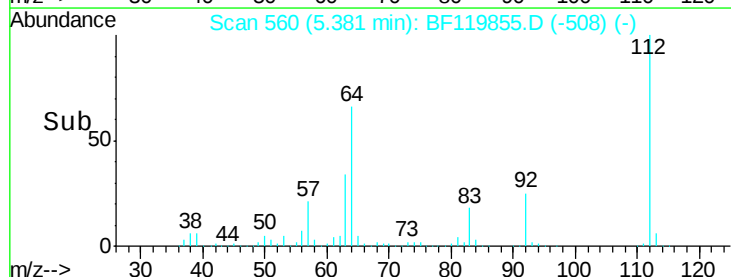
#5

2-Fluorophenol
Concen: 74.224 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF119855.D
Acq: 9 Apr 2020 5:50

Tgt Ion:112 Resp: 823622
Ion Ratio Lower Upper
112 100
64 65.5 55.5 83.3
63 33.6 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: 43.203 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119855.D

Acq: 9 Apr 2020 5:50

Instrument :

BNA_F

ClientSampleId :

MH-719

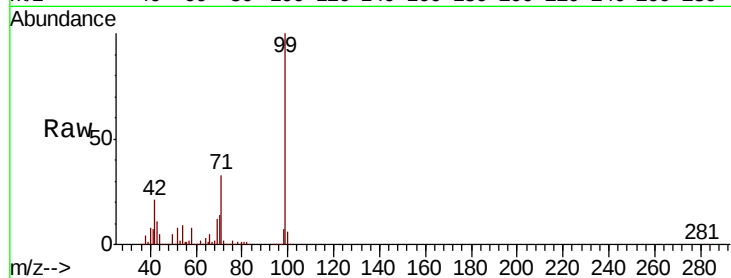
Tot Ion: 99 Resp: 617730

Ion Ratio Lower Upper

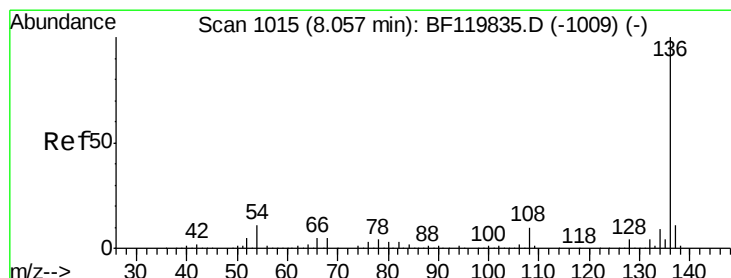
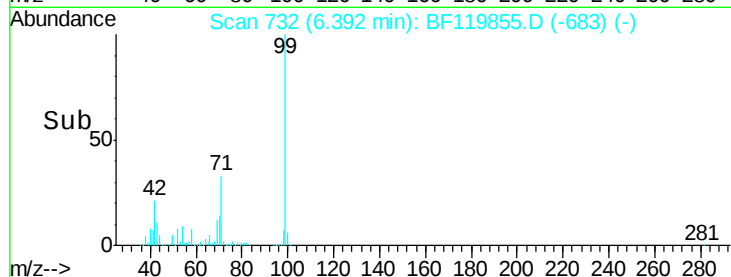
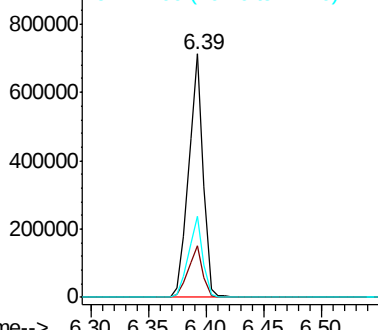
99 100

42 21.1 16.9 25.3

71 33.5 26.3 39.5



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: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119855.D

Acq: 9 Apr 2020 5:50

Tgt Ion: 136 Resp: 811828

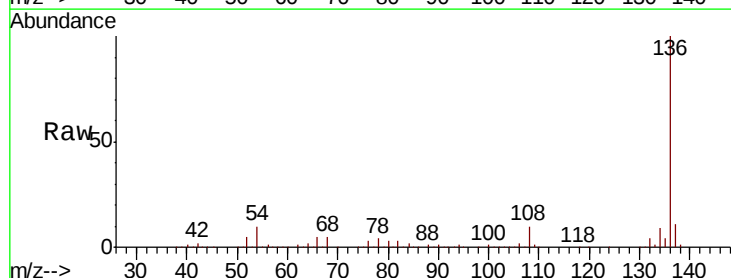
Ion Ratio Lower Upper

136 100

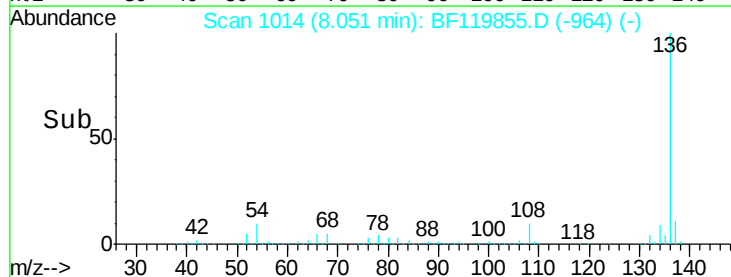
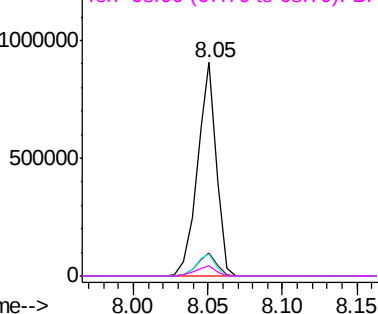
137 10.9 8.7 13.1

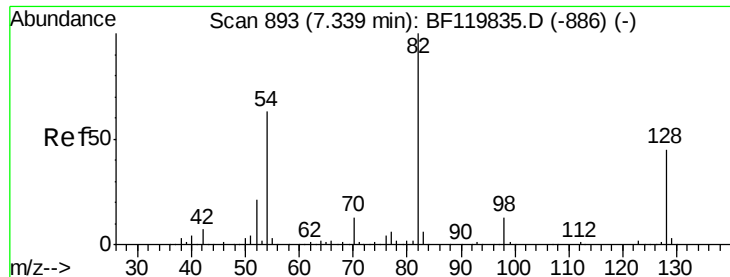
54 10.4 8.5 12.7

68 4.9 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

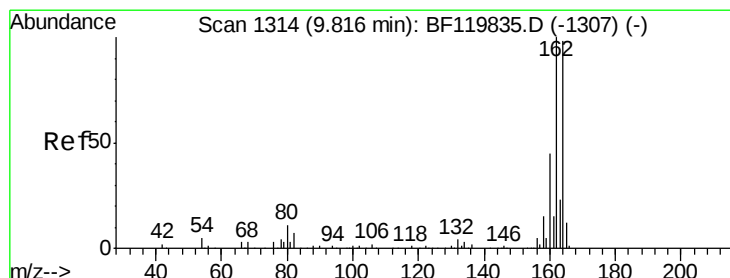
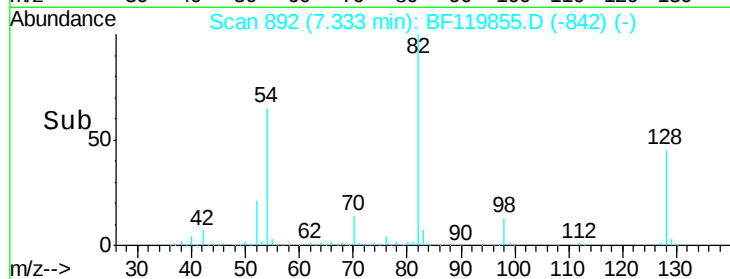
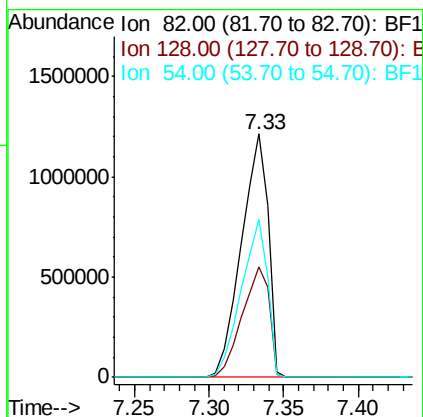
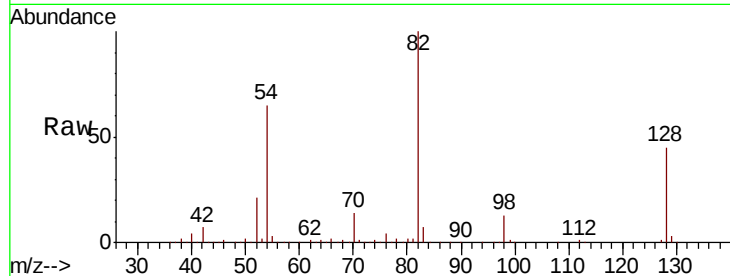




#23
Nitrobenzene-d5
Concen: 96.076 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119855.D
Acq: 9 Apr 2020 5:50

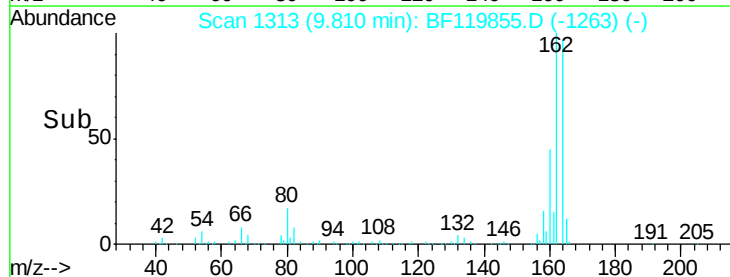
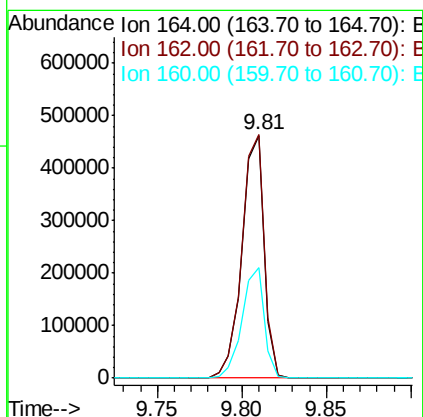
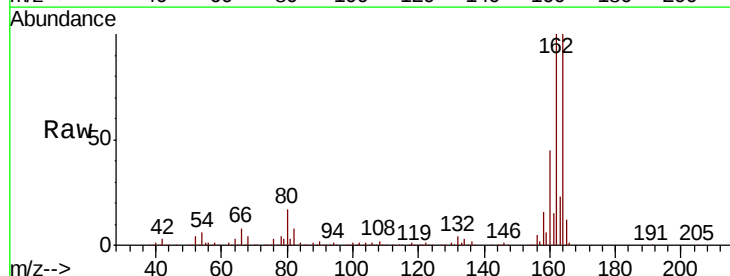
Instrument :
BNA_F
ClientSampleId :
MH-719

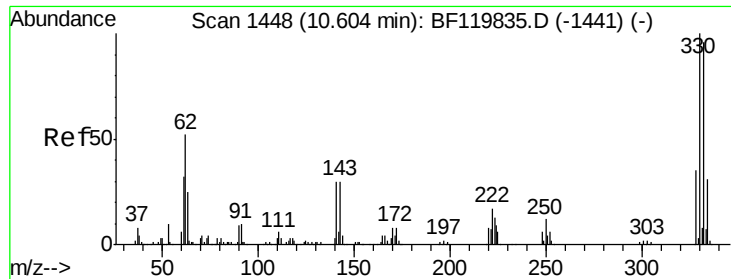
Tot Ion: 82 Resp: 1507676
Ion Ratio Lower Upper
82 100
128 45.3 36.2 54.4
54 64.6 50.4 75.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119855.D
Acq: 9 Apr 2020 5:50

Tgt Ion:164 Resp: 424516
Ion Ratio Lower Upper
164 100
162 100.2 81.9 122.9
160 45.4 36.6 54.8

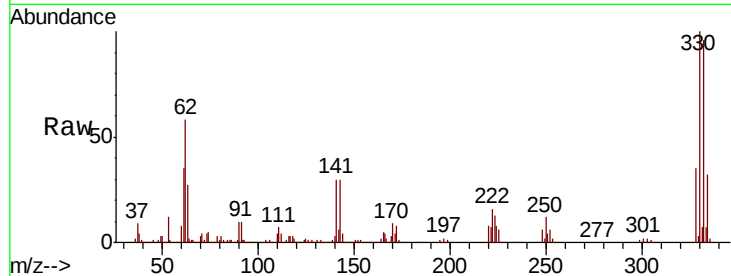




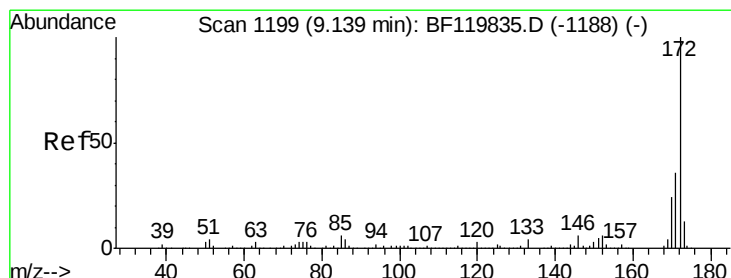
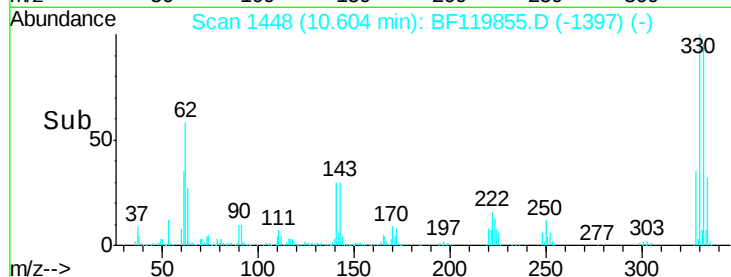
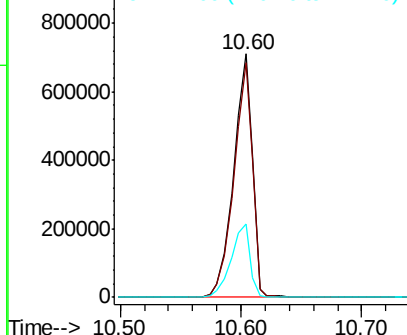
#42
 2,4,6-Tribromophenol
 Concen: 148.775 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119855.D
 Acq: 9 Apr 2020 5:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-719

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	30.7	25.1	37.7

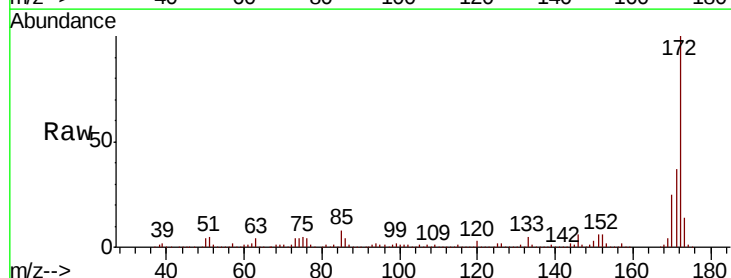


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

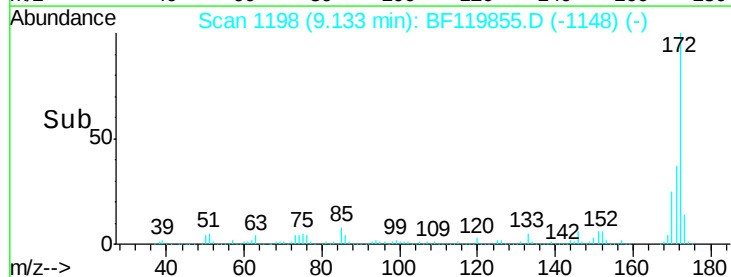
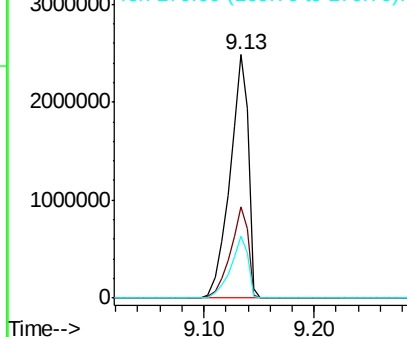


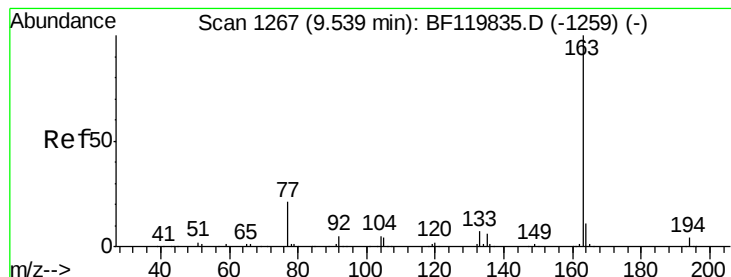
#45
 2-Fluorobiphenyl
 Concen: 96.445 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119855.D
 Acq: 9 Apr 2020 5:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	25.2	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: 14.151 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF119855.D

Acq: 9 Apr 2020 5:50

Instrument :

BNA_F

ClientSampleId :

MH-719

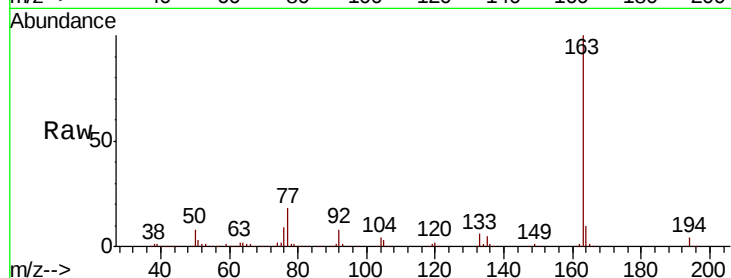
Tot Ion:163 Resp: 464662

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

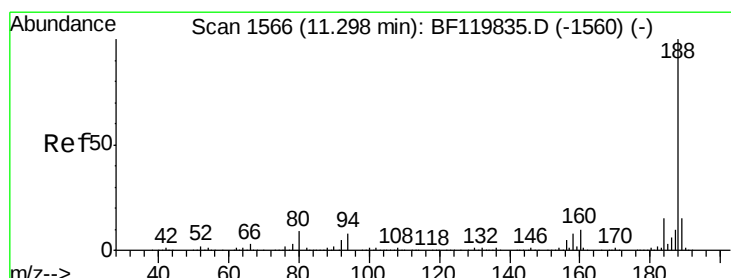
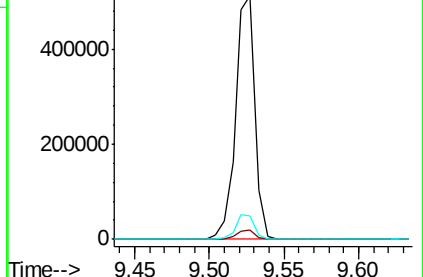
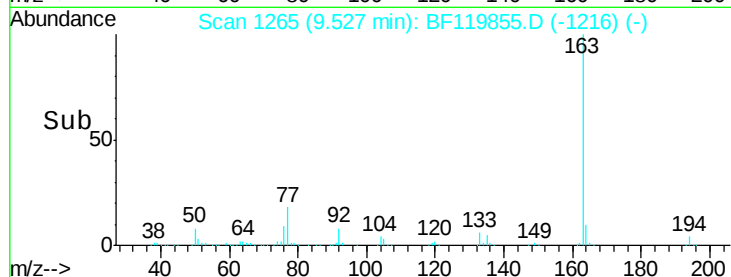
164 9.6 8.4 12.6



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: BF119855.D

Acq: 9 Apr 2020 5:50

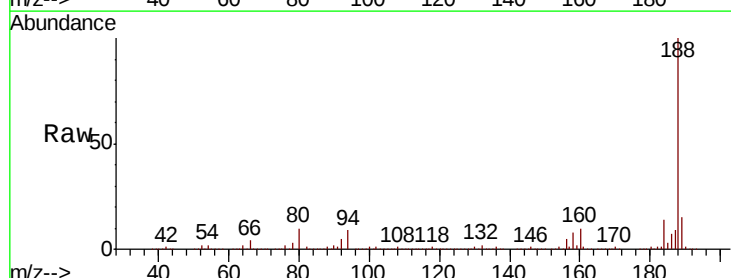
Tgt Ion:188 Resp: 838645

Ion Ratio Lower Upper

188 100

94 9.5 6.7 10.1

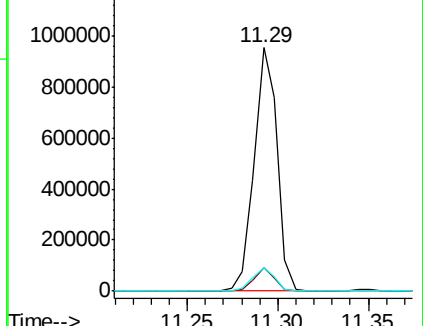
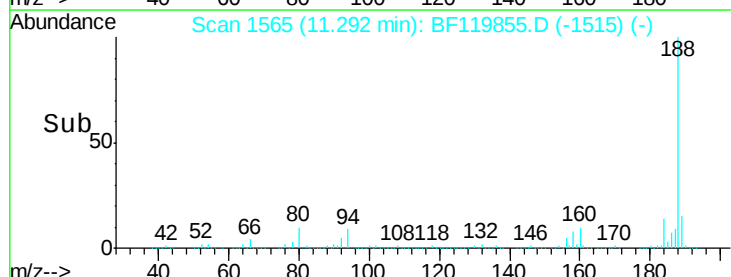
80 9.8 7.4 11.2

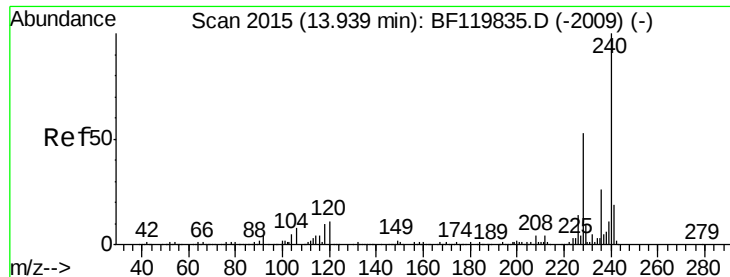


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

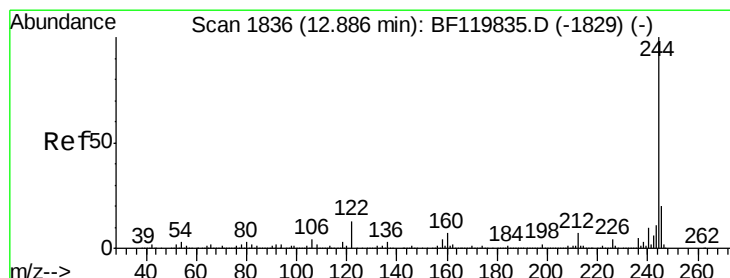
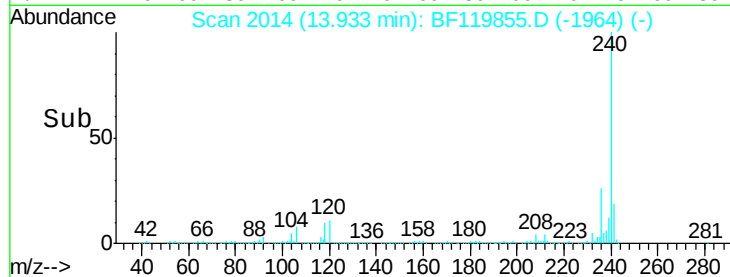
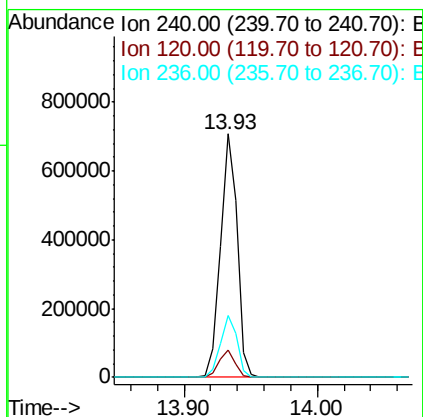
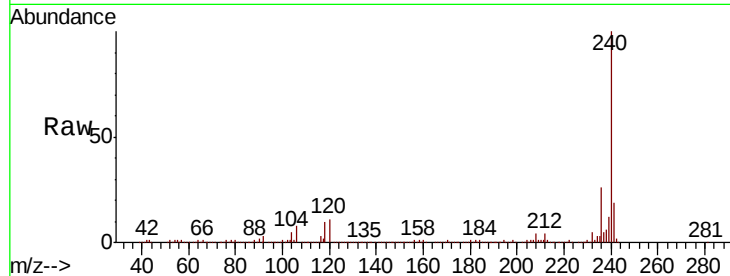




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119855.D
 Acq: 9 Apr 2020 5:50

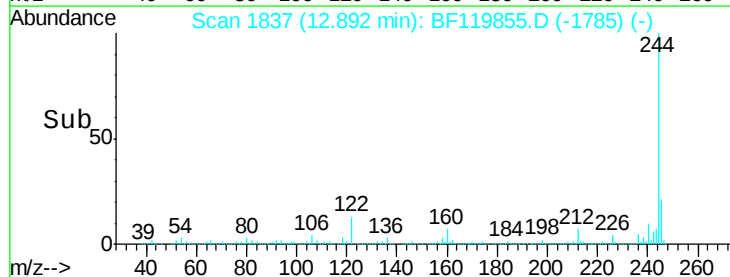
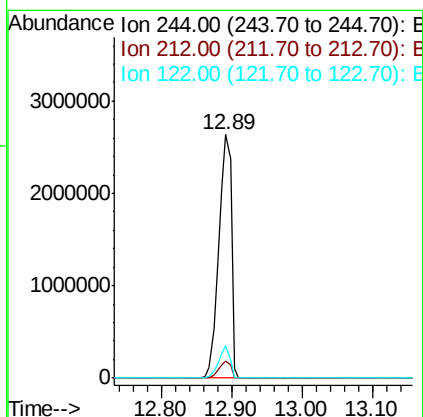
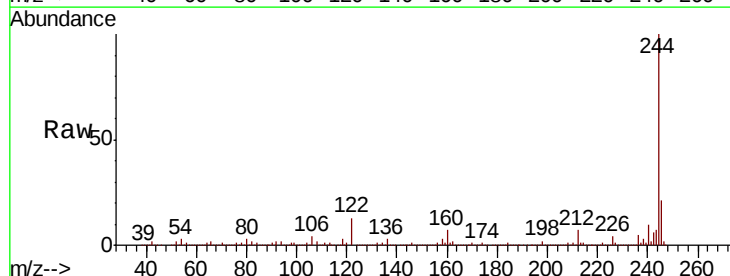
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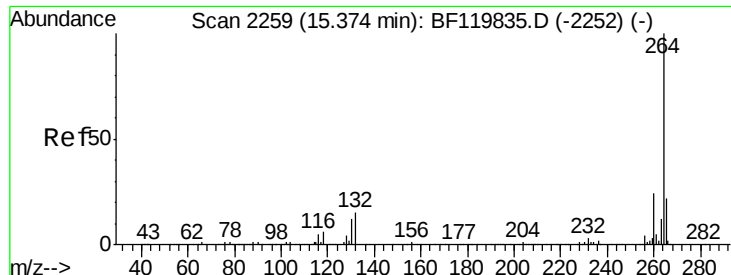
Tot Ion:240 Resp: 630158
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.0 13.6
 236 25.5 20.7 31.1



#79
 Terphenyl-d14
 Concen: 86.283 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BF119855.D
 Acq: 9 Apr 2020 5:50

Tgt Ion:244 Resp: 3231331
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.4 10.3 15.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BF119855.D
 Acq: 9 Apr 2020 5:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-719

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	21.1	17.6	26.4

