

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119120.D
 Acq On : 27 Feb 2020 20:09
 Operator : CG/JU
 Sample : L1700-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Quant Time: Feb 28 04:52:40 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

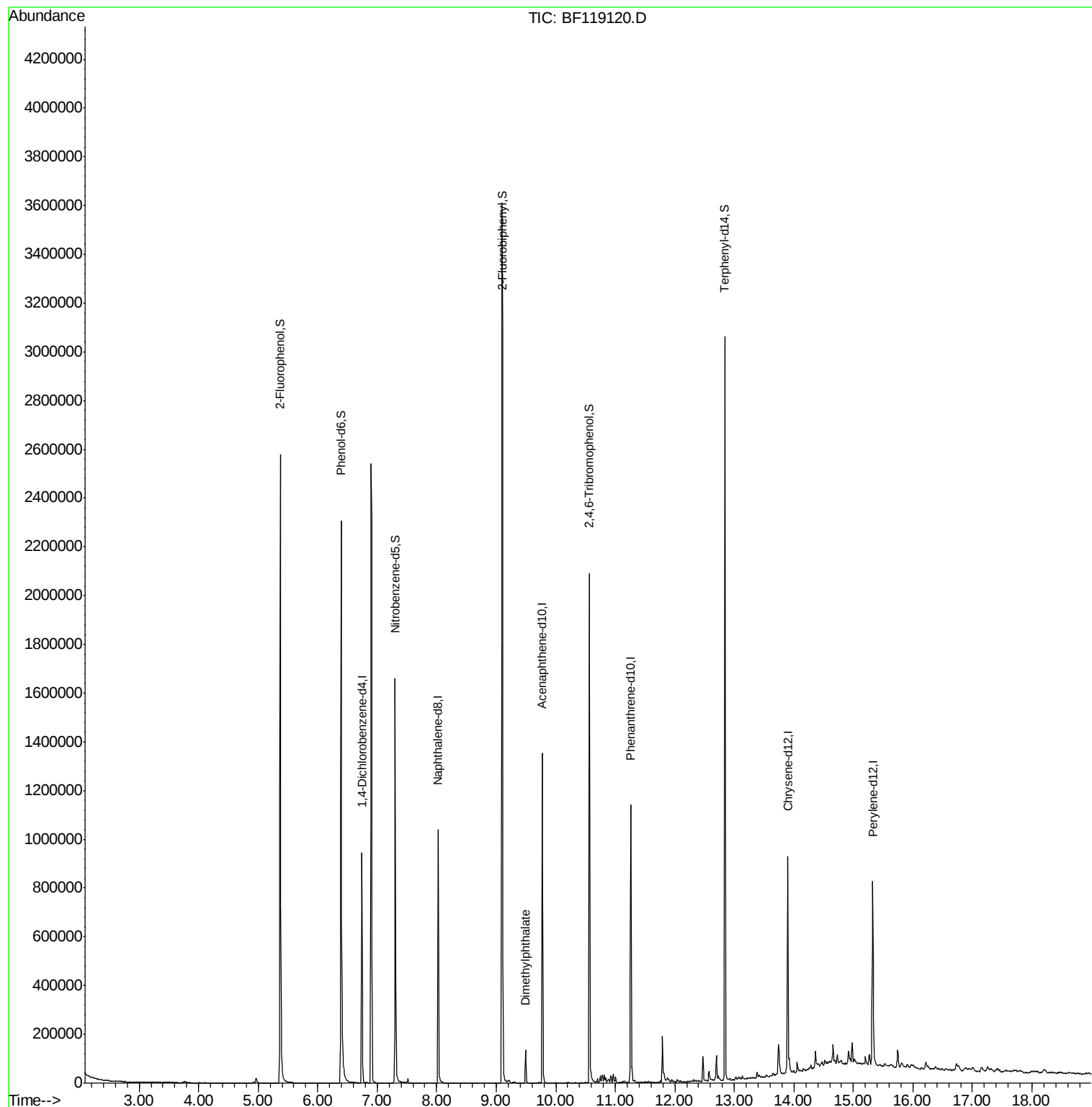
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	145241	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	537940	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	271561	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	456842	20.00	ng	0.00
76) Chrysene-d12	13.90	240	293886	20.00	ng	0.00
87) Perylene-d12	15.32	264	354857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	814147	93.68	ng	0.00
7) Phenol-d6	6.39	99	991704	93.82	ng	-0.01
23) Nitrobenzene-d5	7.30	82	642407	63.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	293054	82.49	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1210422	65.66	ng	-0.01
79) Terphenyl-d14	12.85	244	1156100	67.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	57018	2.746	ng	Qvalue 99

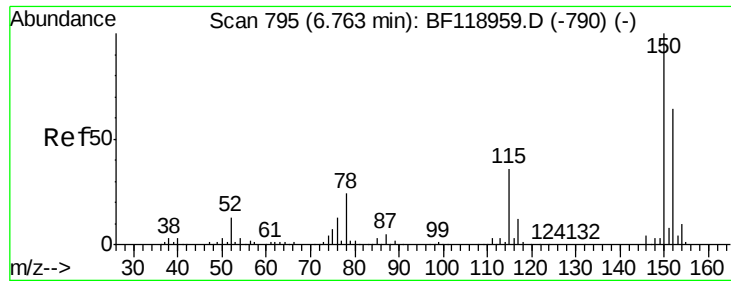
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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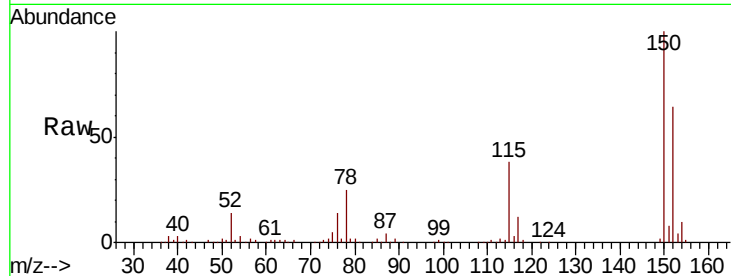


#1

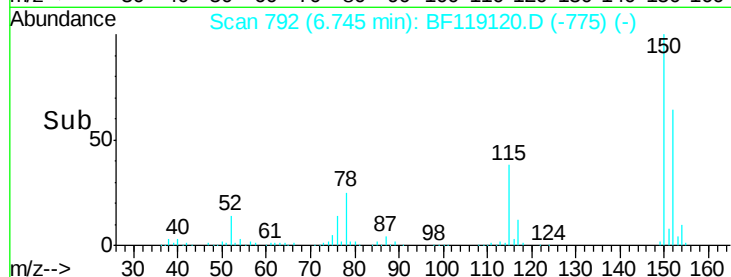
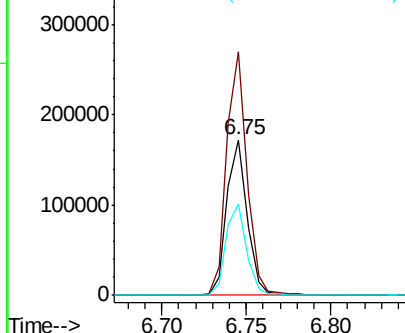
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119120.D
Acq: 27 Feb 2020 20:09

Instrument :
BNA_F
ClientSampleId :
72-11978

Tot Ion:152 Resp: 145241
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 58.9 49.5 74.3



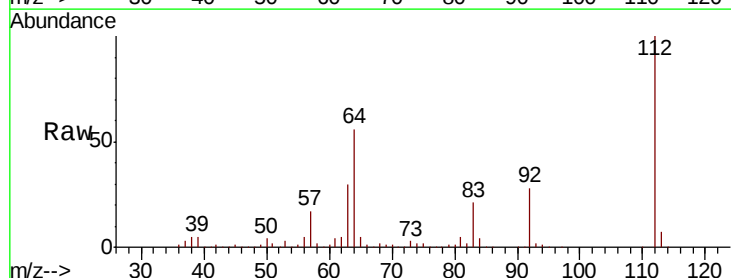
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



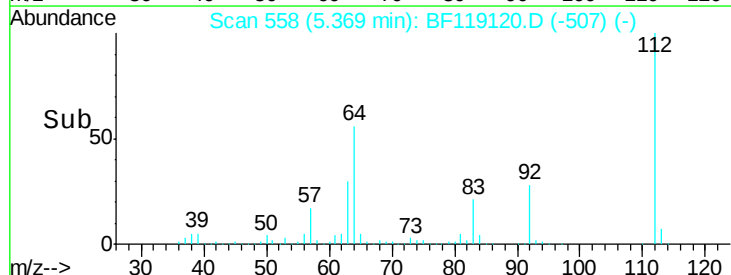
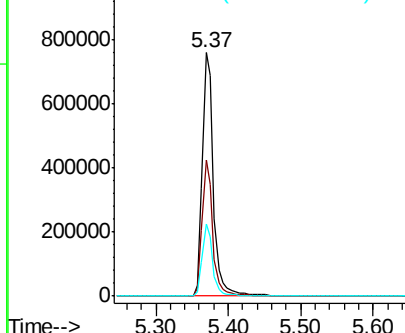
#5

2-Fluorophenol
Concen: 93.678 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119120.D
Acq: 27 Feb 2020 20:09

Tgt Ion:112 Resp: 814147
Ion Ratio Lower Upper
112 100
64 55.7 45.0 67.4
63 29.8 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: 93.824 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119120.D

Acq: 27 Feb 2020 20:09

Instrument :

BNA_F

ClientSampled :

72-11978

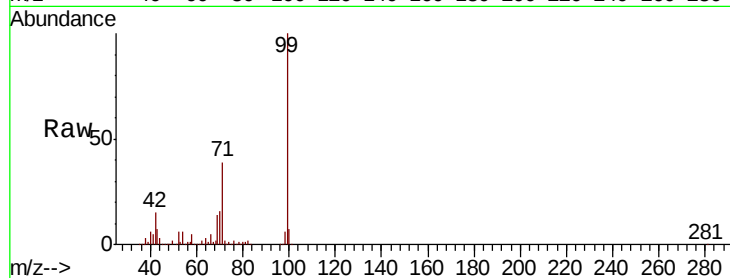
Tot Ion: 99 Resp: 991704

Ion Ratio Lower Upper

99 100

42 14.8 12.6 18.8

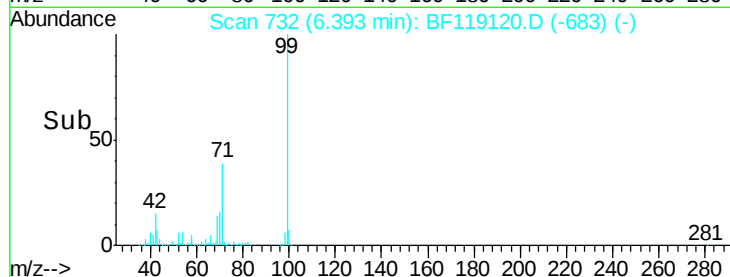
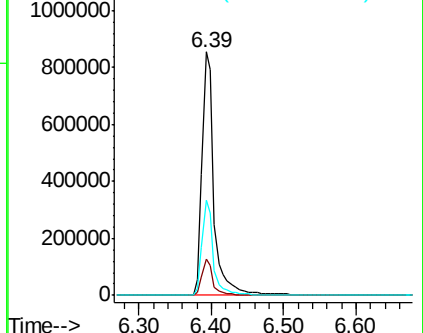
71 39.0 31.0 46.4



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: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119120.D

Acq: 27 Feb 2020 20:09

Tgt Ion: 136 Resp: 537940

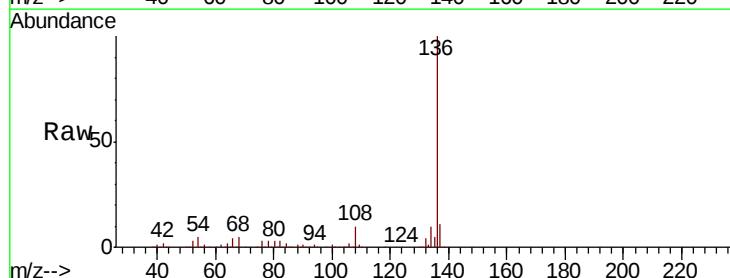
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.5 3.8 5.6

68 4.9 3.9 5.9

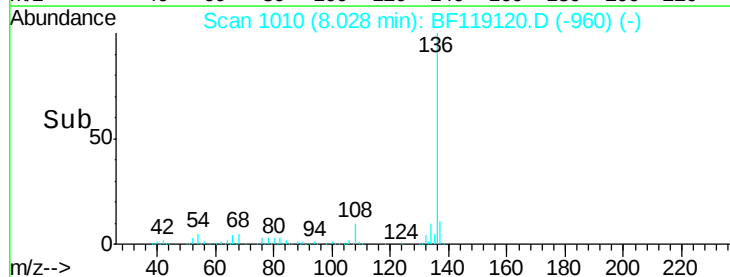
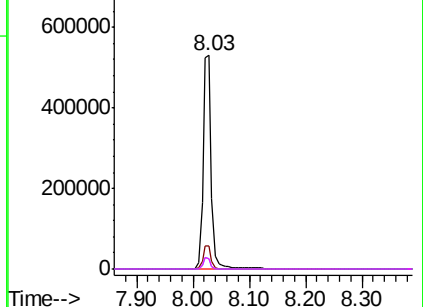


Abundance Ion 136.00 (135.70 to 136.70): E

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

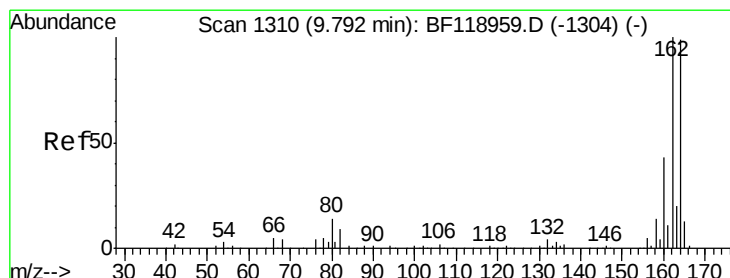
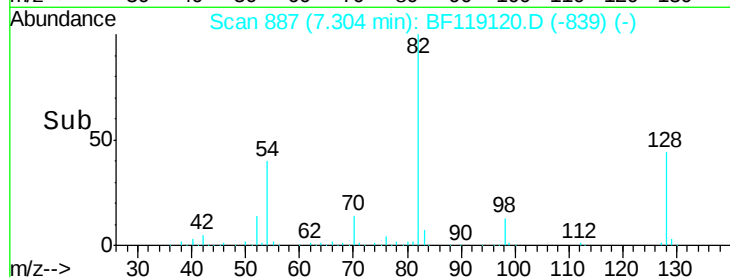
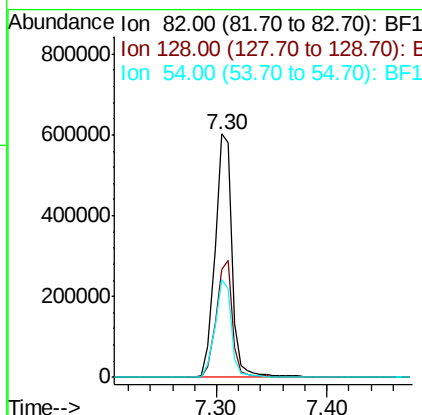
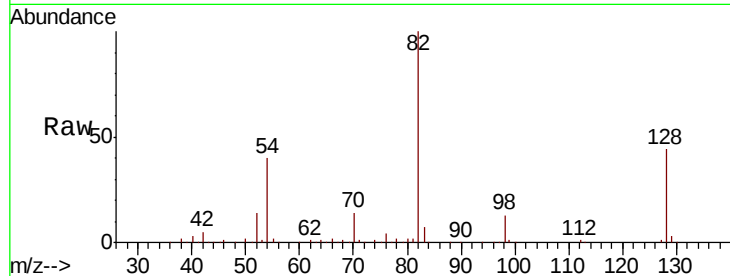




#23
Nitrobenzene-d5
Concen: 63.054 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119120.D
Acq: 27 Feb 2020 20:09

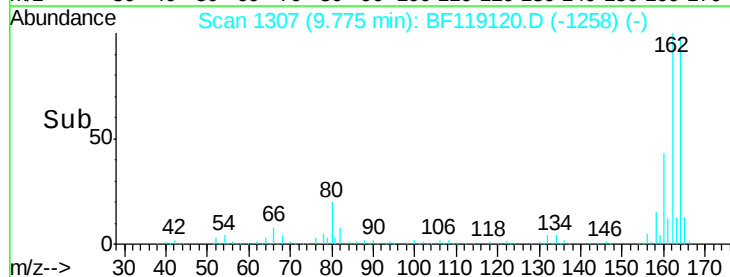
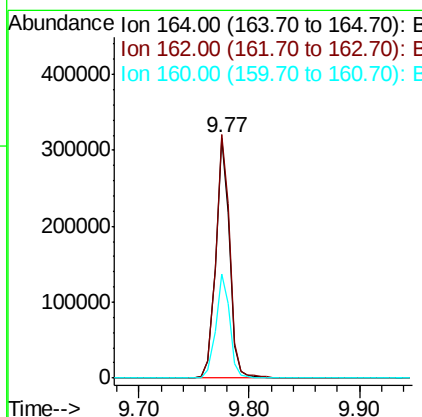
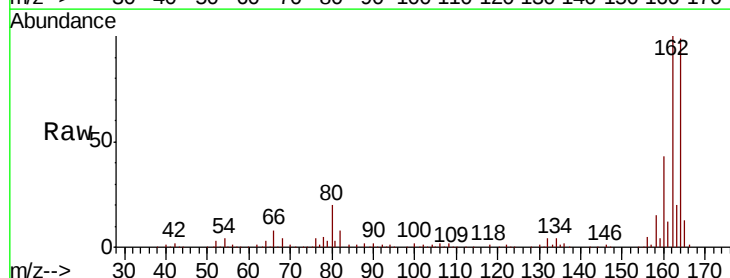
Instrument :
BNA_F
ClientSampleId :
72-11978

Tot Ion	82	Resp	642407
Ion Ratio	Lower	Upper	
82	100		
128	44.5	37.9	56.9
54	40.1	33.4	50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119120.D
Acq: 27 Feb 2020 20:09

Tgt Ion	164	Resp	271561
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.8	122.8
160	43.4	36.0	54.0

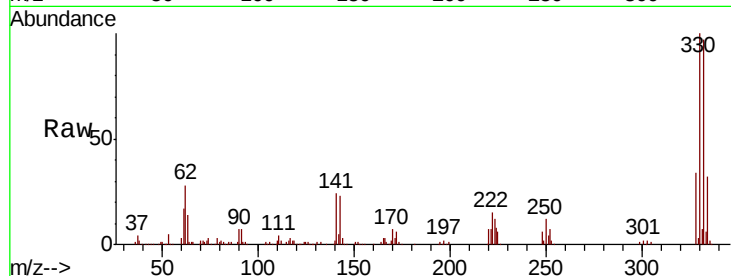




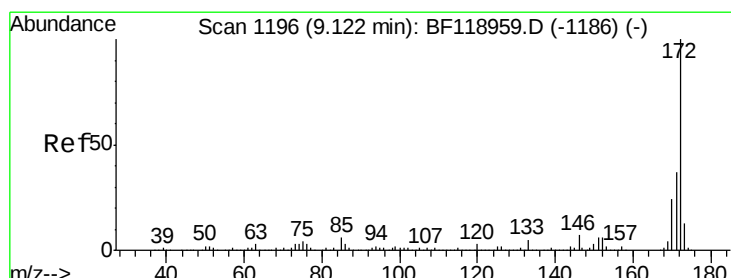
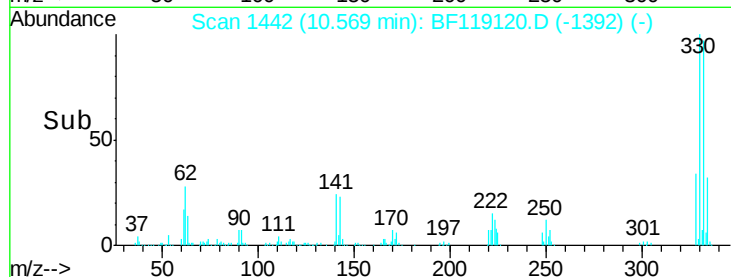
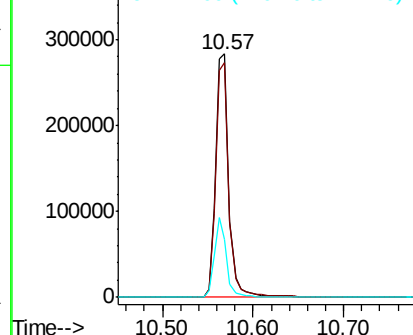
#42
 2,4,6-Tribromophenol
 Concen: 82.493 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119120.D
 Acq: 27 Feb 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	30.5	22.9	34.3

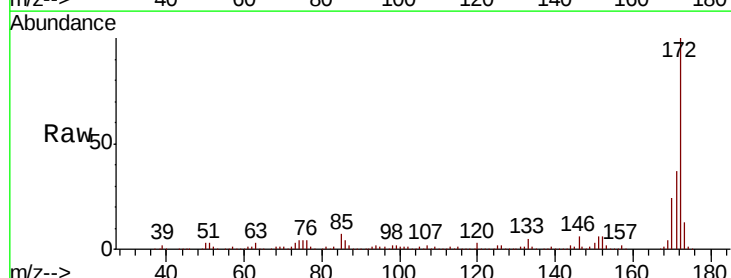


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

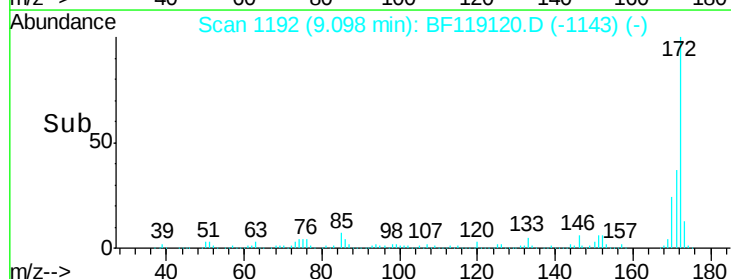
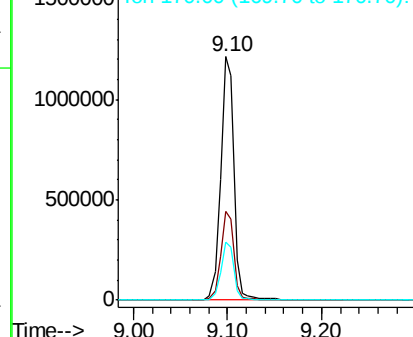


#45
 2-Fluorobiphenyl
 Concen: 65.663 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119120.D
 Acq: 27 Feb 2020 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	23.9	20.2	30.2



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: 2.746 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119120.D

Acq: 27 Feb 2020 20:09

Instrument :

BNA_F

ClientSampleId :

72-11978

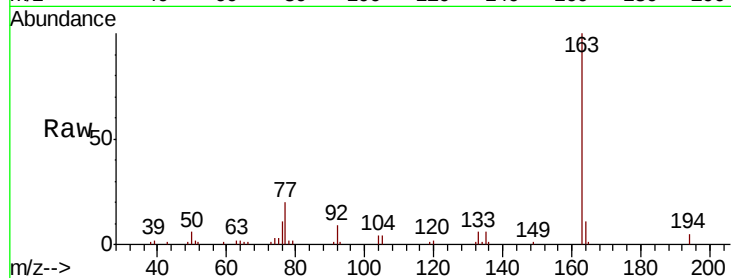
Tot Ion:163 Resp: 57018

Ion Ratio Lower Upper

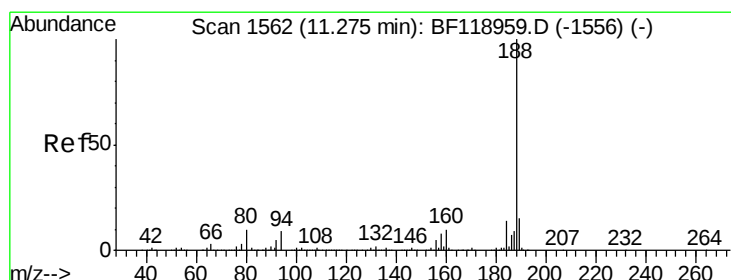
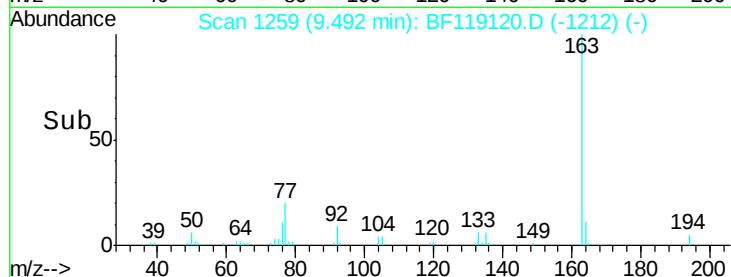
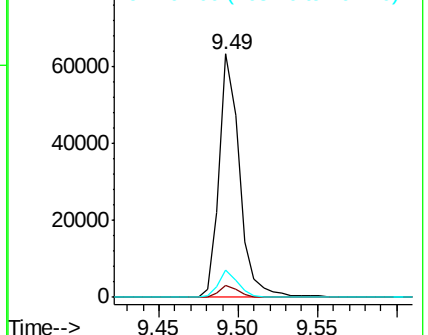
163 100

194 4.7 3.5 5.3

164 11.0 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: BF119120.D

Acq: 27 Feb 2020 20:09

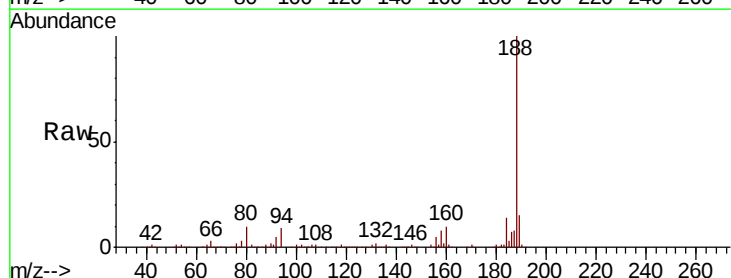
Tgt Ion:188 Resp: 456842

Ion Ratio Lower Upper

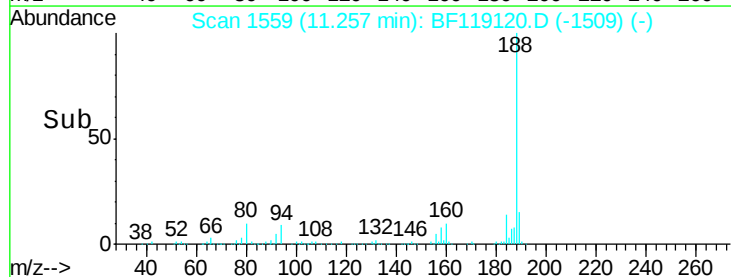
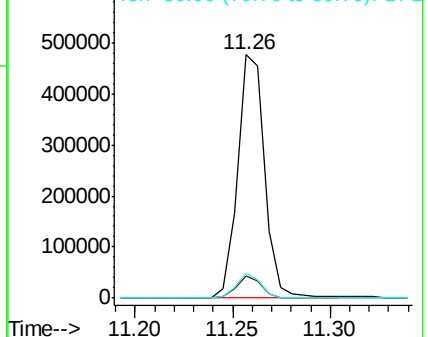
188 100

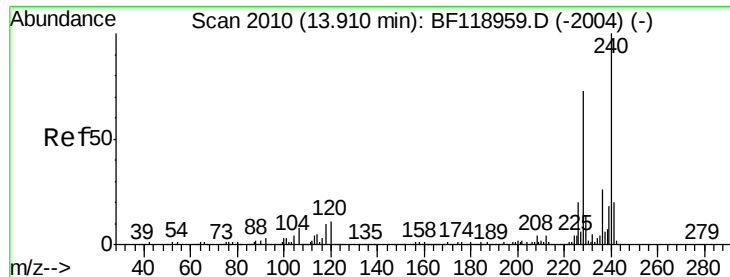
94 9.1 7.1 10.7

80 10.1 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

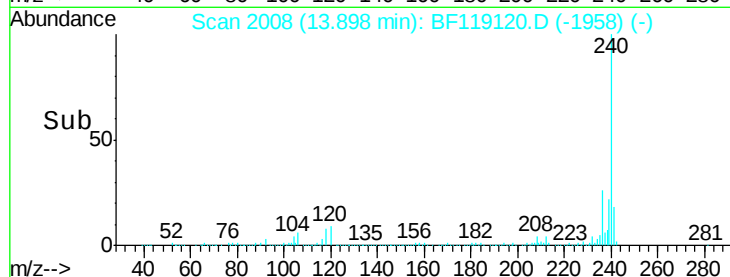
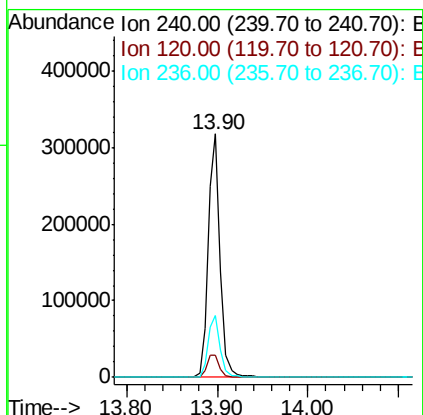
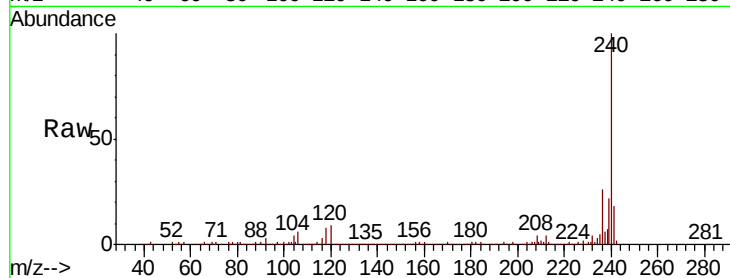




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119120.D
 Acq: 27 Feb 2020 20:09

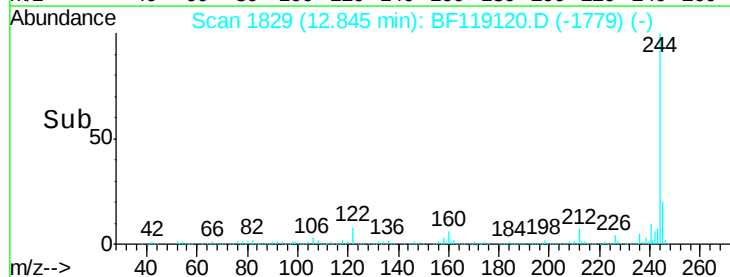
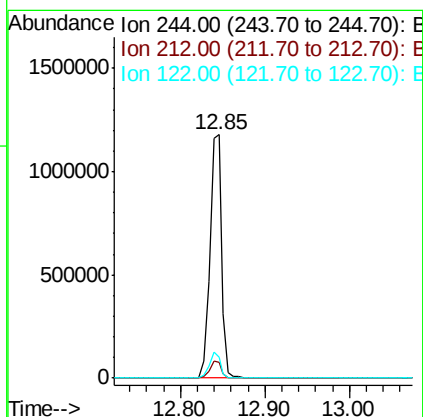
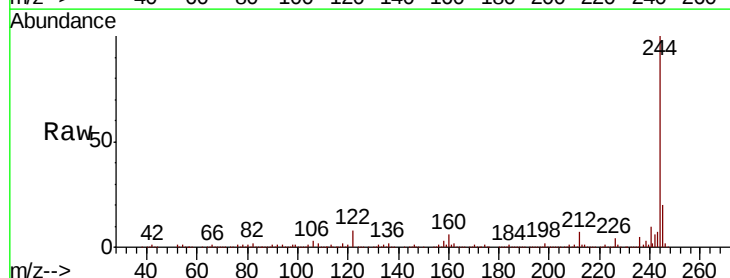
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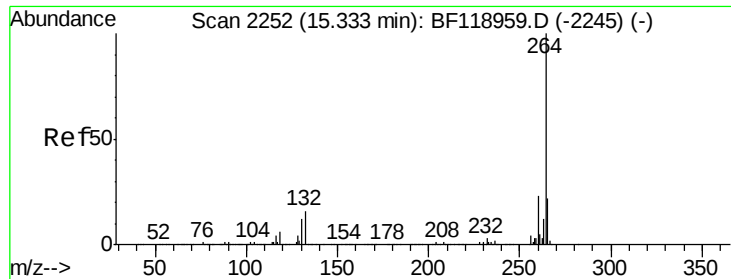
Tot Ion:240 Resp: 293886
 Ion Ratio Lower Upper
 240 100
 120 9.0 8.4 12.6
 236 25.7 21.0 31.4



#79
 Terphenyl-d14
 Concen: 67.728 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119120.D
 Acq: 27 Feb 2020 20:09

Tgt Ion:244 Resp: 1156100
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.6 10.0
 122 8.4 8.2 12.2

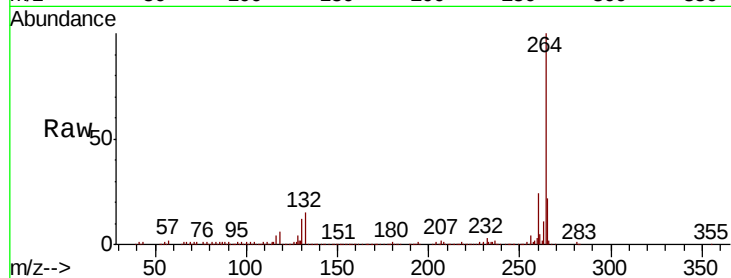




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF119120.D
 Acq: 27 Feb 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	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

