

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119091.D
 Acq On : 26 Feb 2020 13:26
 Operator : CG/JU
 Sample : L1678-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 16:11:15 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

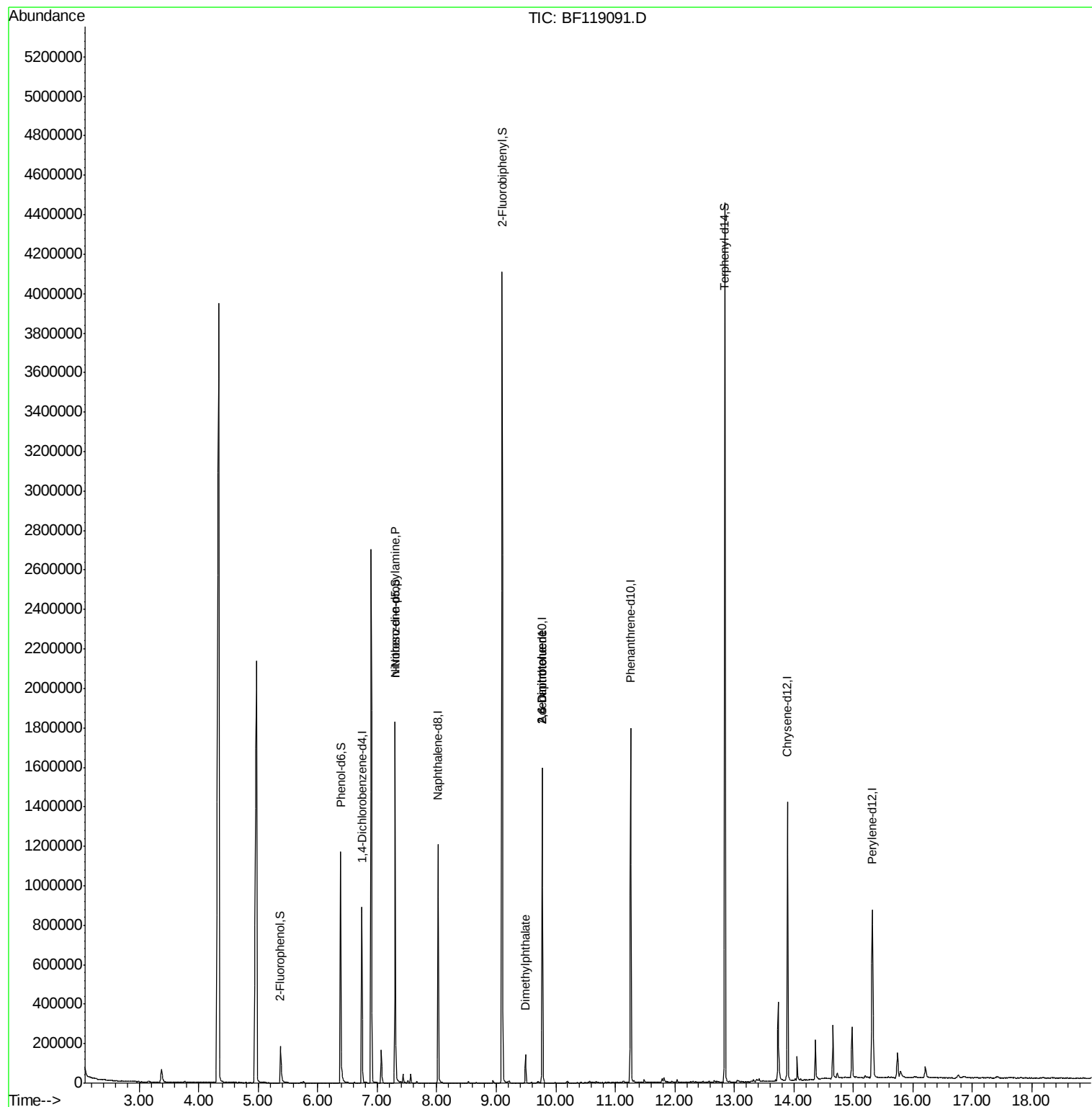
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	152229	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	592472	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	336939	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	641195	20.00	ng	0.00
76) Chrysene-d12	13.89	240	513368	20.00	ng	-0.01
87) Perylene-d12	15.32	264	395211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	74831	8.21	ng	0.00
7) Phenol-d6	6.39	99	473868	42.77	ng	-0.02
23) Nitrobenzene-d5	7.30	82	644281	57.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	1787	0.41	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1342022	58.68	ng	-0.01
79) Terphenyl-d14	12.84	244	1778136	59.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	86981	13.474	ng	Qvalue # 74
50) Dimethylphthalate	9.49	163	60518	2.349	ng	100
51) 2,6-Dinitrotoluene	9.77	165	43183	7.544	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	43183	5.820	ng	# 20

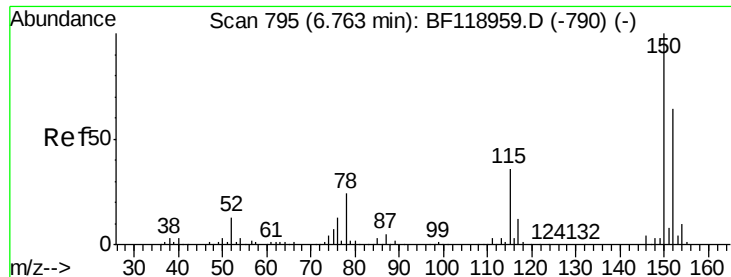
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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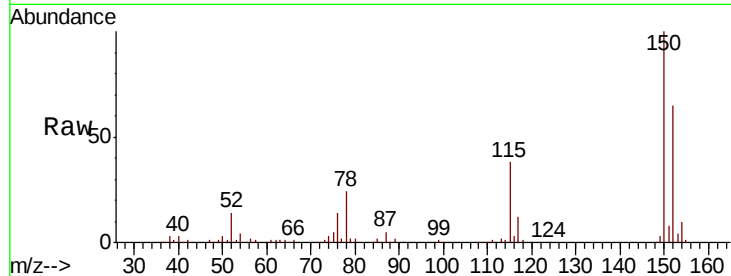


#1

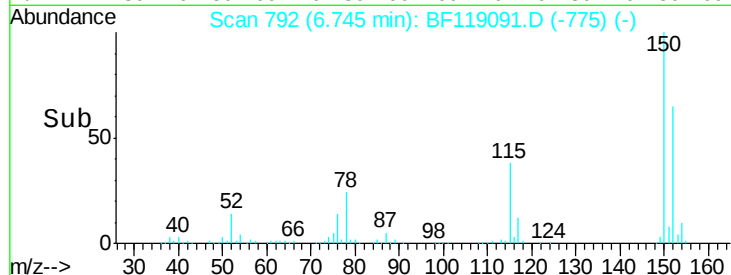
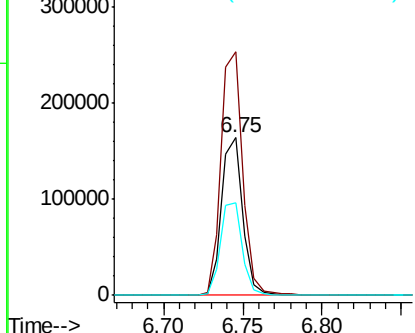
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119091.D
Acq: 26 Feb 2020 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.6
115	58.7	49.5	74.3



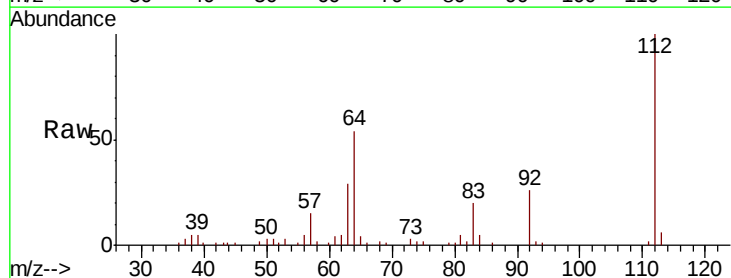
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



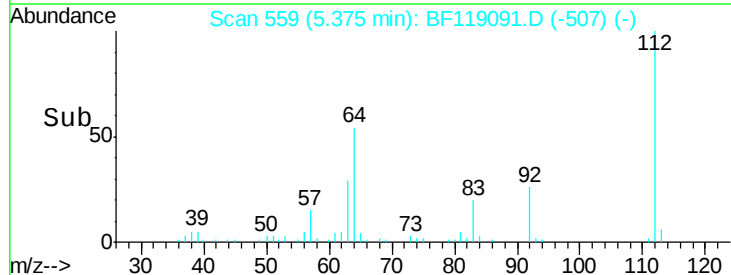
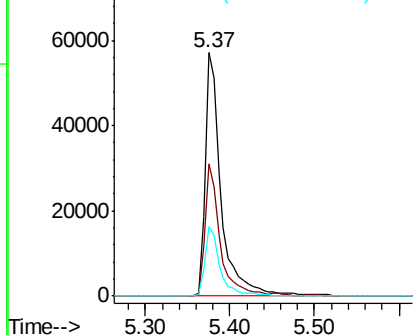
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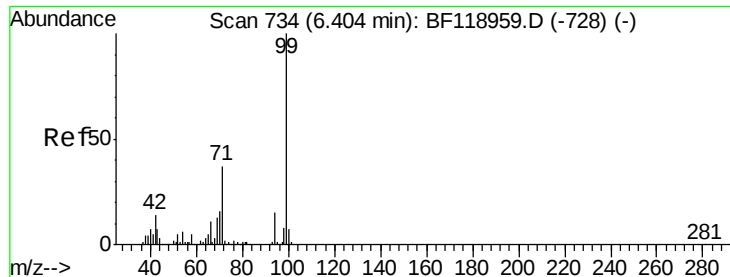
2-Fluorophenol
Concen: 8.215 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119091.D
Acq: 26 Feb 2020 13:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.0	67.4
63	28.7	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: 42.774 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119091.D

Acq: 26 Feb 2020 13:26

Instrument :

BNA_F

ClientSampleId :

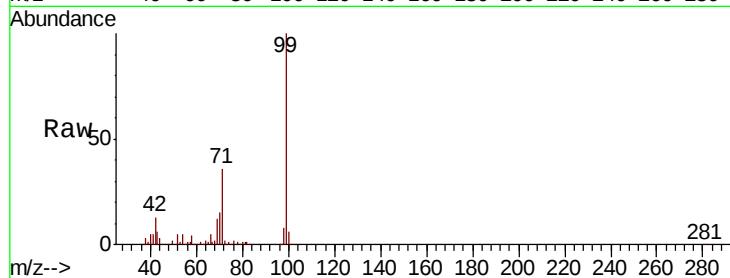
Tot Ion: 99 Resp: 473868

Ion Ratio Lower Upper

99 100

42 13.3 12.6 18.8

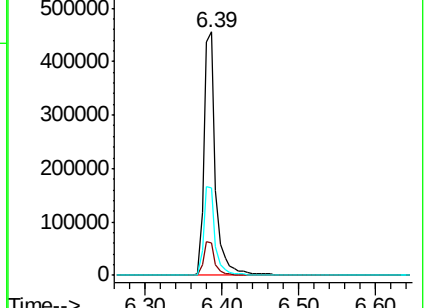
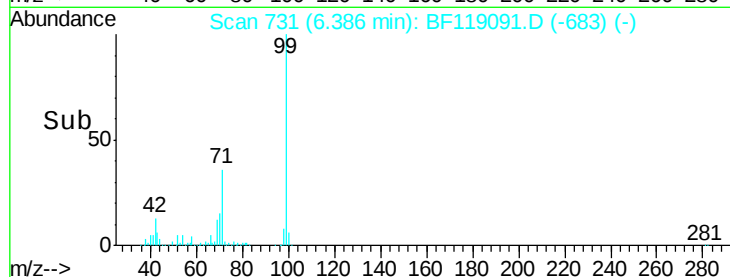
71 35.7 31.0 46.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.474 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119091.D

Acq: 26 Feb 2020 13:26

Tgt Ion: 70 Resp: 86981

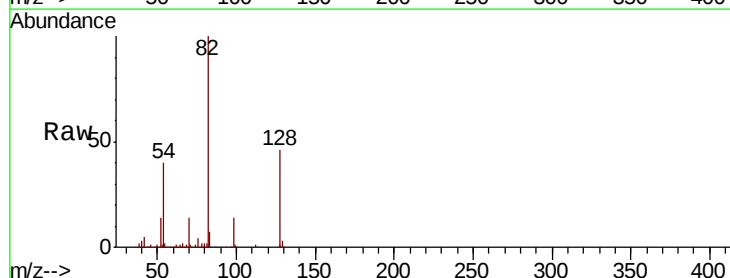
Ion Ratio Lower Upper

70 100

42 36.1 38.0 57.0#

101 0.0 8.2 12.4#

130 2.2 18.2 27.4#

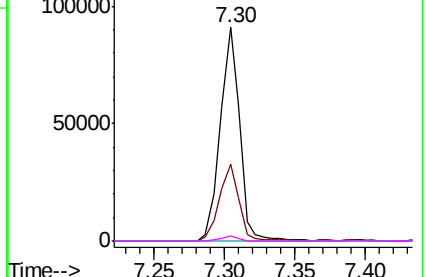
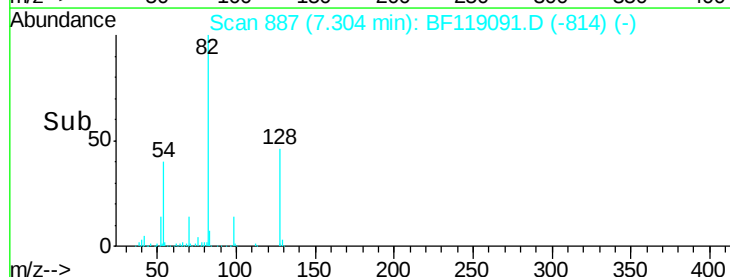


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

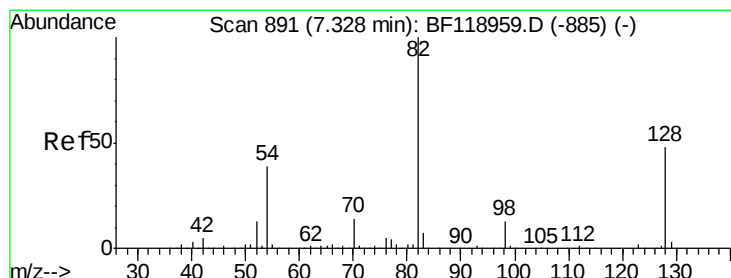
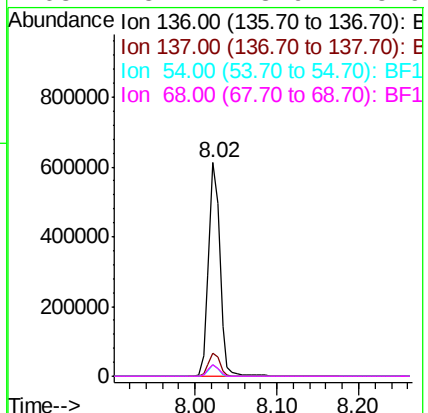
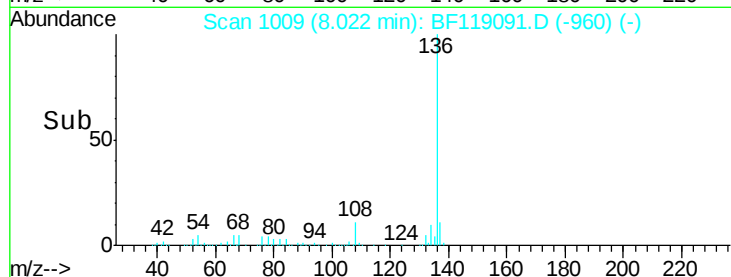
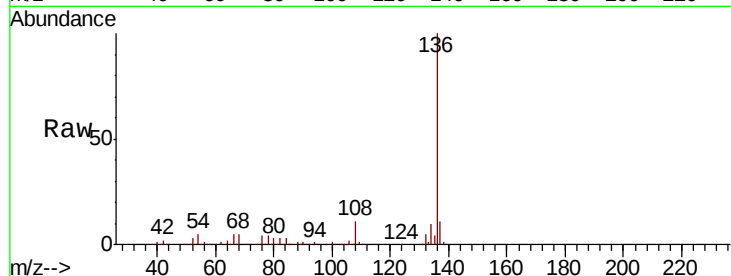




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119091.D
Acq: 26 Feb 2020 13:26

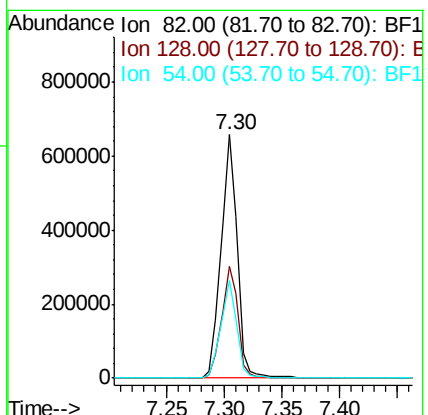
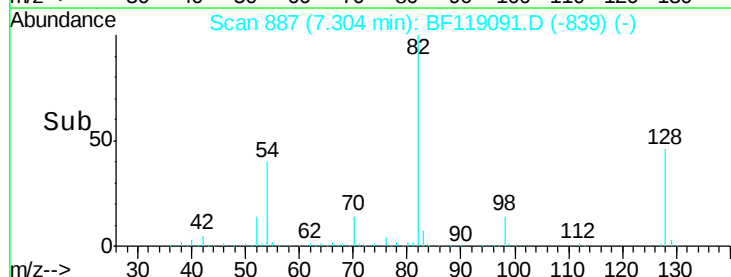
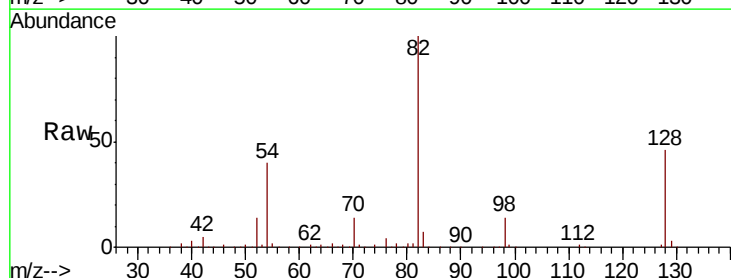
Instrument :
BNA_F
ClientSampleId :

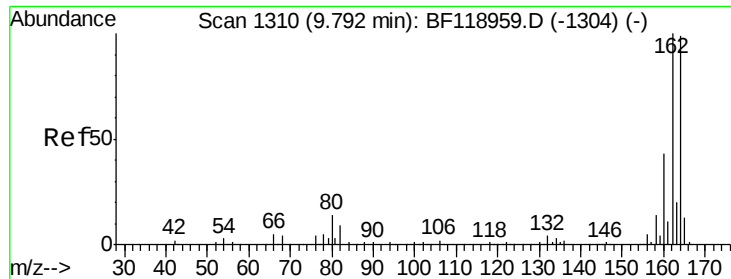
Tot Ion:136	Resp:	592472
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	5.1	3.8 5.6
68	5.4	3.9 5.9



#23
Nitrobenzene-d5
Concen: 57.417 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119091.D
Acq: 26 Feb 2020 13:26

Tgt Ion: 82	Resp:	644281
Ion Ratio	Lower	Upper
82	100	
128	45.8	37.9 56.9
54	40.3	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: BF119091.D

Acq: 26 Feb 2020 13:26

Instrument :

BNA_F

ClientSampleId :

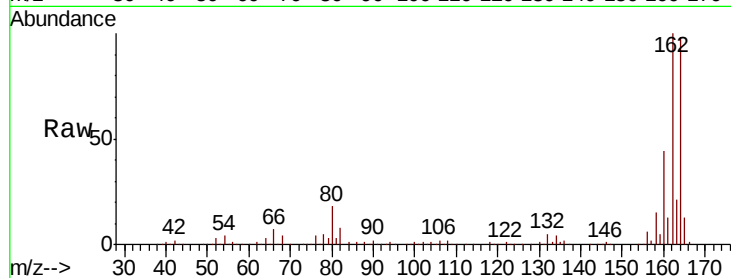
Tot Ion:164 Resp: 336939

Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.8

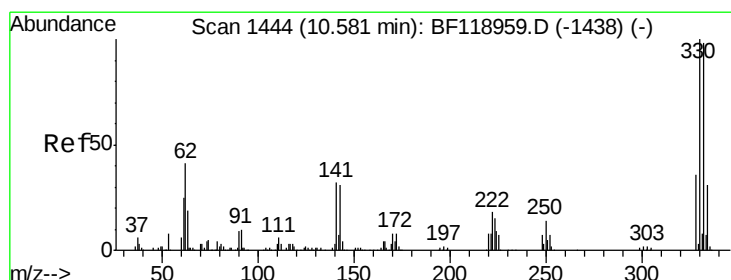
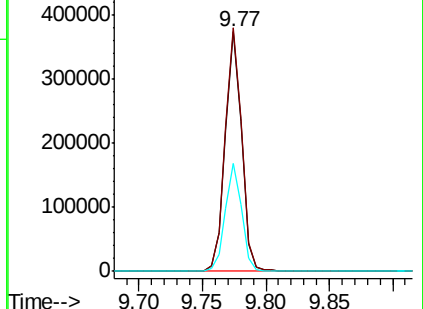
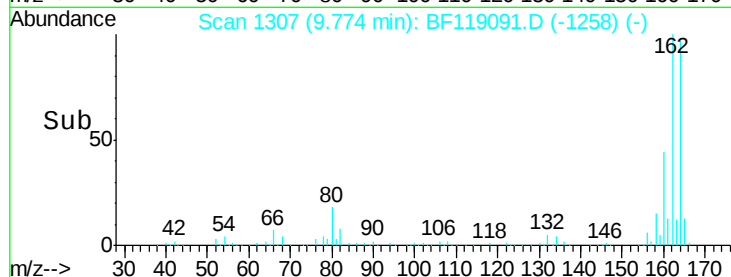
160 45.1 36.0 54.0



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: 0.405 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119091.D

Acq: 26 Feb 2020 13:26

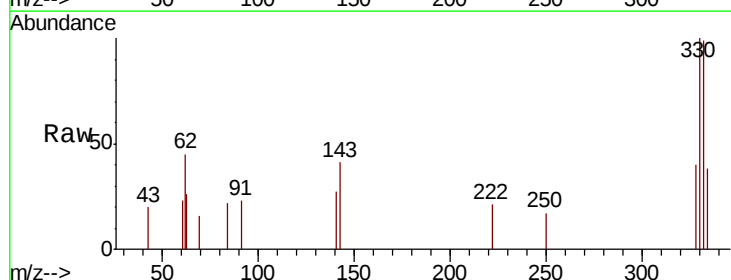
Tgt Ion:330 Resp: 1787

Ion Ratio Lower Upper

330 100

332 107.0 76.0 114.0

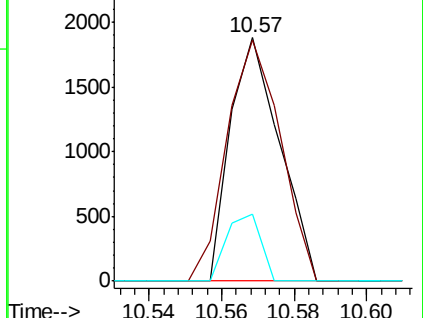
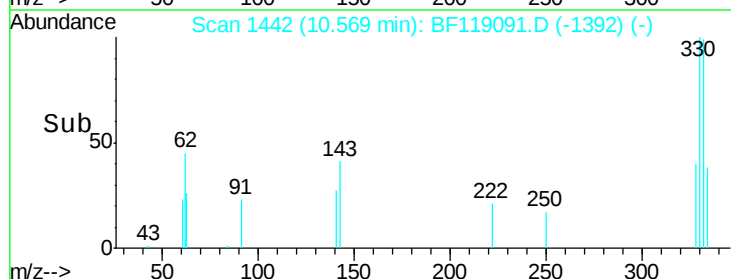
141 18.9 22.9 34.3#

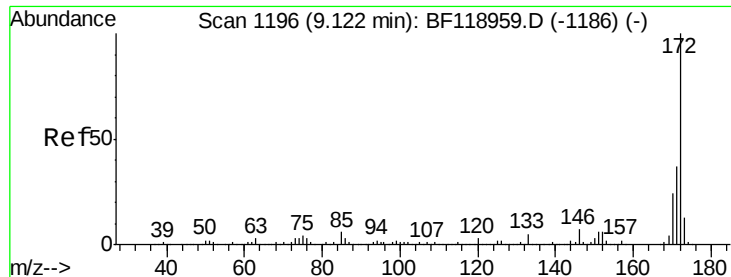


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



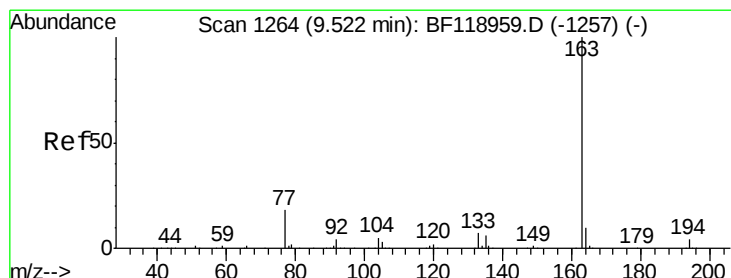
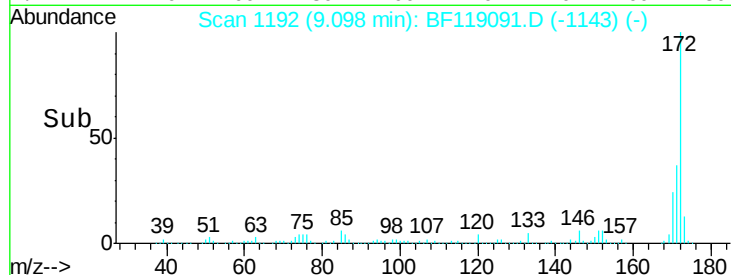
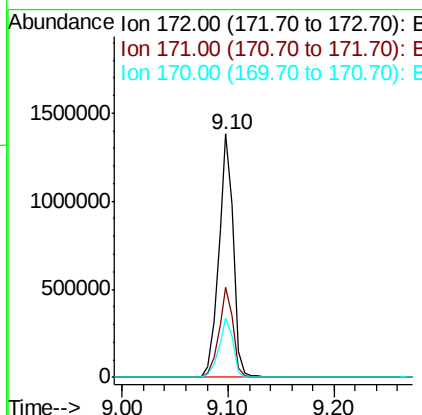
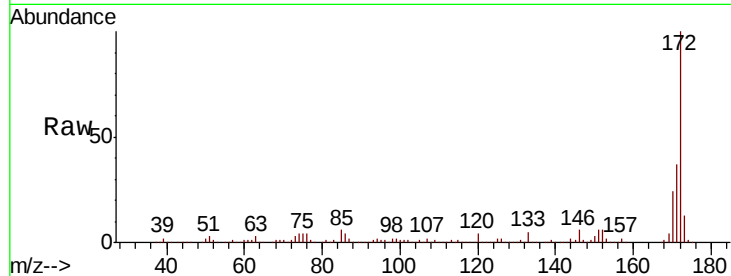


#45
 2-Fluorobiphenyl
 Concen: 58.676 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119091.D
 Acq: 26 Feb 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1342022

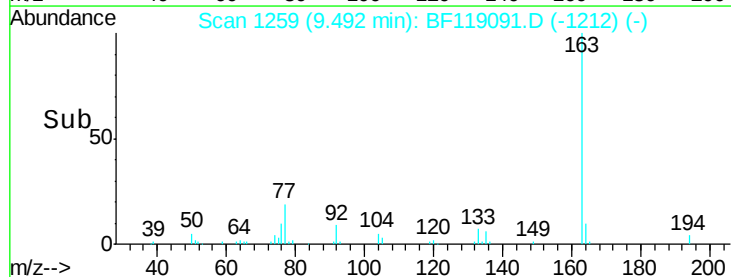
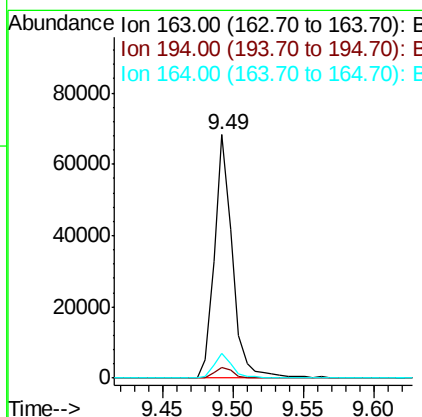
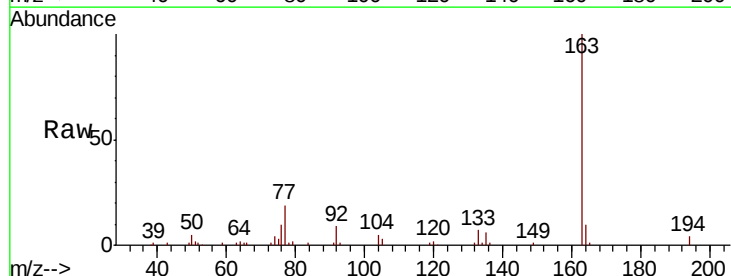
Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	24.2	20.2	30.2

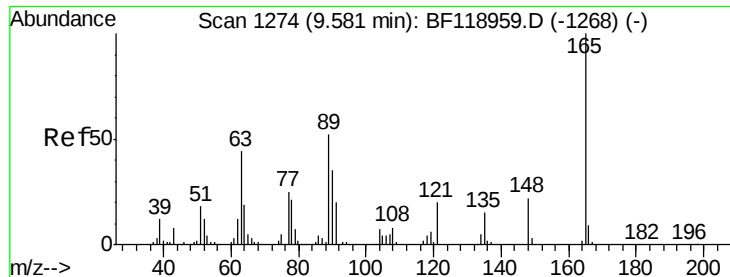


#50
 Dimethylphthalate
 Concen: 2.349 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF119091.D
 Acq: 26 Feb 2020 13:26

Tgt Ion:163 Resp: 60518

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.4	8.4	12.6

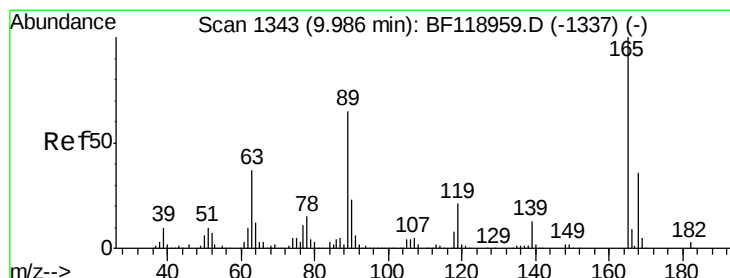
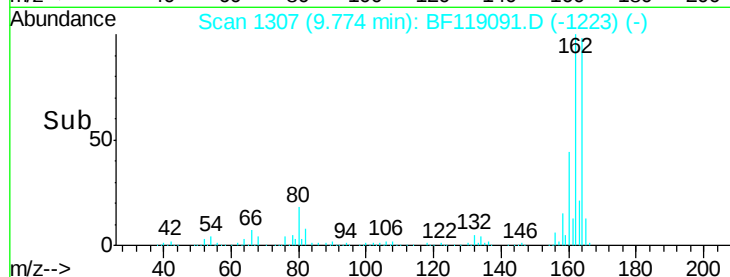
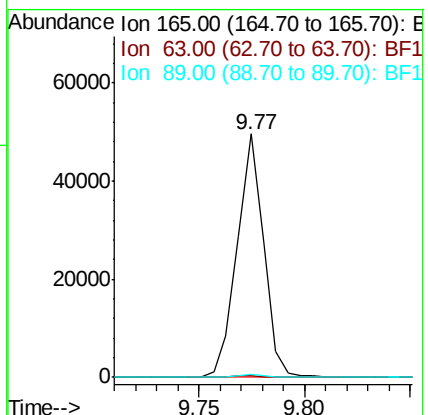
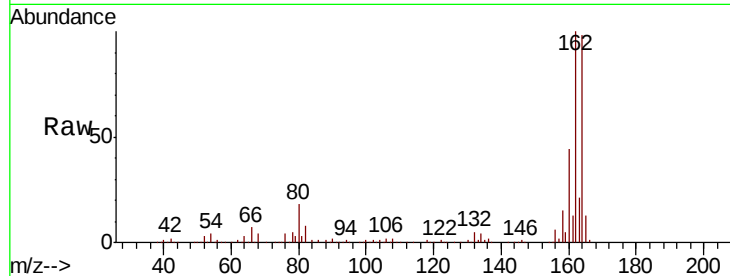




#51
 2,6-Dinitrotoluene
 Concen: 7.544 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.19 min
 Lab File: BF119091.D
 Acq: 26 Feb 2020 13:26

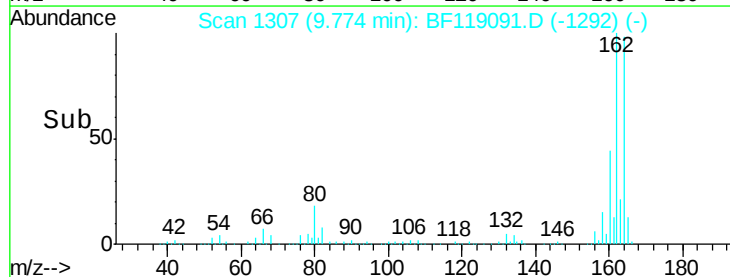
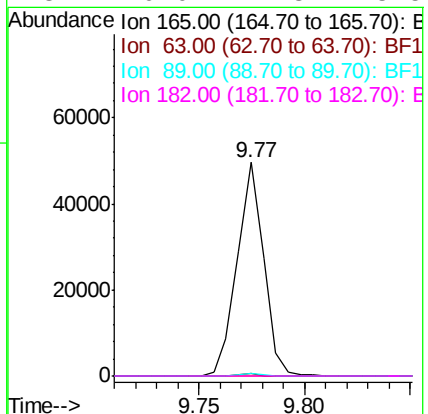
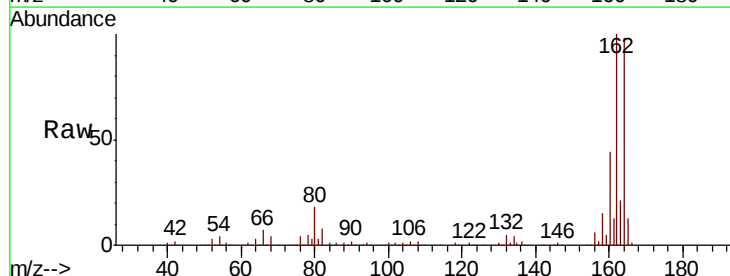
Instrument :
 BNA_F
 ClientSampleId :

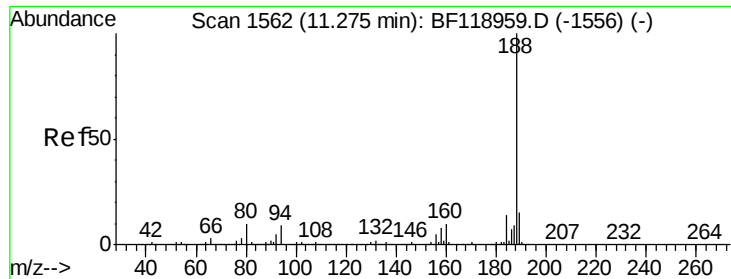
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	1.3	38.3	57.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.820 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119091.D
 Acq: 26 Feb 2020 13:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.3	63.5#
89	1.3	60.2	90.4#
182	0.0	2.3	3.5#

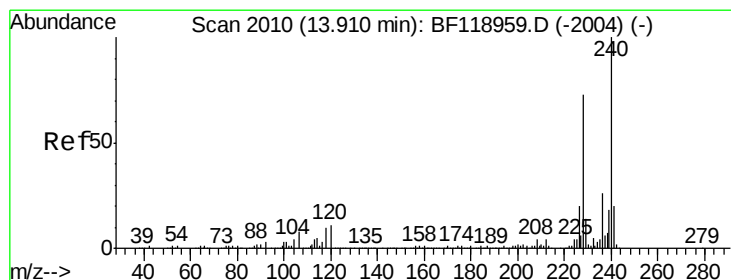
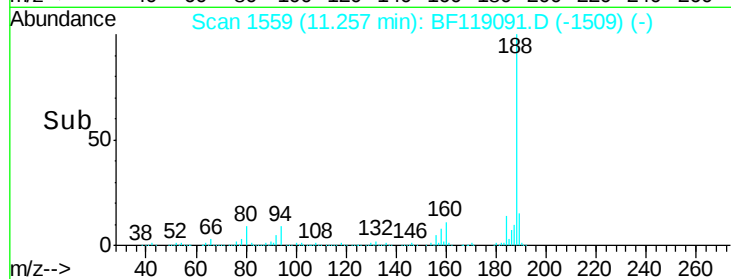
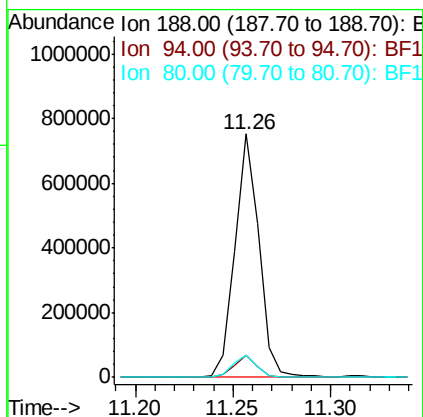
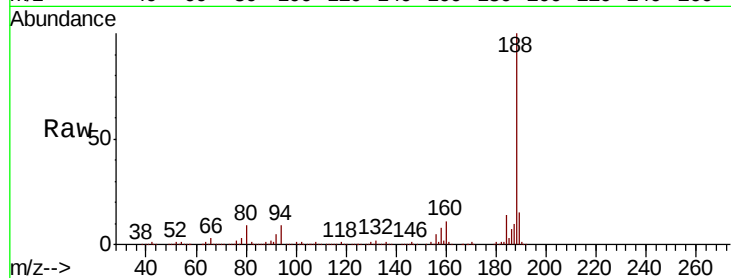




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119091.D
Acq: 26 Feb 2020 13:26

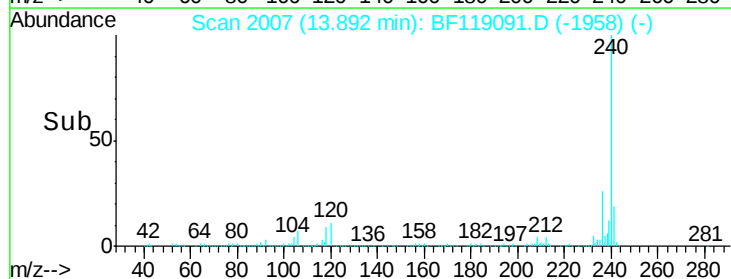
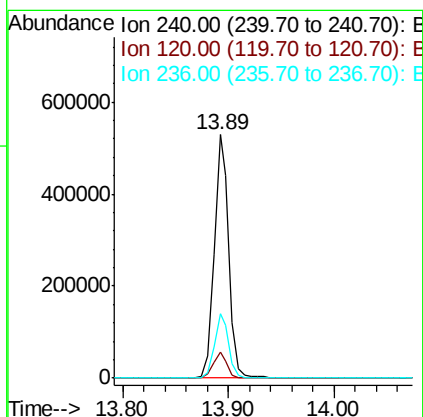
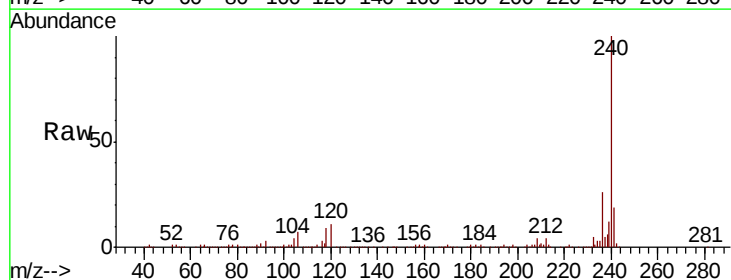
Instrument :
BNA_F
ClientSampleId :

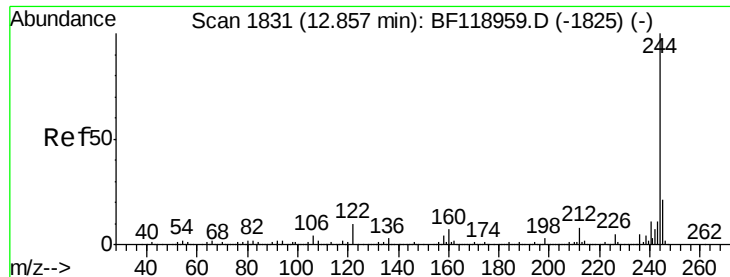
Tot Ion:188 Resp: 641195
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.3 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119091.D
Acq: 26 Feb 2020 13:26

Tgt Ion:240 Resp: 513368
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.4 21.0 31.4



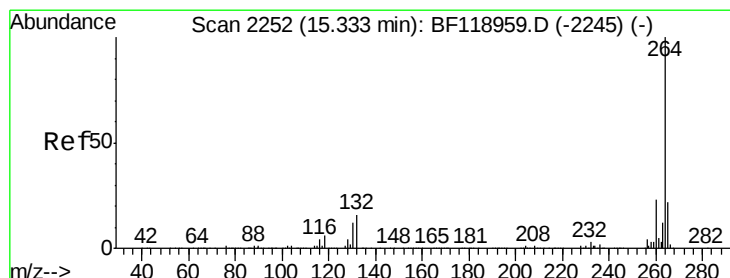
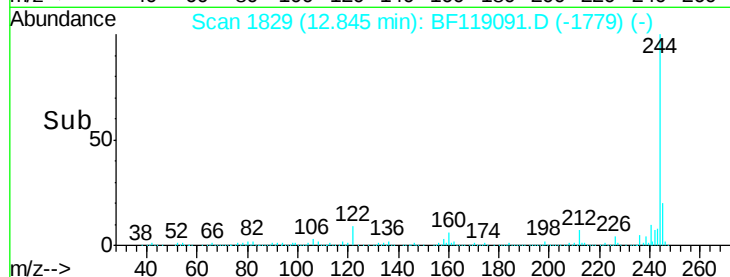
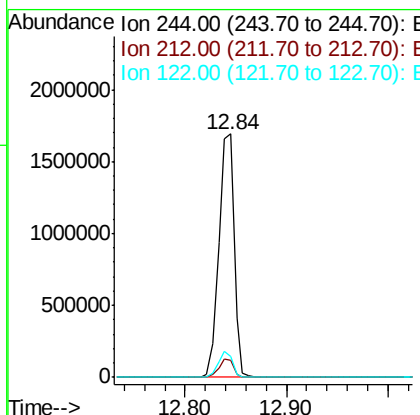
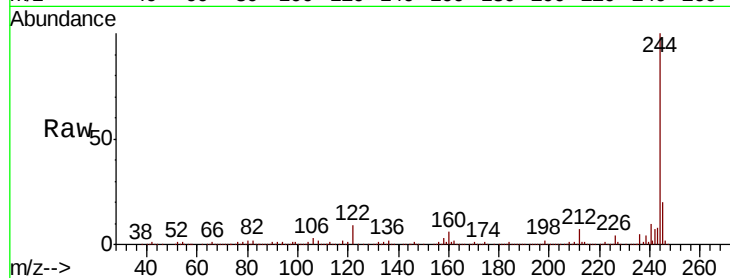


#79
 Terphenyl-d14
 Concen: 59.633 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119091.D
 Acq: 26 Feb 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1778136

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	10.0
122	8.7	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: BF119091.D
 Acq: 26 Feb 2020 13:26

Tgt Ion:264 Resp: 395211

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.0	17.7	26.5

