

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119397.D
 Acq On : 12 Mar 2020 23:26
 Operator : CG/JU
 Sample : L1889-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:48:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

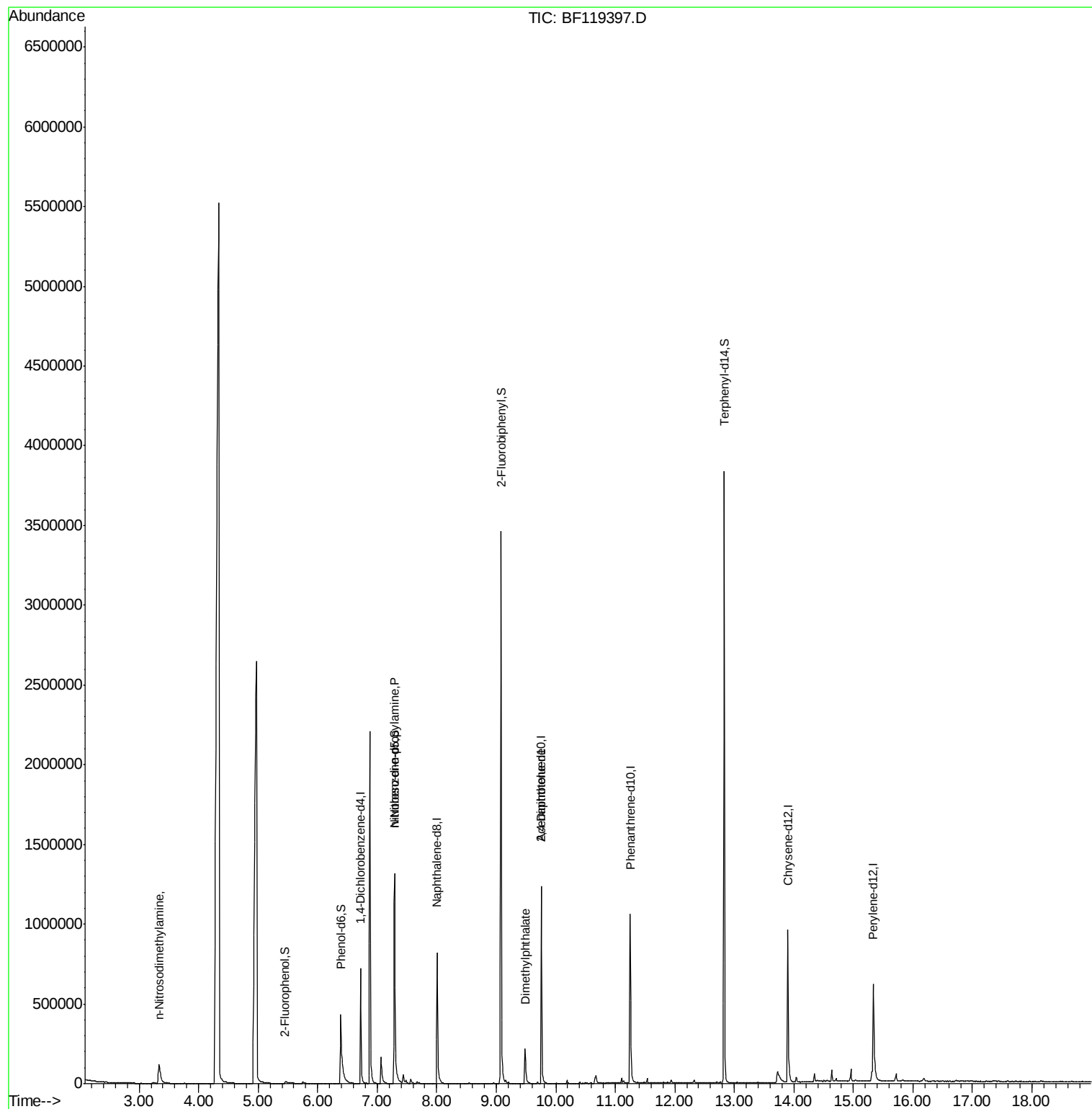
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122292	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	482076	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	267454	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	518116	20.00	ng	0.00
76) Chrysene-d12	13.90	240	407503	20.00	ng	0.01
87) Perylene-d12	15.33	264	397029	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	17268	2.36	ng	0.10
7) Phenol-d6	6.39	99	328353	36.89	ng	0.00
23) Nitrobenzene-d5	7.29	82	583730	63.93	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.08	172	1141523	62.88	ng	0.00
79) Terphenyl-d14	12.83	244	1477639	62.43	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.34	42	6145	2.280	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	80299	15.484	ng	# 73
50) Dimethylphthalate	9.49	163	151956	7.430	ng	99
57) 2,4-Dinitrotoluene	9.76	165	34349	5.832	ng	# 21

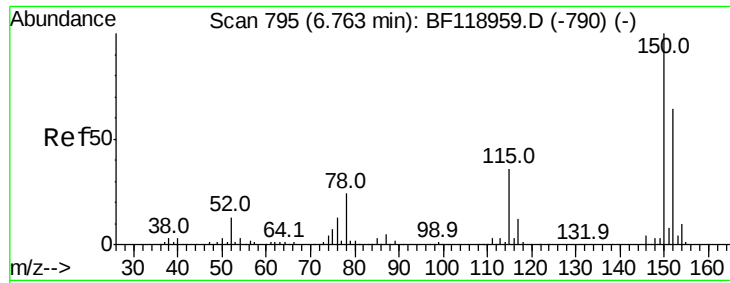
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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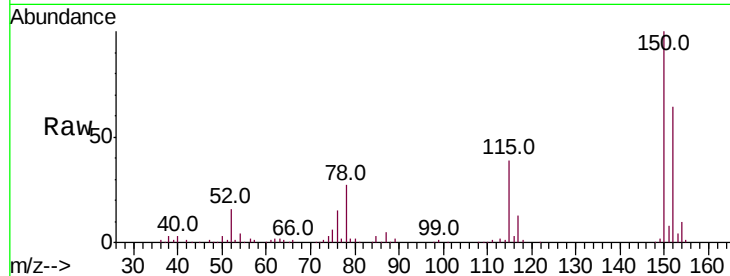


#1

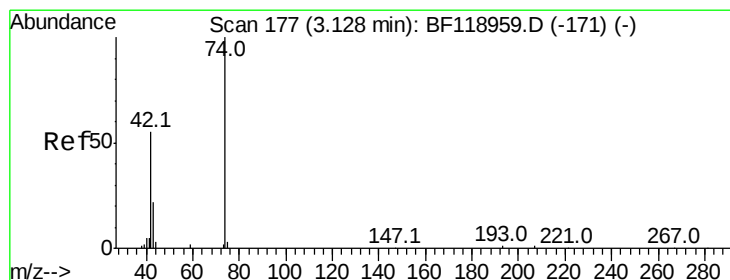
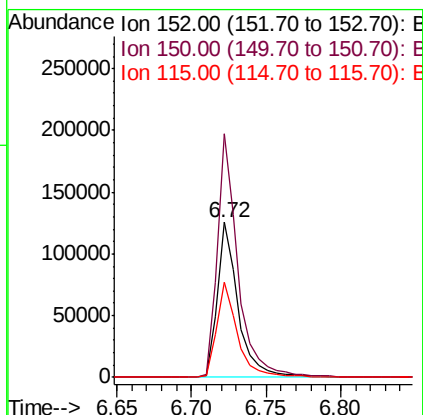
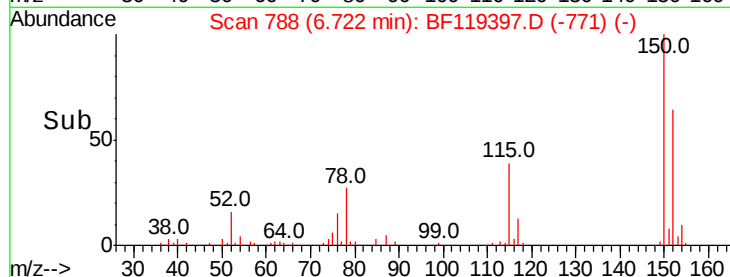
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119397.D
Acq: 12 Mar 2020 23:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.6
115	61.1	49.5	74.3



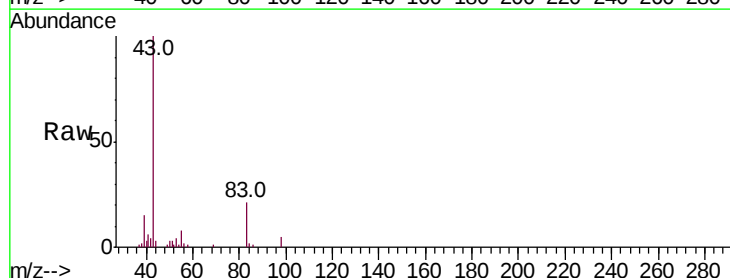
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



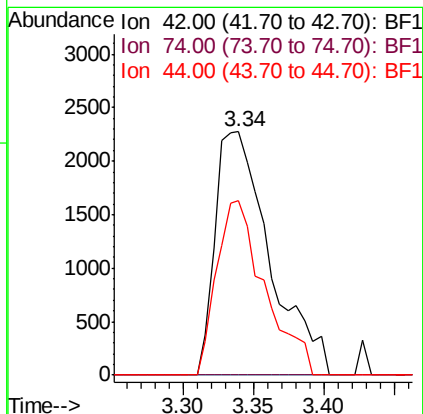
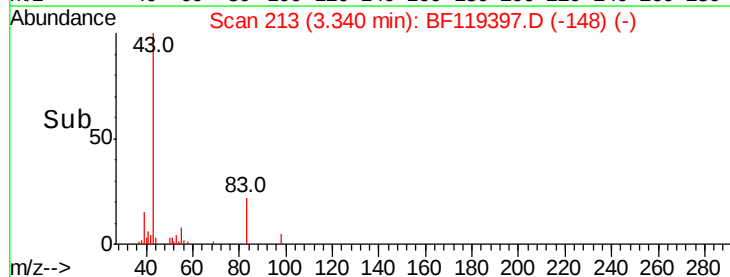
#4

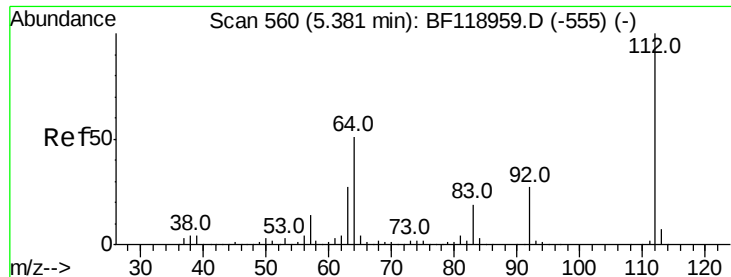
n-Nitrosodimethylamine
Concen: 2.280 ng
RT: 3.34 min Scan# 213
Delta R.T. 0.28 min
Lab File: BF119397.D
Acq: 12 Mar 2020 23:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	137.7	206.5#
44	71.9	4.5	6.7#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 2.360 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.10 min

Lab File: BF119397.D

Acq: 12 Mar 2020 23:26

Instrument :

BNA_F

ClientSampled :

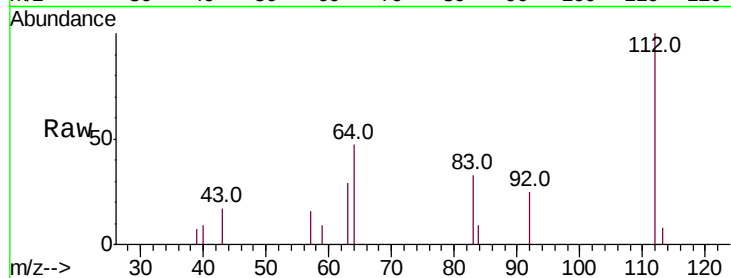
Tot Ion:112 Resp: 17268

Ion Ratio Lower Upper

112 100

64 46.9 45.0 67.4

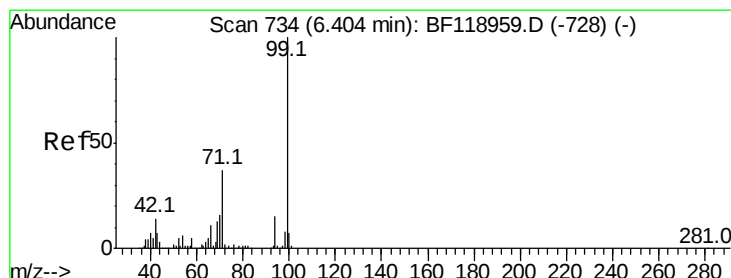
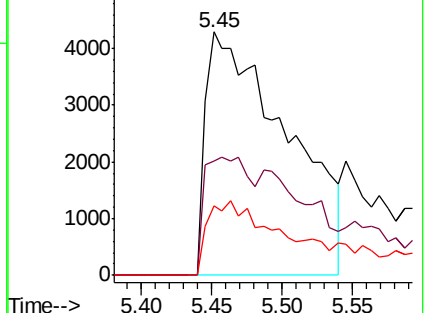
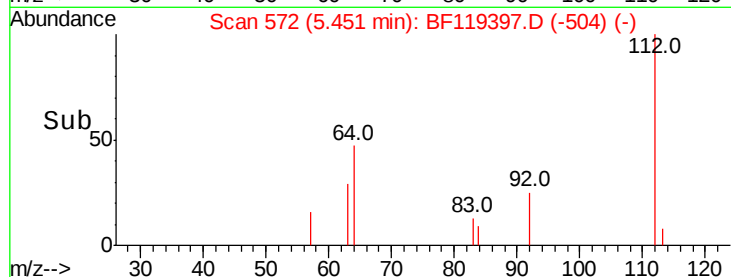
63 28.8 24.2 36.4



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: 36.895 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119397.D

Acq: 12 Mar 2020 23:26

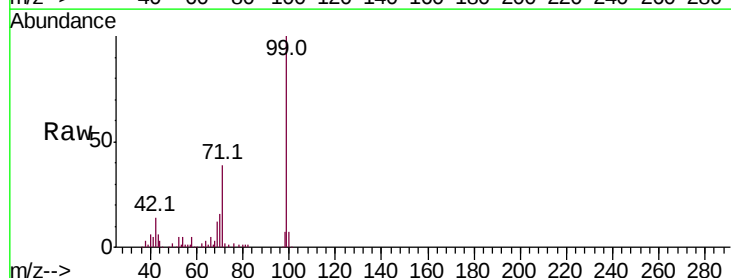
Tgt Ion: 99 Resp: 328353

Ion Ratio Lower Upper

99 100

42 14.4 12.6 18.8

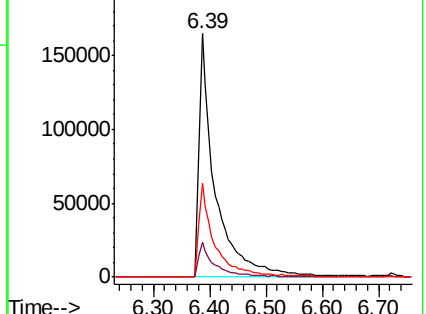
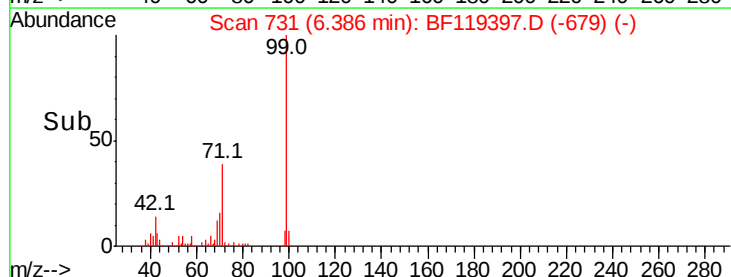
71 38.5 31.0 46.4

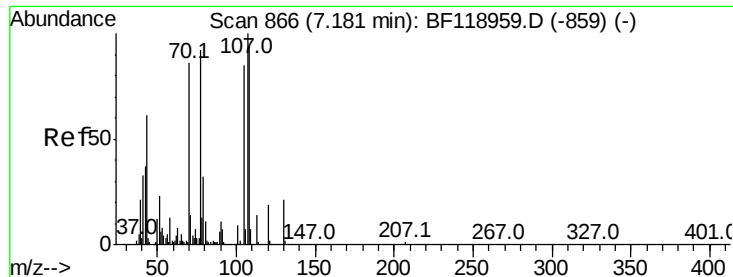


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

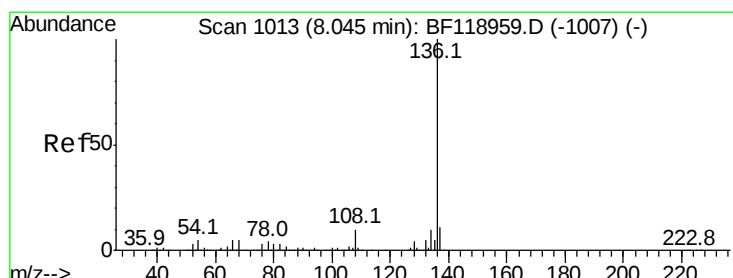
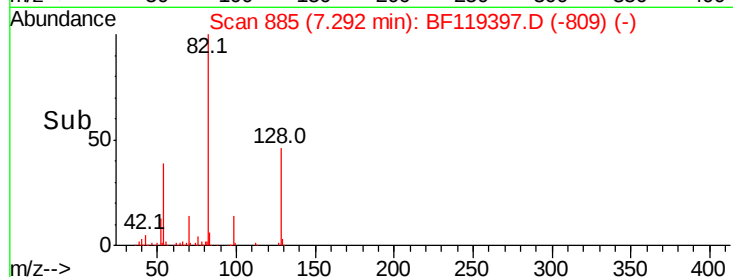
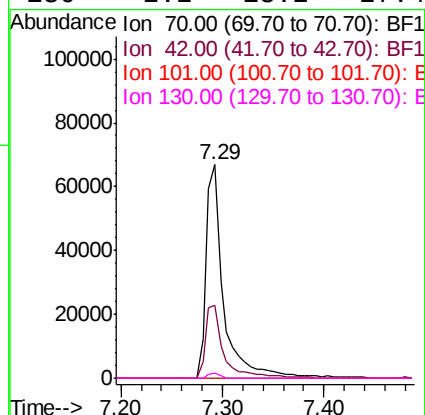
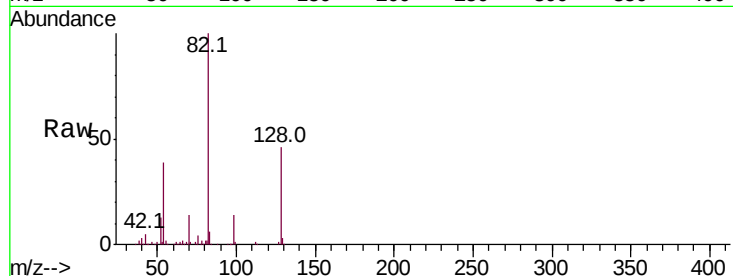




#19
n-Nitroso-di-n-propylamine
Concen: 15.484 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119397.D
Acq: 12 Mar 2020 23:26

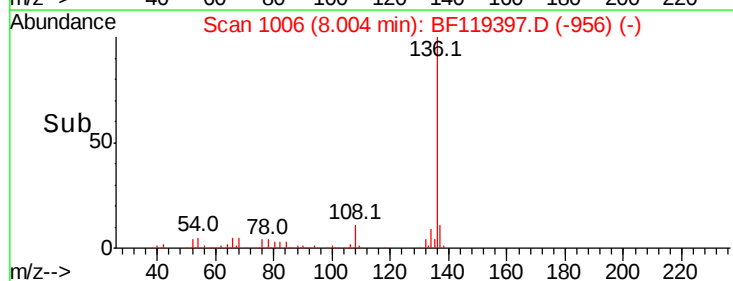
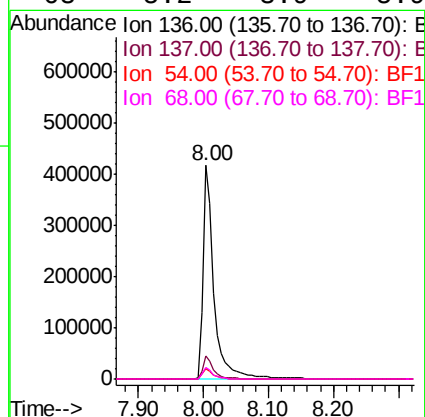
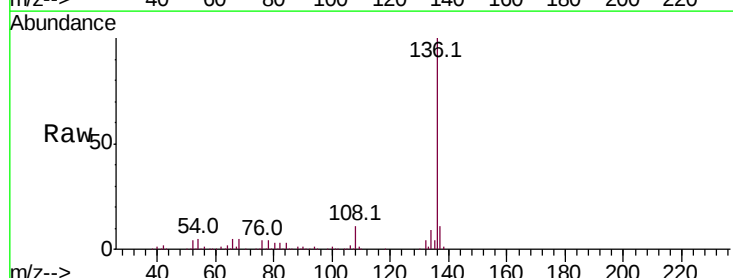
Instrument :
BNA_F
ClientSampled :

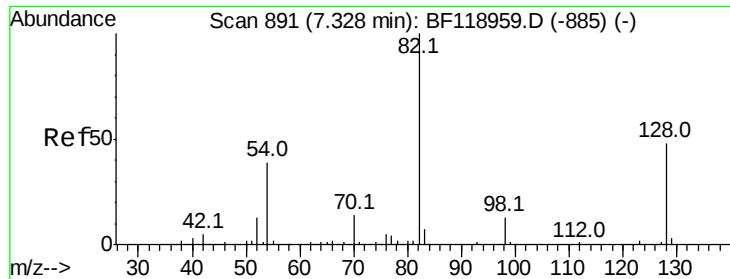
Tot Ion: 70 Resp: 80299
Ion Ratio Lower Upper
70 100
42 34.4 38.0 57.0#
101 0.0 8.2 12.4#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119397.D
Acq: 12 Mar 2020 23:26

Tgt Ion: 136 Resp: 482076
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.1 3.8 5.6
68 5.2 3.9 5.9

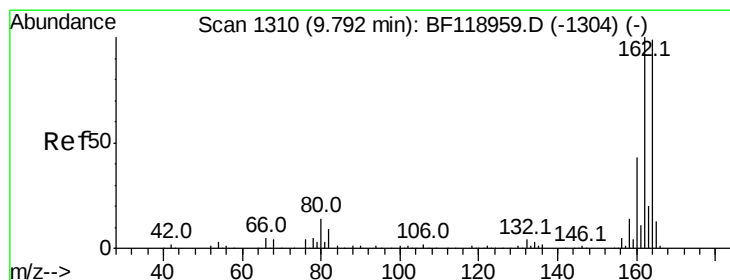
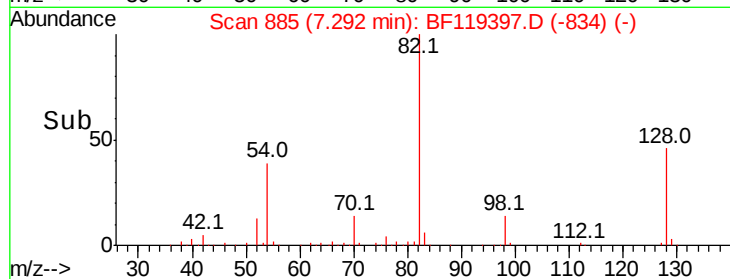
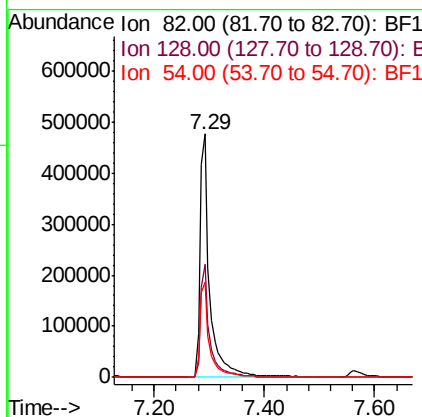
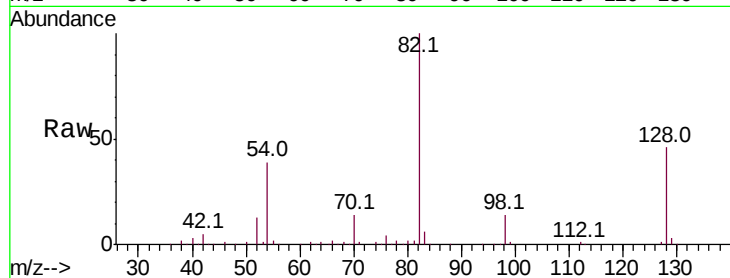




#23
 Nitrobenzene-d5
 Concen: 63.934 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119397.D
 Acq: 12 Mar 2020 23:26

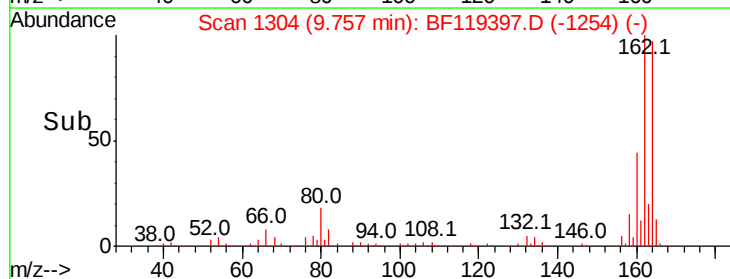
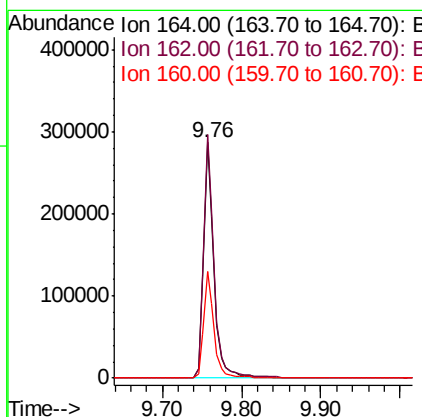
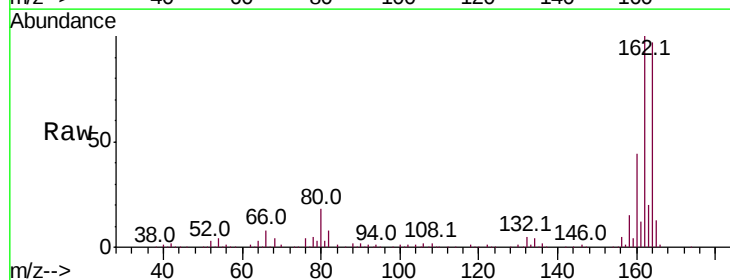
Instrument :
 BNA_F
 ClientSampleId :

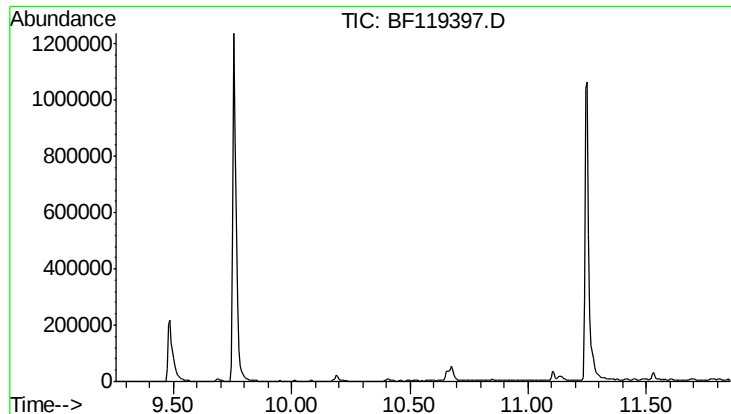
Tot Ion	82	Resp	583730
Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.9	56.9
54	38.9	33.4	50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119397.D
 Acq: 12 Mar 2020 23:26

Tgt Ion	164	Resp	267454
Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.8
160	45.1	36.0	54.0

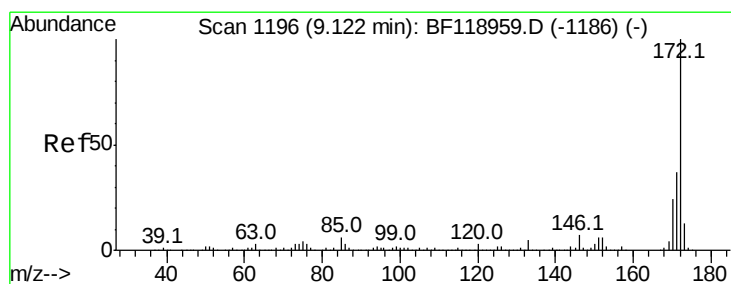
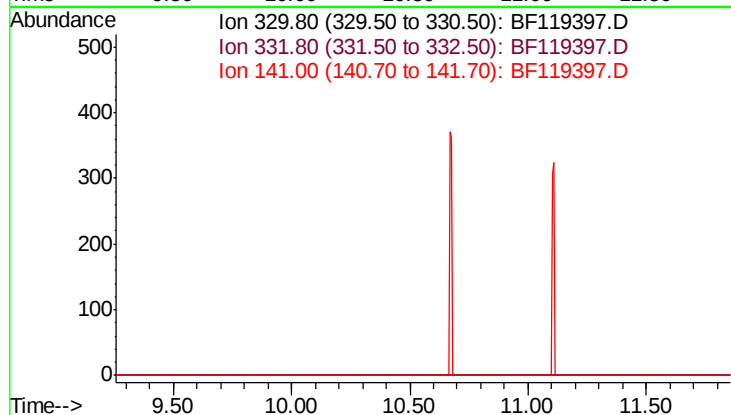




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.56 min
 Lab File: BF119397.D
 Acq: 12 Mar 2020 23:26

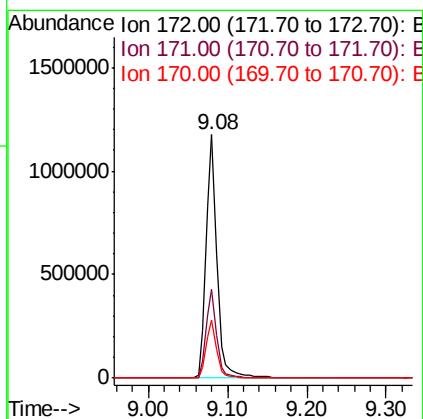
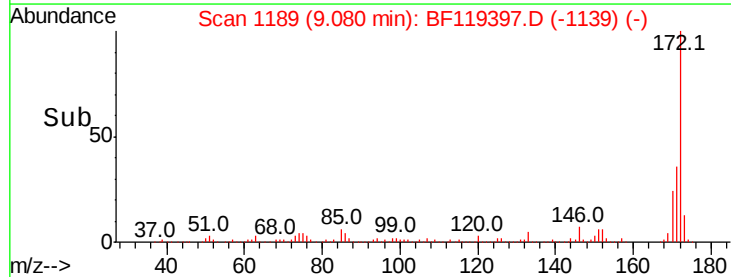
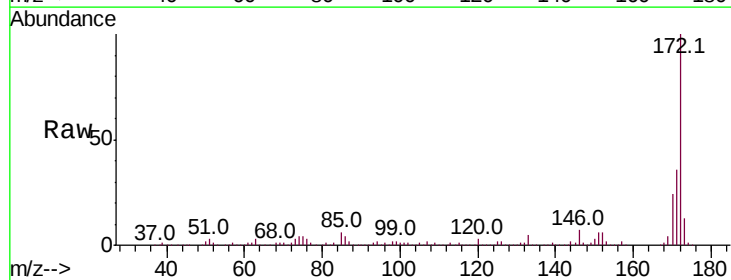
Instrument :
 BNA_F
 ClientSampleId :

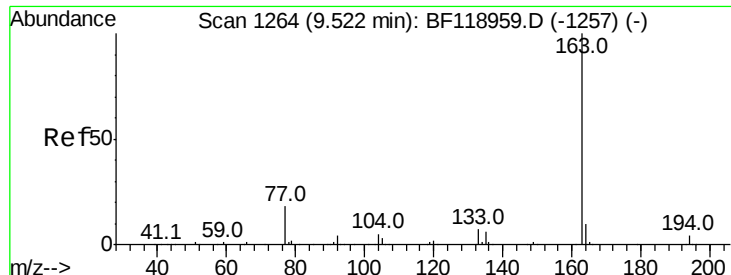
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.0
 141 28.6



#45
 2-Fluorobiphenyl
 Concen: 62.877 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119397.D
 Acq: 12 Mar 2020 23:26

Tgt Ion: 172 Resp: 1141523
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.6 45.8
 170 23.8 20.2 30.2

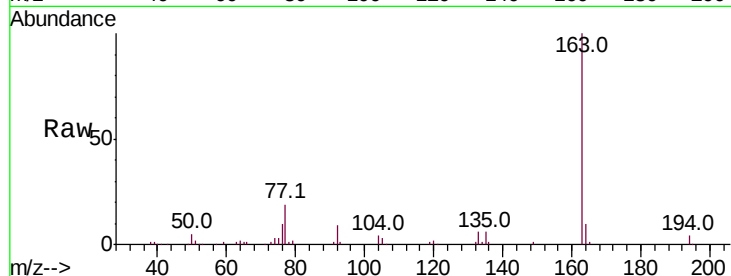




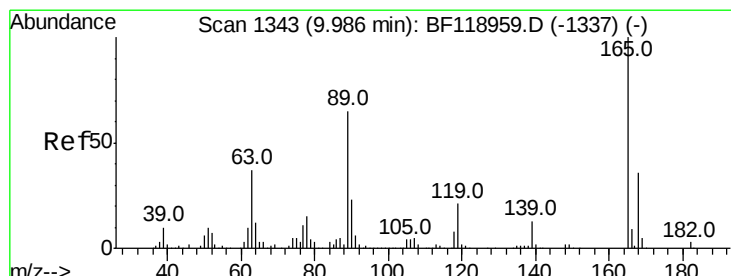
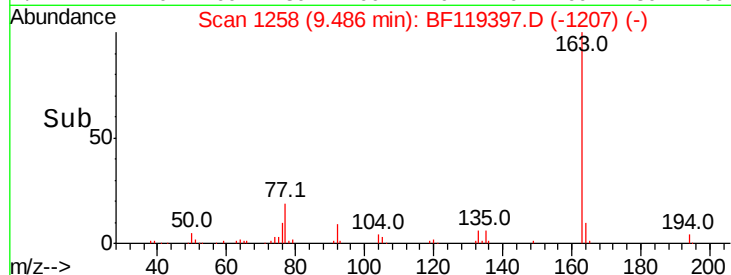
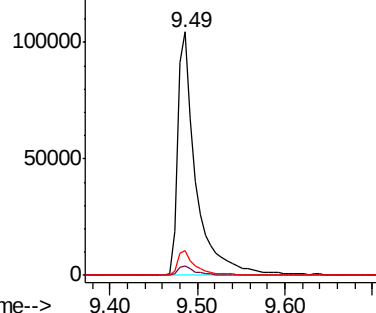
#50
Dimethylphthalate
Concen: 7.430 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119397.D
Acq: 12 Mar 2020 23:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 151956
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.1 8.4 12.6

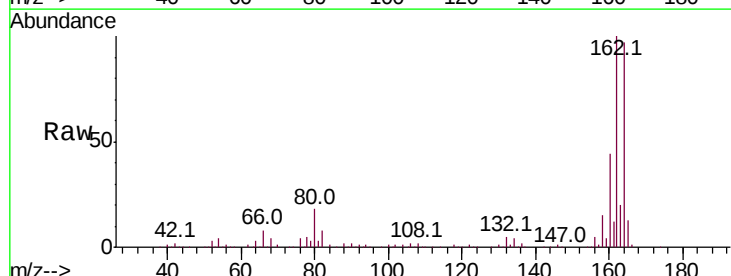


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

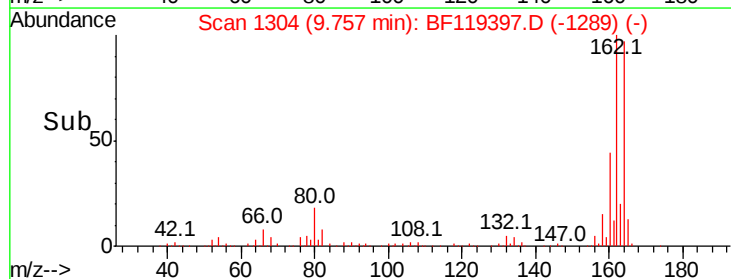
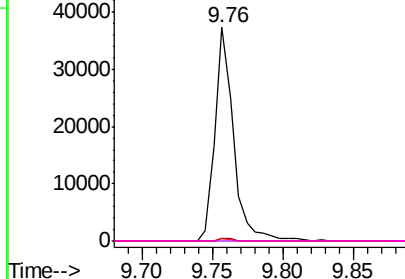


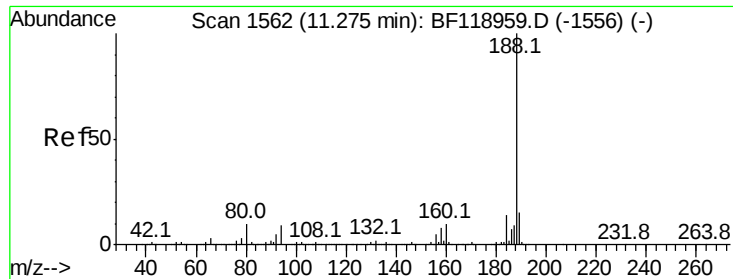
#57
2,4-Dinitrotoluene
Concen: 5.832 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119397.D
Acq: 12 Mar 2020 23:26

Tgt Ion:165 Resp: 34349
Ion Ratio Lower Upper
165 100
63 1.4 42.3 63.5#
89 1.3 60.2 90.4#
182 0.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

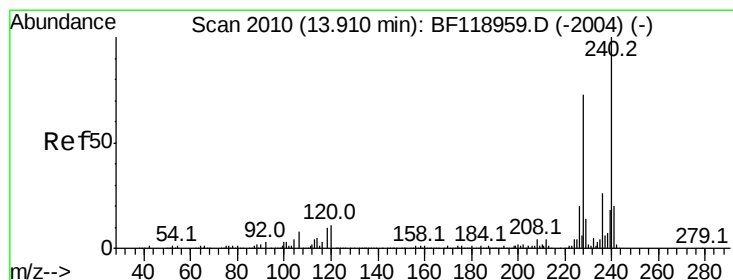
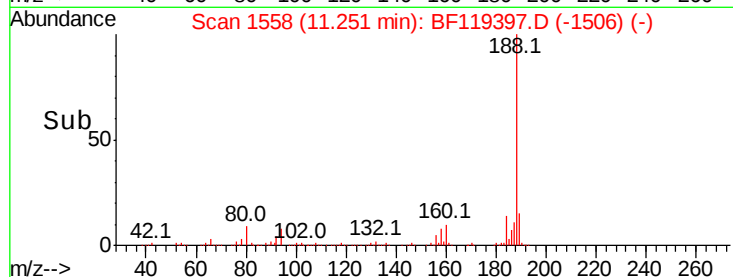
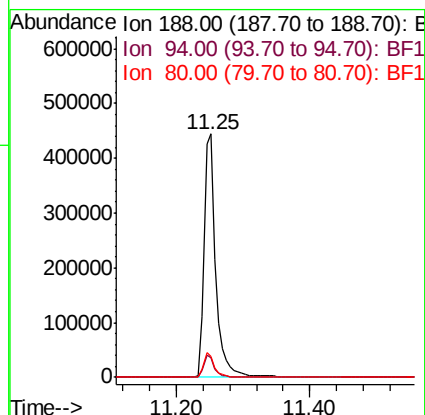
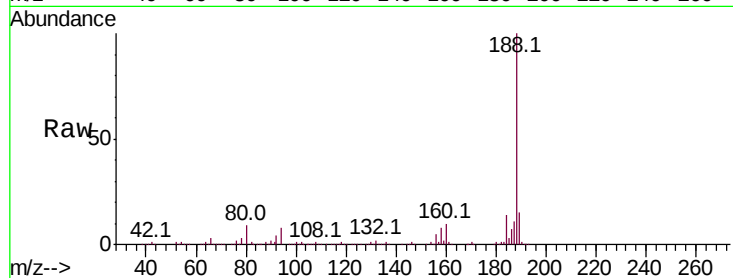




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119397.D
Acq: 12 Mar 2020 23:26

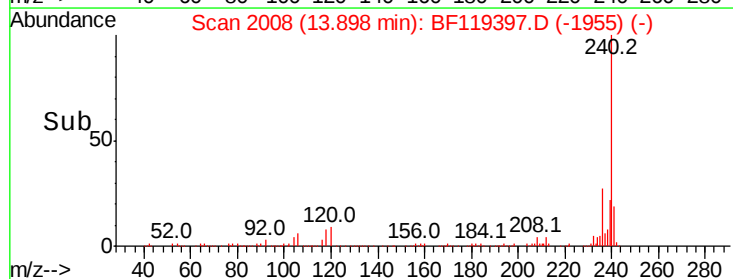
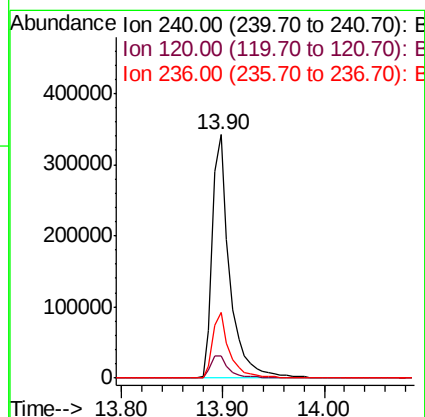
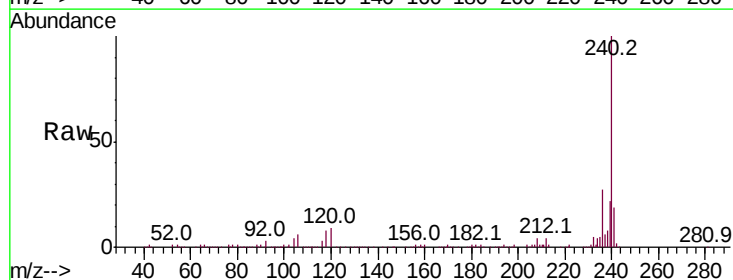
Instrument :
BNA_F
ClientSampleId :

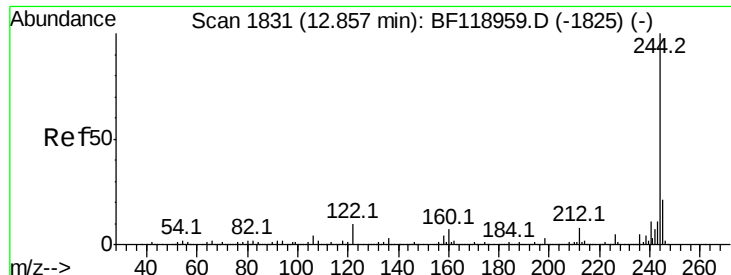
Tot Ion:188 Resp: 518116
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.6 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119397.D
Acq: 12 Mar 2020 23:26

Tgt Ion:240 Resp: 407503
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 27.2 21.0 31.4





#79

Terphenyl-d14

Concen: 62.429 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119397.D

Acq: 12 Mar 2020 23:26

Instrument :

BNA_F

ClientSampleId :

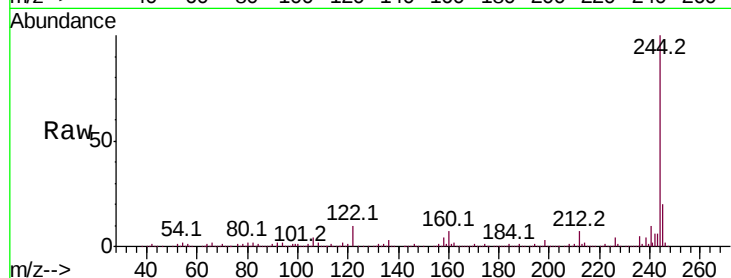
Tot Ion:244 Resp: 1477639

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

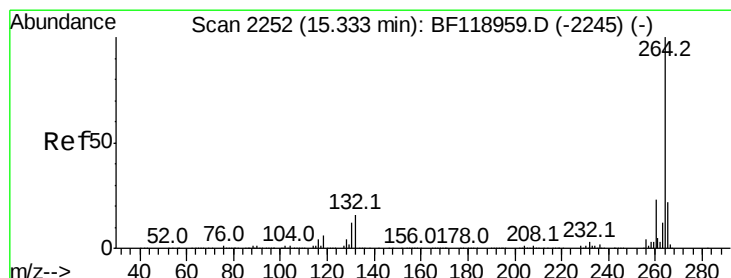
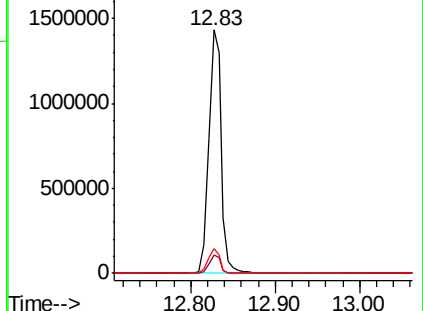
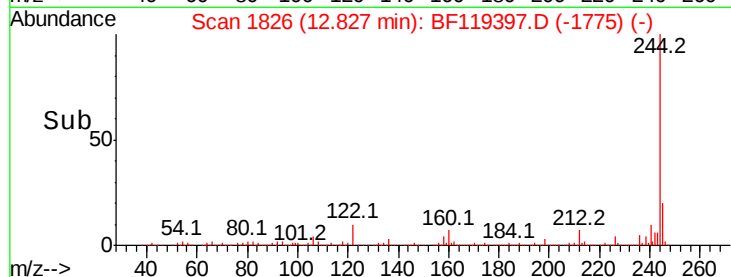
122 10.3 8.2 12.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119397.D

Acq: 12 Mar 2020 23:26

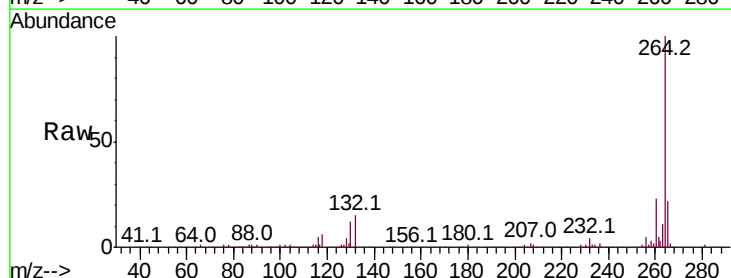
Tgt Ion:264 Resp: 397029

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.9 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

