

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021220\
 Data File : BF118914.D
 Acq On : 12 Feb 2020 14:30
 Operator : CG/JU
 Sample : L1493-06 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 13 00:00:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

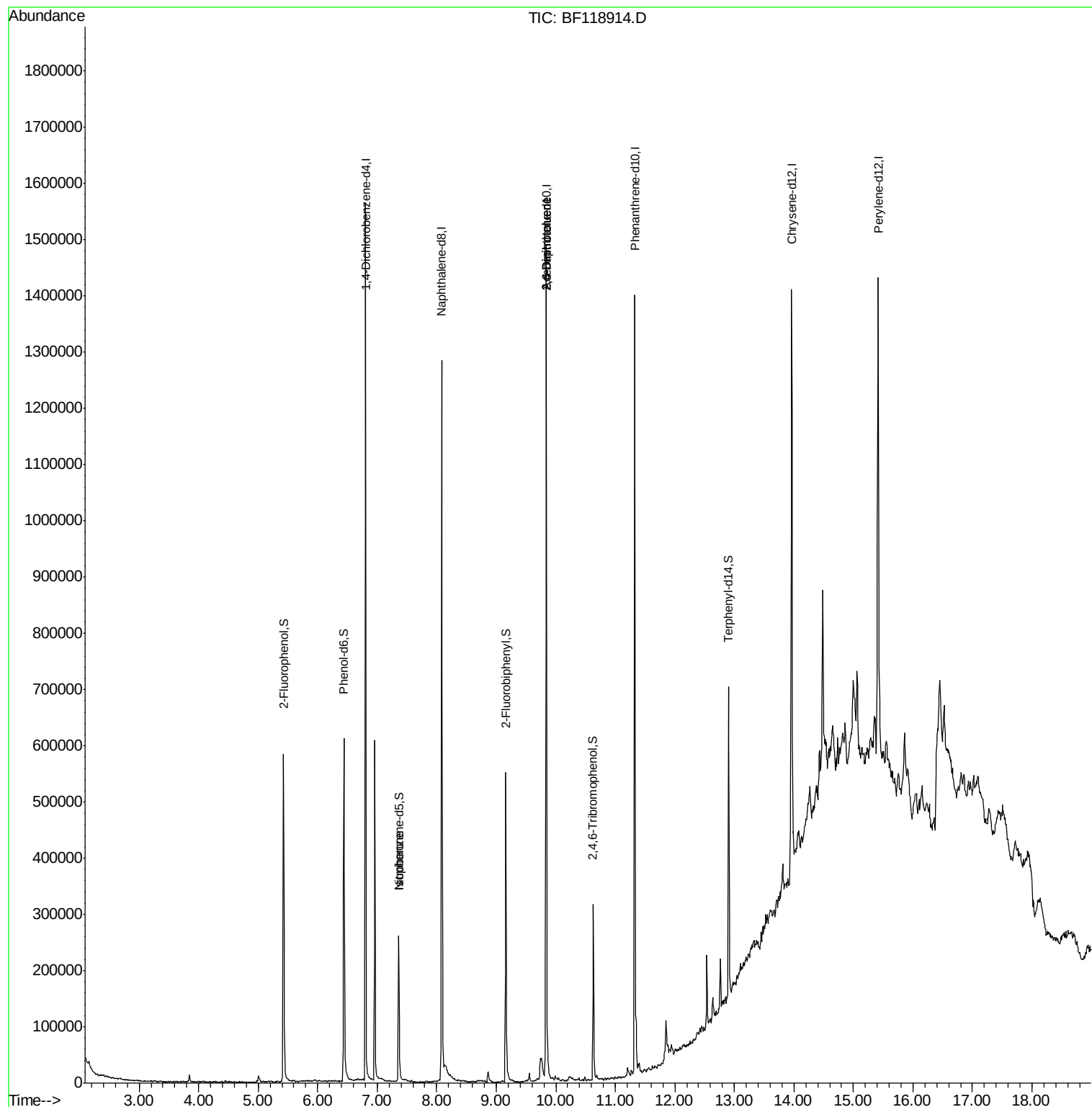
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	246403	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	638507	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	346186	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	558708	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	377984	20.00	ng	-0.02
87) Perylene-d12	15.42	264	437690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	195385	15.01	ng	0.00
7) Phenol-d6	6.44	99	239356	14.81	ng	-0.01
23) Nitrobenzene-d5	7.36	82	102541	9.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	49438	11.94	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	231009	11.93	ng	-0.02
79) Terphenyl-d14	12.90	244	207078	11.25	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.44	77	289	Below Cal	Qvalue	# 1
25) Isophorone	7.36	82	102540	5.326 ng	#	63
51) 2,6-Dinitrotoluene	9.84	165	44453	8.242 ng	#	31
57) 2,4-Dinitrotoluene	9.84	165	44445	6.227 ng	#	35

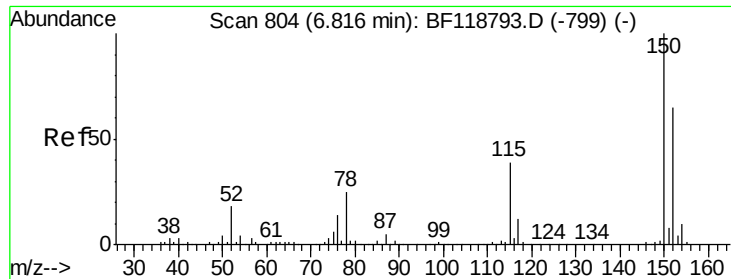
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021220\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 13 00:00:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



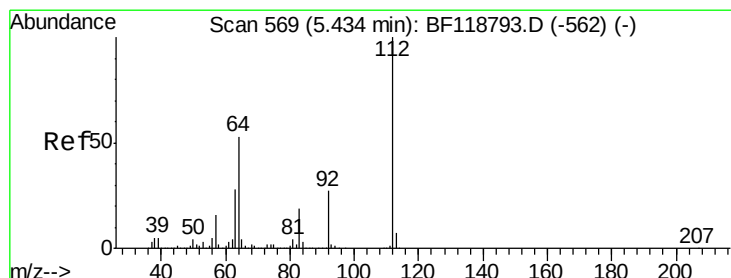
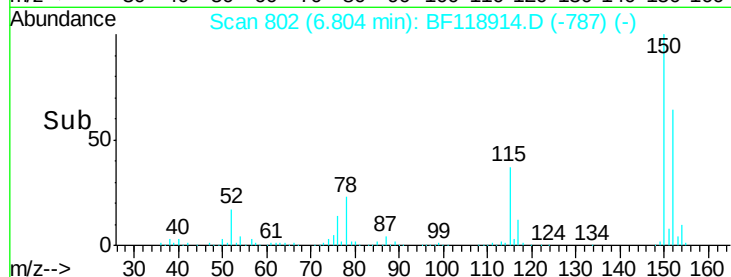
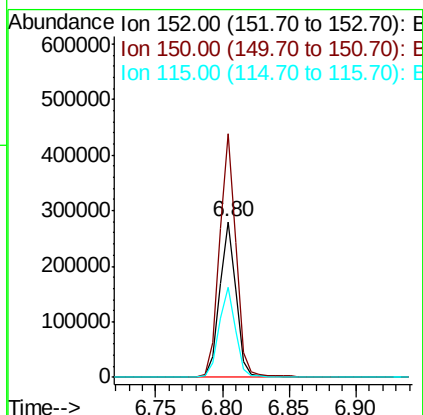
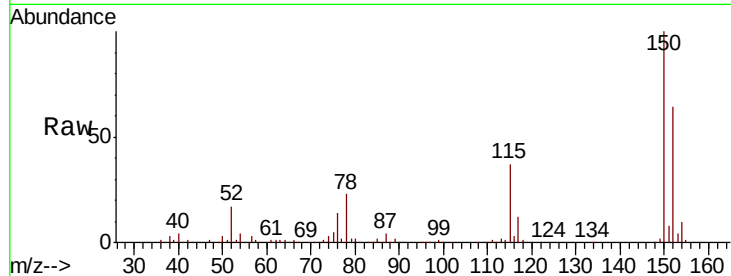


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118914.D
Acq: 12 Feb 2020 14:30

Instrument :
BNA_F
ClientSampled :

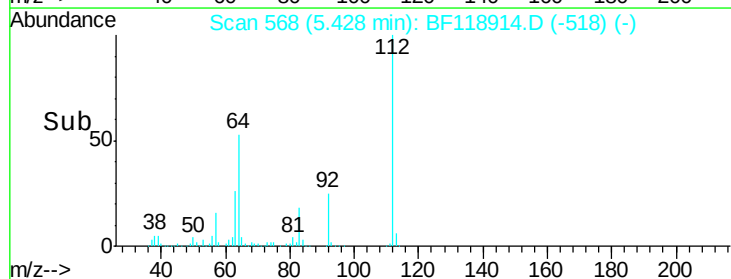
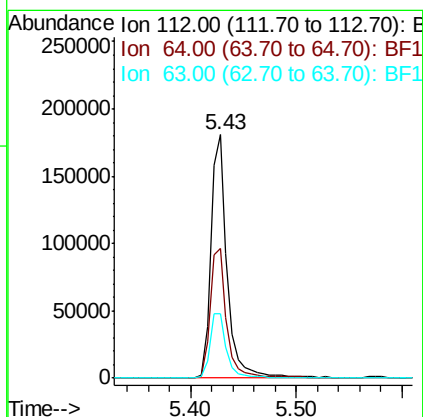
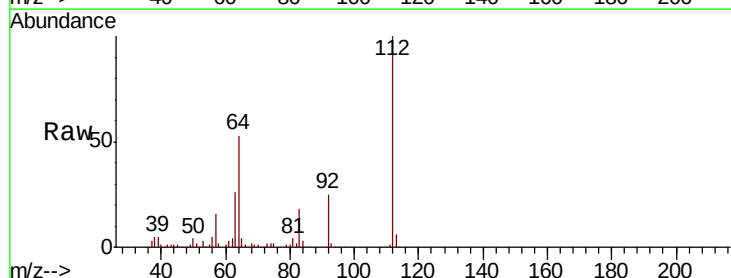
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.6	185.4
115	58.1	48.2	72.2

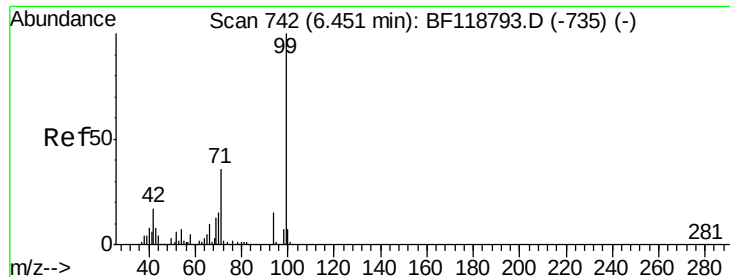


#5

2-Fluorophenol
Concen: 15.010 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118914.D
Acq: 12 Feb 2020 14:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.6	63.8
63	26.3	22.2	33.4





#7

Phenol-d6

Concen: 14.813 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118914.D

Acq: 12 Feb 2020 14:30

Instrument :

BNA_F

ClientSampleId :

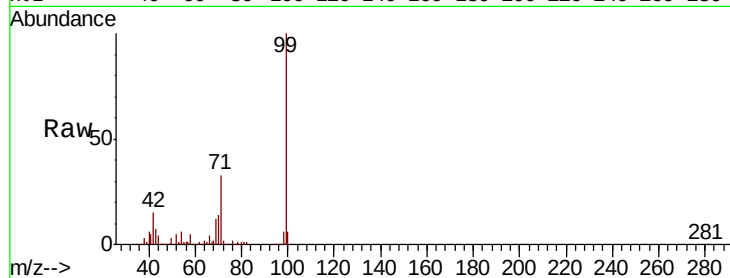
Tot Ion: 99 Resp: 239356

Ion Ratio Lower Upper

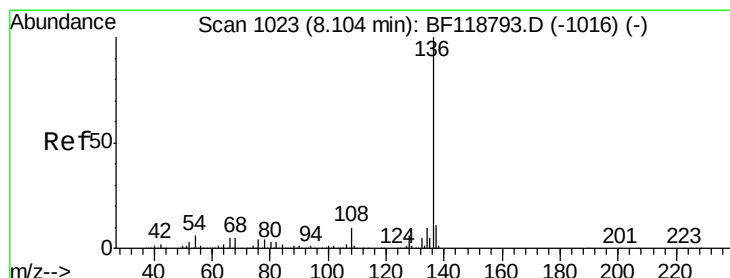
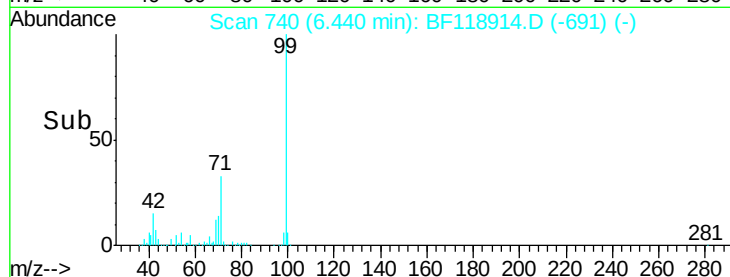
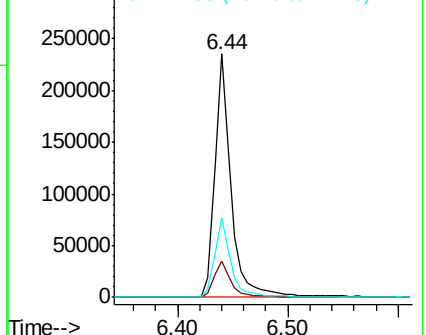
99 100

42 14.9 13.4 20.0

71 32.5 29.0 43.6



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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF118914.D

Acq: 12 Feb 2020 14:30

Tgt Ion: 136 Resp: 638507

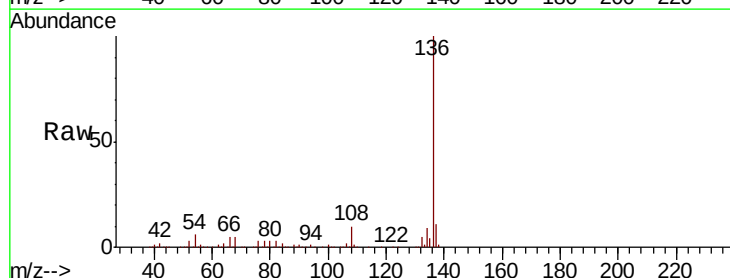
Ion Ratio Lower Upper

136 100

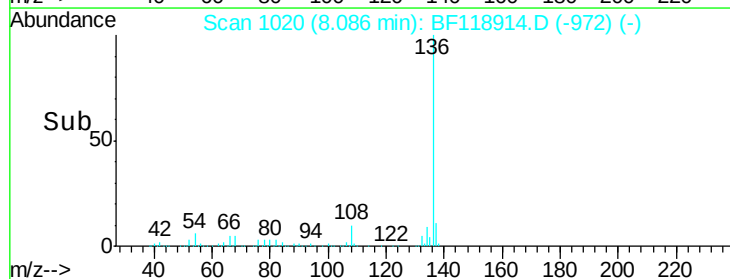
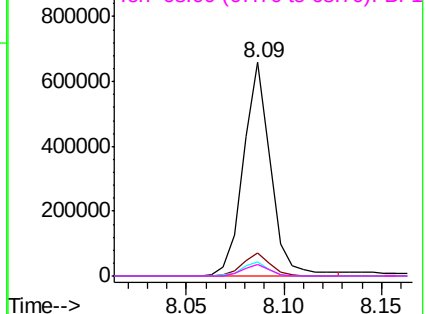
137 11.0 8.7 13.1

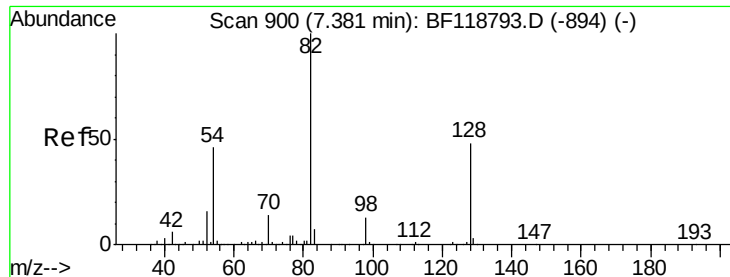
54 6.4 5.0 7.6

68 5.3 4.2 6.4



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

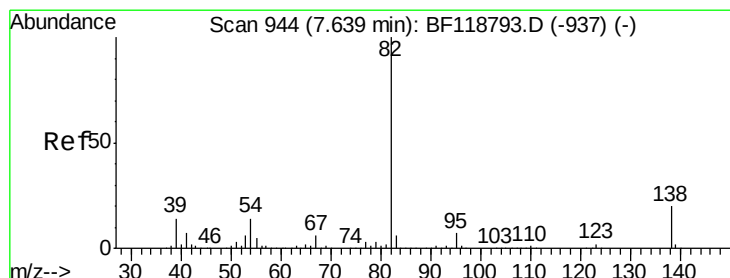
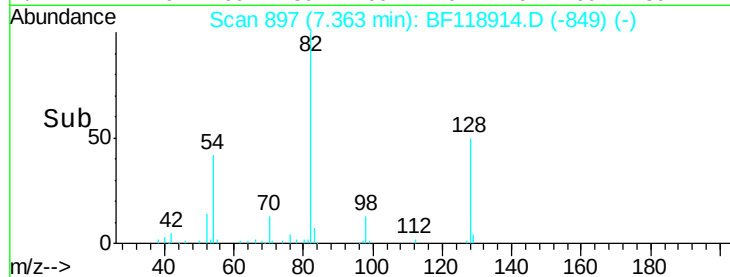
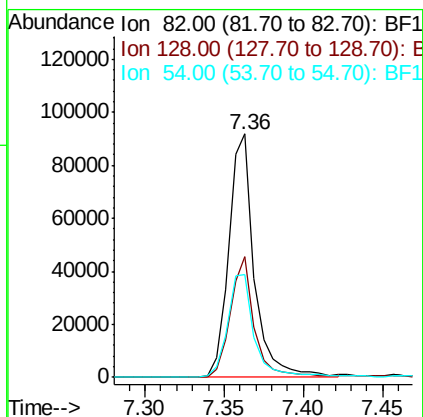
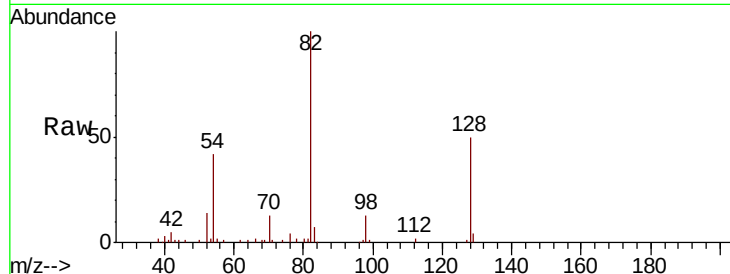




#23
 Nitrobenzene-d5
 Concen: 9.572 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF118914.D
 Acq: 12 Feb 2020 14:30

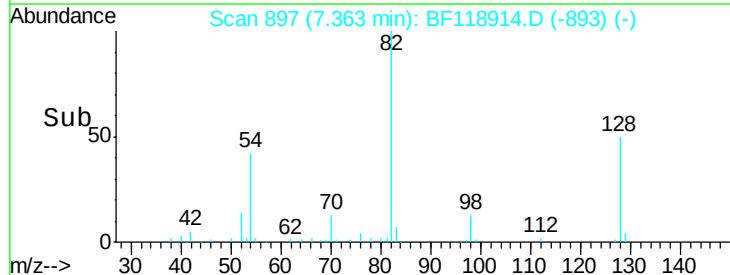
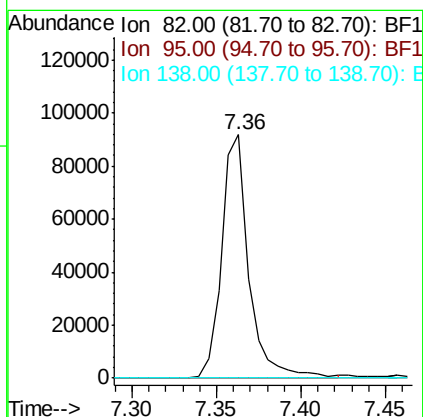
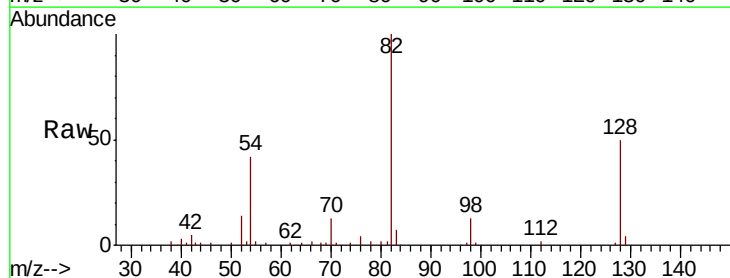
Instrument :
 BNA_F
 ClientSampled :

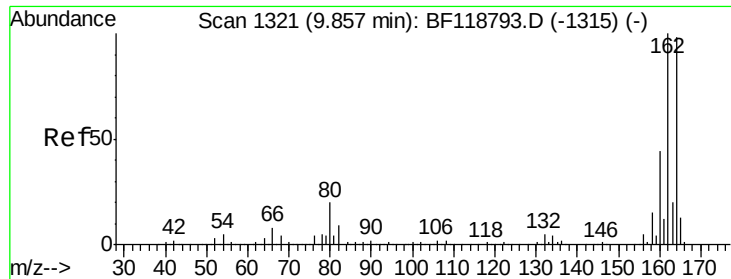
Tot Ion	82	Resp	102541
Ion Ratio	Lower	Upper	
82	100		
128	49.8	38.5	57.7
54	42.1	36.7	55.1



#25
 Isophorone
 Concen: 5.326 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.28 min
 Lab File: BF118914.D
 Acq: 12 Feb 2020 14:30

Tgt Ion	82	Resp	102540
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.0	9.0#
138	0.0	15.7	23.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF118914.D

Acq: 12 Feb 2020 14:30

Instrument :

BNA_F

ClientSampled :

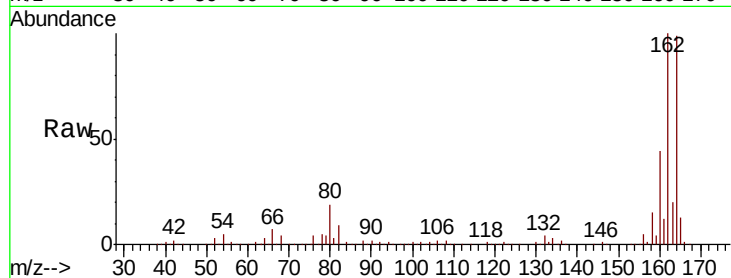
Tot Ion:164 Resp: 346186

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.2

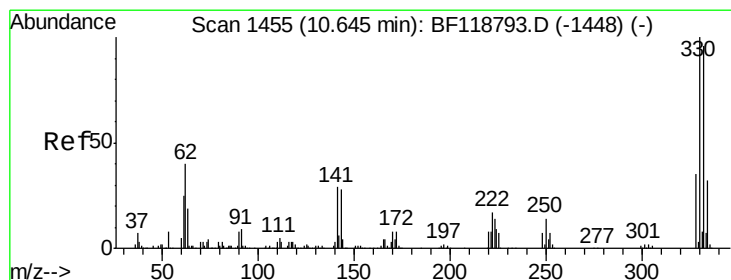
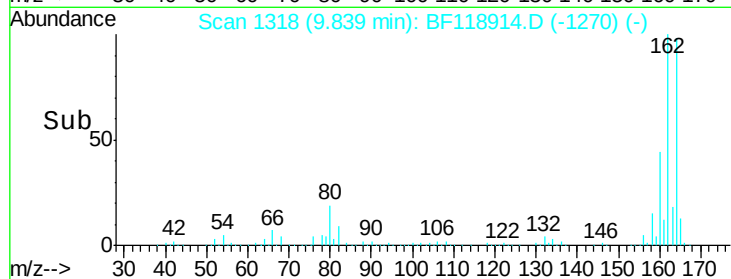
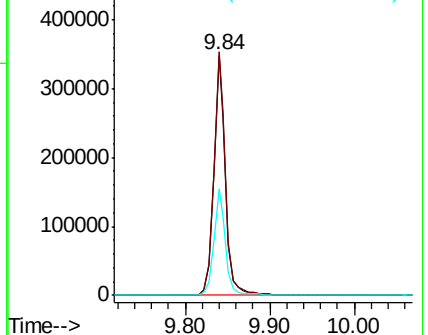
160 44.2 35.6 53.4



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: 11.935 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118914.D

Acq: 12 Feb 2020 14:30

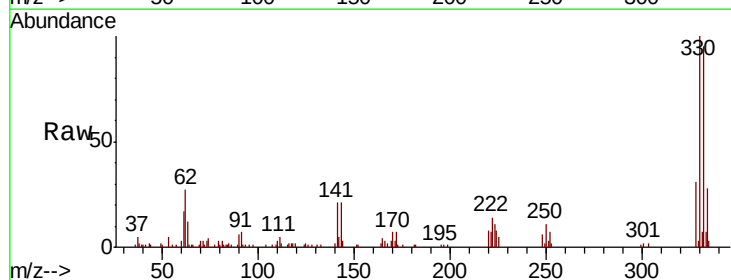
Tgt Ion:330 Resp: 49438

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

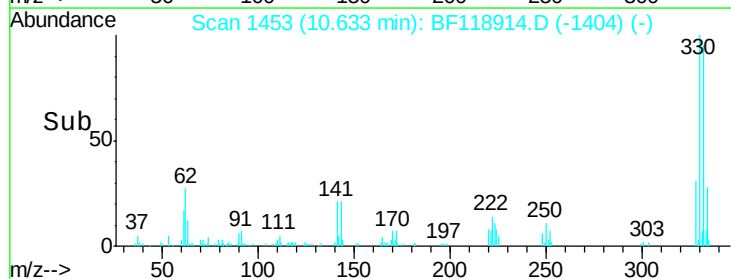
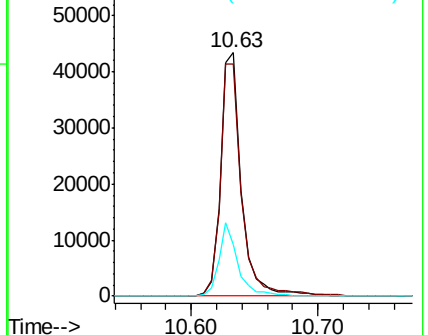
141 27.6 22.4 33.6

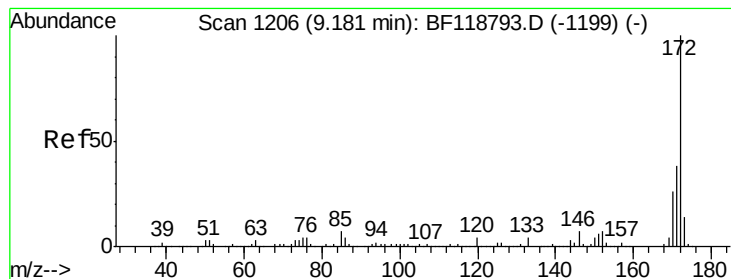


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 11.929 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.02 min

Lab File: BF118914.D

Acq: 12 Feb 2020 14:30

Instrument :

BNA_F

ClientSampleId :

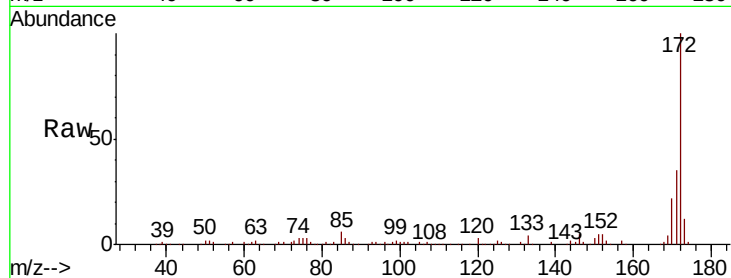
Tot Ion:172 Resp: 231009

Ion Ratio Lower Upper

172 100

171 34.9 30.8 46.2

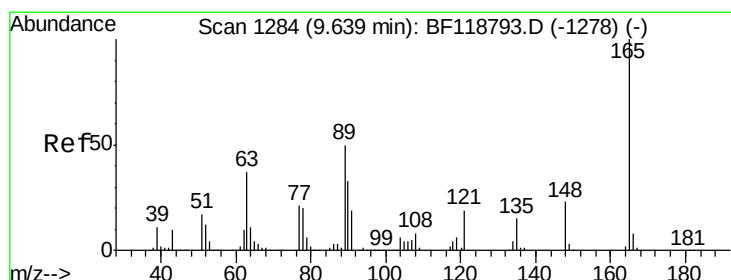
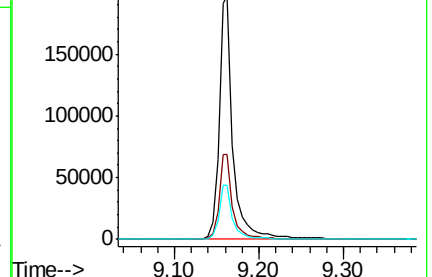
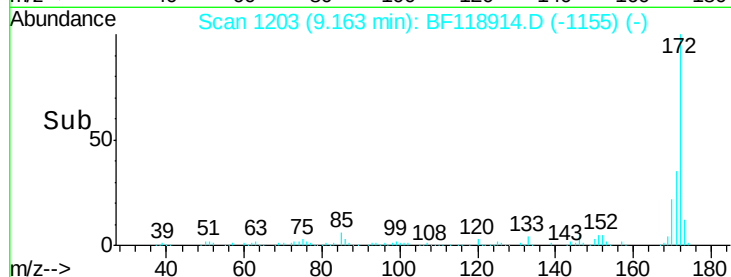
170 22.5 20.5 30.7



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



#51

2,6-Dinitrotoluene

Concen: 8.242 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.20 min

Lab File: BF118914.D

Acq: 12 Feb 2020 14:30

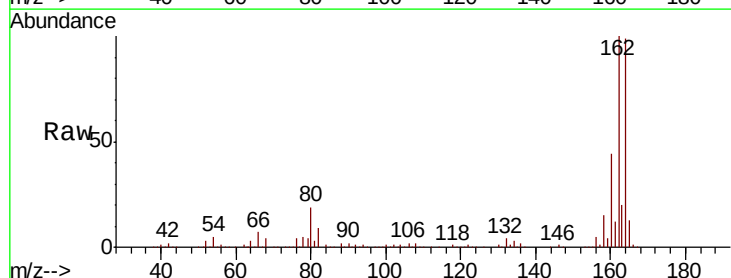
Tgt Ion:165 Resp: 44453

Ion Ratio Lower Upper

165 100

63 2.1 37.4 56.0#

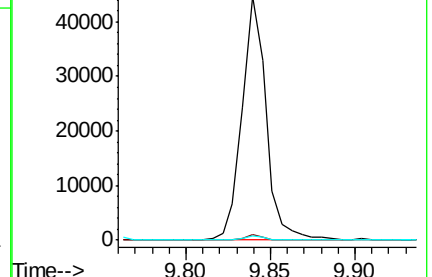
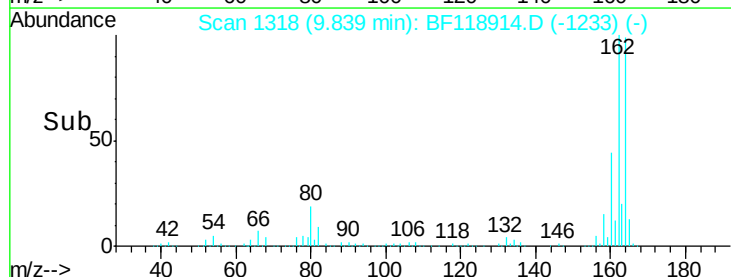
89 1.6 39.7 59.5#

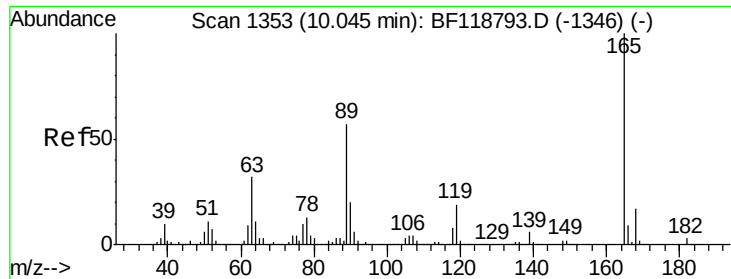


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

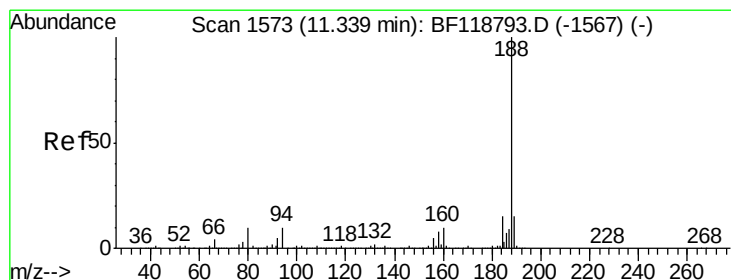
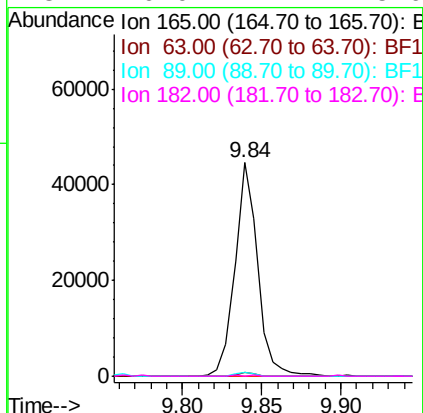
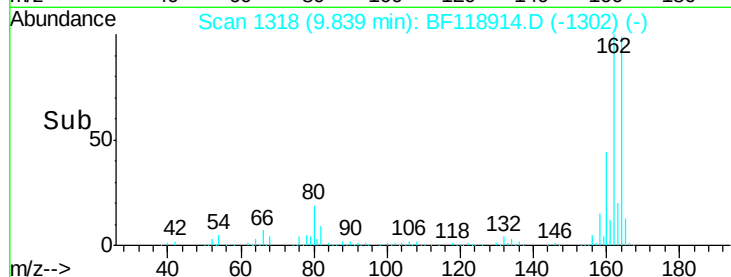
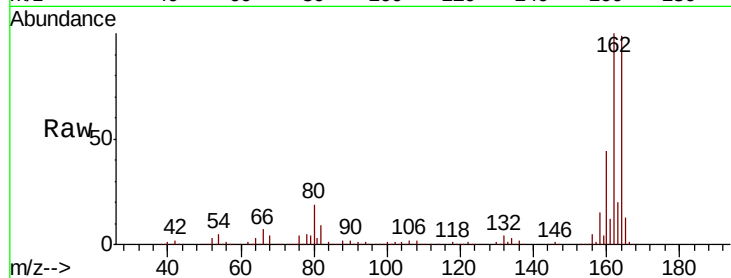




#57
 2,4-Dinitrotoluene
 Concen: 6.227 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF118914.D
 Acq: 12 Feb 2020 14:30

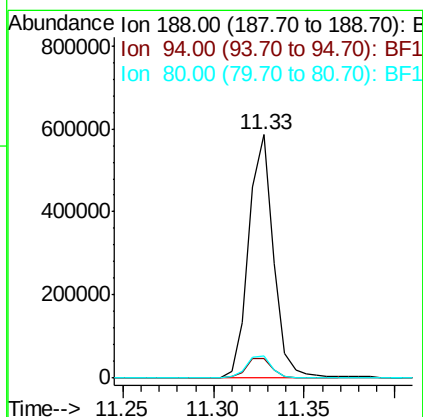
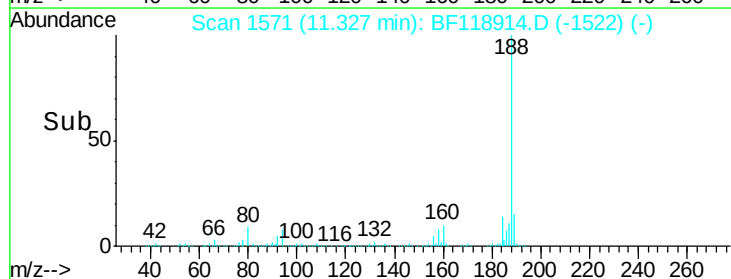
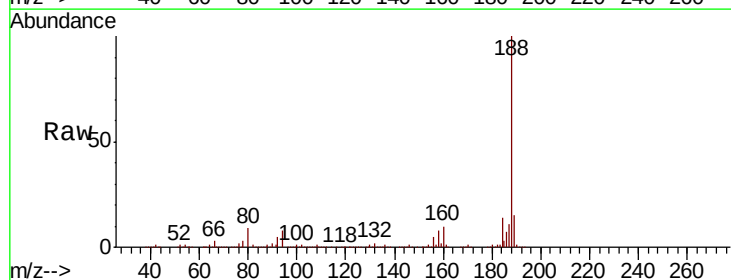
Instrument :
 BNA_F
 ClientSampleId :

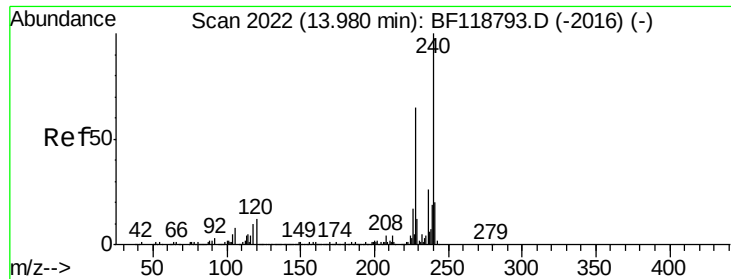
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.5	38.3#
89	1.6	45.4	68.0#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF118914.D
 Acq: 12 Feb 2020 14:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.9	11.9
80	9.2	8.4	12.6

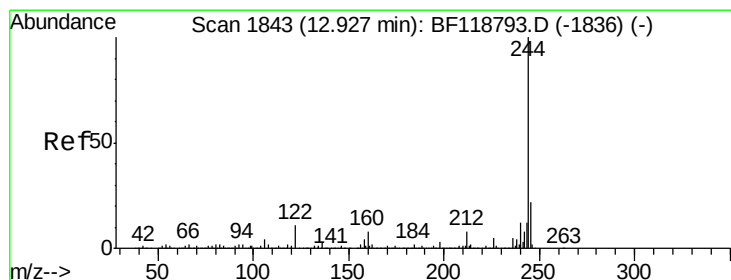
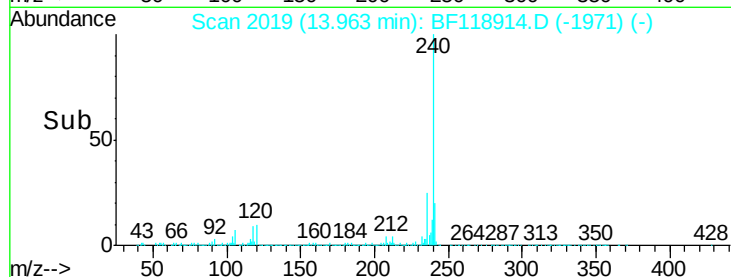
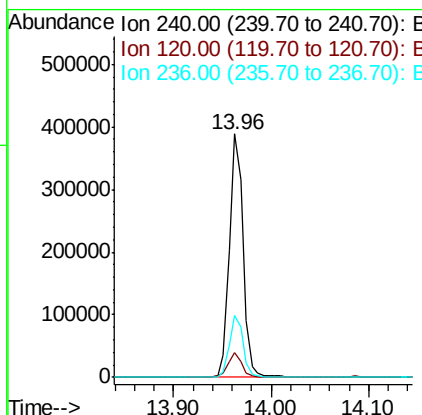
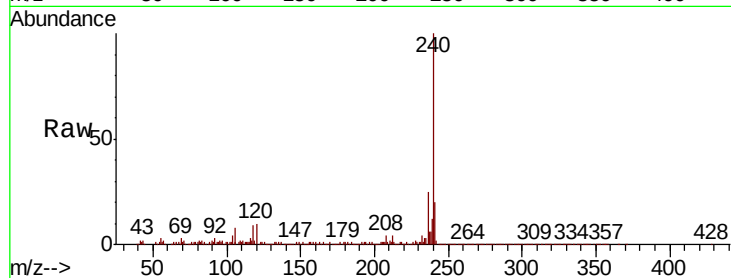




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118914.D
Acq: 12 Feb 2020 14:30

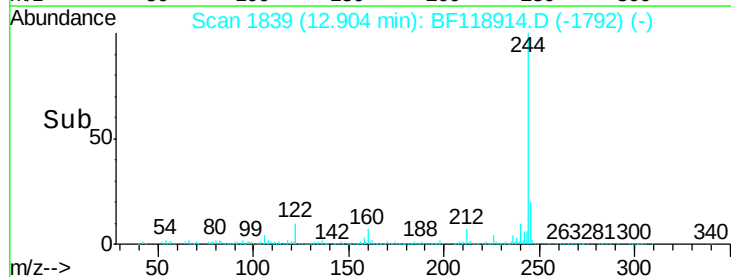
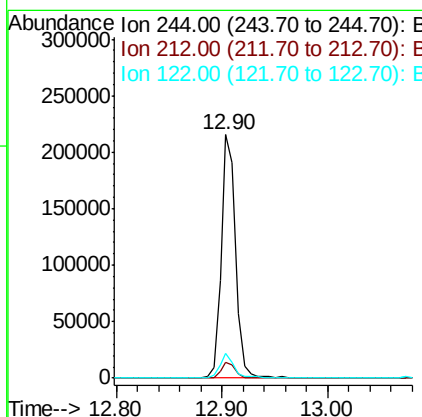
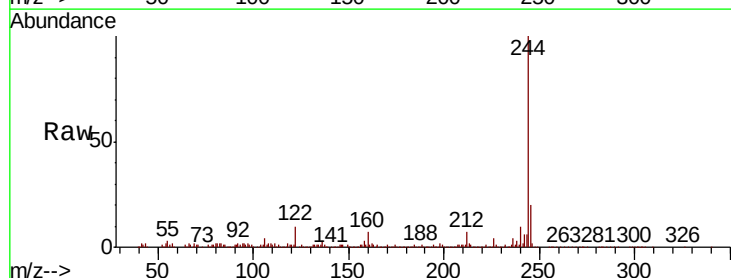
Instrument :
BNA_F
ClientSampled :

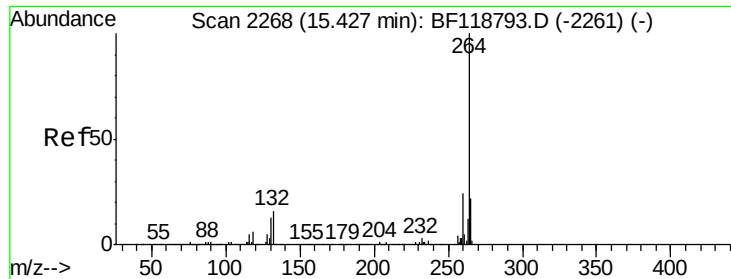
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.4	14.0
236	25.2	21.0	31.6



#79
Terphenyl-d14
Concen: 11.253 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.02 min
Lab File: BF118914.D
Acq: 12 Feb 2020 14:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	10.1	8.9	13.3

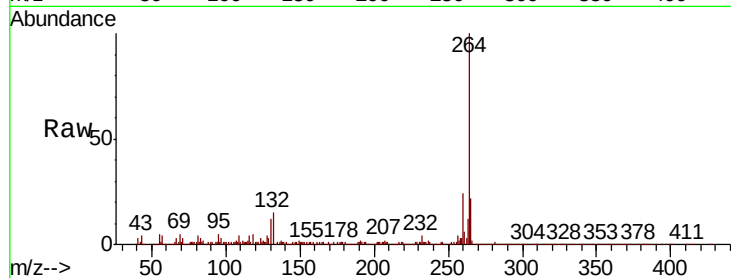




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118914.D
Acq: 12 Feb 2020 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.5	17.2	25.8



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

