

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052119\
 Data File : BF114459.D
 Acq On : 21 May 2019 16:44
 Operator : JU/SJ
 Sample : K2880-04RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 21 17:09:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

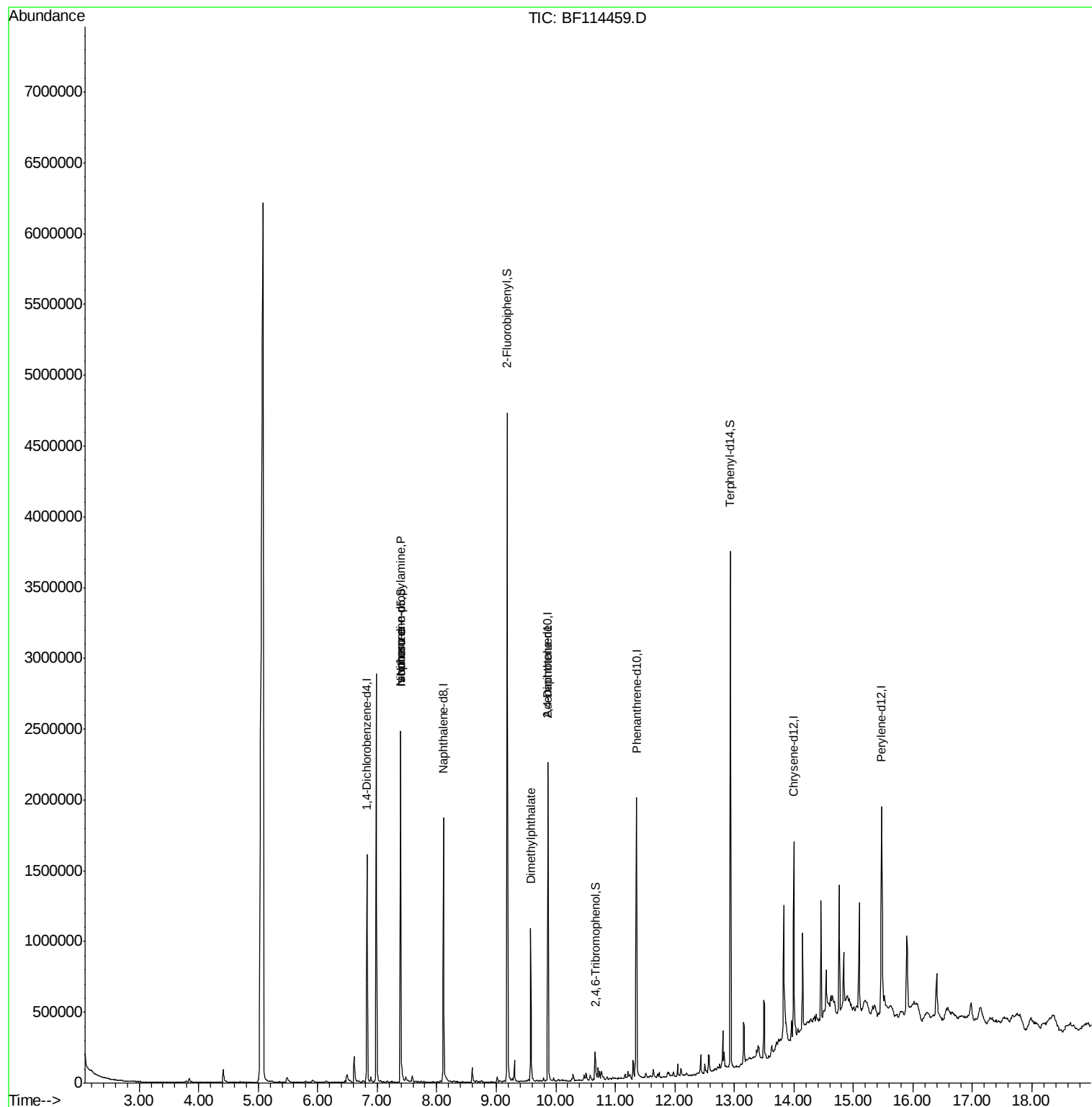
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	228415	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	912201	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	435864	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	796052	20.00	ng	0.00
76) Chrysene-d12	14.00	240	471989	20.00	ng	0.00
87) Perylene-d12	15.48	264	472143	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	25187	1.77	ng	0.02
7) Phenol-d6	6.49	99	30160	1.80	ng	0.00
23) Nitrobenzene-d5	7.39	82	762896	46.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	28525	6.33	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1420852	49.31	ng	0.00
79) Terphenyl-d14	12.93	244	1208863	52.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	100686	9.462	ng	# 75
25) Isophorone	7.39	82	762888	25.307	ng	# 65
50) Dimethylphthalate	9.58	163	426754	13.338	ng	100
57) 2,4-Dinitrotoluene	9.87	165	56249	5.840	ng	# 25

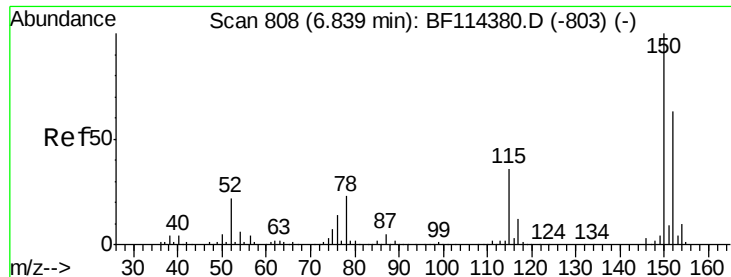
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration



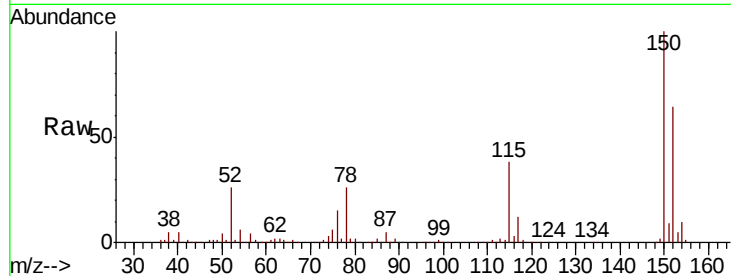


#1

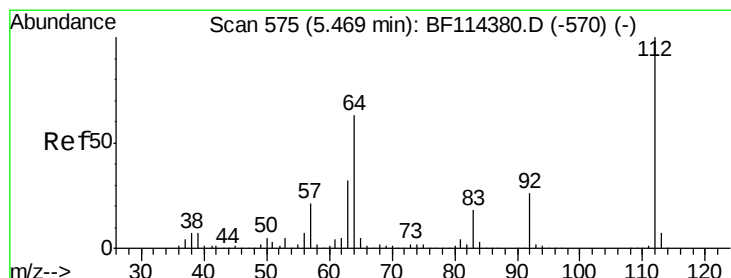
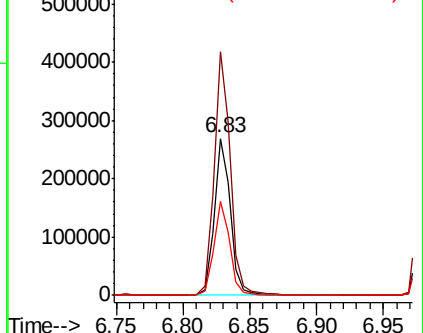
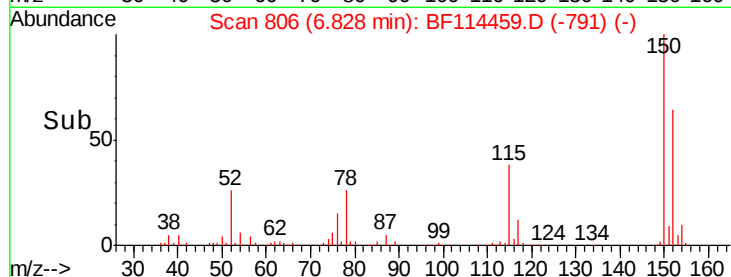
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114459.D
Acq: 21 May 2019 16:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 228415
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 59.6 49.1 73.7



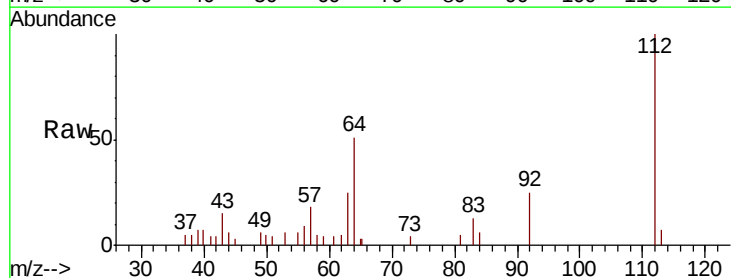
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



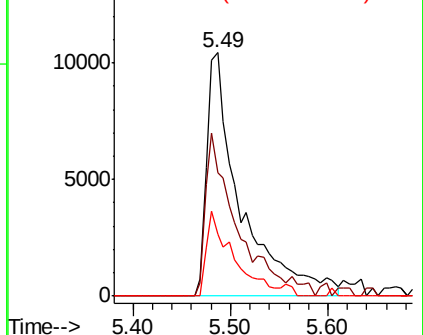
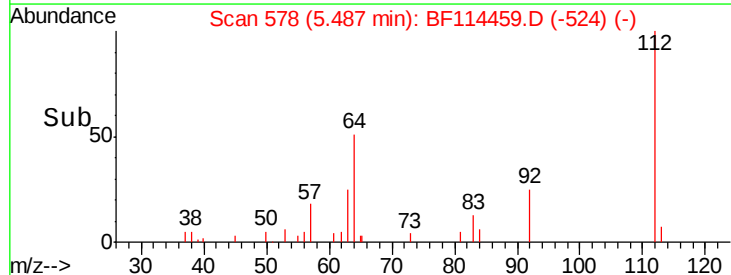
#5

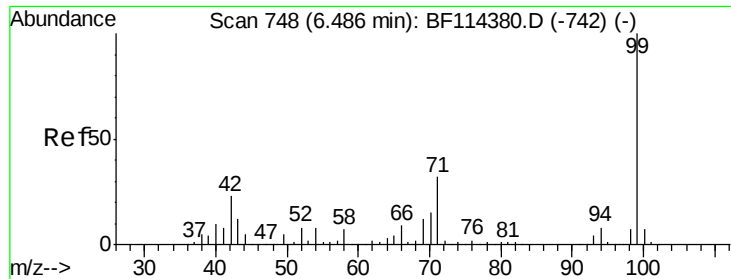
2-Fluorophenol
Concen: 1.775 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF114459.D
Acq: 21 May 2019 16:44

Tgt Ion:112 Resp: 25187
Ion Ratio Lower Upper
112 100
64 50.8 49.0 73.6
63 25.2 24.6 37.0



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: 1.797 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF114459.D

Acq: 21 May 2019 16:44

Instrument :

BNA_E

ClientSampled :

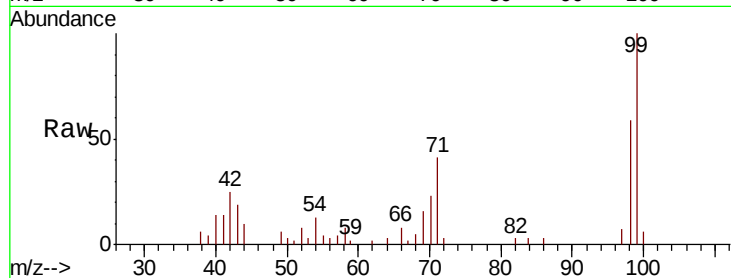
Tot Ion: 99 Resp: 30160

Ion Ratio Lower Upper

99 100

42 25.0 17.9 26.9

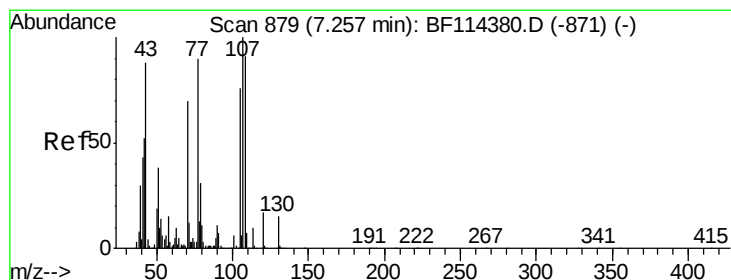
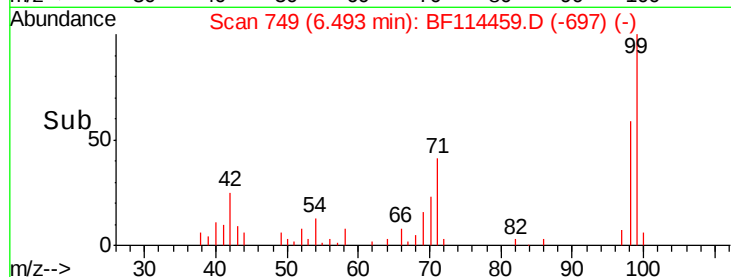
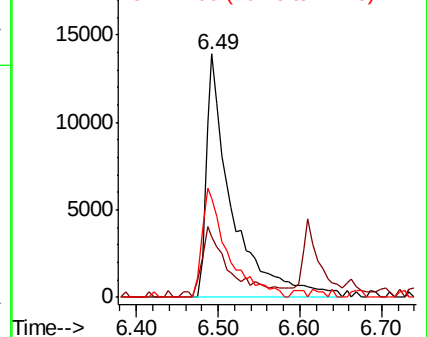
71 40.7 26.2 39.2#



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: 9.462 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF114459.D

Acq: 21 May 2019 16:44

Tgt Ion: 70 Resp: 100686

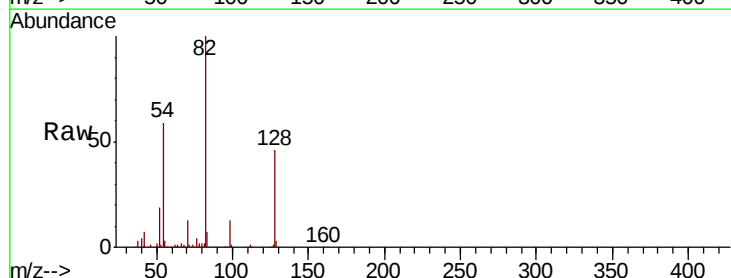
Ion Ratio Lower Upper

70 100

42 56.7 58.6 87.8#

101 0.0 7.8 11.8#

130 1.9 17.1 25.7#

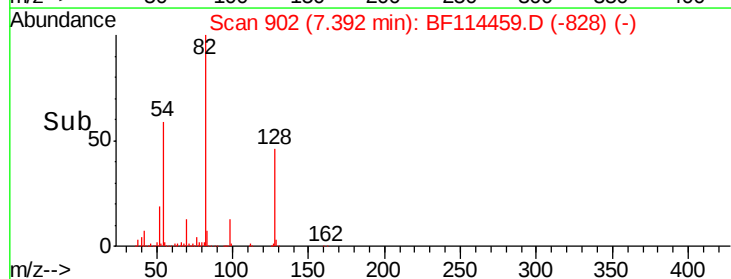
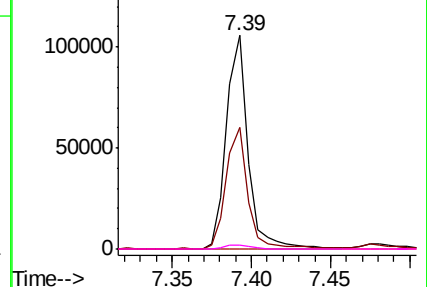


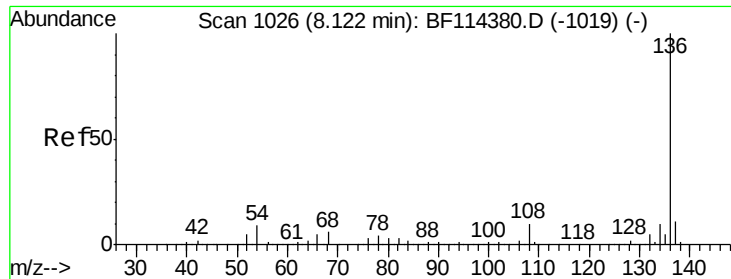
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

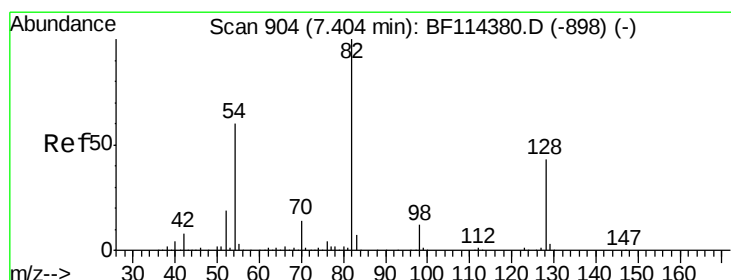
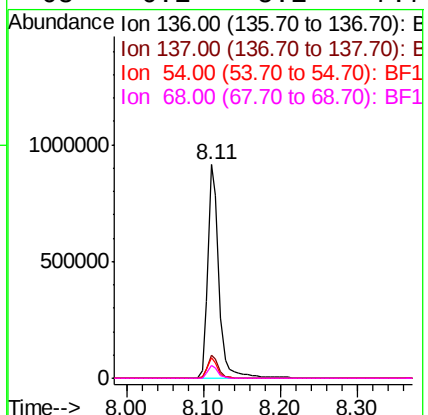
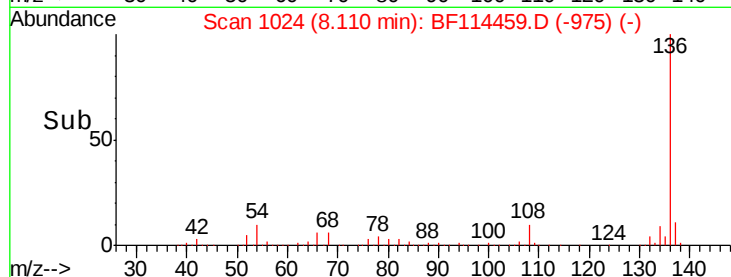
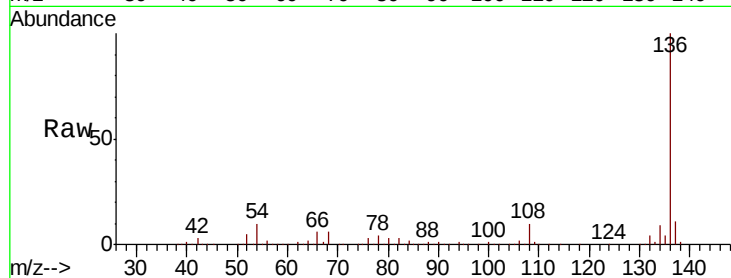




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114459.D
Acq: 21 May 2019 16:44

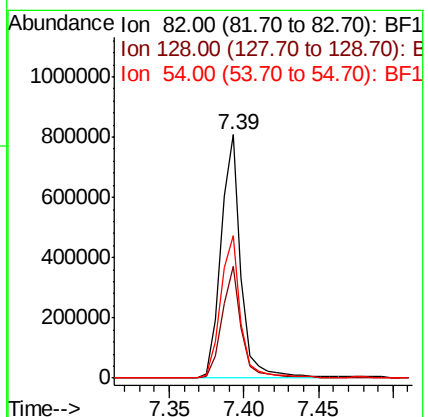
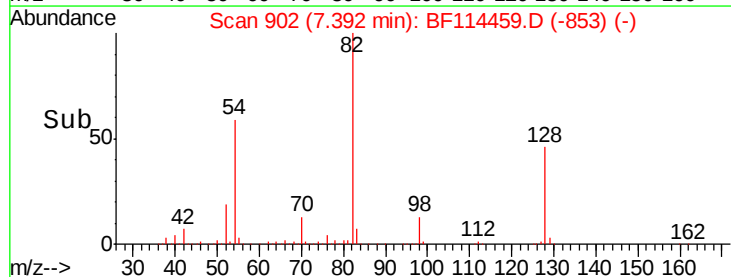
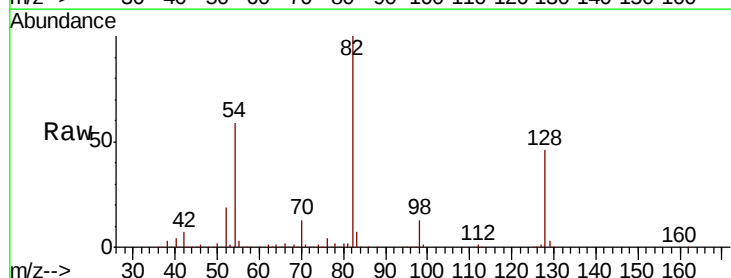
Instrument :
BNA_E
ClientSampled :

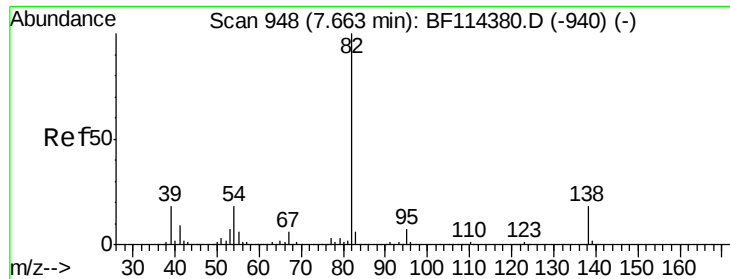
Tot Ion:136	Resp:	912201
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	9.7	7.8 11.8
68	6.1	5.1 7.7



#23
Nitrobenzene-d5
Concen: 46.935 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114459.D
Acq: 21 May 2019 16:44

Tgt Ion: 82	Resp:	762896
Ion Ratio	Lower	Upper
82	100	
128	45.8	35.5 53.3
54	58.6	48.5 72.7

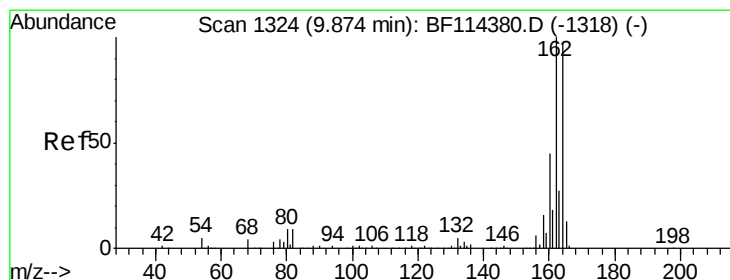
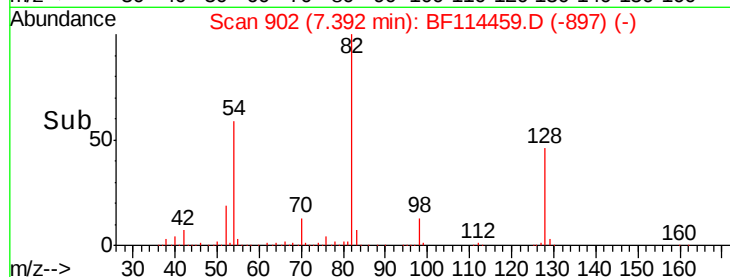
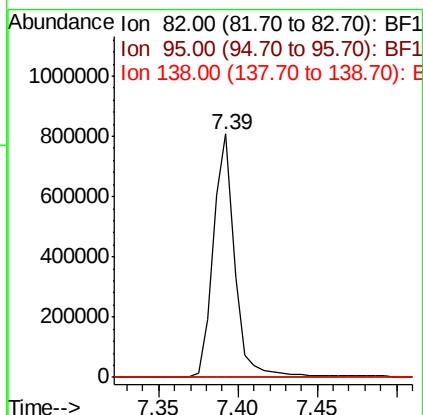
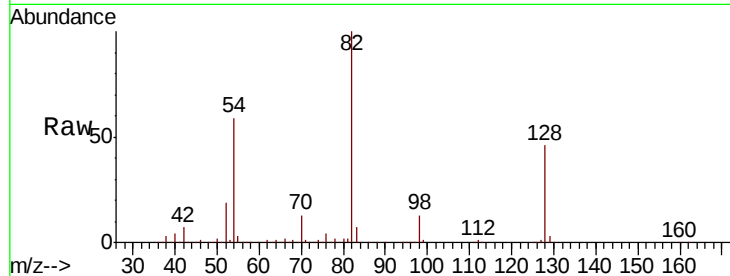




#25
Isophorone
Concen: 25.307 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.27 min
Lab File: BF114459.D
Acq: 21 May 2019 16:44

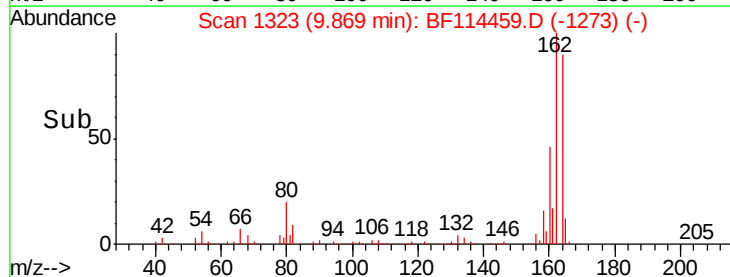
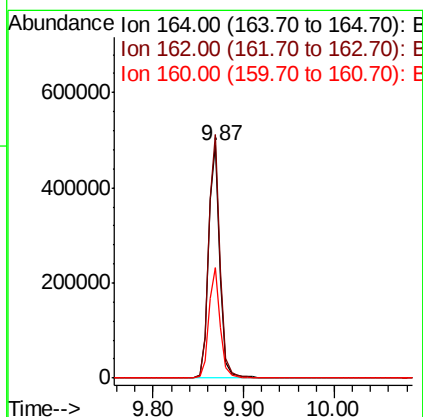
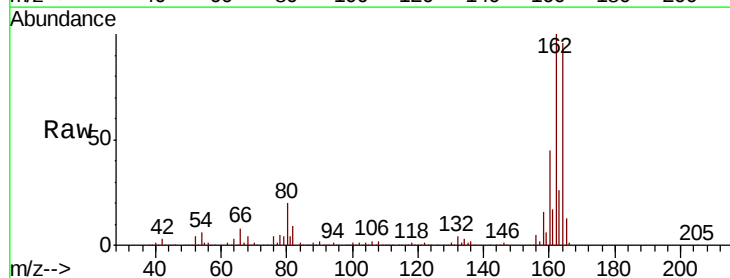
Instrument :
BNA_E
ClientSampled :

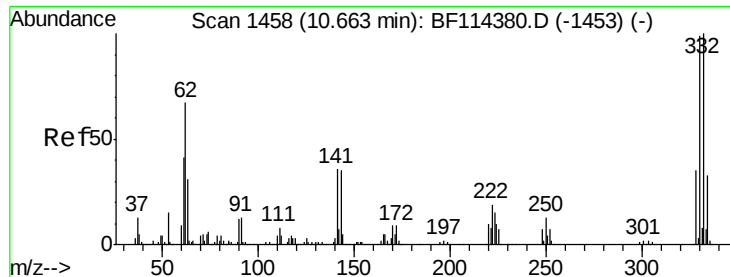
Tot Ion: 82 Resp: 762888
Ion Ratio Lower Upper
82 100
95 0.2 5.6 8.4#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114459.D
Acq: 21 May 2019 16:44

Tgt Ion:164 Resp: 435864
Ion Ratio Lower Upper
164 100
162 104.3 80.6 120.8
160 47.4 36.5 54.7

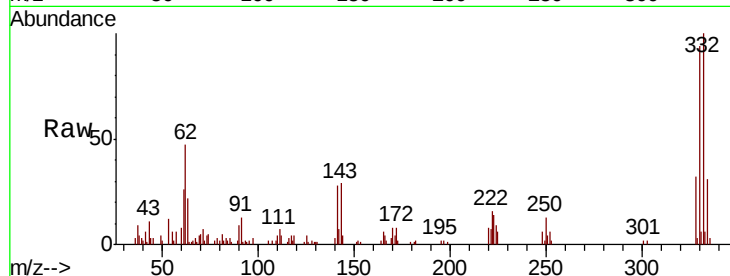




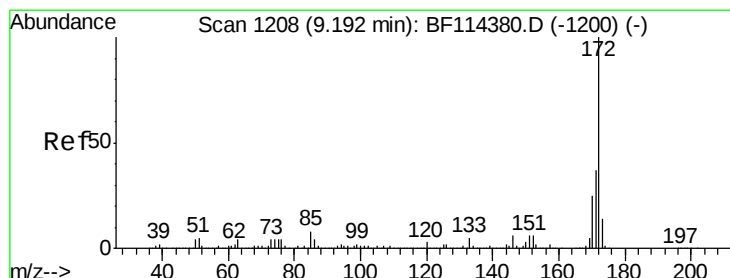
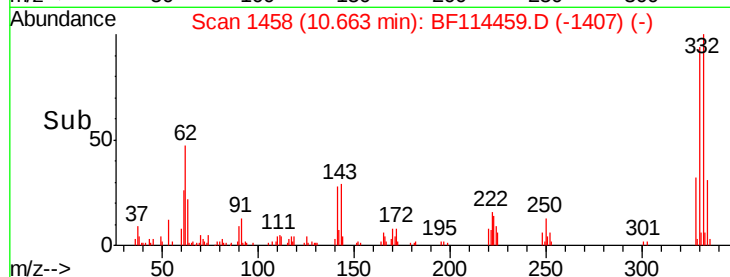
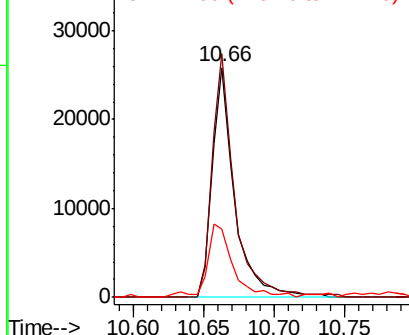
#42
 2,4,6-Tribromophenol
 Concen: 6.330 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114459.D
 Acq: 21 May 2019 16:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.5	81.4	122.2
141	37.0	26.6	40.0

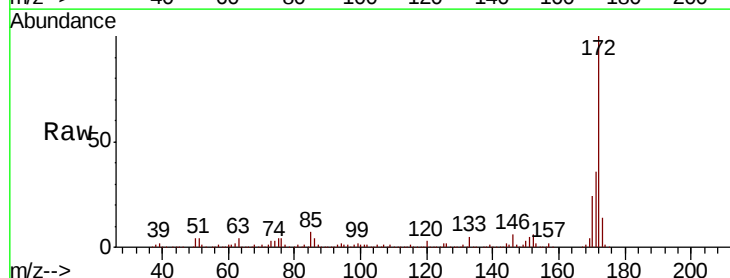


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

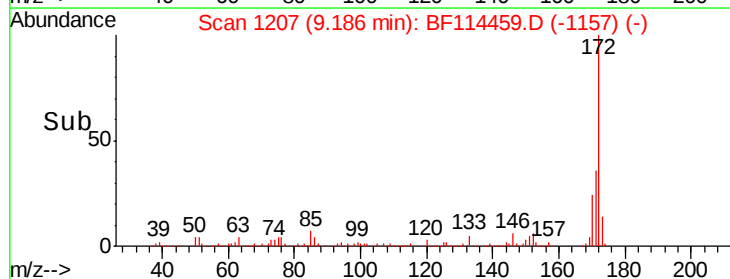
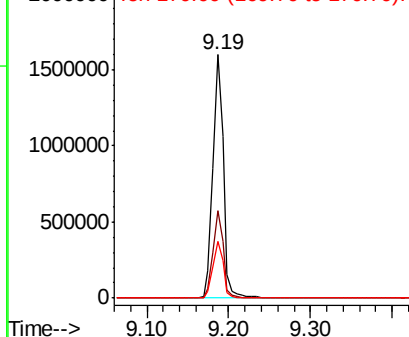


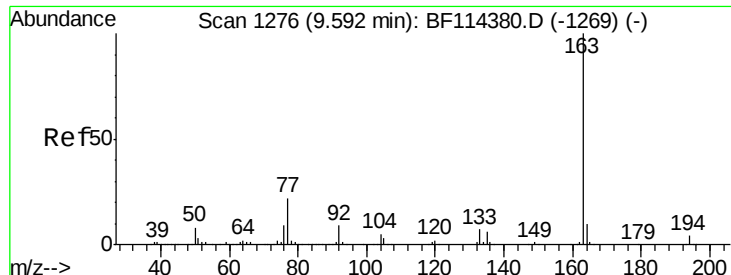
#45
 2-Fluorobiphenyl
 Concen: 49.311 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114459.D
 Acq: 21 May 2019 16:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	23.5	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

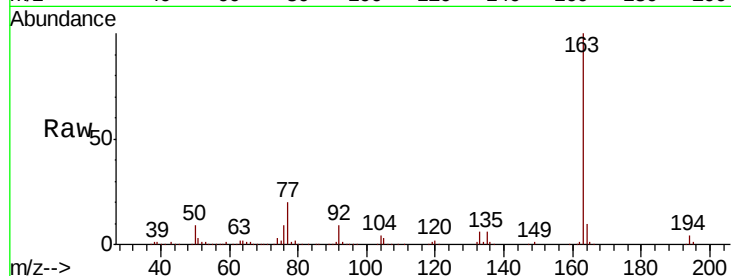




#50
Dimethylphthalate
Concen: 13.338 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114459.D
Acq: 21 May 2019 16:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.2	8.2	12.2

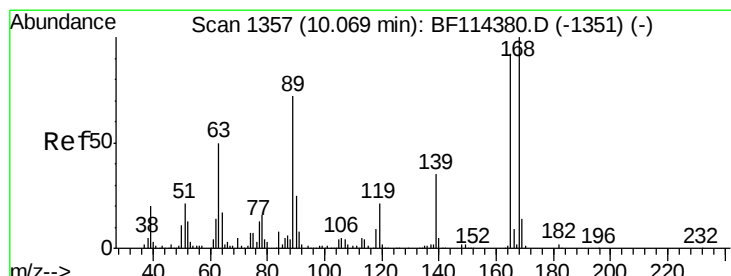
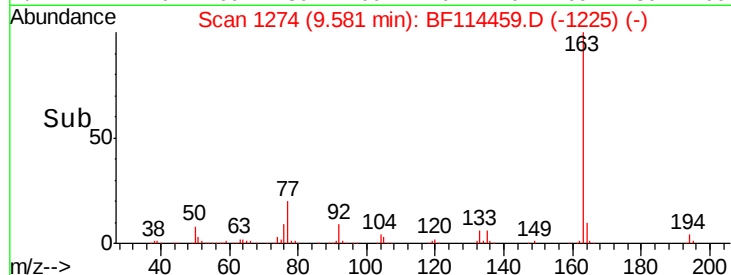
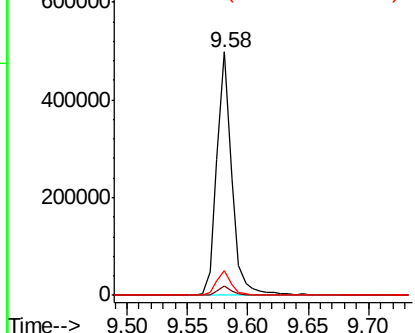


Abundance

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: 5.840 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.20 min
Lab File: BF114459.D
Acq: 21 May 2019 16:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.5	53.3#
89	1.1	55.2	82.8#
182	0.0	2.2	3.2#

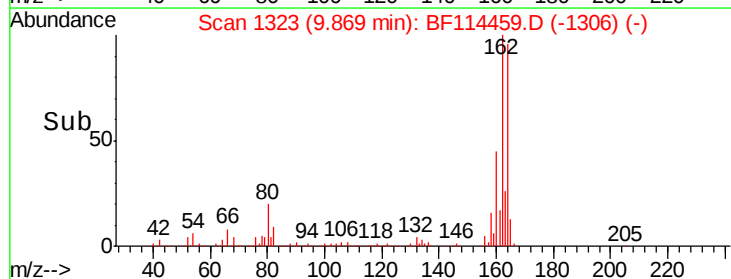
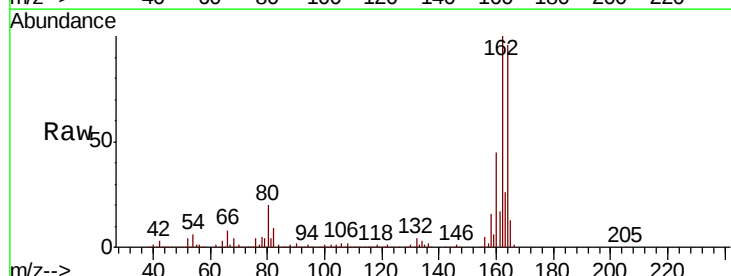
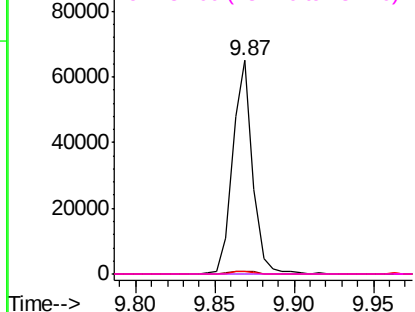
Abundance

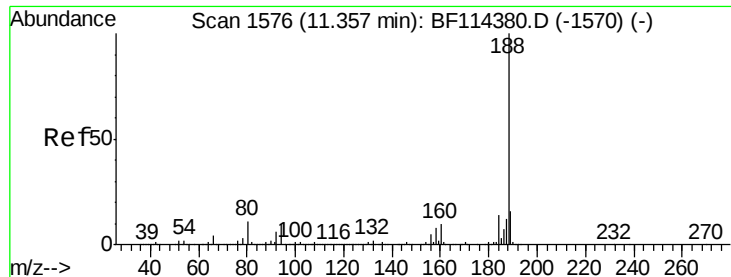
Ion 165.00 (164.70 to 165.70): E

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

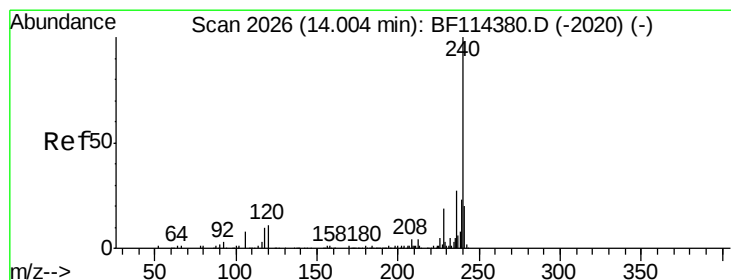
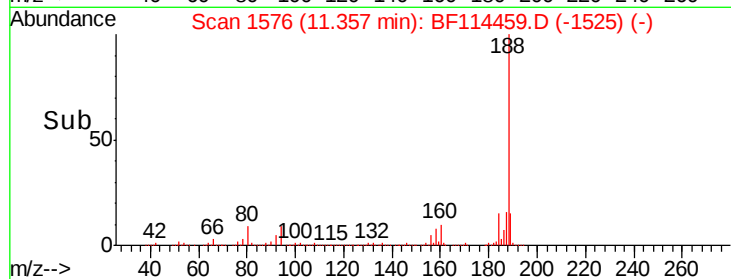
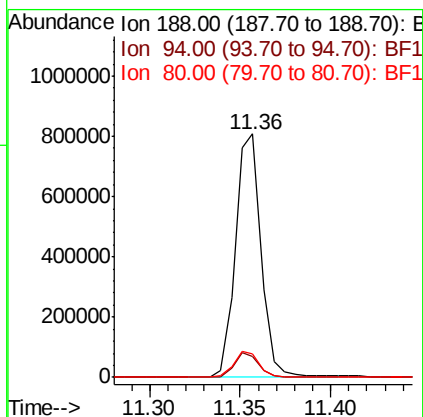
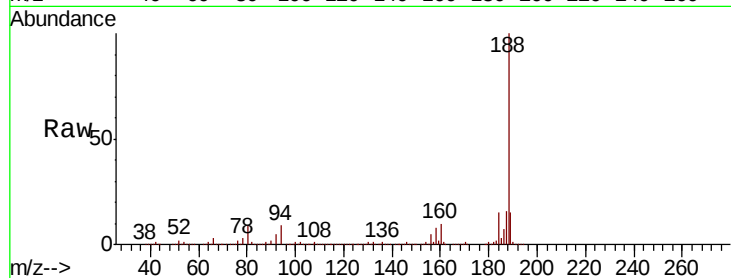




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114459.D
Acq: 21 May 2019 16:44

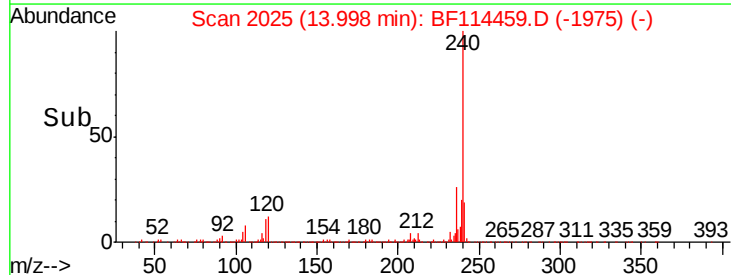
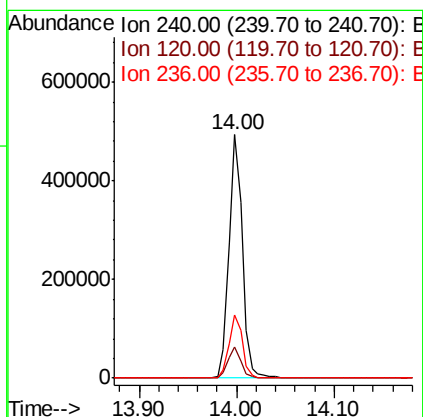
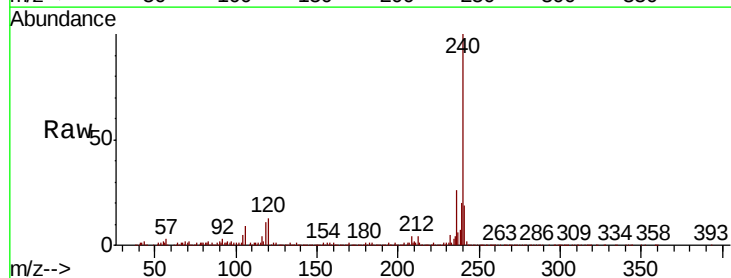
Instrument :
BNA_E
ClientSampled :

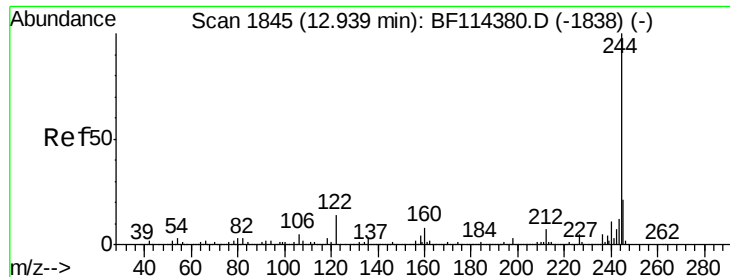
Tot Ion:188 Resp: 796052
Ion Ratio Lower Upper
188 100
94 8.8 8.4 12.6
80 9.4 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114459.D
Acq: 21 May 2019 16:44

Tgt Ion:240 Resp: 471989
Ion Ratio Lower Upper
240 100
120 12.6 8.3 12.5#
236 25.9 20.8 31.2

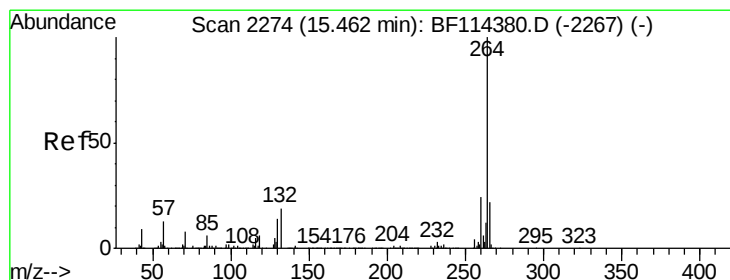
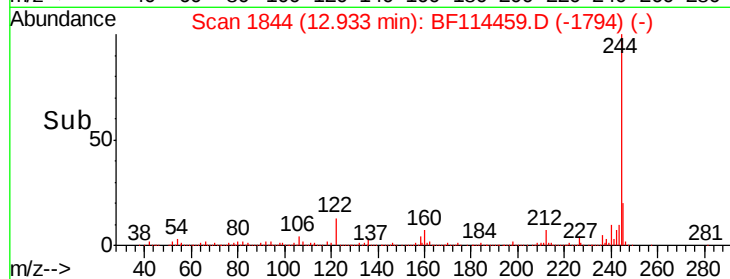
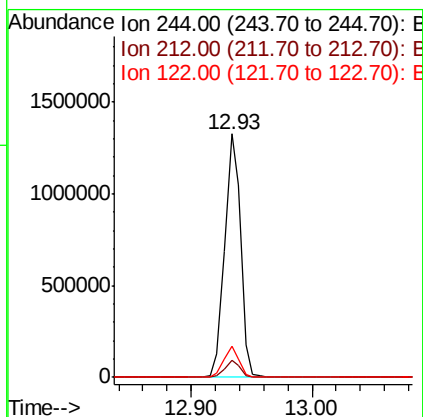
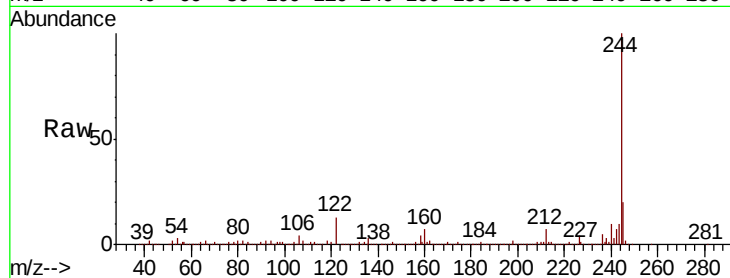




#79
 Terphenyl-d14
 Concen: 52.798 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114459.D
 Acq: 21 May 2019 16:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 1208863
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.5 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.02 min
 Lab File: BF114459.D
 Acq: 21 May 2019 16:44

Tgt Ion:264 Resp: 472143
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 22.0 16.9 25.3

