

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114375.D
 Acq On : 18 May 2019 3:22
 Operator : JU/SJ
 Sample : K2894-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:09:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

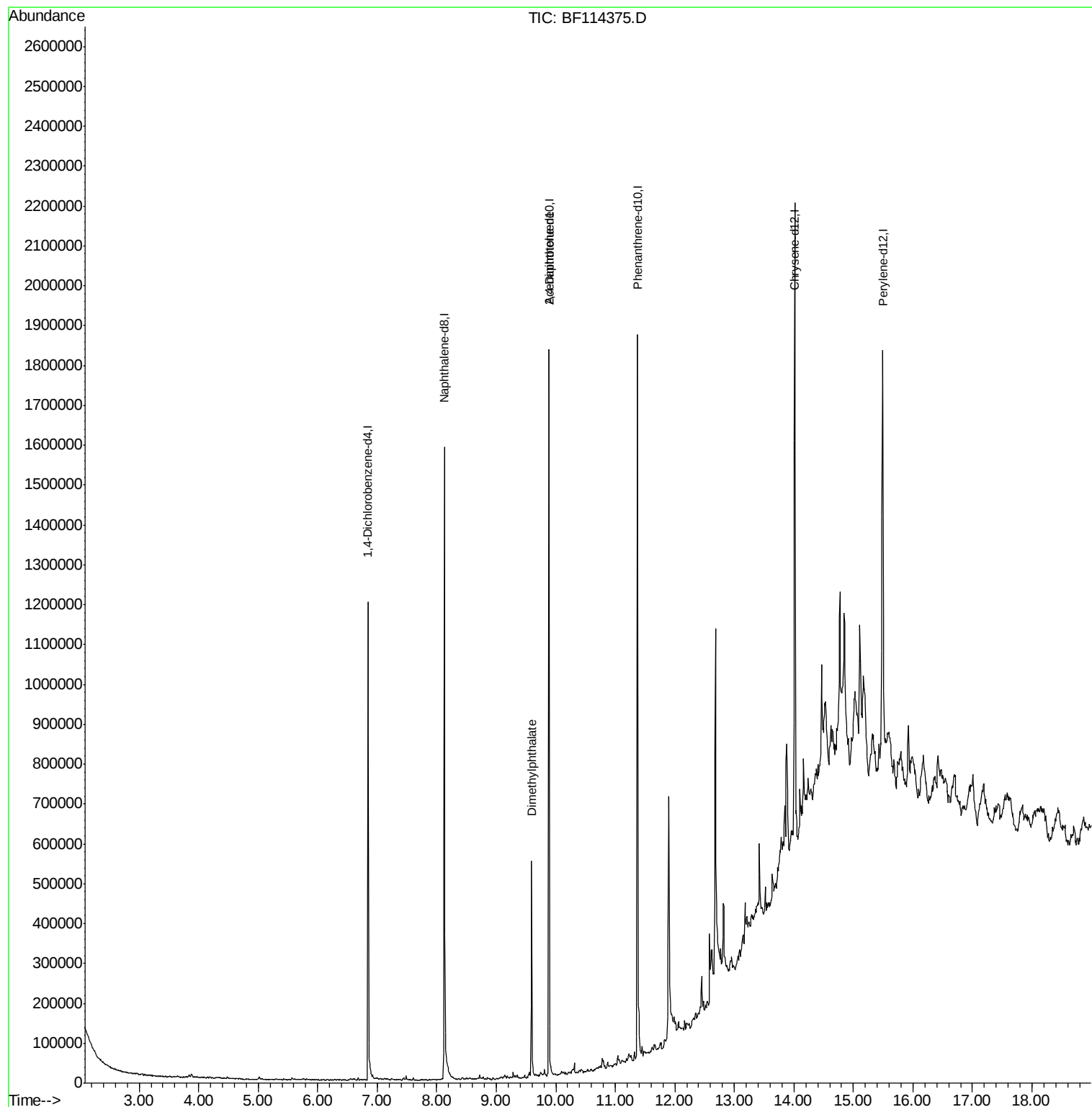
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	190219	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	782812	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	368411	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	698379	20.00	ng	0.00
76) Chrysene-d12	14.02	240	516972	20.00	ng	0.00
87) Perylene-d12	15.49	264	416834	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.49	82	228	0.02	ng	0.08
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	12.95	244	3921	0.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	221766	8.200	ng	Qvalue 100
57) 2,4-Dinitrotoluene	9.89	165	47206	5.798	ng	# 25

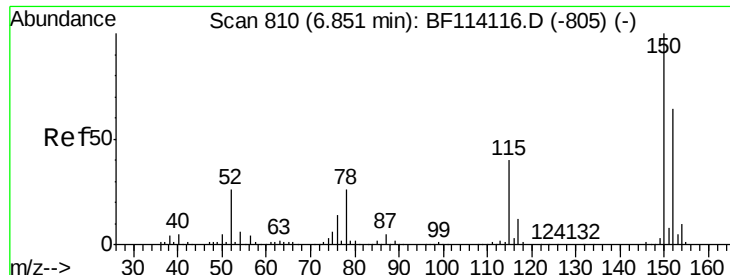
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF114375.D

Acq: 18 May 2019 3:22

Instrument :

BNA_F

ClientSampleId :

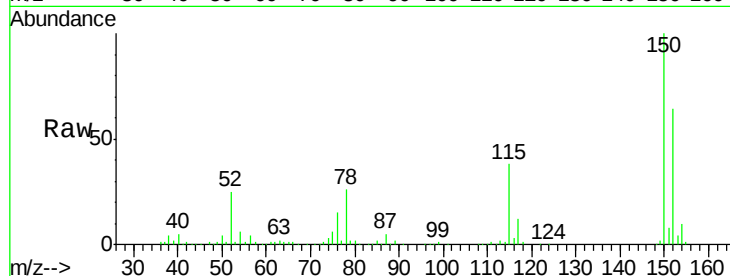
Tot Ion:152 Resp: 190219

Ion Ratio Lower Upper

152 100

150 156.6 124.3 186.5

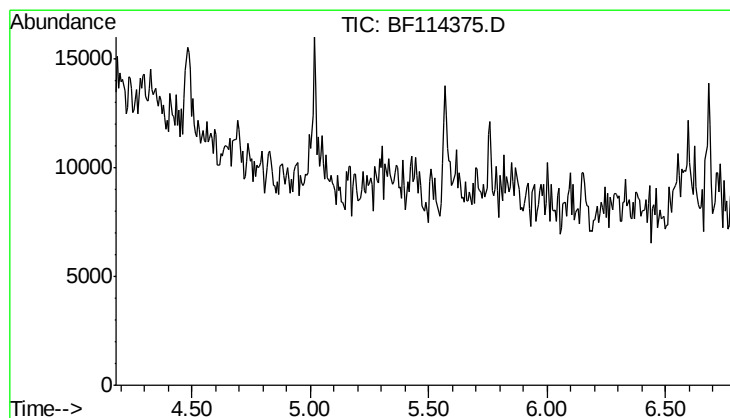
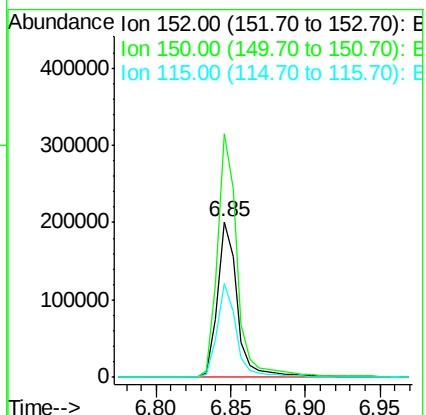
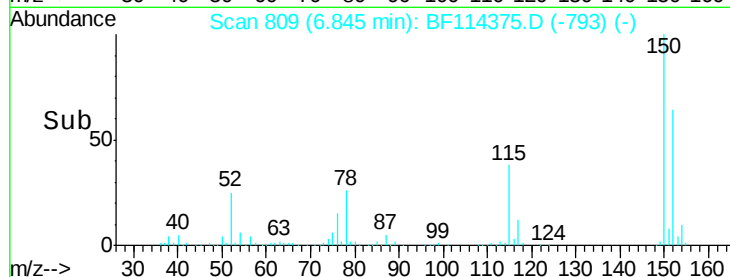
115 60.2 49.1 73.7



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: 0.000 ng

Expected RT: 5.48 min

Lab File: BF114375.D

Acq: 18 May 2019 3:22

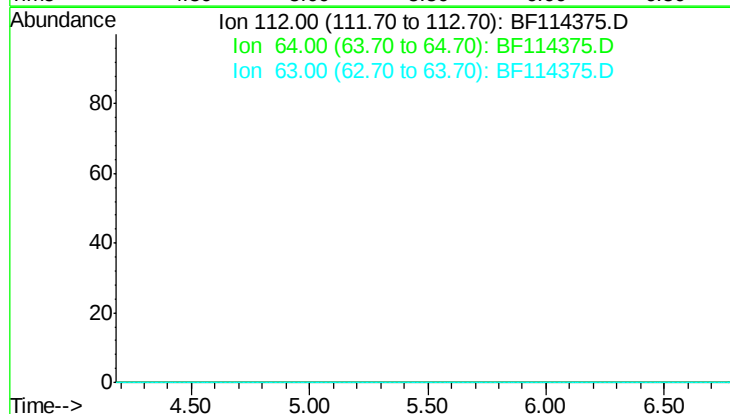
Tgt Ion: 112

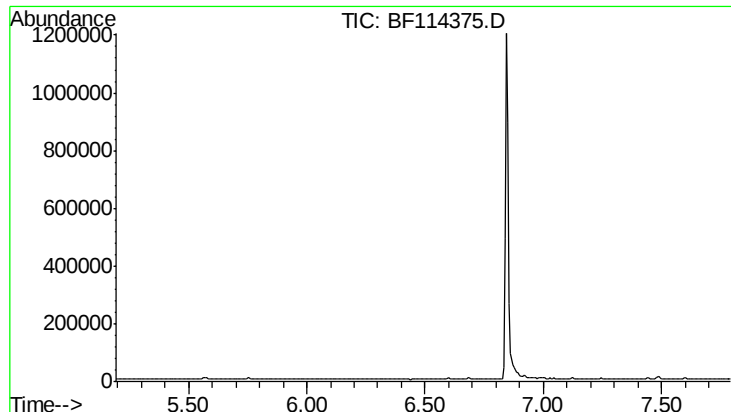
Sig Exp Ratio

112 100

64 61.3

63 30.8

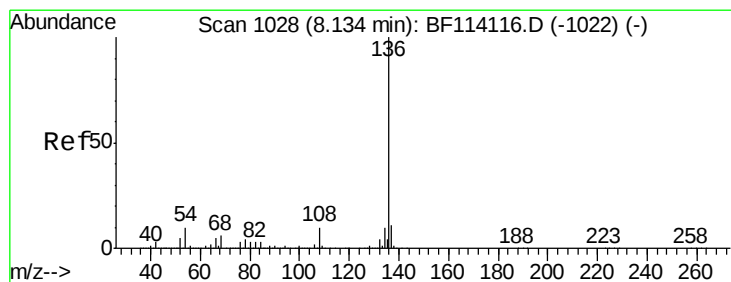
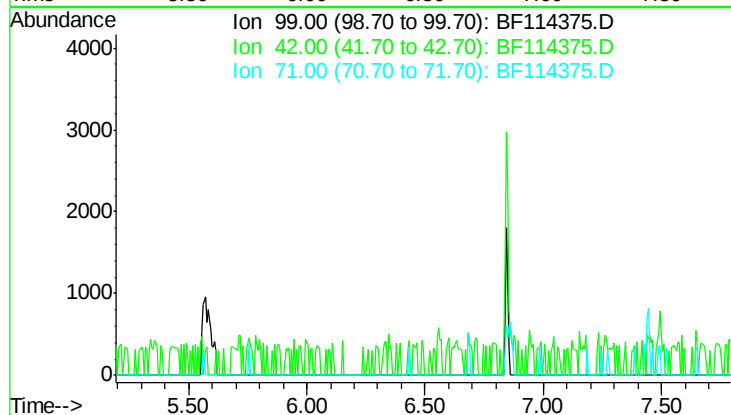




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF114375.D
 Acq: 18 May 2019 3:22

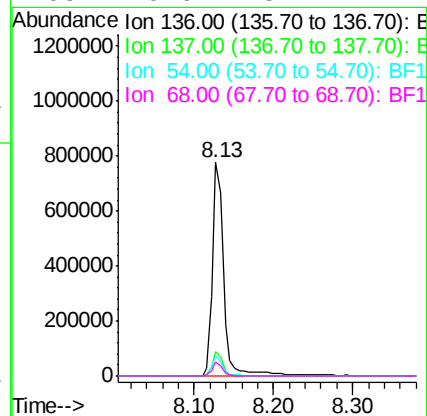
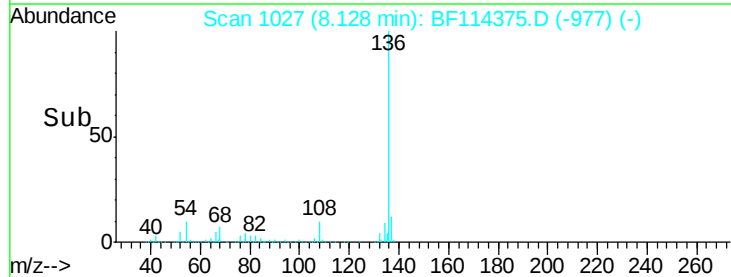
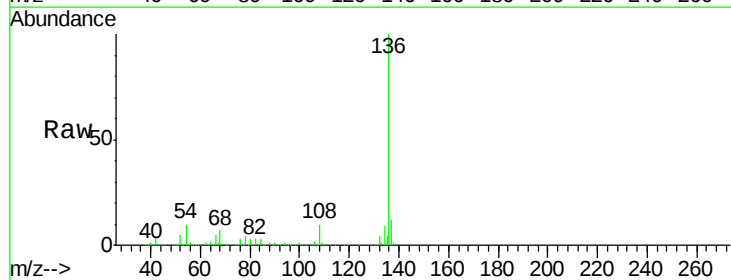
Instrument :
 BNA_F
 ClientSampleId :

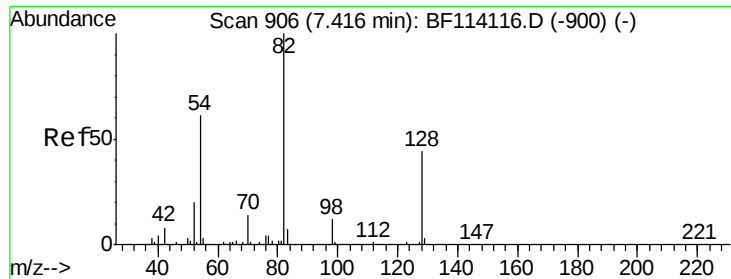
Tot Ion	99
Sig	Exp Ratio
99	100
42	22.4
71	32.7



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF114375.D
 Acq: 18 May 2019 3:22

Tgt Ion	136	Resp	782812
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.8	13.2
54	9.8	7.8	11.8
68	6.6	5.1	7.7

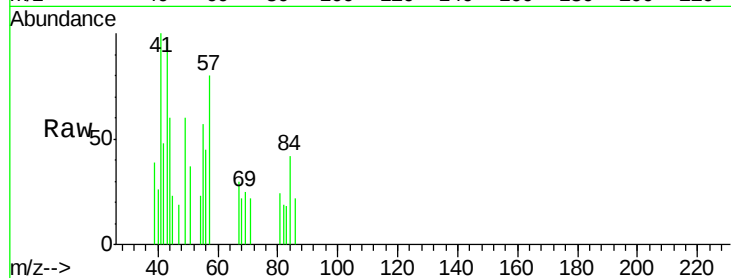




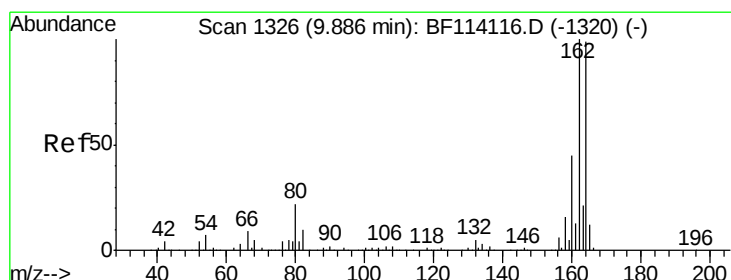
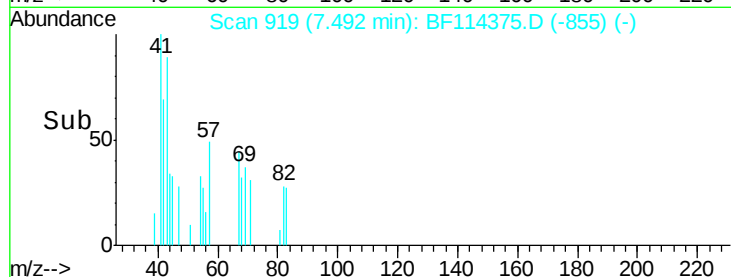
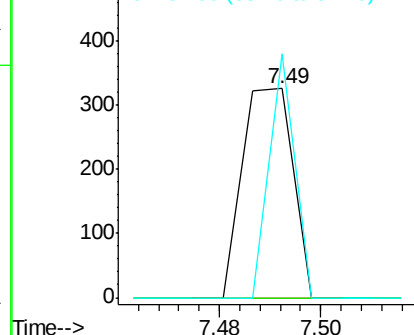
#23
 Nitrobenzene-d5
 Concen: 0.016 ng
 RT: 7.49 min Scan# 919
 Delta R.T. 0.08 min
 Lab File: BF114375.D
 Acq: 18 May 2019 3:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 228
 Ion Ratio Lower Upper
 82 100
 128 0.0 35.5 53.3#
 54 116.6 48.5 72.7#

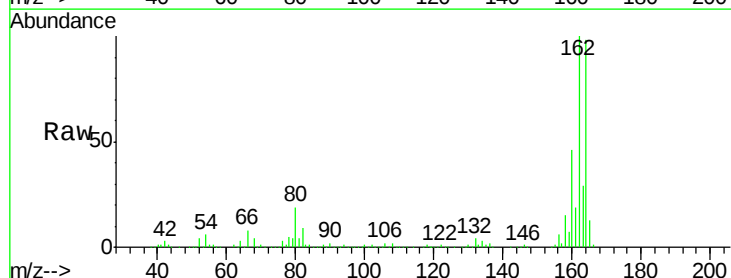


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

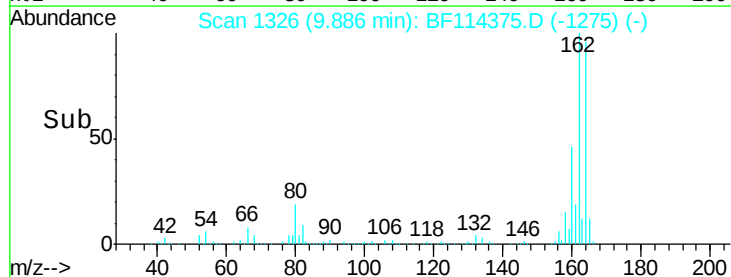
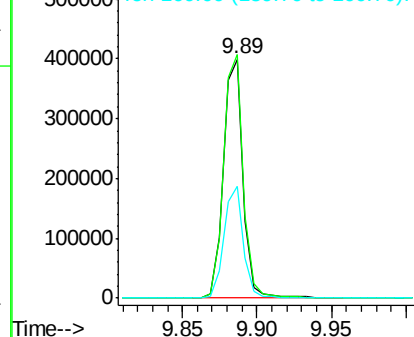


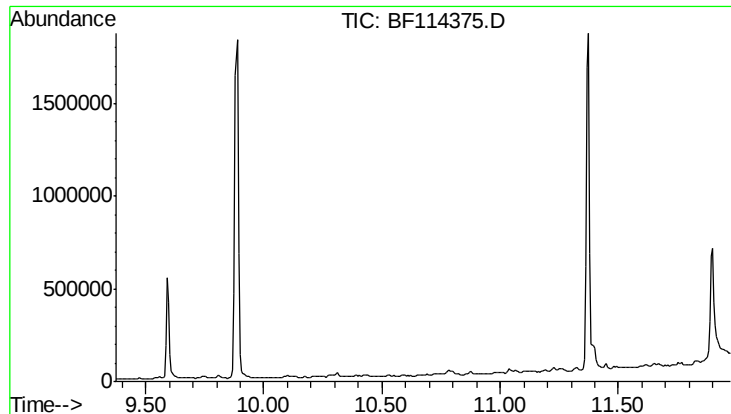
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114375.D
 Acq: 18 May 2019 3:22

Tgt Ion: 164 Resp: 368411
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.6 120.8
 160 46.9 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.67 min

Lab File: BF114375.D

Acq: 18 May 2019 3:22

Instrument :

BNA_F

ClientSampleId :

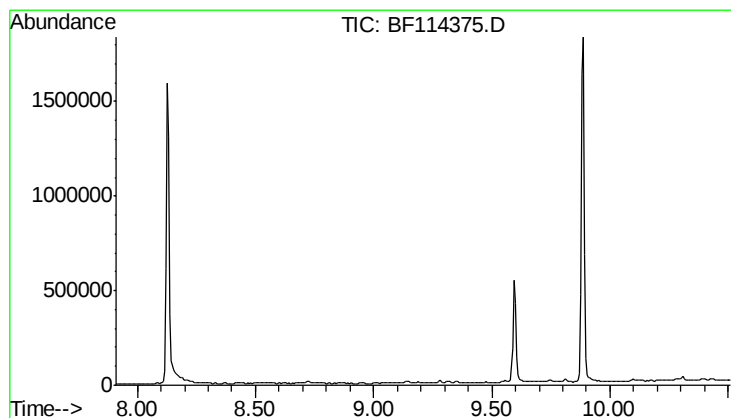
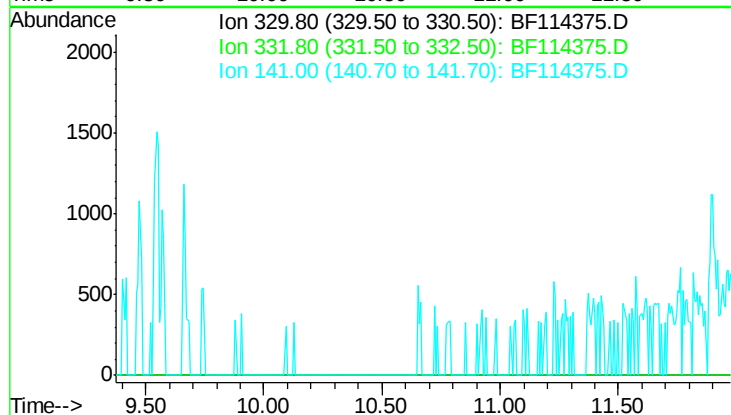
Tot Ion: 330

Sig Exp Ratio

330 100

332 101.8

141 33.3



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.21 min

Lab File: BF114375.D

Acq: 18 May 2019 3:22

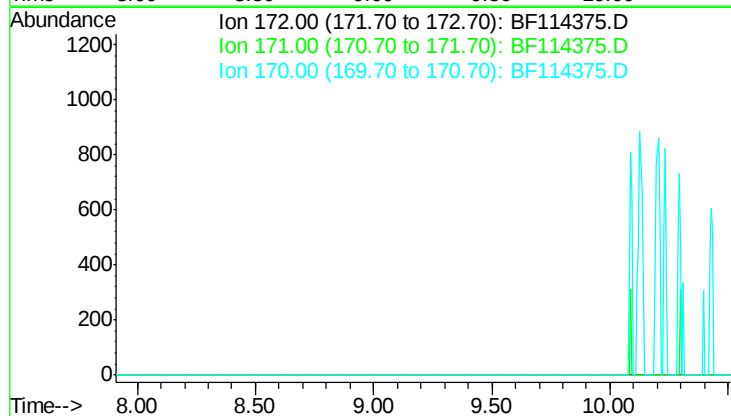
Tgt Ion: 172

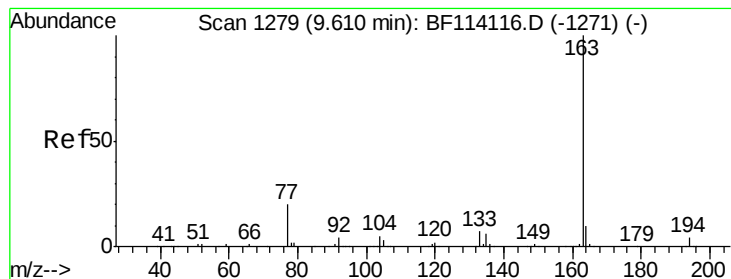
Sig Exp Ratio

172 100

171 38.4

170 25.6





#50

Dimethylphthalate

Concen: 8.200 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114375.D

Acq: 18 May 2019 3:22

Instrument :

BNA_F

ClientSampleId :

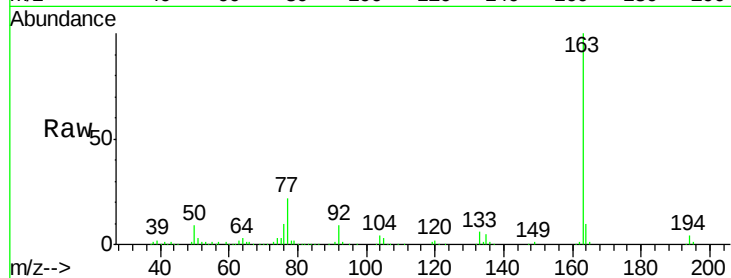
Tot Ion:163 Resp: 221766

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

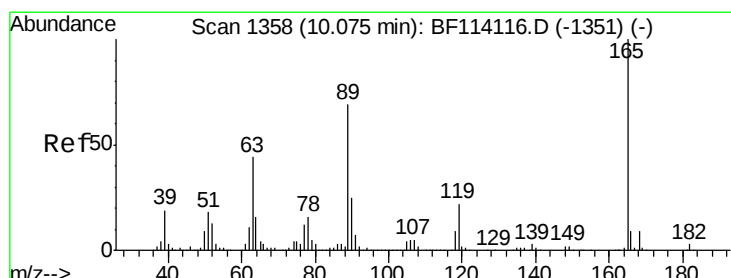
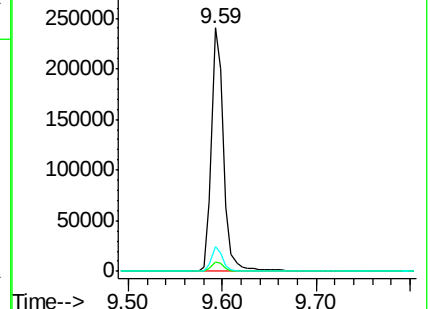
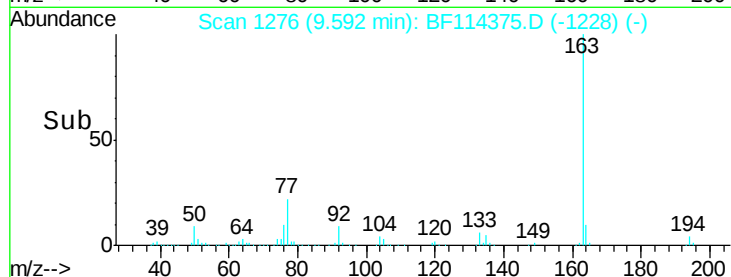
164 10.3 8.2 12.2



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: 5.798 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.19 min

Lab File: BF114375.D

Acq: 18 May 2019 3:22

Tgt Ion:165 Resp: 47206

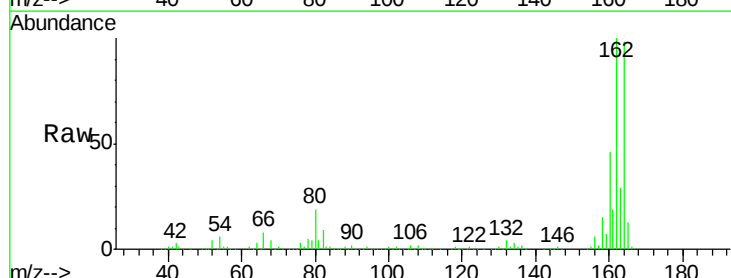
Ion Ratio Lower Upper

165 100

63 1.5 35.5 53.3#

89 1.4 55.2 82.8#

182 0.0 2.2 3.2#

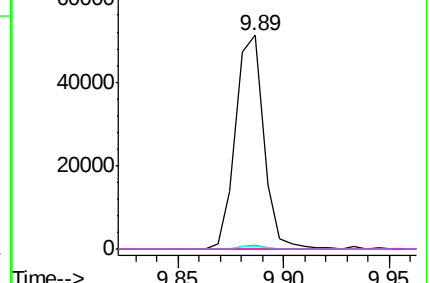
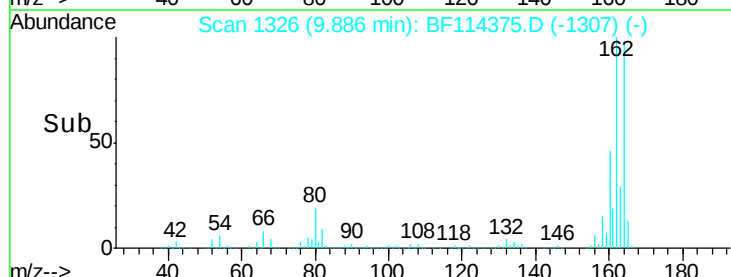


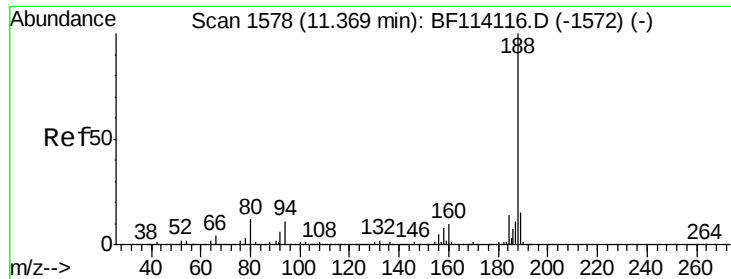
Abundance Ion 165.00 (164.70 to 165.70): E

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

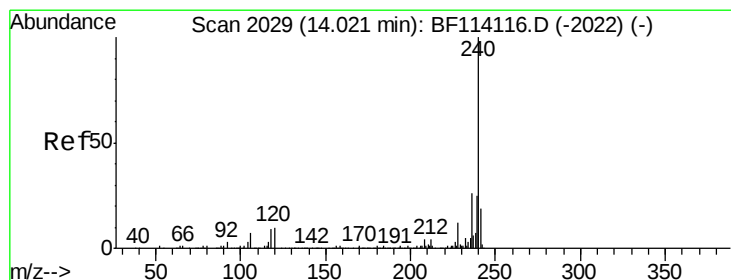
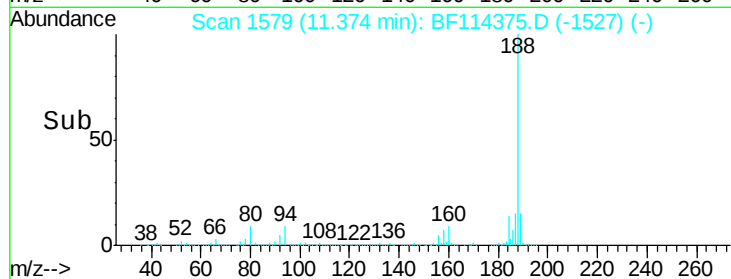
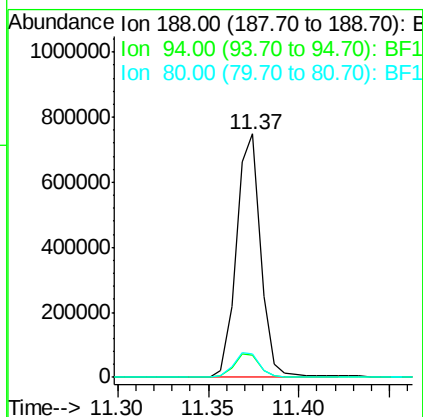
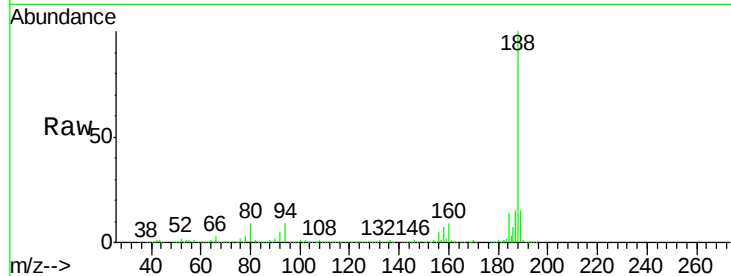




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114375.D
Acq: 18 May 2019 3:22

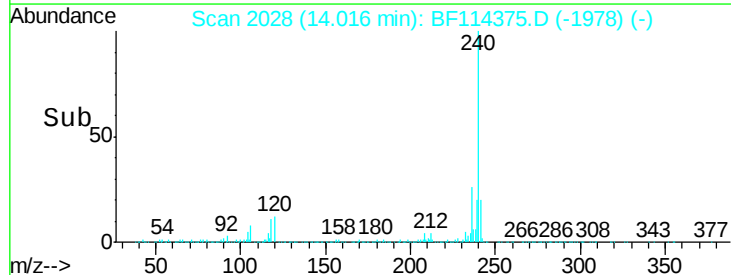
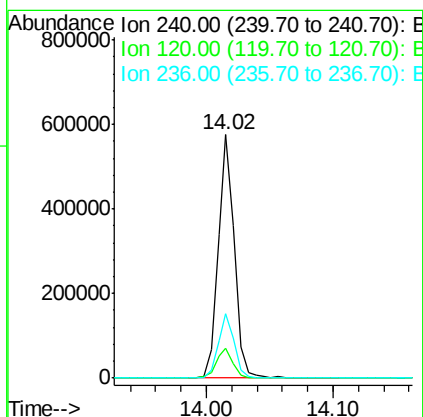
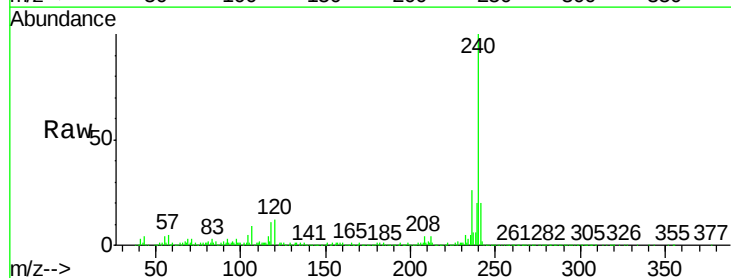
Instrument :
BNA_F
ClientSampleId :

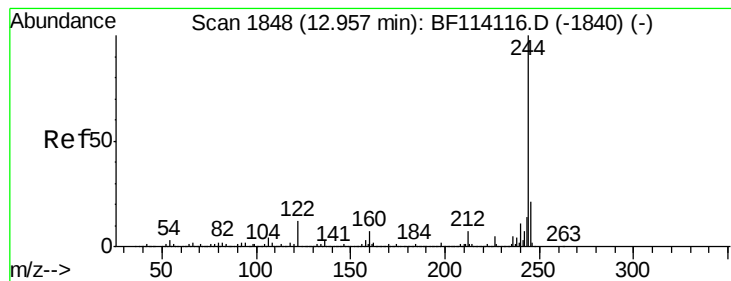
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.4	12.6
80	9.5	9.2	13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114375.D
Acq: 18 May 2019 3:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	26.3	20.8	31.2





#79

Terphenyl-d14

Concen: 0.156 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114375.D

Acq: 18 May 2019 3:22

Instrument :

BNA_F

ClientSampleId :

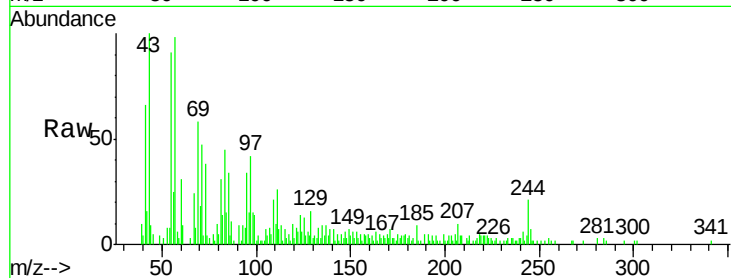
Tot Ion:244 Resp: 3921

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.6#

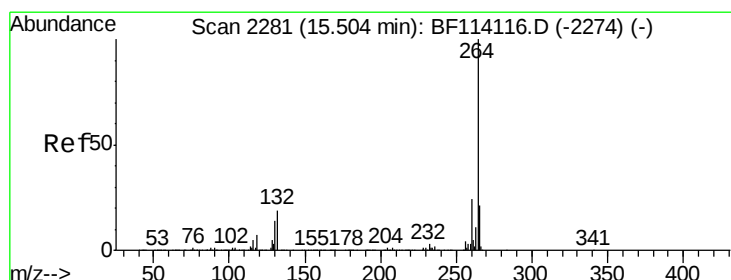
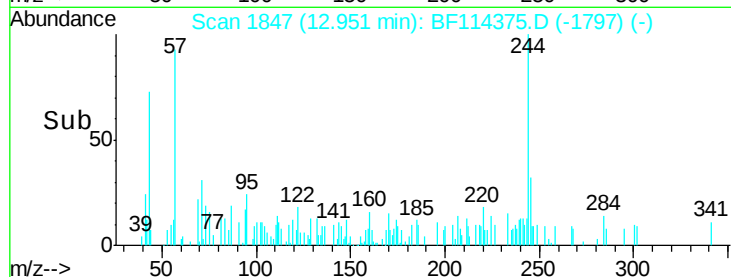
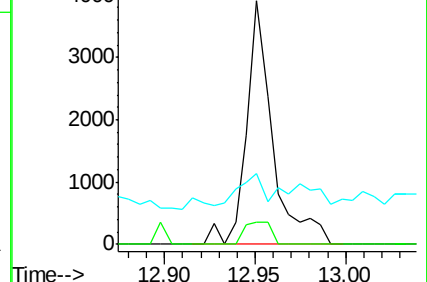
122 29.1 9.4 14.2#



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF114375.D

Acq: 18 May 2019 3:22

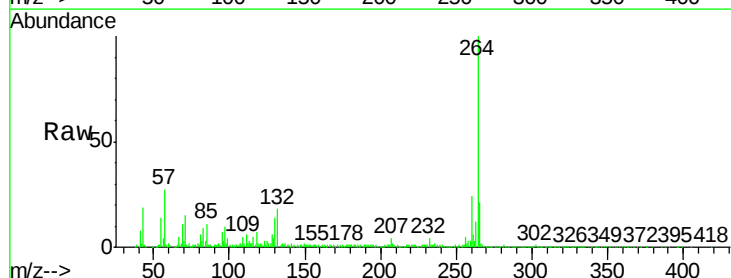
Tgt Ion:264 Resp: 416834

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.0 16.9 25.3



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

