

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114394.D
 Acq On : 18 May 2019 16:37
 Operator : JU/SJ
 Sample : K2880-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:10:27 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

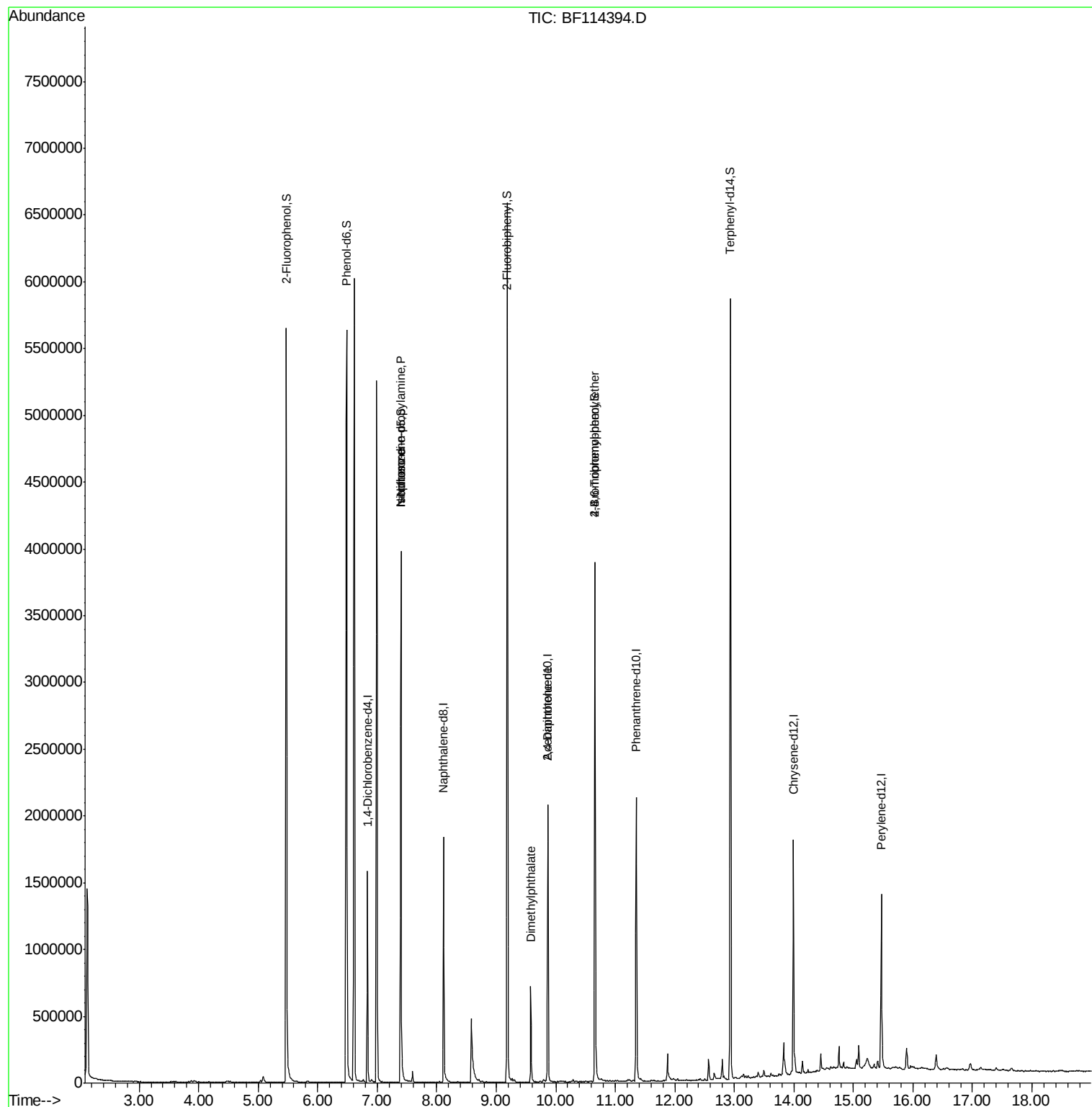
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	233154	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	893379	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	423962	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	853041	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	585397	20.00	ng	-0.03
87) Perylene-d12	15.47	264	555509	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1684165	116.24	ng	0.00
7) Phenol-d6	6.49	99	2218512	129.47	ng	0.00
23) Nitrobenzene-d5	7.40	82	1401421	88.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	515289	117.56	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2272398	81.08	ng	-0.02
79) Terphenyl-d14	12.93	244	2295356	80.83	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	184841	17.018	ng	# 77
25) Isophorone	7.40	82	1401414	47.468	ng	# 64
50) Dimethylphthalate	9.58	163	307894	9.893	ng	99
57) 2,4-Dinitrotoluene	9.87	165	54152	5.780	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	34305	3.652	ng	# 1

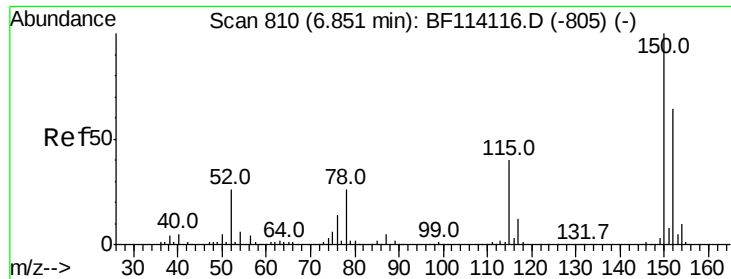
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: May 20 04:10:27 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



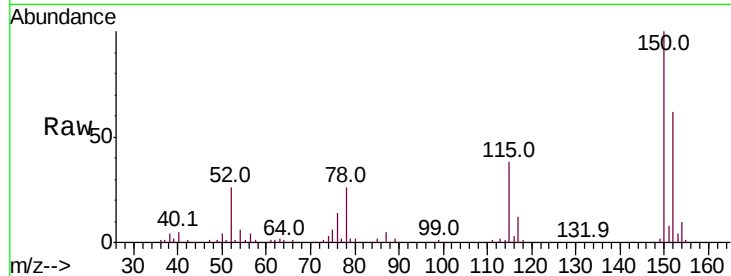


#1

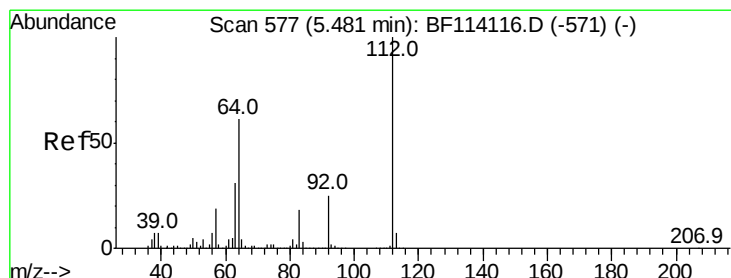
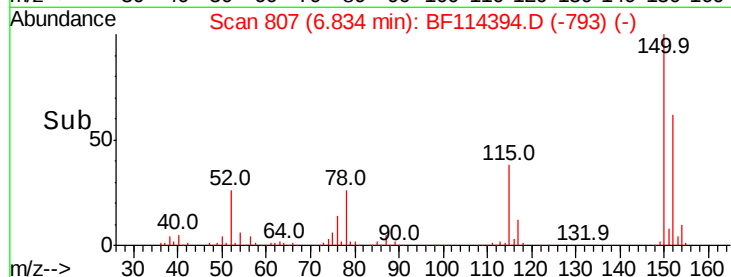
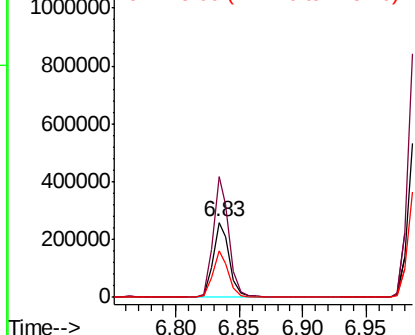
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114394.D
Acq: 18 May 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.3	186.5
115	62.0	49.1	73.7



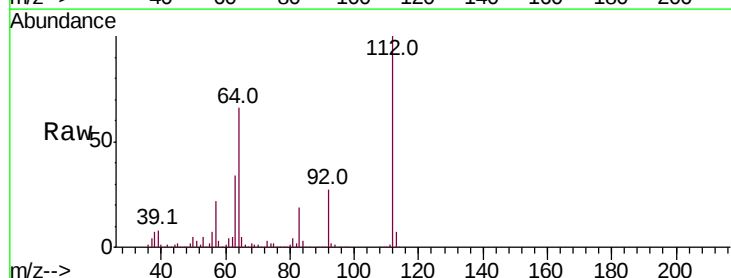
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



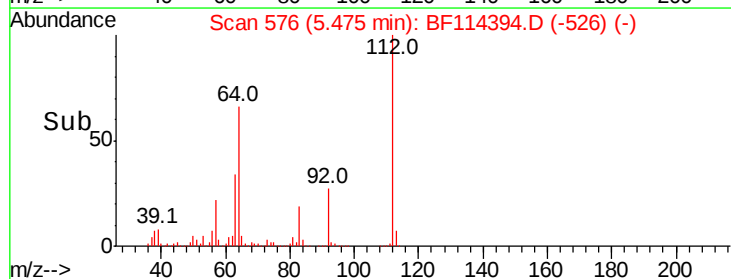
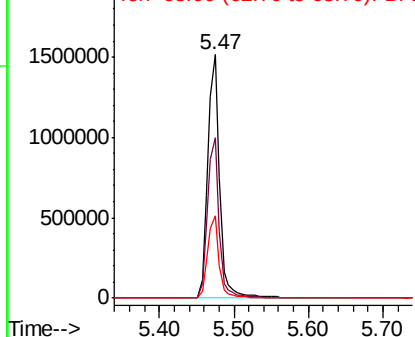
#5

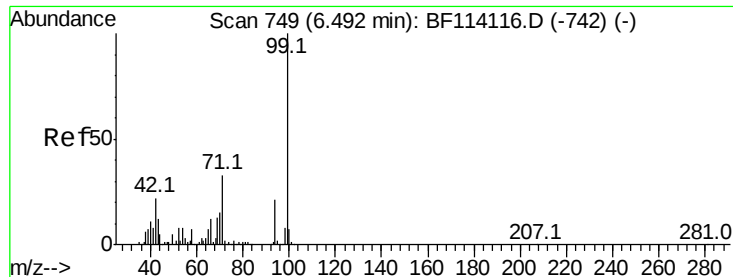
2-Fluorophenol
Concen: 116.243 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114394.D
Acq: 18 May 2019 16:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	49.0	73.6
63	34.0	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: 129.467 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114394.D

Acq: 18 May 2019 16:37

Instrument :

BNA_F

ClientSampled :

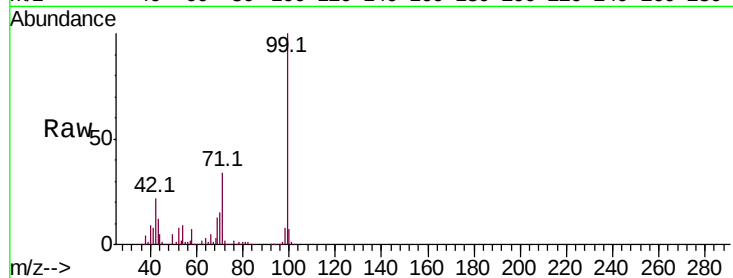
Tot Ion: 99 Resp: 2218512

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

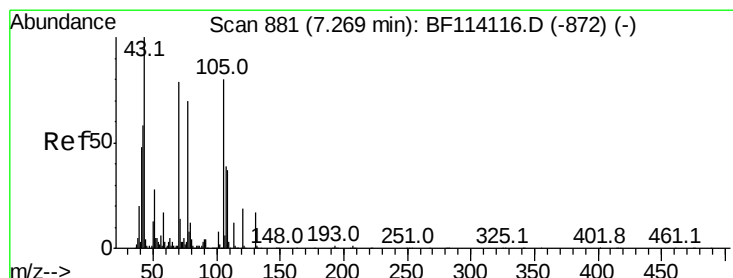
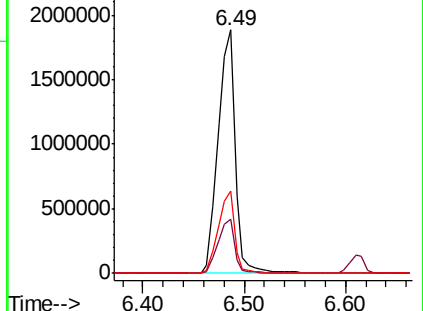
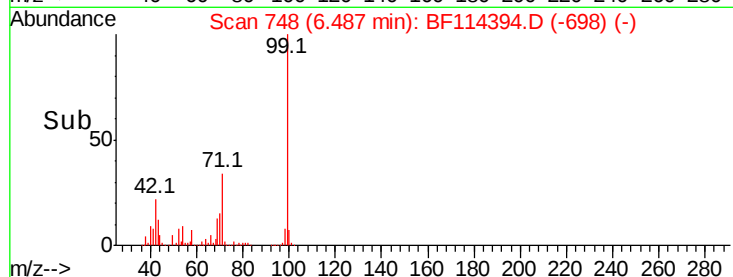
71 33.8 26.2 39.2



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: 17.018 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114394.D

Acq: 18 May 2019 16:37

Tgt Ion: 70 Resp: 184841

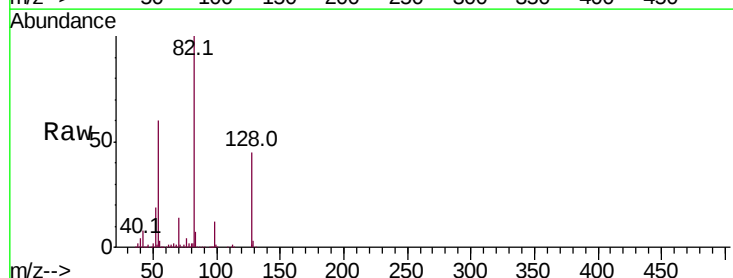
Ion Ratio Lower Upper

70 100

42 58.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#

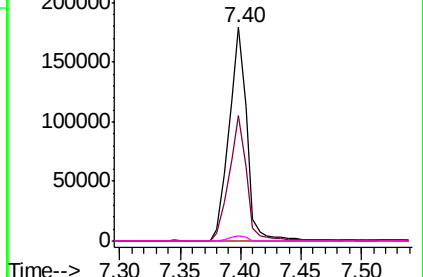
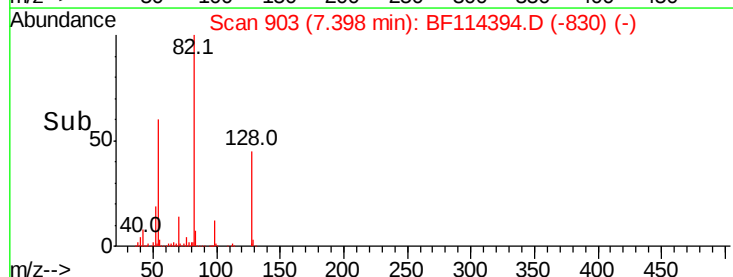


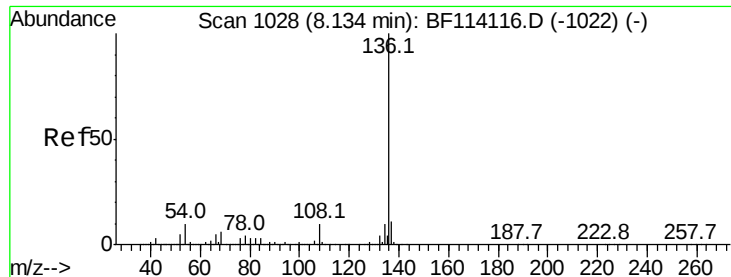
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

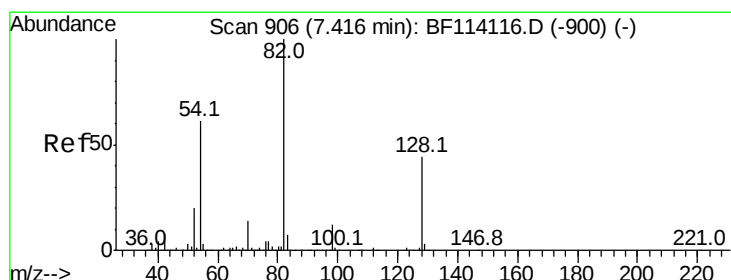
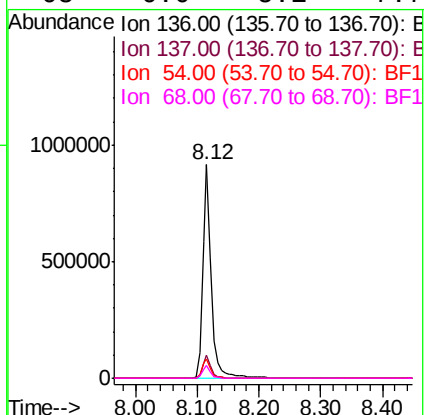
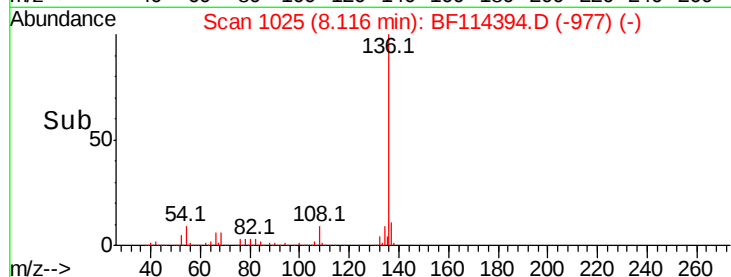
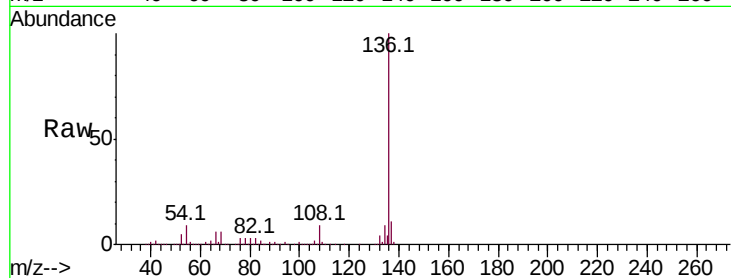




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114394.D
Acq: 18 May 2019 16:37

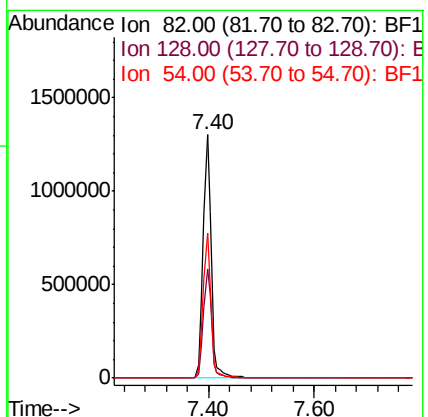
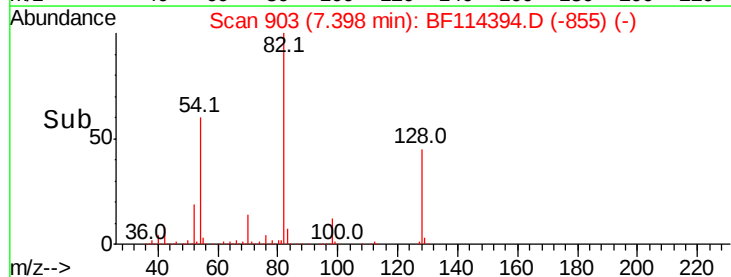
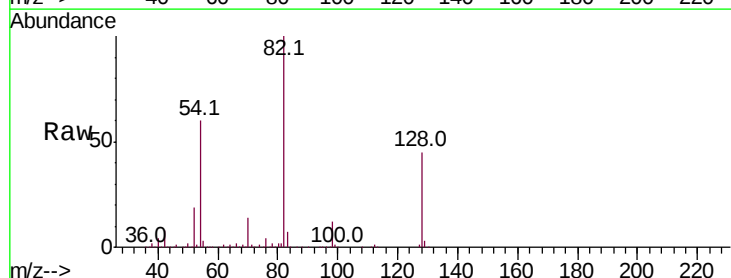
Instrument :
BNA_F
ClientSampled :

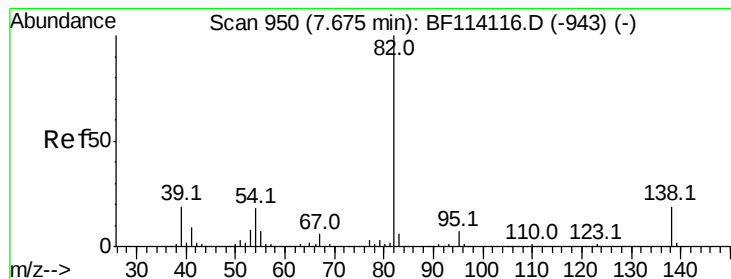
Tot Ion:136	Resp:	893379
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	9.2	7.8 11.8
68	6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 88.034 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114394.D
Acq: 18 May 2019 16:37

Tgt Ion: 82	Ratio	Resp: 1401421	
82	100	Lower	Upper
128	44.8	35.5	53.3
54	59.7	48.5	72.7





#25

Isophorone

Concen: 47.468 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114394.D

Acq: 18 May 2019 16:37

Instrument :

BNA_F

ClientSampleId :

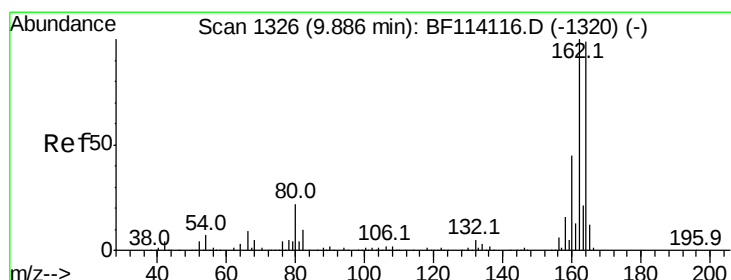
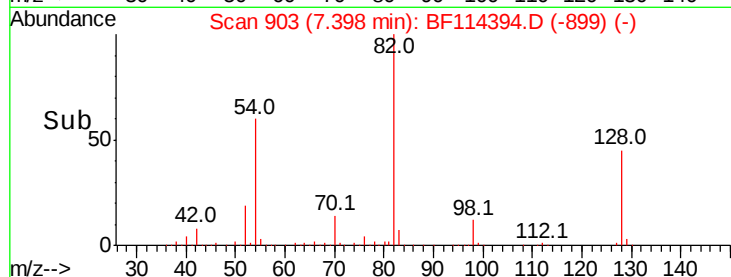
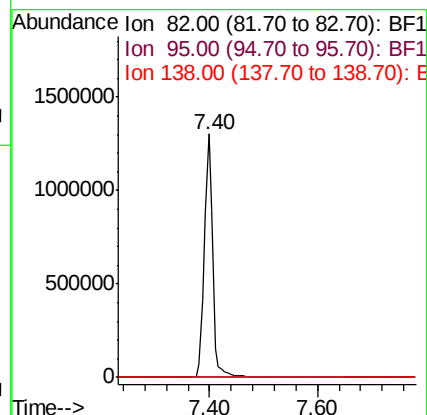
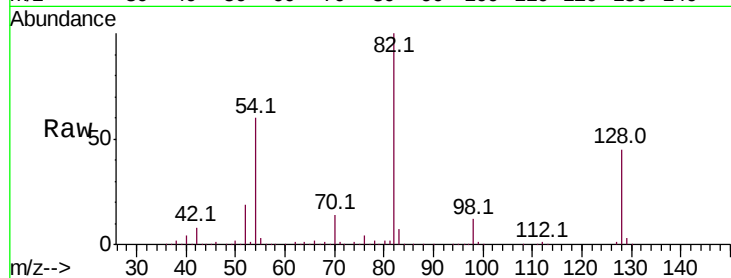
Tot Ion: 82 Resp: 1401414

Ion Ratio Lower Upper

82 100

95 0.0 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. -0.02 min

Lab File: BF114394.D

Acq: 18 May 2019 16:37

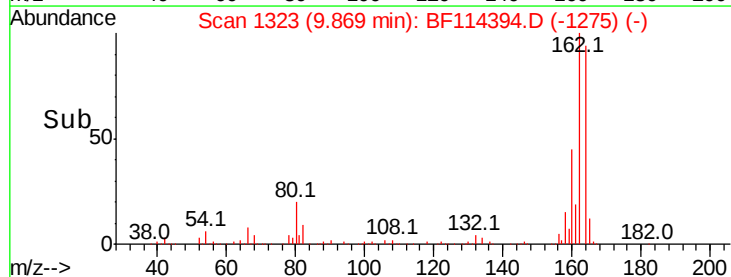
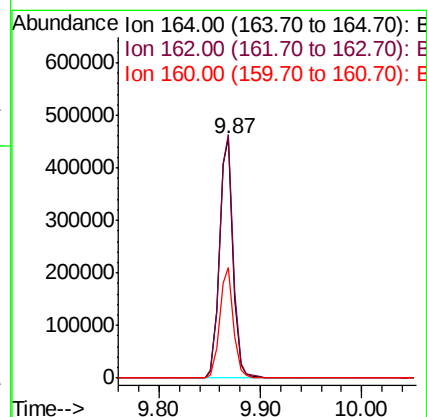
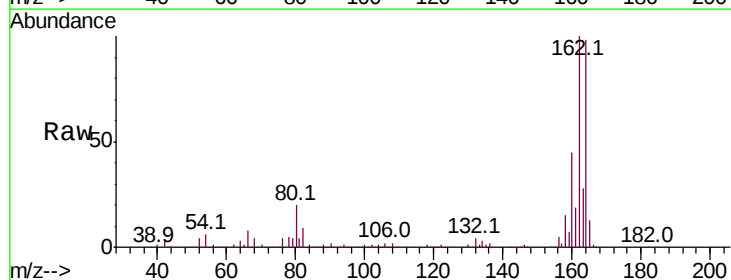
Tgt Ion:164 Resp: 423962

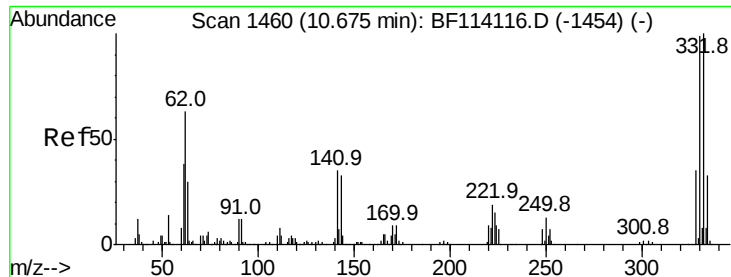
Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

160 46.1 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 117.564 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114394.D

Acq: 18 May 2019 16:37

Instrument :

BNA_F

ClientSampleId :

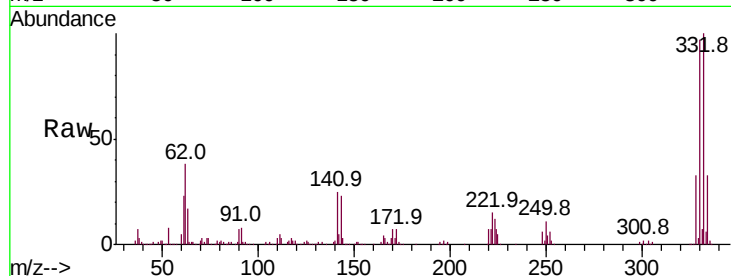
Tot Ion:330 Resp: 515289

Ion Ratio Lower Upper

330 100

332 102.9 81.4 122.2

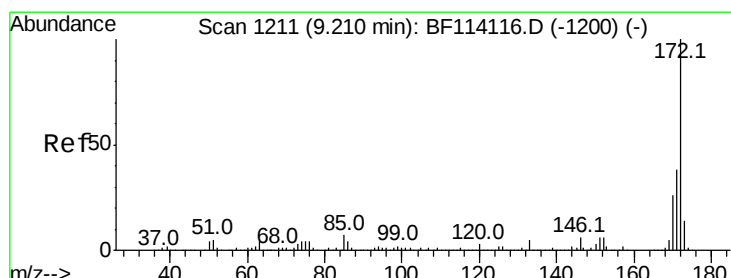
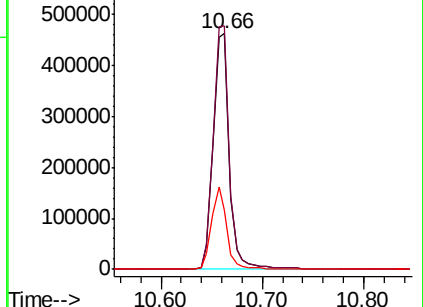
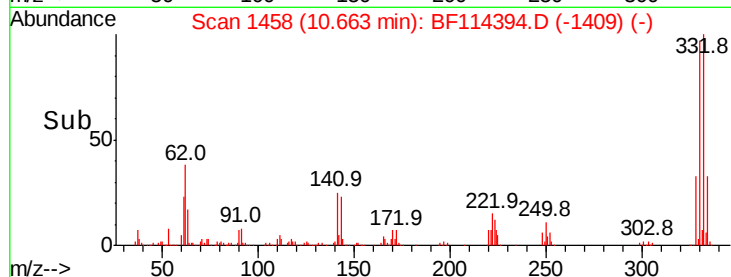
141 32.9 26.6 40.0



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: 81.078 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF114394.D

Acq: 18 May 2019 16:37

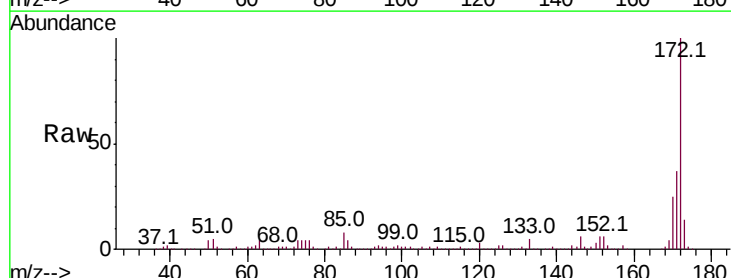
Tgt Ion:172 Resp: 2272398

Ion Ratio Lower Upper

172 100

171 36.9 30.7 46.1

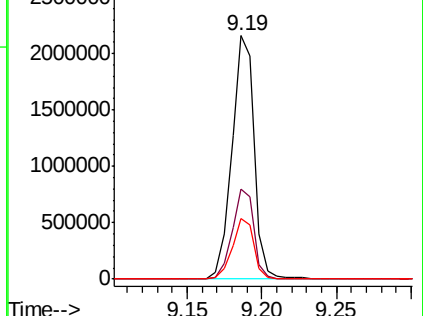
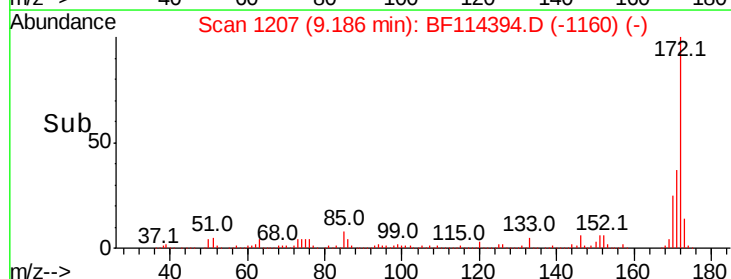
170 24.7 20.5 30.7

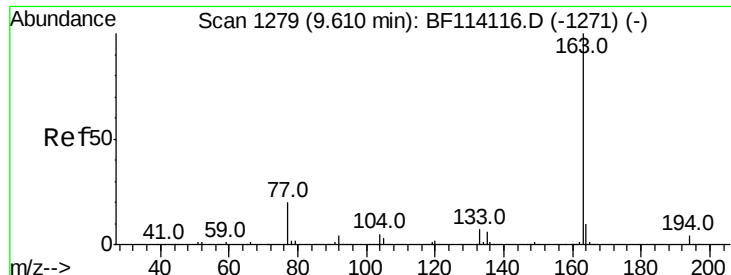


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

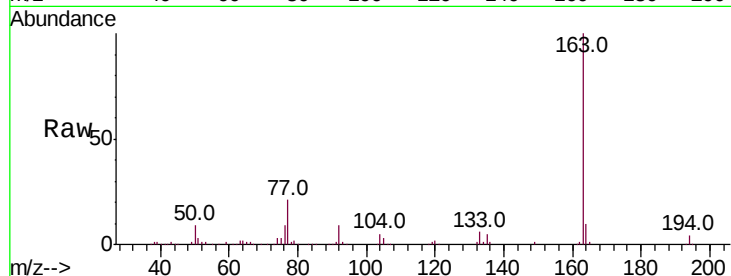




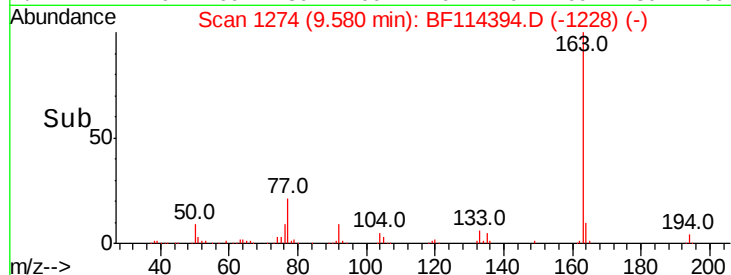
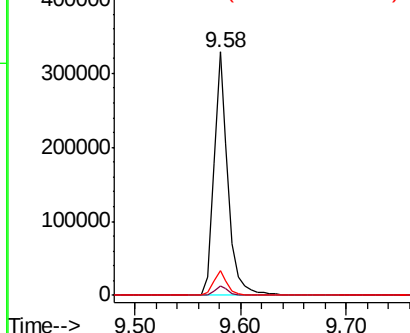
#50
Dimethylphthalate
Concen: 9.893 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF114394.D
Acq: 18 May 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 307894
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.0 8.2 12.2

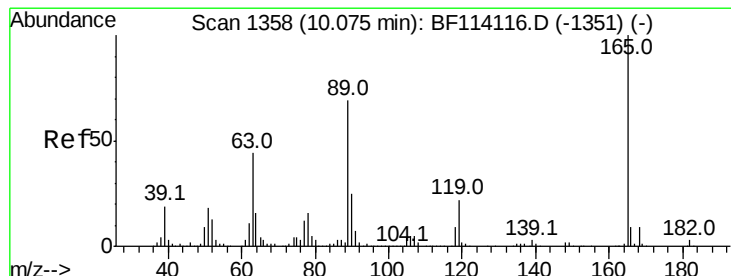


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

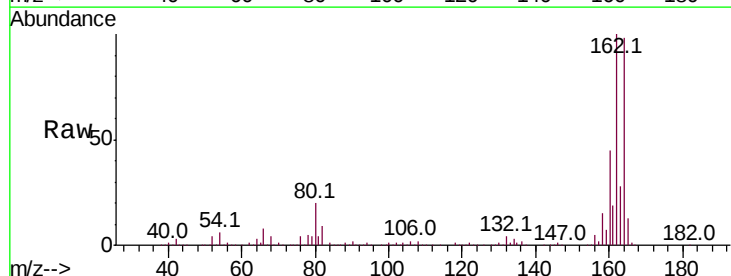
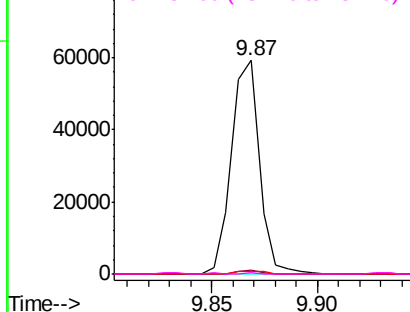


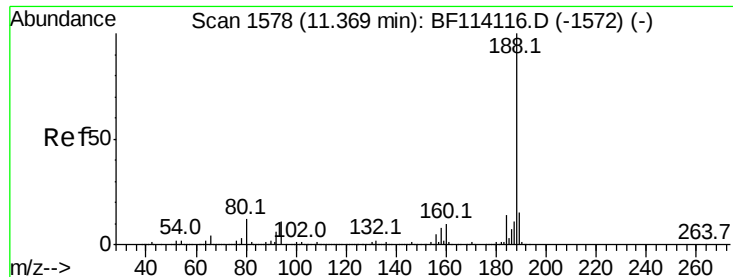
#57
2,4-Dinitrotoluene
Concen: 5.780 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF114394.D
Acq: 18 May 2019 16:37

Tgt Ion:165 Resp: 54152
Ion Ratio Lower Upper
165 100
63 1.5 35.5 53.3#
89 1.5 55.2 82.8#
182 0.6 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

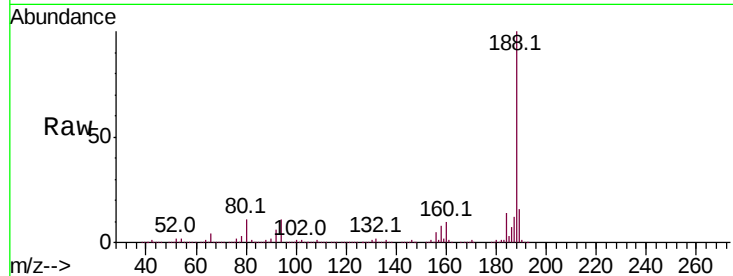




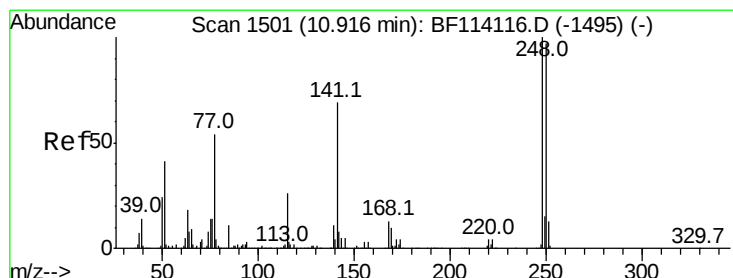
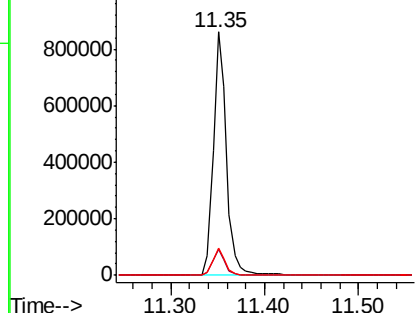
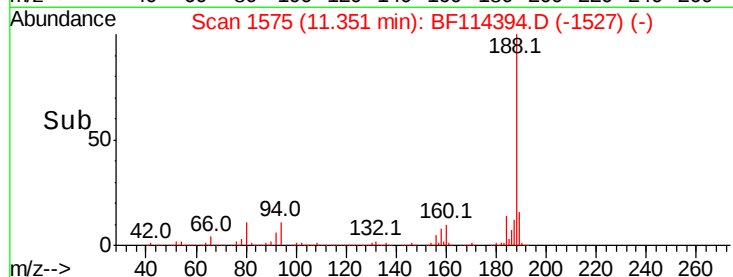
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114394.D
Acq: 18 May 2019 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 853041
Ion Ratio Lower Upper
188 100
94 10.6 8.4 12.6
80 11.1 9.2 13.8

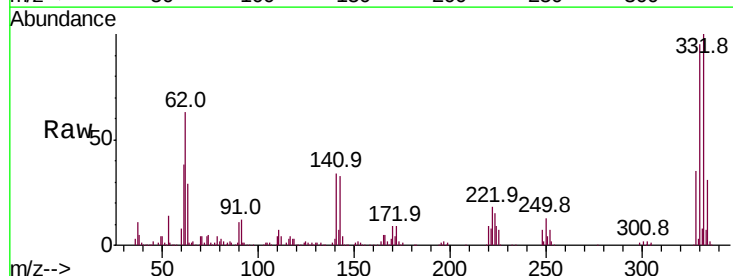


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

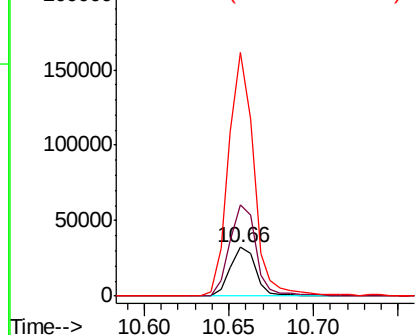
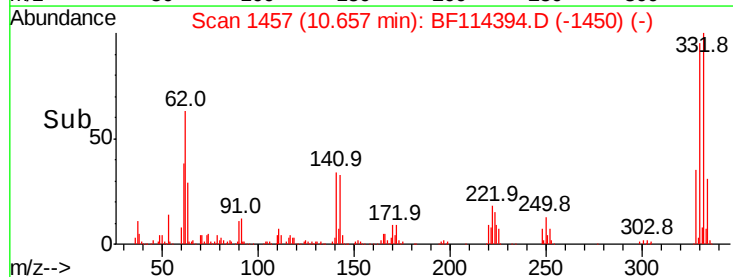


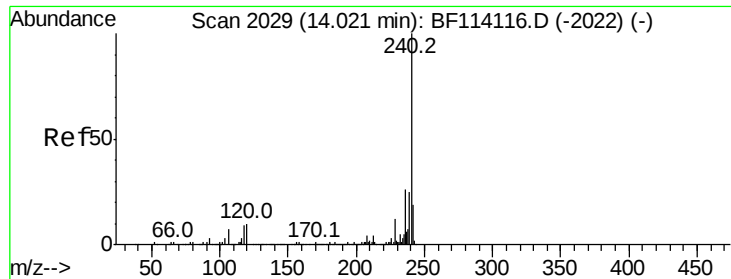
#67
4-Bromophenyl-phenylether
Concen: 3.652 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.26 min
Lab File: BF114394.D
Acq: 18 May 2019 16:37

Tgt Ion:248 Resp: 34305
Ion Ratio Lower Upper
248 100
250 186.1 77.4 116.2#
141 496.9 55.6 83.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

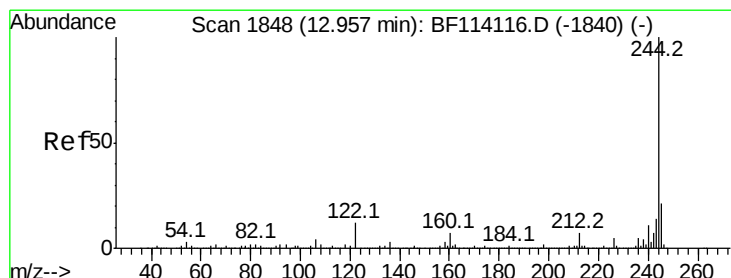
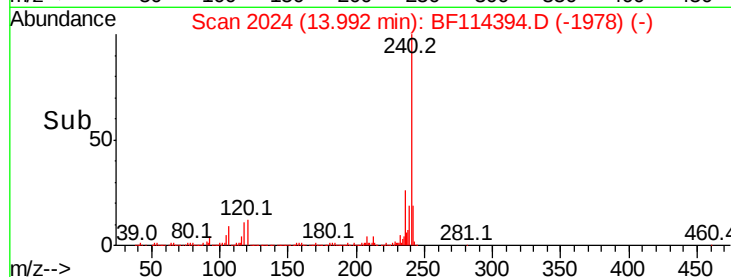
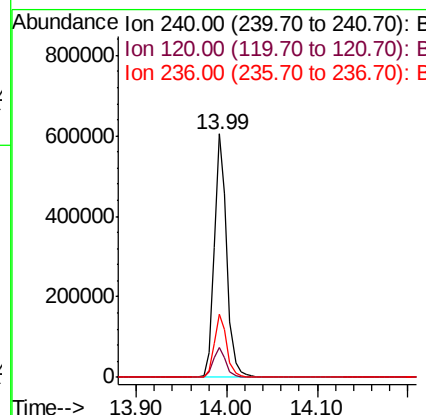
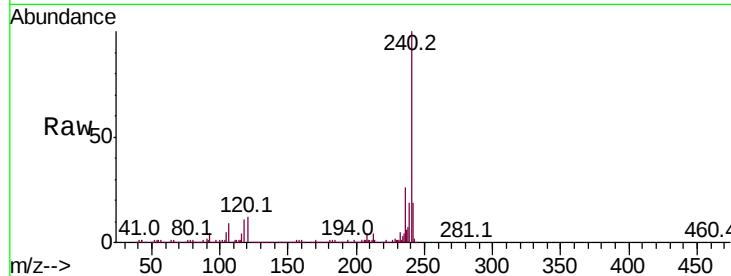




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114394.D
 Acq: 18 May 2019 16:37

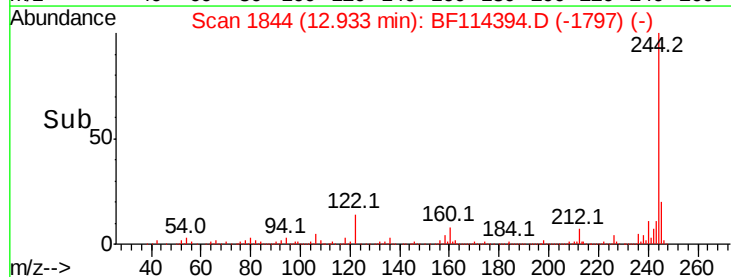
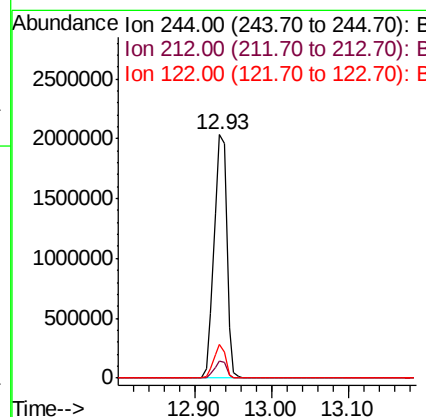
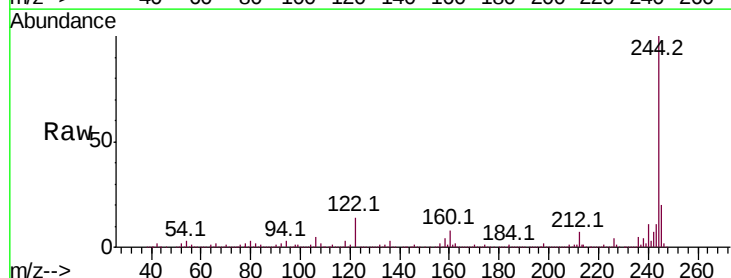
Instrument :
 BNA_F
 ClientSampleId :

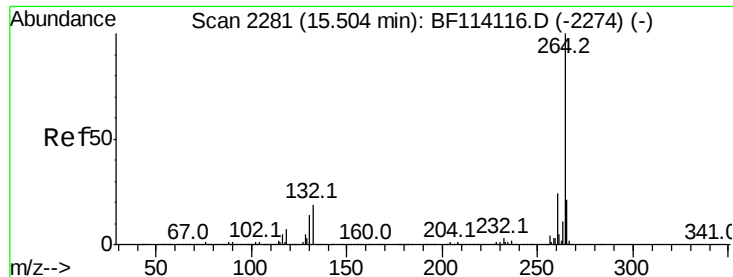
Tot Ion:240 Resp: 585397
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.3 12.5
 236 26.1 20.8 31.2



#79
 Terphenyl-d14
 Concen: 80.829 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114394.D
 Acq: 18 May 2019 16:37

Tgt Ion:244 Resp: 2295356
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.9 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF114394.D
Acq: 18 May 2019 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.4	16.9	25.3

