

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114435.D
 Acq On : 20 May 2019 13:39
 Operator : JU/SJ
 Sample : K2905-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-2

Quant Time: May 21 11:13:39 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

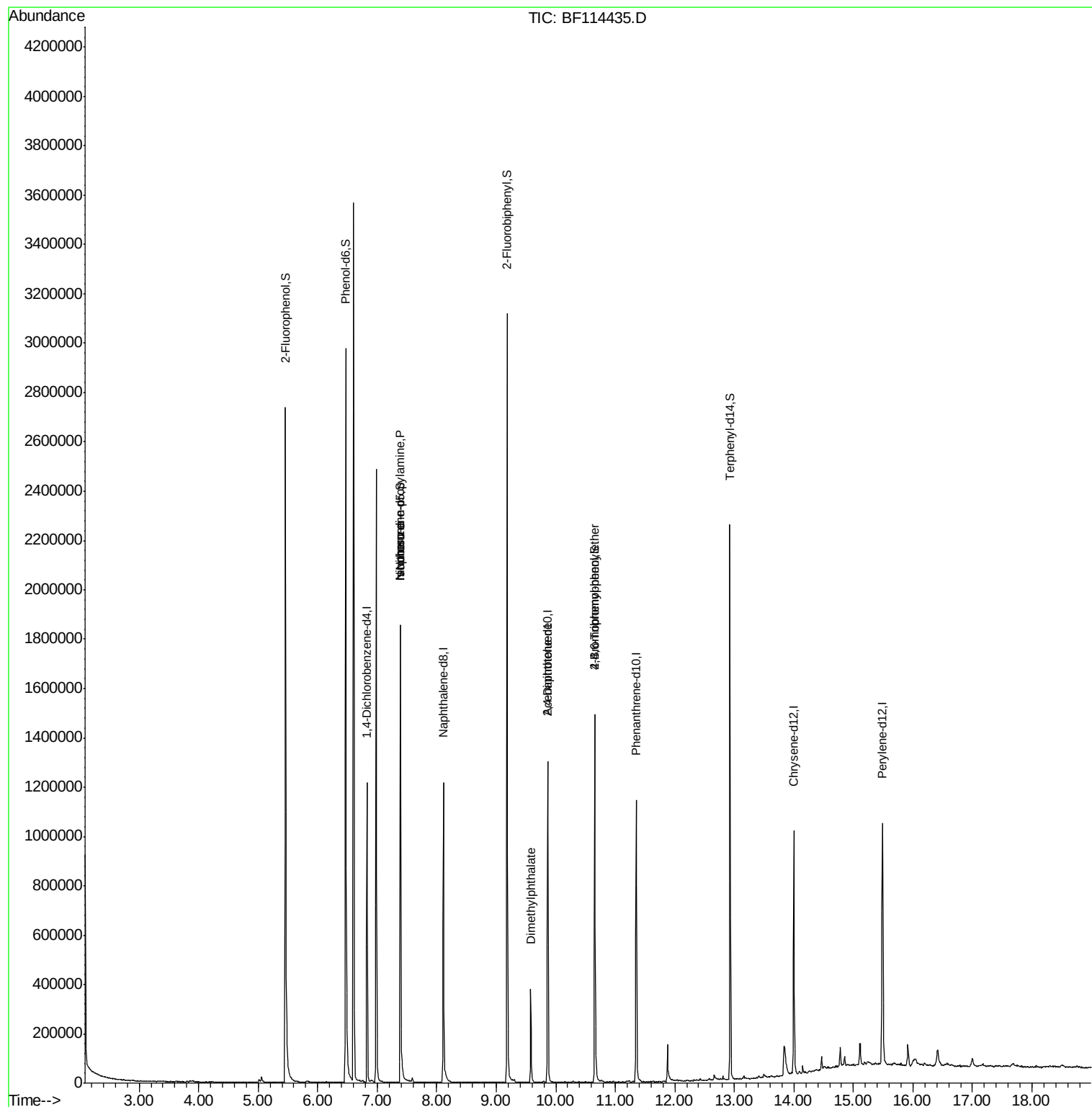
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	169546	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	624166	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	261188	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	458981	20.00	ng	0.00
76) Chrysene-d12	14.00	240	354456	20.00	ng	0.00
87) Perylene-d12	15.49	264	462561	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	887835	84.27	ng	0.00
7) Phenol-d6	6.47	99	1148594	92.18	ng	-0.02
23) Nitrobenzene-d5	7.39	82	674131	60.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	206872	76.61	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1073518	62.17	ng	0.00
79) Terphenyl-d14	12.93	244	823052	47.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	85536	10.830	ng	# 75
25) Isophorone	7.39	82	674125	32.682	ng	# 64
50) Dimethylphthalate	9.58	163	173124	9.029	ng	100
57) 2,4-Dinitrotoluene	9.86	165	33209	5.753	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	13193	2.611	ng	# 1

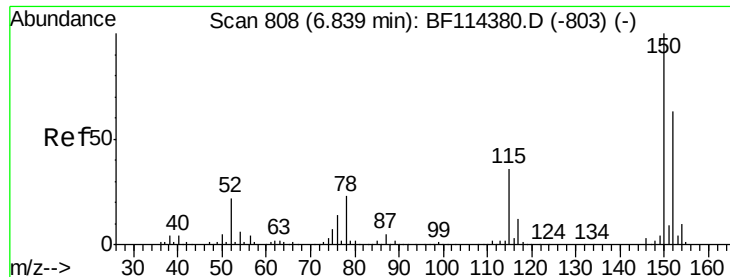
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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QLast Update : Mon May 20 04:47:40 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

GIS-2

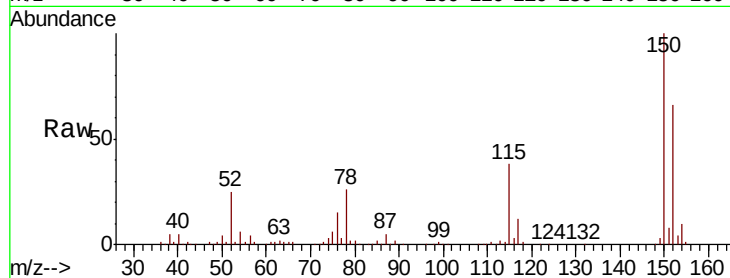
Tot Ion:152 Resp: 169546

Ion Ratio Lower Upper

152 100

150 152.2 124.3 186.5

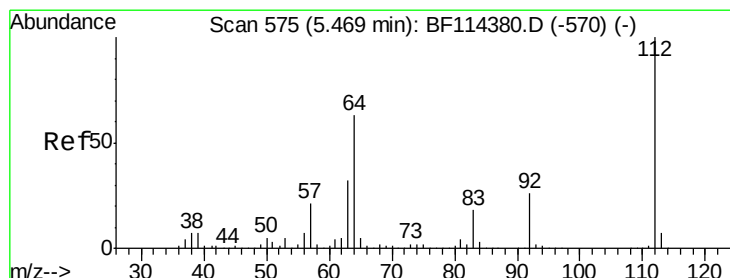
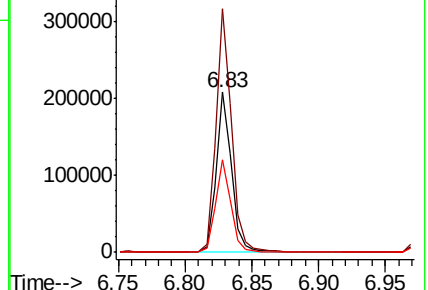
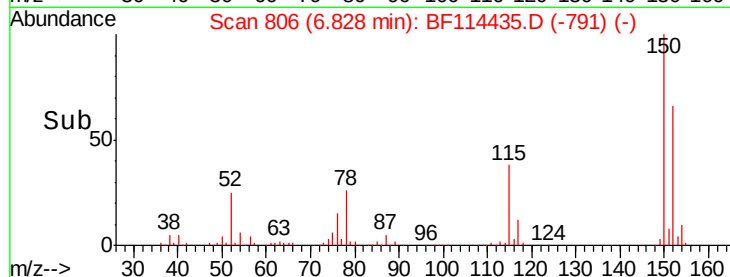
115 58.0 49.1 73.7



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: 84.270 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

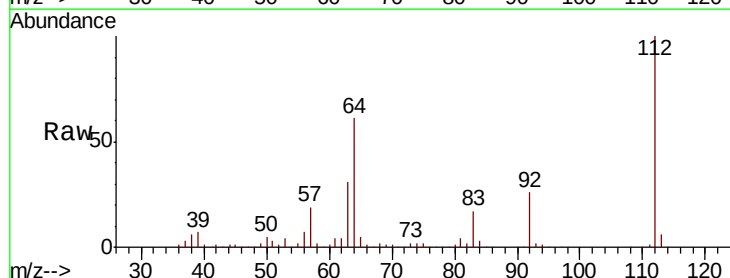
Tgt Ion:112 Resp: 887835

Ion Ratio Lower Upper

112 100

64 61.0 49.0 73.6

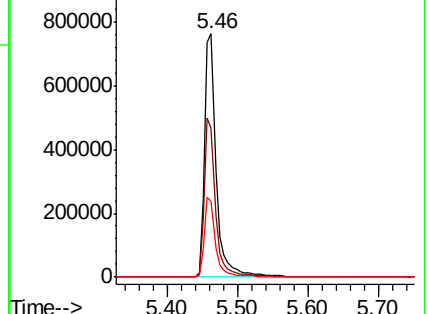
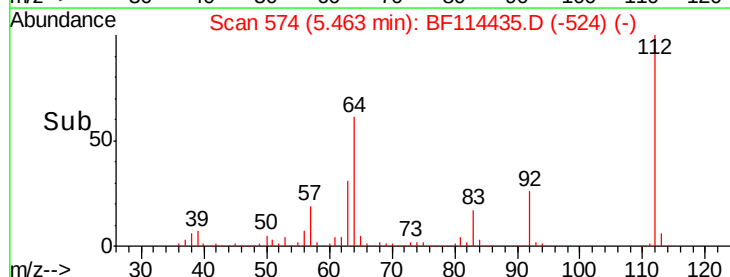
63 31.2 24.6 37.0

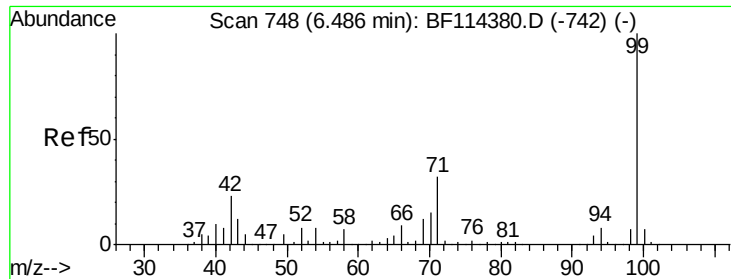


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.176 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

GIS-2

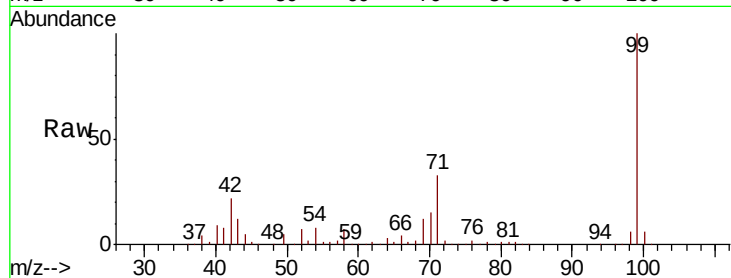
Tot Ion: 99 Resp: 1148594

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

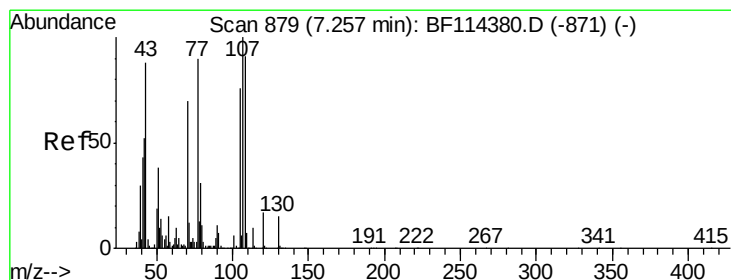
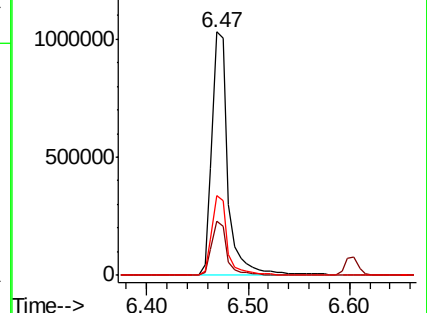
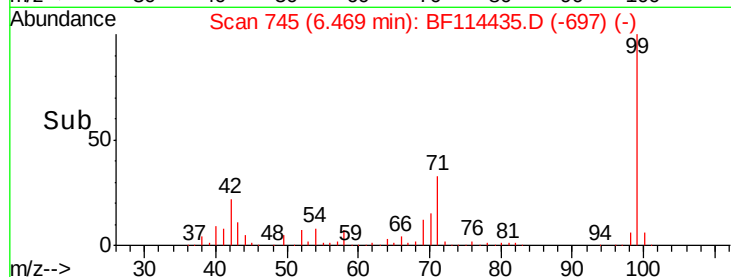
71 32.8 26.2 39.2



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: 10.830 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.13 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

Tgt Ion: 70 Resp: 85536

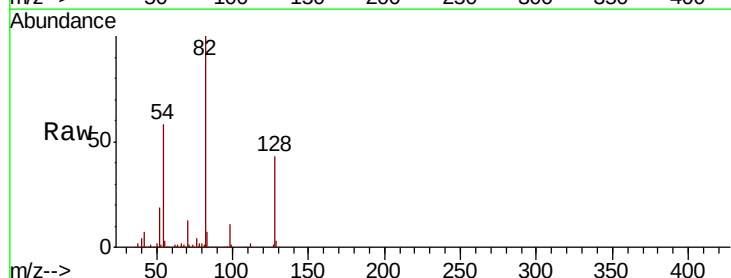
Ion Ratio Lower Upper

70 100

42 56.8 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#

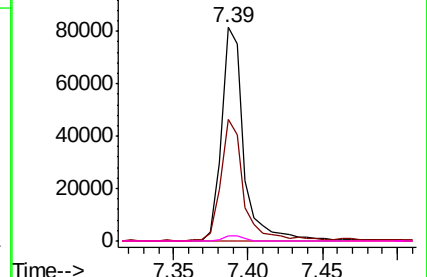
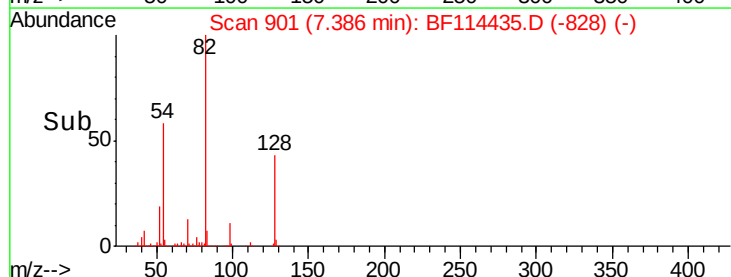


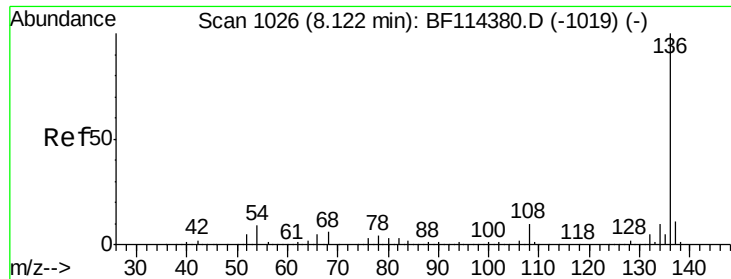
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

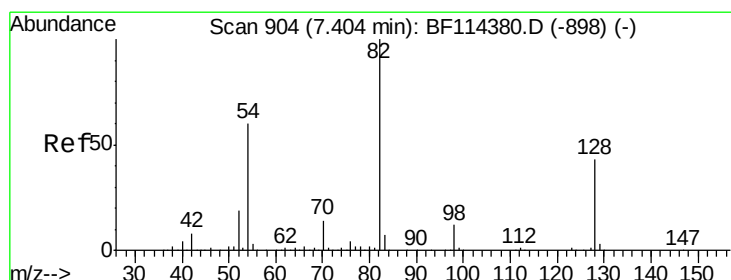
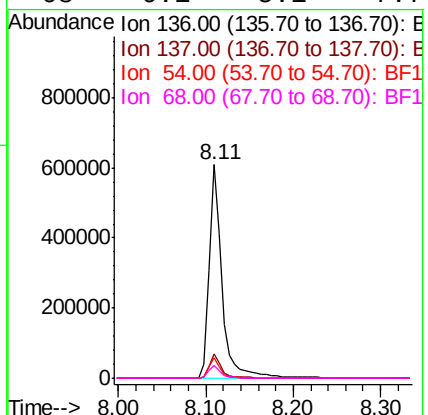
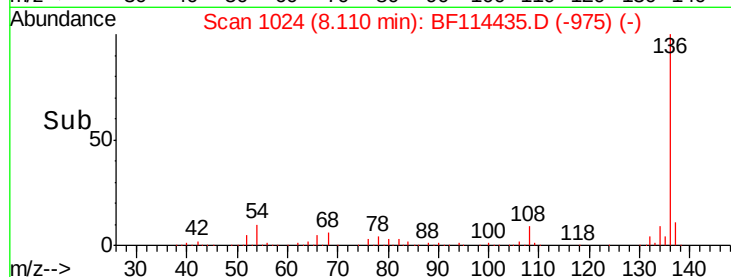
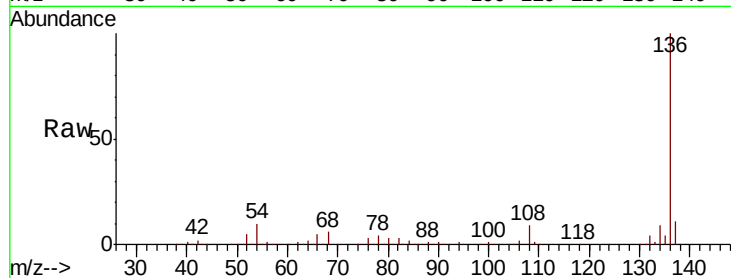




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114435.D
Acq: 20 May 2019 13:39

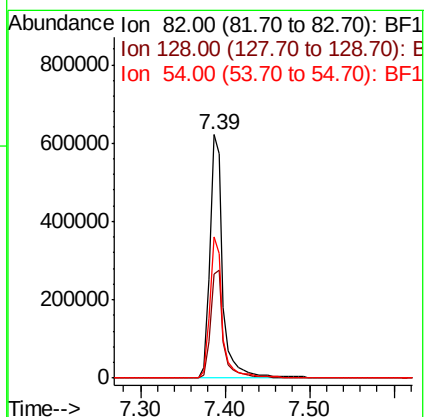
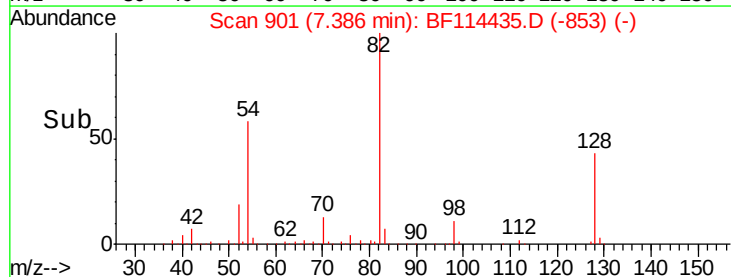
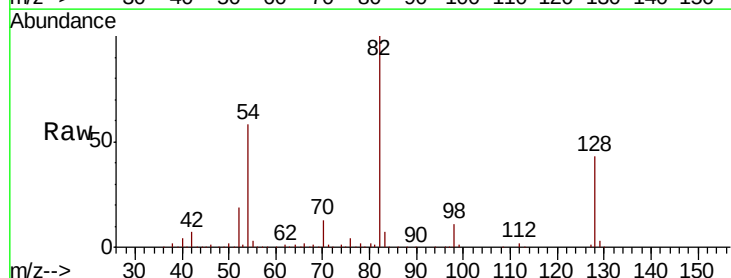
Instrument :
BNA_F
ClientSampleId :
GIS-2

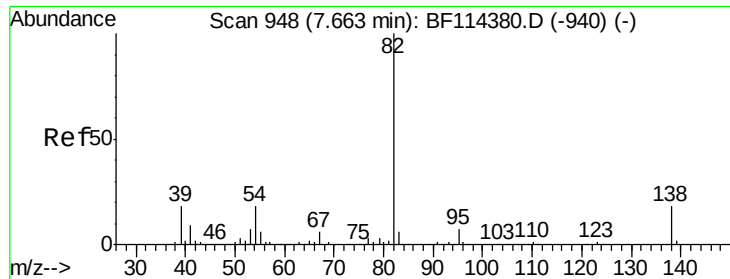
Tot Ion:136	Resp:	624166
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	9.5	7.8 11.8
68	6.1	5.1 7.7



#23
Nitrobenzene-d5
Concen: 60.613 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114435.D
Acq: 20 May 2019 13:39

Tgt Ion: 82	Resp:	674131
Ion	Ratio	Lower Upper
82	100	
128	42.9	35.5 53.3
54	58.2	48.5 72.7

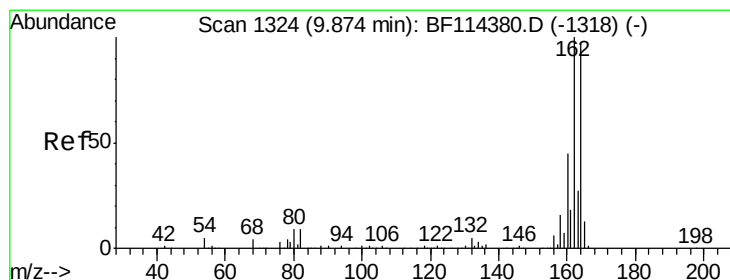
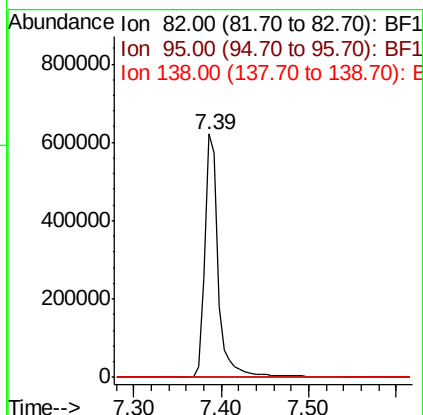
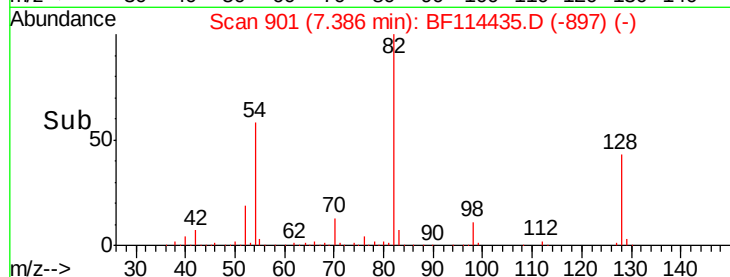
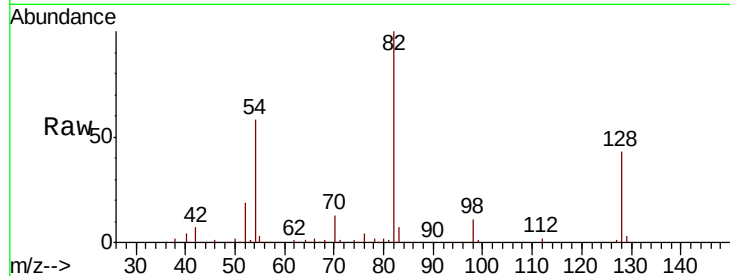




#25
Isophorone
Concen: 32.682 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF114435.D
Acq: 20 May 2019 13:39

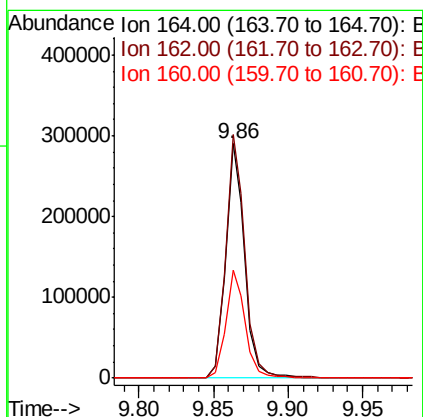
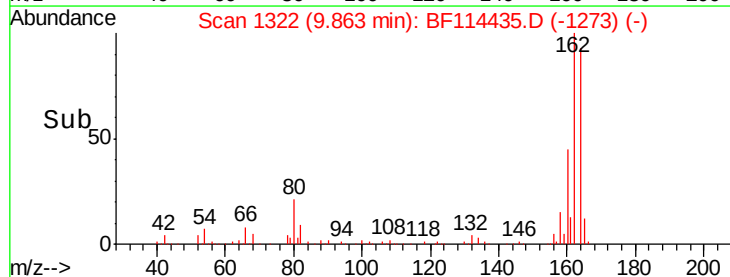
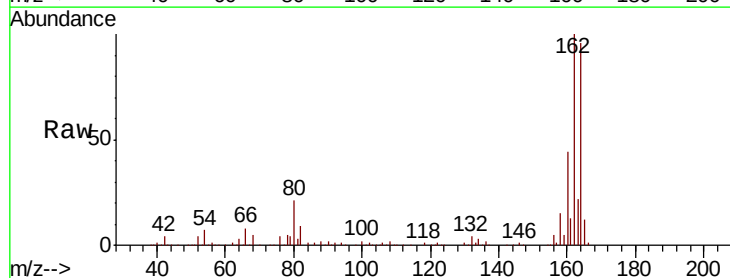
Instrument :
BNA_F
ClientSampleId :
GIS-2

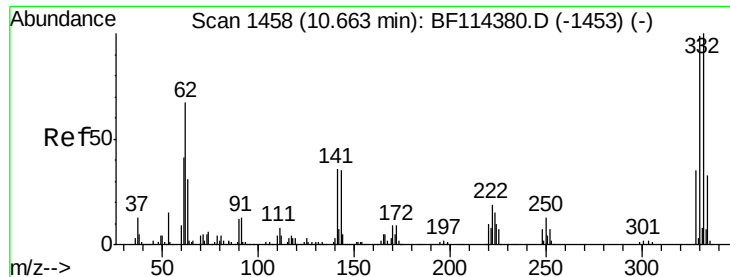
Tot Ion: 82 Resp: 674125
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114435.D
Acq: 20 May 2019 13:39

Tgt Ion:164 Resp: 261188
Ion Ratio Lower Upper
164 100
162 104.0 80.6 120.8
160 46.2 36.5 54.7

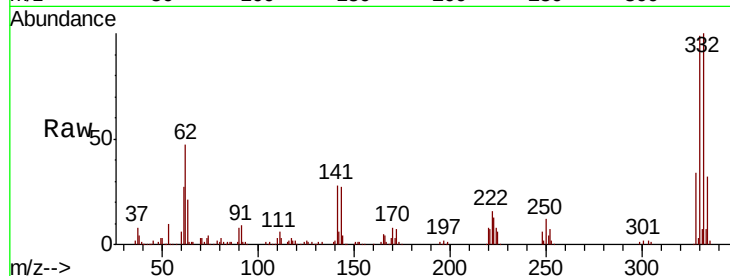




#42
 2,4,6-Tribromophenol
 Concen: 76.612 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114435.D
 Acq: 20 May 2019 13:39

Instrument :
 BNA_F
 ClientSampled :
 GIS-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.1	81.4	122.2
141	33.1	26.6	40.0

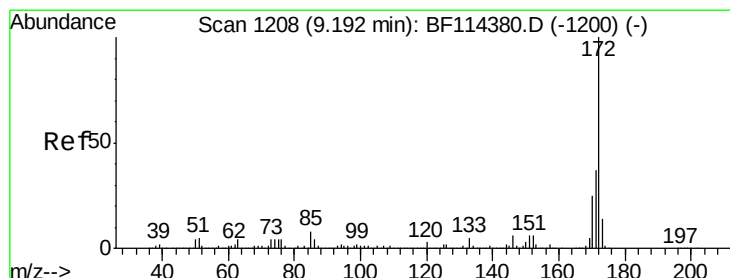
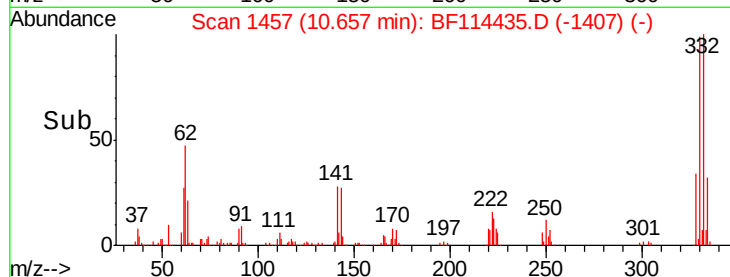
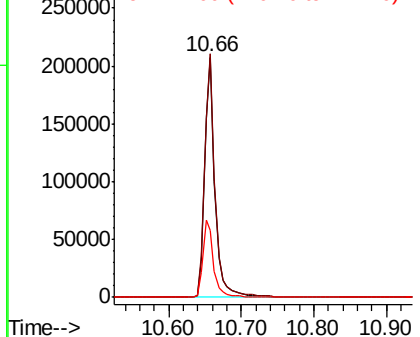


Abundance

Ion 329.80 (329.50 to 330.50): E

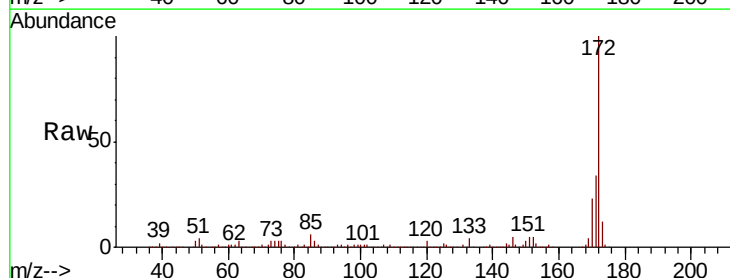
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.173 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114435.D
 Acq: 20 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.7	46.1
170	23.3	20.5	30.7

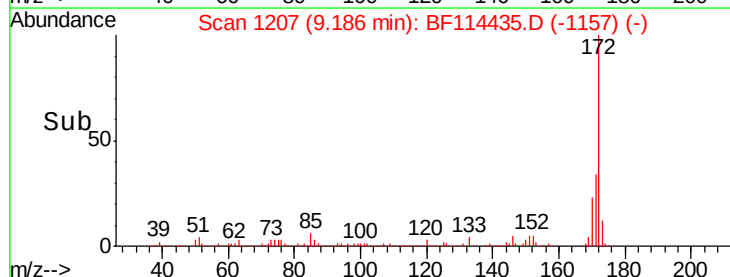
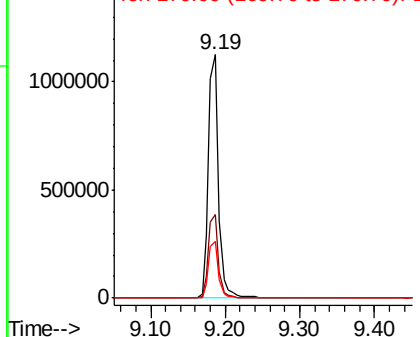


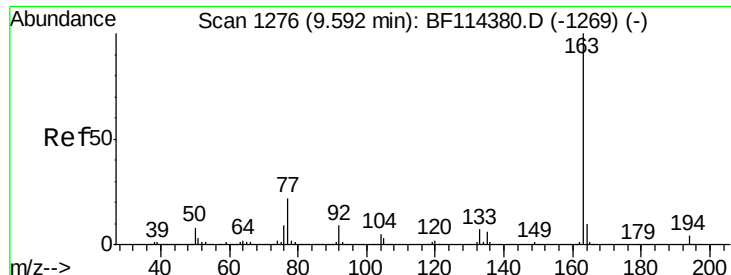
Abundance

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

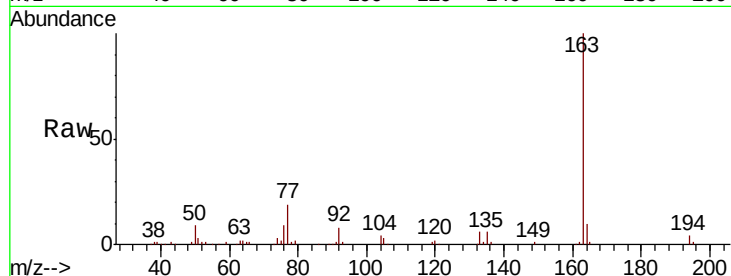




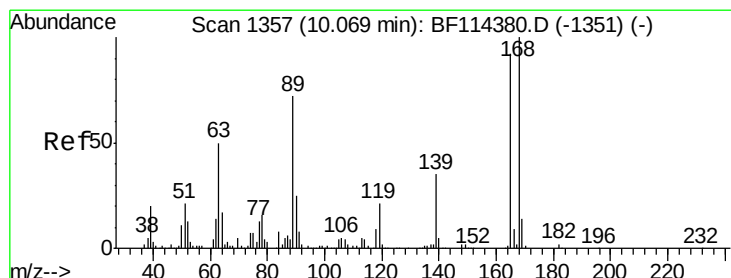
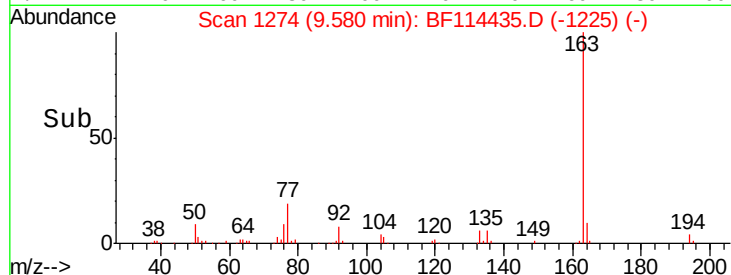
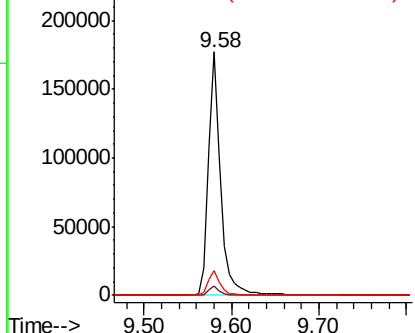
#50
Dimethylphthalate
Concen: 9.029 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114435.D
Acq: 20 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
GIS-2

Tot Ion:163 Resp: 173124
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.2 12.2

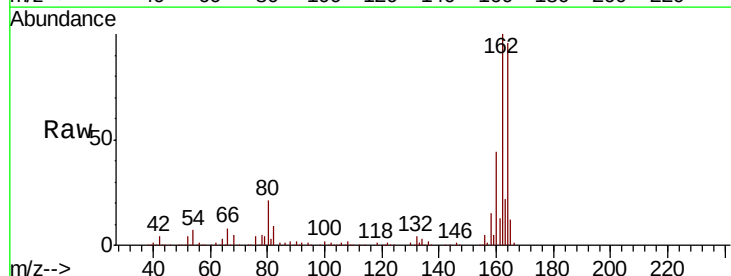


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

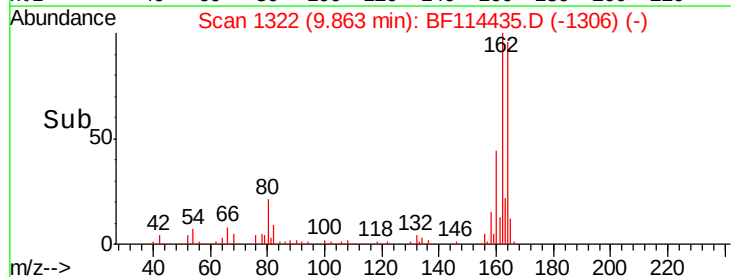
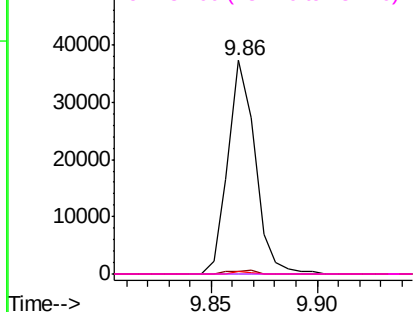


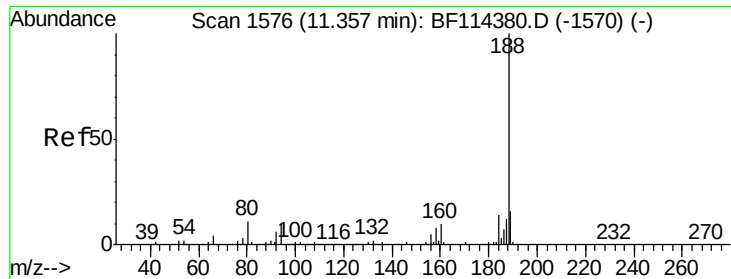
#57
2,4-Dinitrotoluene
Concen: 5.753 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF114435.D
Acq: 20 May 2019 13:39

Tgt Ion:165 Resp: 33209
Ion Ratio Lower Upper
165 100
63 1.1 35.5 53.3#
89 1.3 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

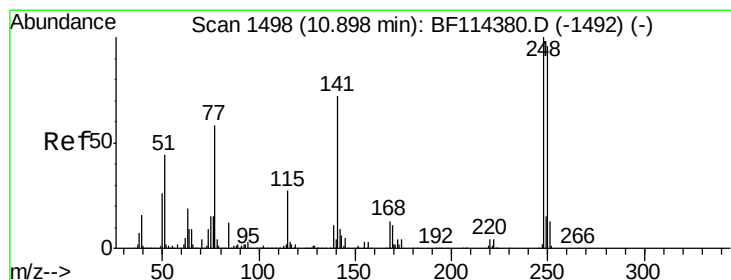
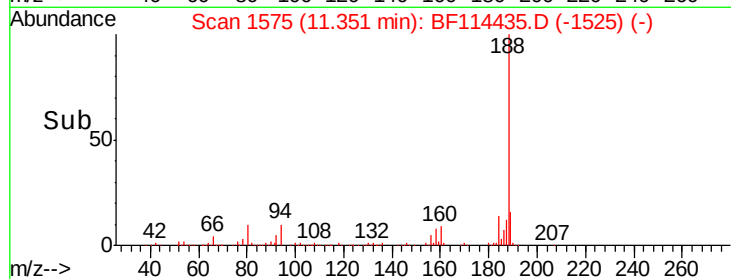
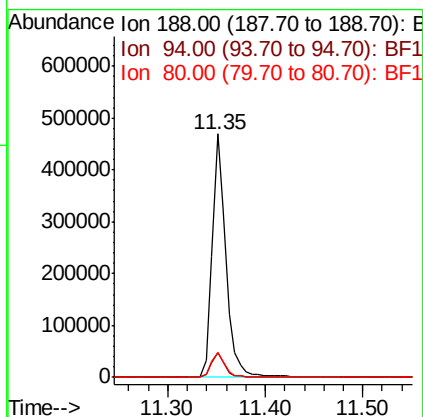
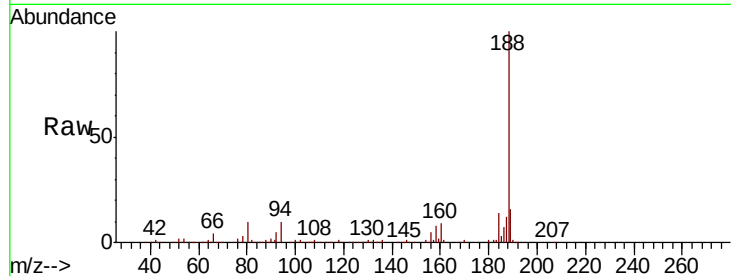




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF114435.D
 Acq: 20 May 2019 13:39

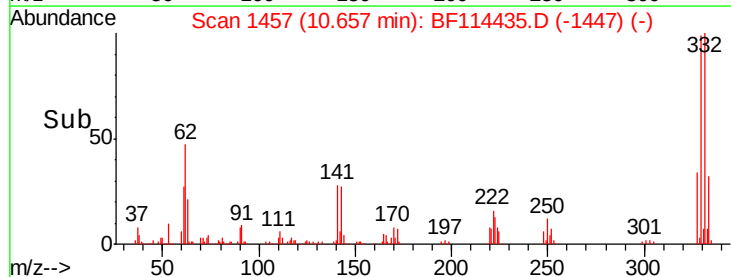
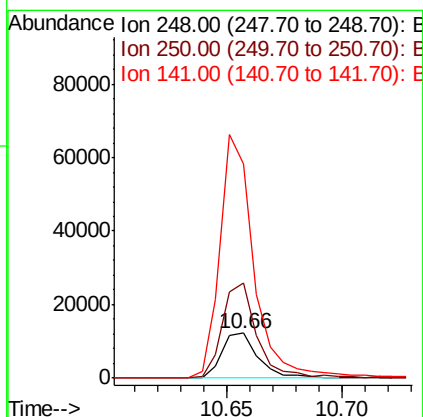
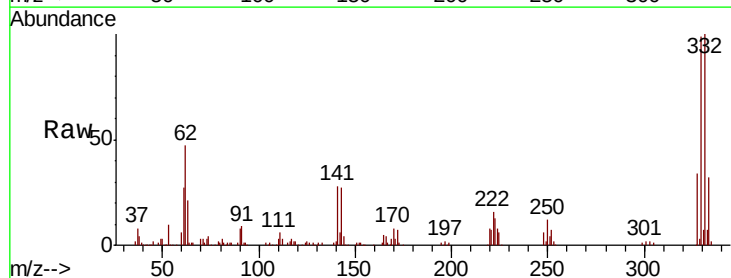
Instrument :
 BNA_F
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 GIS-2

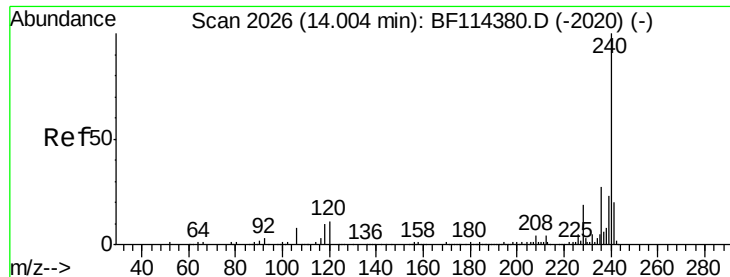
Tot Ion:188 Resp: 458981
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.4 12.6
 80 10.0 9.2 13.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.611 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF114435.D
 Acq: 20 May 2019 13:39

Tgt Ion:248 Resp: 13193
 Ion Ratio Lower Upper
 248 100
 250 210.7 77.4 116.2#
 141 475.2 55.6 83.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

GIS-2

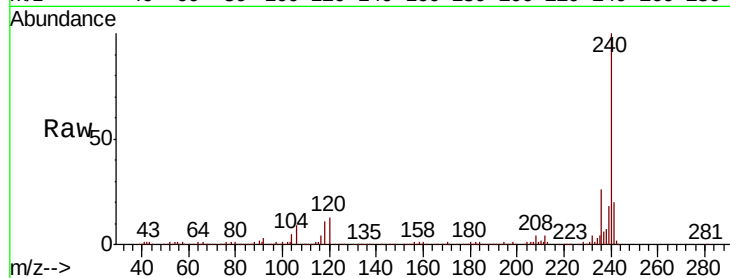
Tot Ion:240 Resp: 354456

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

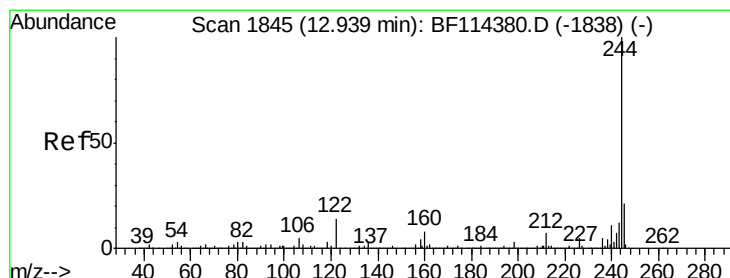
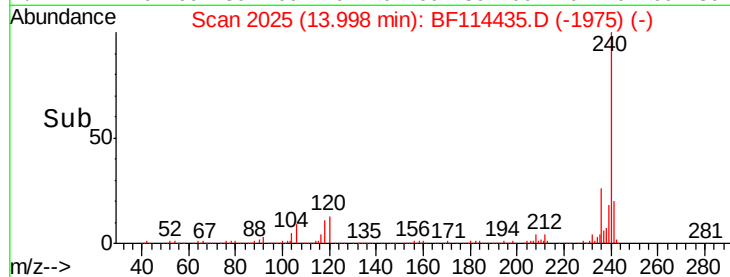
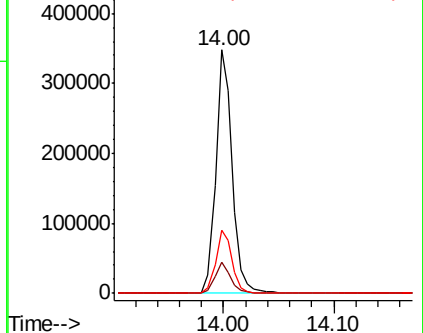
236 25.9 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 47.867 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

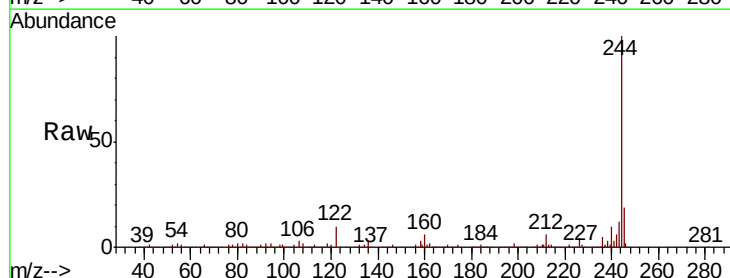
Tgt Ion:244 Resp: 823052

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.6

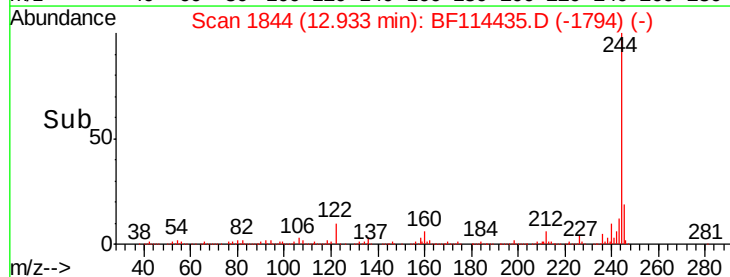
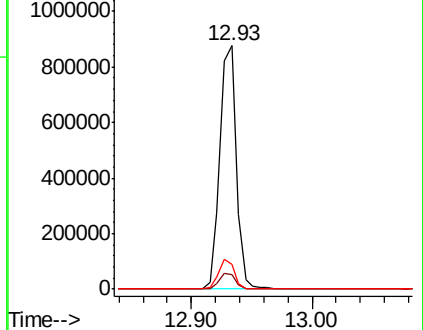
122 10.2 9.4 14.2

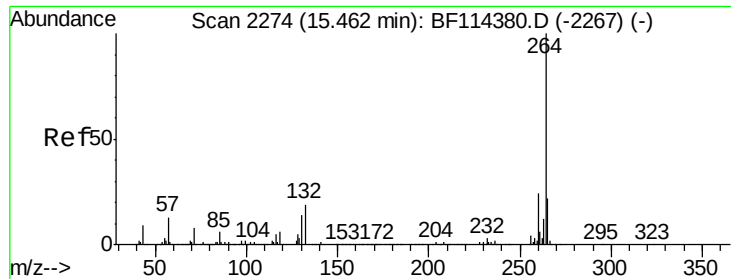


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF114435.D
Acq: 20 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
GIS-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.7	16.9	25.3

