

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114586.D
 Acq On : 24 May 2019 22:44
 Operator : JU/SJ
 Sample : K3026-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Quant Time: May 25 00:24:35 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 24 07:23:33 2019
 Response via : Initial Calibration

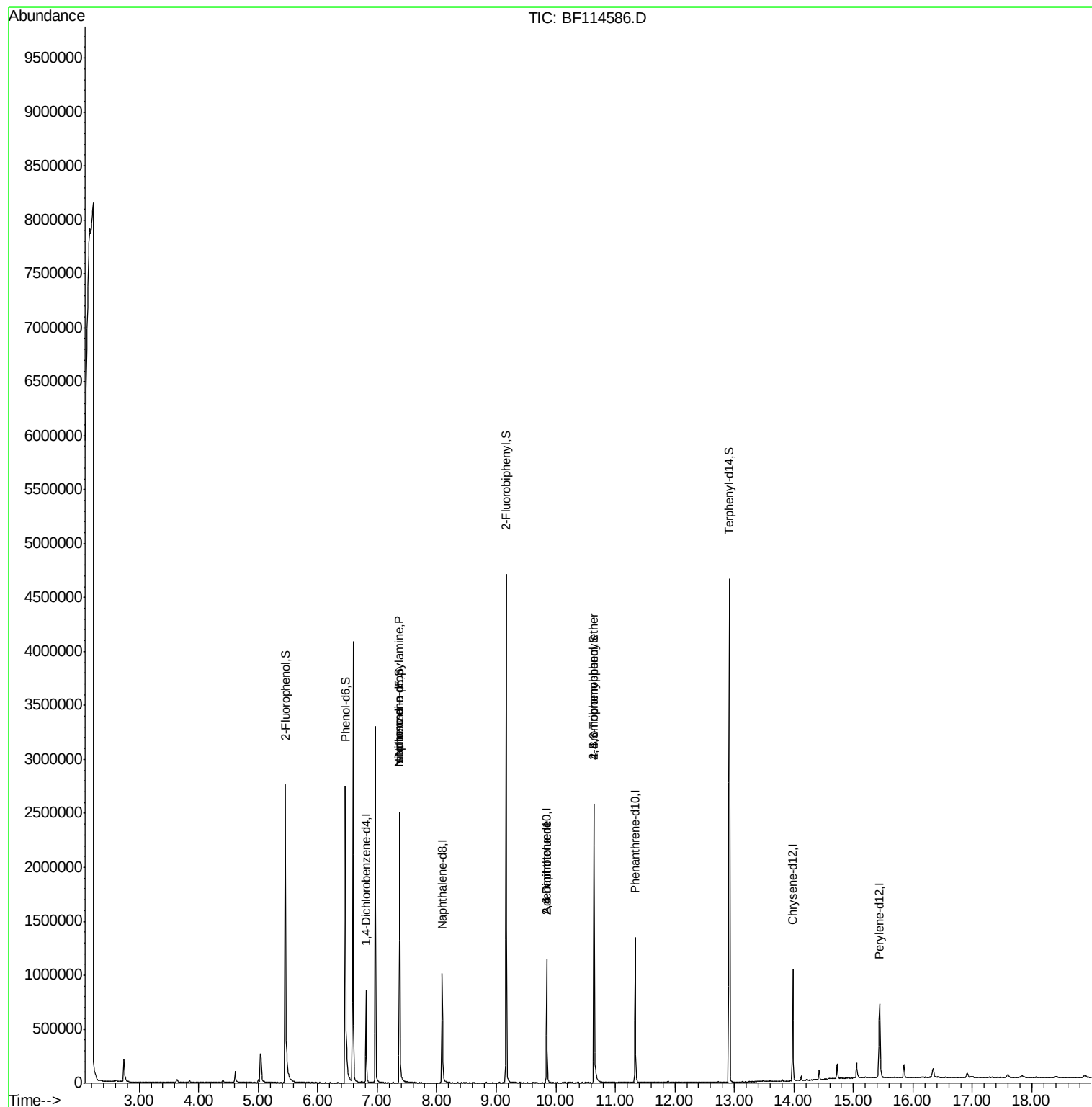
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129071	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	490567	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	229548	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	487397	20.00	ng	0.00
76) Chrysene-d12	13.98	240	366035	20.00	ng	0.00
87) Perylene-d12	15.44	264	336636	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	954046	118.95	ng	0.01
7) Phenol-d6	6.46	99	1111363	117.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	823879	94.25	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	350326	147.62	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1476341	97.29	ng	0.00
79) Terphenyl-d14	12.92	244	1703422	95.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	108745	18.086	ng	# 78
25) Isophorone	7.37	82	823872	50.819	ng	# 64
51) 2,6-Dinitrotoluene	9.85	165	28984	7.755	ng	# 21
57) 2,4-Dinitrotoluene	9.85	165	28984	5.713	ng	# 24
67) 4-Bromophenyl-phenylether	10.64	248	23110	4.306	ng	# 1

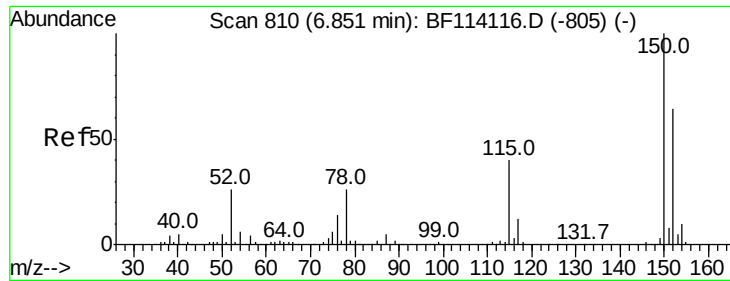
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_F
ClientSampleId :
TP-3-S

Quant Time: May 25 00:24:35 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 24 07:23:33 2019
Response via : Initial Calibration



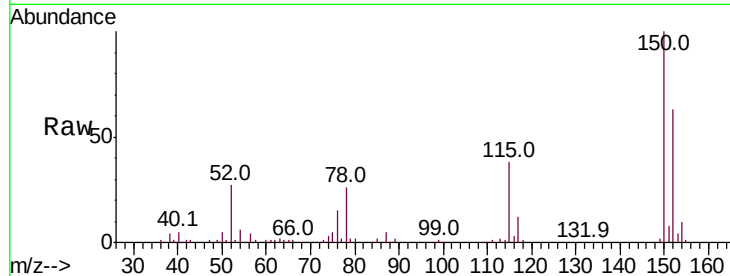


#1

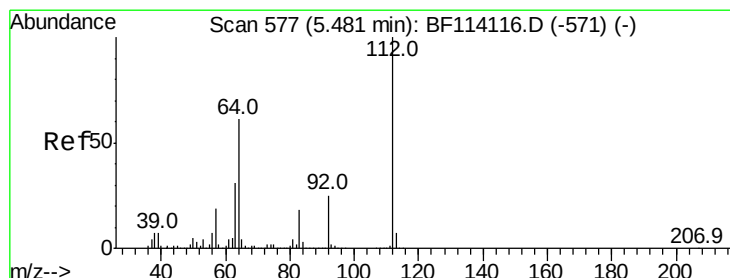
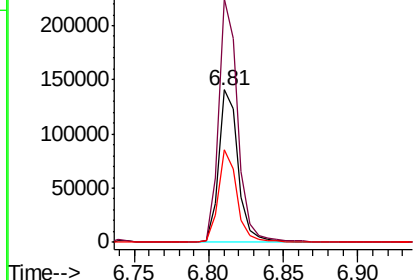
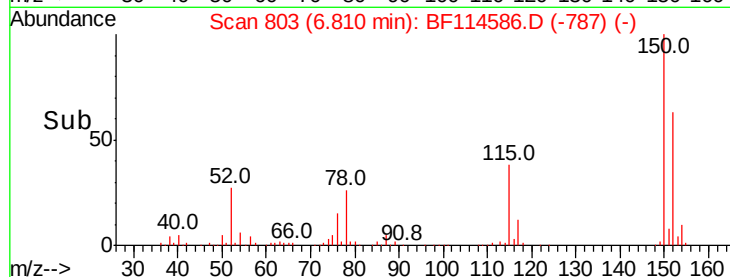
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114586.D
Acq: 24 May 2019 22:44

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion:152 Resp: 129071
Ion Ratio Lower Upper
152 100
150 159.8 124.3 186.5
115 61.1 49.1 73.7



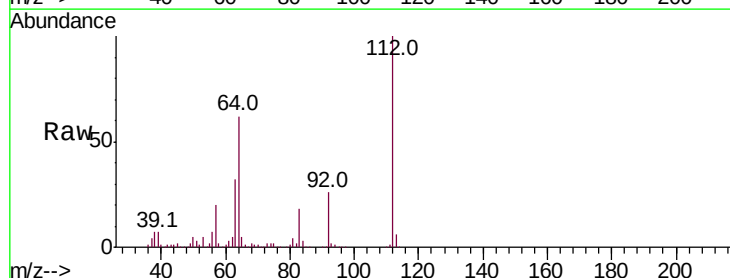
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



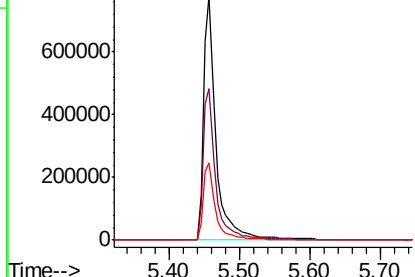
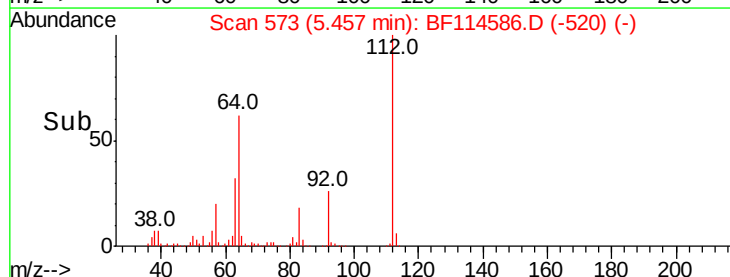
#5

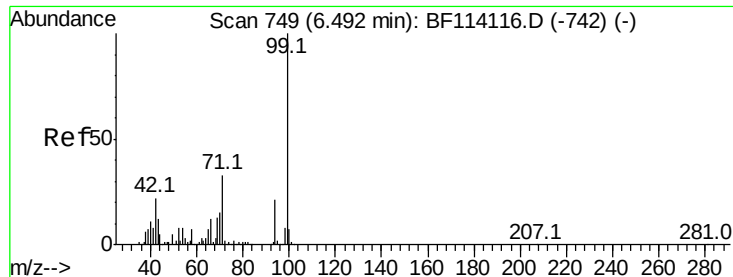
2-Fluorophenol
Concen: 118.951 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114586.D
Acq: 24 May 2019 22:44

Tgt Ion:112 Resp: 954046
Ion Ratio Lower Upper
112 100
64 62.0 49.0 73.6
63 31.9 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: 117.157 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

Instrument :

BNA_F

ClientSampleId :

TP-3-S

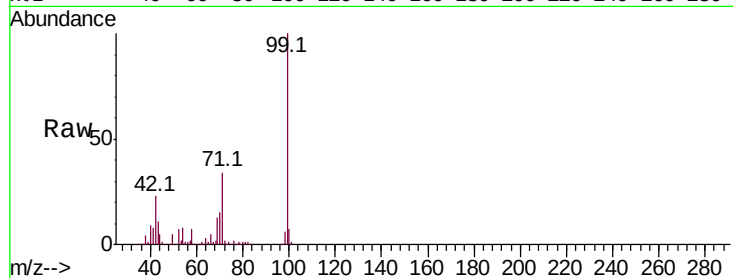
Tot Ion: 99 Resp: 1111363

Ion Ratio Lower Upper

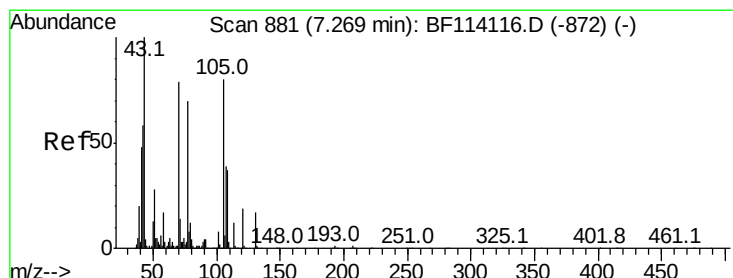
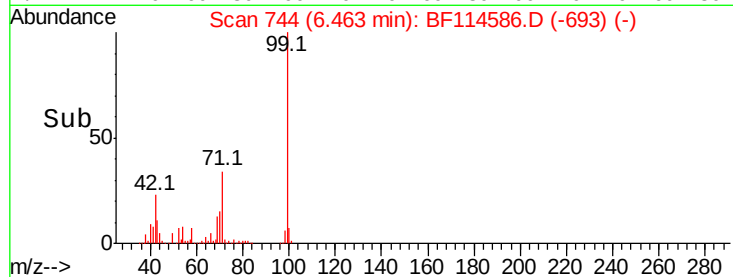
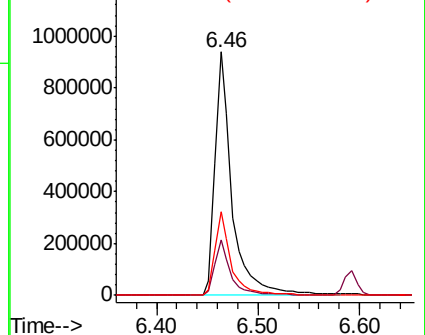
99 100

42 22.5 17.9 26.9

71 34.1 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: 18.086 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

Tgt Ion: 70 Resp: 108745

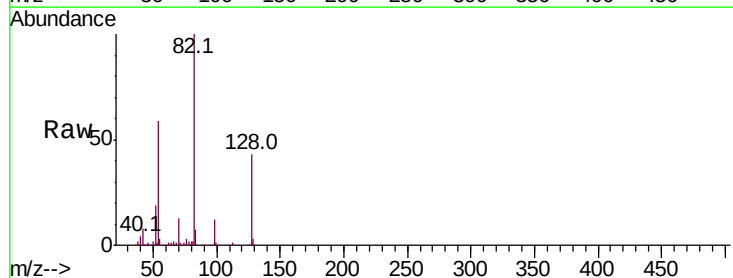
Ion Ratio Lower Upper

70 100

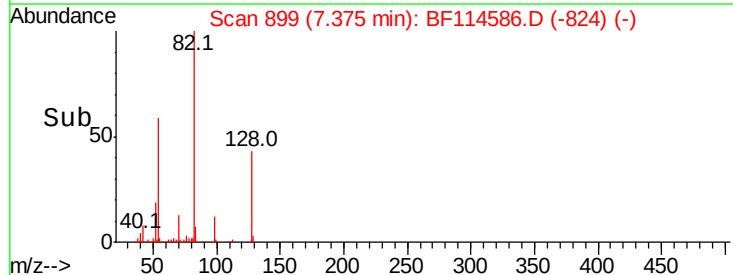
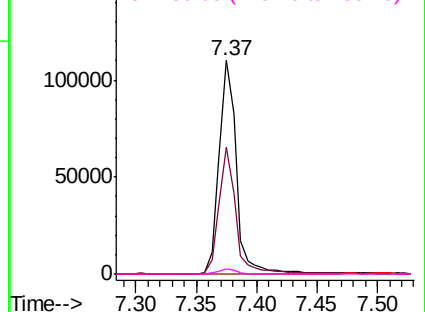
42 59.2 58.6 87.8

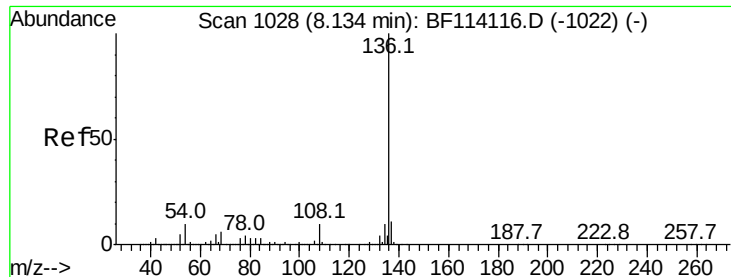
101 0.0 7.8 11.8#

130 2.6 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

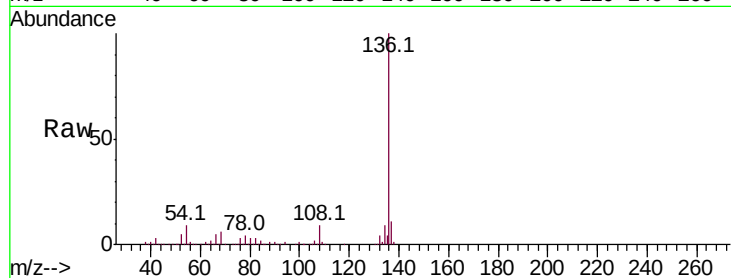




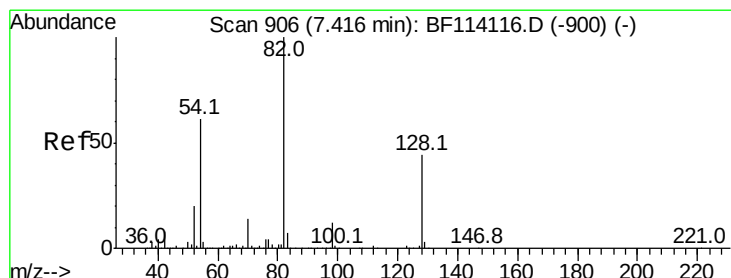
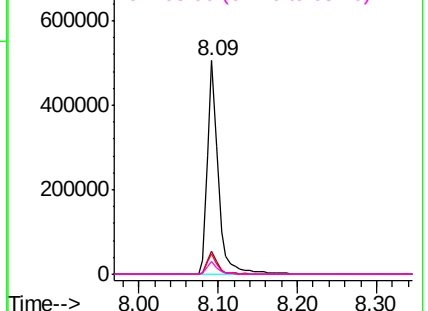
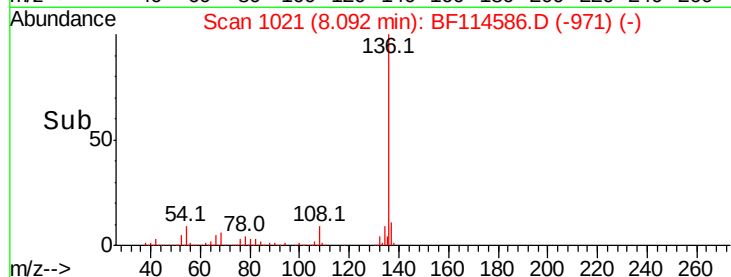
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114586.D
Acq: 24 May 2019 22:44

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion:136	Resp:	490567
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	9.4	7.8 11.8
68	6.0	5.1 7.7

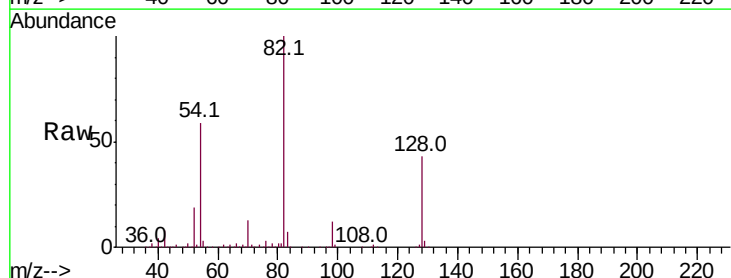


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

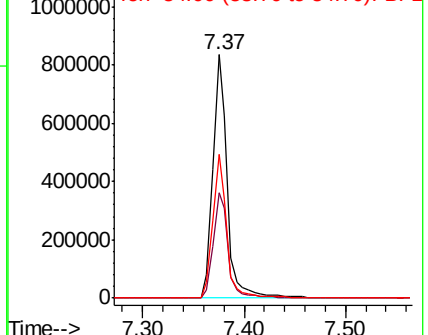
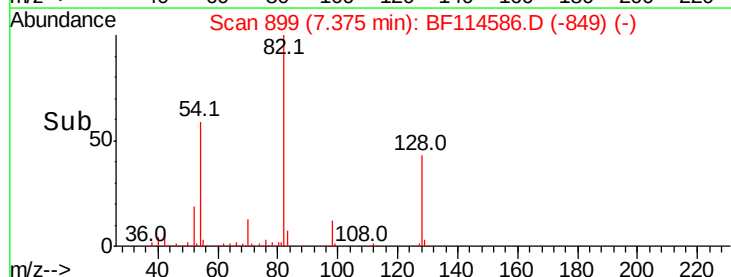


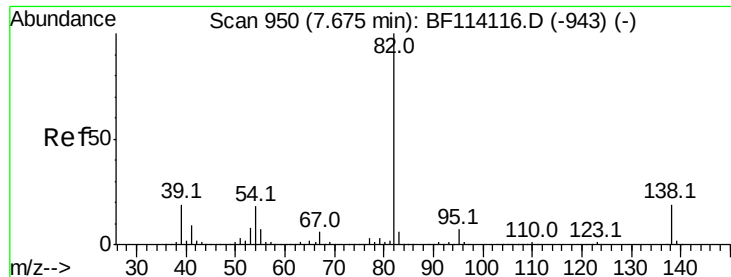
#23
Nitrobenzene-d5
Concen: 94.250 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114586.D
Acq: 24 May 2019 22:44

Tgt Ion: 82	Resp:	823879
Ion Ratio	Lower	Upper
82	100	
128	43.0	35.5 53.3
54	59.1	48.5 72.7



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





#25

Isophorone

Concen: 50.819 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

Instrument :

BNA_F

ClientSampleId :

TP-3-S

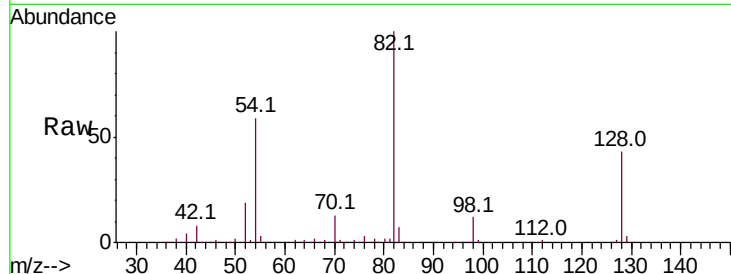
Tot Ion: 82 Resp: 823872

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

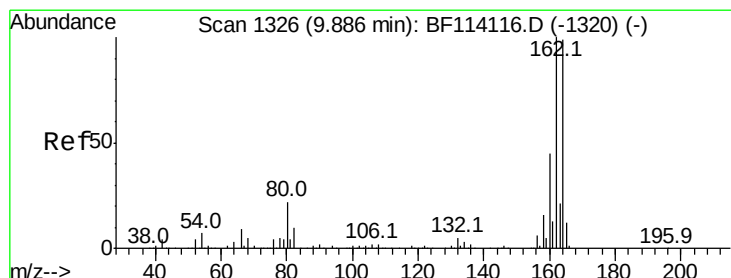
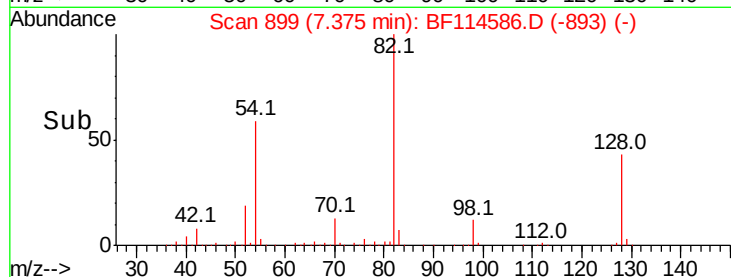
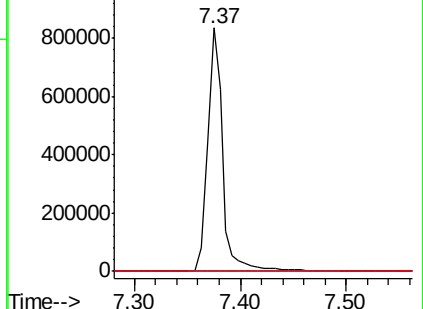
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

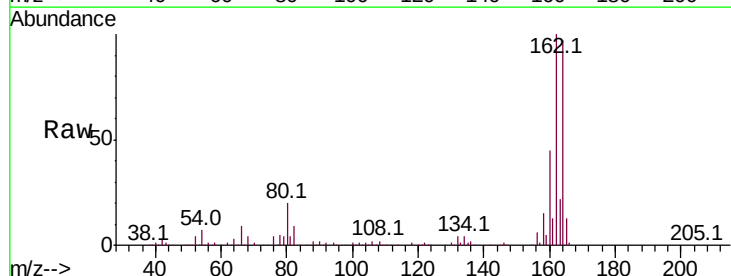
Tgt Ion:164 Resp: 229548

Ion Ratio Lower Upper

164 100

162 102.8 80.6 120.8

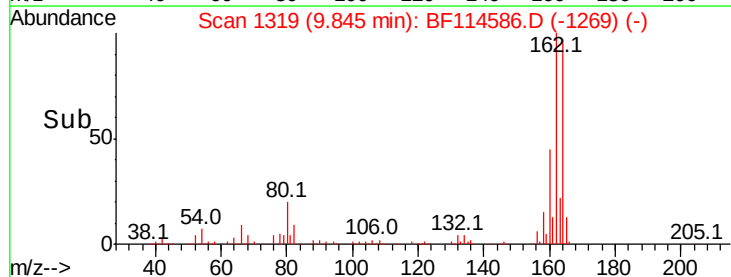
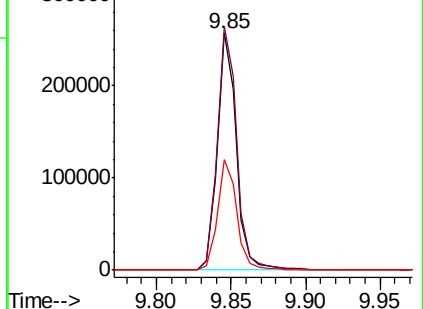
160 46.4 36.5 54.7

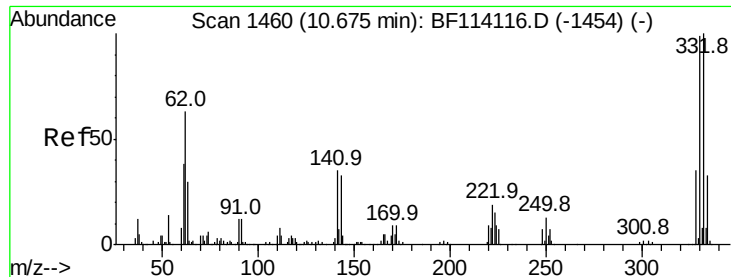


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 147.621 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

Instrument :

BNA_F

ClientSampleId :

TP-3-S

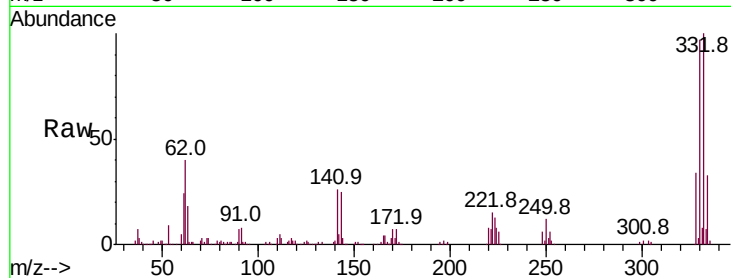
Tot Ion:330 Resp: 350326

Ion Ratio Lower Upper

330 100

332 103.7 81.4 122.2

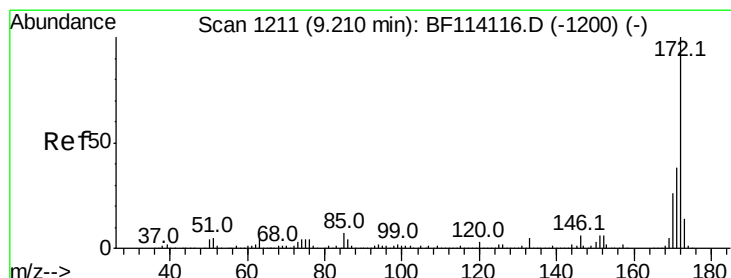
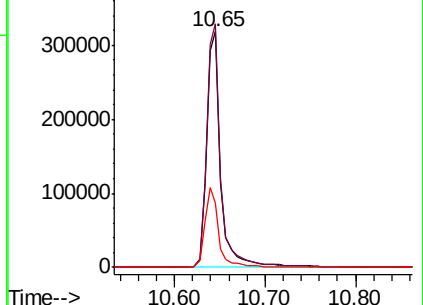
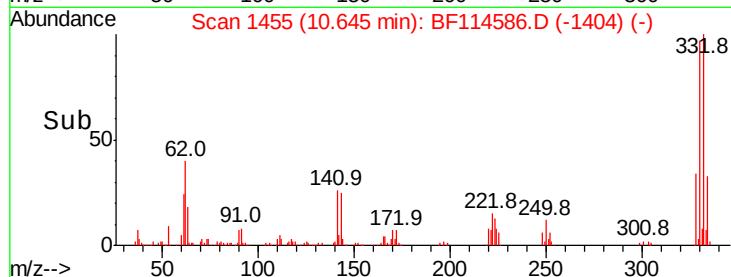
141 33.3 26.6 40.0



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: 97.287 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

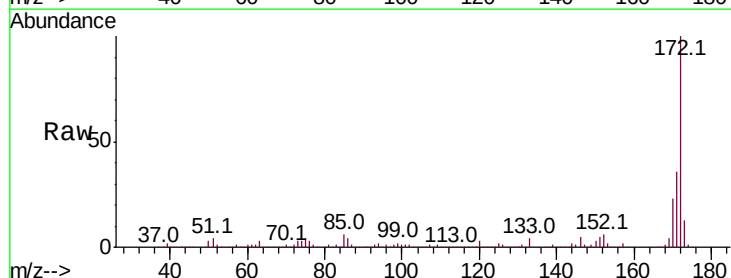
Tgt Ion:172 Resp: 1476341

Ion Ratio Lower Upper

172 100

171 35.7 30.7 46.1

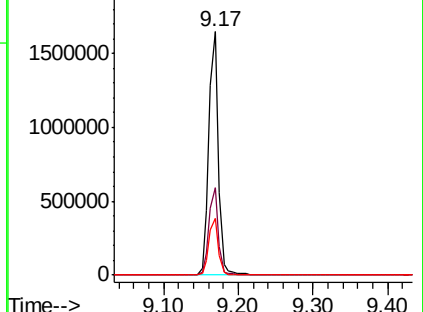
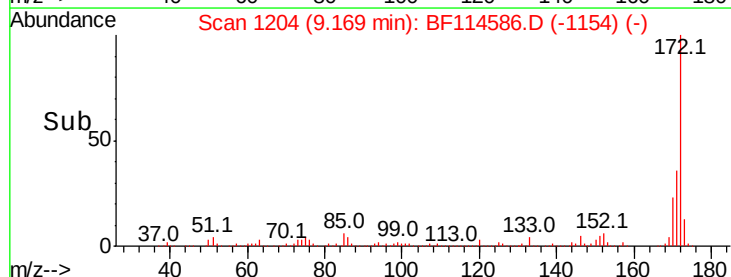
170 23.5 20.5 30.7

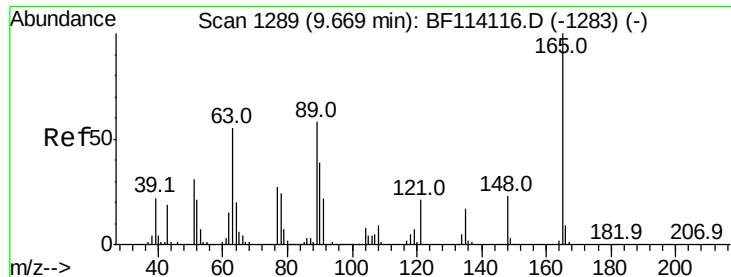


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

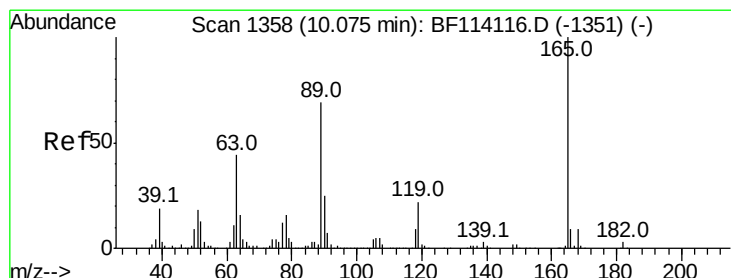
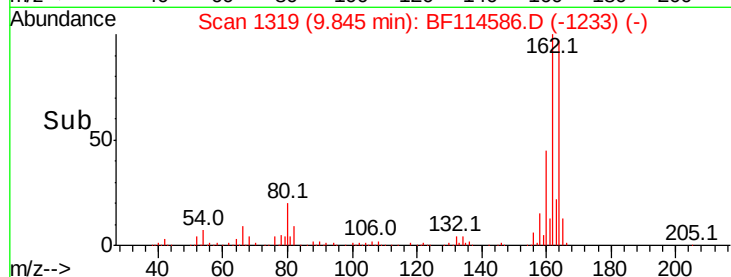
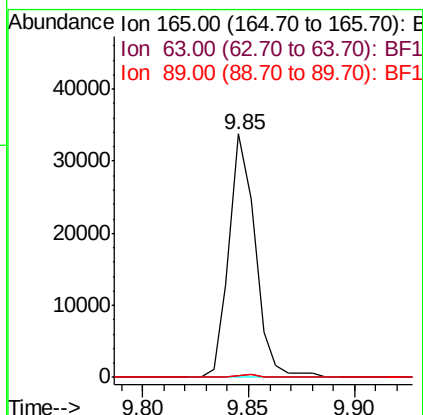
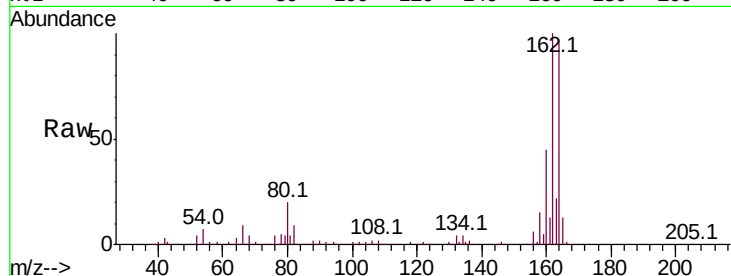




#51
 2,6-Dinitrotoluene
 Concen: 7.755 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF114586.D
 Acq: 24 May 2019 22:44

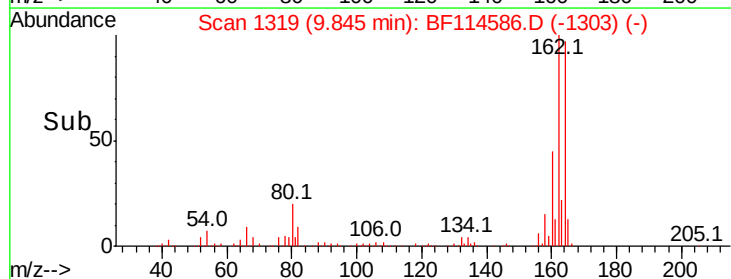
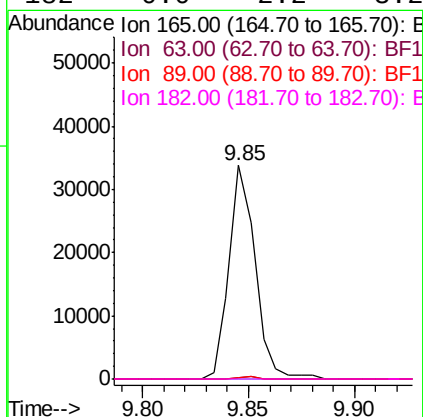
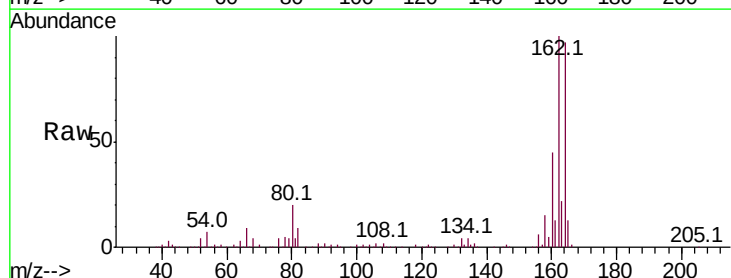
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

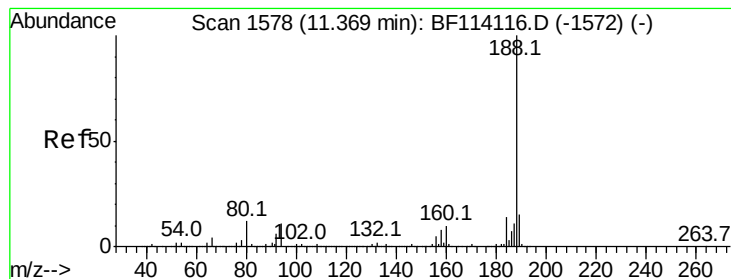
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	50.2	75.4#
89	0.9	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.713 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF114586.D
 Acq: 24 May 2019 22:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	35.5	53.3#
89	0.9	55.2	82.8#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

Instrument :

BNA_F

ClientSampleId :

TP-3-S

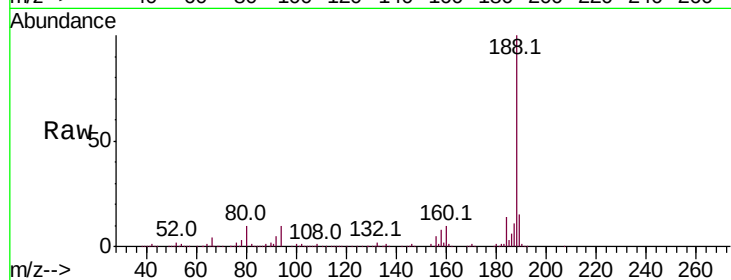
Tot Ion:188 Resp: 487397

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

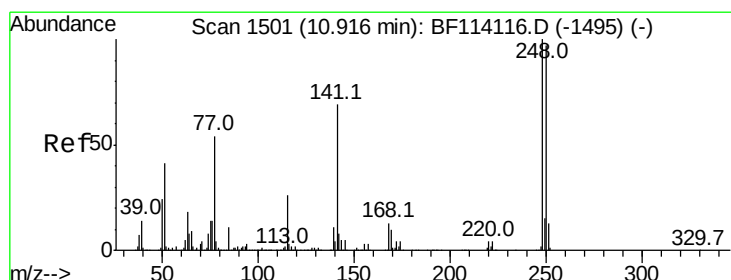
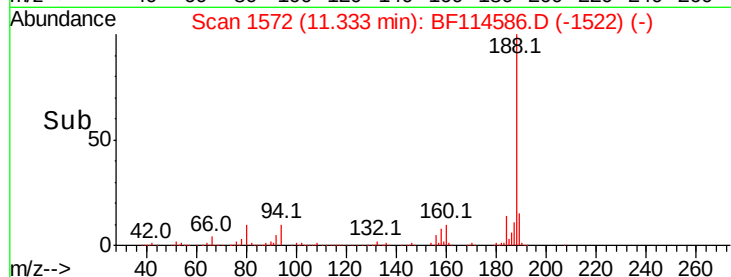
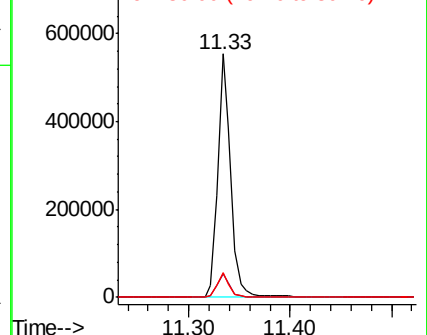
80 10.2 9.2 13.8



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: 4.306 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.24 min

Lab File: BF114586.D

Acq: 24 May 2019 22:44

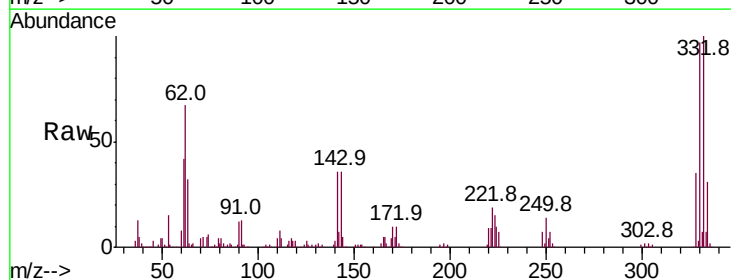
Tgt Ion:248 Resp: 23110

Ion Ratio Lower Upper

248 100

250 197.2 77.4 116.2#

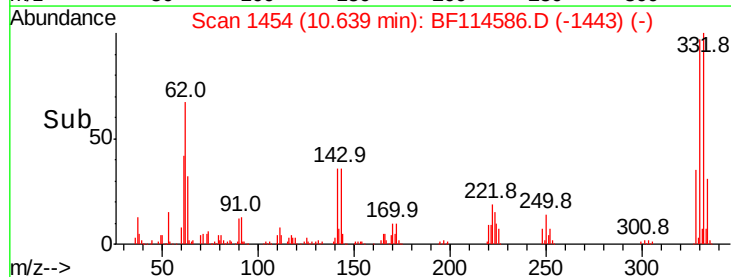
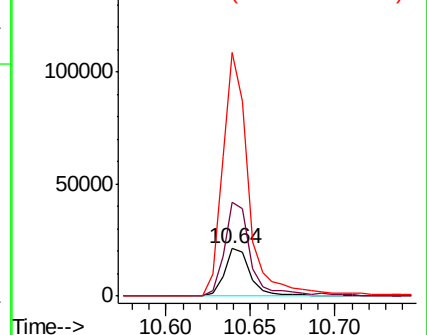
141 511.8 55.6 83.4#

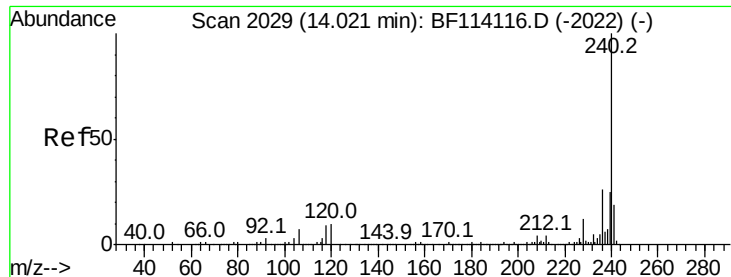


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

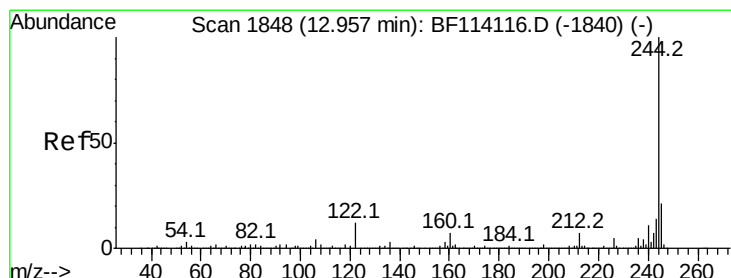
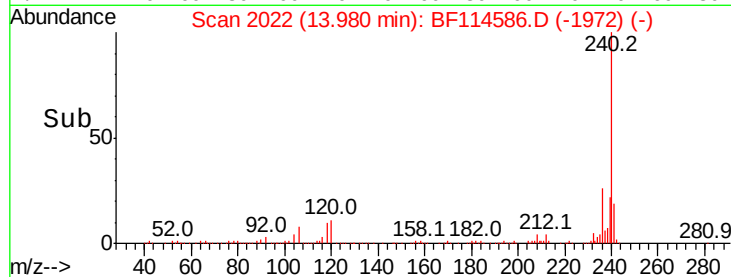
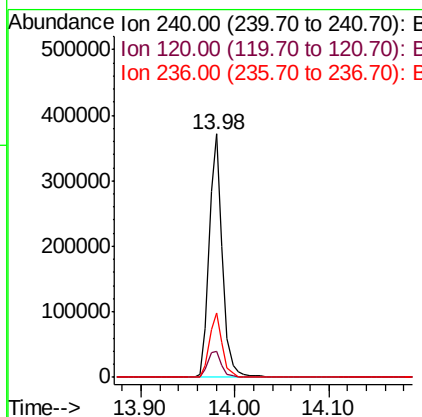
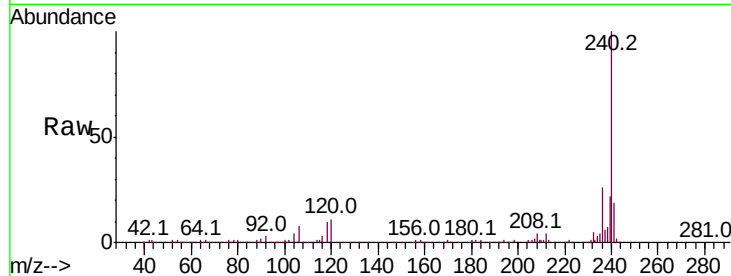




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114586.D
 Acq: 24 May 2019 22:44

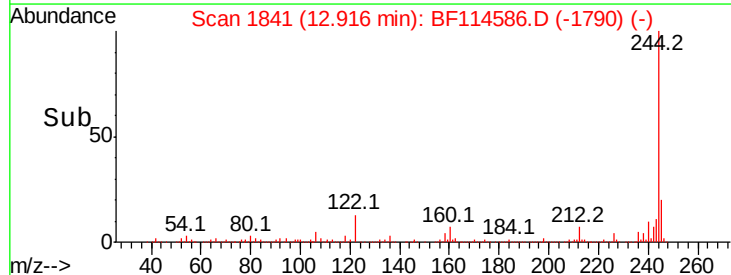
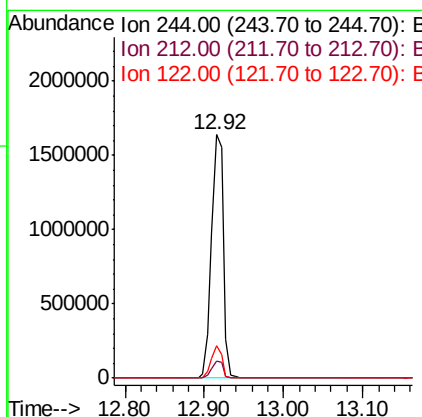
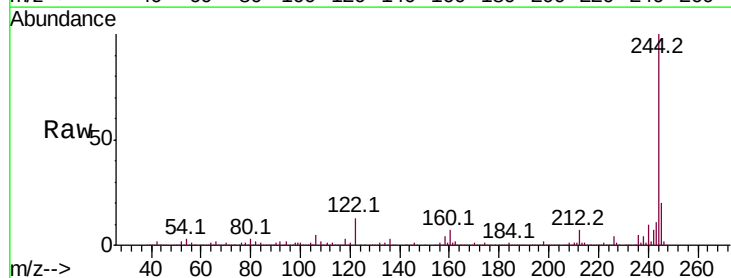
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

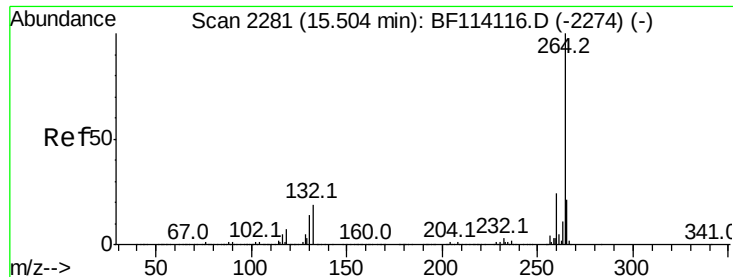
Tot Ion:240 Resp: 366035
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 26.5 20.8 31.2



#79
 Terphenyl-d14
 Concen: 95.933 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114586.D
 Acq: 24 May 2019 22:44

Tgt Ion:244 Resp: 1703422
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.2 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114586.D
Acq: 24 May 2019 22:44

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.8	16.9	25.3

