

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114720.D
 Acq On : 31 May 2019 21:28
 Operator : HP/JU
 Sample : K3124-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-D

Quant Time: Jun 01 00:27:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	433300	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1658665	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	804210	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1449198	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1004925	20.00	ng	0.00
87) Perylene-d12	15.20	264	890058	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2177366	88.23	ng	0.01
7) Phenol-d6	6.33	99	2690269	90.46	ng	0.00
23) Nitrobenzene-d5	7.25	82	1677189	63.09	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	740349	96.62	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2945722	65.05	ng	0.00
79) Terphenyl-d14	12.77	244	2919237	54.62	ng	0.00

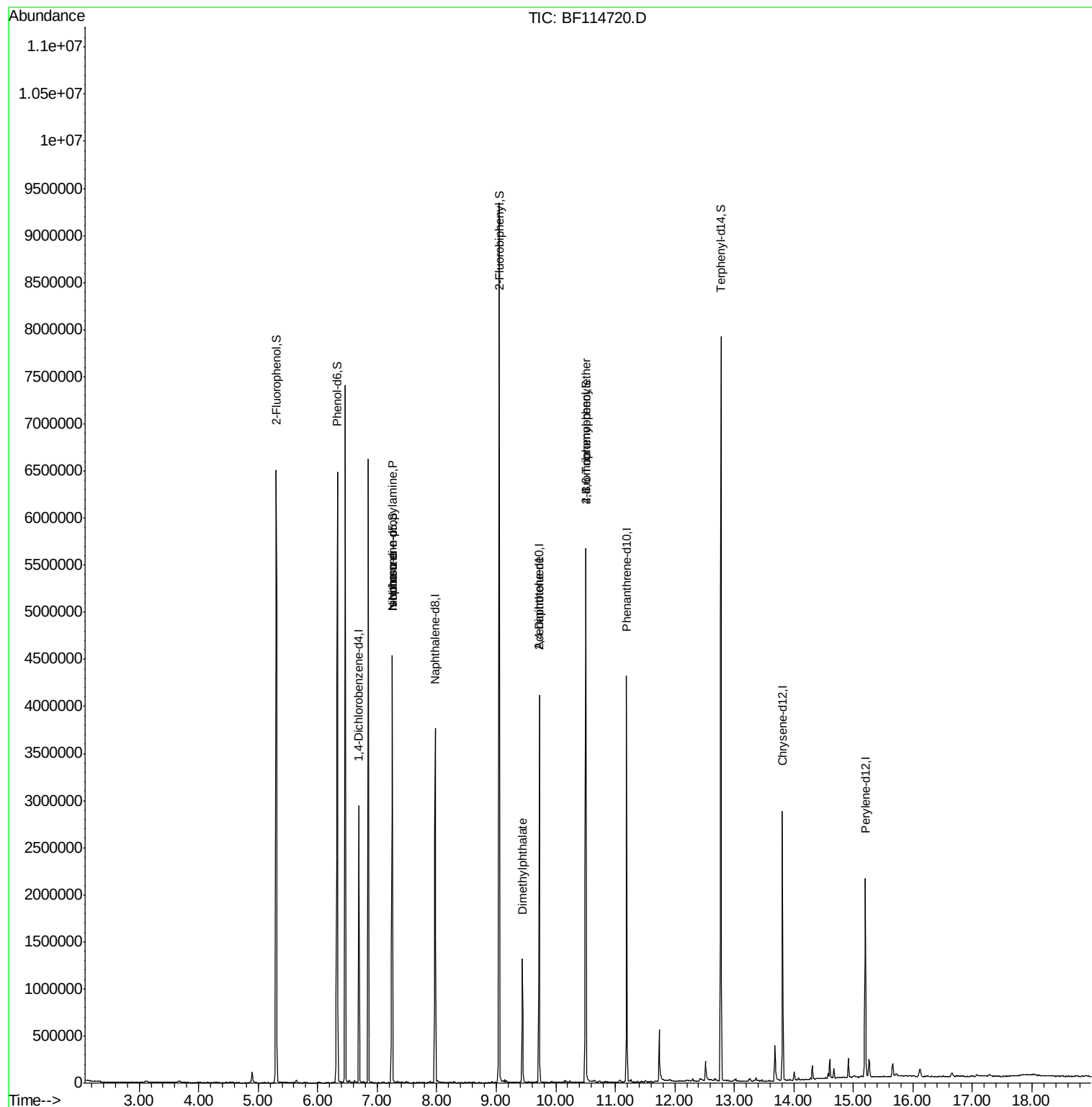
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	4724	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.25	70	226634	11.040	ng	# 76
25) Isophorone	7.25	82	1618084	30.327	ng	# 63
50) Dimethylphthalate	9.44	163	489472	8.735	ng	# 99
57) 2,4-Dinitrotoluene	9.72	165	103952	6.220	ng	# 23
58) Fluorene	10.50	166	33056	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.50	248	47036	3.027	ng	# 1
74) Di-n-butylphthalate	11.76	149	7460	Below Cal	#	95

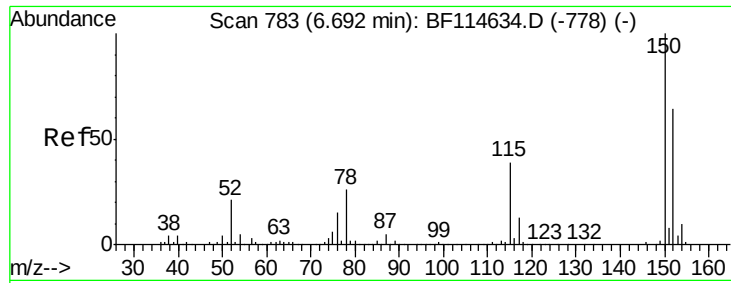
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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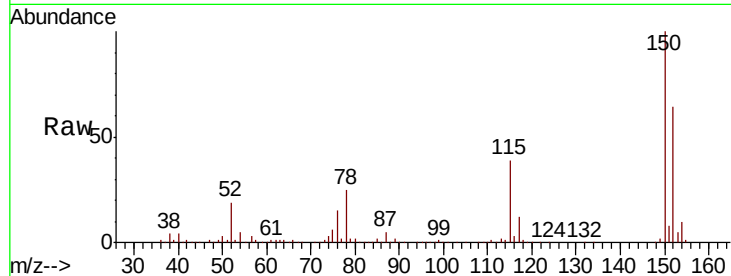


#1

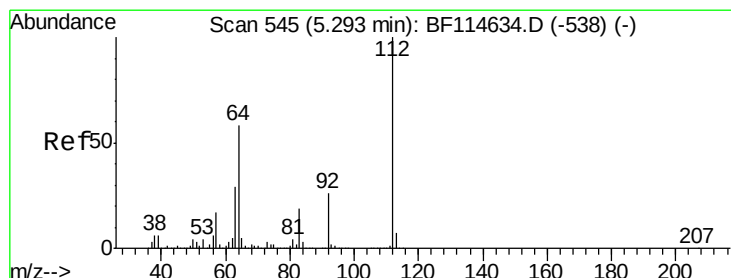
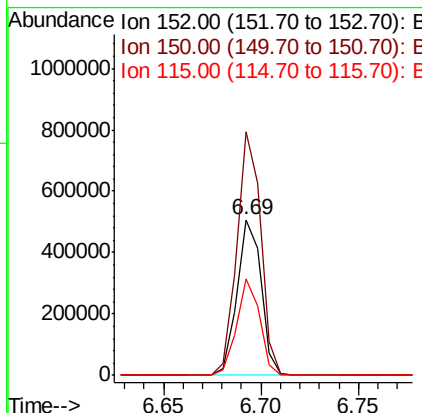
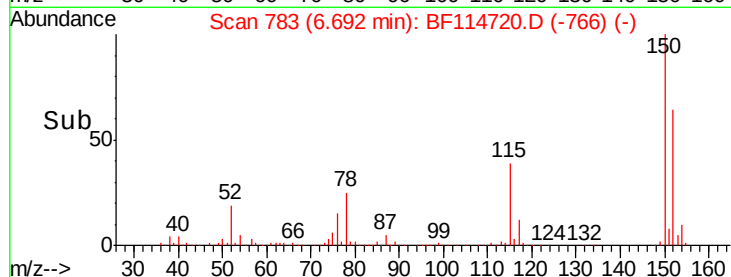
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114720.D
Acq: 31 May 2019 21:28

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion:152 Resp: 433300
Ion Ratio Lower Upper
152 100
150 156.6 124.4 186.6
115 61.8 48.7 73.1



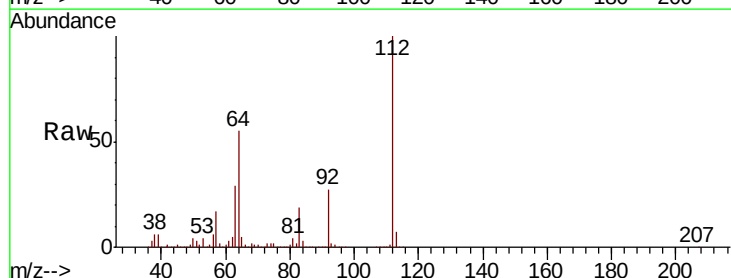
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



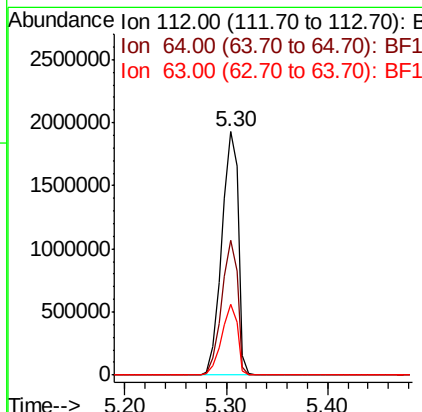
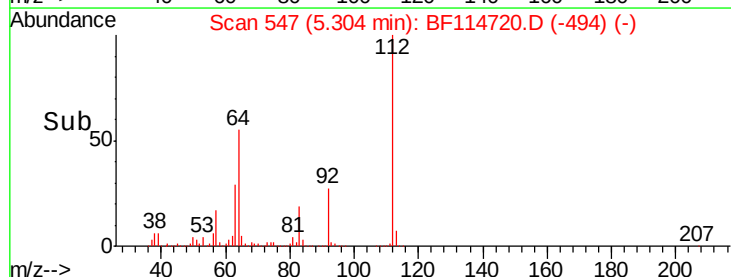
#5

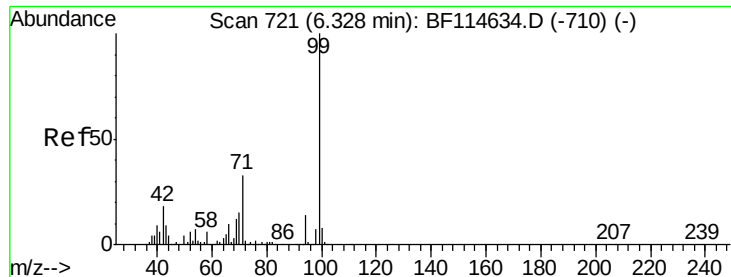
2-Fluorophenol
Concen: 88.226 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114720.D
Acq: 31 May 2019 21:28

Tgt Ion:112 Resp: 2177366
Ion Ratio Lower Upper
112 100
64 55.4 46.1 69.1
63 28.9 23.4 35.2



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: 90.461 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114720.D

Acq: 31 May 2019 21:28

Instrument :

BNA_F

ClientSampleId :

TP-25-D

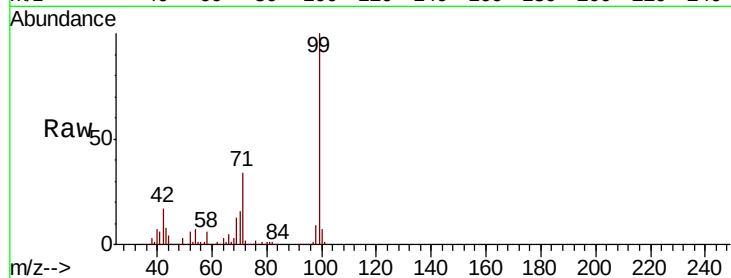
Tgt Ion: 99 Resp: 2690269

Ion Ratio Lower Upper

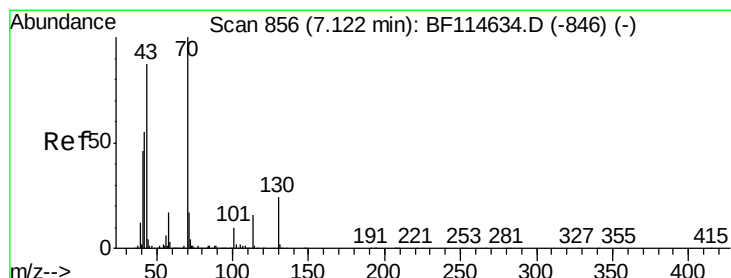
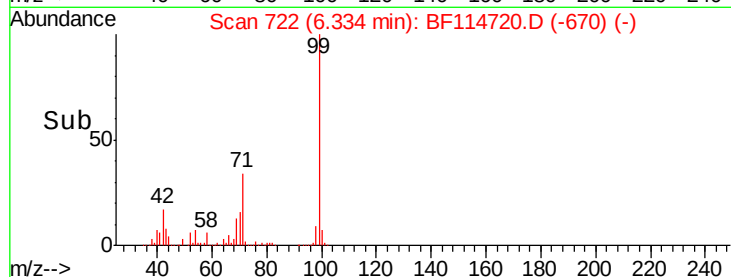
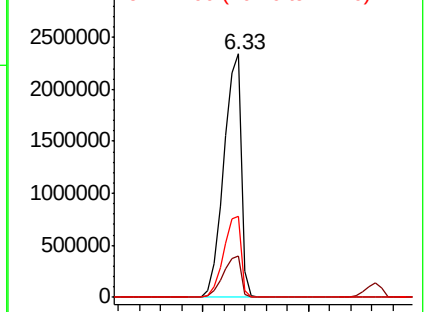
99 100

42 16.8 14.7 22.1

71 33.5 26.6 40.0



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: 11.040 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114720.D

Acq: 31 May 2019 21:28

Tgt Ion: 70 Resp: 226634

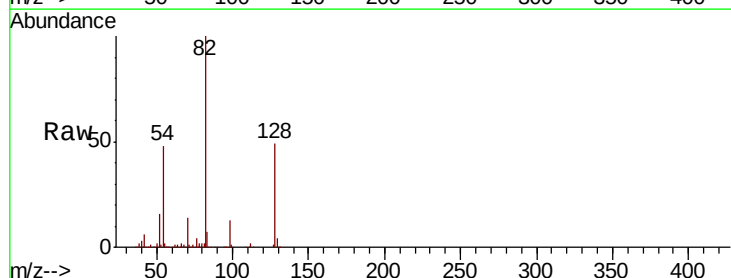
Ion Ratio Lower Upper

70 100

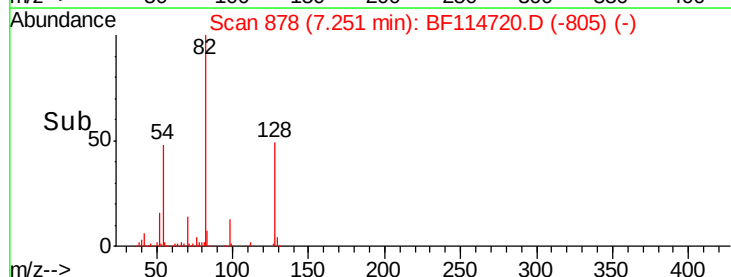
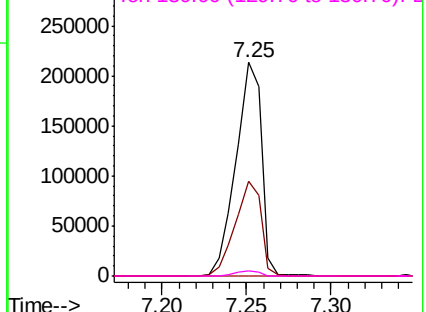
42 44.6 44.4 66.6

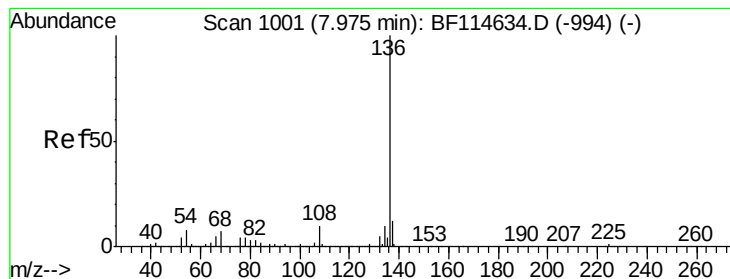
101 0.0 8.2 12.4#

130 2.4 19.4 29.0#



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: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114720.D

Acq: 31 May 2019 21:28

Instrument :

BNA_F

ClientSampleId :

TP-25-D

Tgt Ion:136 Resp: 1658665

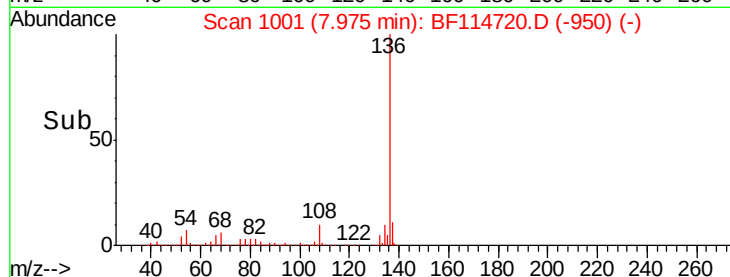
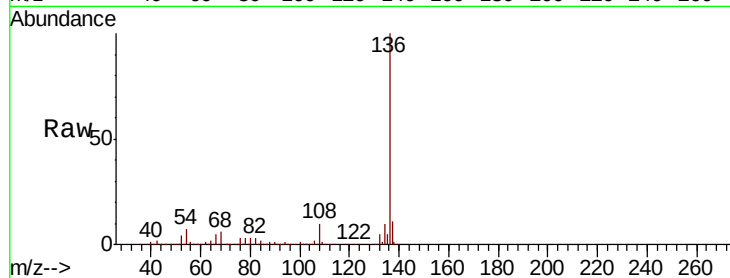
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 6.9 6.3 9.5

68 5.9 5.4 8.0

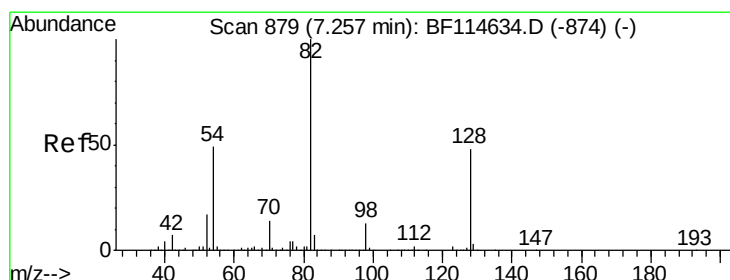
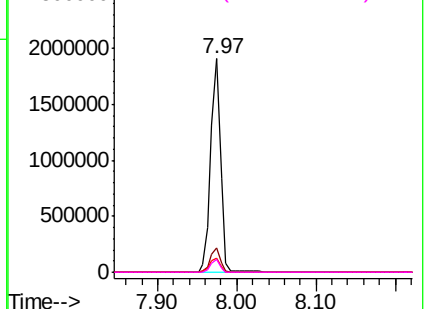


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.086 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF114720.D

Acq: 31 May 2019 21:28

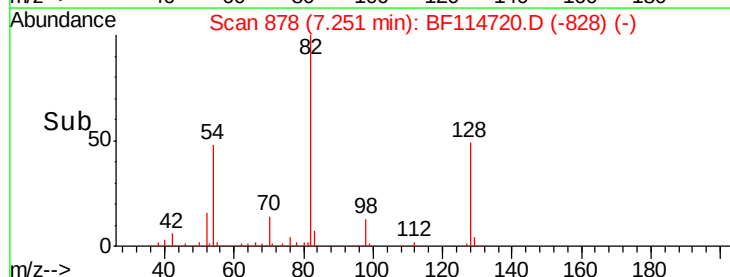
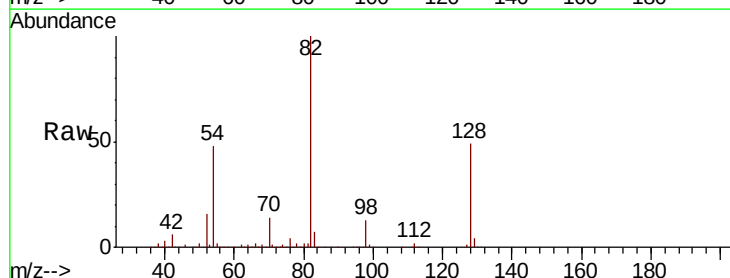
Tgt Ion: 82 Resp: 1677189

Ion Ratio Lower Upper

82 100

128 49.3 38.5 57.7

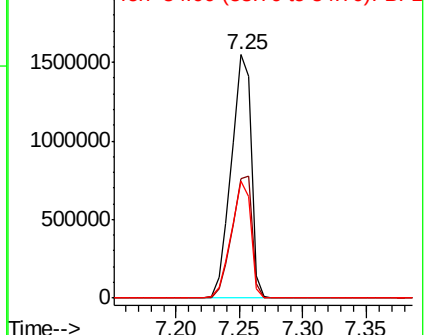
54 47.9 39.1 58.7

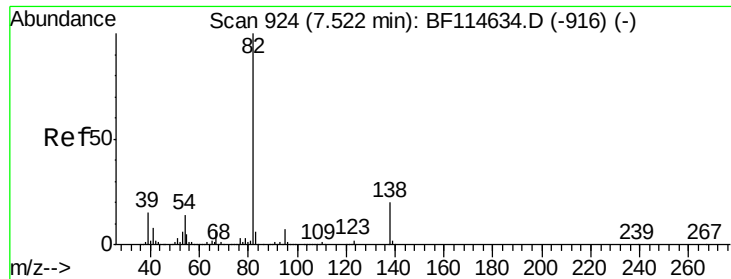


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

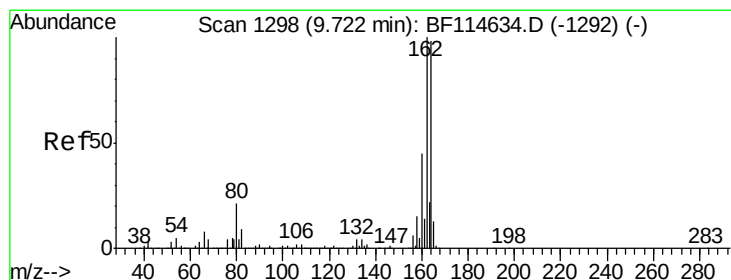
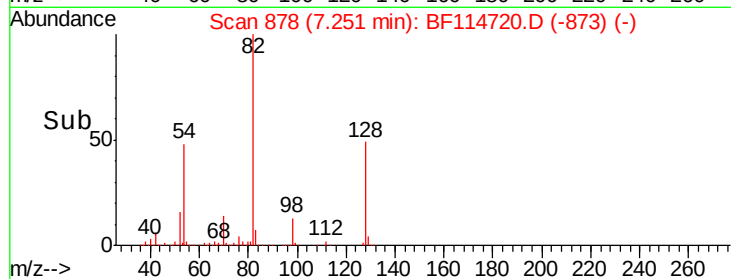
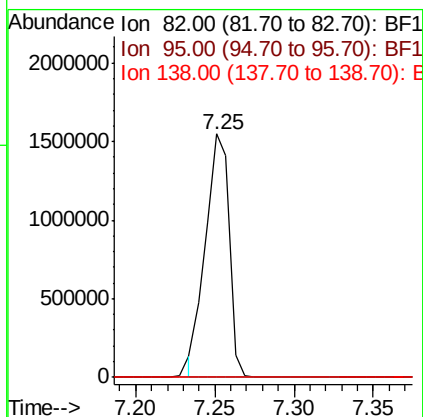
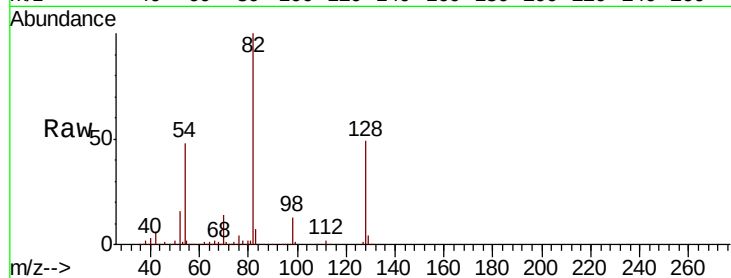




#25
Isophorone
Concen: 30.327 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF114720.D
Acq: 31 May 2019 21:28

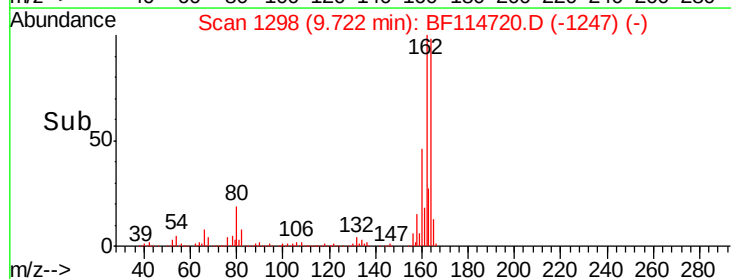
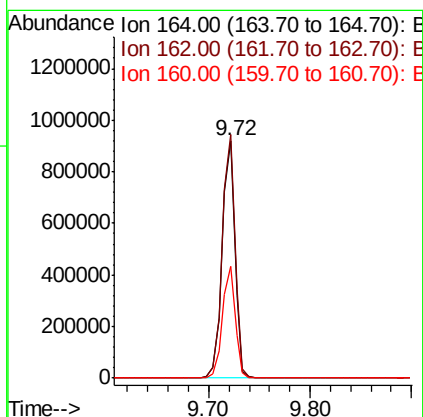
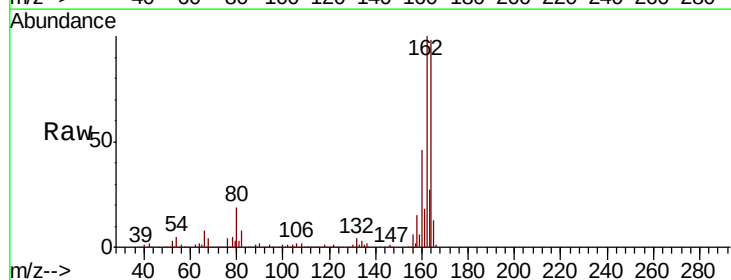
Instrument :
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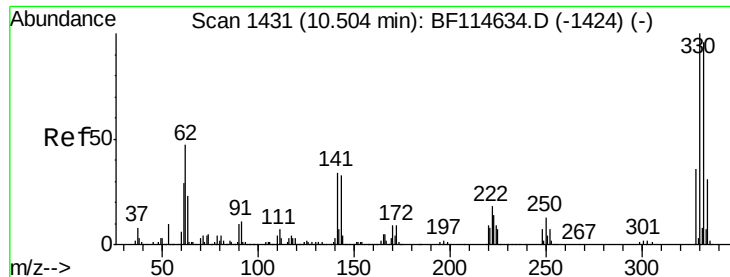
Tgt Ion: 82 Resp: 1618084
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.9 23.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114720.D
Acq: 31 May 2019 21:28

Tgt Ion: 164 Resp: 804210
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.2
160 47.2 36.6 54.8

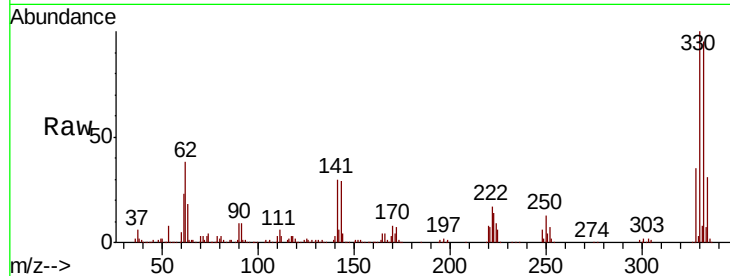




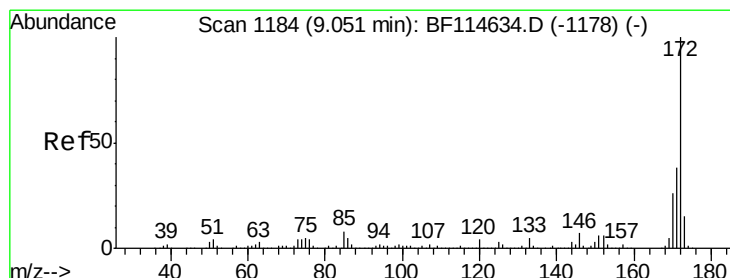
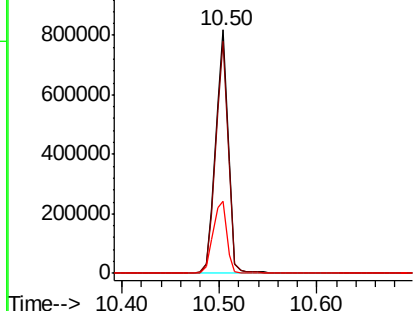
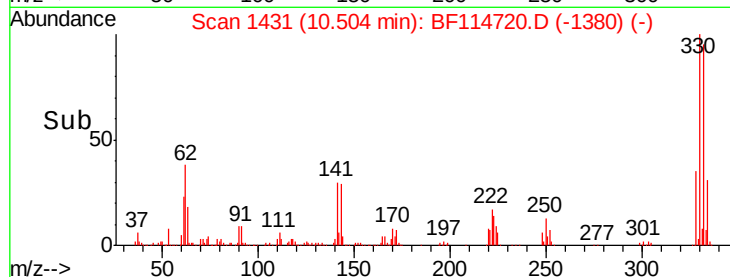
#42
 2,4,6-Tribromophenol
 Concen: 96.615 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114720.D
 Acq: 31 May 2019 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-D

Tgt Ion:330 Resp: 740349
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.8 113.8
 141 32.9 27.8 41.8

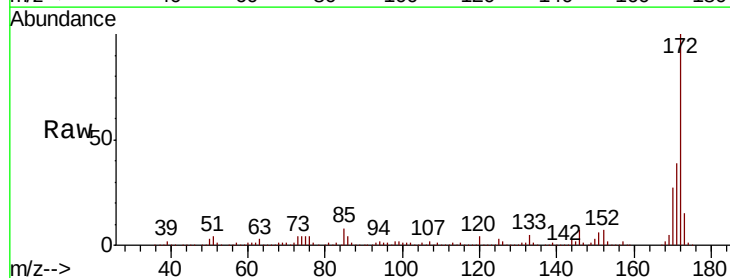


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

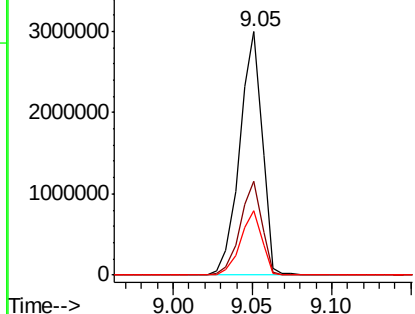
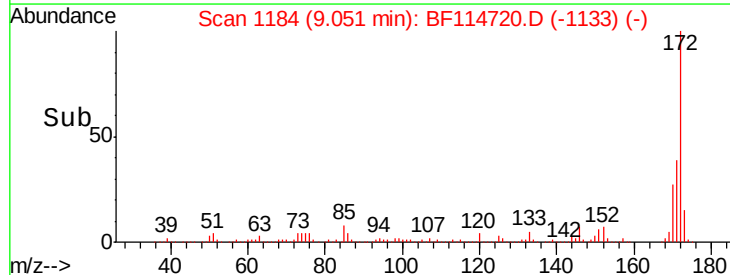


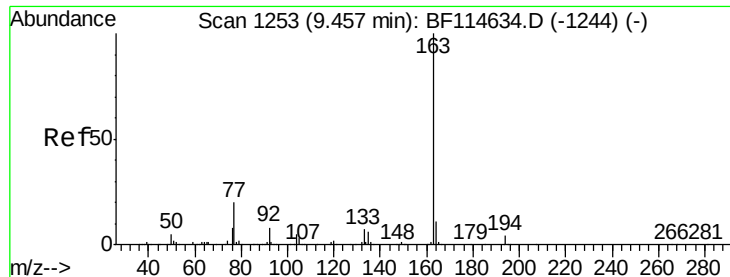
#45
 2-Fluorobiphenyl
 Concen: 65.051 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114720.D
 Acq: 31 May 2019 21:28

Tgt Ion:172 Resp: 2945722
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.6 45.8
 170 26.5 20.7 31.1



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: 8.735 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114720.D

Acq: 31 May 2019 21:28

Instrument :

BNA_F

ClientSampleId :

TP-25-D

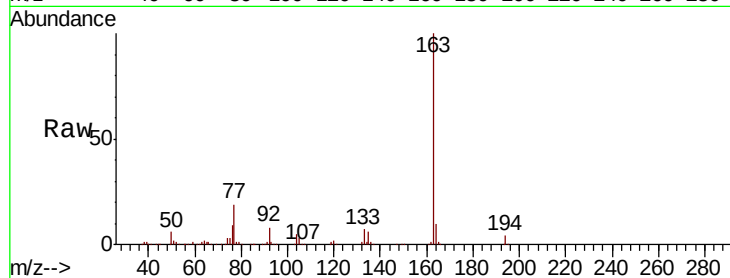
Tgt Ion:163 Resp: 489472

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 10.4 8.6 13.0

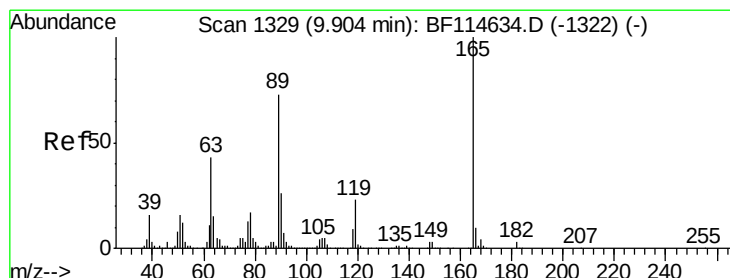
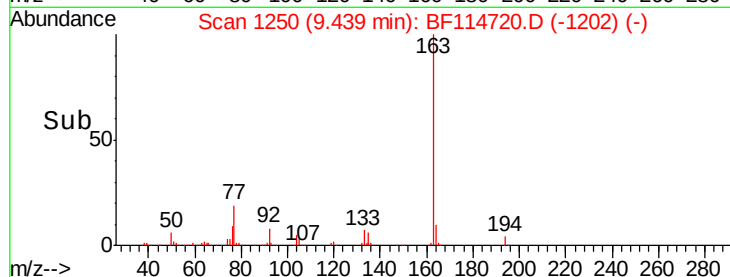
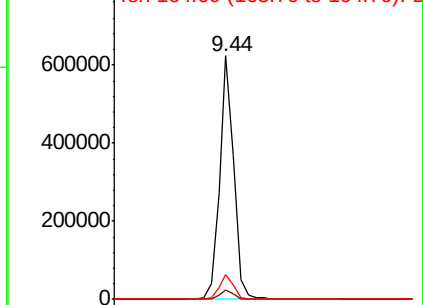


Abundance

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: 6.220 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF114720.D

Acq: 31 May 2019 21:28

Tgt Ion:165 Resp: 103952

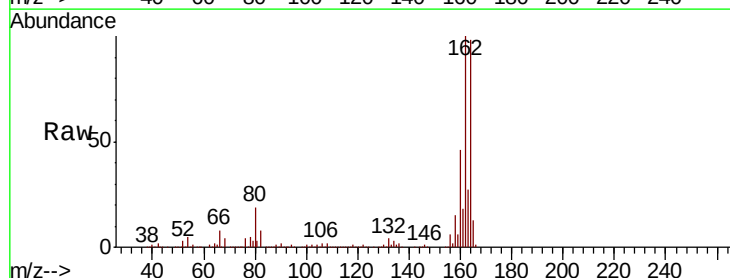
Ion Ratio Lower Upper

165 100

63 1.0 34.8 52.2#

89 1.4 58.5 87.7#

182 0.0 2.2 3.2#



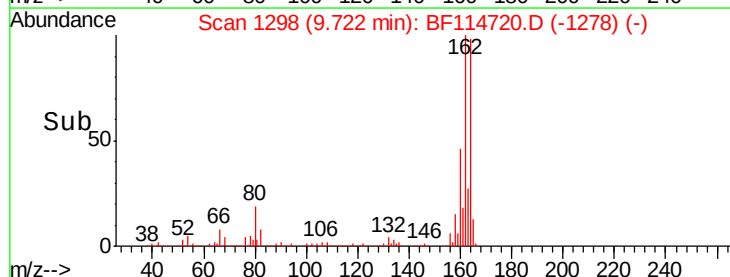
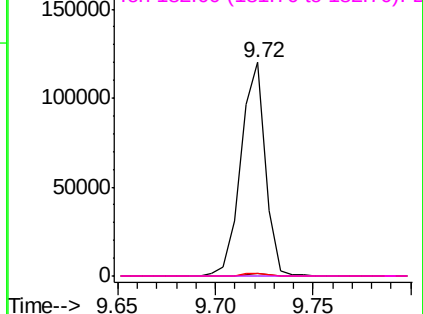
Abundance

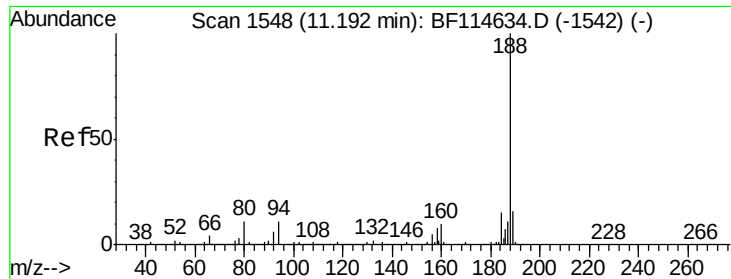
Ion 165.00 (164.70 to 165.70): E

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: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114720.D

Acq: 31 May 2019 21:28

Instrument :

BNA_F

ClientSampleId :

TP-25-D

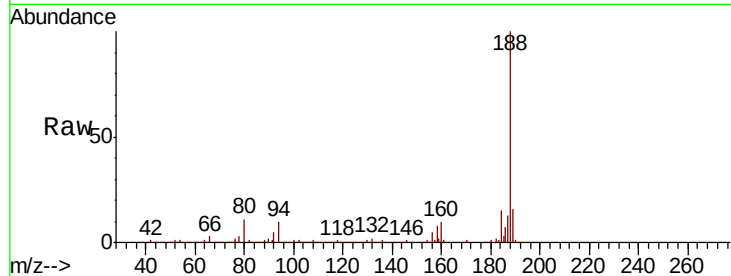
Tgt Ion:188 Resp: 1449198

Ion Ratio Lower Upper

188 100

94 10.3 8.6 13.0

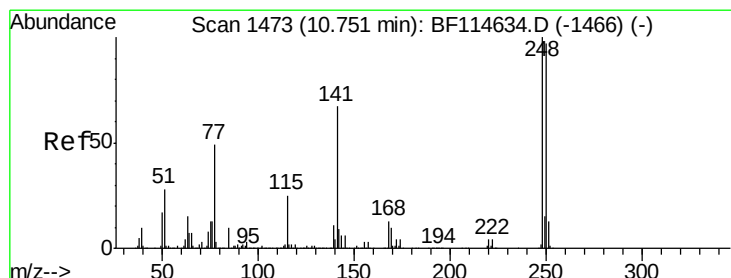
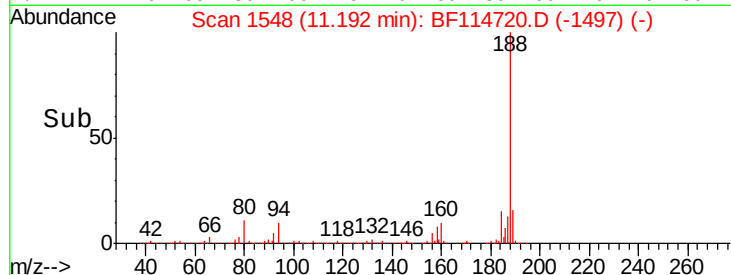
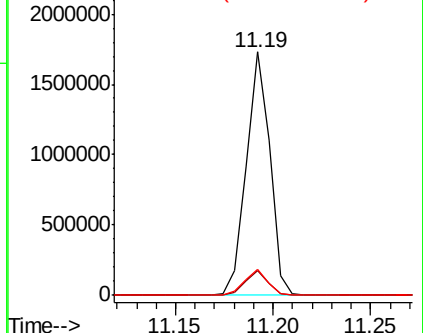
80 10.6 9.0 13.6



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: 3.027 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.25 min

Lab File: BF114720.D

Acq: 31 May 2019 21:28

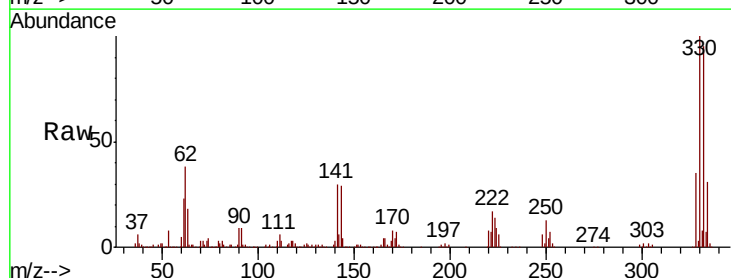
Tgt Ion:248 Resp: 47036

Ion Ratio Lower Upper

248 100

250 199.3 78.0 117.0#

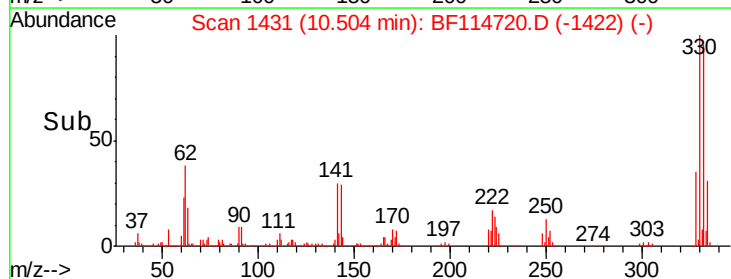
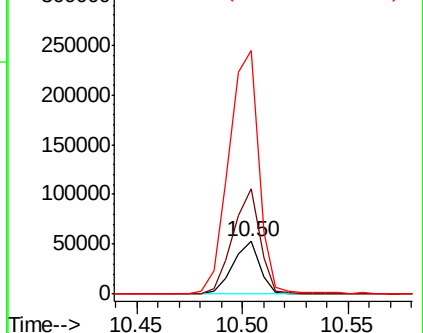
141 462.1 53.8 80.8#

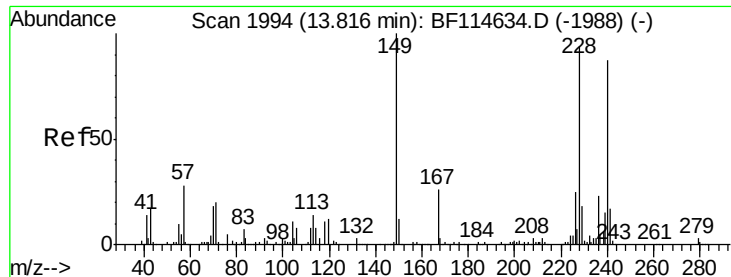


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

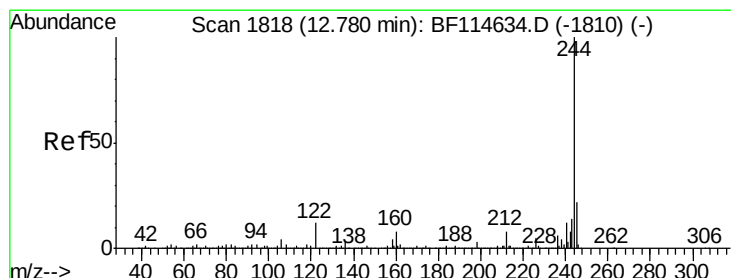
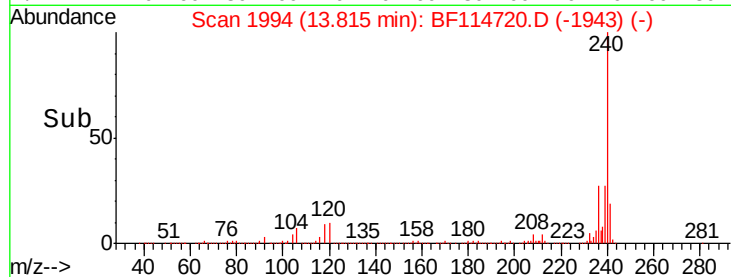
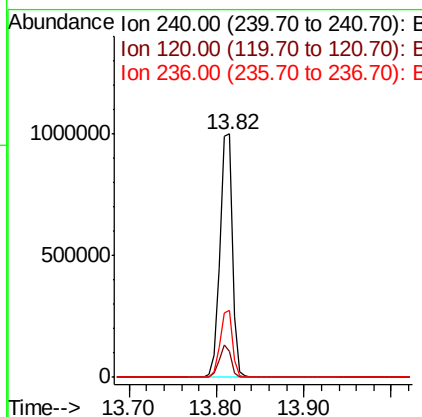
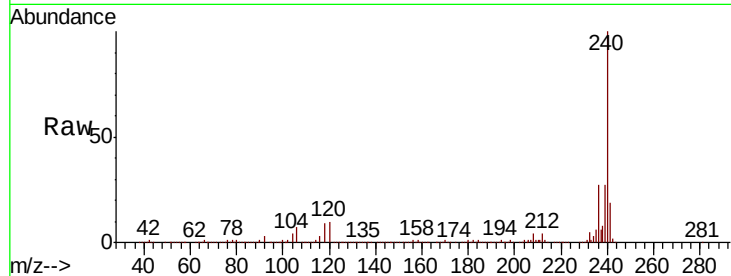




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114720.D
Acq: 31 May 2019 21:28

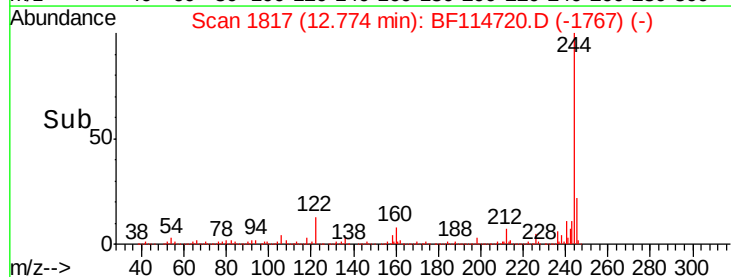
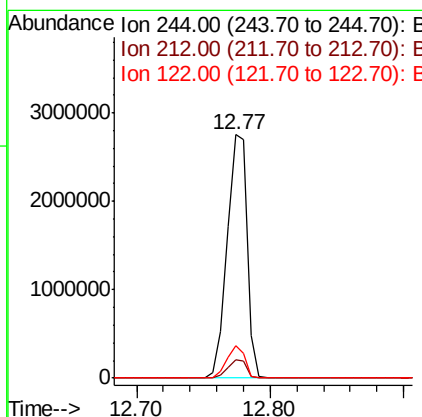
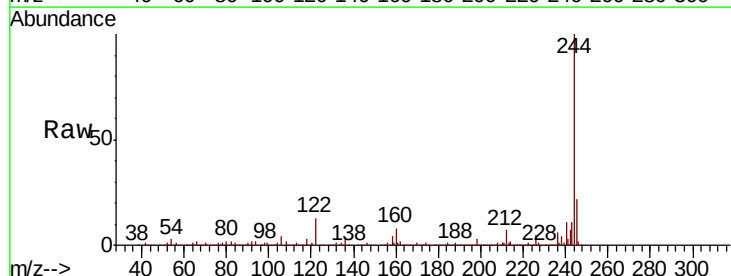
Instrument :
BNA_F
ClientSampled :
TP-25-D

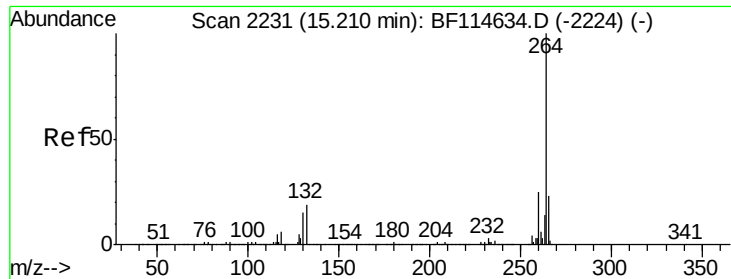
Tgt Ion:240 Resp: 1004925
Ion Ratio Lower Upper
240 100
120 10.5 11.2 16.8#
236 27.5 21.2 31.8



#79
Terphenyl-d14
Concen: 54.617 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF114720.D
Acq: 31 May 2019 21:28

Tgt Ion:244 Resp: 2919237
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.3 9.8 14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114720.D
Acq: 31 May 2019 21:28

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tgt Ion: 264 Resp: 890058
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 21.7 18.1 27.1

