

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114725.D
 Acq On : 31 May 2019 23:41
 Operator : HP/JU
 Sample : K3124-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-S

Quant Time: Jun 01 00:28:21 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	440174	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1689986	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	820849	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1509950	20.00	ng	0.00
76) Chrysene-d12	13.81	240	977376	20.00	ng	0.00
87) Perylene-d12	15.20	264	874114	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	2834038	113.04	ng	0.02
7) Phenol-d6	6.33	99	3541088	117.21	ng	0.00
23) Nitrobenzene-d5	7.26	82	2234052	82.47	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1013621	129.60	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3634718	82.76	ng	0.00
79) Terphenyl-d14	12.78	244	3489844	67.13	ng	0.00

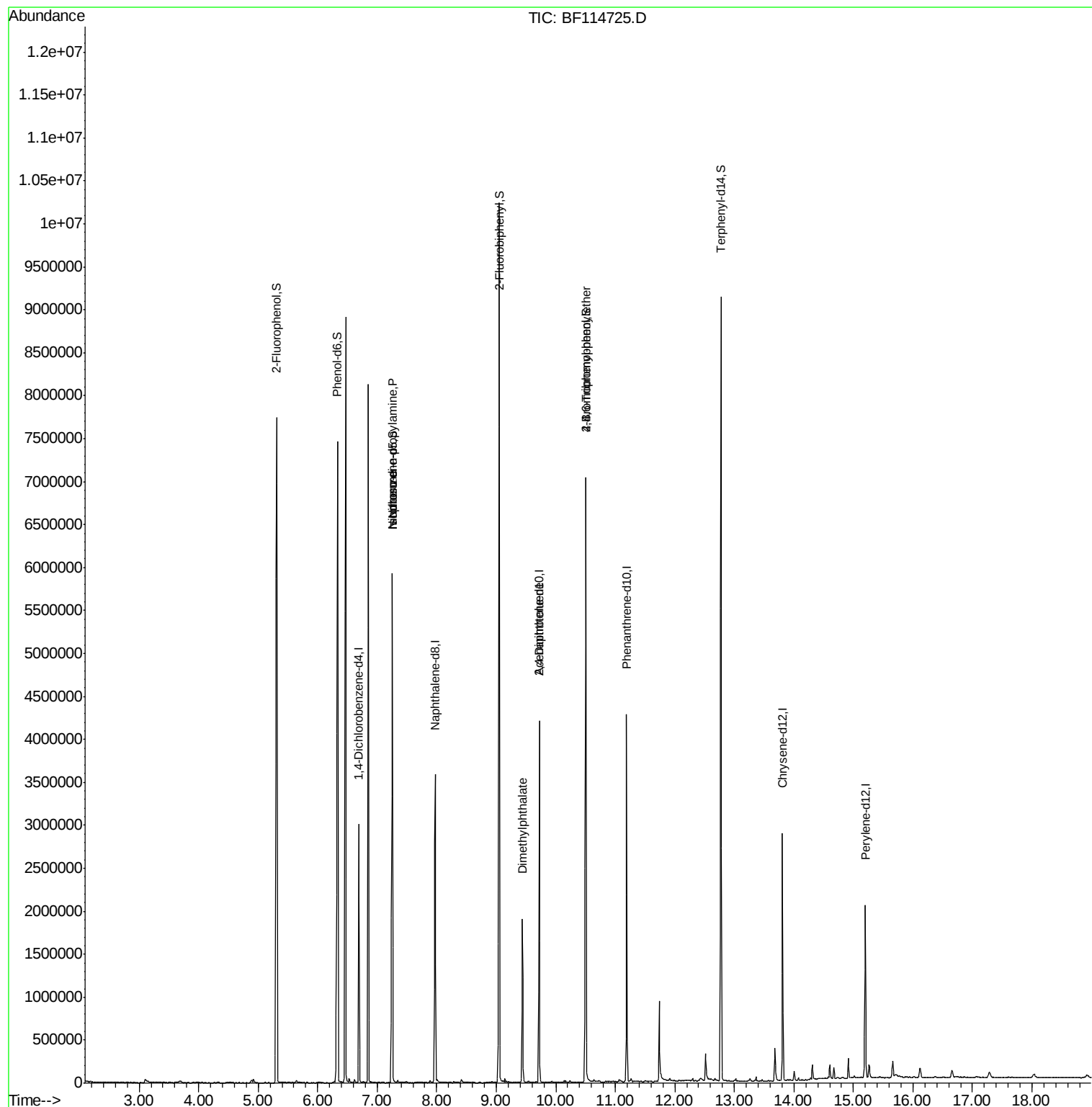
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	5886	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	306622	14.704	ng	# 75
25) Isophorone	7.26	82	2133376	39.244	ng	# 63
50) Dimethylphthalate	9.44	163	741275	12.960	ng	# 99
57) 2,4-Dinitrotoluene	9.72	165	105380	6.178	ng	# 24
58) Fluorene	10.50	166	44062	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.50	248	64890	4.007	ng	# 1
74) Di-n-butylphthalate	11.76	149	13411	Below Cal		96

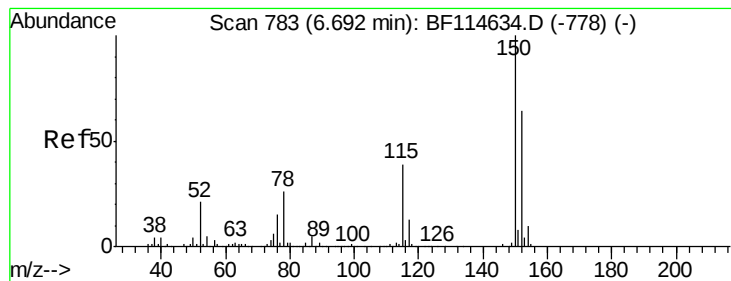
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114725.D
Acq On : 31 May 2019 23:41
Operator : HP/JU
Sample : K3124-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Quant Time: Jun 01 00:28:21 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



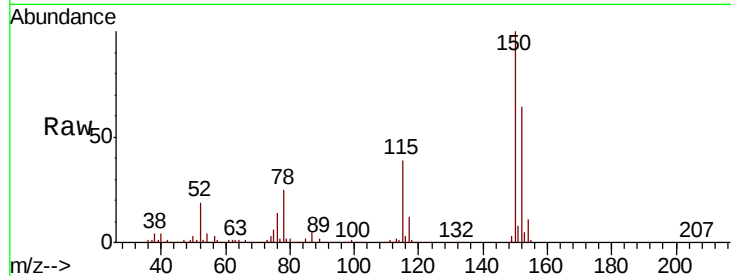


#1

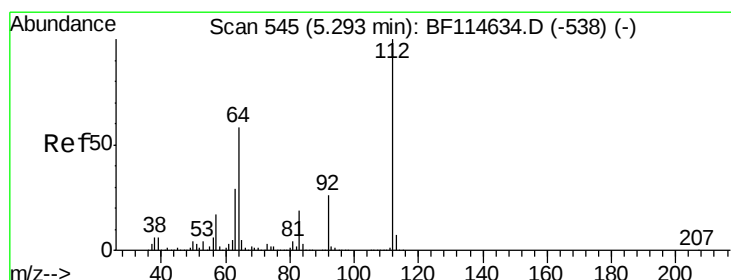
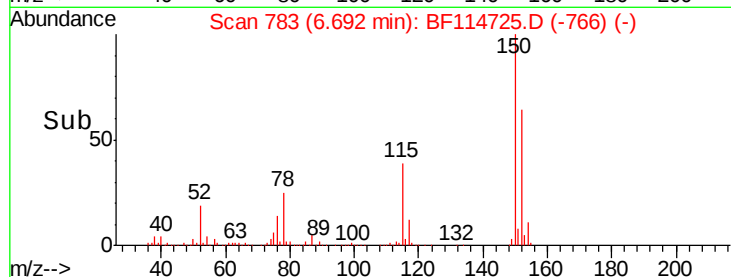
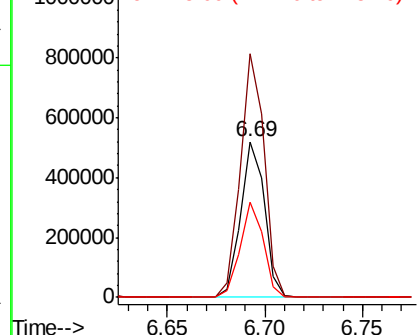
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion:152 Resp: 440174
Ion Ratio Lower Upper
152 100
150 156.5 124.4 186.6
115 61.0 48.7 73.1



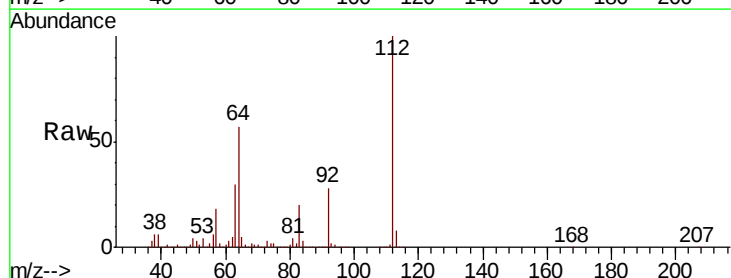
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



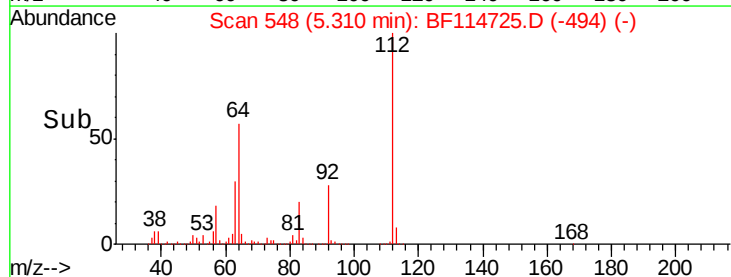
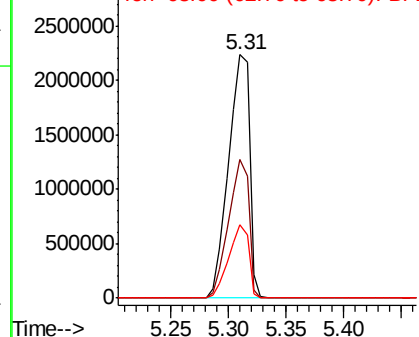
#5

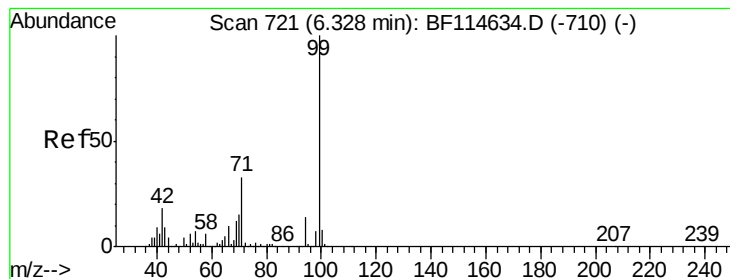
2-Fluorophenol
Concen: 113.040 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Tgt Ion:112 Resp: 2834038
Ion Ratio Lower Upper
112 100
64 57.0 46.1 69.1
63 29.9 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: 117.210 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114725.D

Acq: 31 May 2019 23:41

Instrument :

BNA_F

ClientSampleId :

TP-25-S

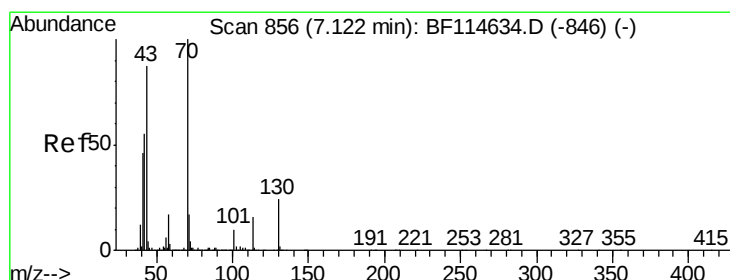
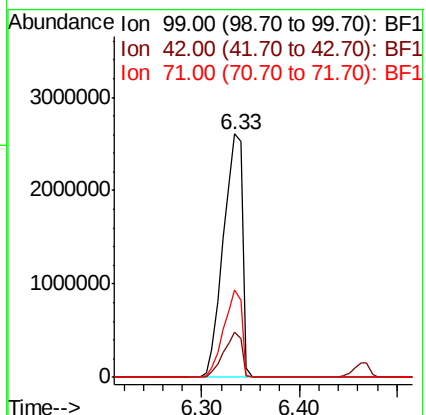
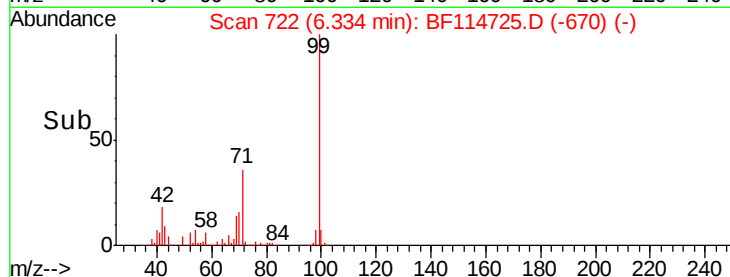
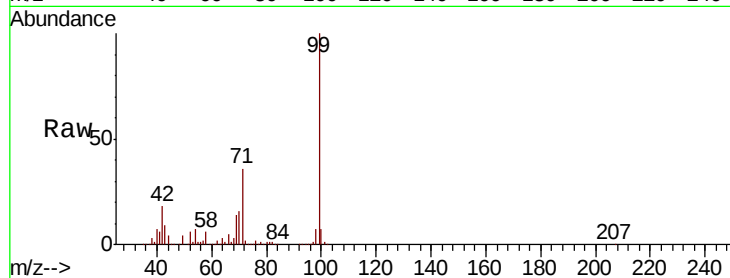
Tgt Ion: 99 Resp: 3541088

Ion Ratio Lower Upper

99 100

42 18.5 14.7 22.1

71 36.0 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.704 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114725.D

Acq: 31 May 2019 23:41

Tgt Ion: 70 Resp: 306622

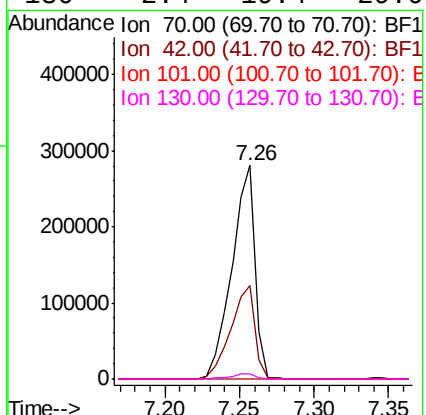
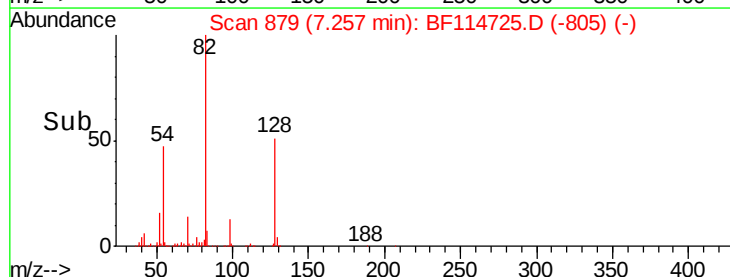
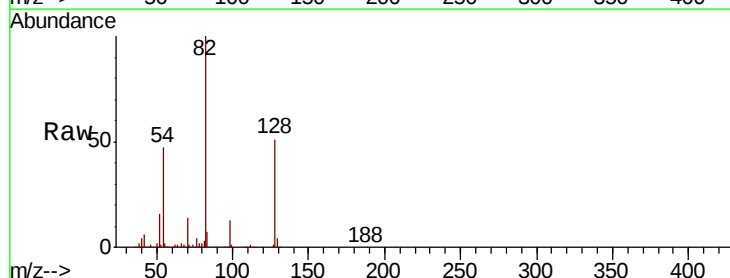
Ion Ratio Lower Upper

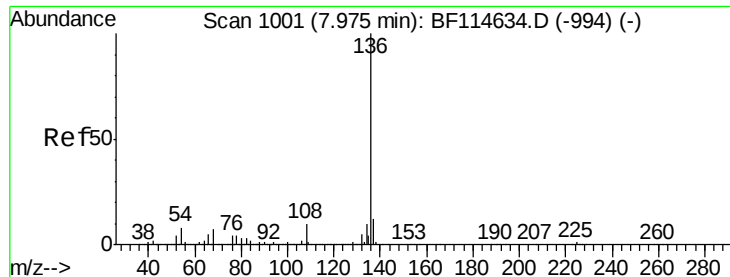
70 100

42 43.6 44.4 66.6#

101 0.0 8.2 12.4#

130 2.4 19.4 29.0#

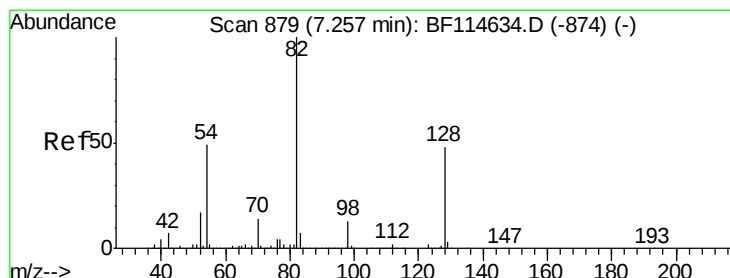
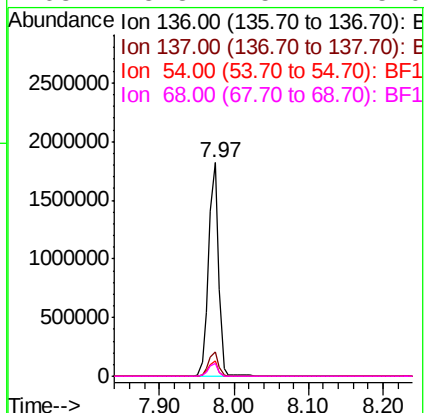
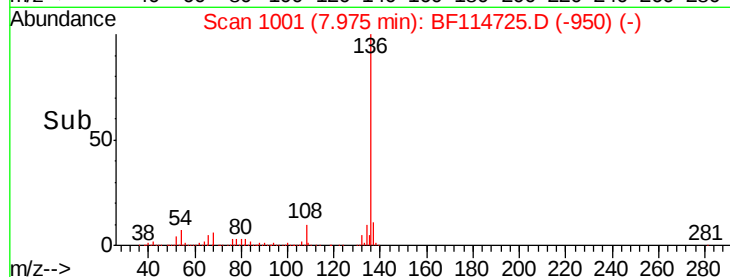
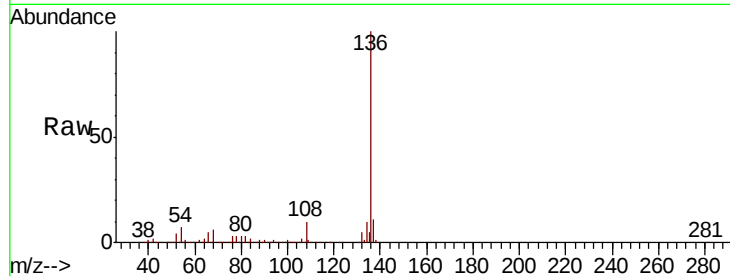




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

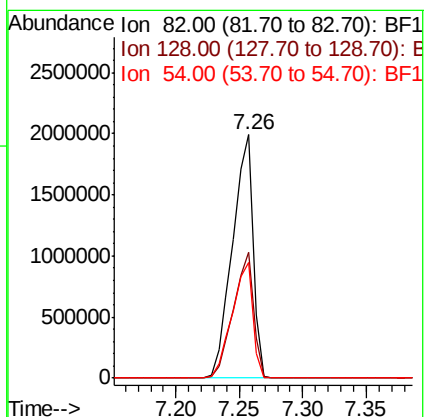
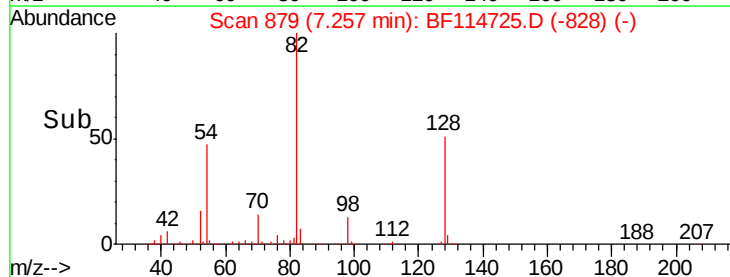
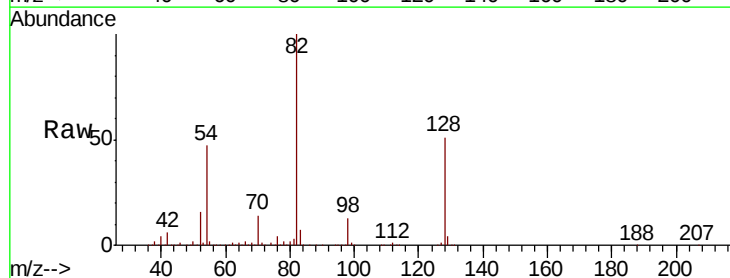
Instrument :
BNA_F
ClientSampled :
TP-25-S

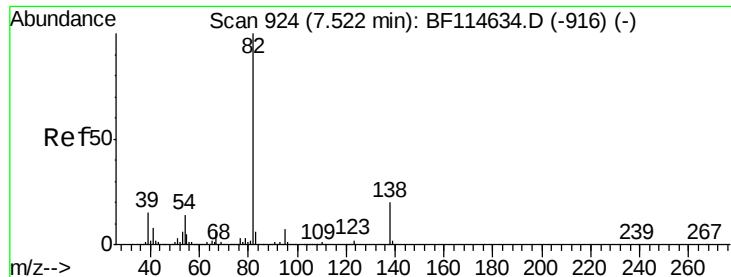
Tgt Ion:136 Resp: 1689986
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 6.9 6.3 9.5
68 5.8 5.4 8.0



#23
Nitrobenzene-d5
Concen: 82.474 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Tgt Ion: 82 Resp: 2234052
Ion Ratio Lower Upper
82 100
128 51.4 38.5 57.7
54 47.3 39.1 58.7





#25

Isophorone

Concen: 39.244 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114725.D

Acq: 31 May 2019 23:41

Instrument :

BNA_F

ClientSampled :

TP-25-S

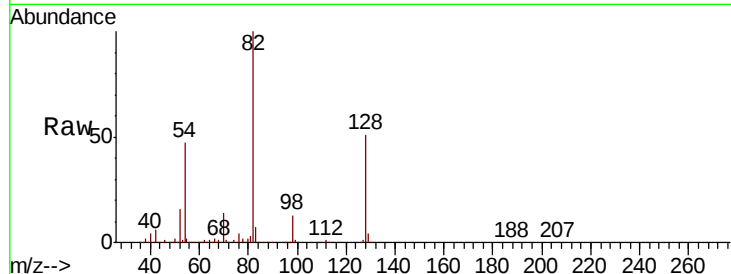
Tgt Ion: 82 Resp: 2133376

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

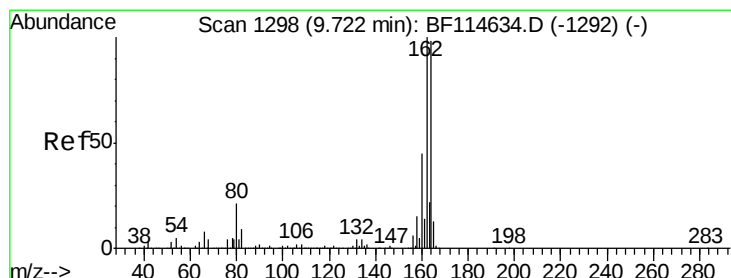
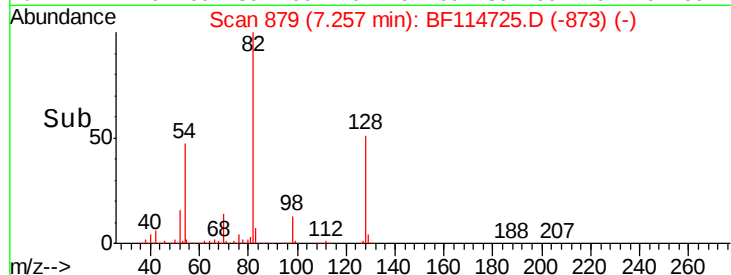
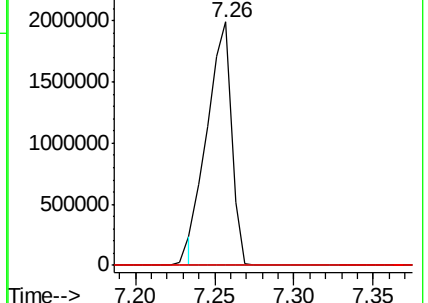
138 0.0 15.9 23.9#



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: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114725.D

Acq: 31 May 2019 23:41

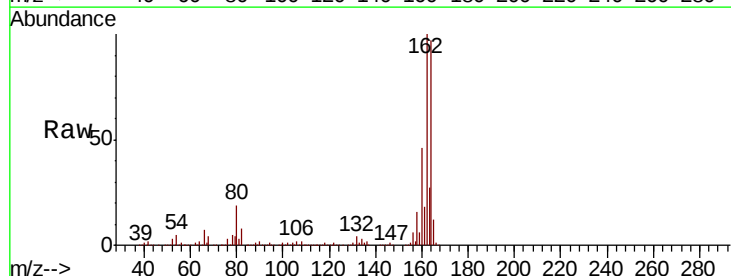
Tgt Ion: 164 Resp: 820849

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.2

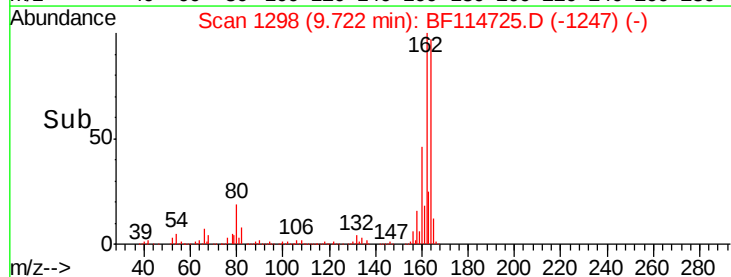
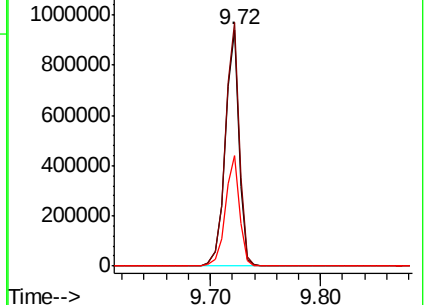
160 46.9 36.6 54.8

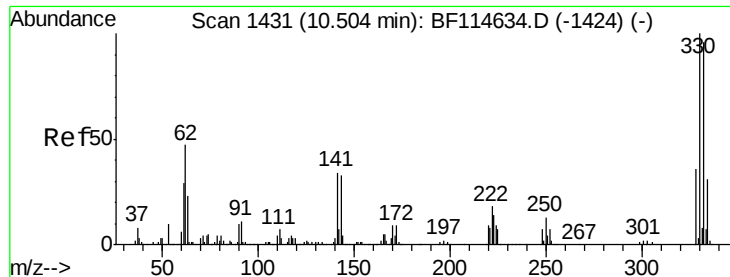


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 129.596 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF114725.D

Acq: 31 May 2019 23:41

Instrument :

BNA_F

ClientSampleId :

TP-25-S

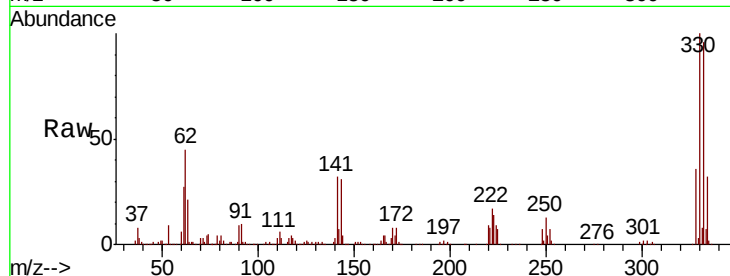
Tgt Ion:330 Resp: 1013621

Ion Ratio Lower Upper

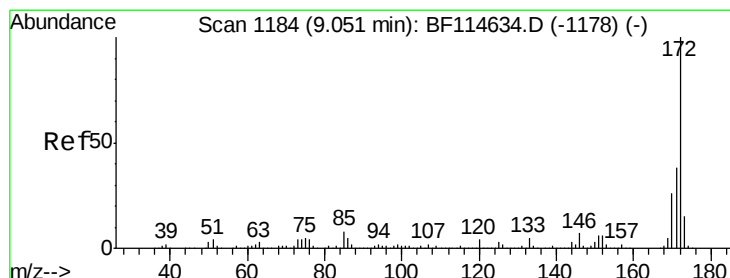
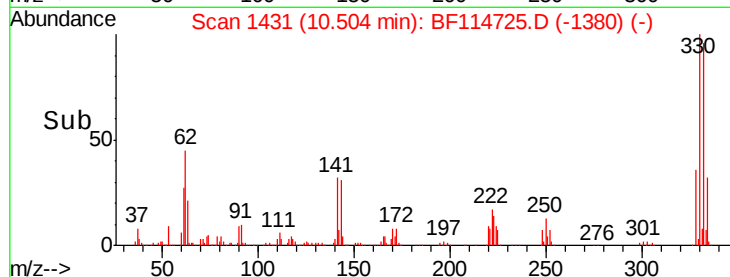
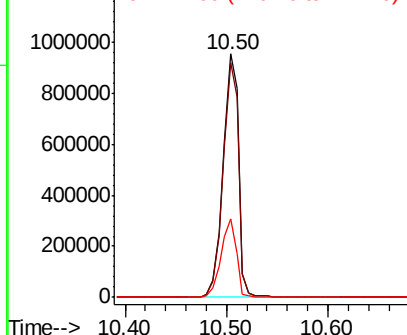
330 100

332 96.3 75.8 113.8

141 31.9 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: 82.757 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114725.D

Acq: 31 May 2019 23:41

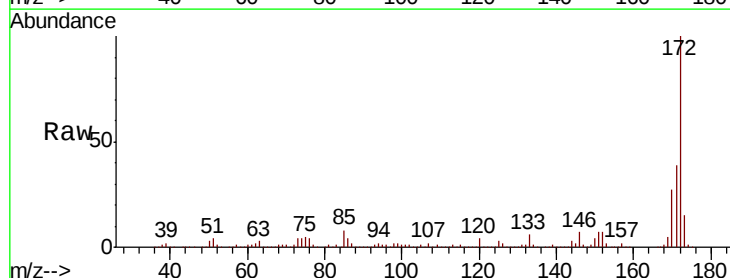
Tgt Ion:172 Resp: 3634718

Ion Ratio Lower Upper

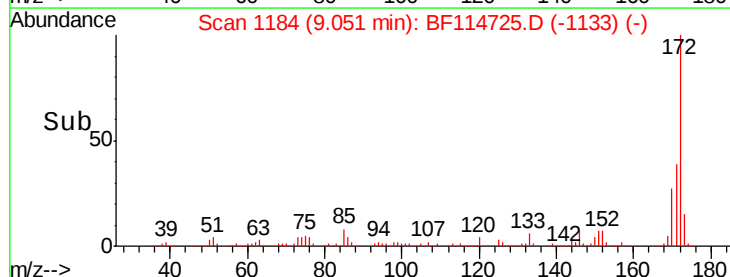
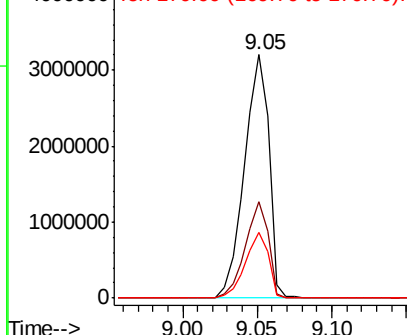
172 100

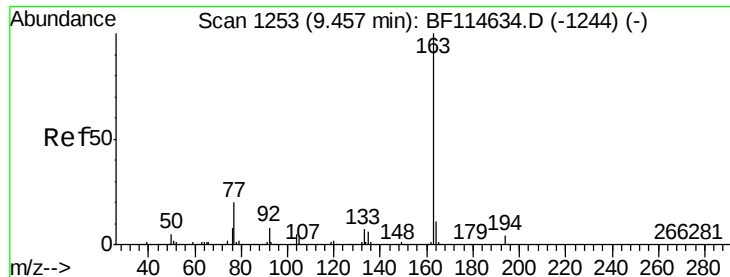
171 39.5 30.6 45.8

170 27.1 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: 12.960 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114725.D

Acq: 31 May 2019 23:41

Instrument :

BNA_F

ClientSampleId :

TP-25-S

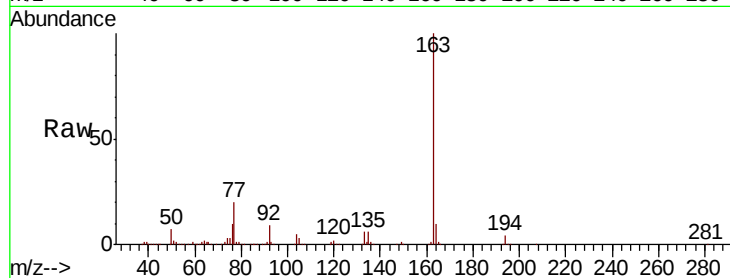
Tgt Ion:163 Resp: 741275

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

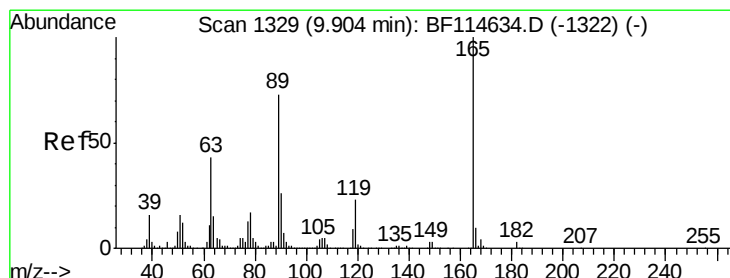
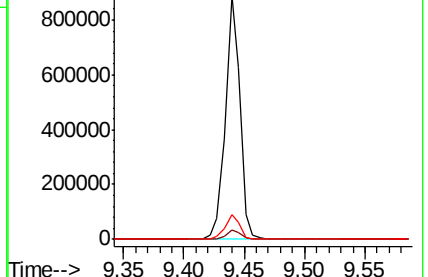
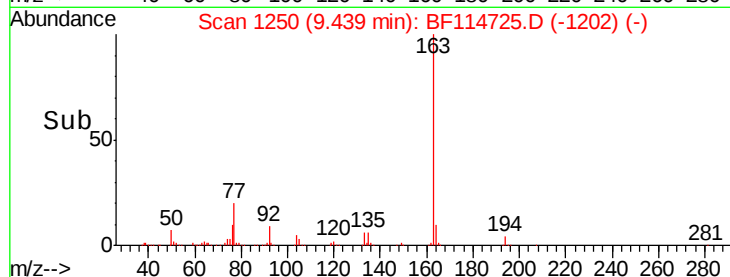
164 10.4 8.6 13.0



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: 6.178 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF114725.D

Acq: 31 May 2019 23:41

Tgt Ion:165 Resp: 105380

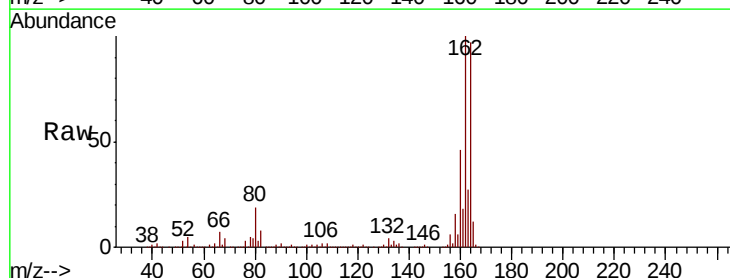
Ion Ratio Lower Upper

165 100

63 1.3 34.8 52.2#

89 1.4 58.5 87.7#

182 0.0 2.2 3.2#

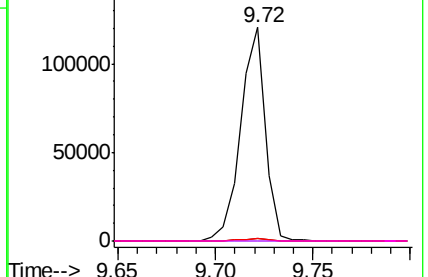
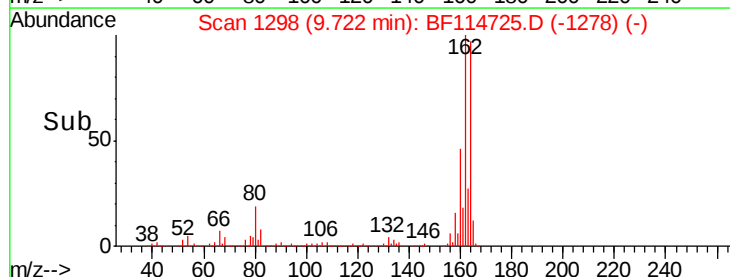


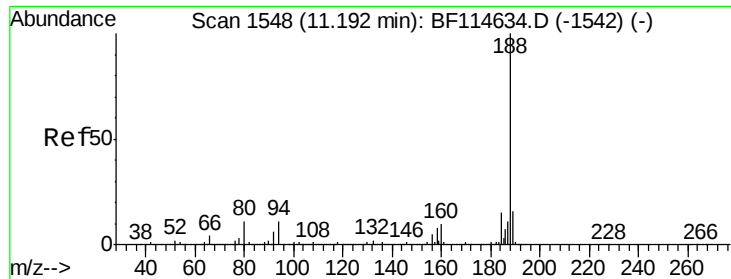
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114725.D

Acq: 31 May 2019 23:41

Instrument :

BNA_F

ClientSampleId :

TP-25-S

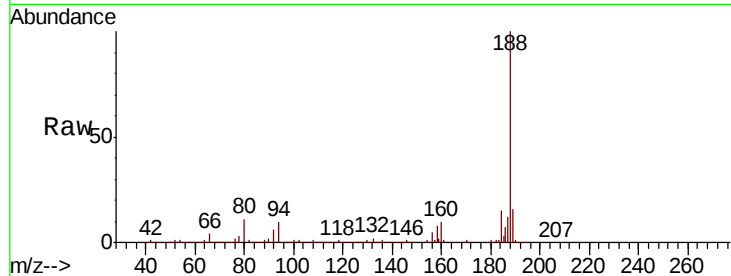
Tgt Ion:188 Resp: 1509950

Ion Ratio Lower Upper

188 100

94 10.4 8.6 13.0

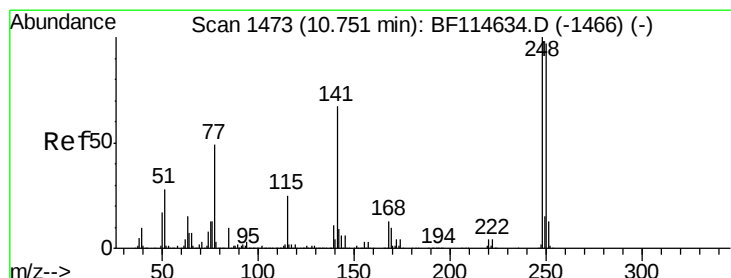
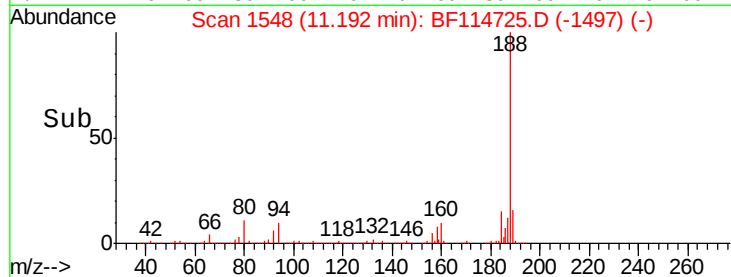
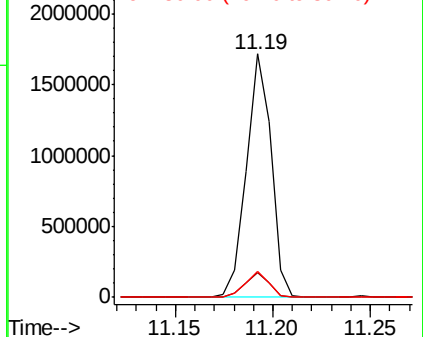
80 10.8 9.0 13.6



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: 4.007 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.25 min

Lab File: BF114725.D

Acq: 31 May 2019 23:41

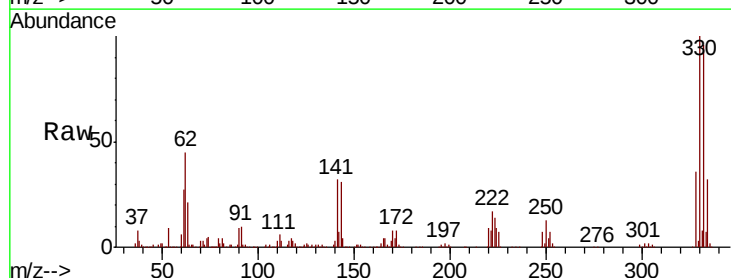
Tgt Ion:248 Resp: 64890

Ion Ratio Lower Upper

248 100

250 197.6 78.0 117.0#

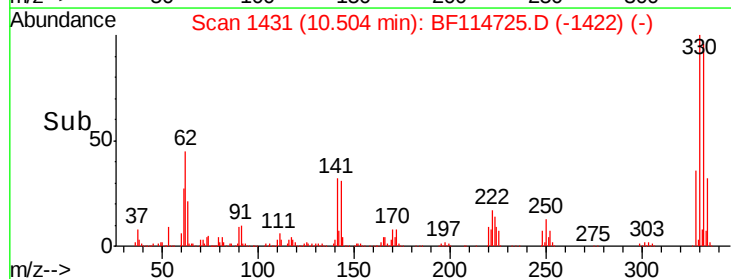
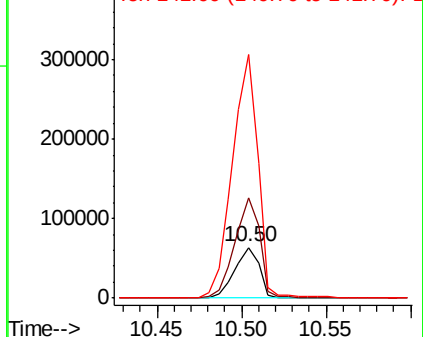
141 480.2 53.8 80.8#

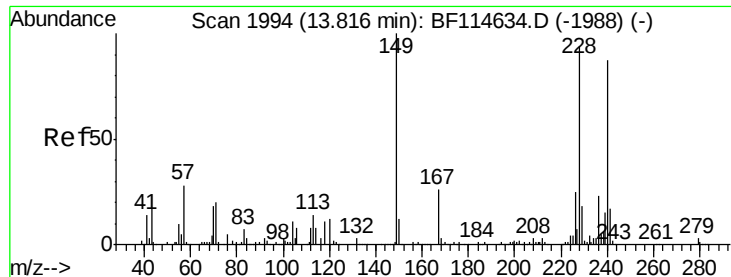


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

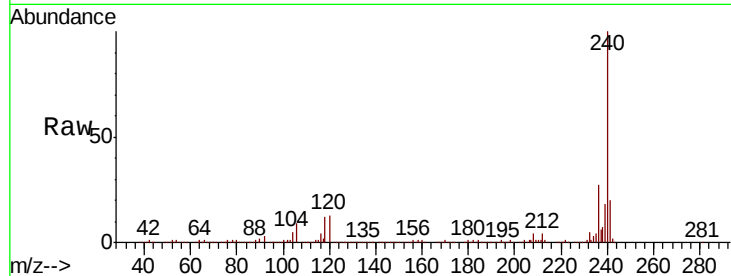




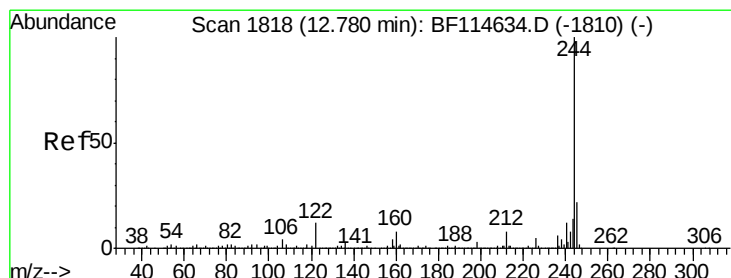
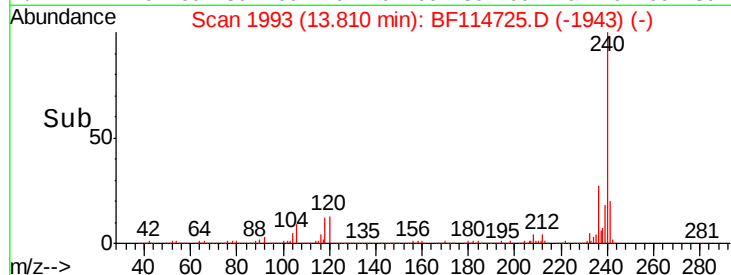
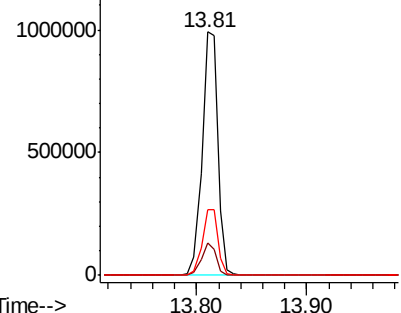
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampled :
TP-25-S

Tgt Ion:240 Resp: 977376
Ion Ratio Lower Upper
240 100
120 13.1 11.2 16.8
236 26.8 21.2 31.8

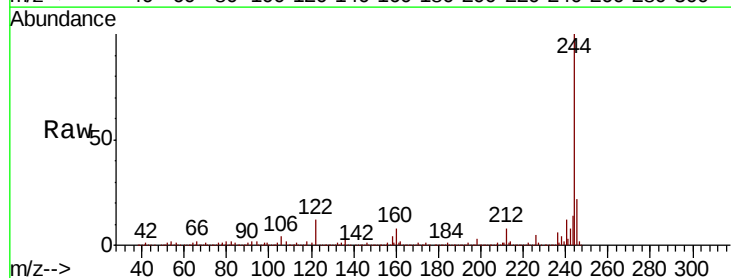


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

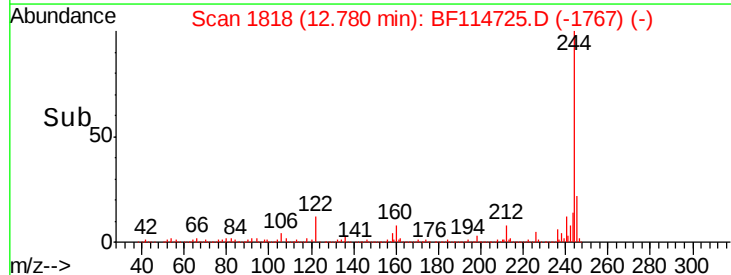
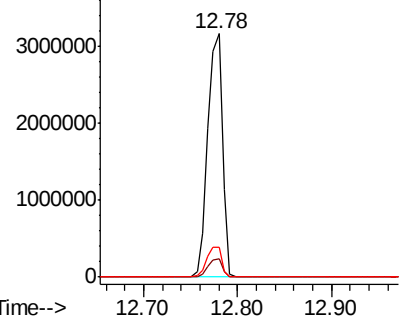


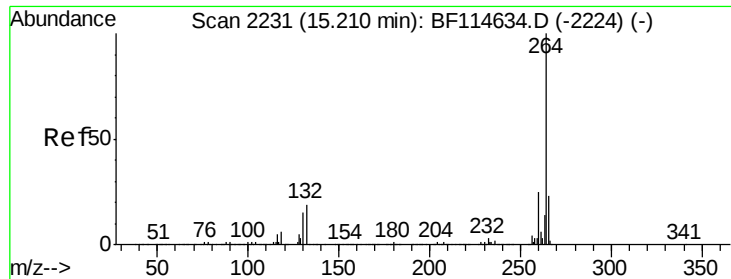
#79
Terphenyl-d14
Concen: 67.133 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Tgt Ion:244 Resp: 3489844
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 12.4 9.8 14.8



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: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114725.D
Acq: 31 May 2019 23:41

Instrument :
BNA_F
ClientSampleId :
TP-25-S

Tgt Ion: 264 Resp: 874114
Ion Ratio Lower Upper
264 100
260 24.4 19.7 29.5
265 22.2 18.1 27.1

