

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114733.D
 Acq On : 1 Jun 2019 3:13
 Operator : HP/JU
 Sample : K3072-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jun 01 06:35:50 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	6.70	152	410426	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1482042	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	655678	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1062998	20.00	ng	0.00
76) Chrysene-d12	13.82	240	750071	20.00	ng	0.00
87) Perylene-d12	15.20	264	678606	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	2813120	120.34	ng	0.02
7) Phenol-d6	6.34	99	3392448	120.43	ng	0.01
23) Nitrobenzene-d5	7.26	82	2150621	90.53	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	748361	119.78	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3119135	90.37	ng	0.00
79) Terphenyl-d14	12.77	244	2607481	65.36	ng	0.00

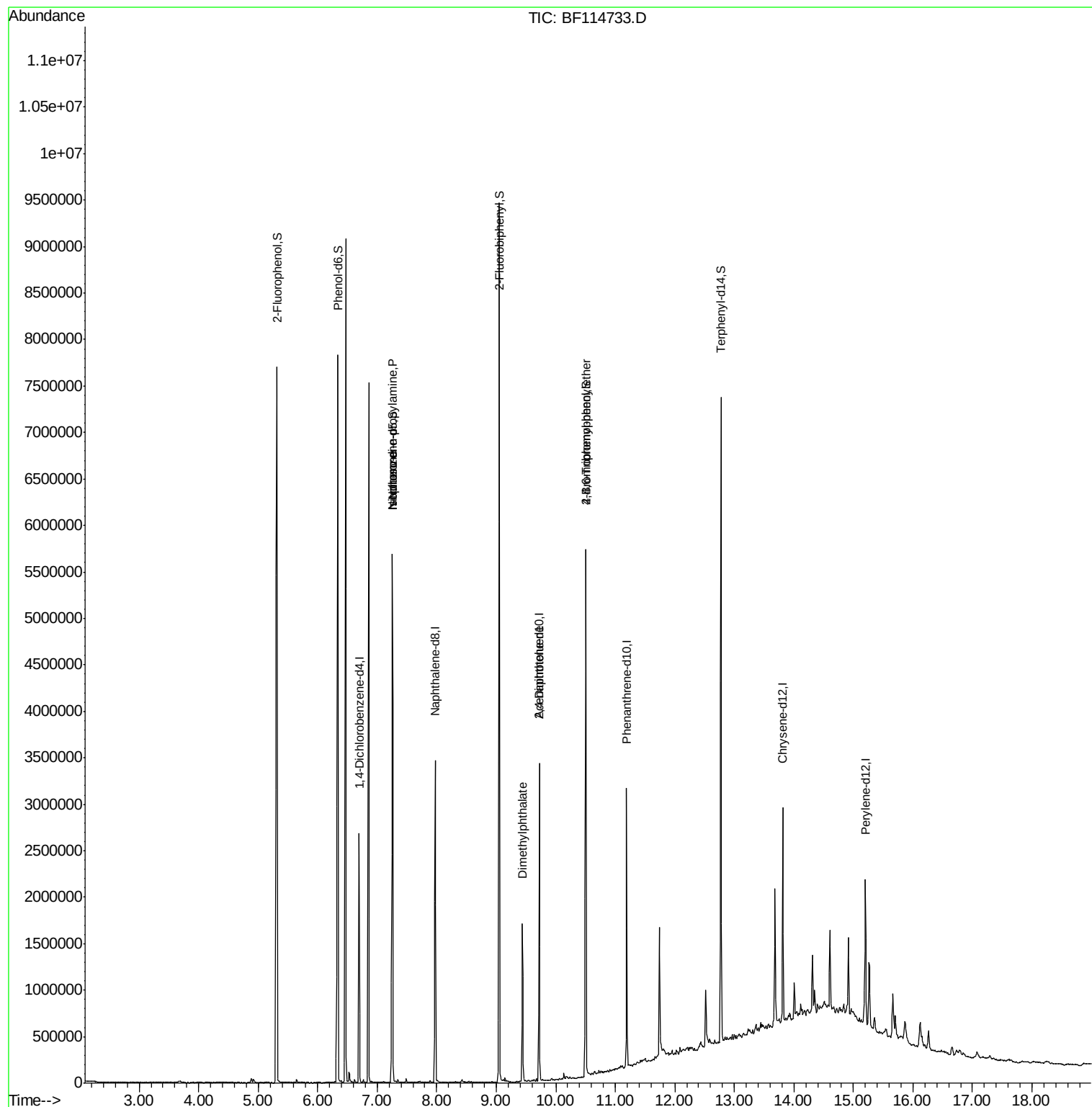
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	65051	Below Cal		84
19) n-Nitroso-di-n-propylamine	7.26	70	293570	15.098 ng	#	76
25) Isophorone	7.26	82	2109418	44.248 ng	#	63
50) Dimethylphthalate	9.44	163	640229	14.013 ng		99
57) 2,4-Dinitrotoluene	9.72	165	85304	6.261 ng	#	23
58) Fluorene	10.25	166	1165	Below Cal	#	67
67) 4-Bromophenyl-phenylether	10.50	248	49202	4.316 ng	#	1
74) Di-n-butylphthalate	11.76	149	18395	Below Cal	#	89

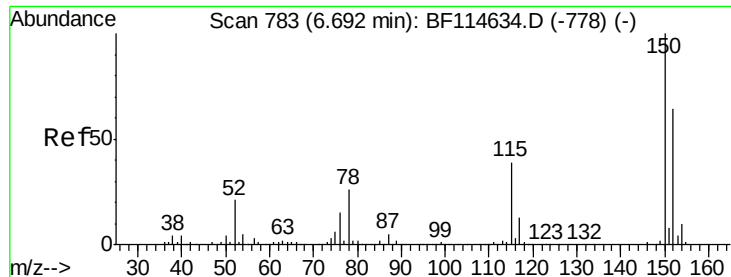
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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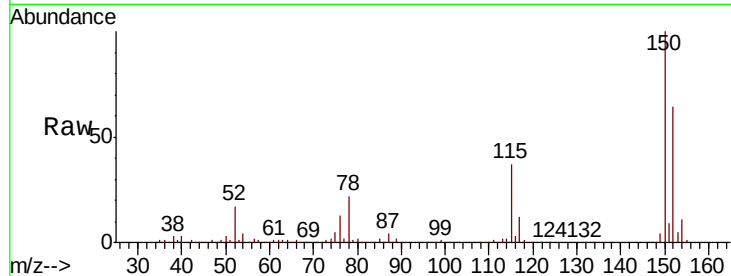


#1

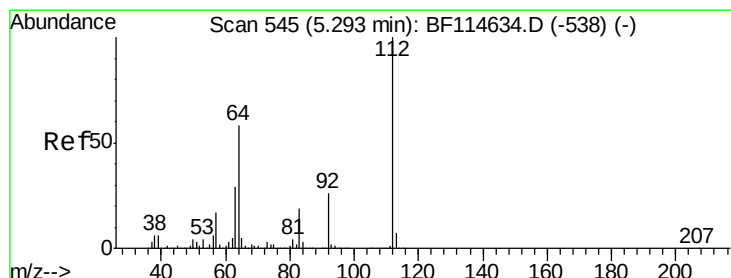
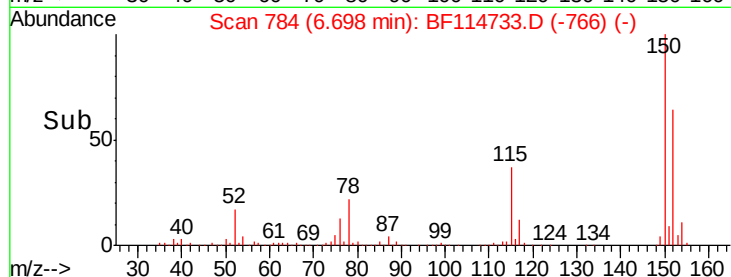
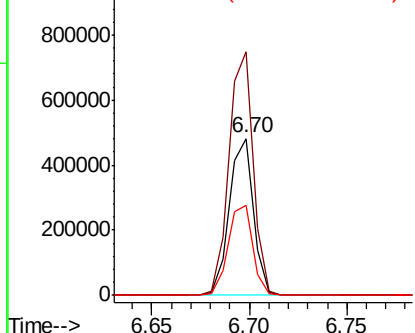
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114733.D
Acq: 1 Jun 2019 3:13

Instrument :
BNA_F
ClientSampled :
TP-3

Tgt Ion:152 Resp: 410426
Ion Ratio Lower Upper
152 100
150 155.2 124.4 186.6
115 57.1 48.7 73.1



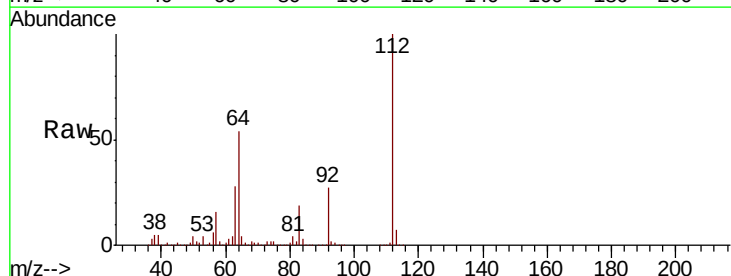
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



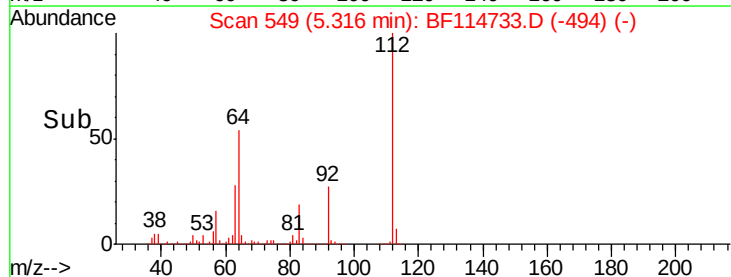
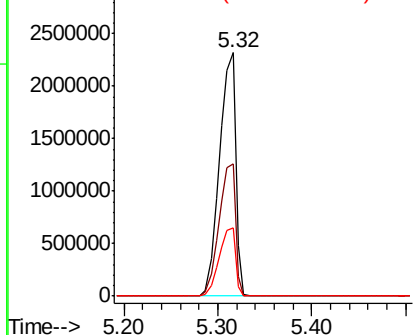
#5

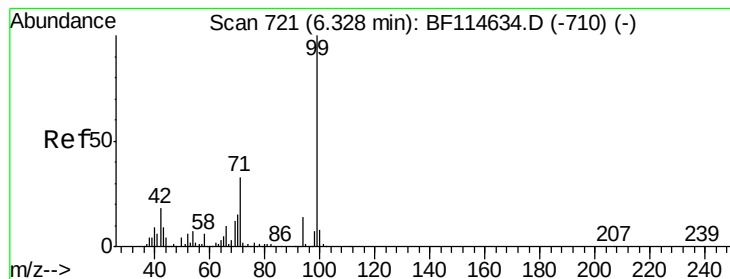
2-Fluorophenol
Concen: 120.339 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114733.D
Acq: 1 Jun 2019 3:13

Tgt Ion:112 Resp: 2813120
Ion Ratio Lower Upper
112 100
64 54.1 46.1 69.1
63 28.0 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: 120.429 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114733.D

Acq: 1 Jun 2019 3:13

Instrument :

BNA_F

ClientSampleId :

TP-3

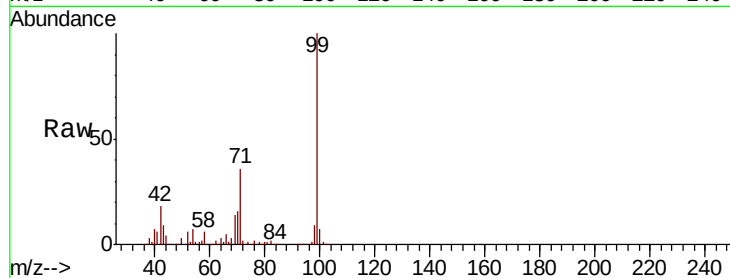
Tgt Ion: 99 Resp: 3392448

Ion Ratio Lower Upper

99 100

42 17.9 14.7 22.1

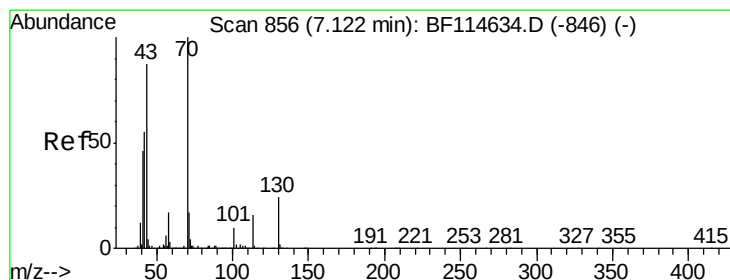
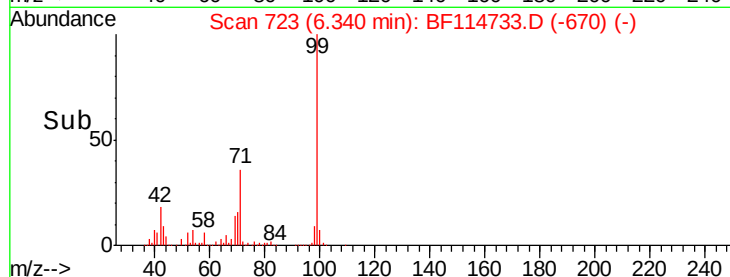
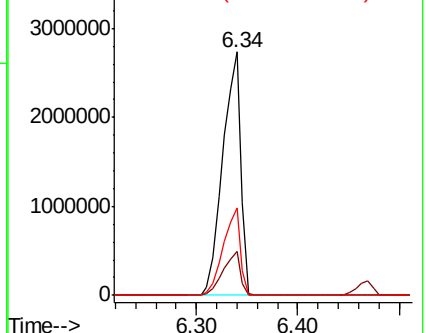
71 36.1 26.6 40.0



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: 15.098 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114733.D

Acq: 1 Jun 2019 3:13

Tgt Ion: 70 Resp: 293570

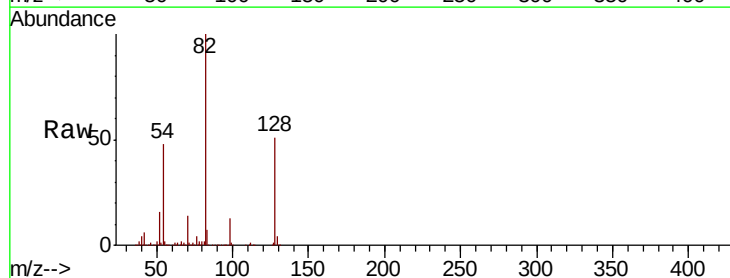
Ion Ratio Lower Upper

70 100

42 44.8 44.4 66.6

101 0.0 8.2 12.4#

130 2.5 19.4 29.0#

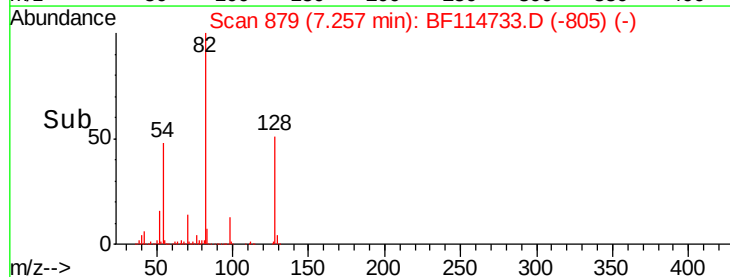
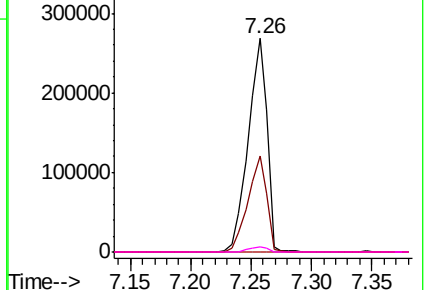


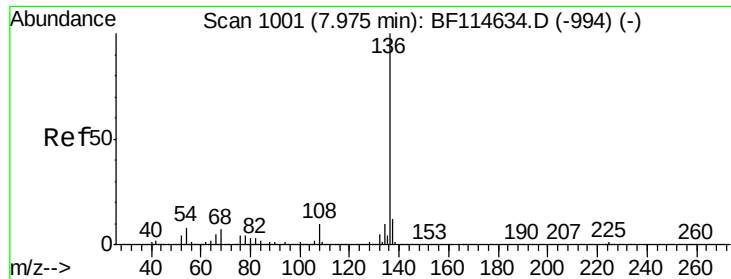
Abundance Ion 70.00 (69.70 to 70.70): BF1

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



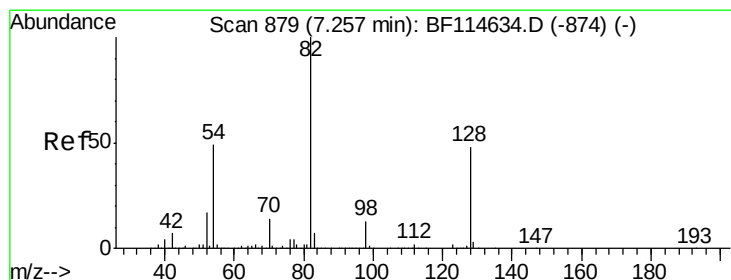
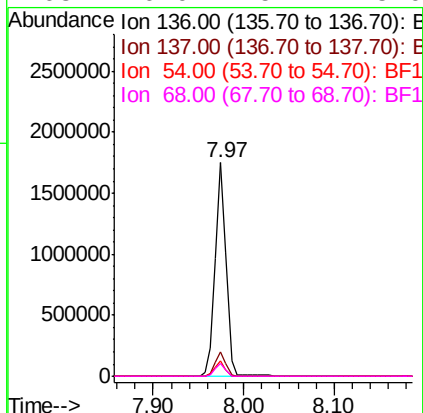
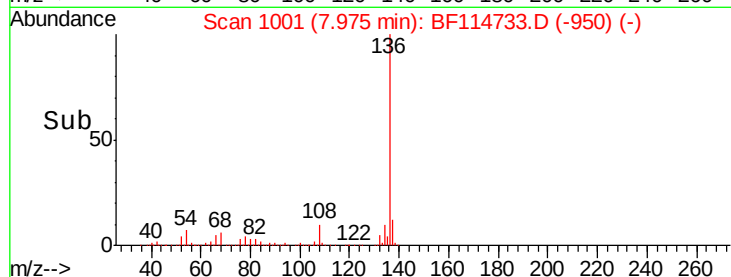
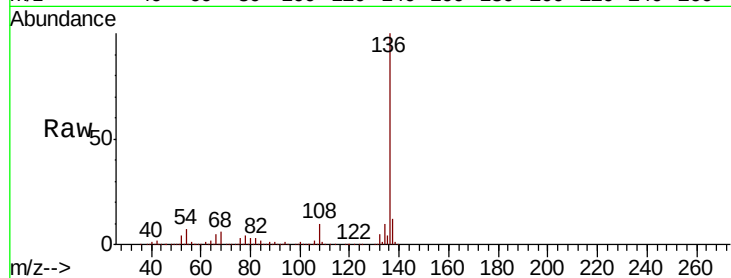


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114733.D
Acq: 1 Jun 2019 3:13

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 1482042

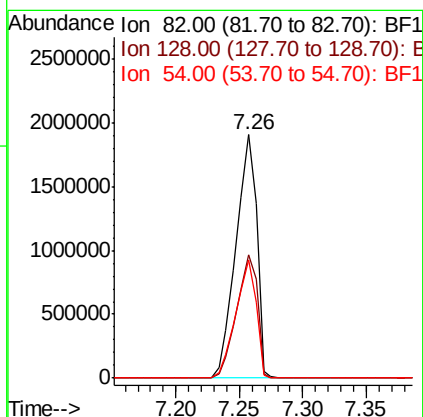
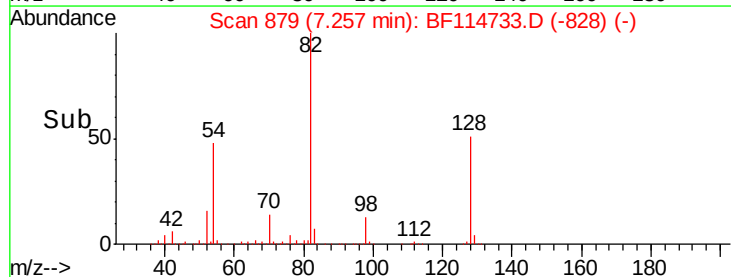
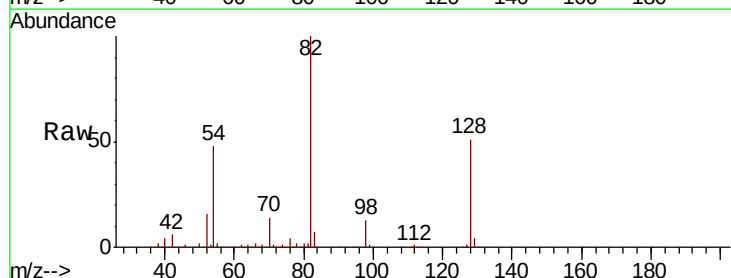
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	6.9	6.3	9.5
68	6.0	5.4	8.0

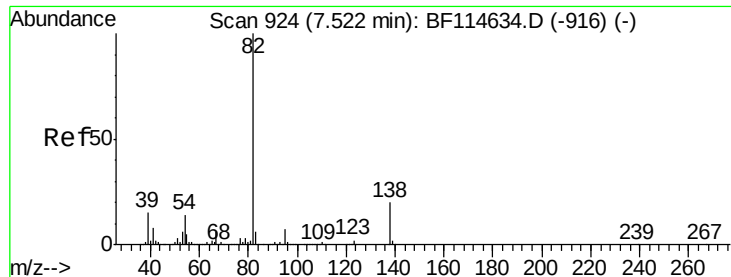


#23
Nitrobenzene-d5
Concen: 90.534 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114733.D
Acq: 1 Jun 2019 3:13

Tgt Ion: 82 Resp: 2150621

Ion	Ratio	Lower	Upper
82	100		
128	50.9	38.5	57.7
54	48.4	39.1	58.7





#25

Isophorone

Concen: 44.248 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114733.D

Acq: 1 Jun 2019 3:13

Instrument :

BNA_F

ClientSampleId :

TP-3

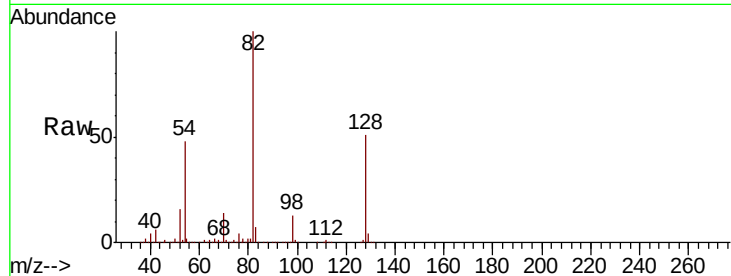
Tgt Ion: 82 Resp: 2109418

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

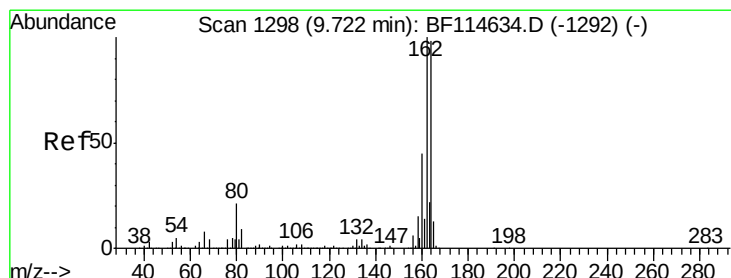
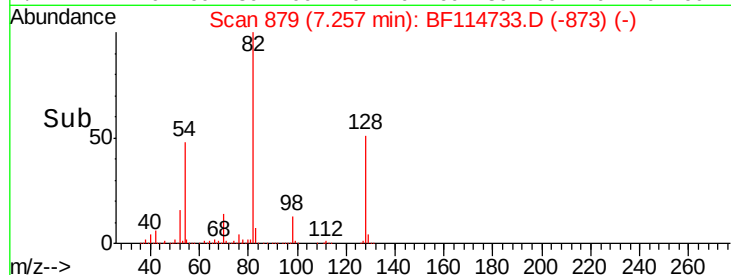
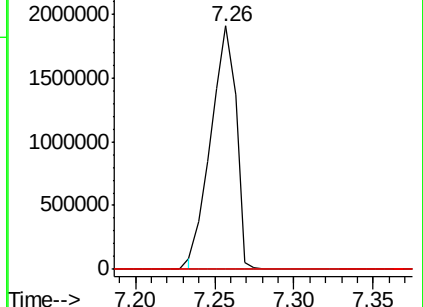
138 0.0 15.9 23.9#



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: BF114733.D

Acq: 1 Jun 2019 3:13

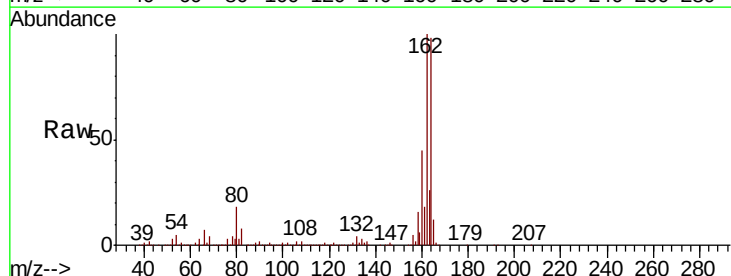
Tgt Ion: 164 Resp: 655678

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.2

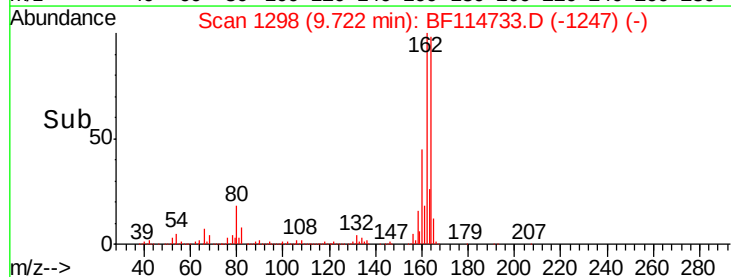
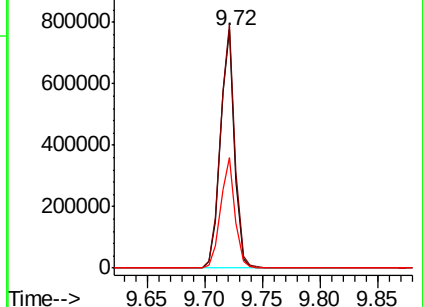
160 46.3 36.6 54.8

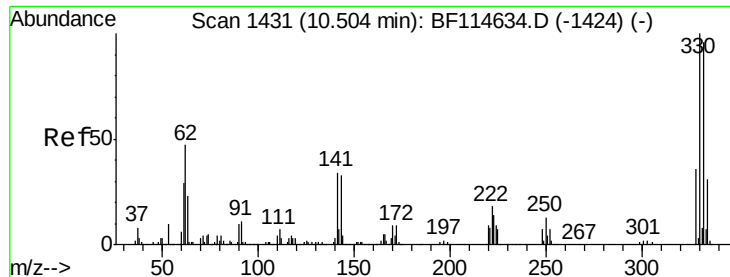


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

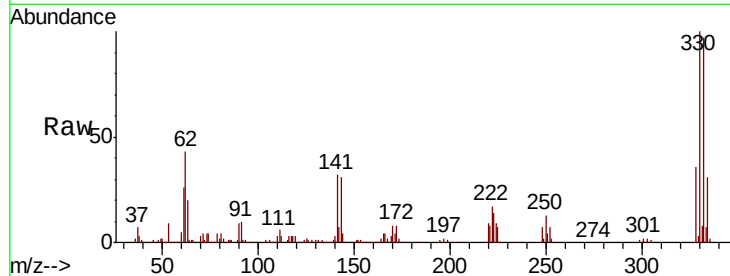




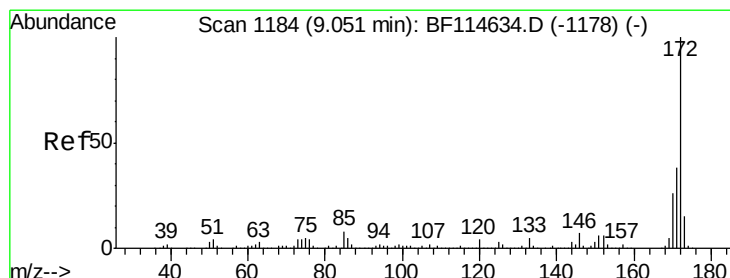
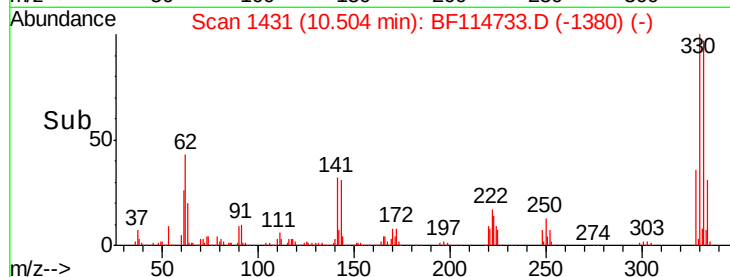
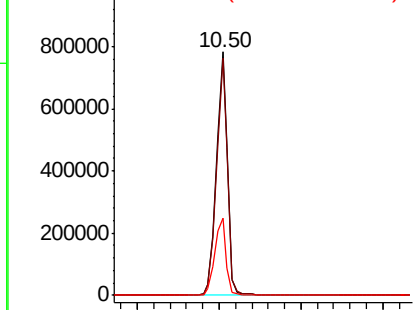
#42
 2,4,6-Tribromophenol
 Concen: 119.784 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114733.D
 Acq: 1 Jun 2019 3:13

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tgt Ion:330 Resp: 748361
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.8 113.8
 141 32.6 27.8 41.8

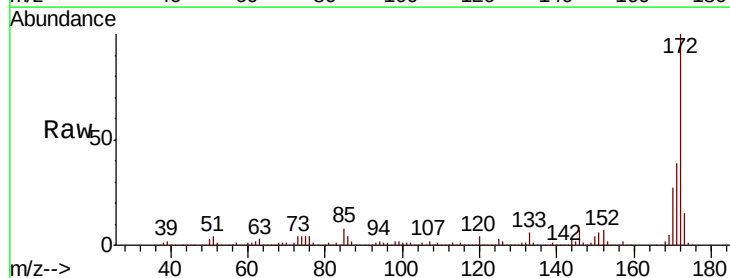


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

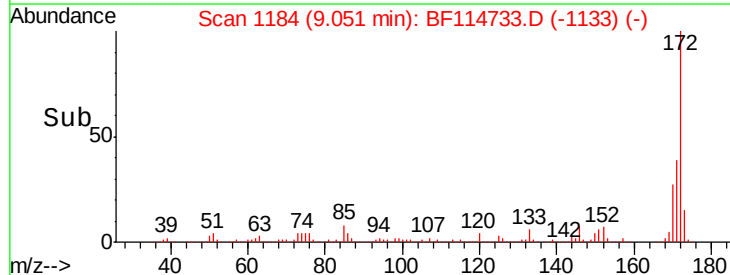
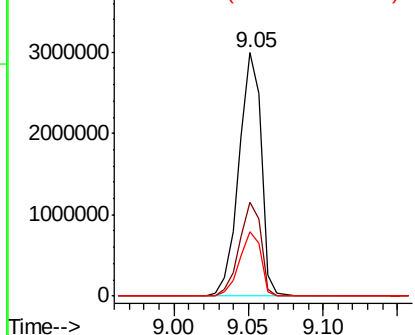


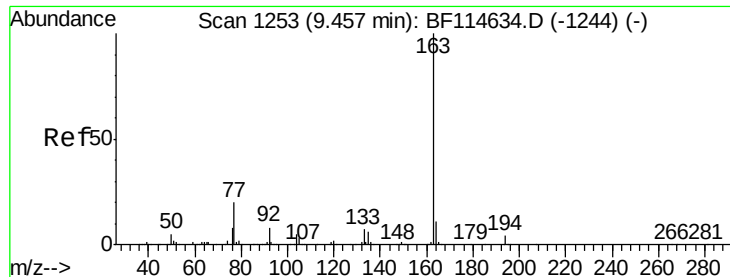
#45
 2-Fluorobiphenyl
 Concen: 90.373 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114733.D
 Acq: 1 Jun 2019 3:13

Tgt Ion:172 Resp: 3119135
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.6 45.8
 170 26.6 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: 14.013 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114733.D

Acq: 1 Jun 2019 3:13

Instrument :

BNA_F

ClientSampleId :

TP-3

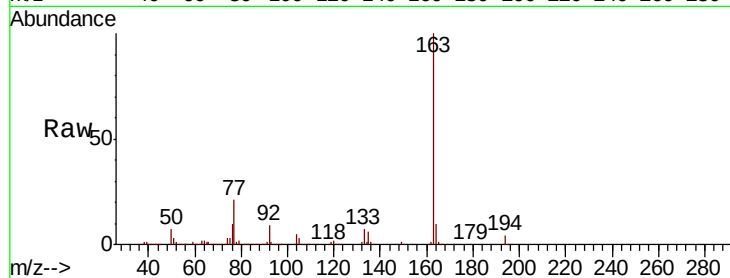
Tgt Ion:163 Resp: 640229

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

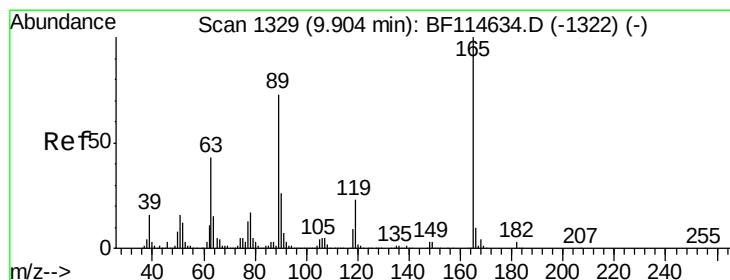
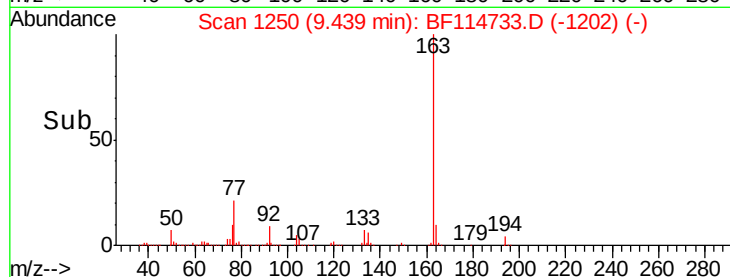
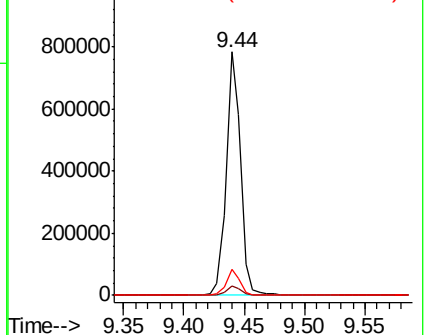
164 10.4 8.6 13.0



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: 6.261 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF114733.D

Acq: 1 Jun 2019 3:13

Tgt Ion:165 Resp: 85304

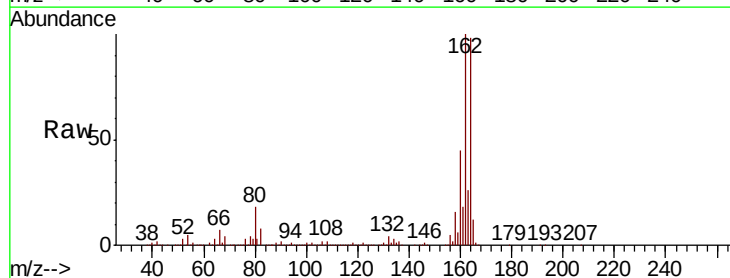
Ion Ratio Lower Upper

165 100

63 1.1 34.8 52.2#

89 1.3 58.5 87.7#

182 0.0 2.2 3.2#

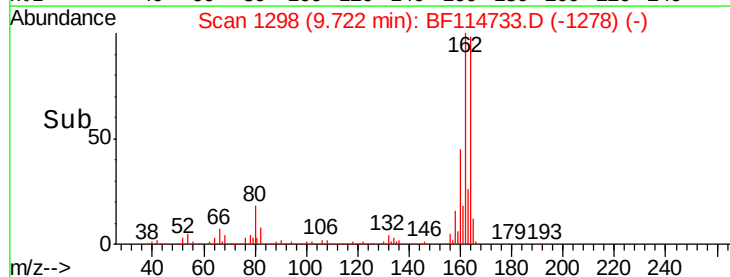
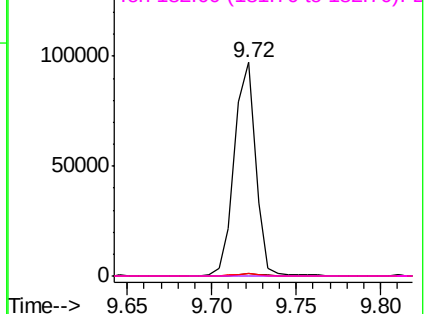


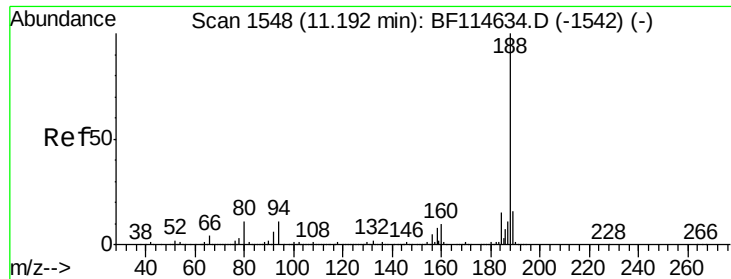
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114733.D

Acq: 1 Jun 2019 3:13

Instrument :

BNA_F

ClientSampleId :

TP-3

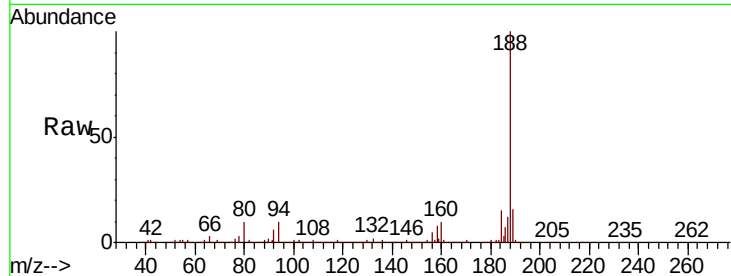
Tgt Ion:188 Resp: 1062998

Ion Ratio Lower Upper

188 100

94 9.9 8.6 13.0

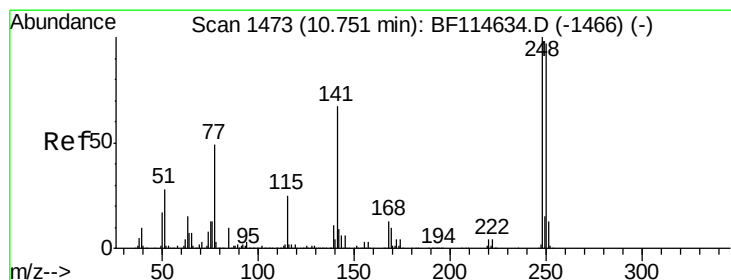
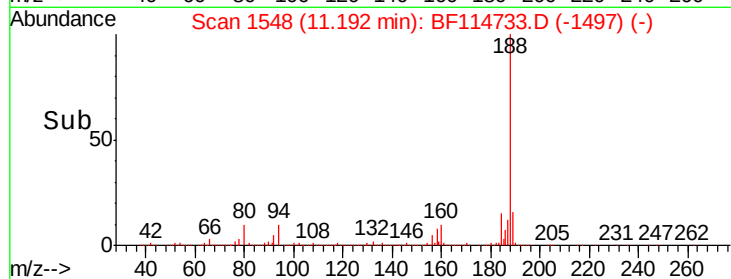
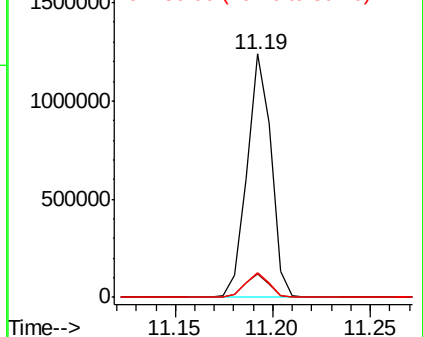
80 10.3 9.0 13.6



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: 4.316 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.25 min

Lab File: BF114733.D

Acq: 1 Jun 2019 3:13

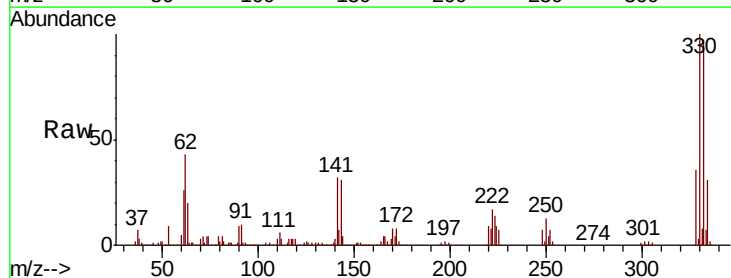
Tgt Ion:248 Resp: 49202

Ion Ratio Lower Upper

248 100

250 192.1 78.0 117.0#

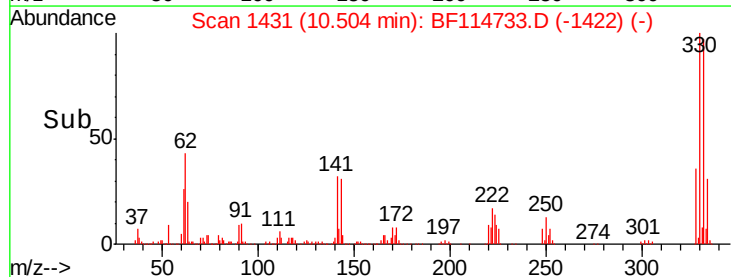
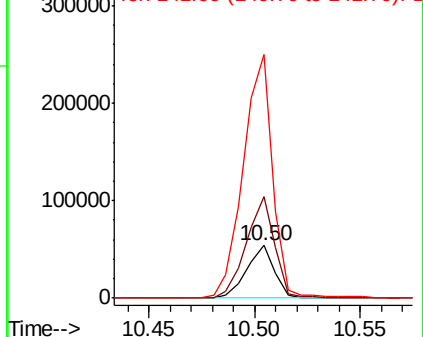
141 462.6 53.8 80.8#

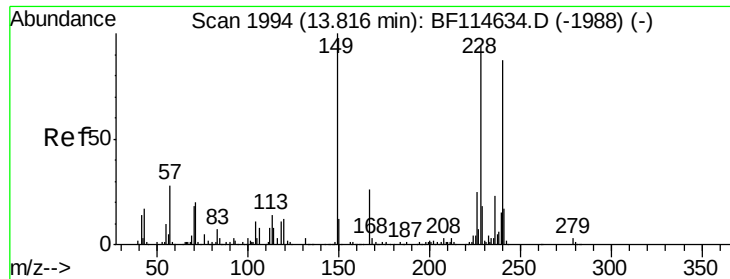


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

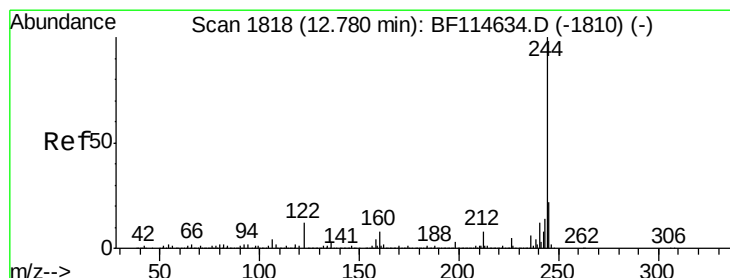
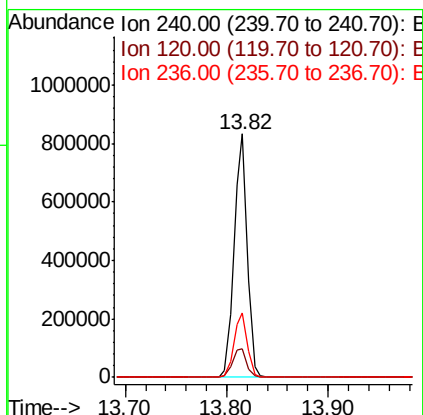
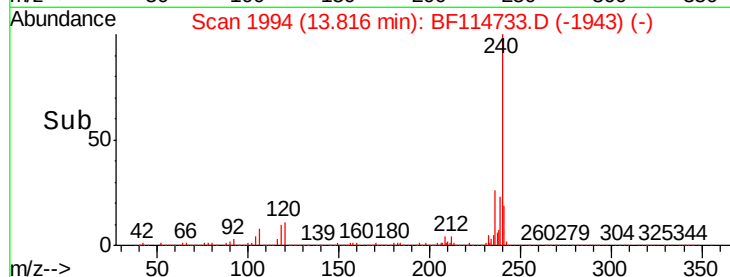
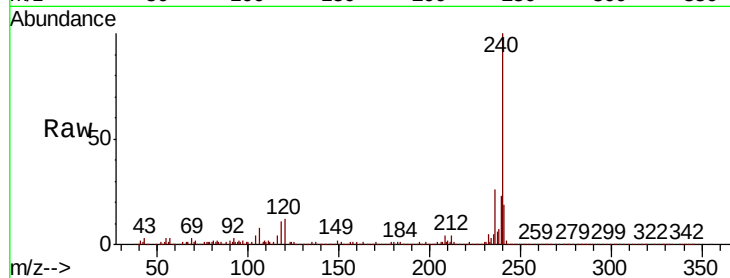




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114733.D
Acq: 1 Jun 2019 3:13

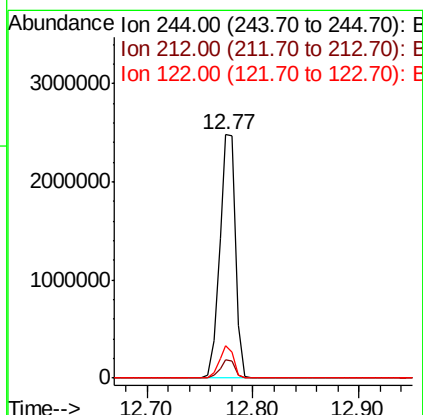
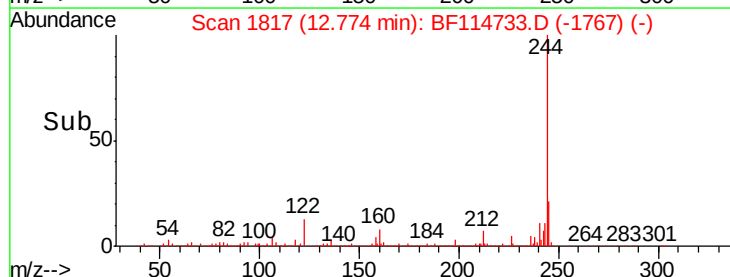
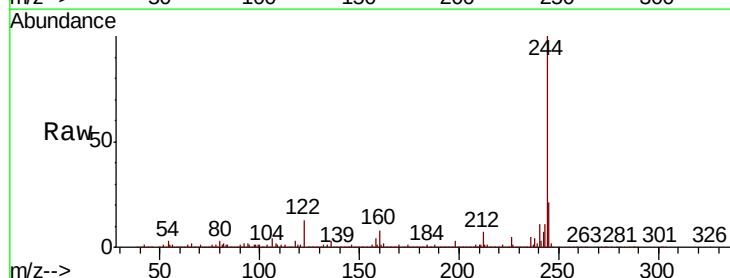
Instrument :
BNA_F
ClientSampleId :
TP-3

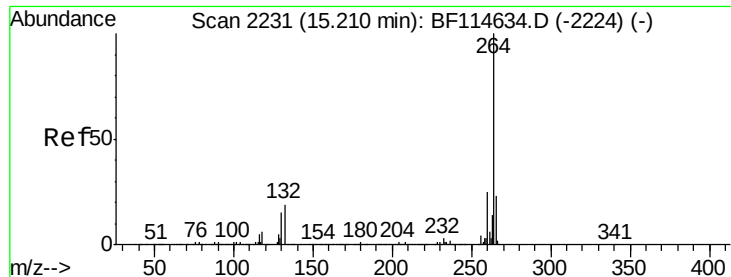
Tgt Ion:240 Resp: 750071
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 26.4 21.2 31.8



#79
Terphenyl-d14
Concen: 65.360 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF114733.D
Acq: 1 Jun 2019 3:13

Tgt Ion:244 Resp: 2607481
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.3 9.8 14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114733.D
Acq: 1 Jun 2019 3:13

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 264 Resp: 678606
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 21.5 18.1 27.1

