

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114734.D
 Acq On : 1 Jun 2019 3:40
 Operator : HP/JU
 Sample : K3104-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMP

Quant Time: Jun 01 06:52:33 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

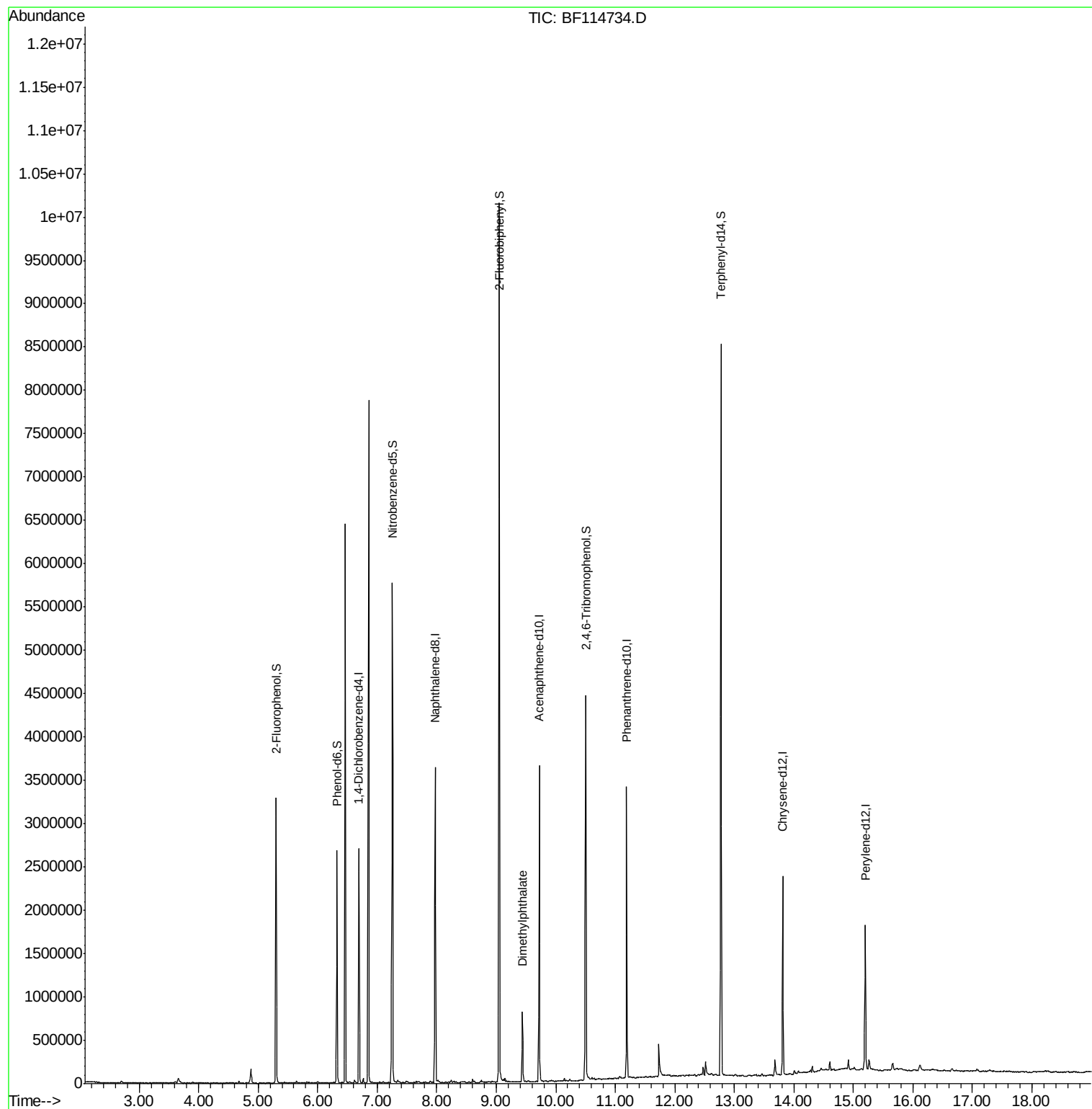
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	423176	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1531992	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	704596	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1191044	20.00	ng	0.00
76) Chrysene-d12	13.82	240	771992	20.00	ng	0.00
87) Perylene-d12	15.20	264	703451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1002445	41.59	ng	0.01
7) Phenol-d6	6.32	99	782247	26.93	ng	0.00
23) Nitrobenzene-d5	7.26	82	2135242	86.96	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	588478	87.65	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3523525	96.01	ng	0.00
79) Terphenyl-d14	12.78	244	3102900	75.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.44	163	317778	6.472	ng	Qvalue 99

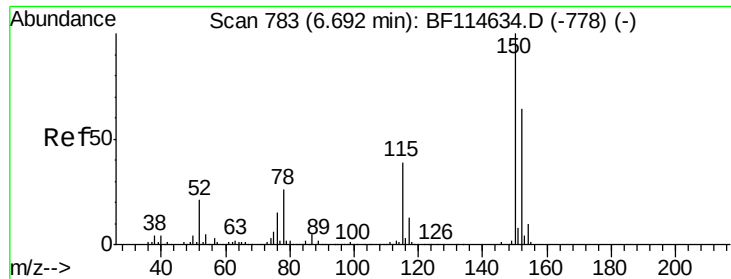
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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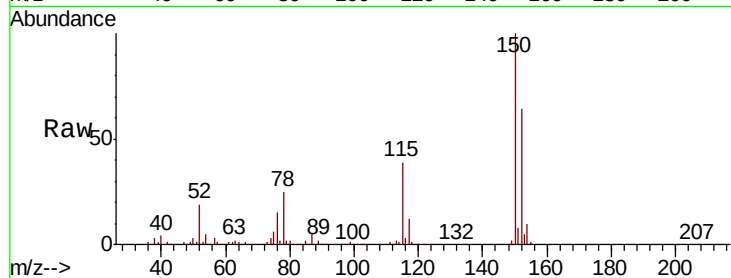


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.4	186.6
115	61.6	48.7	73.1

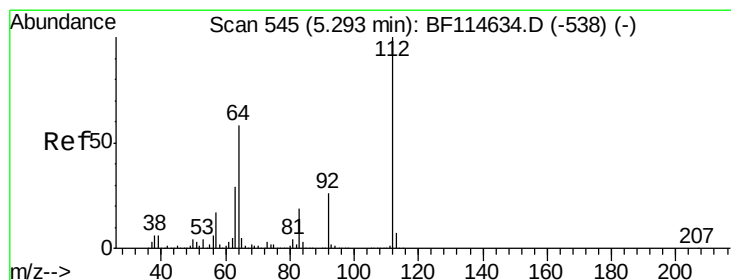
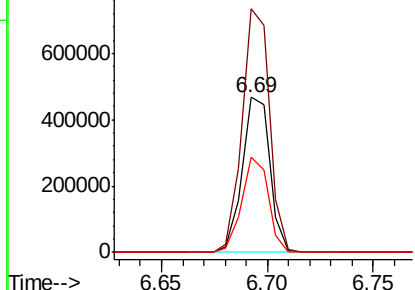
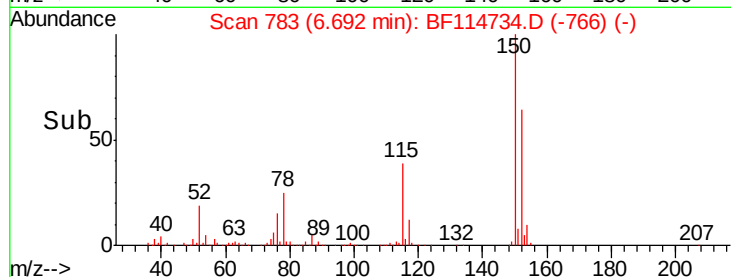


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

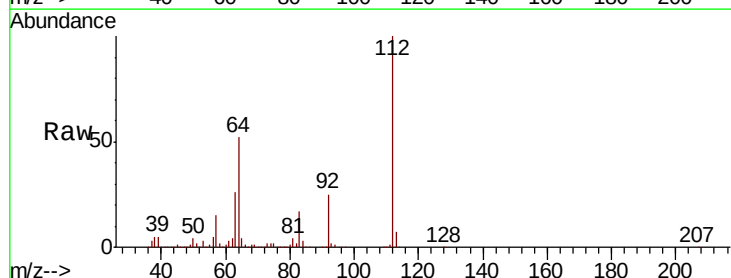
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.590 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	46.1	69.1
63	26.1	23.4	35.2

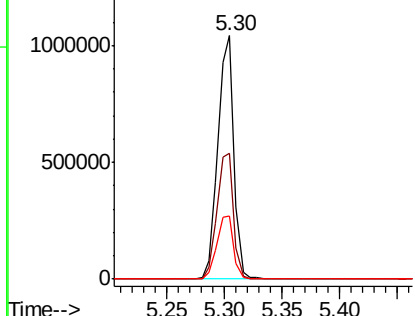
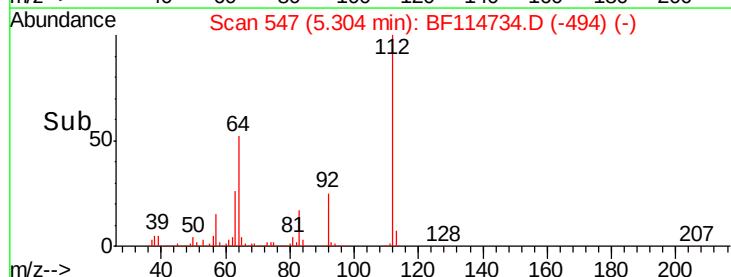


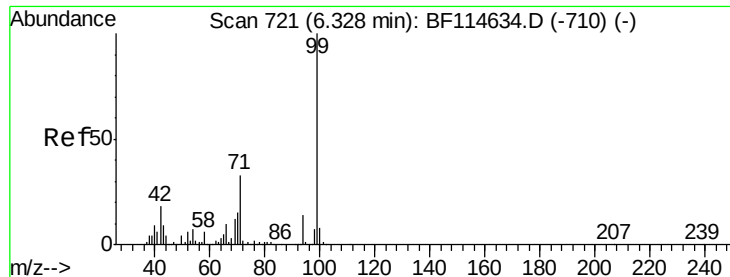
Abundance

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: 26.932 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

Instrument :

BNA_F

ClientSampled :

SUMP

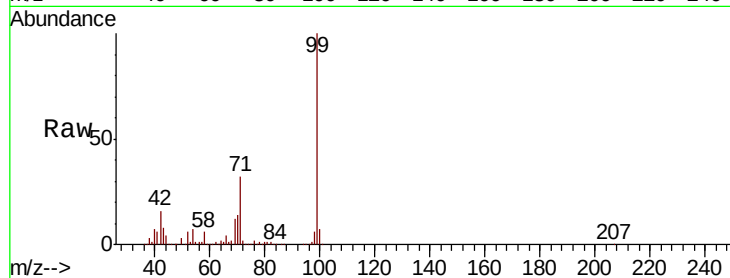
Tot Ion: 99 Resp: 782247

Ion Ratio Lower Upper

99 100

42 16.2 14.7 22.1

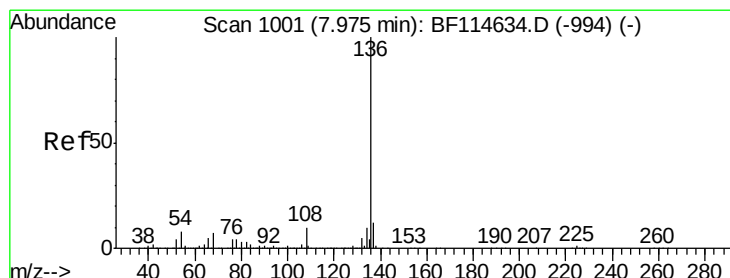
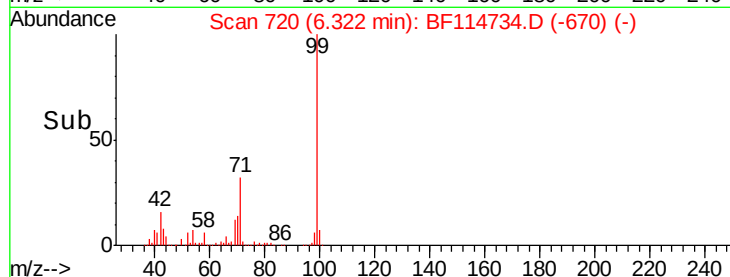
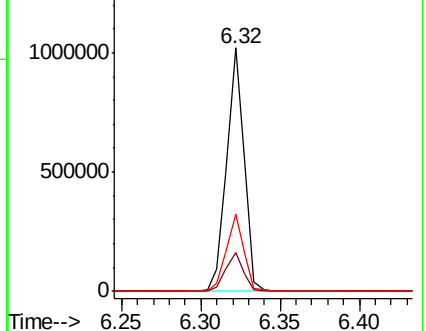
71 31.9 26.6 40.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

Tgt Ion: 136 Resp: 1531992

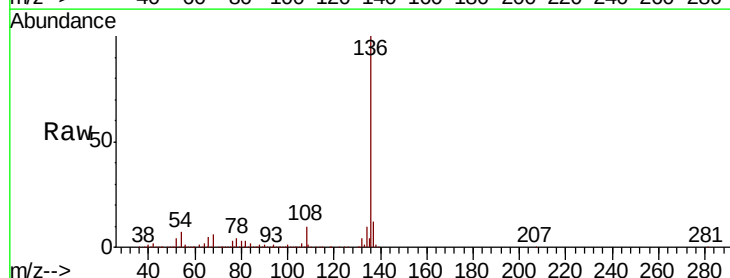
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 6.9 6.3 9.5

68 5.9 5.4 8.0

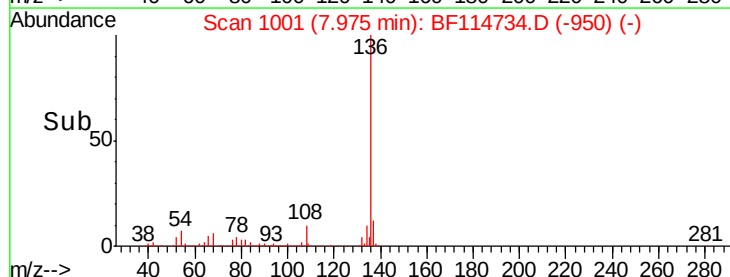
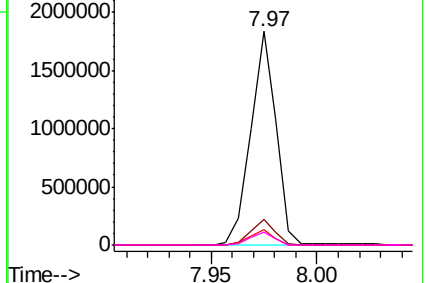


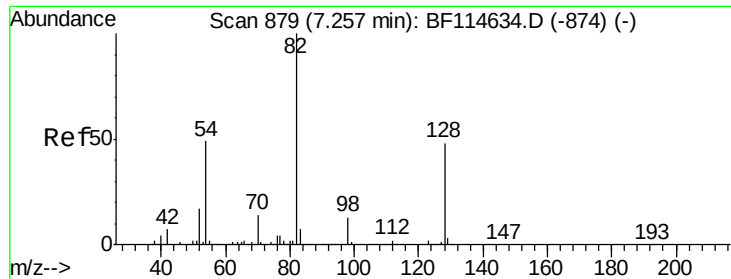
Abundance Ion 136.00 (135.70 to 136.70): E

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



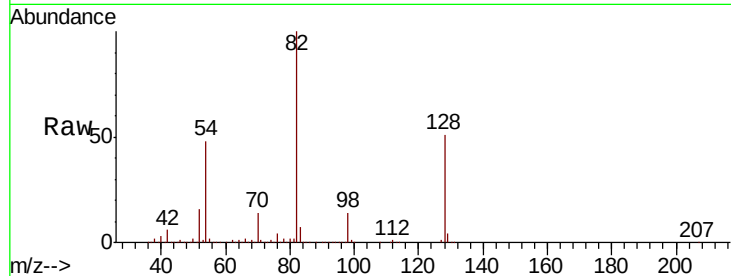


#23
 Nitrobenzene-d5
 Concen: 86.956 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF114734.D
 Acq: 1 Jun 2019 3:40

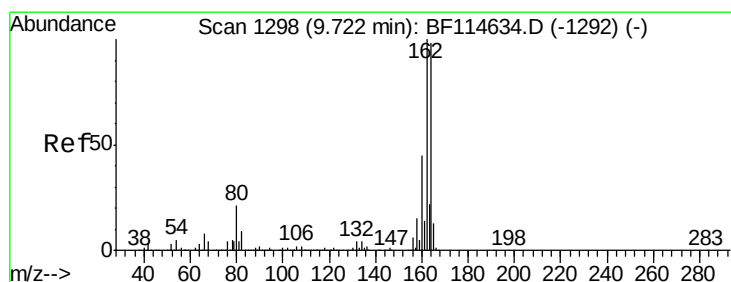
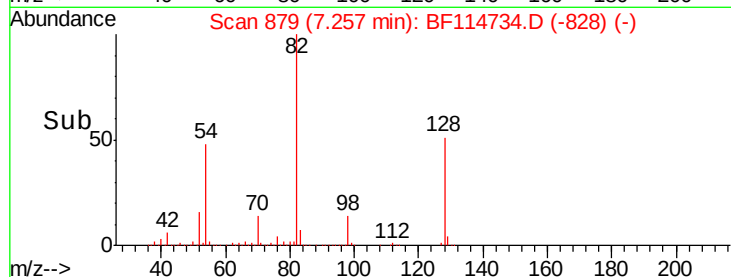
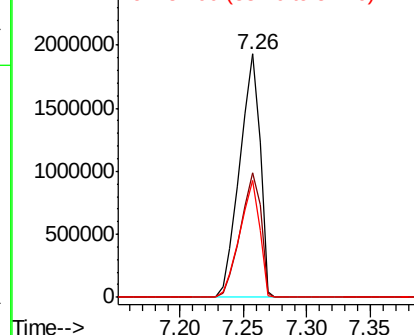
Instrument :
 BNA_F
 ClientSampleId :
 SUMP

Tot Ion: 82 Resp: 2135242

Ion	Ratio	Lower	Upper
82	100		
128	51.4	38.5	57.7
54	48.3	39.1	58.7



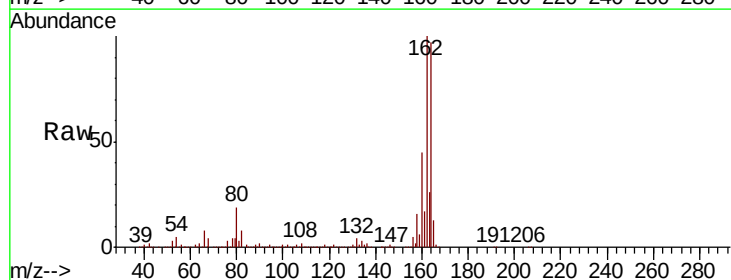
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



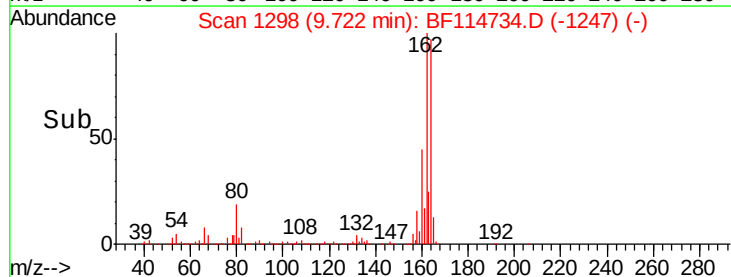
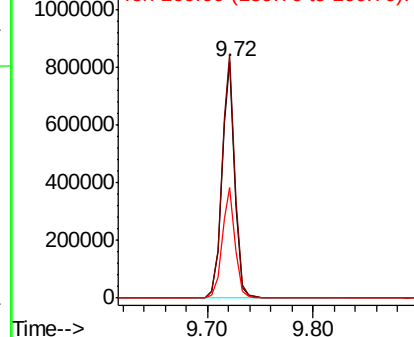
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF114734.D
 Acq: 1 Jun 2019 3:40

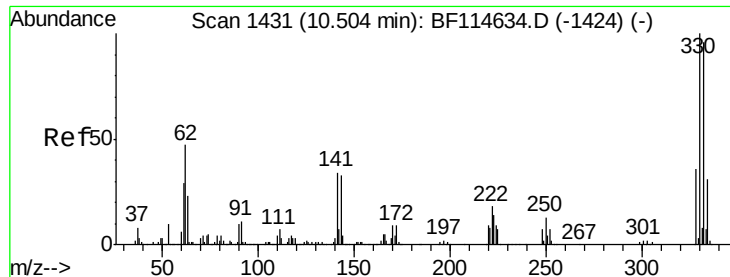
Tgt Ion: 164 Resp: 704596

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.2
160	46.6	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: 87.653 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

Instrument :

BNA_F

ClientSampleId :

SUMP

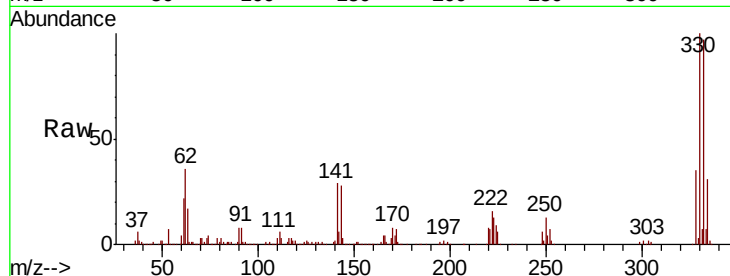
Tot Ion:330 Resp: 588478

Ion Ratio Lower Upper

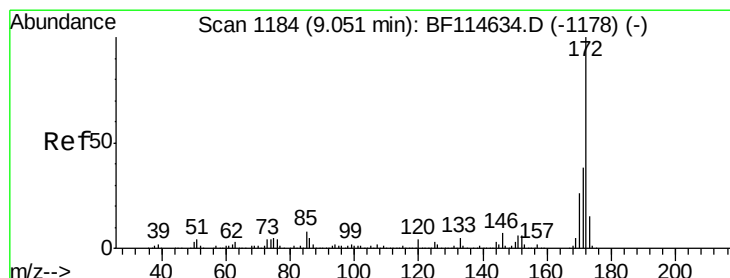
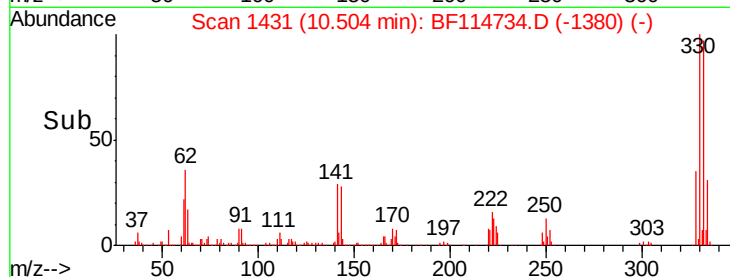
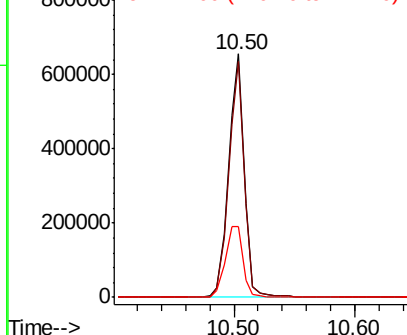
330 100

332 96.3 75.8 113.8

141 33.5 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: 96.012 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

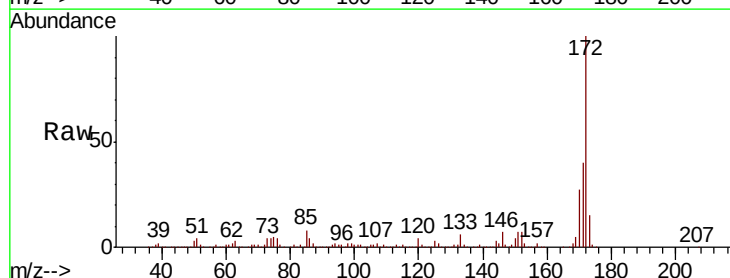
Tgt Ion:172 Resp: 3523525

Ion Ratio Lower Upper

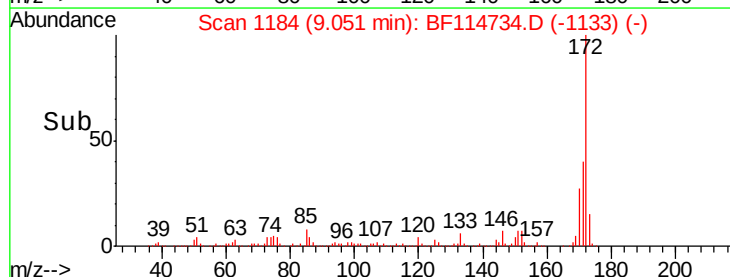
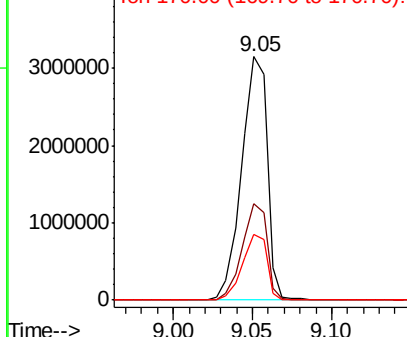
172 100

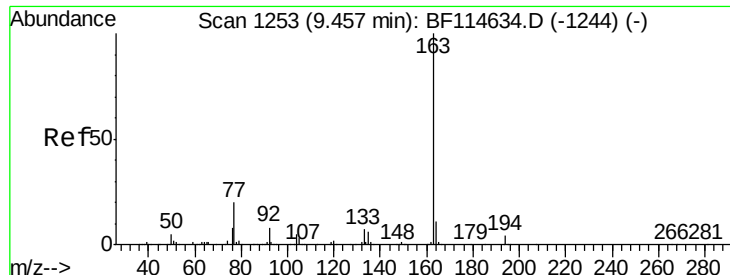
171 39.6 30.6 45.8

170 27.0 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: 6.472 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

Instrument :

BNA_F

ClientSampleId :

SUMP

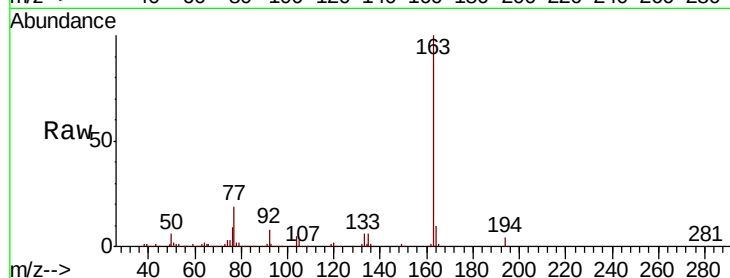
Tot Ion:163 Resp: 317778

Ion Ratio Lower Upper

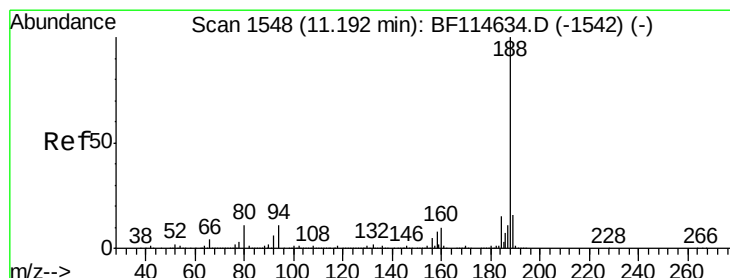
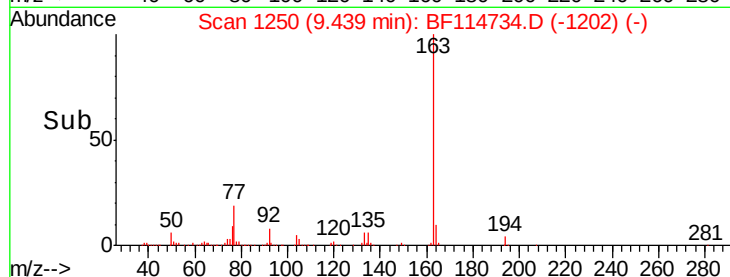
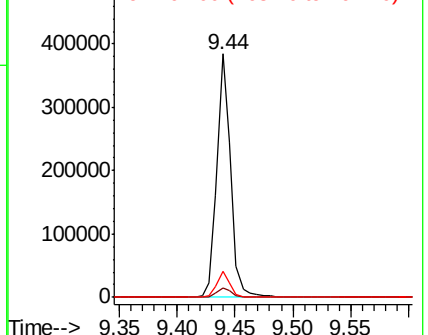
163 100

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

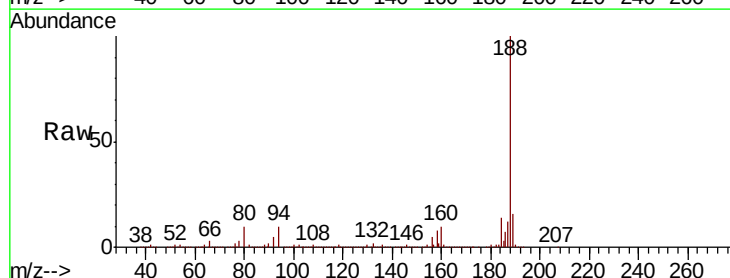
Tgt Ion:188 Resp: 1191044

Ion Ratio Lower Upper

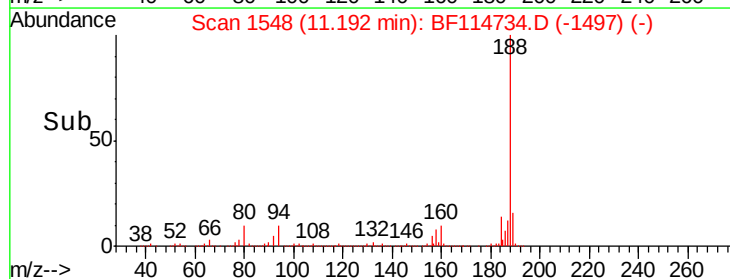
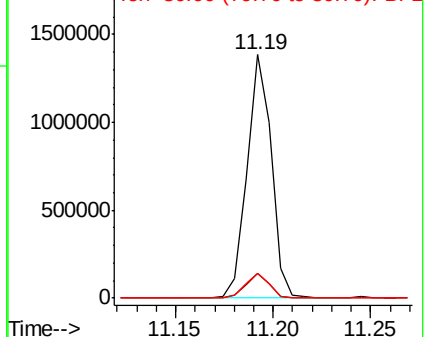
188 100

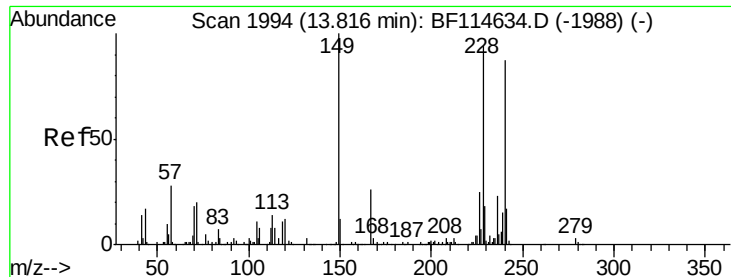
94 10.1 8.6 13.0

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

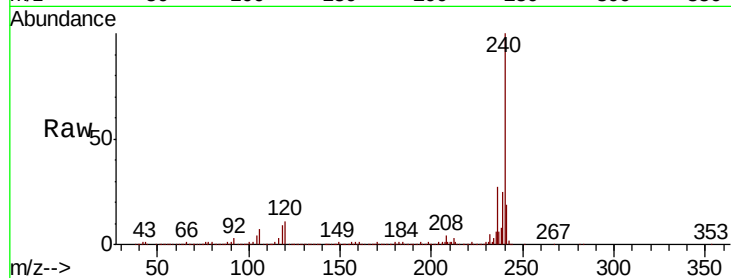




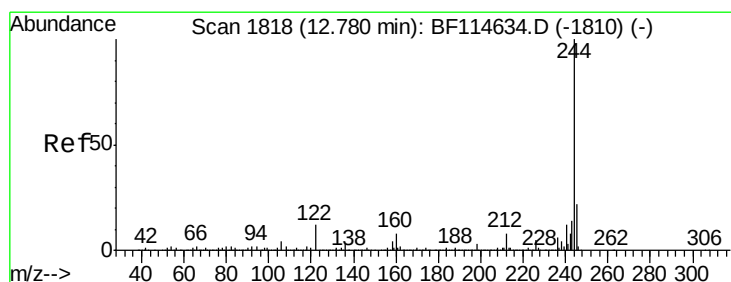
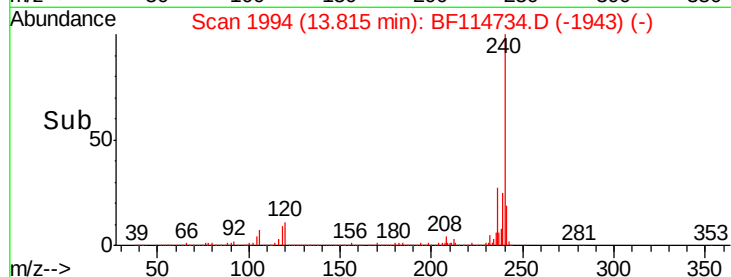
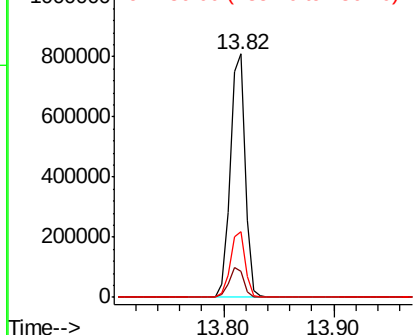
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tot Ion:240 Resp: 771992
Ion Ratio Lower Upper
240 100
120 10.6 11.2 16.8#
236 27.2 21.2 31.8

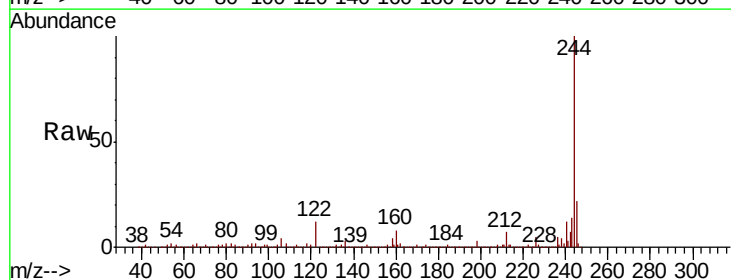


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

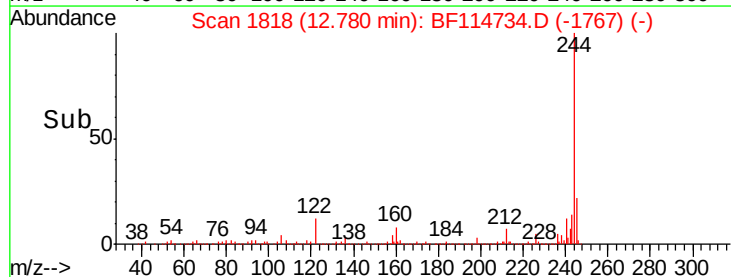
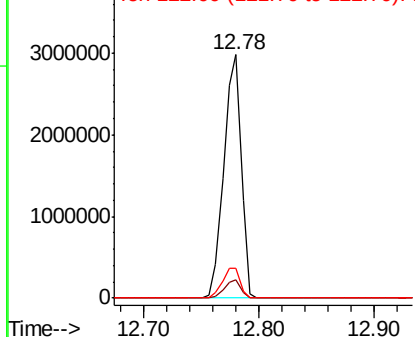


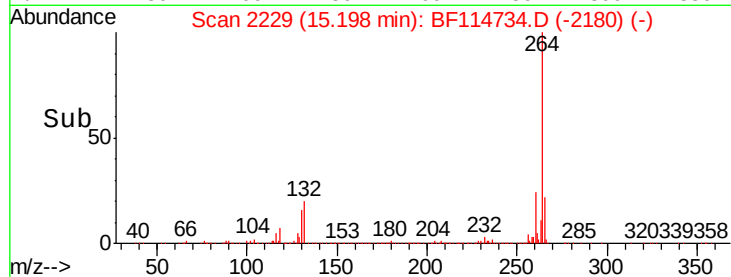
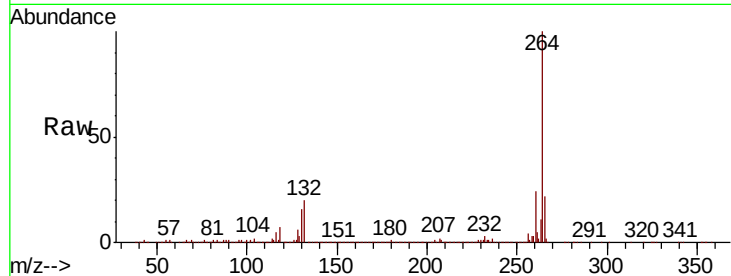
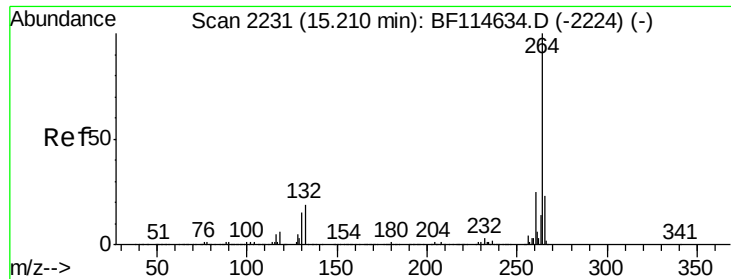
#79
Terphenyl-d14
Concen: 75.570 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion:244 Resp: 3102900
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.2 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

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

Instrument :

BNA_F

ClientSampleId :

SUMP

Tot Ion:264 Resp: 703451

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 22.1 18.1 27.1

