

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114773.D
 Acq On : 1 Jun 2019 23:22
 Operator : HP/JU
 Sample : K3104-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-251-688

Quant Time: Jun 03 04:55:37 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

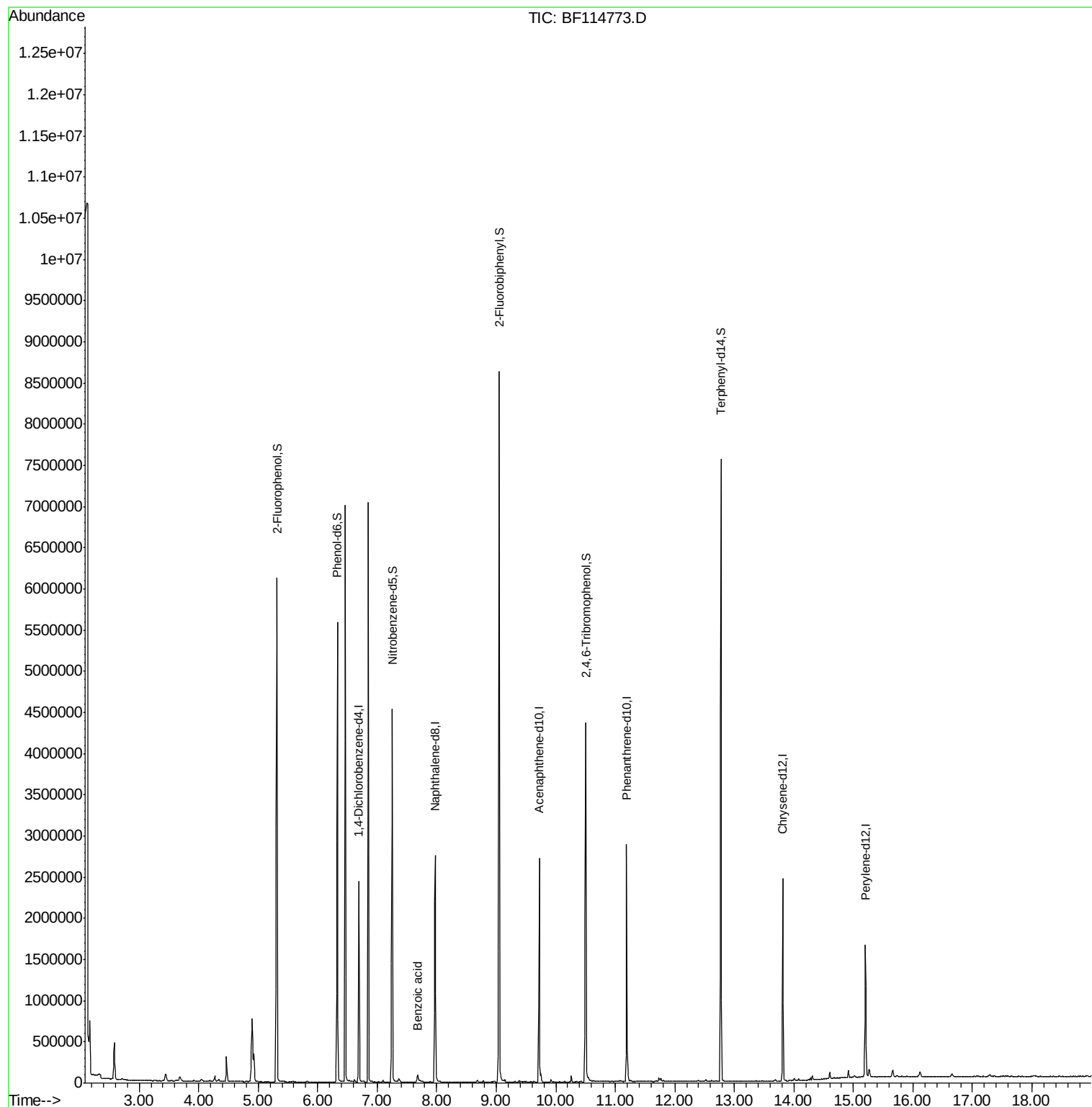
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	366833	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1332831	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	595958	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1023892	20.00	ng	0.00
76) Chrysene-d12	13.82	240	808024	20.00	ng	0.00
87) Perylene-d12	15.20	264	723601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1960397	93.83	ng	0.02
7) Phenol-d6	6.33	99	2046259	81.27	ng	0.00
23) Nitrobenzene-d5	7.25	82	1649810	77.23	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	628587	110.70	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2968608	95.56	ng	0.00
79) Terphenyl-d14	12.77	244	2704980	62.94	ng	0.00
Target Compounds						
32) Benzoic acid	7.68	122	39600	3.319	ng	Qvalue 95

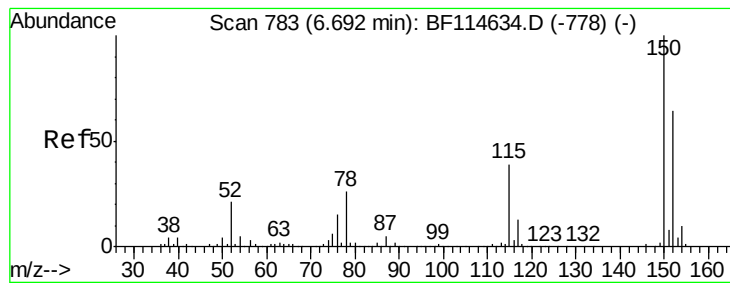
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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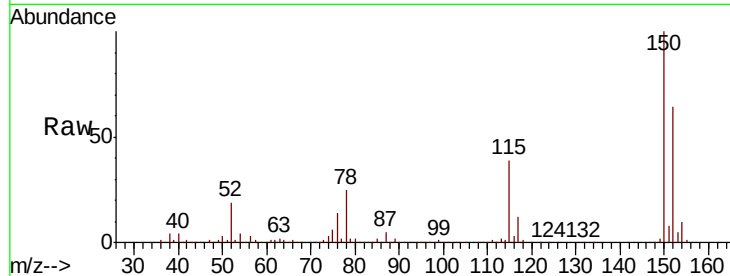


#1

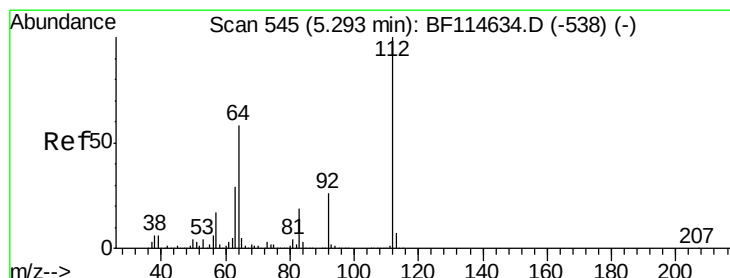
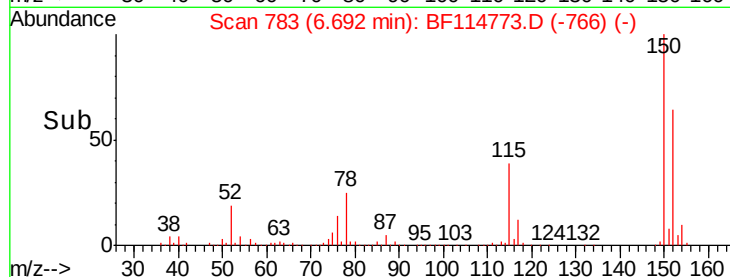
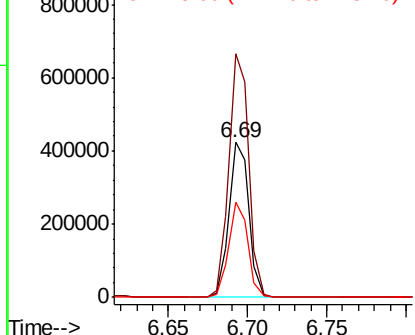
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114773.D
Acq: 1 Jun 2019 23:22

Instrument :
BNA_F
ClientSampleId :
RBR-251-688

Tot Ion:152 Resp: 366833
Ion Ratio Lower Upper
152 100
150 157.3 124.4 186.6
115 61.5 48.7 73.1



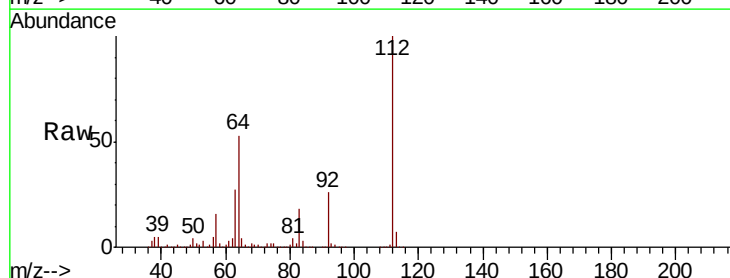
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



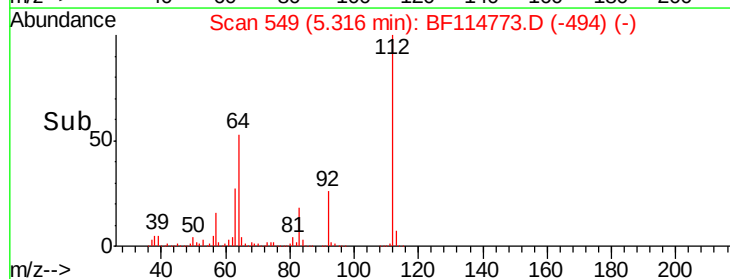
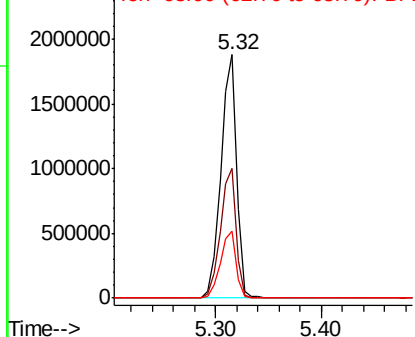
#5

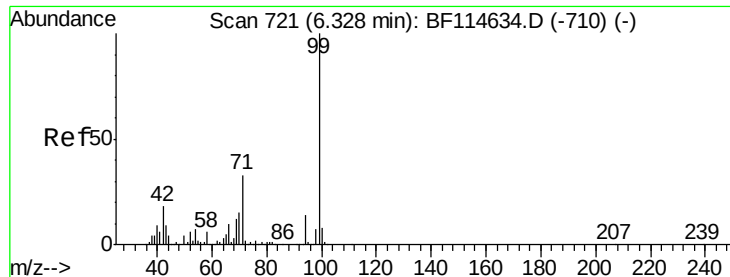
2-Fluorophenol
Concen: 93.827 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114773.D
Acq: 1 Jun 2019 23:22

Tgt Ion:112 Resp: 1960397
Ion Ratio Lower Upper
112 100
64 53.0 46.1 69.1
63 27.3 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: 81.273 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

Instrument :

BNA_F

ClientSampleId :

RBR-251-688

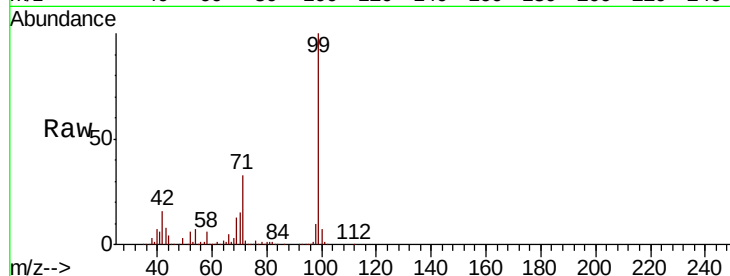
Tot Ion: 99 Resp: 2046259

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.7	22.1
71	33.3	26.6	40.0

99 100

42 16.2 14.7 22.1

71 33.3 26.6 40.0

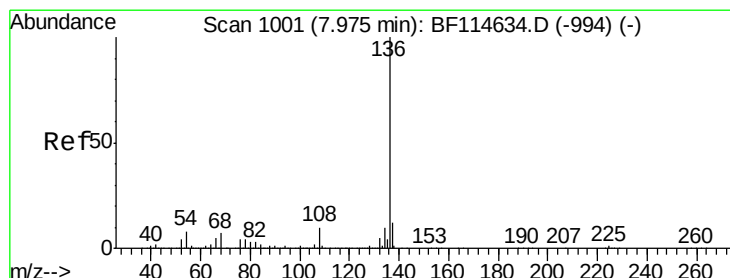
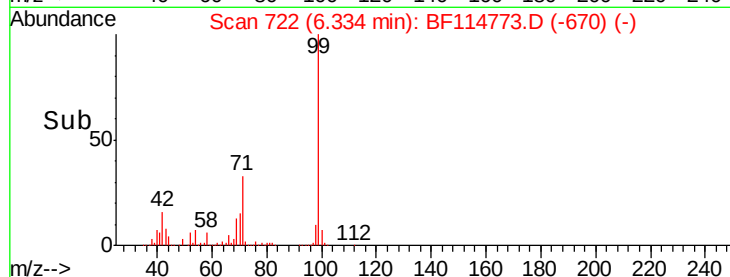
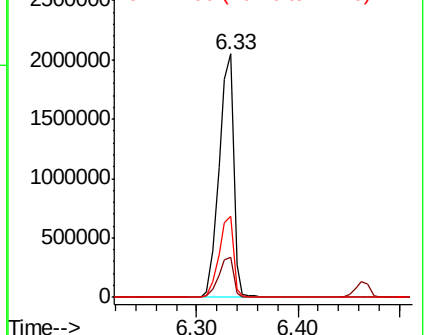


Abundance

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: BF114773.D

Acq: 1 Jun 2019 23:22

Tgt Ion: 136 Resp: 1332831

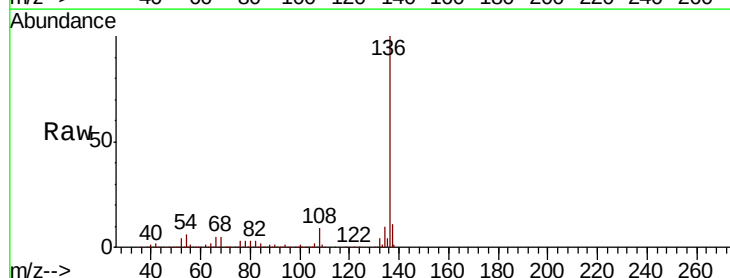
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.5	6.3	9.5
68	5.3	5.4	8.0

136 100

137 11.1 9.3 13.9

54 6.5 6.3 9.5

68 5.3 5.4 8.0#



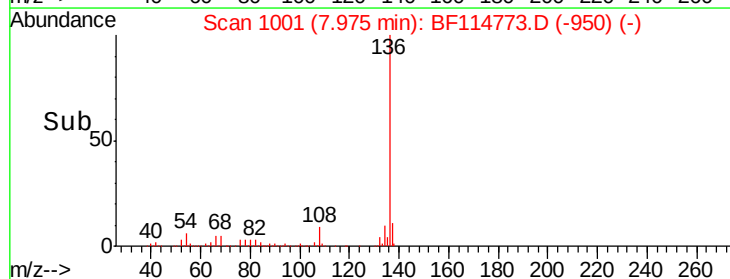
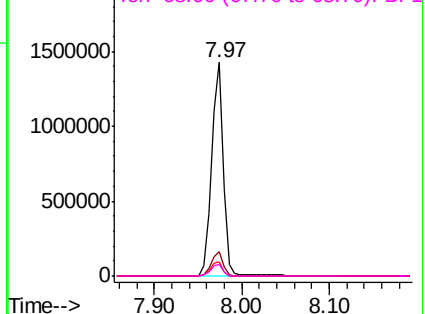
Abundance

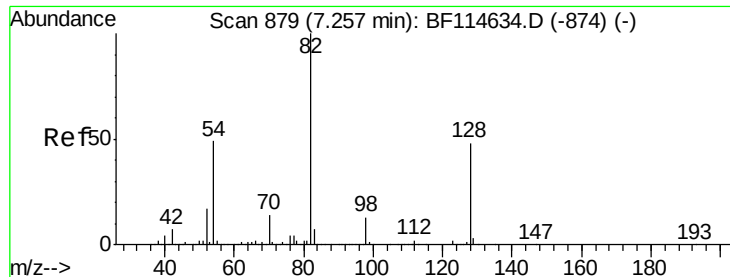
Ion 136.00 (135.70 to 136.70): E

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

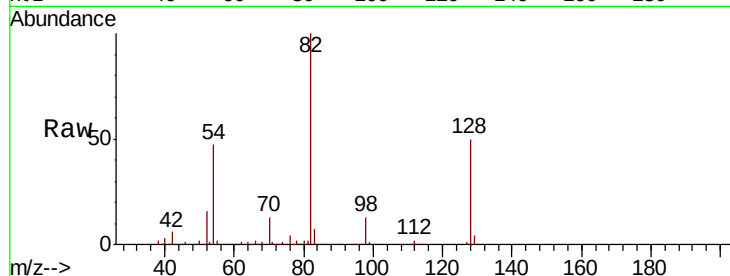




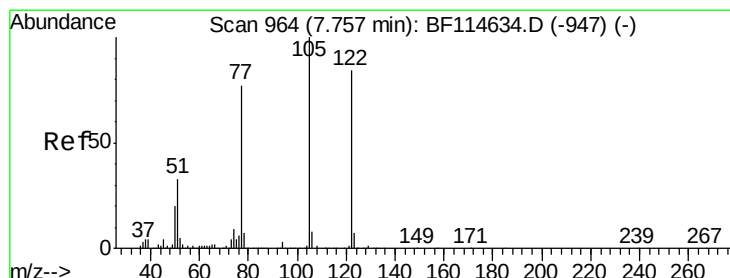
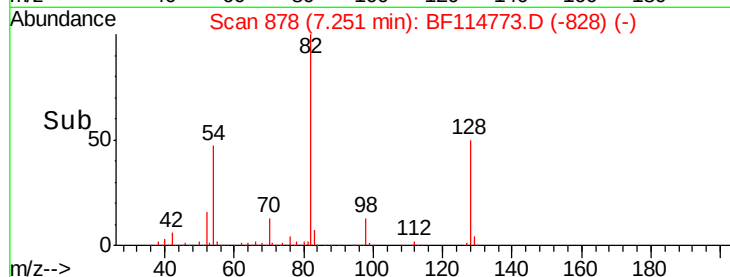
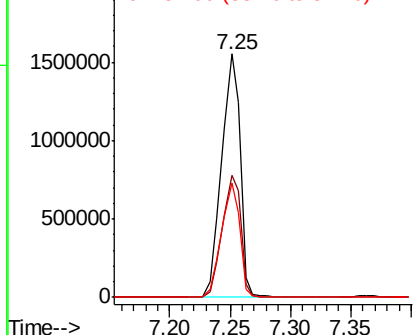
#23
Nitrobenzene-d5
Concen: 77.227 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114773.D
Acq: 1 Jun 2019 23:22

Instrument :
BNA_F
ClientSampleId :
RBR-251-688

Tot Ion: 82 Resp: 1649810
Ion Ratio Lower Upper
82 100
128 50.1 38.5 57.7
54 46.9 39.1 58.7

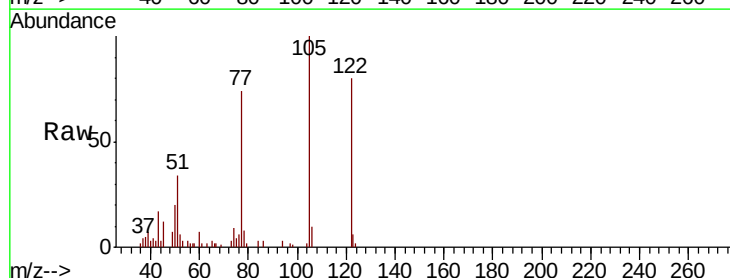


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

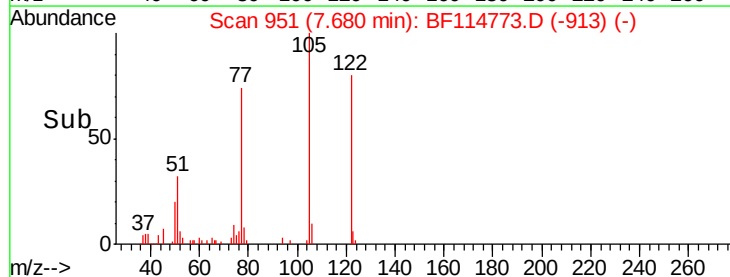
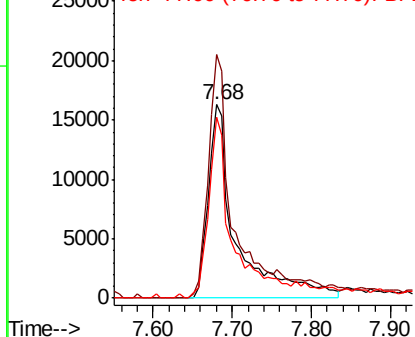


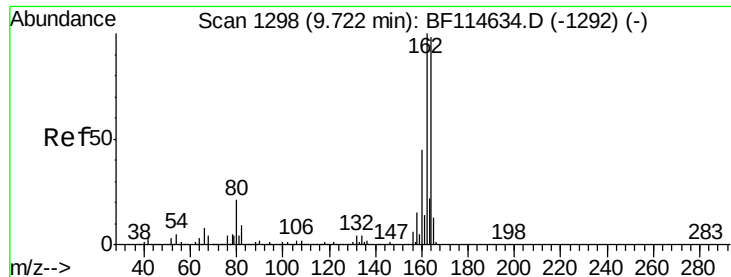
#32
Benzoic acid
Concen: 3.319 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.08 min
Lab File: BF114773.D
Acq: 1 Jun 2019 23:22

Tgt Ion:122 Resp: 39600
Ion Ratio Lower Upper
122 100
105 125.7 98.3 138.3
77 93.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

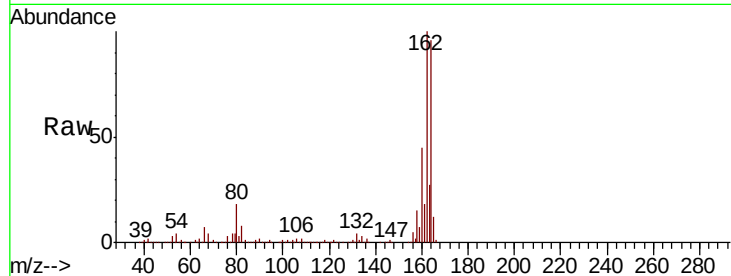




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114773.D
Acq: 1 Jun 2019 23:22

Instrument :
BNA_F
ClientSampleId :
RBR-251-688

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.4	122.2
160	46.7	36.6	54.8

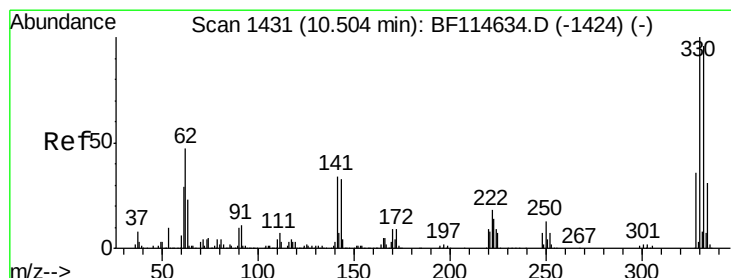
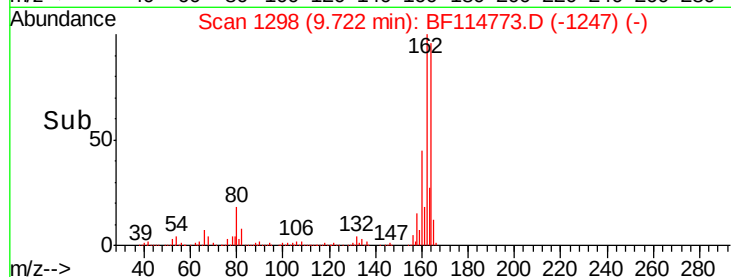
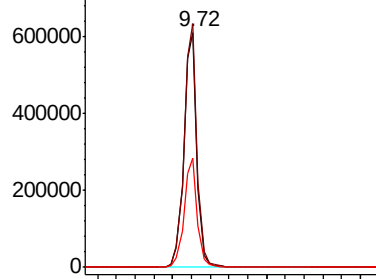


Abundance

Ion 164.00 (163.70 to 164.70): E

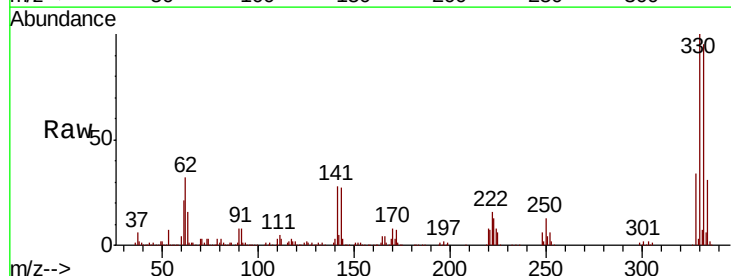
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 110.695 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114773.D
Acq: 1 Jun 2019 23:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.8	113.8
141	33.3	27.8	41.8

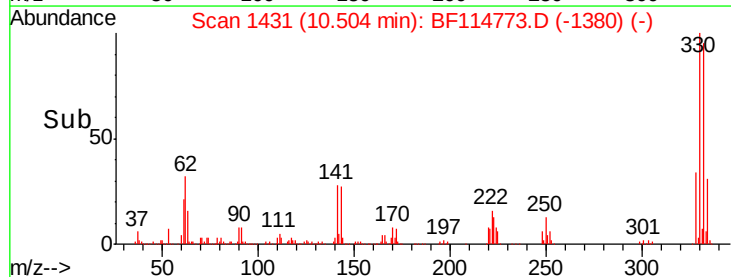
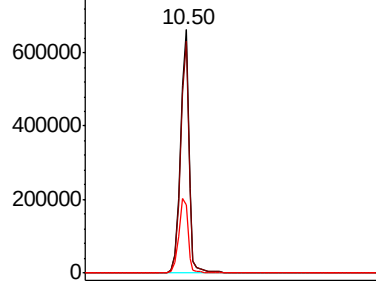


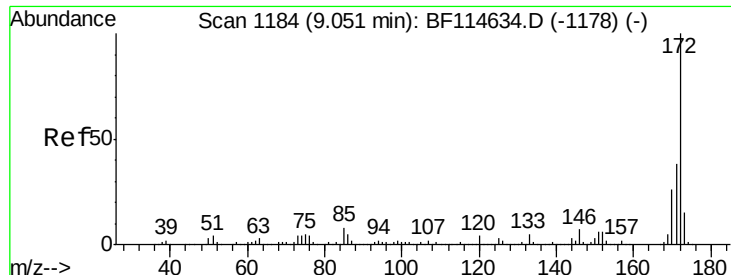
Abundance

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

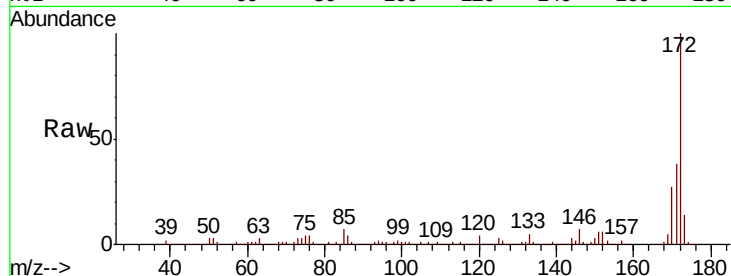




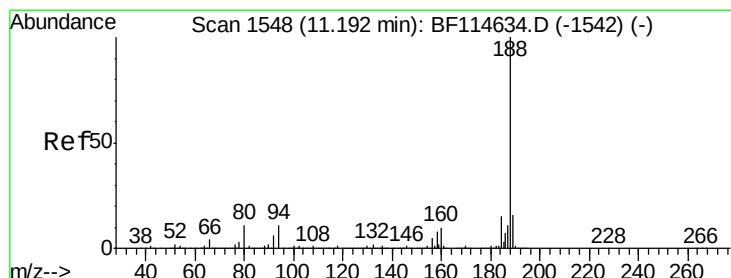
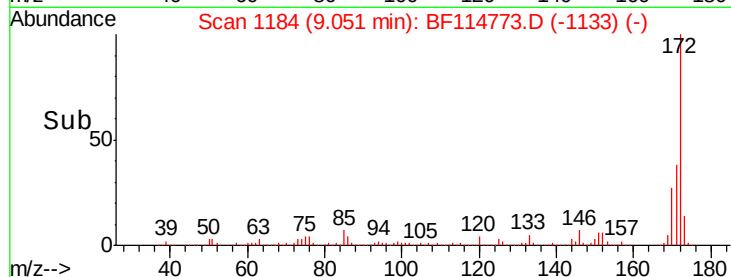
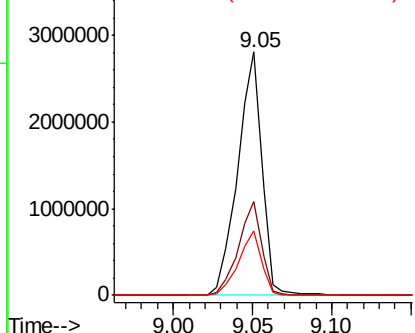
#45
 2-Fluorobiphenyl
 Concen: 95.560 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114773.D
 Acq: 1 Jun 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 RBR-251-688

Tot Ion:172 Resp: 2968608
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.6 45.8
 170 26.6 20.7 31.1

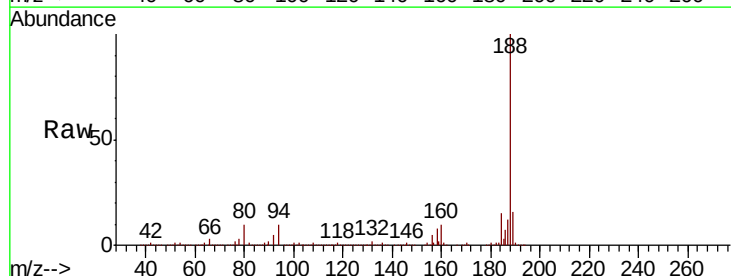


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

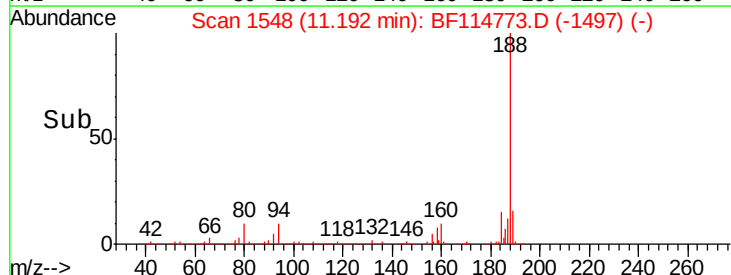
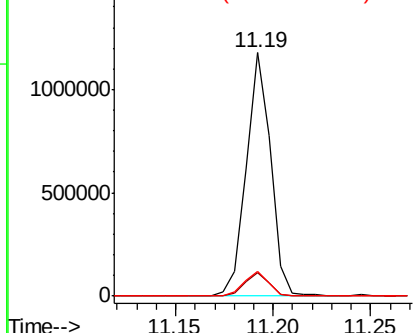


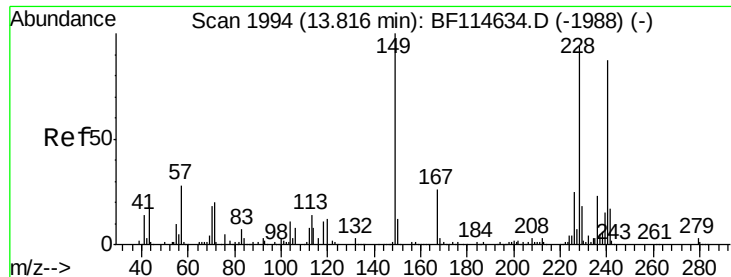
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF114773.D
 Acq: 1 Jun 2019 23:22

Tgt Ion:188 Resp: 1023892
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.6 13.0
 80 10.4 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: BF114773.D

Acq: 1 Jun 2019 23:22

Instrument :

BNA_F

ClientSampleId :

RBR-251-688

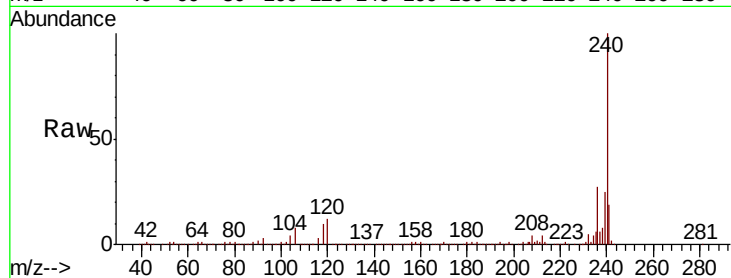
Tot Ion:240 Resp: 808024

Ion Ratio Lower Upper

240 100

120 11.7 11.2 16.8

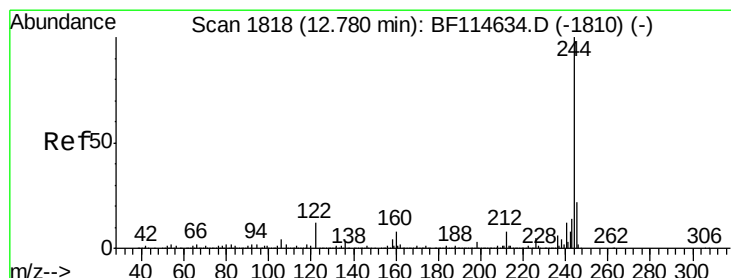
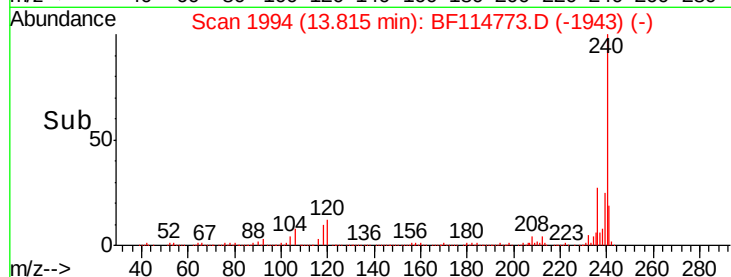
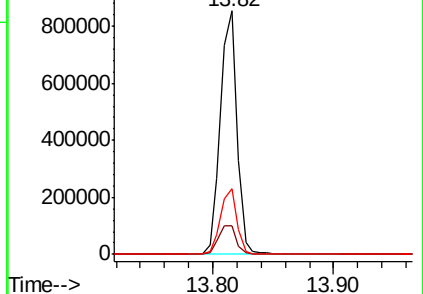
236 27.1 21.2 31.8



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: 62.941 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114773.D

Acq: 1 Jun 2019 23:22

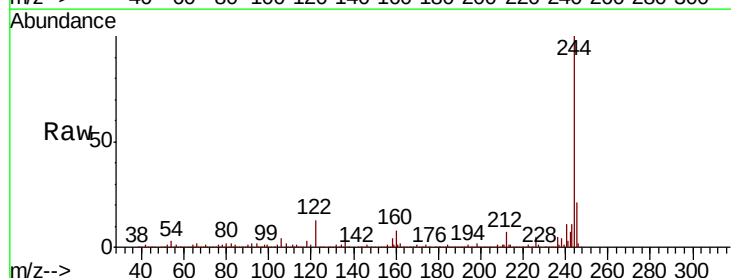
Tgt Ion:244 Resp: 2704980

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

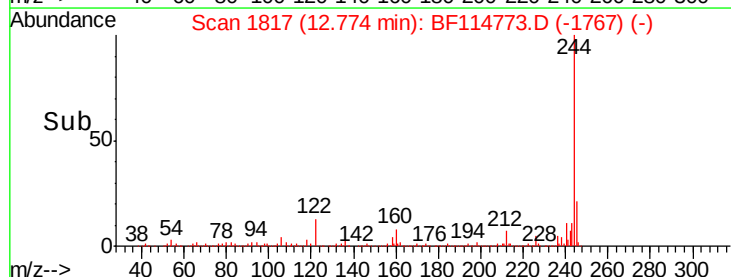
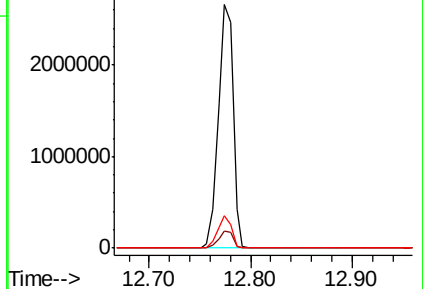
122 13.3 9.8 14.8

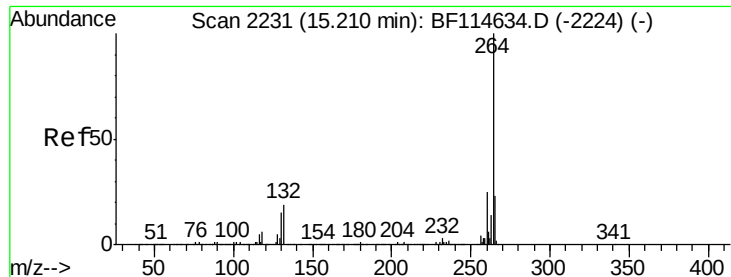


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2230
Delta R.T. -0.01 min
Lab File: BF114773.D
Acq: 1 Jun 2019 23:22

Instrument :
BNA_F
ClientSampleId :
RBR-251-688

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.6	18.1	27.1

