

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114769.D
 Acq On : 1 Jun 2019 21:36
 Operator : HP/JU
 Sample : K2639-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-A

Quant Time: Jun 03 04:48:46 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

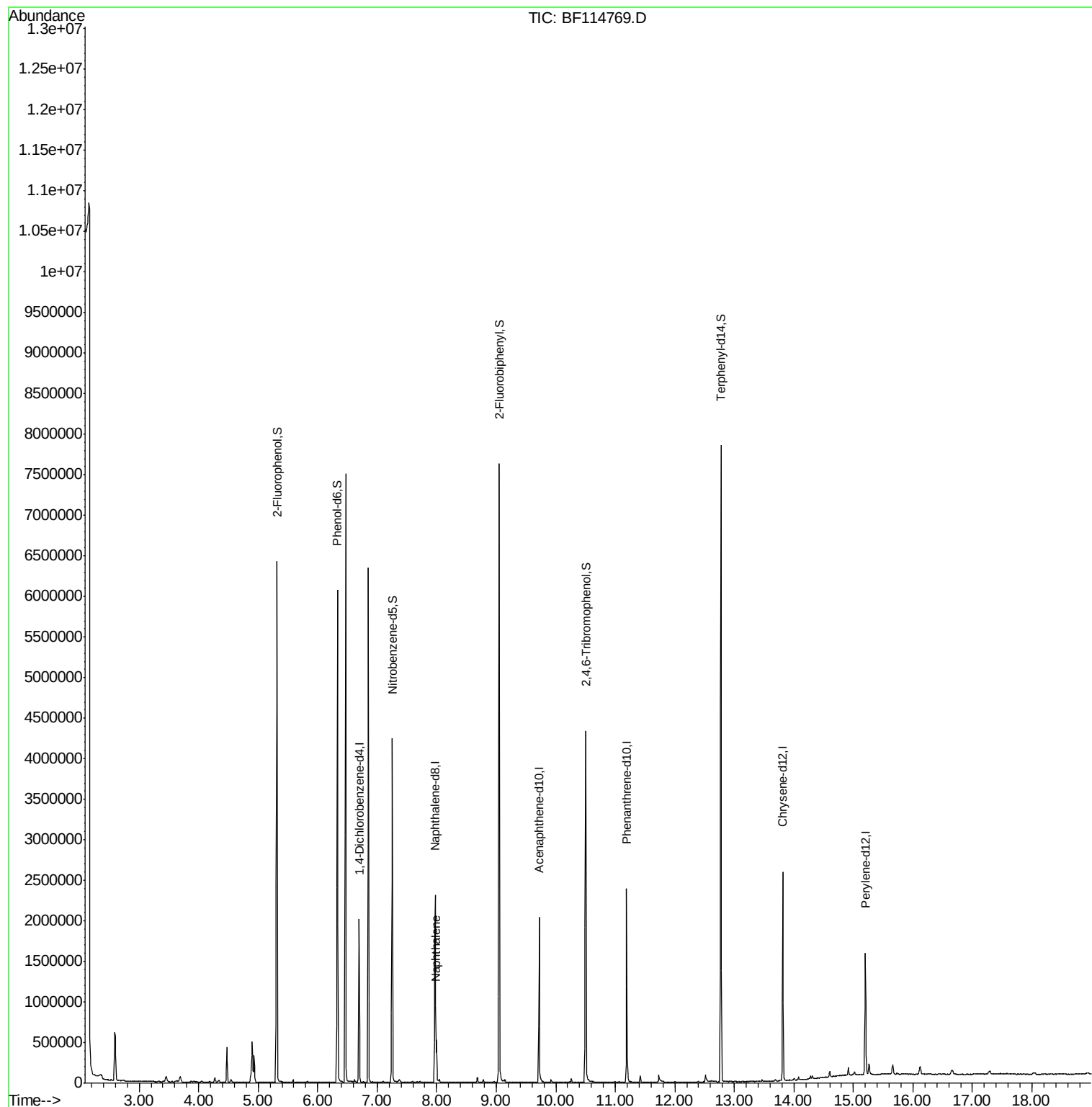
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	299673	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1029934	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	449148	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	842785	20.00	ng	0.00
76) Chrysene-d12	13.82	240	824780	20.00	ng	0.00
87) Perylene-d12	15.20	264	684001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2003105	117.36	ng	0.02
7) Phenol-d6	6.33	99	2091542	101.69	ng	0.00
23) Nitrobenzene-d5	7.25	82	1527028	92.50	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	611619	142.91	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2651498	116.90	ng	0.00
79) Terphenyl-d14	12.78	244	2919797	66.56	ng	0.00
Target Compounds						
31) Naphthalene	7.99	128	301670	6.359	ng	Qvalue 95

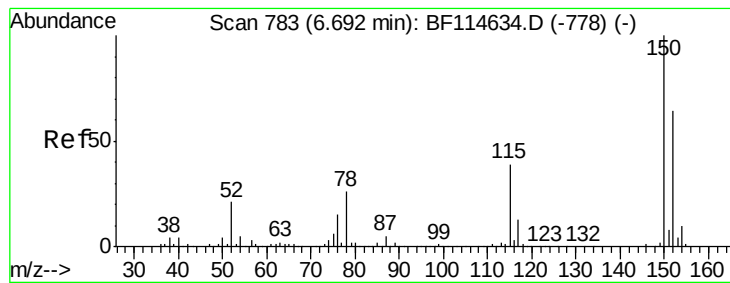
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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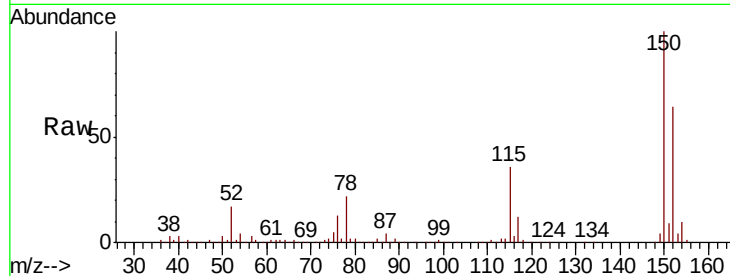


#1

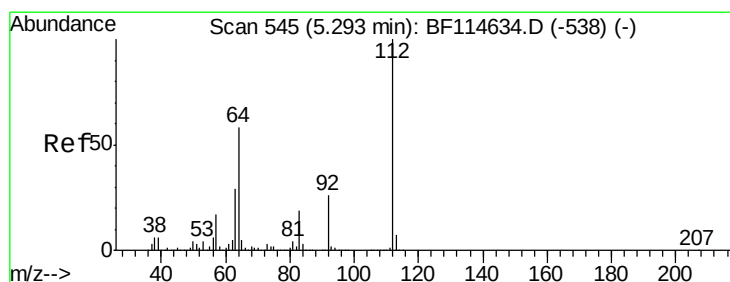
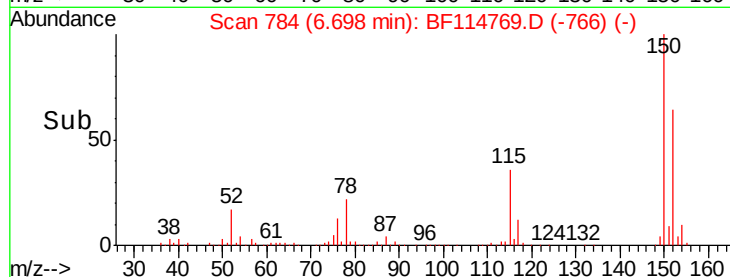
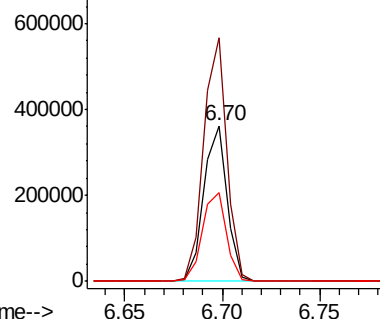
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114769.D
Acq: 1 Jun 2019 21:36

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tot Ion:152 Resp: 299673
Ion Ratio Lower Upper
152 100
150 156.6 124.4 186.6
115 56.9 48.7 73.1



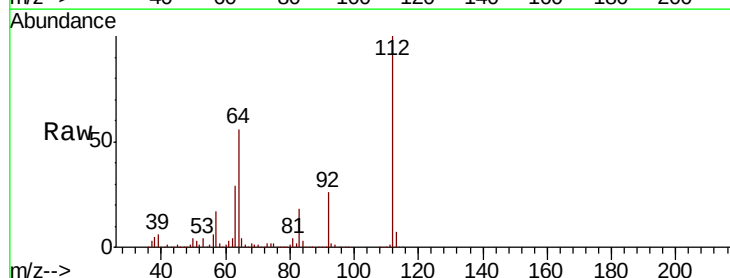
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



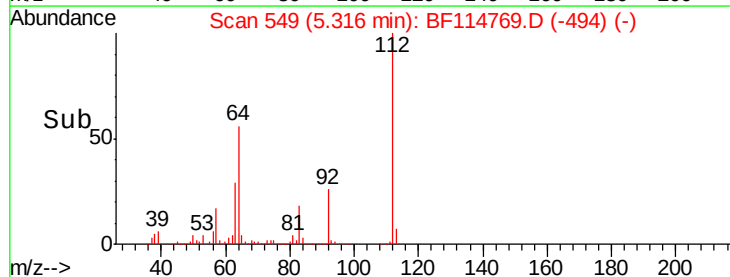
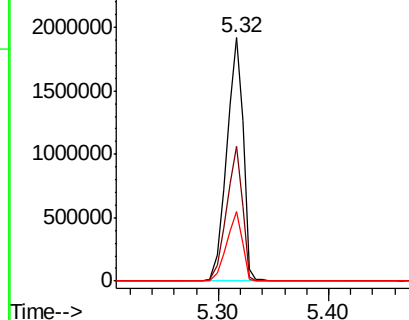
#5

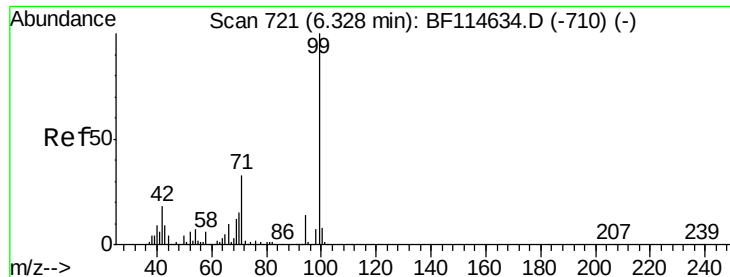
2-Fluorophenol
Concen: 117.357 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114769.D
Acq: 1 Jun 2019 21:36

Tgt Ion:112 Resp: 2003105
Ion Ratio Lower Upper
112 100
64 55.6 46.1 69.1
63 28.8 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: 101.688 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114769.D

Acq: 1 Jun 2019 21:36

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-A

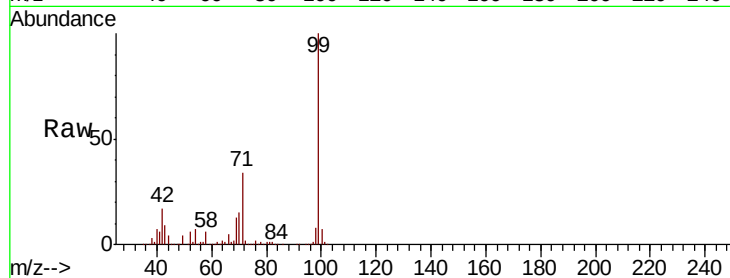
Tot Ion: 99 Resp: 2091542

Ion Ratio Lower Upper

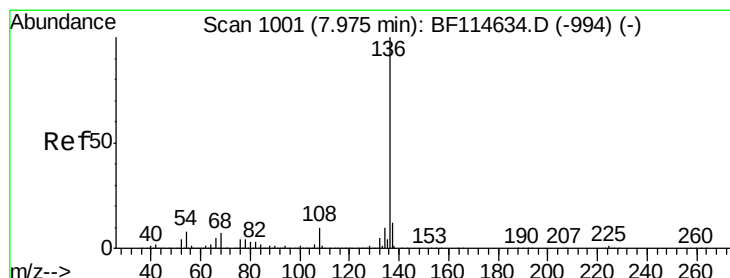
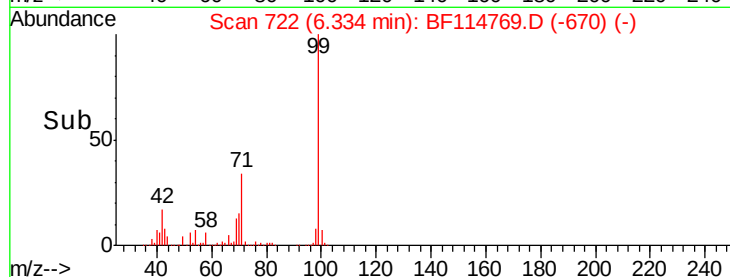
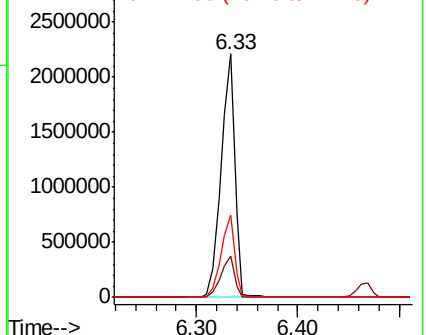
99 100

42 17.2 14.7 22.1

71 33.6 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: BF114769.D

Acq: 1 Jun 2019 21:36

Tgt Ion:136 Resp: 1029934

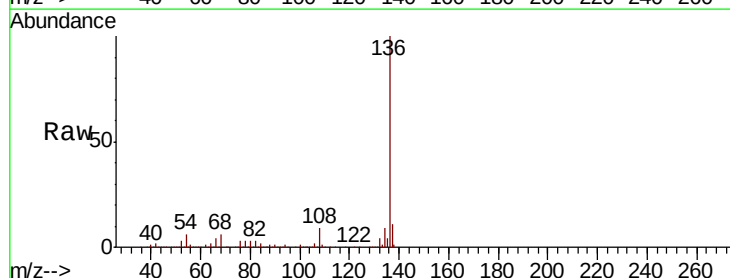
Ion Ratio Lower Upper

136 100

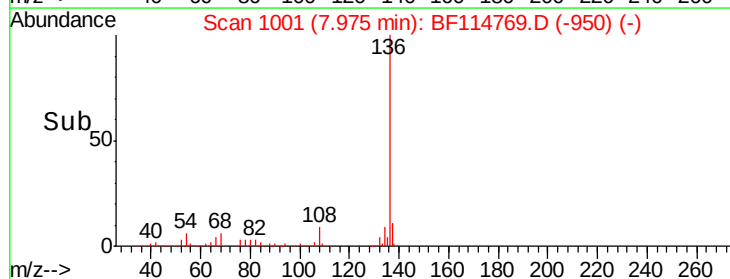
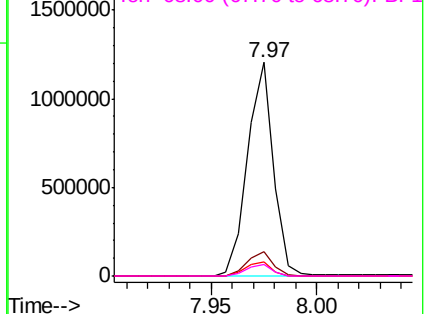
137 11.3 9.3 13.9

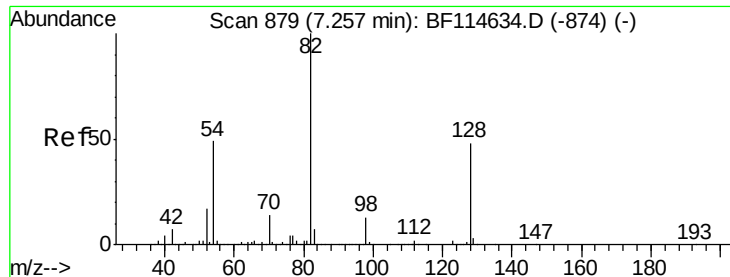
54 6.4 6.3 9.5

68 5.6 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

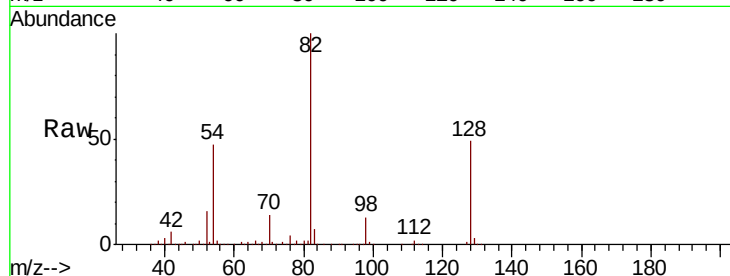




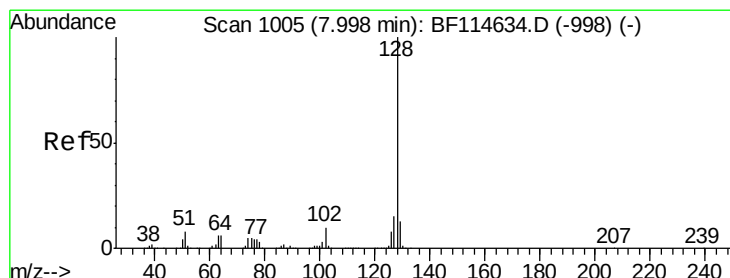
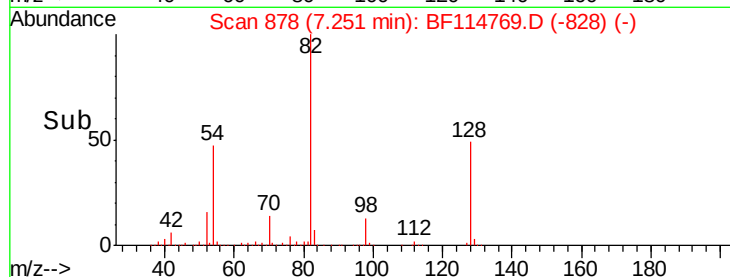
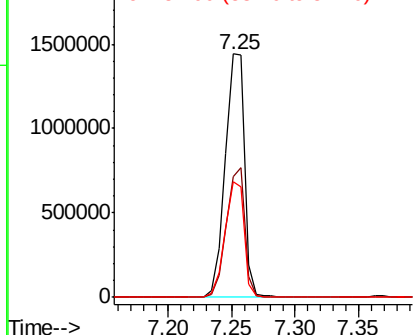
#23
 Nitrobenzene-d5
 Concen: 92.501 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF114769.D
 Acq: 1 Jun 2019 21:36

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-A

Tot Ion: 82 Resp: 1527028
 Ion Ratio Lower Upper
 82 100
 128 49.5 38.5 57.7
 54 47.4 39.1 58.7

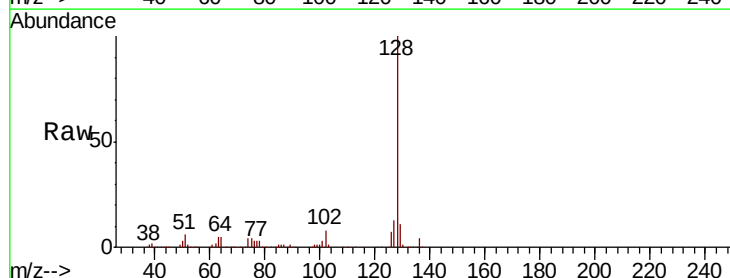


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

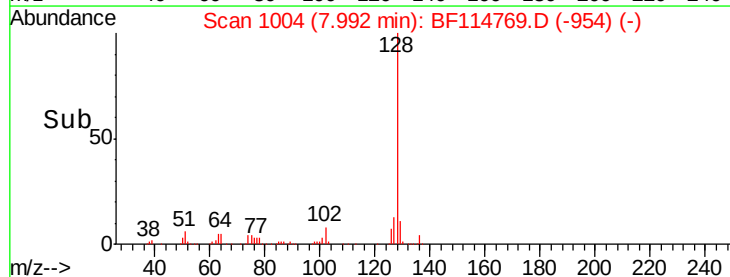
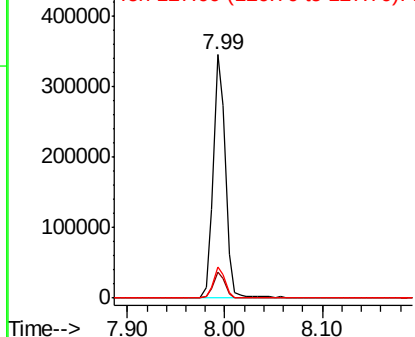


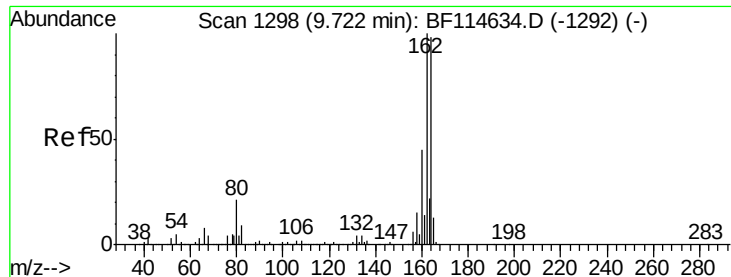
#31
 Naphthalene
 Concen: 6.359 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF114769.D
 Acq: 1 Jun 2019 21:36

Tgt Ion: 128 Resp: 301670
 Ion Ratio Lower Upper
 128 100
 129 10.9 10.2 15.2
 127 12.8 11.9 17.9



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

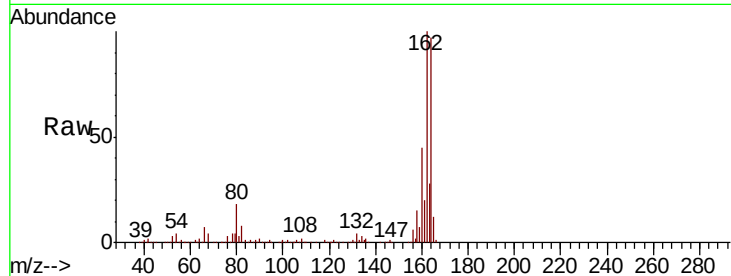




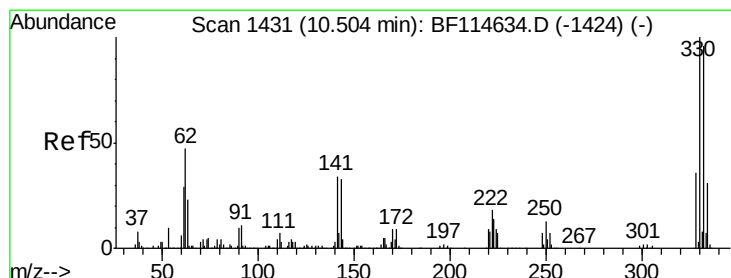
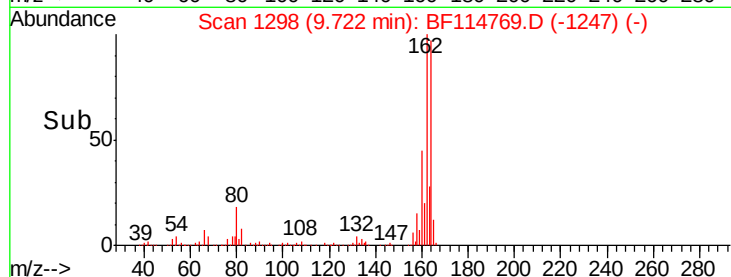
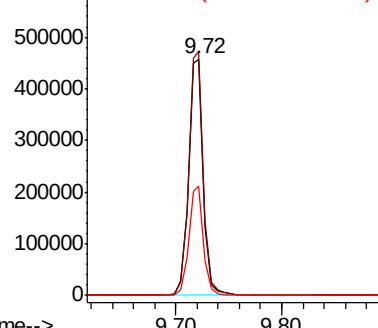
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114769.D
Acq: 1 Jun 2019 21:36

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tot Ion:164 Resp: 449148
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.2
160 45.9 36.6 54.8

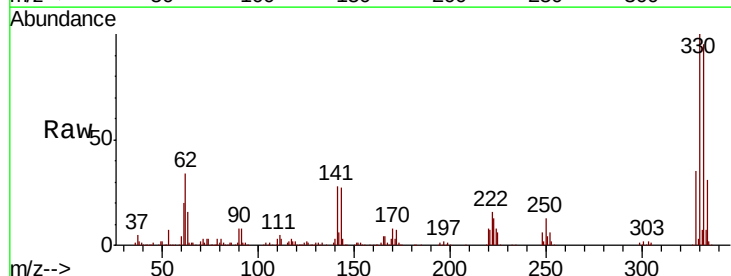


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

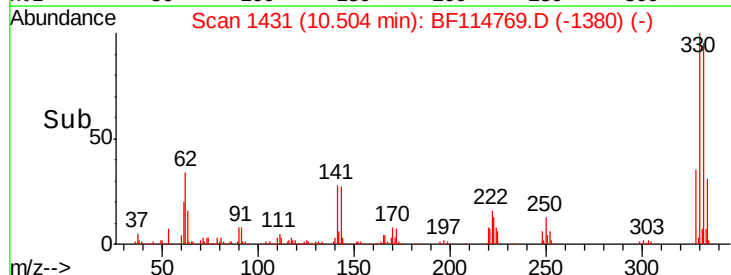
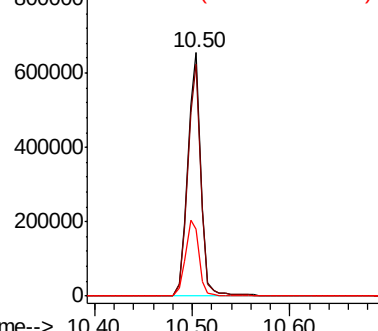


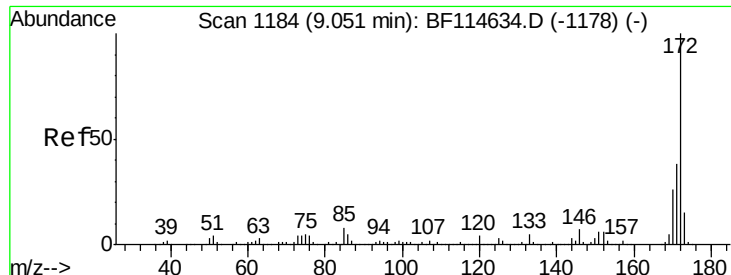
#42
2,4,6-Tribromophenol
Concen: 142.913 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF114769.D
Acq: 1 Jun 2019 21:36

Tgt Ion:330 Resp: 611619
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.8
141 33.0 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



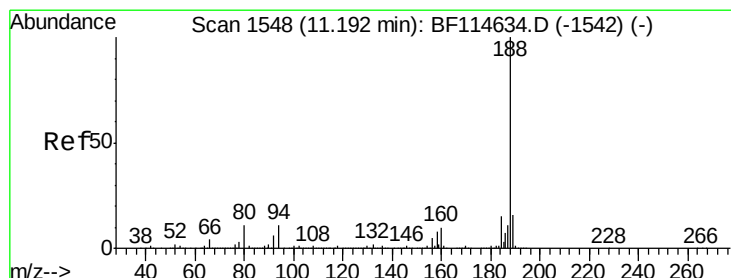
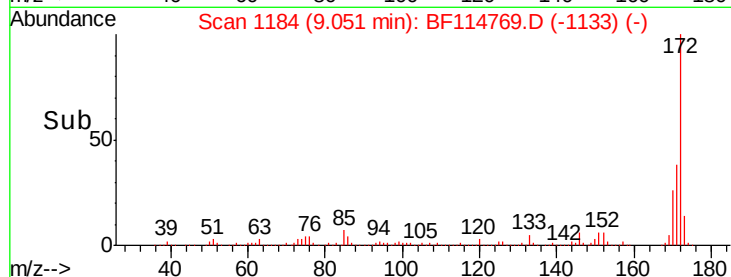
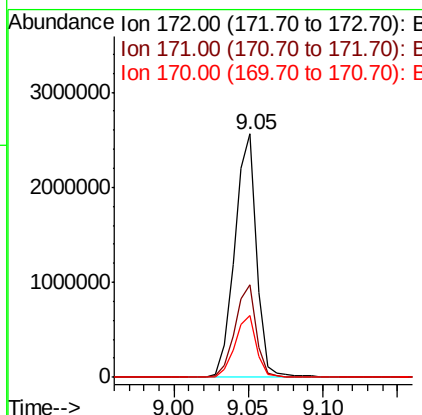
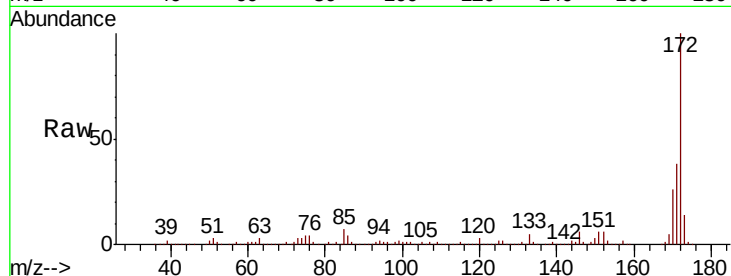


#45
 2-Fluorobiphenyl
 Concen: 116.900 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114769.D
 Acq: 1 Jun 2019 21:36

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-A

Tot Ion:172 Resp: 2651498

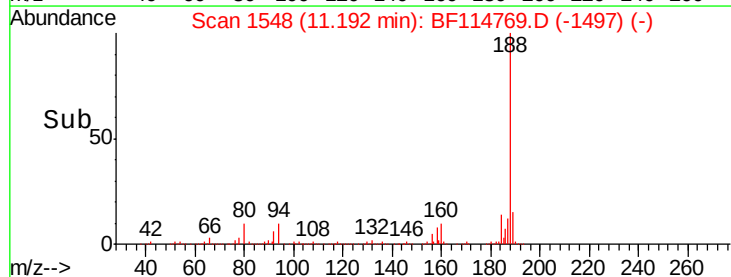
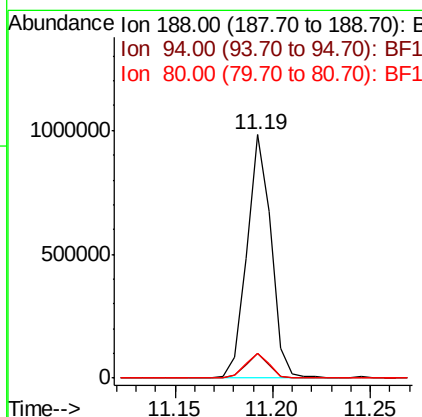
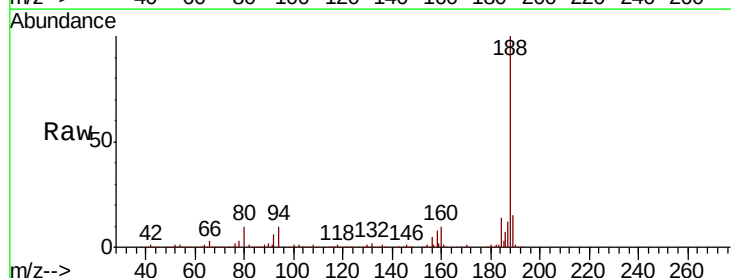
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.6	45.8
170	25.6	20.7	31.1

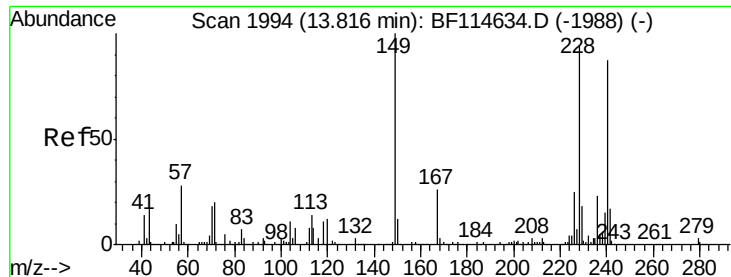


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF114769.D
 Acq: 1 Jun 2019 21:36

Tgt Ion:188 Resp: 842785

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	13.0
80	10.4	9.0	13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF114769.D

Acq: 1 Jun 2019 21:36

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-A

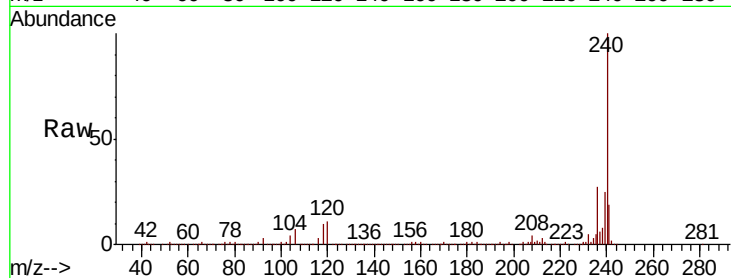
Tot Ion:240 Resp: 824780

Ion Ratio Lower Upper

240 100

120 11.5 11.2 16.8

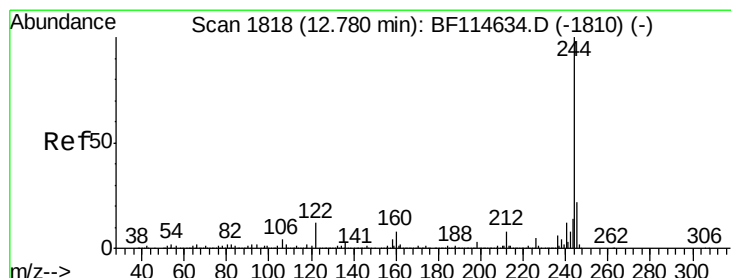
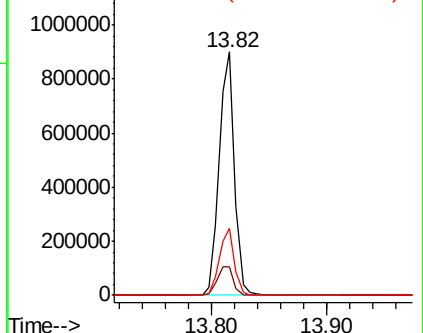
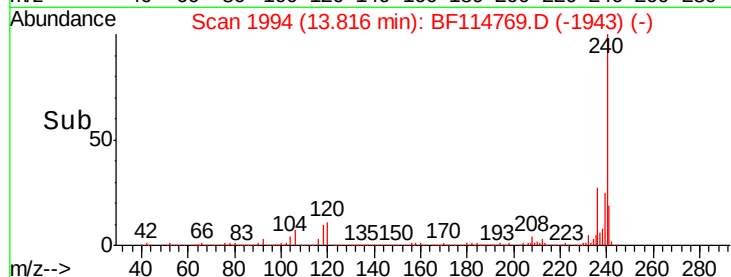
236 27.3 21.2 31.8



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: 66.559 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114769.D

Acq: 1 Jun 2019 21:36

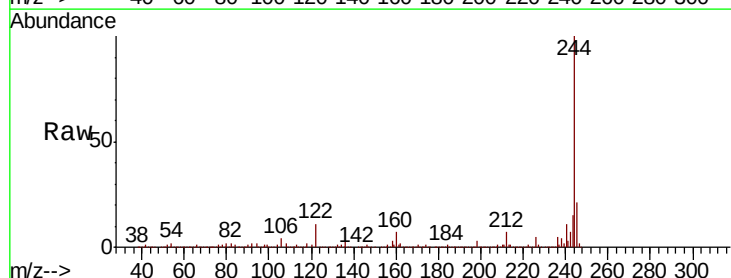
Tgt Ion:244 Resp: 2919797

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

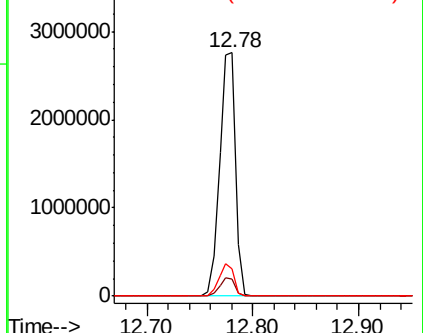
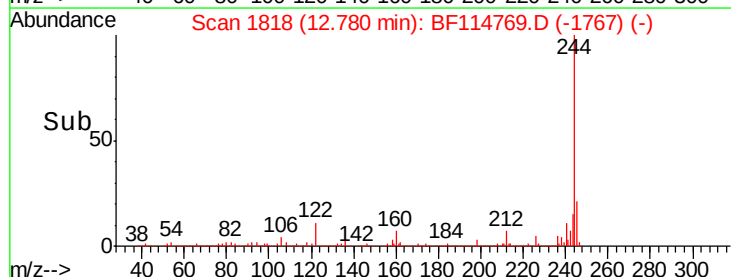
122 11.0 9.8 14.8

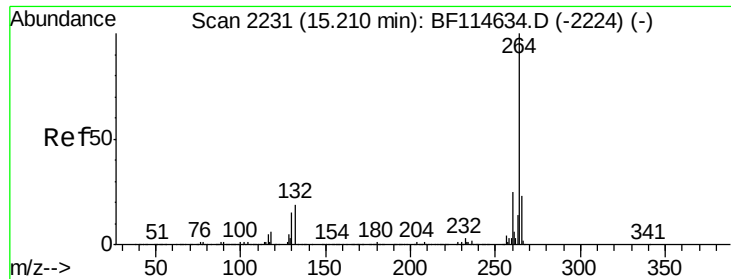


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF114769.D
Acq: 1 Jun 2019 21:36

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.6	19.7	29.5	
265	21.5	18.1	27.1	

