

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 01:45:54 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

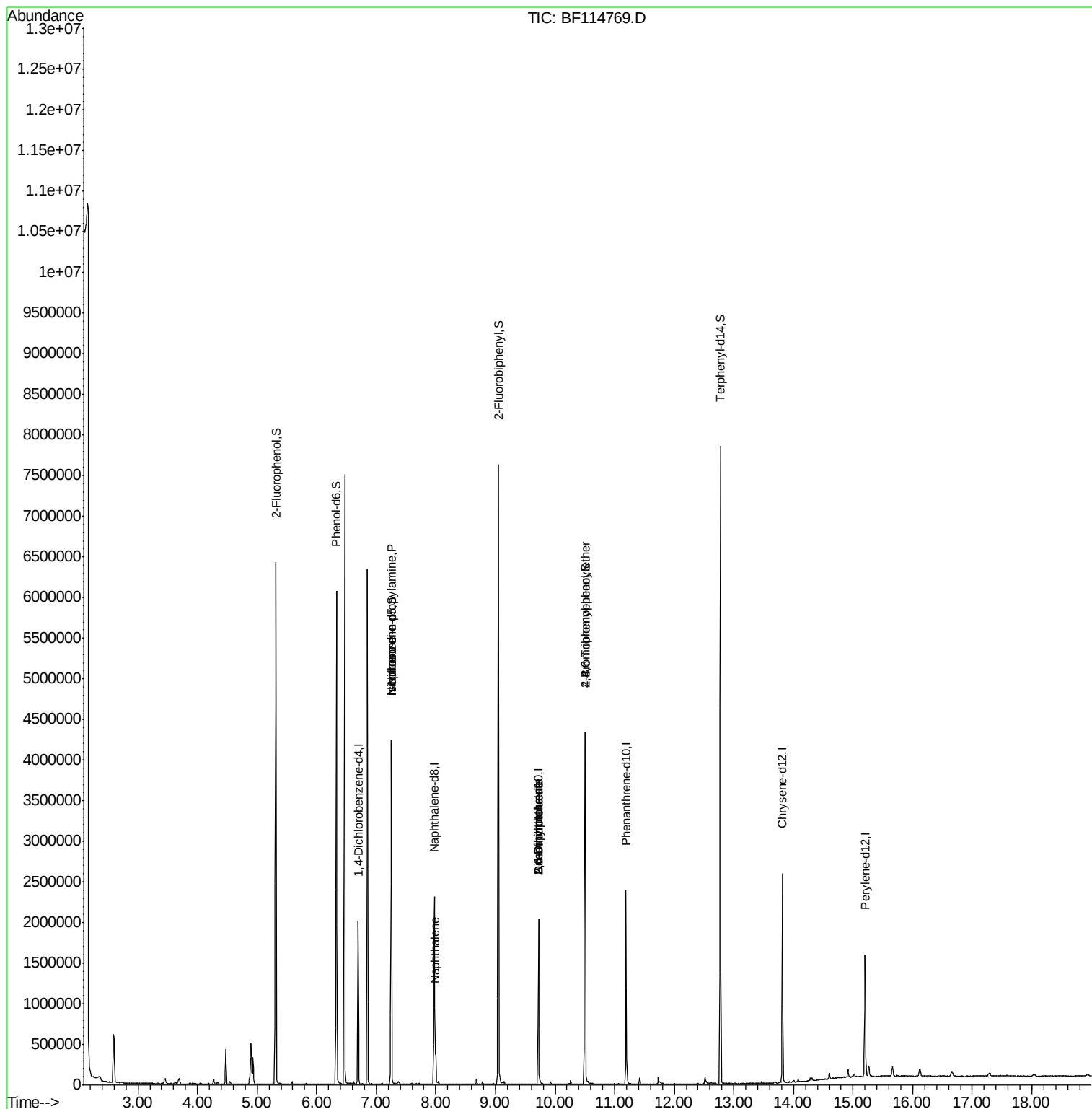
Target Compounds				Qvalue		
9) Benzaldehyde	6.33	77	3960	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.25	70	206959	14.577 ng	#	75
25) Isophorone	7.25	82	1500575	45.294 ng	#	63
31) Naphthalene	7.99	128	301670	6.359 ng		95
50) Dimethylphthalate	9.72	163	123024	3.931 ng	#	1
51) 2,6-Dinitrotoluene	9.72	165	56492	7.768 ng	#	30
57) 2,4-Dinitrotoluene	9.72	165	56492	6.053 ng	#	23
58) Fluorene	10.26	166	13782	Below Cal		93
67) 4-Bromophenyl-phenylether	10.50	248	38524	4.263 ng	#	1
74) Di-n-butylphthalate	11.76	149	7857	Below Cal	#	97

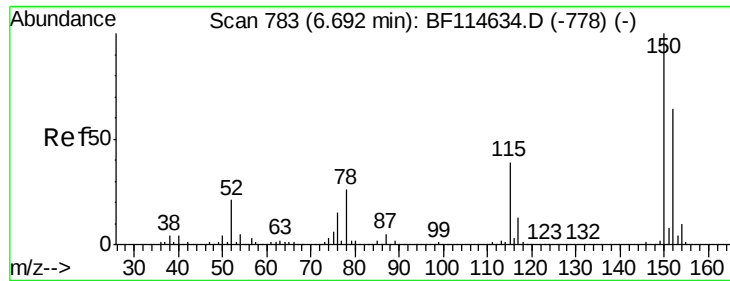
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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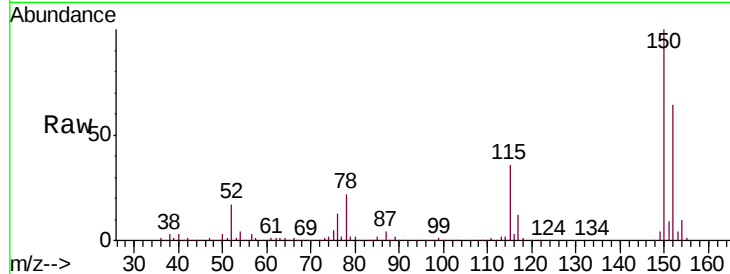


#1

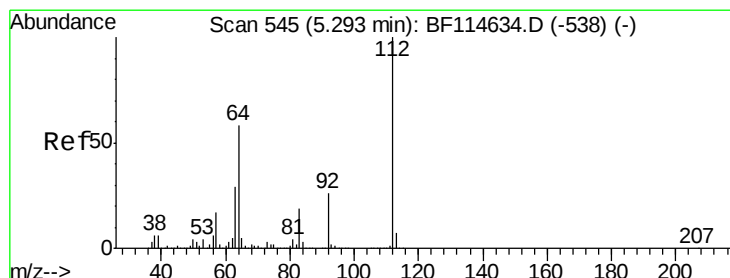
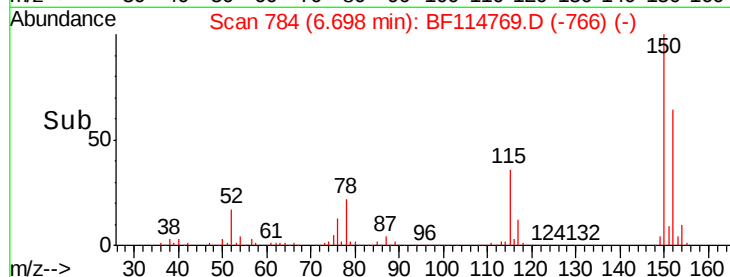
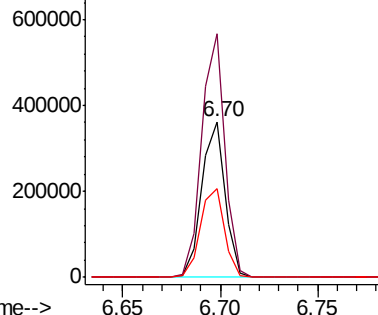
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114769.D
Acq: 1 Jun 2019 21:36

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

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



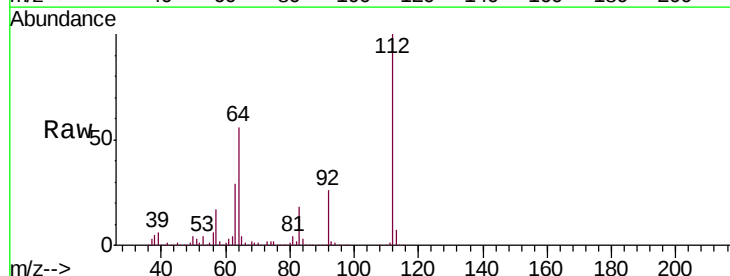
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



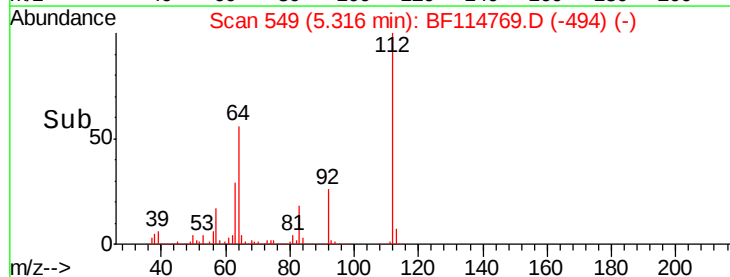
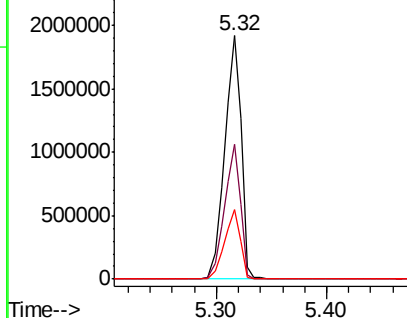
#5

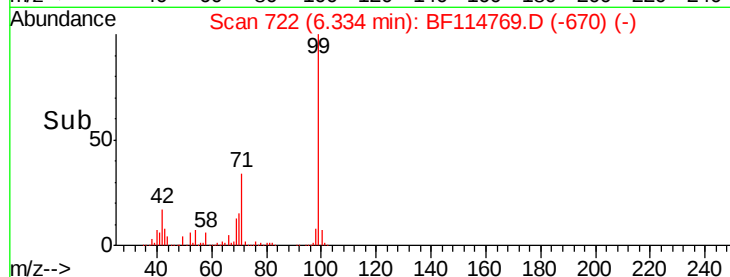
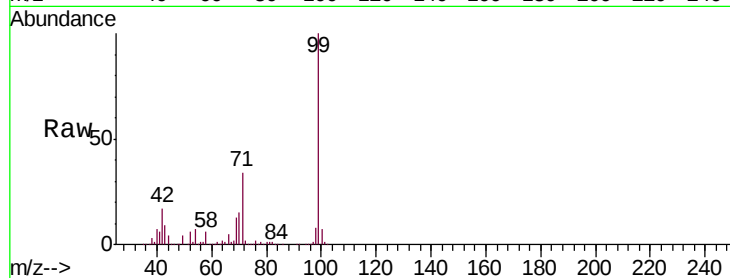
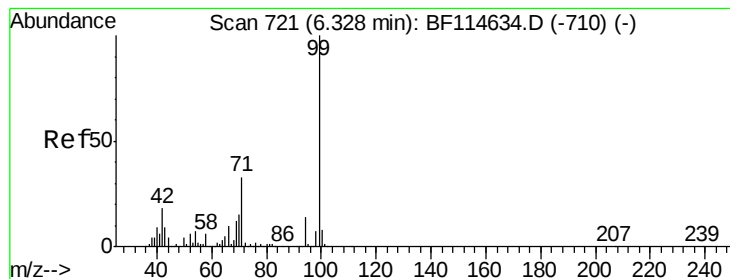
2-Fluorophenol
Concen: 117.357 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114769.D
Acq: 1 Jun 2019 21:36

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

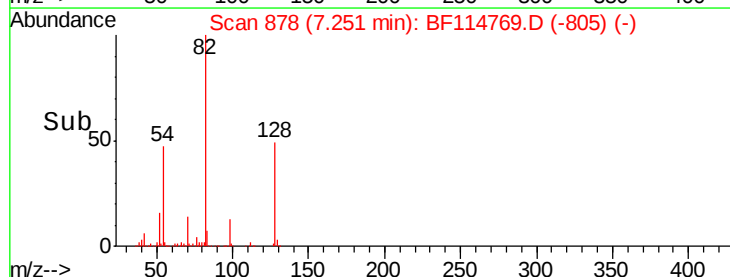
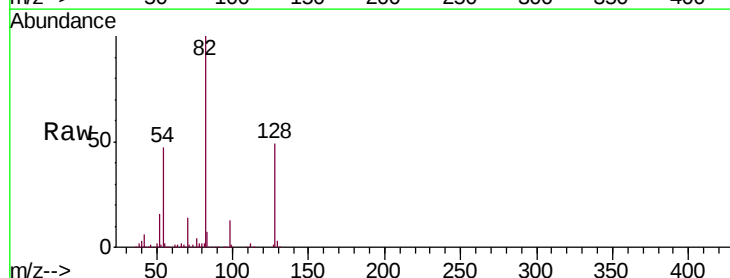
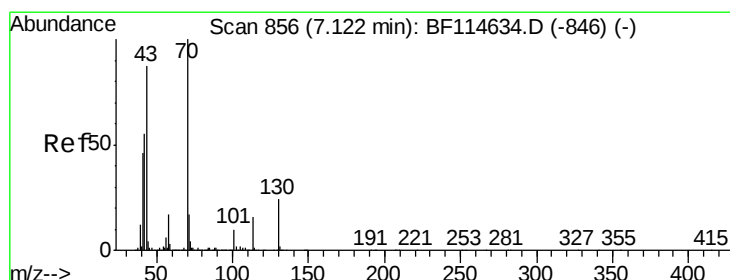
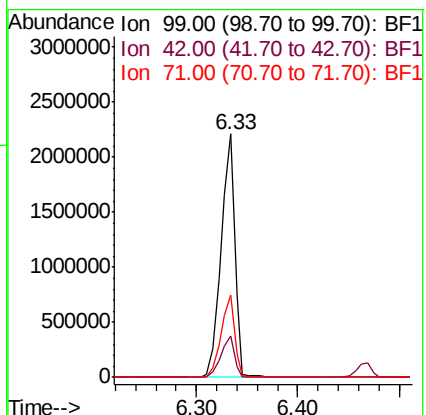
Tgt Ion: 99 Resp: 2091542

Ion Ratio Lower Upper

99 100

42 17.2 14.7 22.1

71 33.6 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.577 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114769.D

Acq: 1 Jun 2019 21:36

Tgt Ion: 70 Resp: 206959

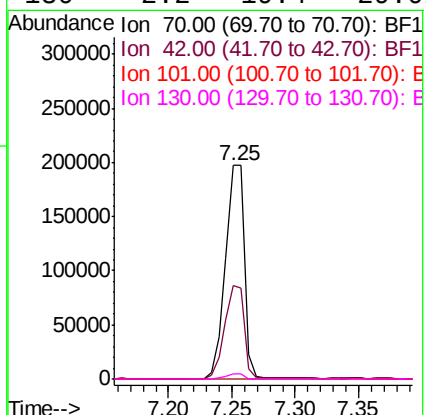
Ion Ratio Lower Upper

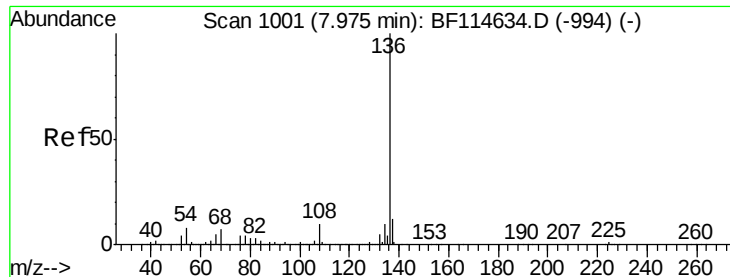
70 100

42 44.0 44.4 66.6#

101 0.0 8.2 12.4#

130 2.2 19.4 29.0#

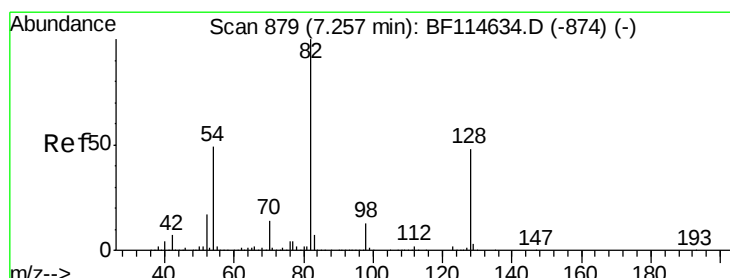
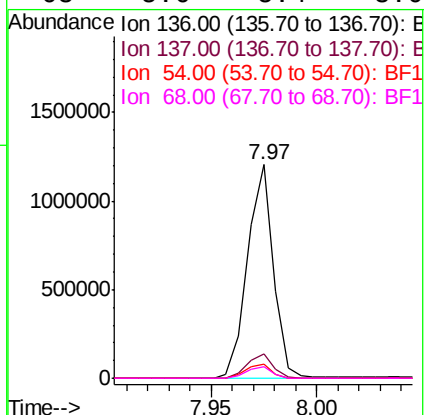
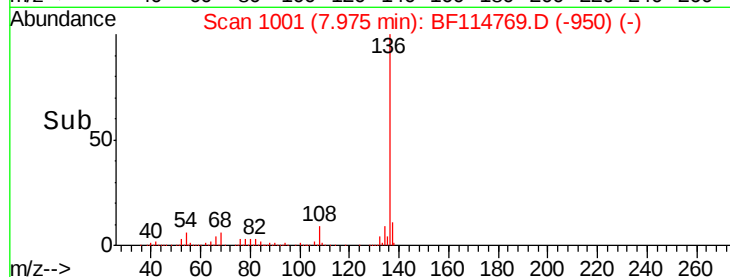
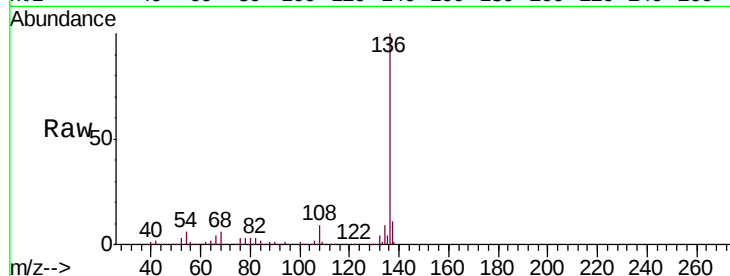




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114769.D
Acq: 1 Jun 2019 21:36

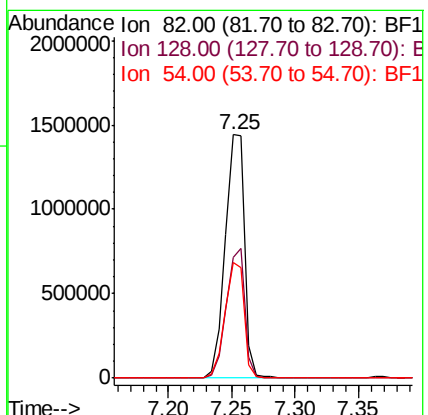
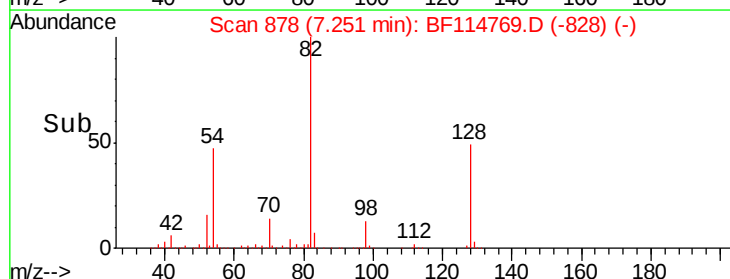
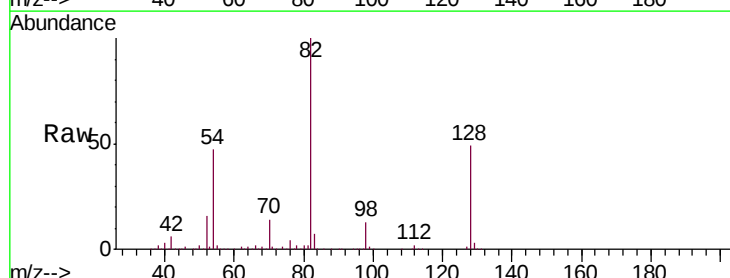
Instrument :
BNA_F
ClientSampleId :
NB-07-053019-A

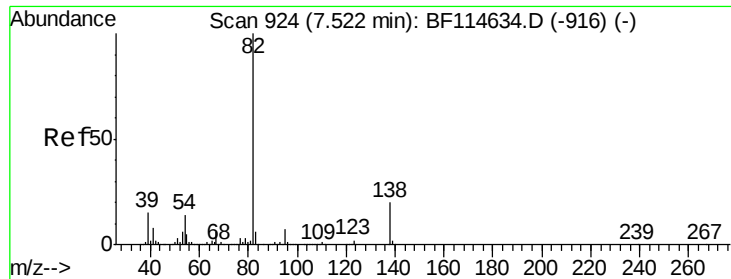
Tgt Ion:136 Resp: 1029934
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 6.4 6.3 9.5
68 5.6 5.4 8.0



#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

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





#25

Isophorone

Concen: 45.294 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114769.D

Acq: 1 Jun 2019 21:36

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-A

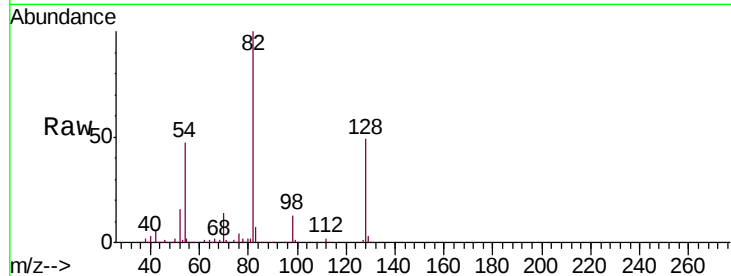
Tgt Ion: 82 Resp: 1500575

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

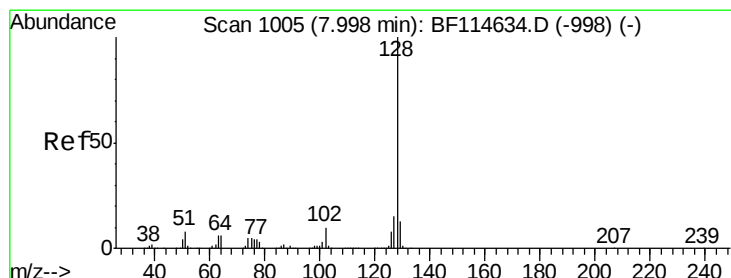
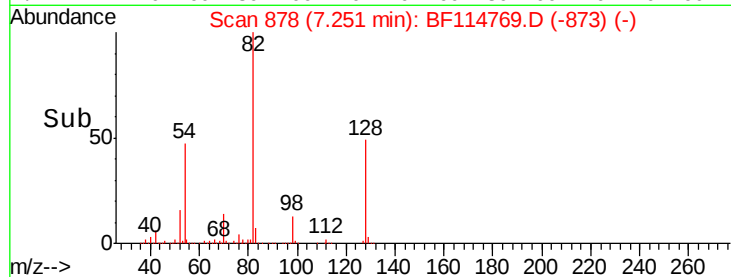
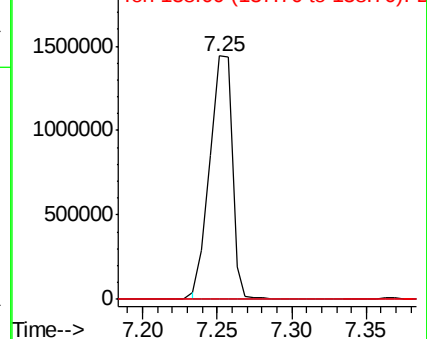
138 0.0 15.9 23.9#



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



#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

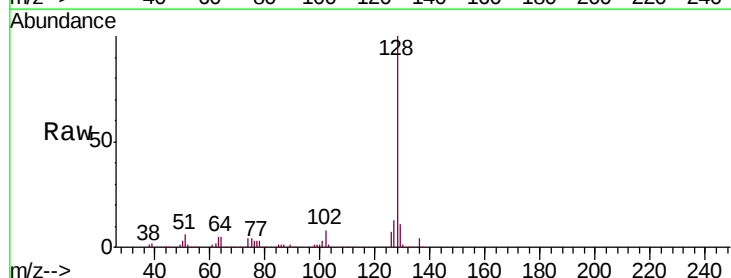
Tgt Ion: 128 Resp: 301670

Ion Ratio Lower Upper

128 100

129 10.9 10.2 15.2

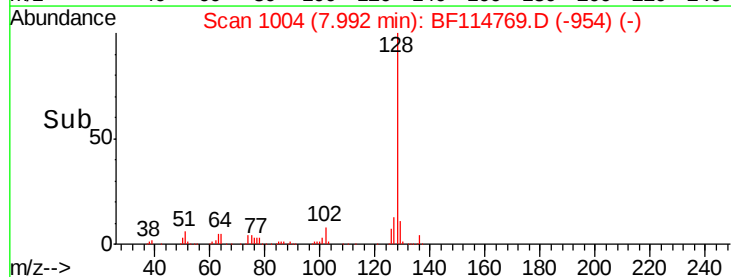
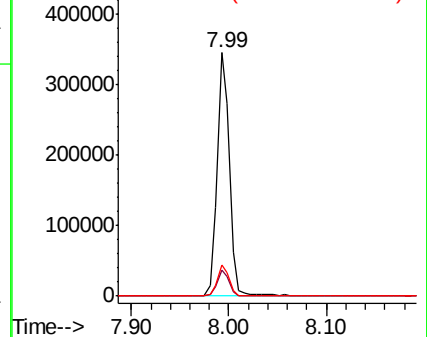
127 12.8 11.9 17.9

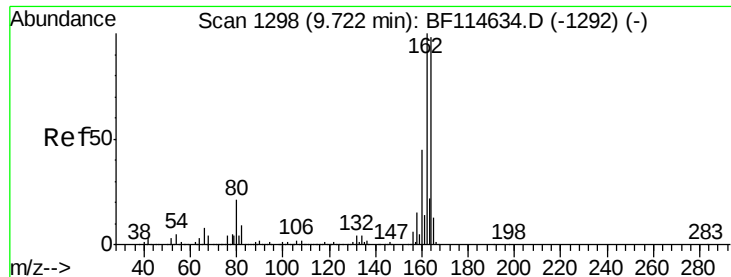


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

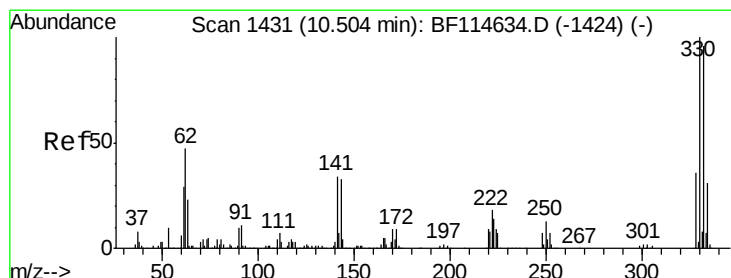
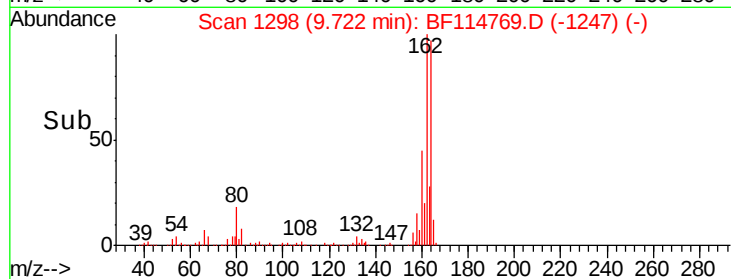
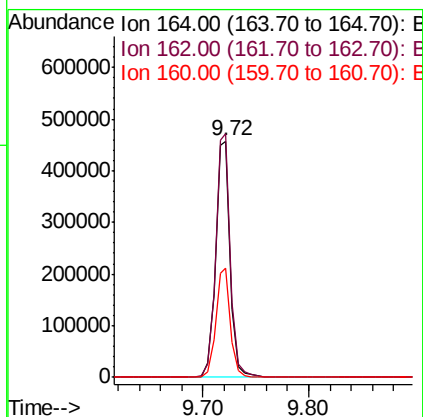
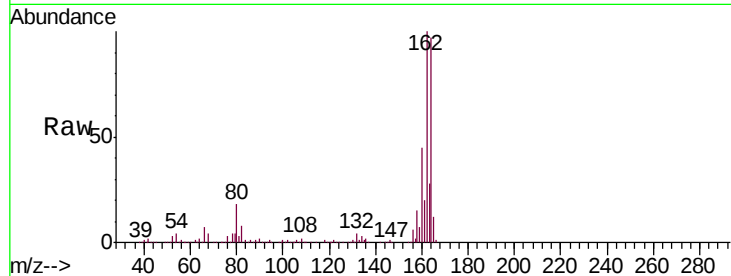




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114769.D
Acq: 1 Jun 2019 21:36

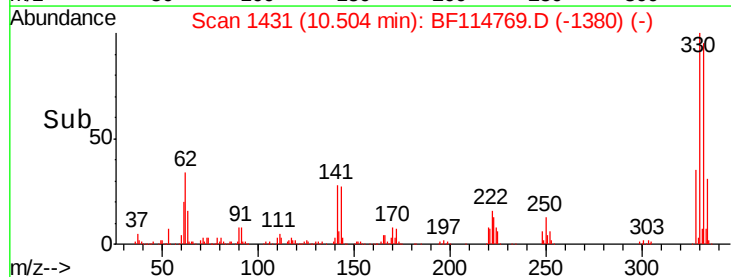
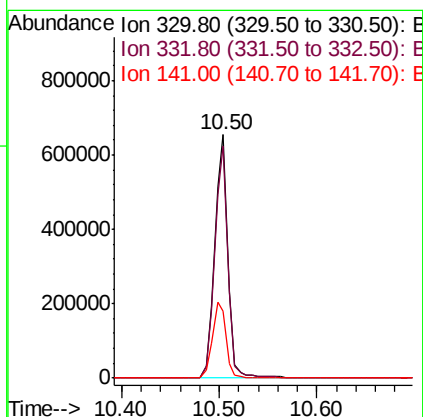
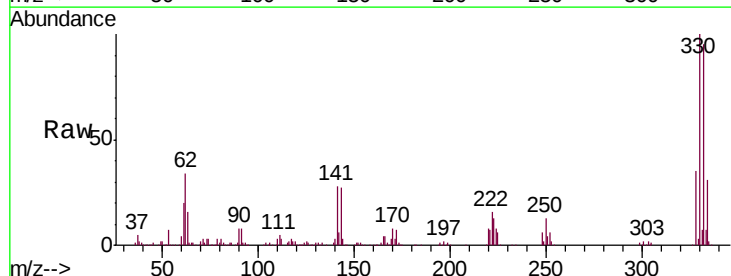
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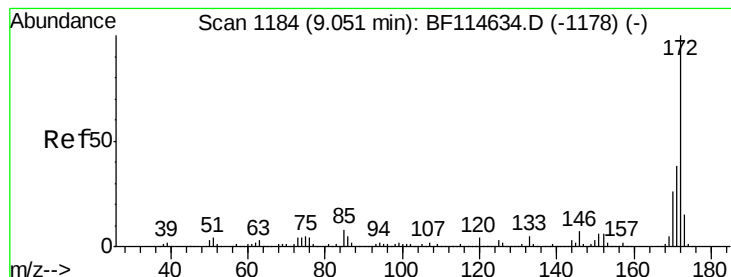
Tgt Ion:164 Resp: 449148
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.2
160 45.9 36.6 54.8



#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

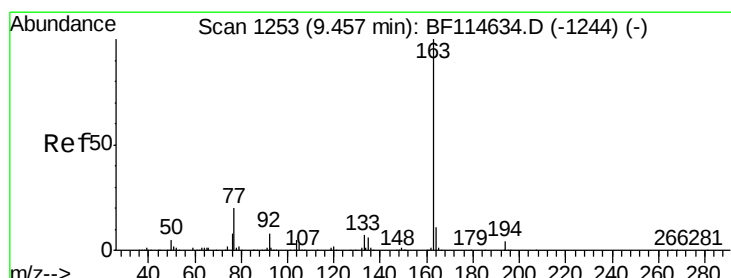
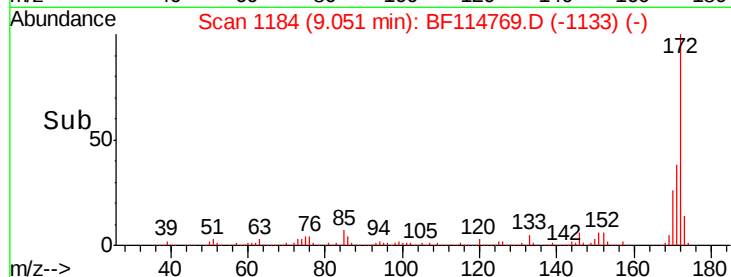
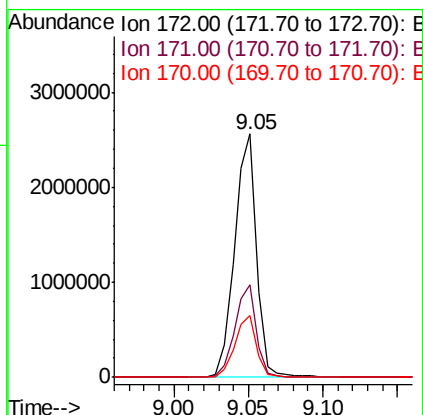
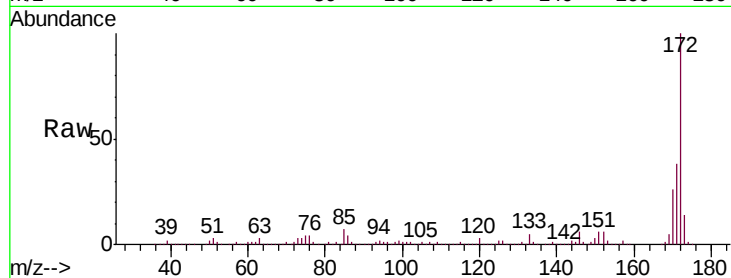




#45
 2-Fluorobiphenyl
 Concen: 116.900 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114769.D
 Acq: 1 Jun 2019 21:36

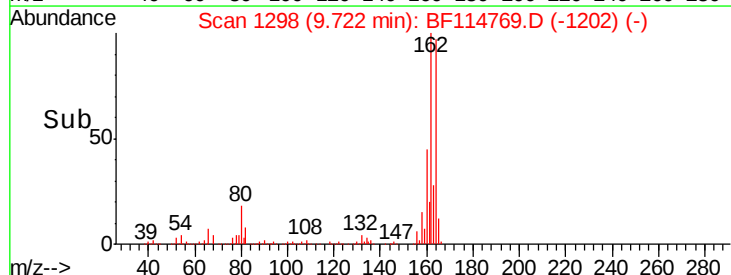
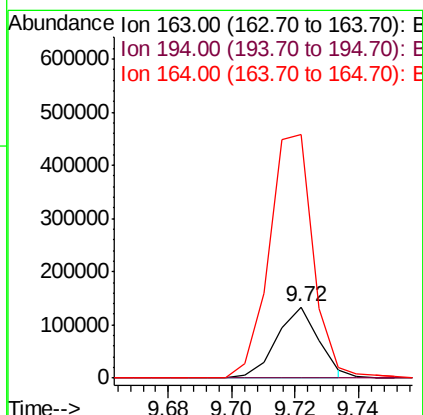
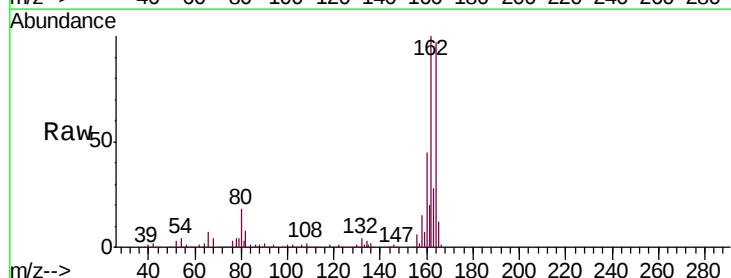
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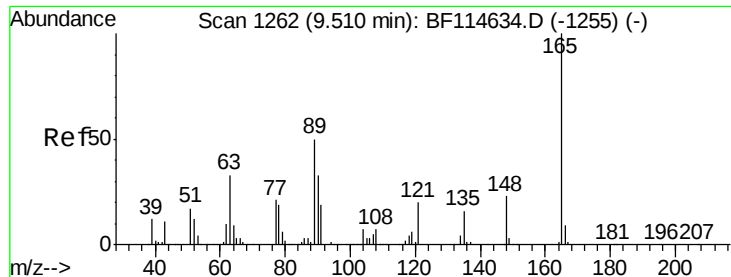
Tgt Ion:172 Resp: 2651498
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.6 45.8
 170 25.6 20.7 31.1



#50
 Dimethylphthalate
 Concen: 3.931 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.26 min
 Lab File: BF114769.D
 Acq: 1 Jun 2019 21:36

Tgt Ion:163 Resp: 123024
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.4 5.0#
 164 341.4 8.6 13.0#





#51

2,6-Dinitrotoluene

Concen: 7.768 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.21 min

Lab File: BF114769.D

Acq: 1 Jun 2019 21:36

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-A

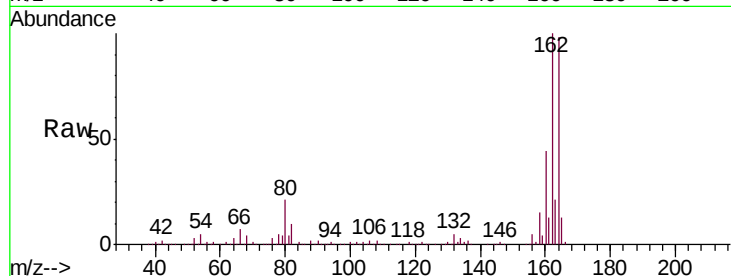
Tgt Ion:165 Resp: 56492

Ion Ratio Lower Upper

165 100

63 1.1 36.6 54.8#

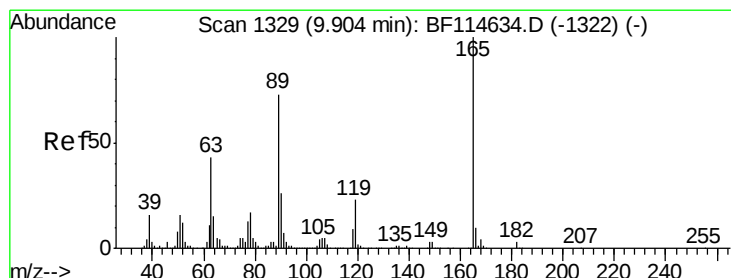
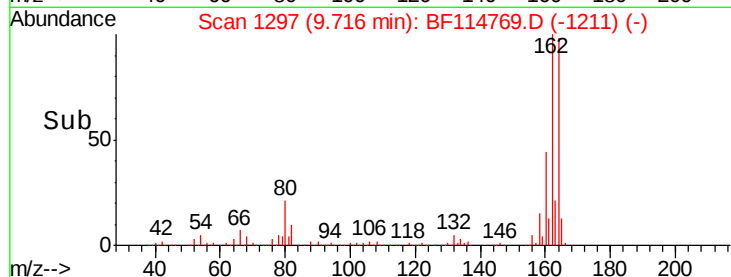
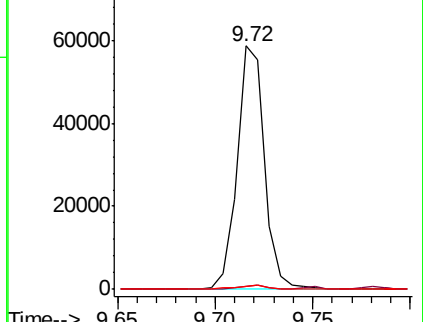
89 1.1 40.2 60.4#



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



#57

2,4-Dinitrotoluene

Concen: 6.053 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.19 min

Lab File: BF114769.D

Acq: 1 Jun 2019 21:36

Tgt Ion:165 Resp: 56492

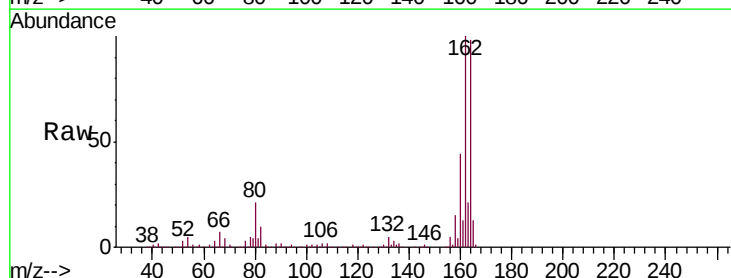
Ion Ratio Lower Upper

165 100

63 1.1 34.8 52.2#

89 1.1 58.5 87.7#

182 0.0 2.2 3.2#

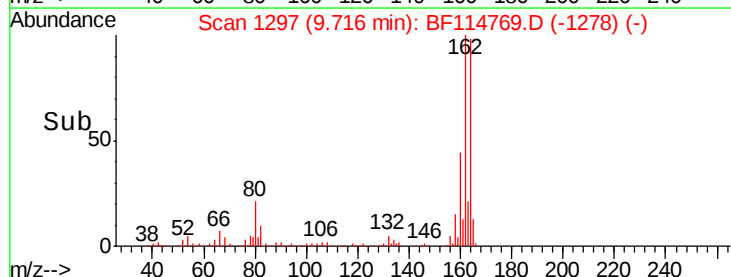
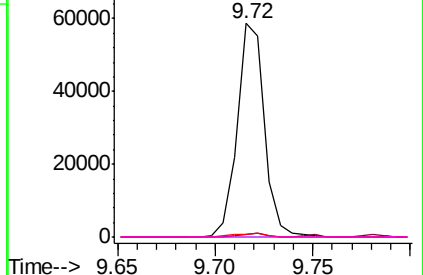


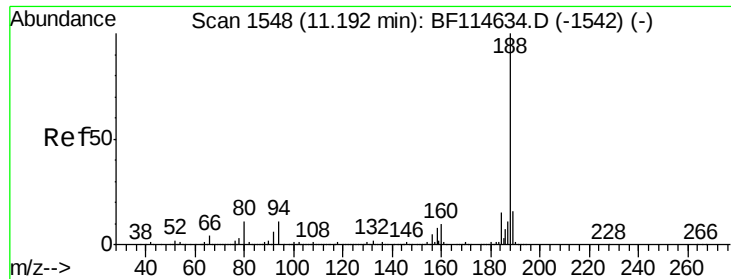
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114769.D

Acq: 1 Jun 2019 21:36

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-A

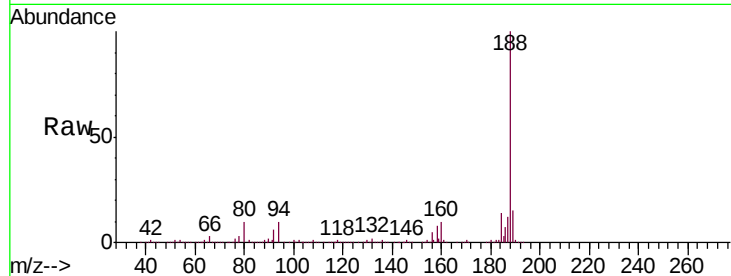
Tgt Ion:188 Resp: 842785

Ion Ratio Lower Upper

188 100

94 10.0 8.6 13.0

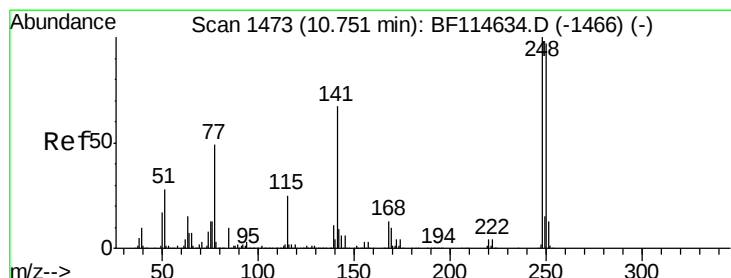
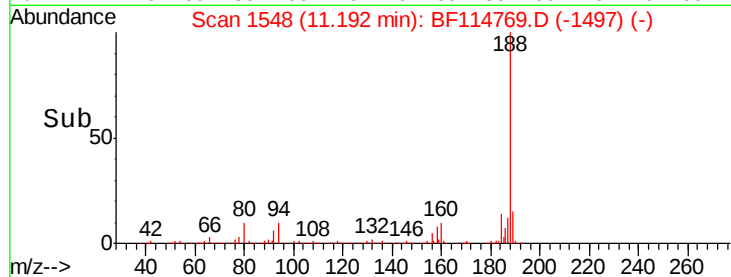
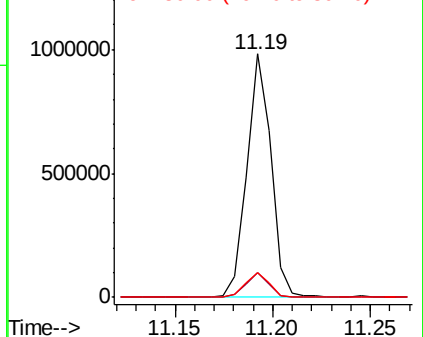
80 10.4 9.0 13.6



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: 4.263 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.25 min

Lab File: BF114769.D

Acq: 1 Jun 2019 21:36

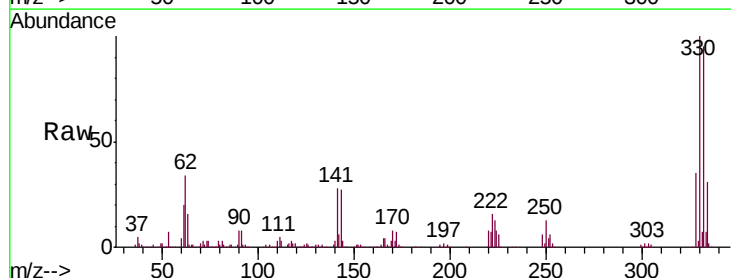
Tgt Ion:248 Resp: 38524

Ion Ratio Lower Upper

248 100

250 202.3 78.0 117.0#

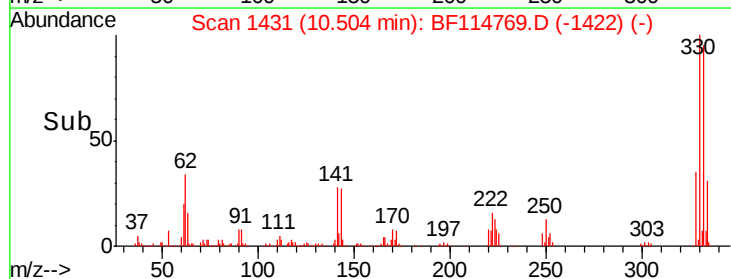
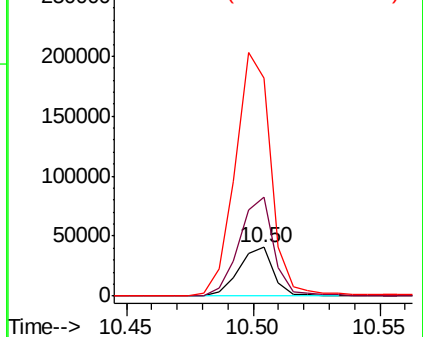
141 444.5 53.8 80.8#

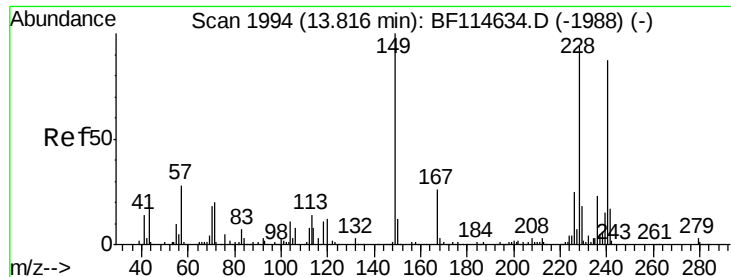


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

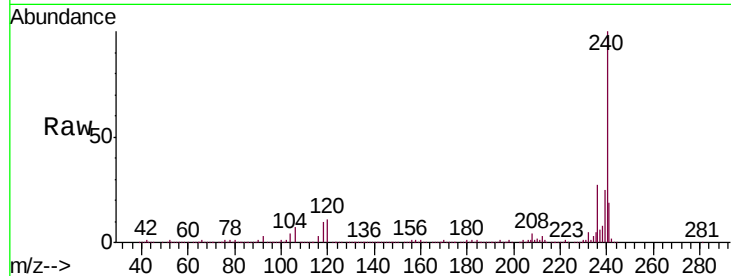




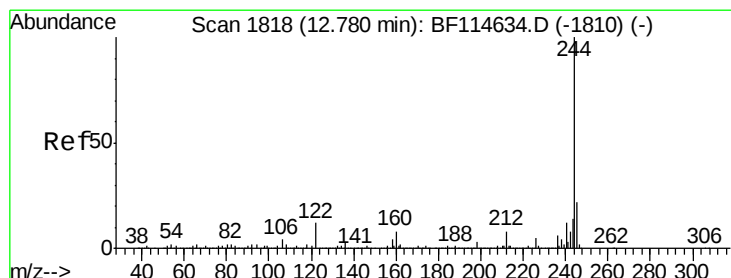
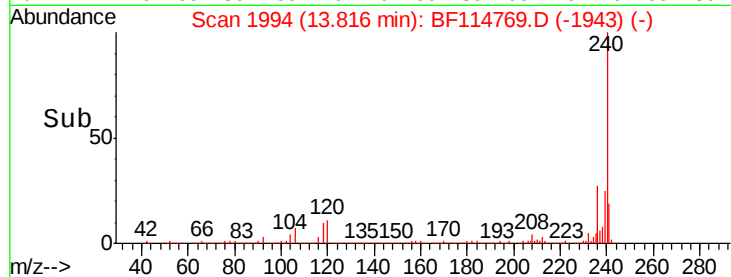
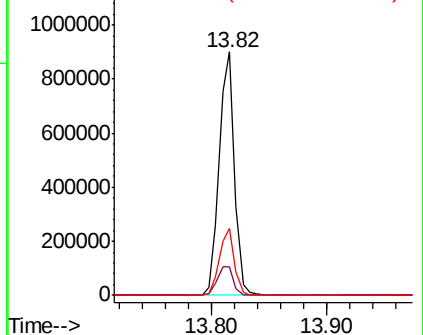
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114769.D
Acq: 1 Jun 2019 21:36

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

Tgt Ion:240 Resp: 824780
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 27.3 21.2 31.8

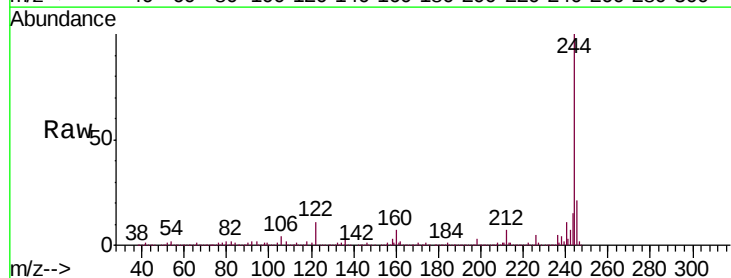


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

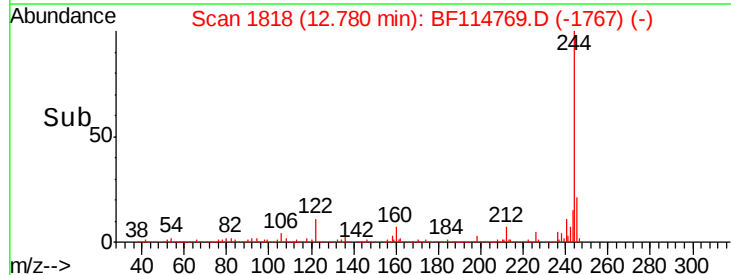
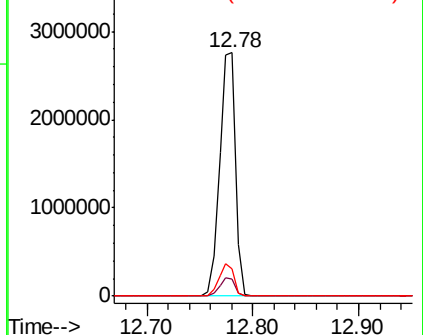


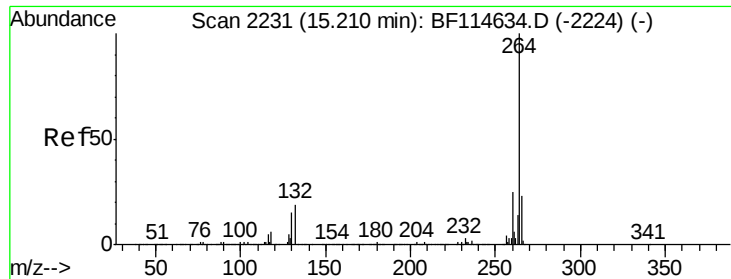
#79
Terphenyl-d14
Concen: 66.559 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF114769.D
Acq: 1 Jun 2019 21:36

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
Perylene-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

Tgt Ion: 264 Resp: 684001

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

