

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114312.D
 Acq On : 16 May 2019 16:41
 Operator : JU/SJ
 Sample : K2637-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051519-A

Quant Time: May 17 08:03:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

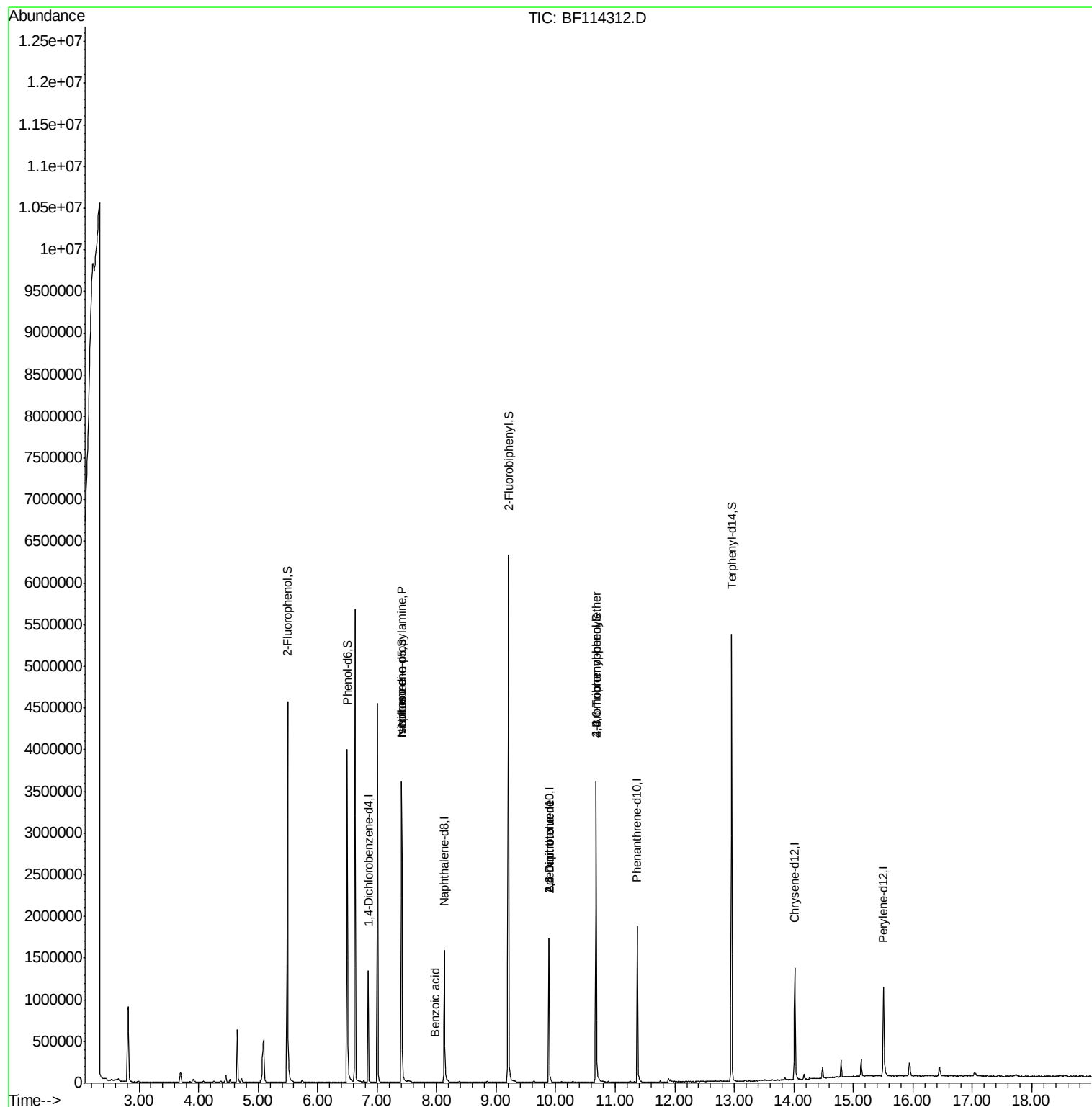
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	209227	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	805740	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	384477	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	771103	20.00	ng	0.00
76) Chrysene-d12	14.02	240	501266	20.00	ng	0.00
87) Perylene-d12	15.50	264	516881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1288286	99.09	ng	0.01
7) Phenol-d6	6.50	99	1463932	95.20	ng	0.00
23) Nitrobenzene-d5	7.41	82	1222930	85.18	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	477190	120.05	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2084989	82.03	ng	0.00
79) Terphenyl-d14	12.96	244	2064086	84.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	159740	16.389	ng	# 78
25) Isophorone	7.41	82	1222922	45.927	ng	# 64
32) Benzoic acid	7.96	122	2179	7.255	ng	# 85
51) 2,6-Dinitrotoluene	9.88	165	49421	7.895	ng	# 22
57) 2,4-Dinitrotoluene	9.88	165	49421	5.816	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	30413	3.582	ng	# 1

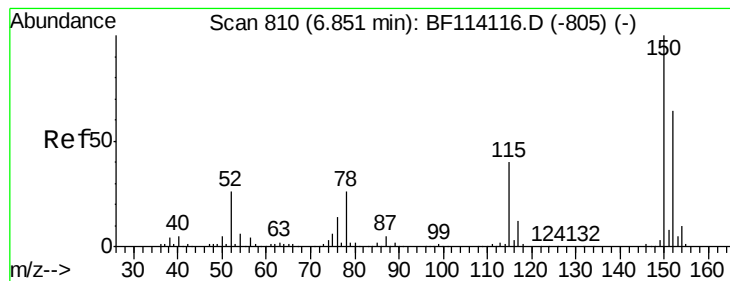
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114312.D
Acq On : 16 May 2019 16:41
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Sample : K2637-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Quant Time: May 17 08:03:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



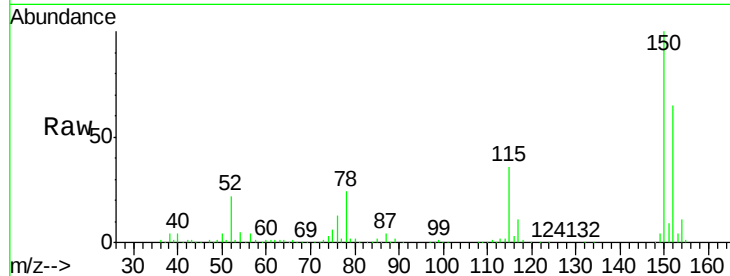


#1

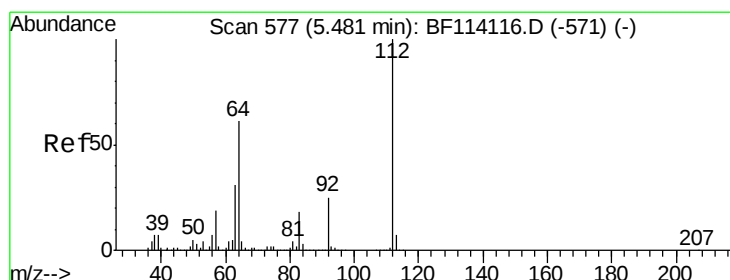
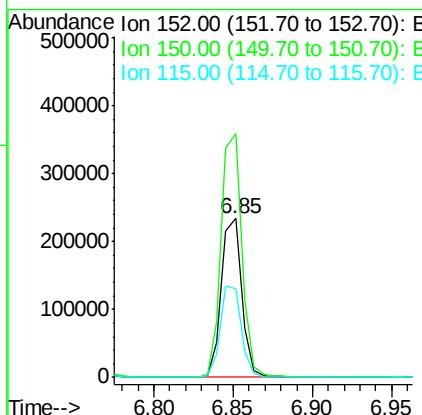
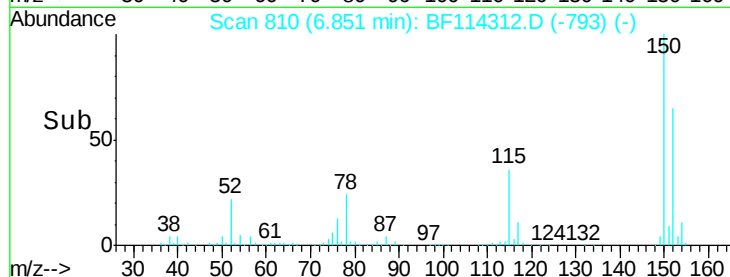
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114312.D
Acq: 16 May 2019 16:41

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.3	186.5
115	55.7	49.1	73.7



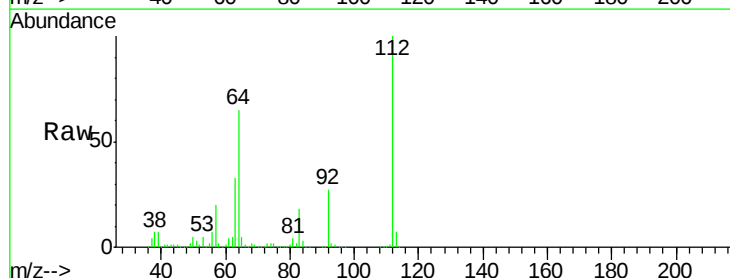
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



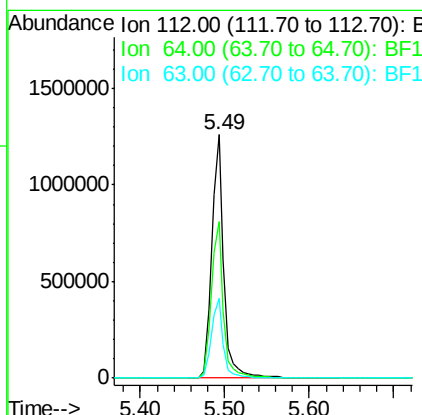
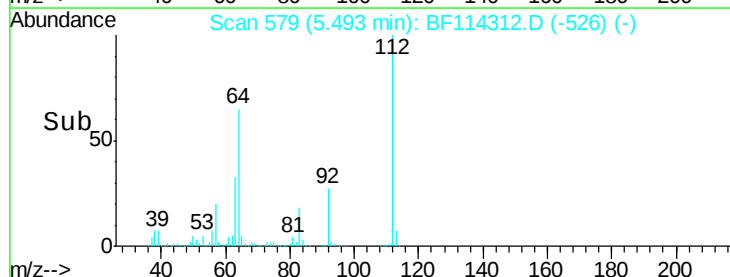
#5

2-Fluorophenol
Concen: 99.088 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114312.D
Acq: 16 May 2019 16:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	49.0	73.6
63	32.7	24.6	37.0



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: 95.201 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114312.D

Acq: 16 May 2019 16:41

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-A

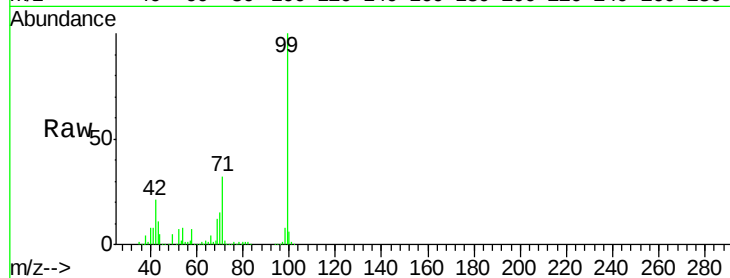
Tot Ion: 99 Resp: 1463932

Ion Ratio Lower Upper

99 100

42 21.2 17.9 26.9

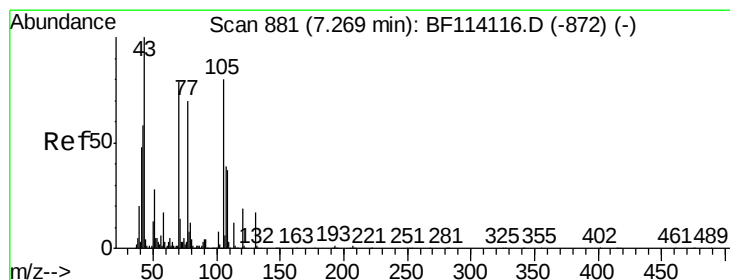
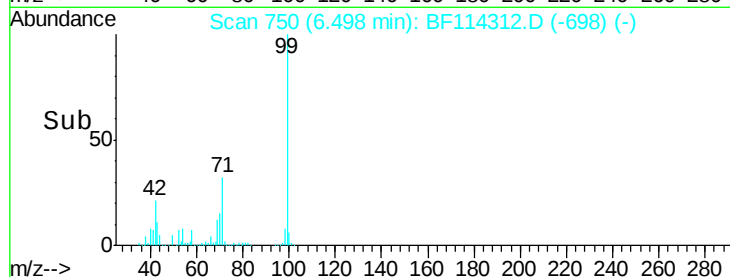
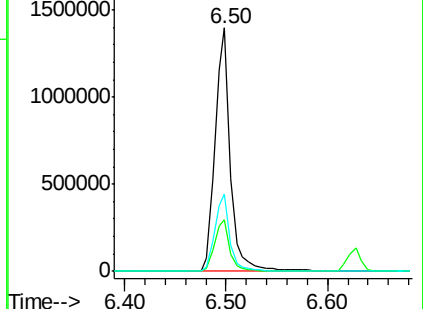
71 31.5 26.2 39.2



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: 16.389 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114312.D

Acq: 16 May 2019 16:41

Tgt Ion: 70 Resp: 159740

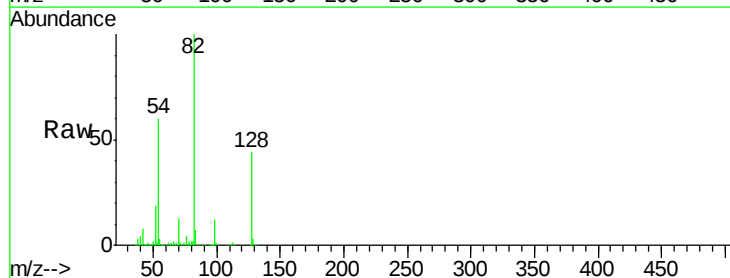
Ion Ratio Lower Upper

70 100

42 59.6 58.6 87.8

101 0.0 7.8 11.8#

130 2.4 17.1 25.7#

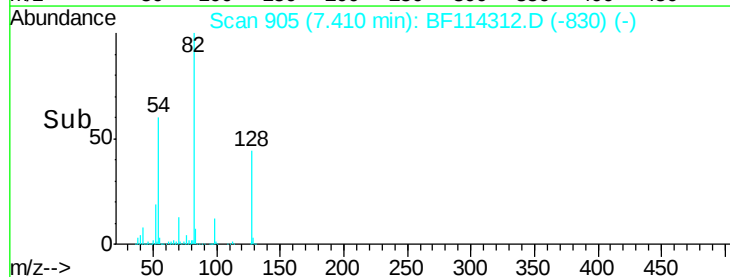
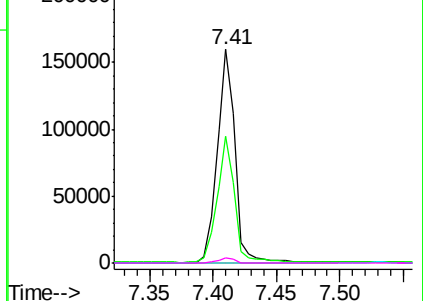


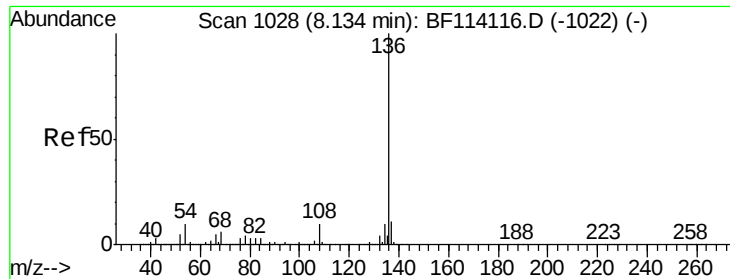
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

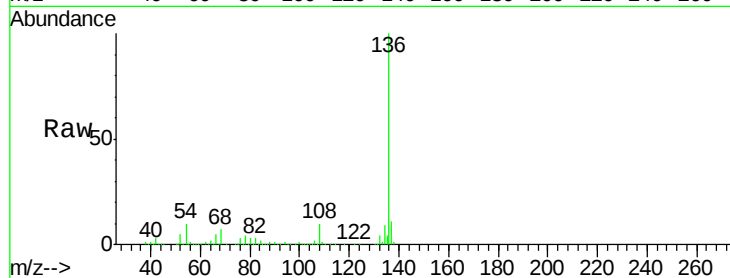




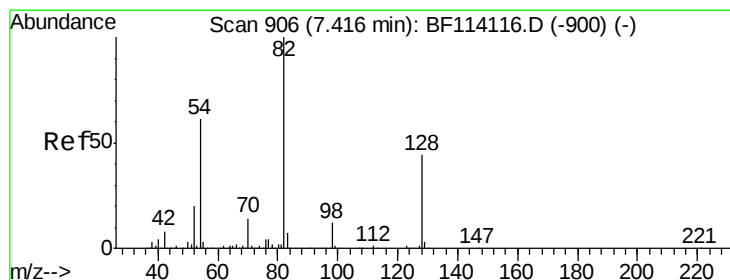
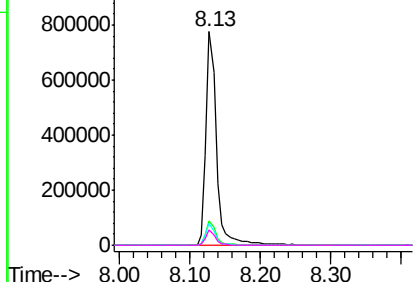
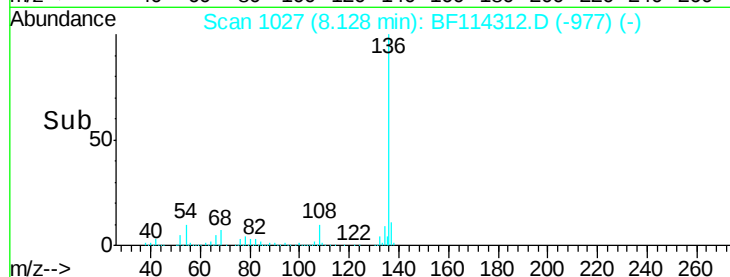
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114312.D
Acq: 16 May 2019 16:41

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tot Ion:136	Resp:	805740	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.8	13.2	
54 10.1	7.8	11.8	
68 7.0	5.1	7.7	

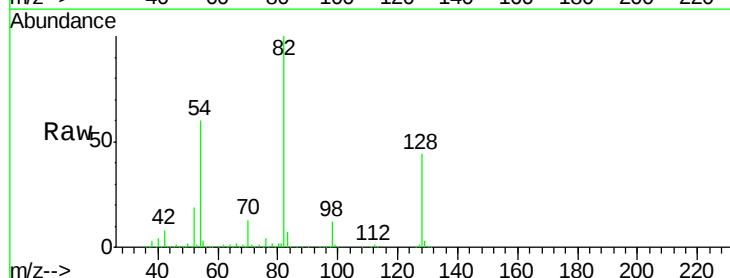


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

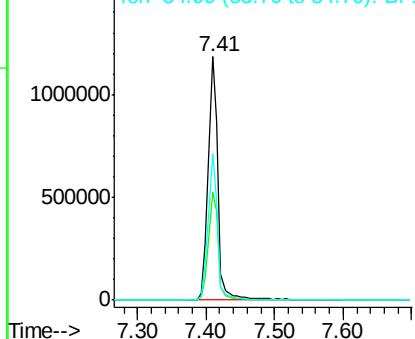
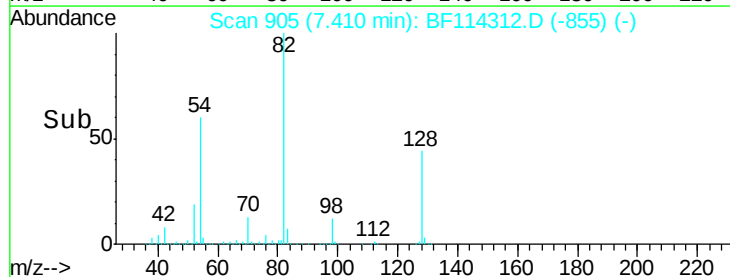


#23
Nitrobenzene-d5
Concen: 85.177 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114312.D
Acq: 16 May 2019 16:41

Tgt Ion: 82	Resp: 1222930
Ion Ratio	Lower Upper
82 100	
128 44.1	35.5 53.3
54 59.9	48.5 72.7



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





#25

Isophorone

Concen: 45.927 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114312.D

Acq: 16 May 2019 16:41

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-A

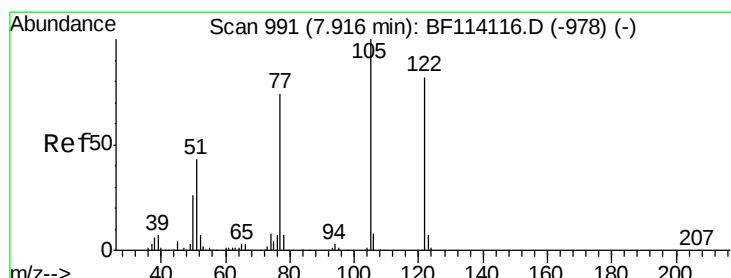
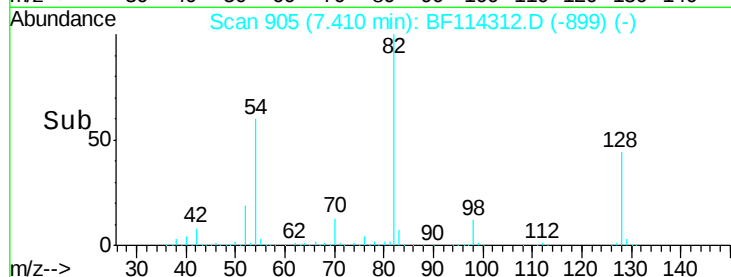
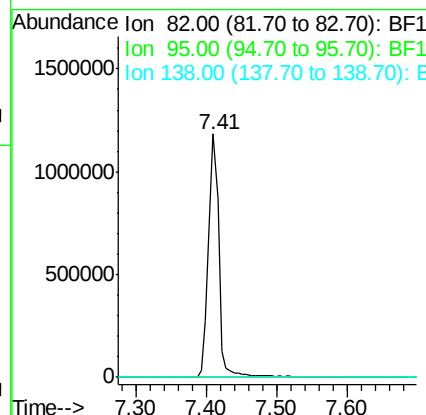
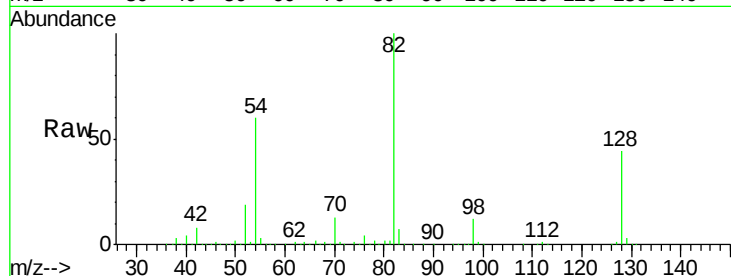
Tot Ion: 82 Resp: 1222922

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.255 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.05 min

Lab File: BF114312.D

Acq: 16 May 2019 16:41

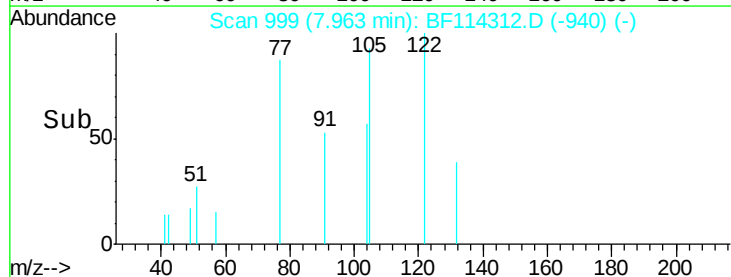
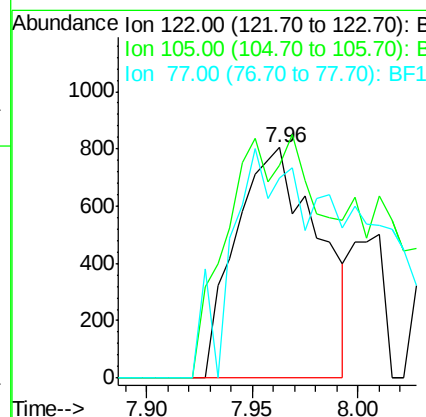
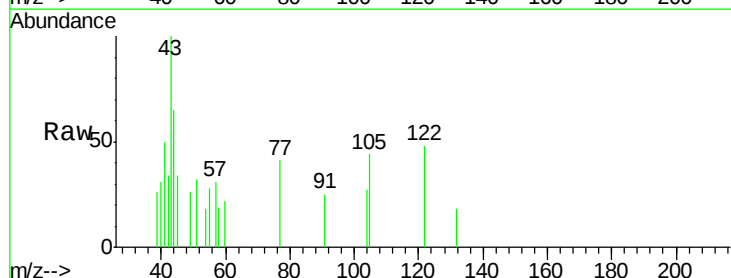
Tgt Ion:122 Resp: 2179

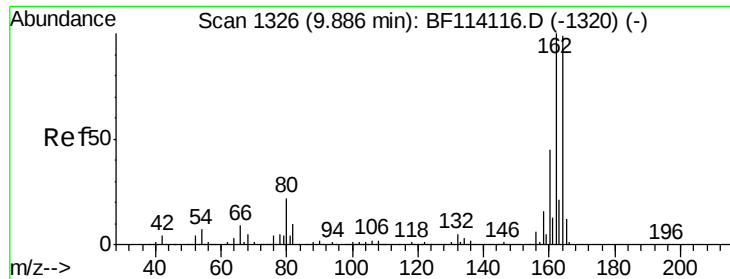
Ion Ratio Lower Upper

122 100

105 92.5 99.9 139.9#

77 86.7 69.4 109.4

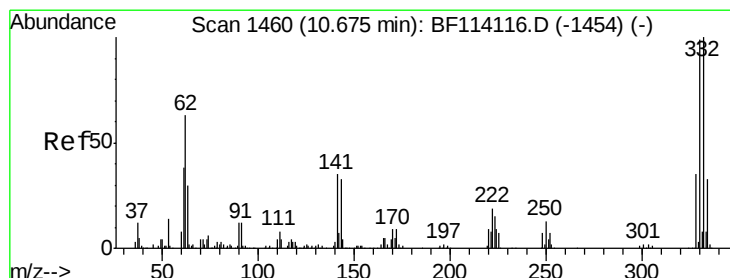
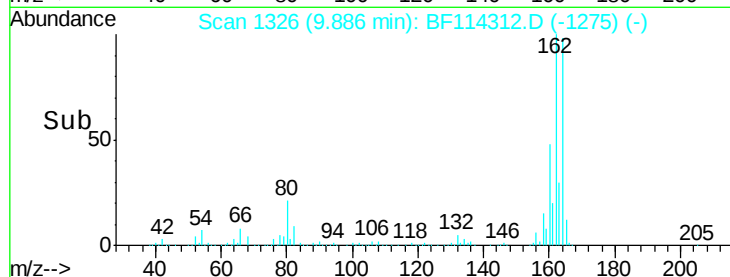
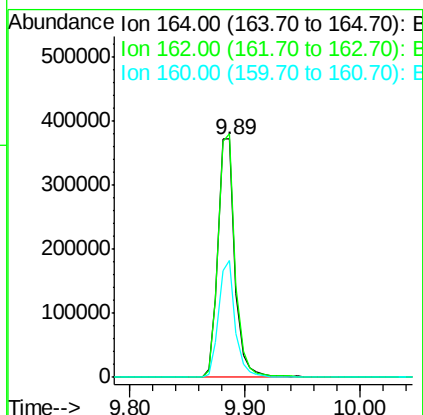
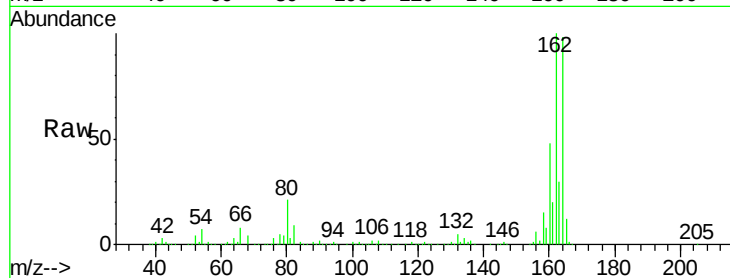




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114312.D
 Acq: 16 May 2019 16:41

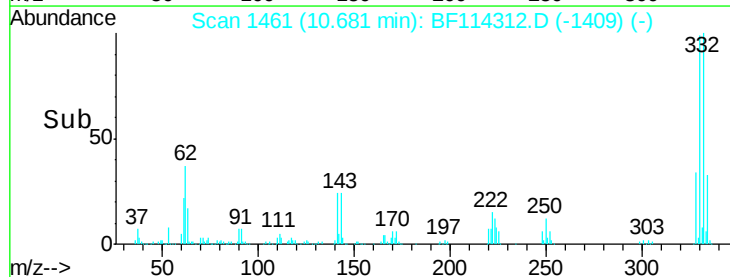
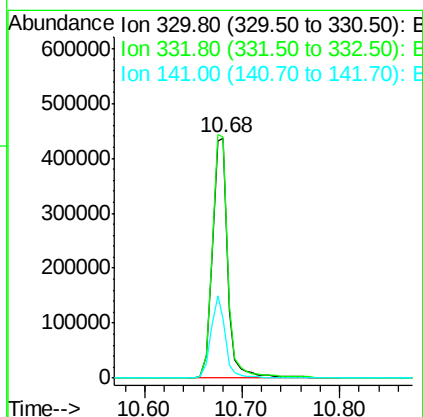
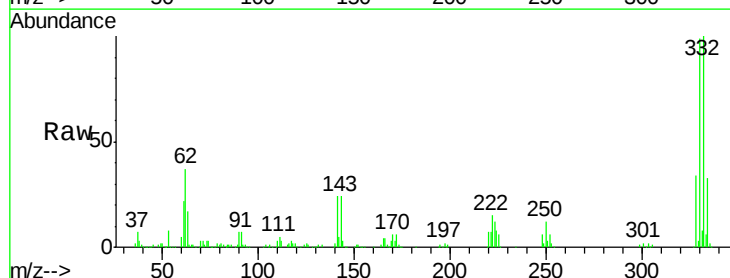
Instrument :
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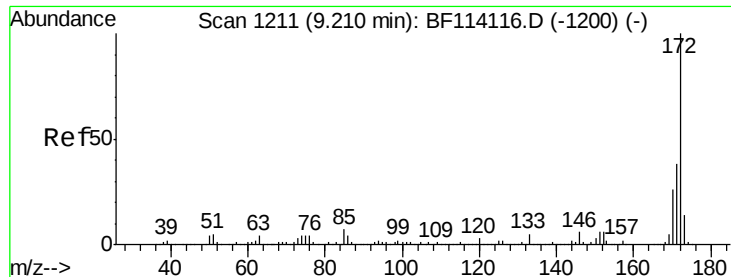
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	48.8	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 120.052 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114312.D
 Acq: 16 May 2019 16:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.0	81.4	122.2
141	32.4	26.6	40.0

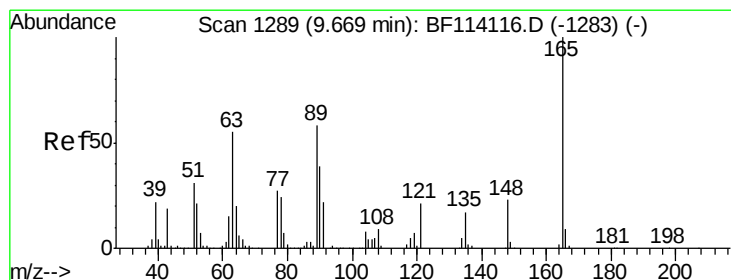
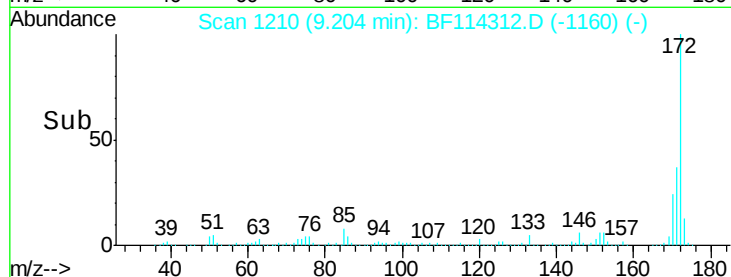
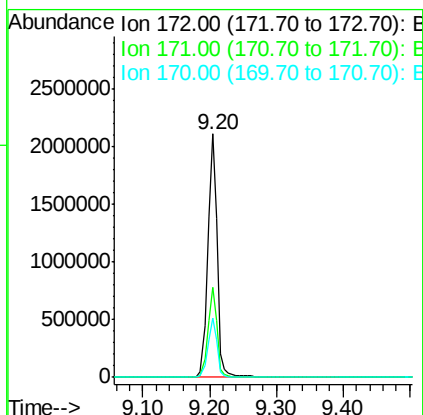
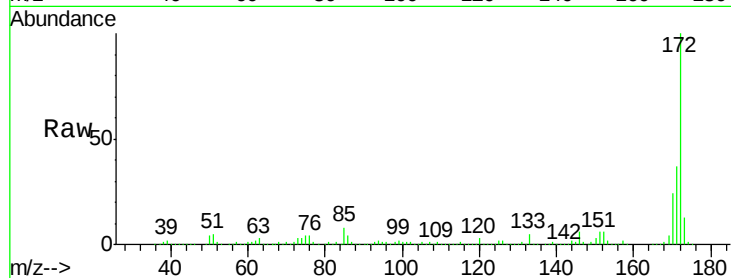




#45
 2-Fluorobiphenyl
 Concen: 82.031 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114312.D
 Acq: 16 May 2019 16:41

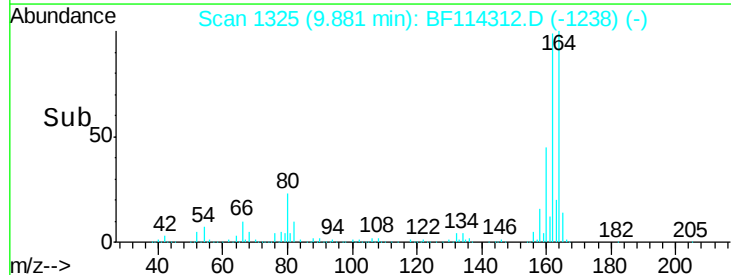
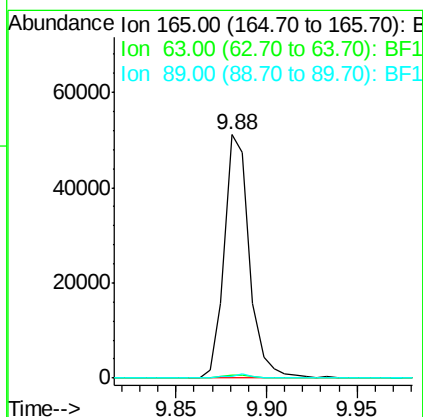
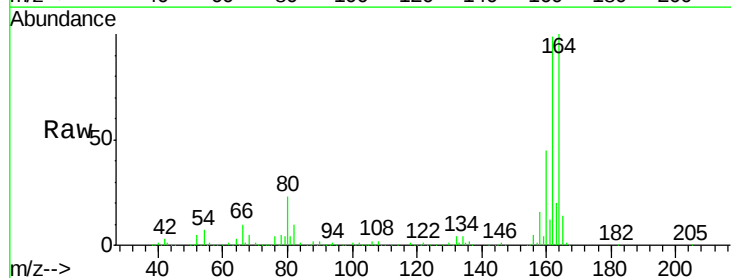
Instrument :
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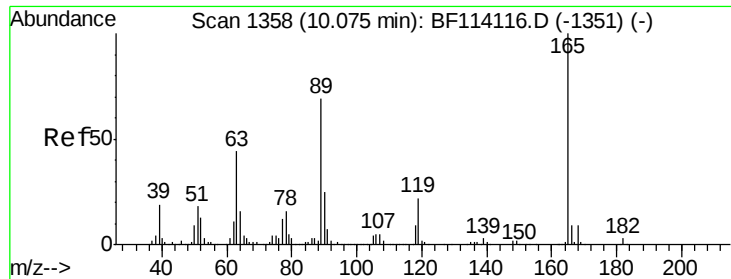
Tot Ion:172 Resp: 2084989
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.7 46.1
 170 24.4 20.5 30.7



#51
 2,6-Dinitrotoluene
 Concen: 7.895 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF114312.D
 Acq: 16 May 2019 16:41

Tgt Ion:165 Resp: 49421
 Ion Ratio Lower Upper
 165 100
 63 1.3 50.2 75.4#
 89 0.8 46.6 69.8#

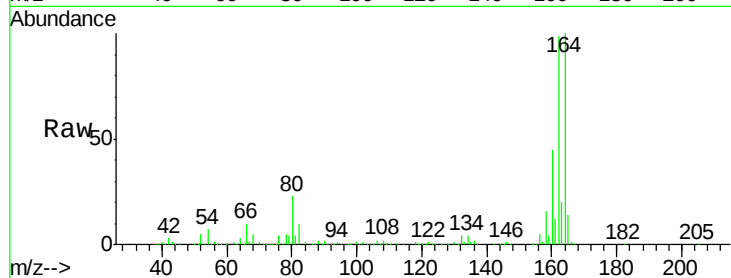




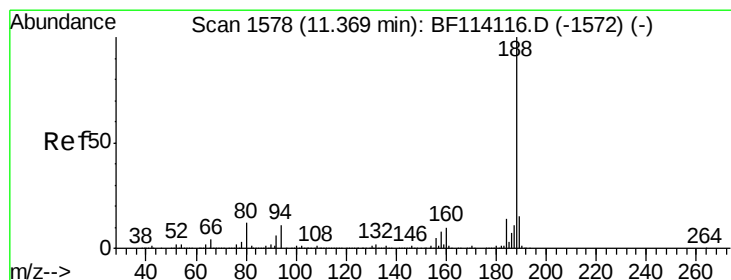
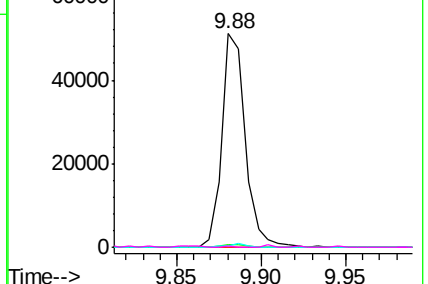
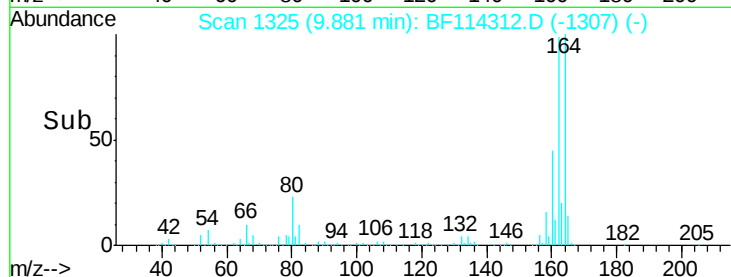
#57
 2,4-Dinitrotoluene
 Concen: 5.816 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114312.D
 Acq: 16 May 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051519-A

Tot Ion:165 Resp: 49421
 Ion Ratio Lower Upper
 165 100
 63 1.3 35.5 53.3#
 89 0.8 55.2 82.8#
 182 0.7 2.2 3.2#

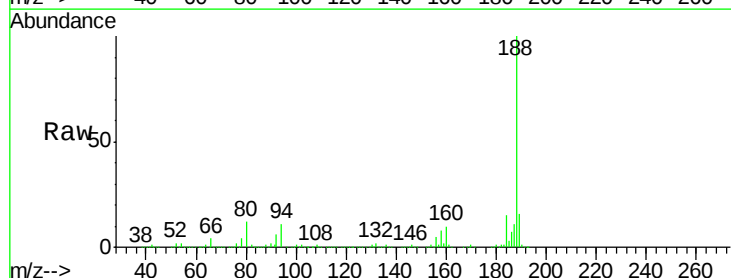


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

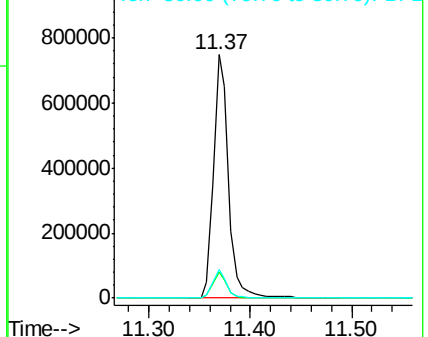
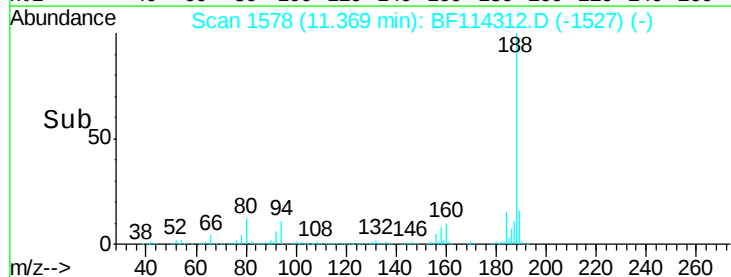


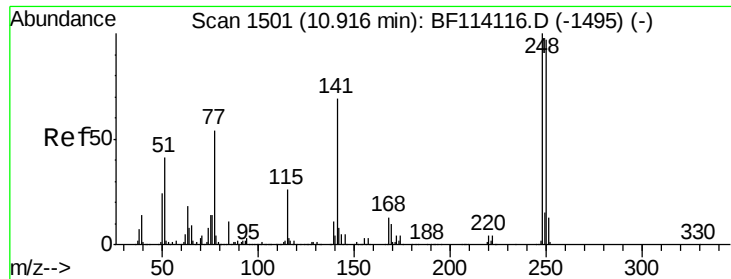
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF114312.D
 Acq: 16 May 2019 16:41

Tgt Ion:188 Resp: 771103
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.4 12.6
 80 11.8 9.2 13.8



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

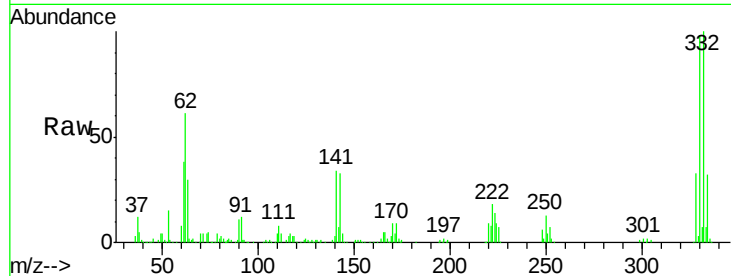




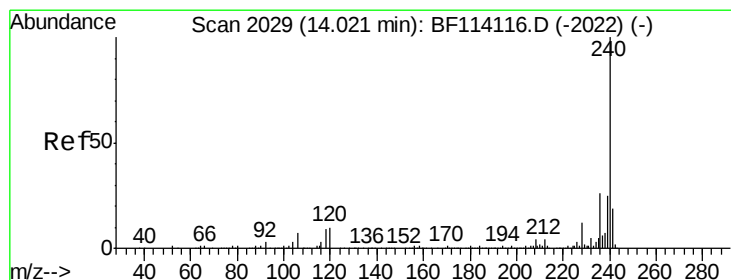
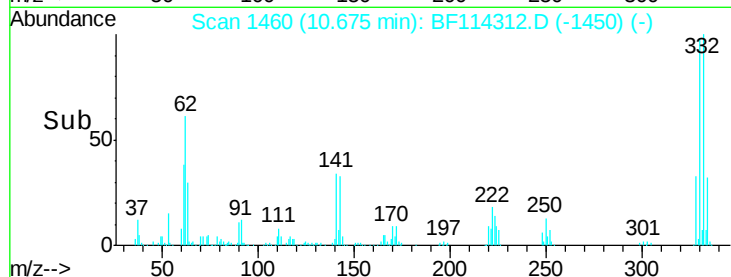
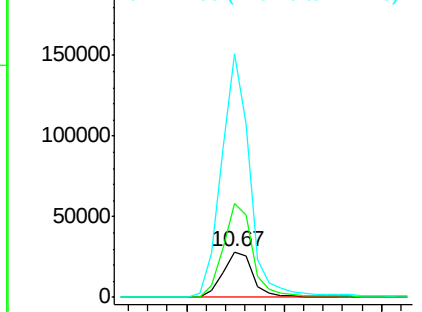
#67
4-Bromophenyl-phenylether
Concen: 3.582 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114312.D
Acq: 16 May 2019 16:41

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-A

Tot Ion:248 Resp: 30413
Ion Ratio Lower Upper
248 100
250 205.2 77.4 116.2#
141 535.7 55.6 83.4#

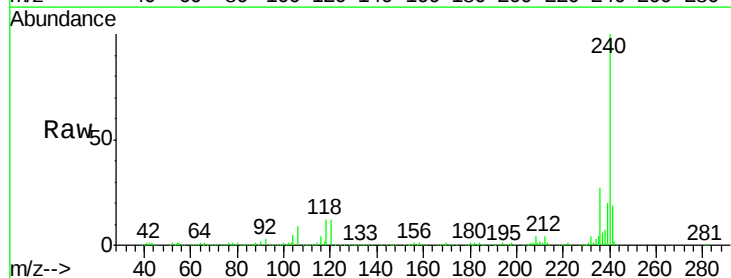


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

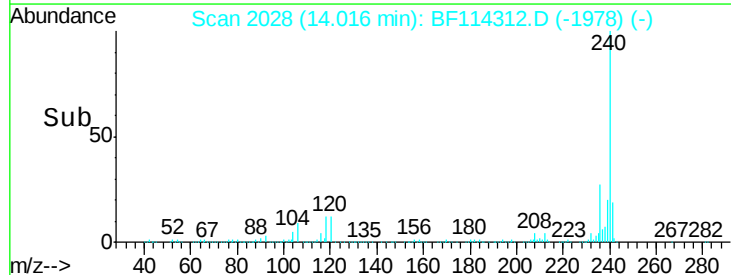
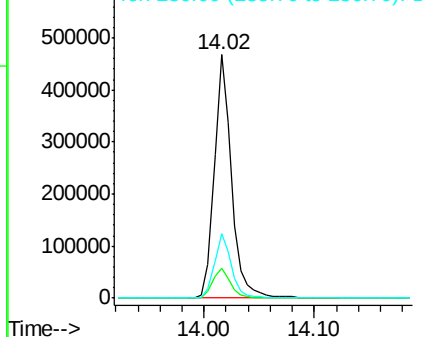


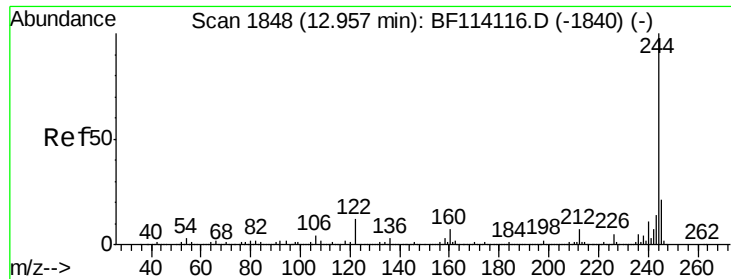
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114312.D
Acq: 16 May 2019 16:41

Tgt Ion:240 Resp: 501266
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 26.7 20.8 31.2



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: 84.885 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114312.D

Acq: 16 May 2019 16:41

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-A

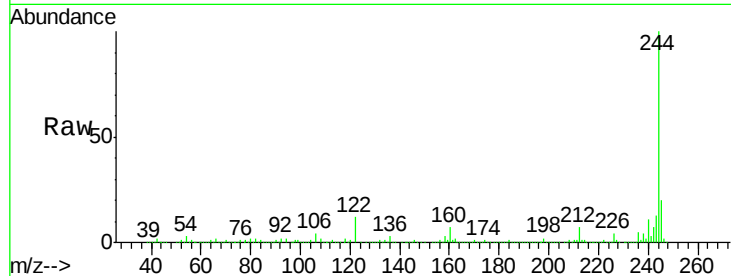
Tot Ion:244 Resp: 2064086

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

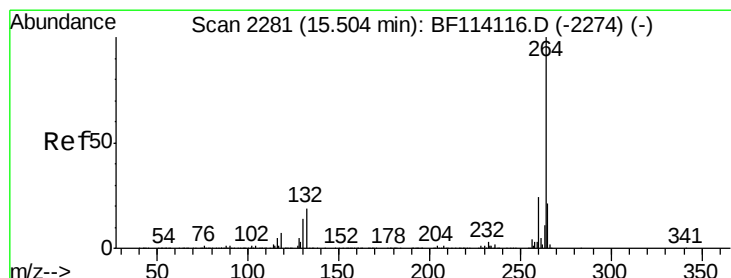
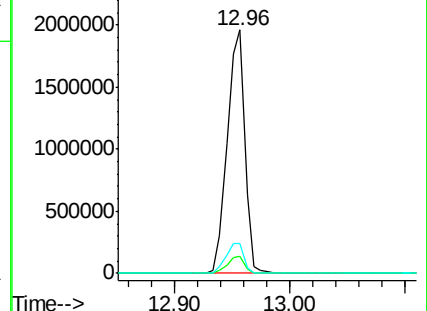
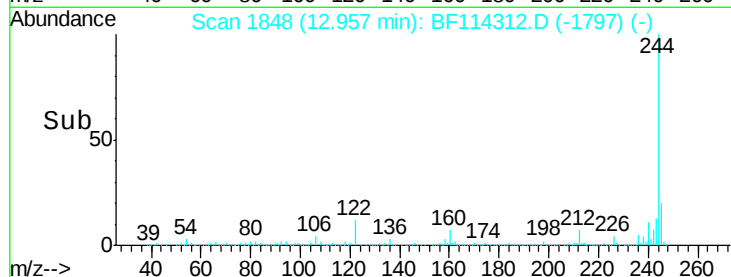
122 12.1 9.4 14.2



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: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF114312.D

Acq: 16 May 2019 16:41

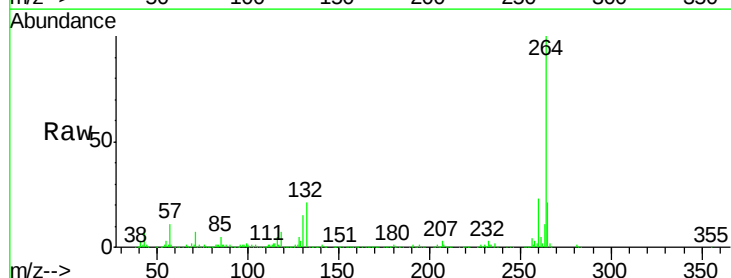
Tgt Ion:264 Resp: 516881

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.3 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

