

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114153.D
 Acq On : 11 May 2019 13:34
 Operator : JU/SJ
 Sample : K2781-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL001-WK-2

Quant Time: May 12 05:51:53 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	283497	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1082196	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	531419	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1002836	20.00	ng	0.00
76) Chrysene-d12	14.00	240	703330	20.00	ng	-0.02
87) Perylene-d12	15.47	264	709094	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	930919	52.84	ng	0.00
7) Phenol-d6	6.48	99	802948	38.54	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1700990	88.21	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	632081	115.05	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2827636	80.49	ng	0.00
79) Terphenyl-d14	12.95	244	2986935	87.55	ng	0.00

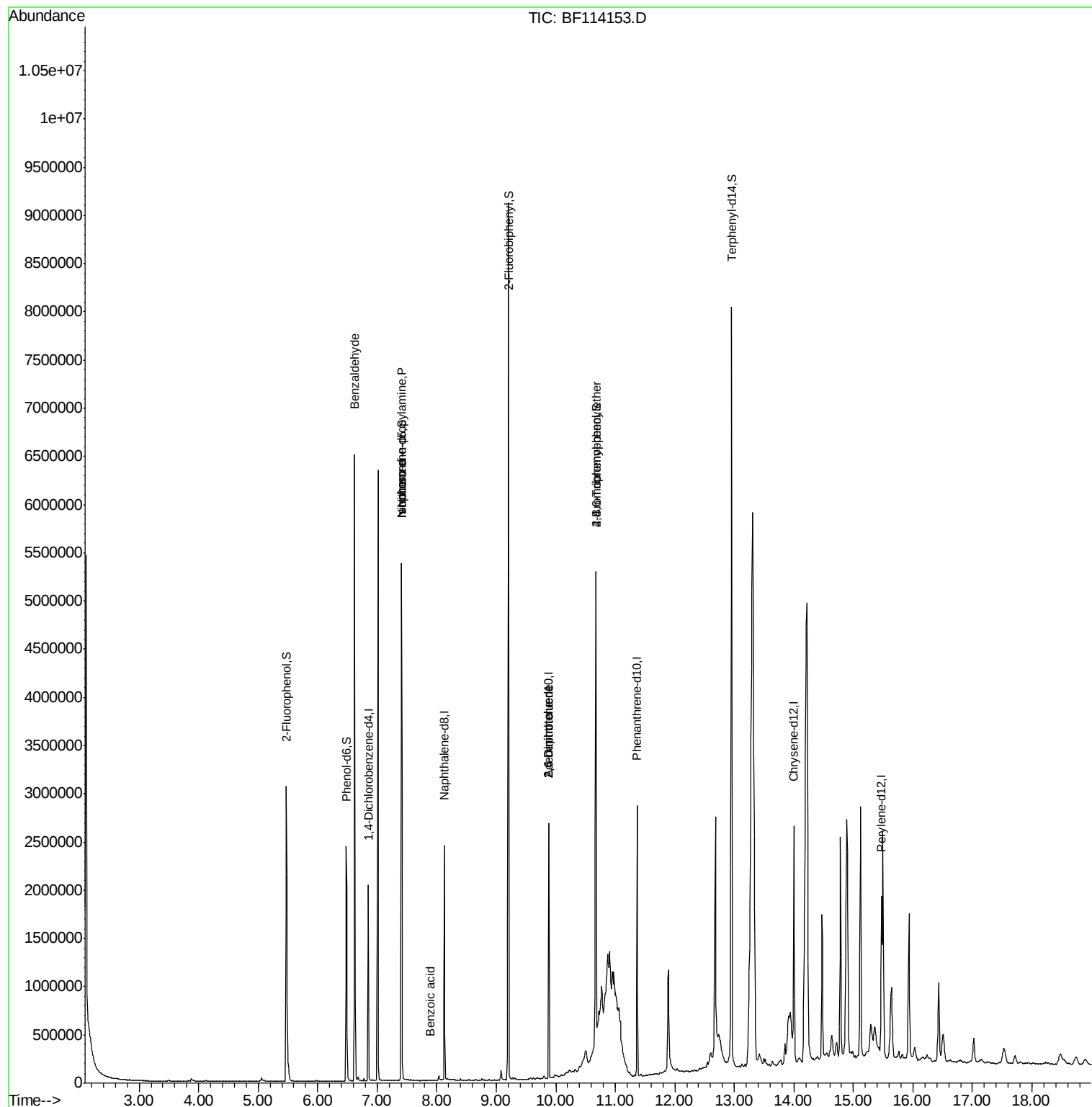
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.62	77	38311	2.626	ng	# 73
19) n-Nitroso-di-n-propylamine	7.41	70	223036	16.888	ng	# 76
25) Isophorone	7.41	82	1698776	47.500	ng	# 64
32) Benzoic acid	7.89	122	120	7.030	ng	# 75
51) 2,6-Dinitrotoluene	9.88	165	68706	7.940	ng	# 22
57) 2,4-Dinitrotoluene	9.88	165	68706	5.850	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	40321	3.652	ng	# 1

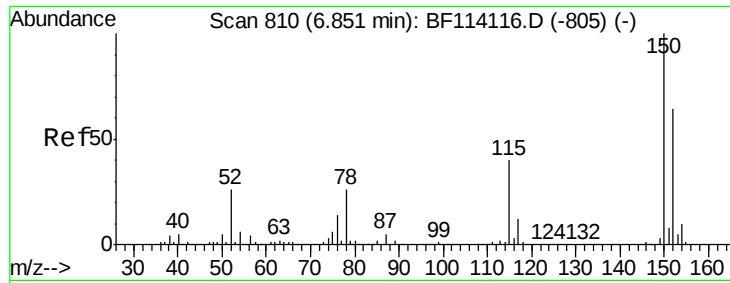
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114153.D
Acq On : 11 May 2019 13:34
Operator : JU/SJ
Sample : K2781-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OUTFALL001-WK-2

Quant Time: May 12 05:51:53 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



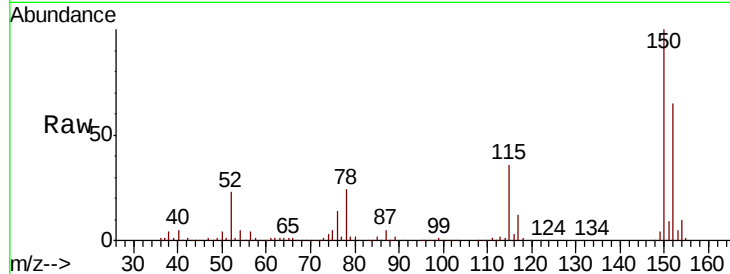


#1

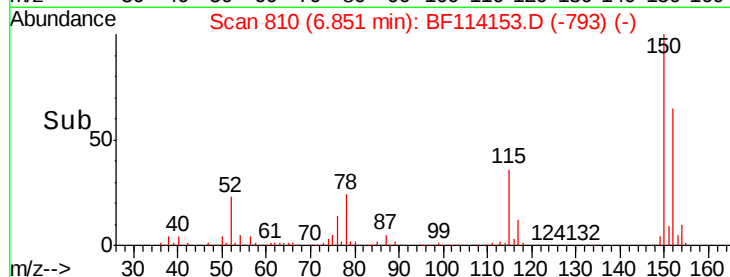
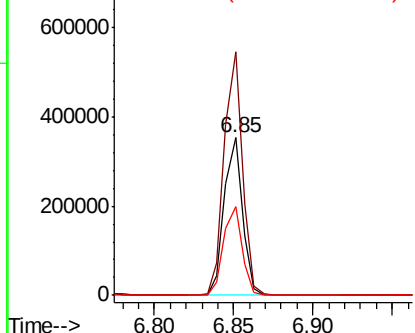
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114153.D
 Acq: 11 May 2019 13:34

Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL001-WK-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	56.1	49.1	73.7



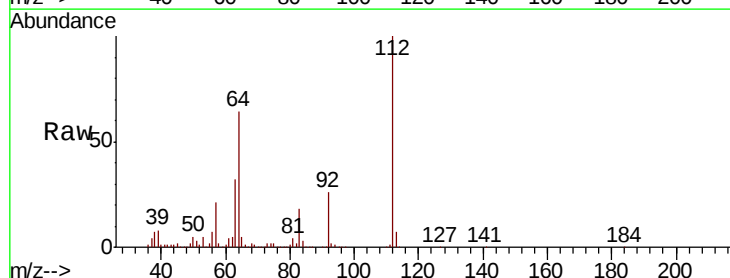
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



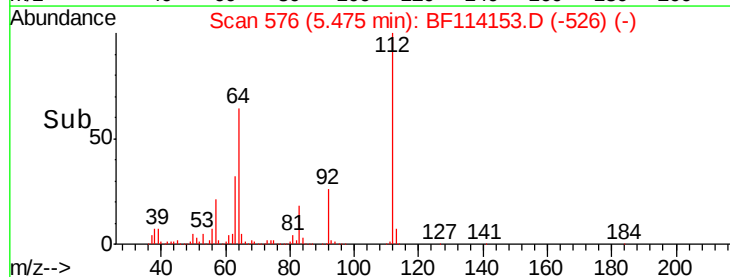
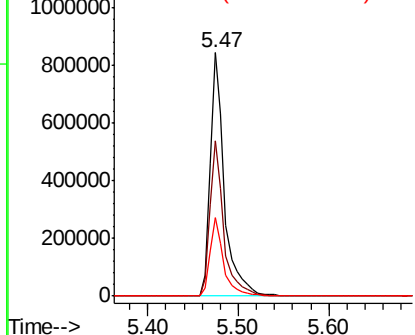
#5

2-Fluorophenol
 Concen: 52.843 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF114153.D
 Acq: 11 May 2019 13:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	49.0	73.6
63	32.0	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: 38.537 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

OUTFALL001-WK-2

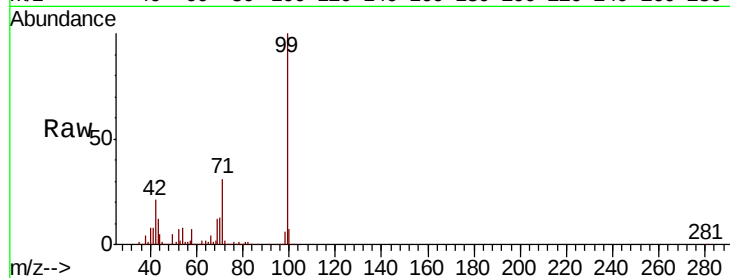
Tgt Ion: 99 Resp: 802948

Ion Ratio Lower Upper

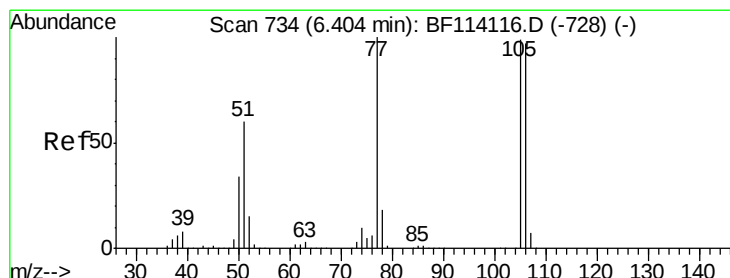
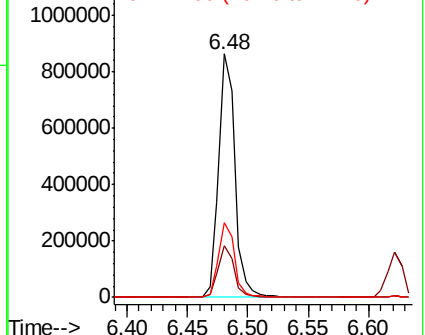
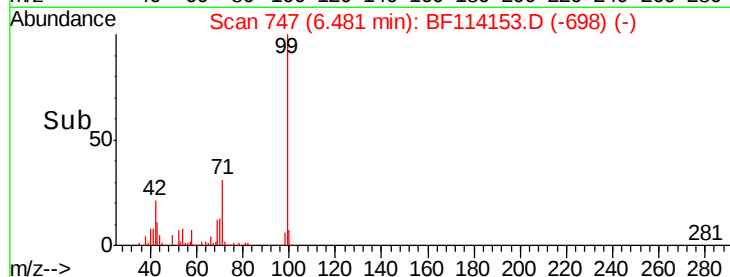
99 100

42 21.3 17.9 26.9

71 30.7 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



#9

Benzaldehyde

Concen: 2.626 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

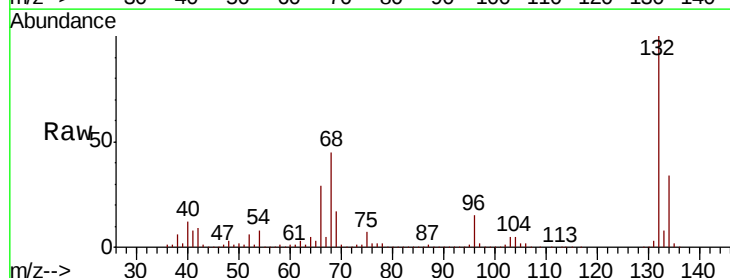
Tgt Ion: 77 Resp: 38311

Ion Ratio Lower Upper

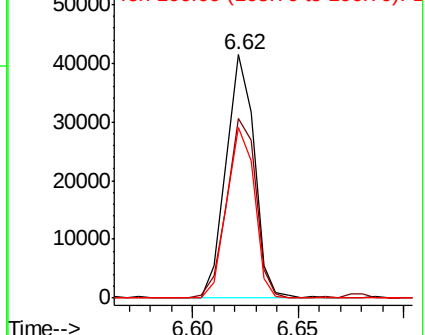
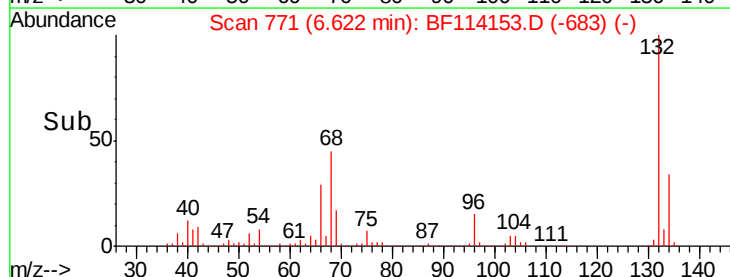
77 100

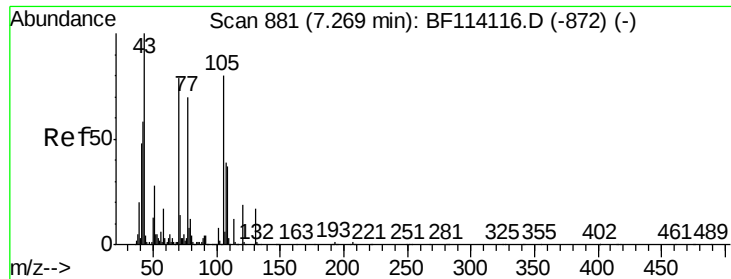
105 73.8 79.3 119.3#

106 70.0 77.0 117.0#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

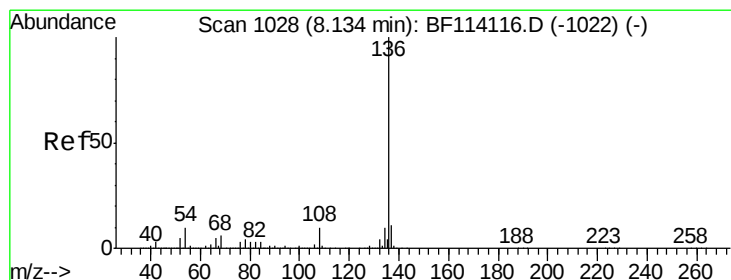
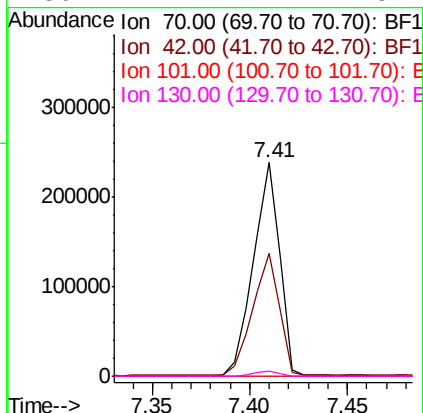
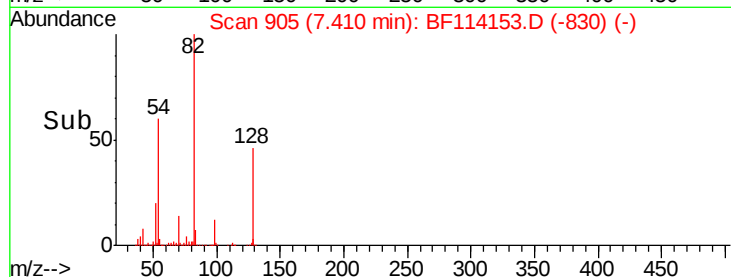
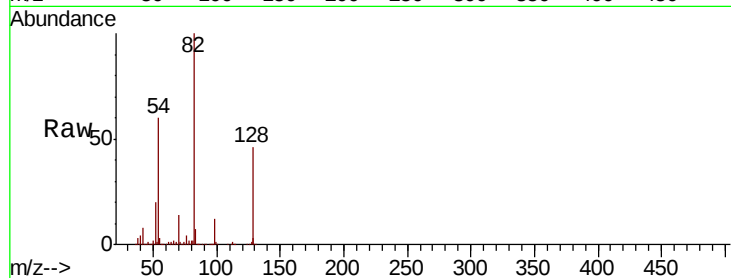




#19
n-Nitroso-di-n-propylamine
Concen: 16.888 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF114153.D
Acq: 11 May 2019 13:34

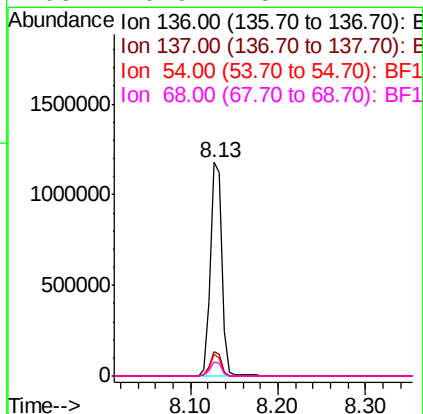
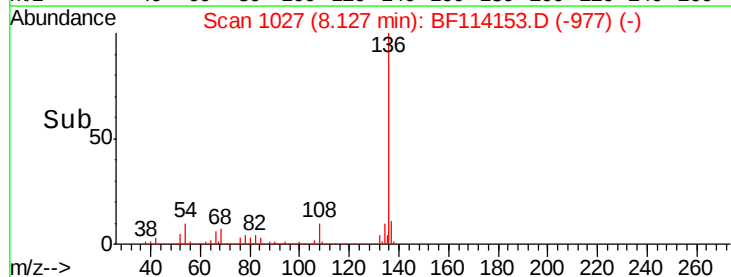
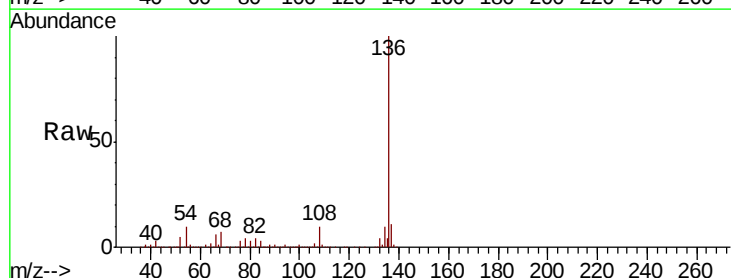
Instrument :
BNA_F
ClientSampleId :
OUTFALL001-WK-2

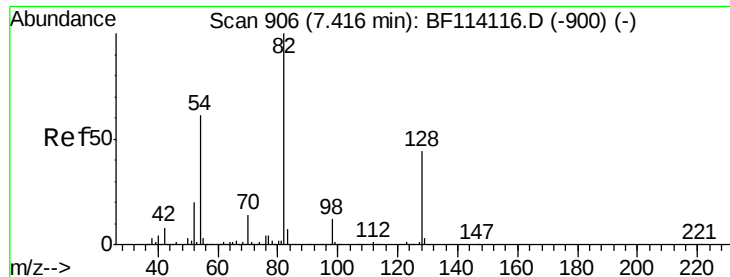
Tgt Ion: 70 Resp: 223036
Ion Ratio Lower Upper
70 100
42 57.7 58.6 87.8#
101 0.0 7.8 11.8#
130 2.2 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114153.D
Acq: 11 May 2019 13:34

Tgt Ion: 136 Resp: 1082196
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.1 7.8 11.8
68 6.9 5.1 7.7

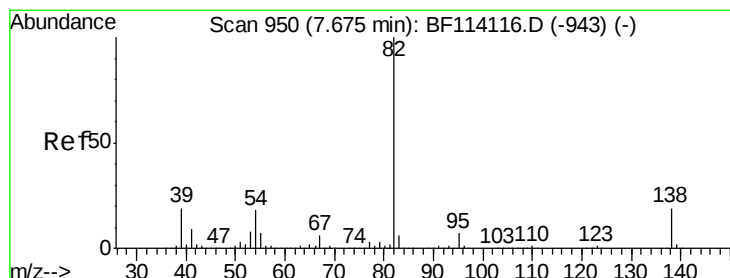
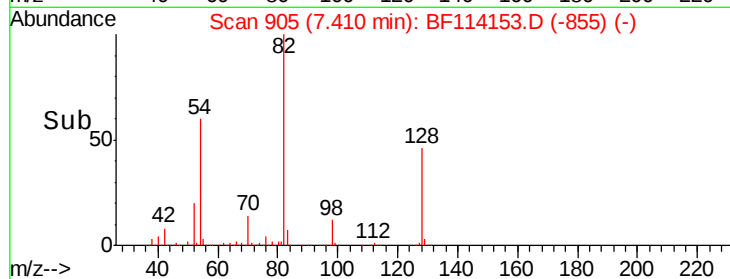
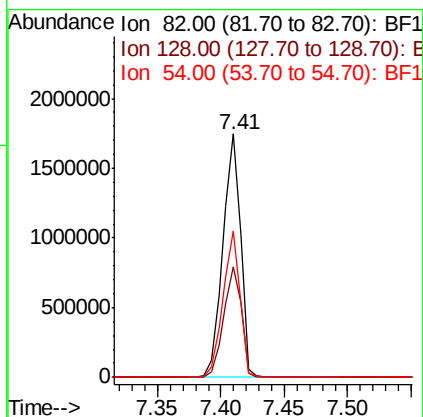
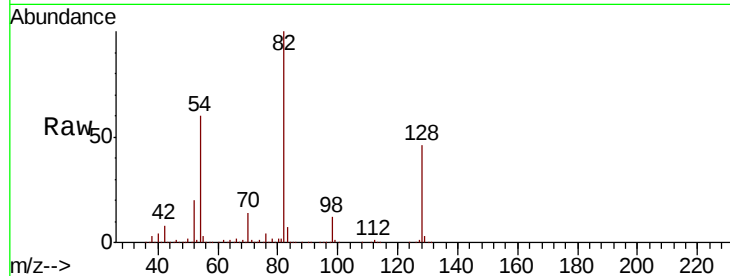




#23
 Nitrobenzene-d5
 Concen: 88.209 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114153.D
 Acq: 11 May 2019 13:34

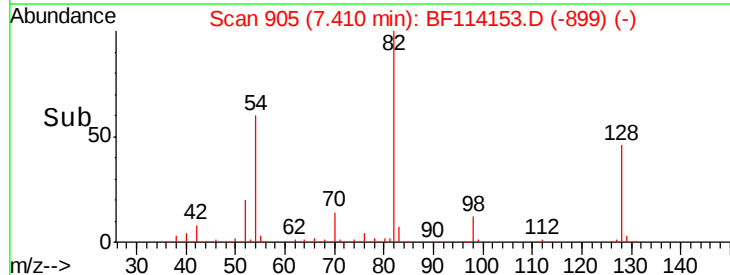
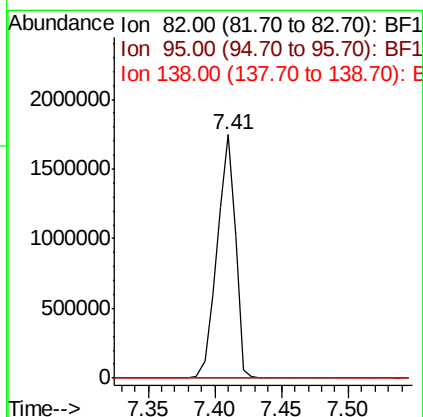
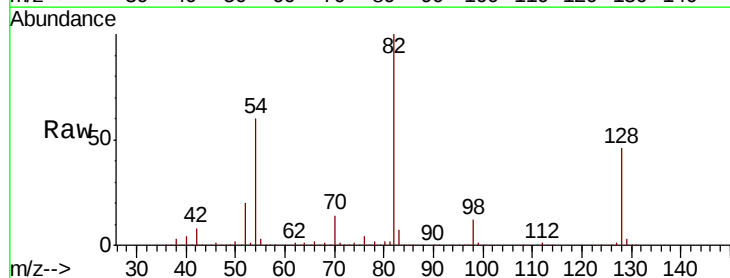
Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL001-WK-2

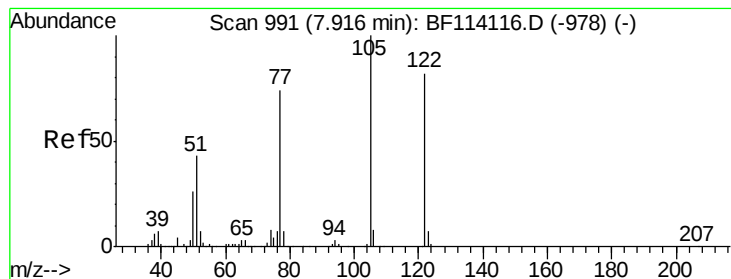
Tgt Ion: 82 Resp: 1700990
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.5 53.3
 54 60.1 48.5 72.7



#25
 Isophorone
 Concen: 47.500 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF114153.D
 Acq: 11 May 2019 13:34

Tgt Ion: 82 Resp: 1698776
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.8 22.2#





#32

Benzoic acid

Concen: 7.030 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

OUTFALL001-WK-2

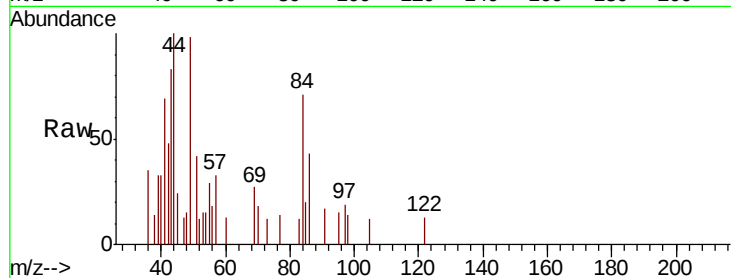
Tgt Ion:122 Resp: 120

Ion Ratio Lower Upper

122 100

105 92.3 99.9 139.9#

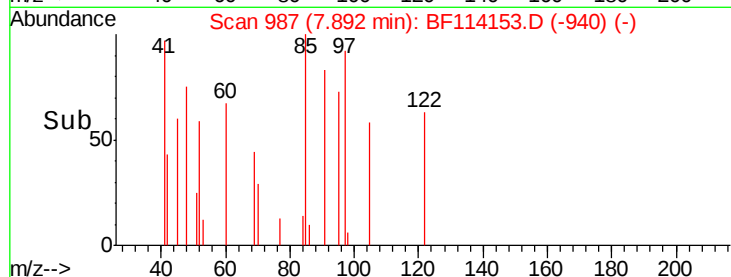
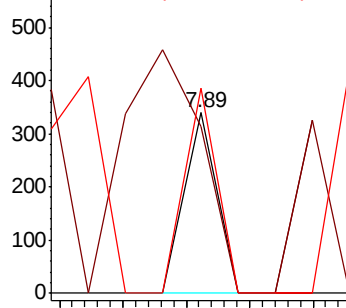
77 114.2 69.4 109.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

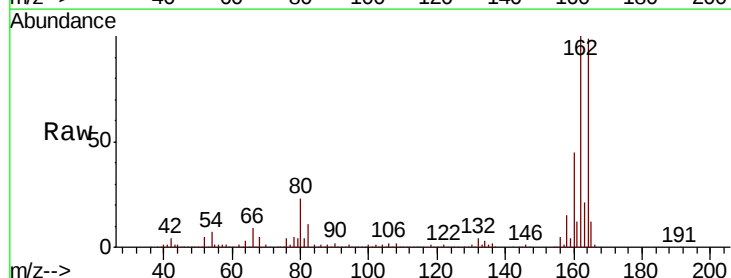
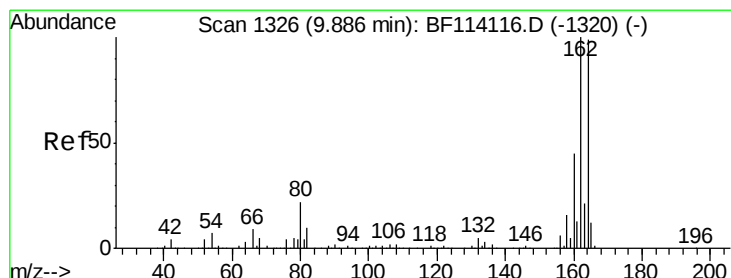
Tgt Ion:164 Resp: 531419

Ion Ratio Lower Upper

164 100

162 100.6 80.6 120.8

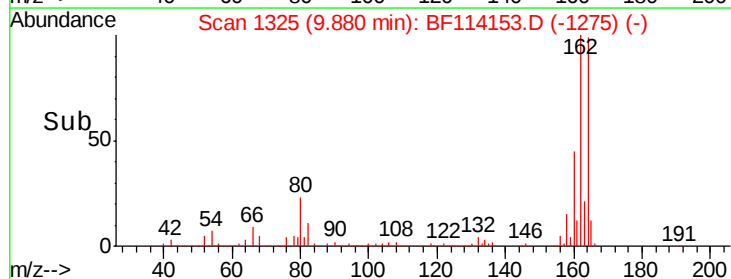
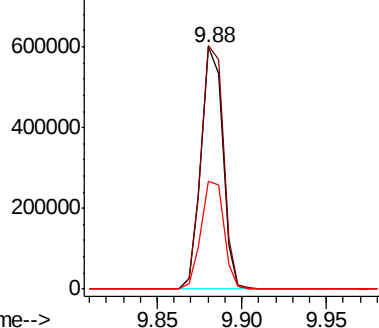
160 44.8 36.5 54.7

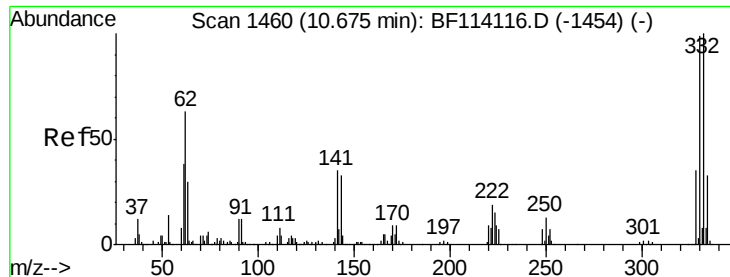


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

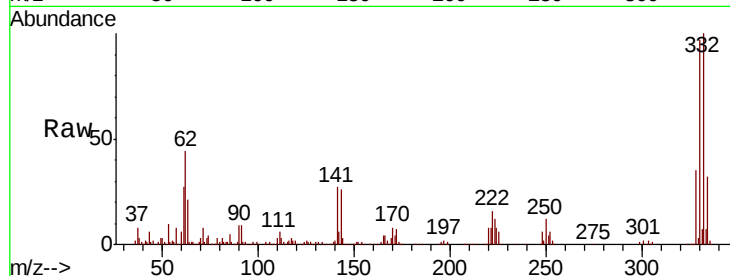




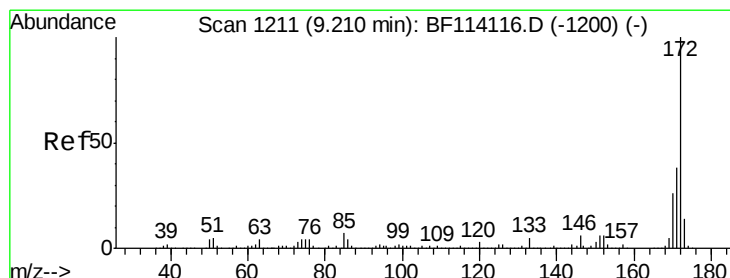
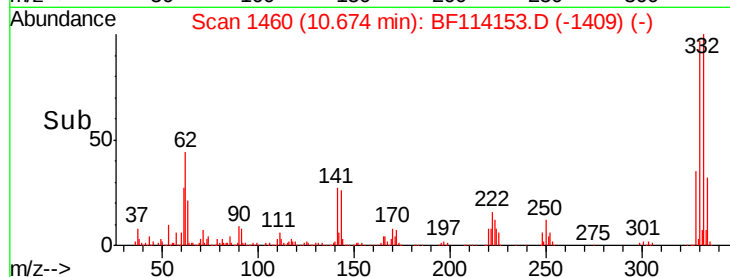
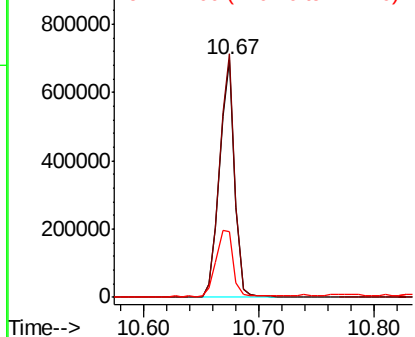
#42
 2,4,6-Tribromophenol
 Concen: 115.050 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114153.D
 Acq: 11 May 2019 13:34

Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL001-WK-2

Tgt Ion:330 Resp: 632081
 Ion Ratio Lower Upper
 330 100
 332 102.1 81.4 122.2
 141 32.8 26.6 40.0

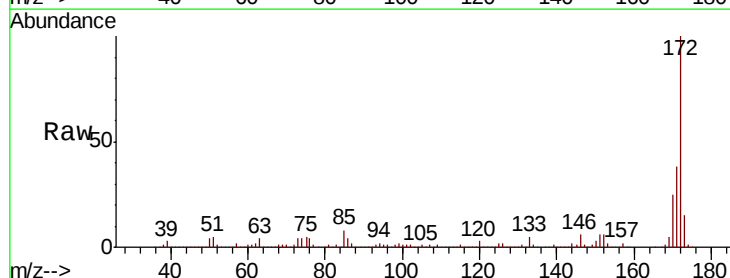


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

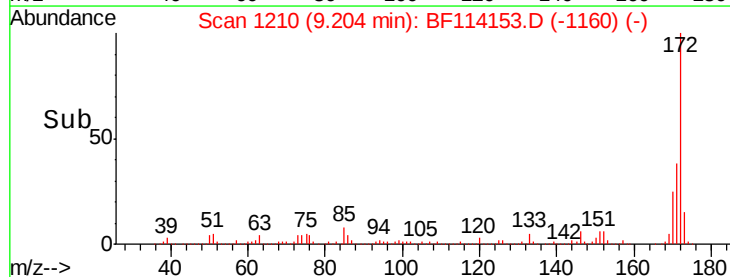
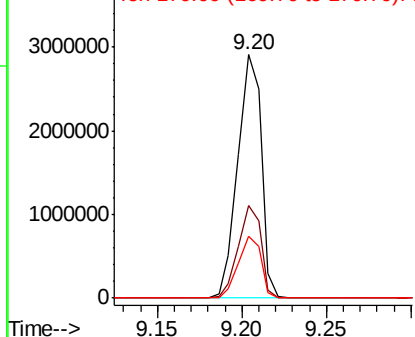


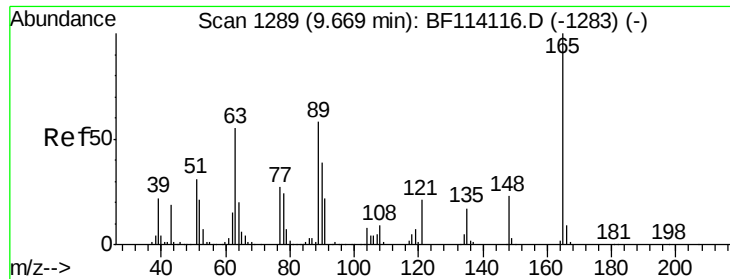
#45
 2-Fluorobiphenyl
 Concen: 80.488 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114153.D
 Acq: 11 May 2019 13:34

Tgt Ion:172 Resp: 2827636
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.7 46.1
 170 25.5 20.5 30.7



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

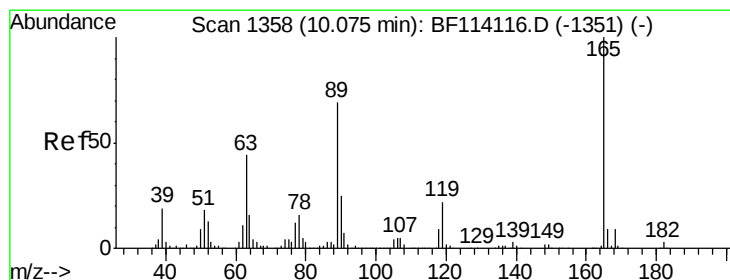
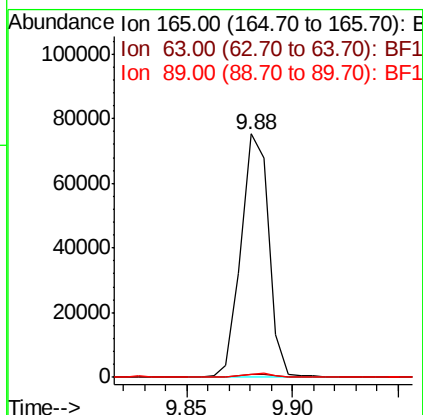
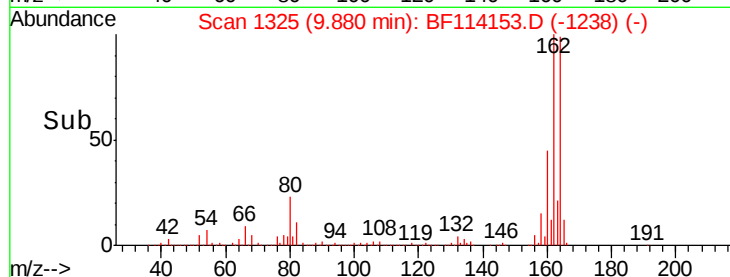
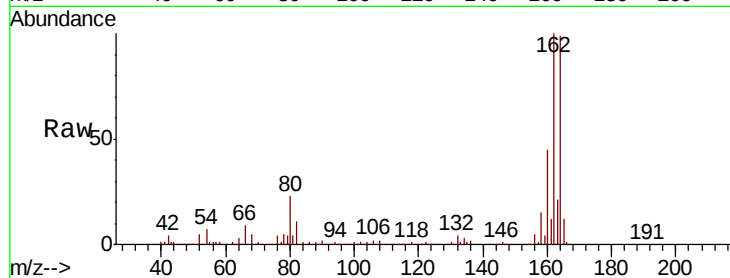




#51
 2,6-Dinitrotoluene
 Concen: 7.940 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF114153.D
 Acq: 11 May 2019 13:34

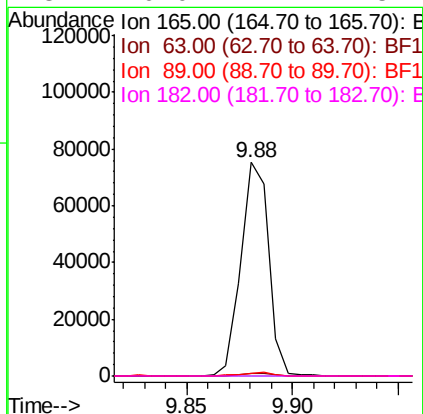
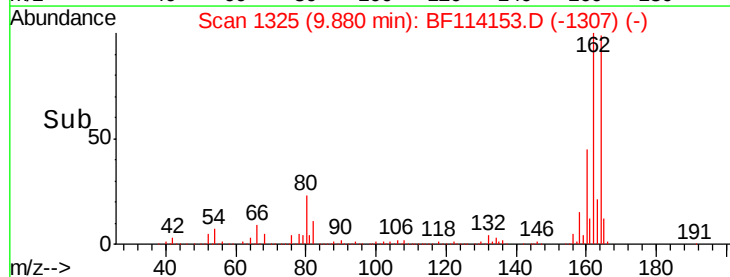
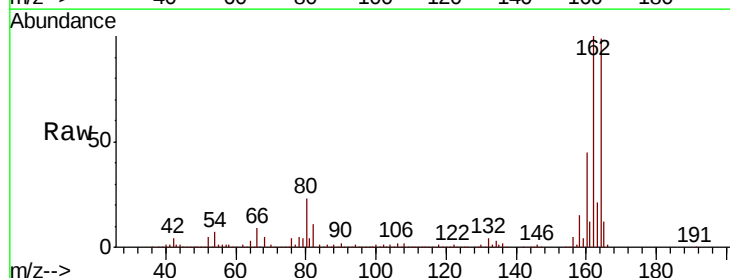
Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL001-WK-2

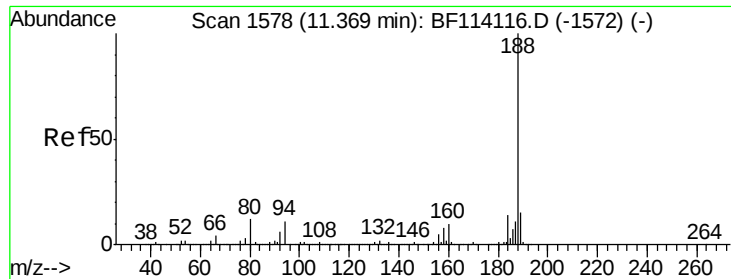
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.2	75.4#
89	1.3	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.850 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114153.D
 Acq: 11 May 2019 13:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.5	53.3#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

OUTFALL001-WK-2

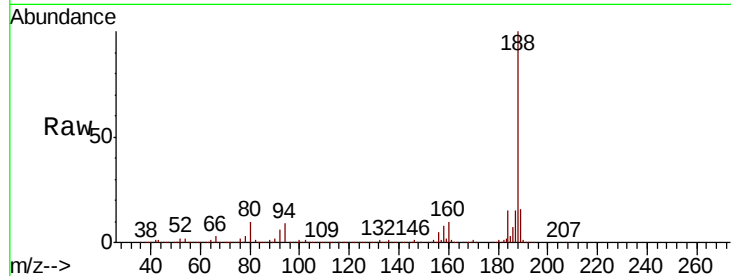
Tgt Ion:188 Resp: 1002836

Ion Ratio Lower Upper

188 100

94 9.4 8.4 12.6

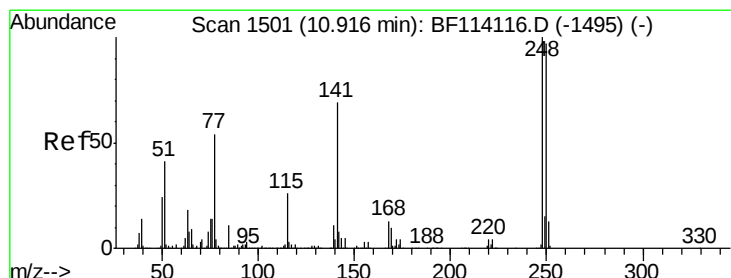
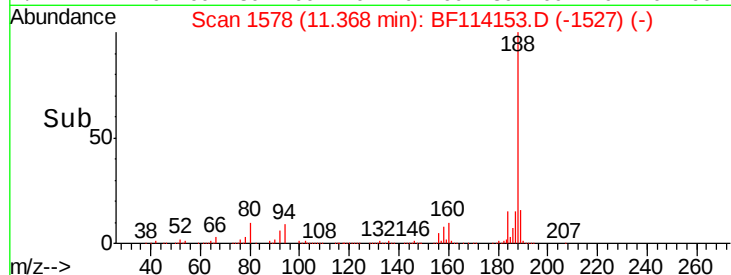
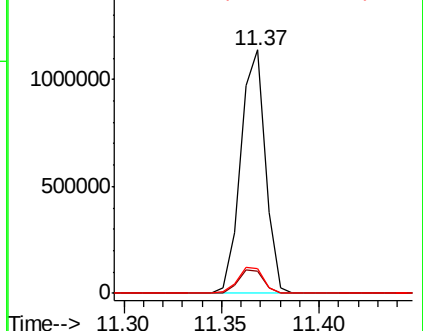
80 10.0 9.2 13.8



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: 3.652 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

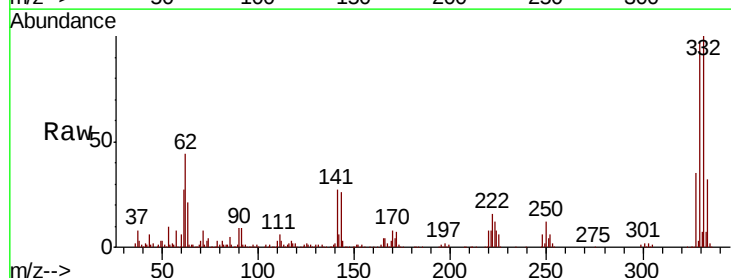
Tgt Ion:248 Resp: 40321

Ion Ratio Lower Upper

248 100

250 206.8 77.4 116.2#

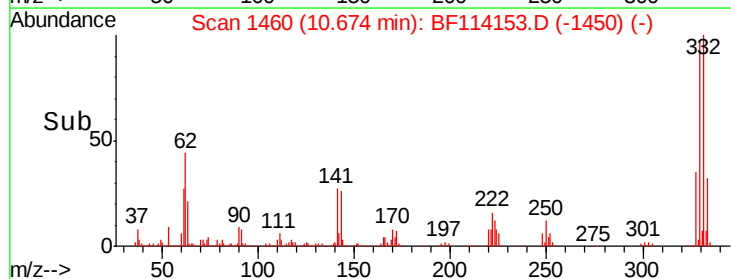
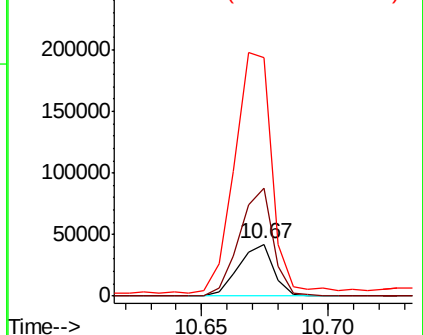
141 456.3 55.6 83.4#

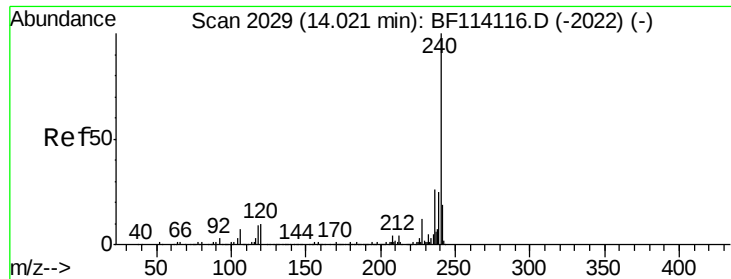


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

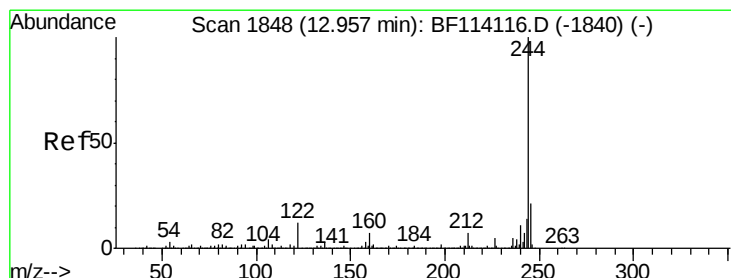
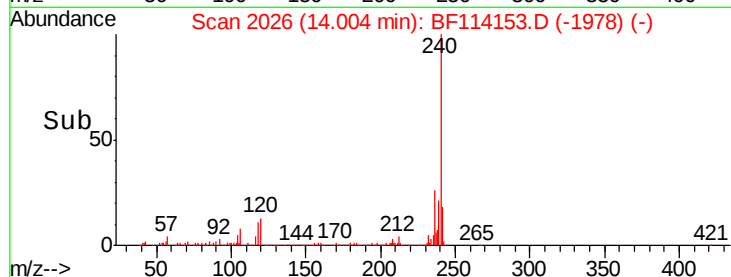
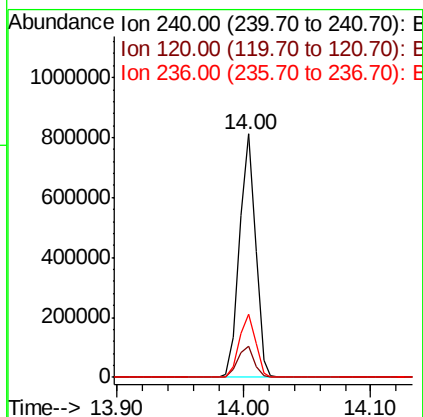
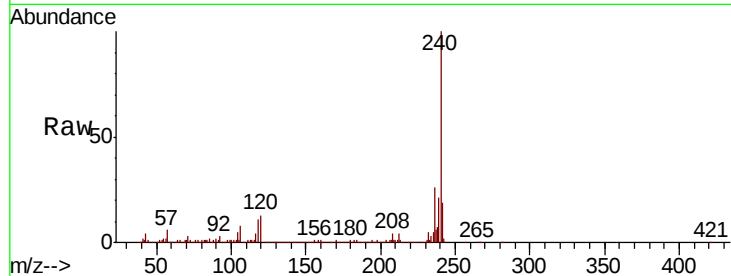




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114153.D
Acq: 11 May 2019 13:34

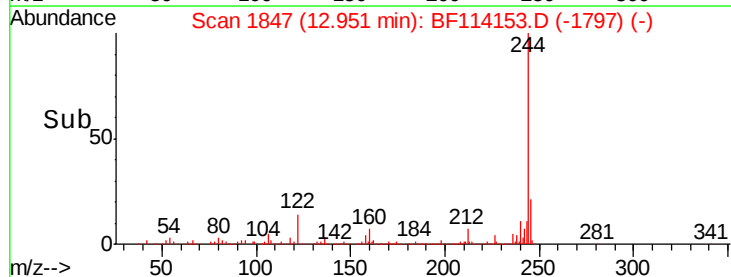
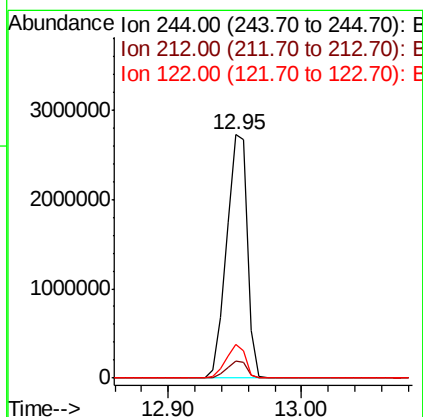
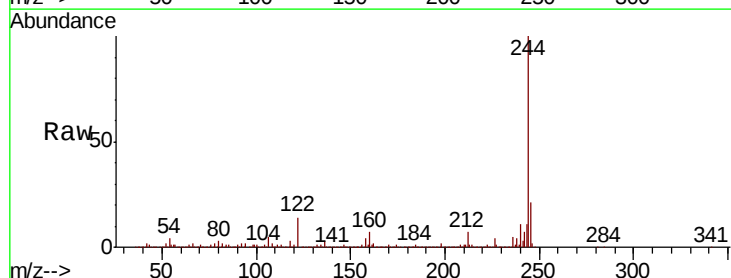
Instrument :
BNA_F
ClientSampleId :
OUTFALL001-WK-2

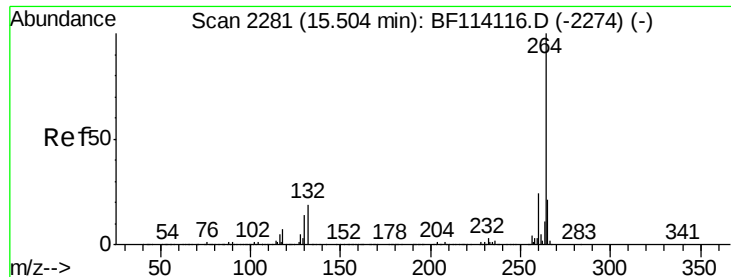
Tgt Ion:240 Resp: 703330
Ion Ratio Lower Upper
240 100
120 12.6 8.3 12.5#
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 87.546 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114153.D
Acq: 11 May 2019 13:34

Tgt Ion:244 Resp: 2986935
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 13.7 9.4 14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114153.D
Acq: 11 May 2019 13:34

Instrument :
BNA_F
ClientSampleId :
OUTFALL001-WK-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.3	16.9	25.3

