

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114307.D
 Acq On : 16 May 2019 14:21
 Operator : JU/SJ
 Sample : PB119776BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Quant Time: May 17 08:01:08 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

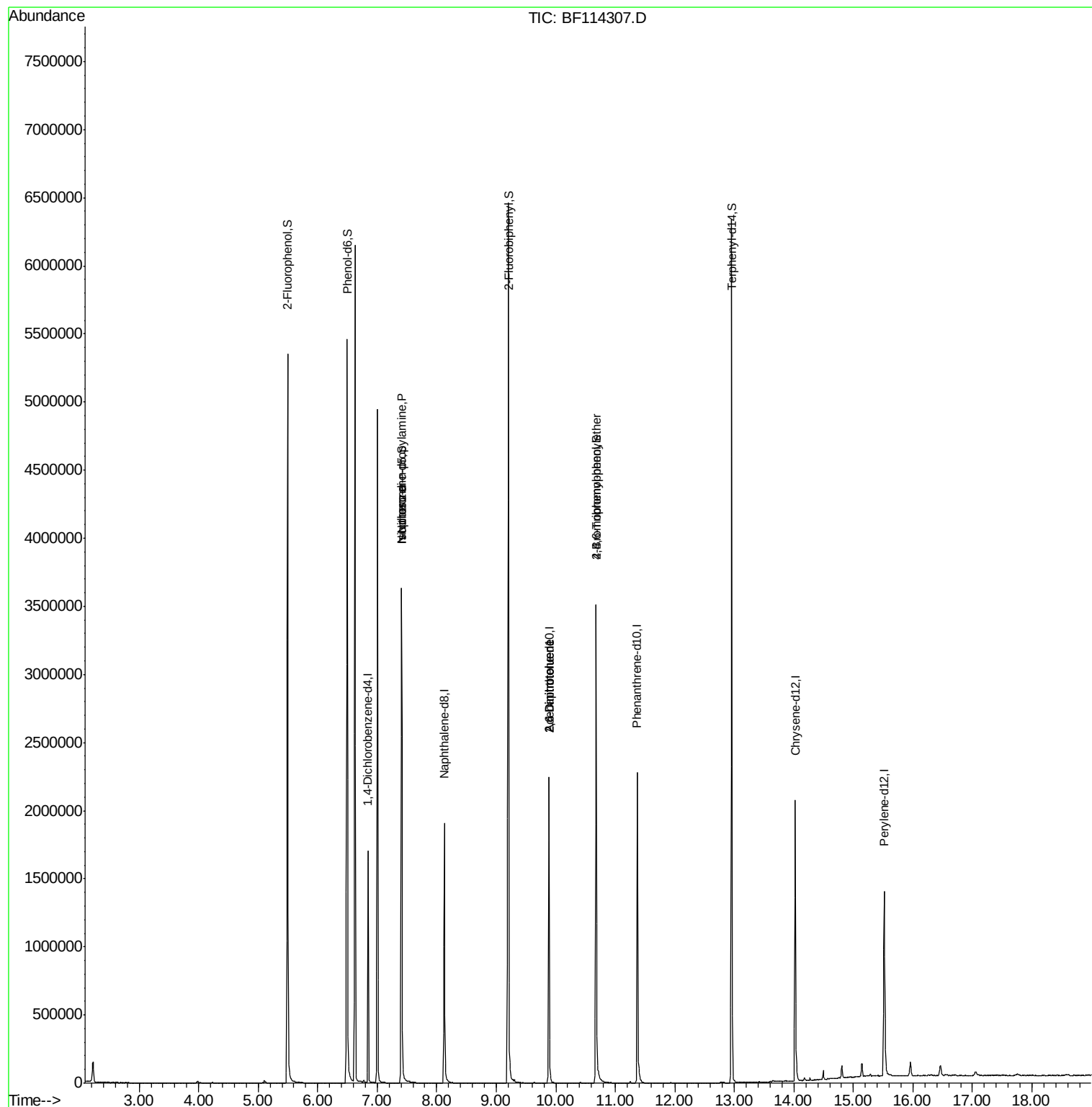
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	271286	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1040959	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	500837	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1029962	20.00	ng	0.00
76) Chrysene-d12	14.02	240	789510	20.00	ng	0.00
87) Perylene-d12	15.52	264	744598	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1641329	97.36	ng	0.02
7) Phenol-d6	6.50	99	2206472	110.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	1381266	74.47	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	528952	102.16	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2420619	73.11	ng	0.00
79) Terphenyl-d14	12.96	244	2449939	63.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	183698	14.536	ng	# 77
25) Isophorone	7.41	82	1375403	39.982	ng	# 64
51) 2,6-Dinitrotoluene	9.89	165	64643	7.927	ng	# 22
57) 2,4-Dinitrotoluene	9.89	165	64643	5.840	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	34825	3.071	ng	# 1

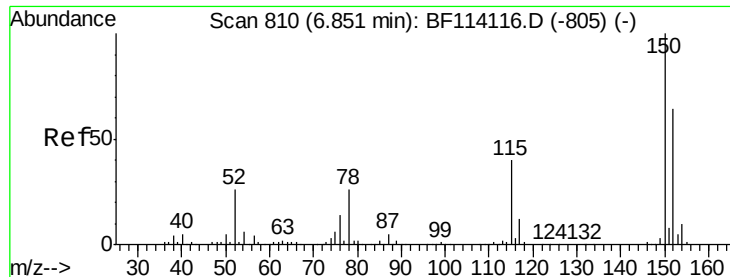
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114307.D
Acq On : 16 May 2019 14:21
Operator : JU/SJ
Sample : PB119776BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119776BL

Quant Time: May 17 08:01:08 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



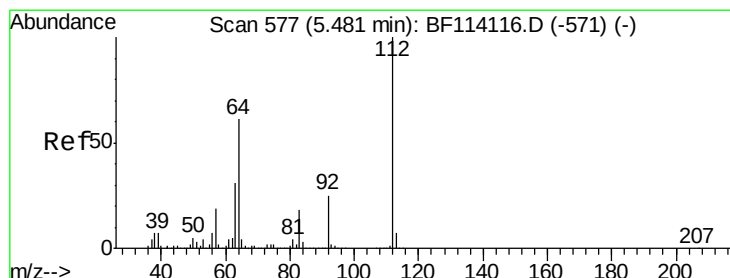
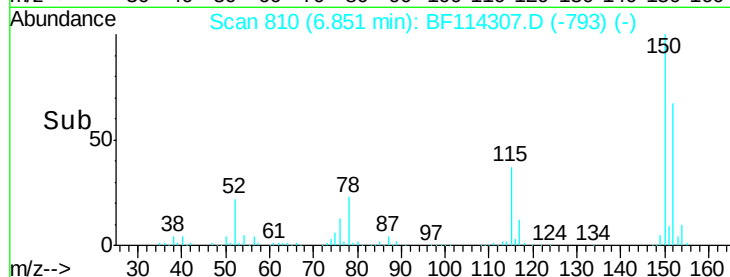
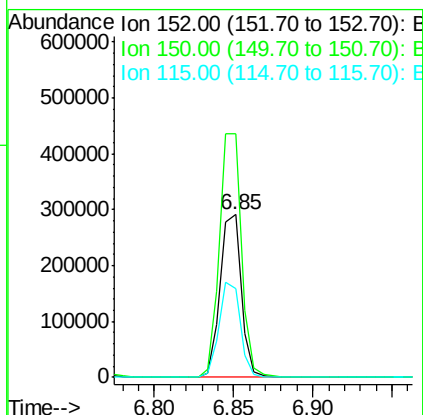
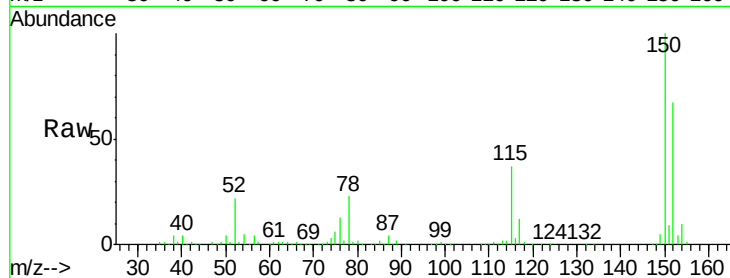


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114307.D
Acq: 16 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
PB119776BL

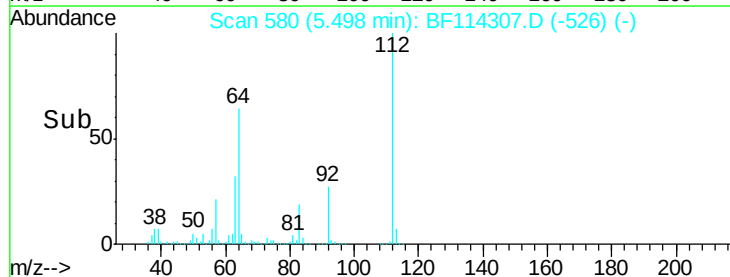
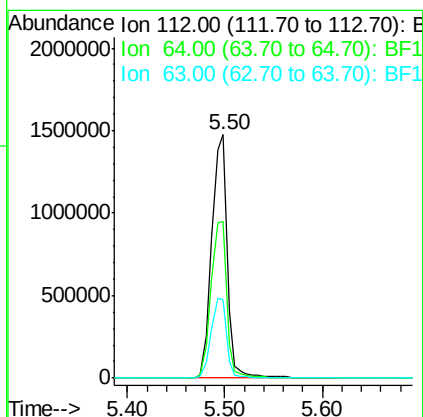
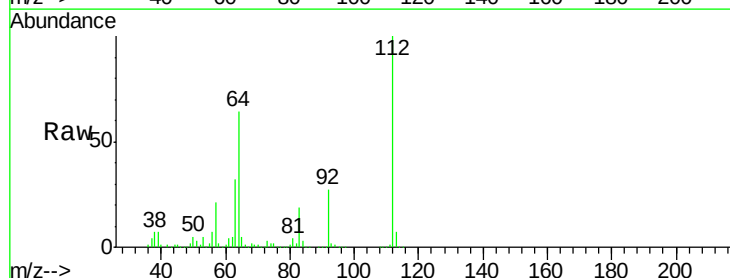
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	124.3	186.5
115	54.7	49.1	73.7

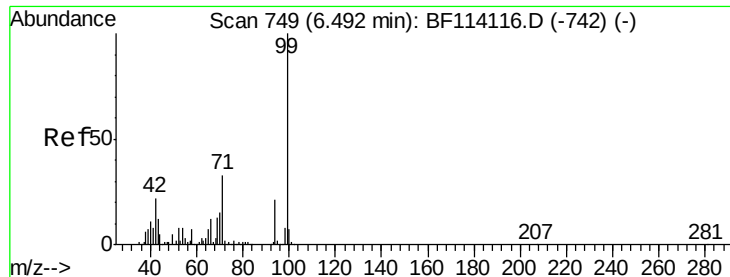


#5

2-Fluorophenol
Concen: 97.363 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114307.D
Acq: 16 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	49.0	73.6
63	32.3	24.6	37.0





#7

Phenol-d6

Concen: 110.665 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114307.D

Acq: 16 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

PB119776BL

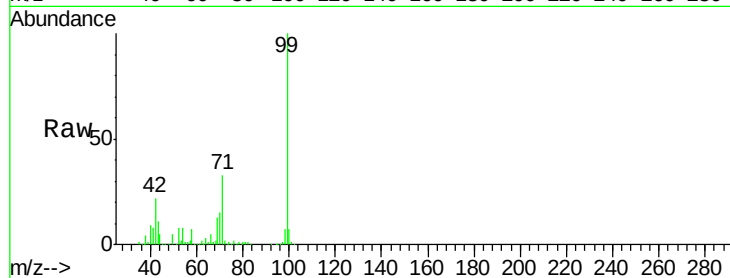
Tot Ion: 99 Resp: 2206472

Ion Ratio Lower Upper

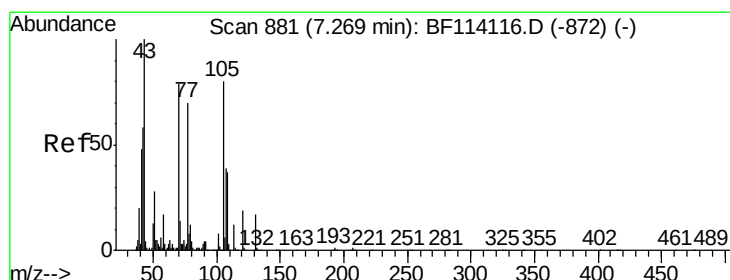
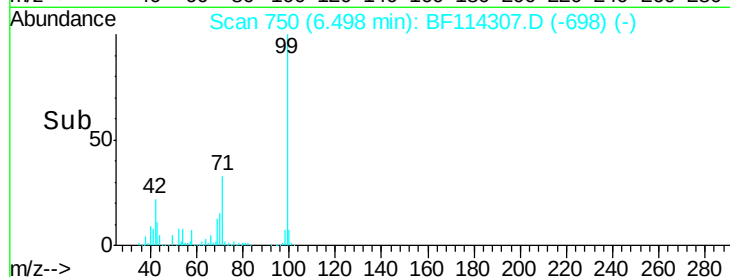
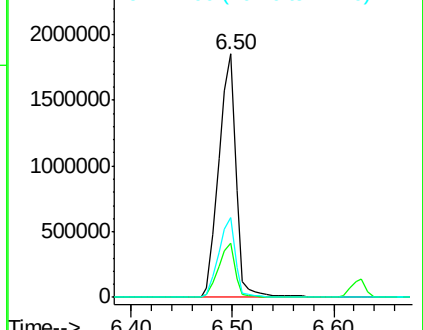
99 100

42 22.5 17.9 26.9

71 32.8 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: 14.536 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114307.D

Acq: 16 May 2019 14:21

Tgt Ion: 70 Resp: 183698

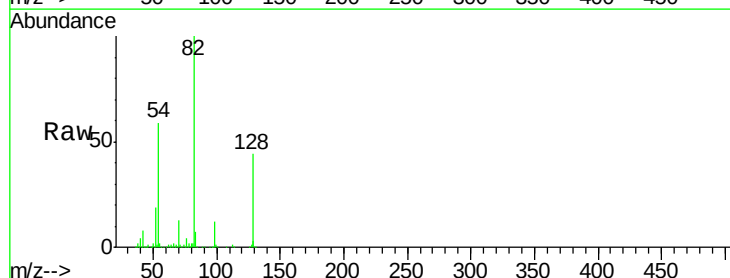
Ion Ratio Lower Upper

70 100

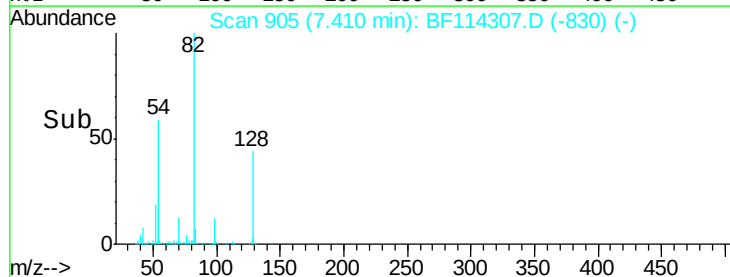
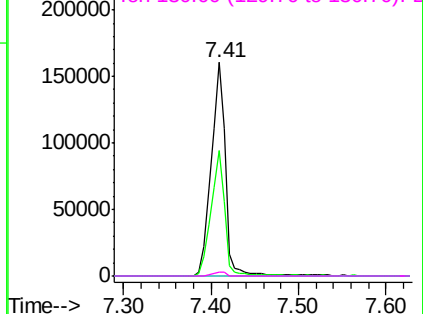
42 58.5 58.6 87.8#

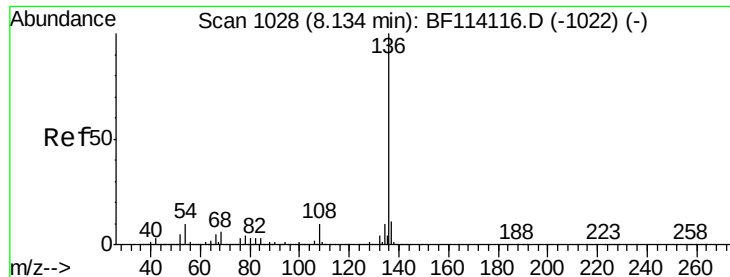
101 0.0 7.8 11.8#

130 2.0 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

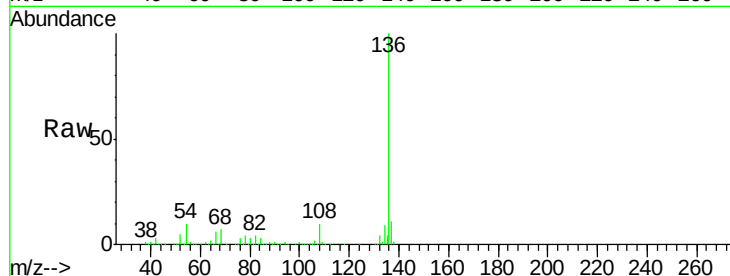




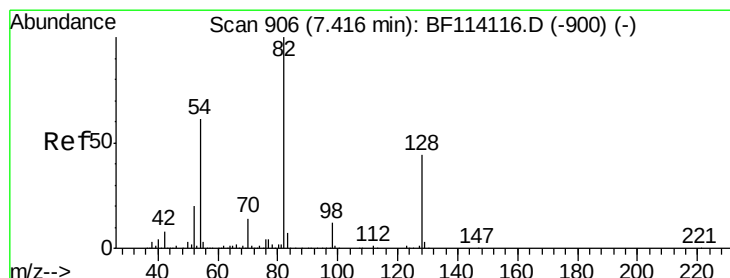
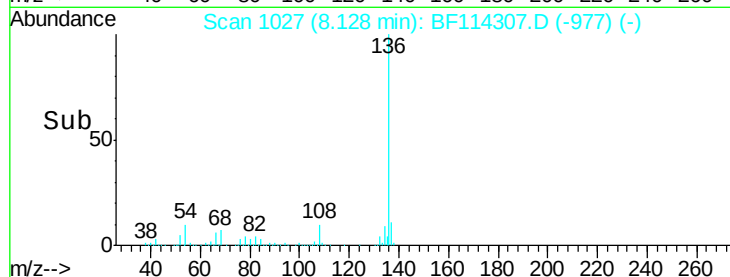
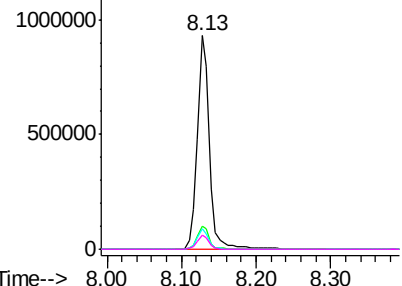
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114307.D
Acq: 16 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
PB119776BL

Tot Ion:136	Resp: 1040959
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 9.7	7.8 11.8
68 6.9	5.1 7.7

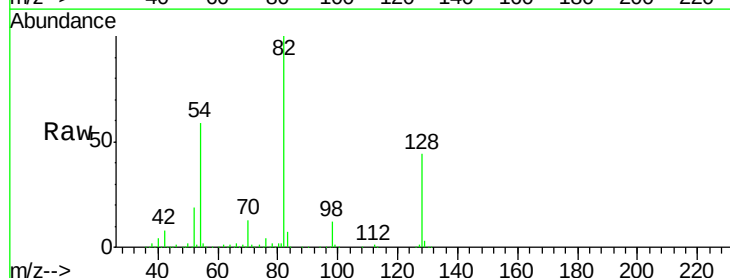


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

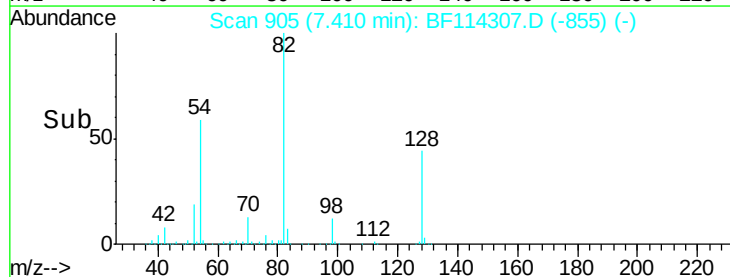
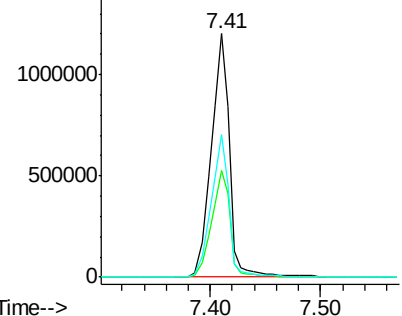


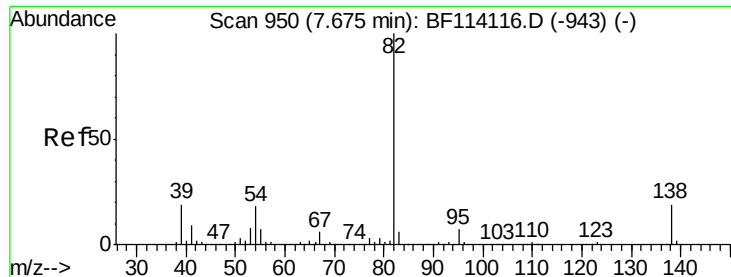
#23
Nitrobenzene-d5
Concen: 74.467 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114307.D
Acq: 16 May 2019 14:21

Tgt Ion	82	Resp: 1381266	
Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.5	53.3
54	58.8	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: 39.982 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114307.D

Acq: 16 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

PB119776BL

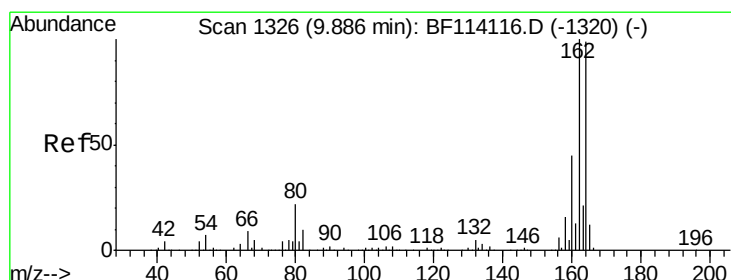
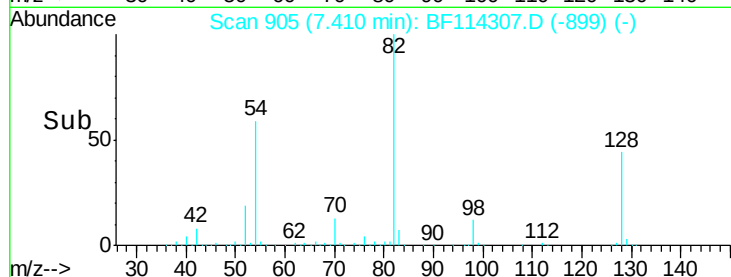
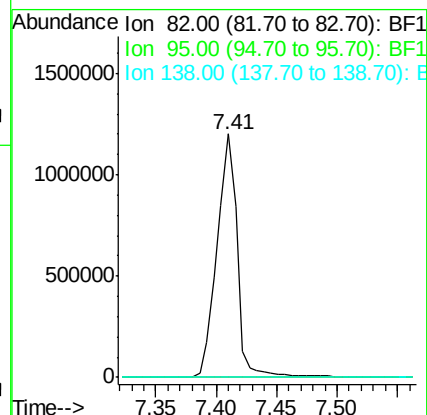
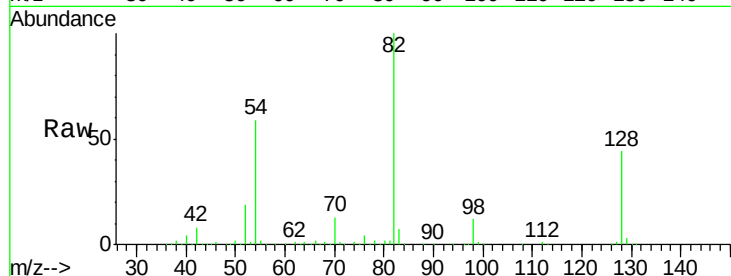
Tot Ion: 82 Resp: 1375403

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114307.D

Acq: 16 May 2019 14:21

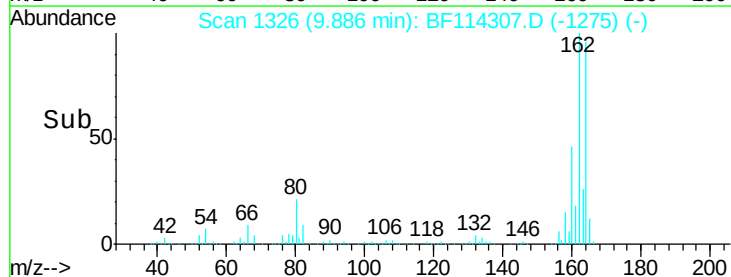
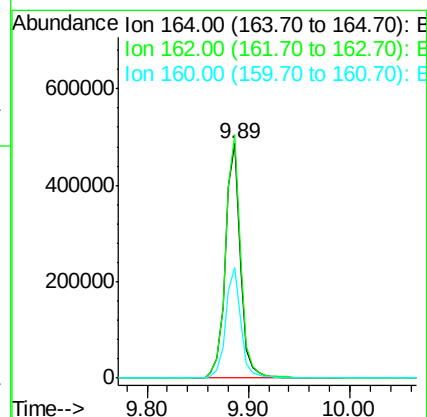
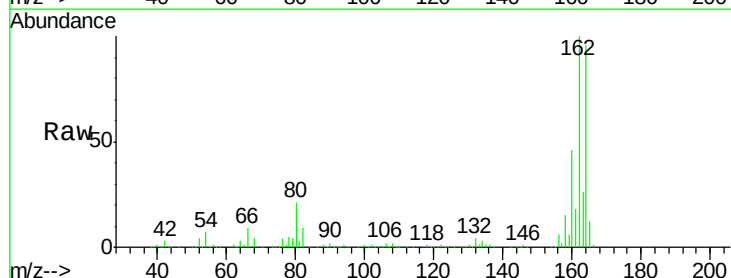
Tgt Ion:164 Resp: 500837

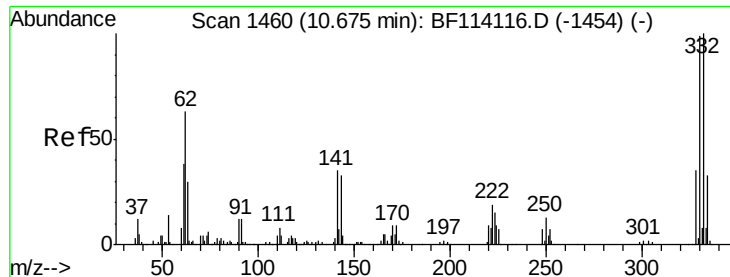
Ion Ratio Lower Upper

164 100

162 103.8 80.6 120.8

160 47.3 36.5 54.7

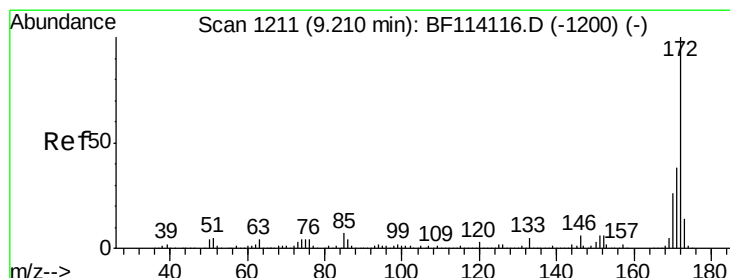
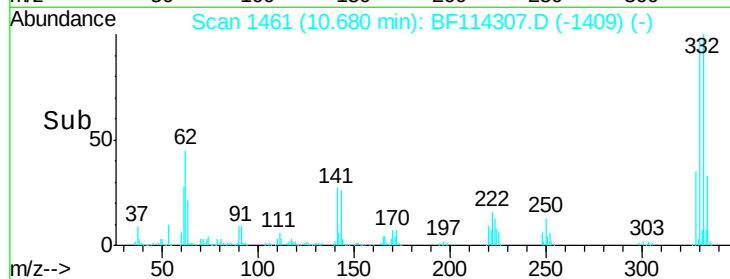
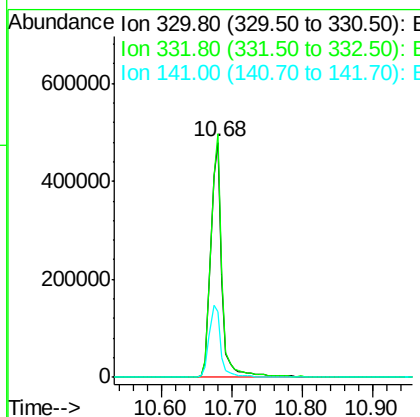
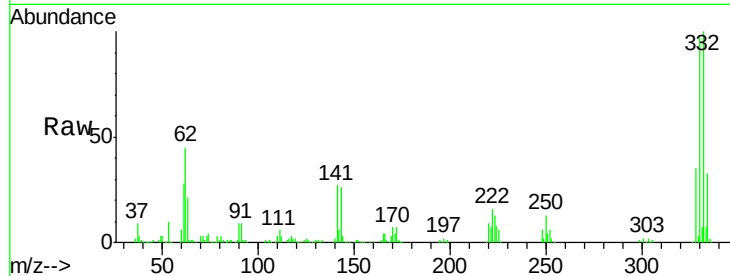




#42
 2,4,6-Tribromophenol
 Concen: 102.157 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114307.D
 Acq: 16 May 2019 14:21

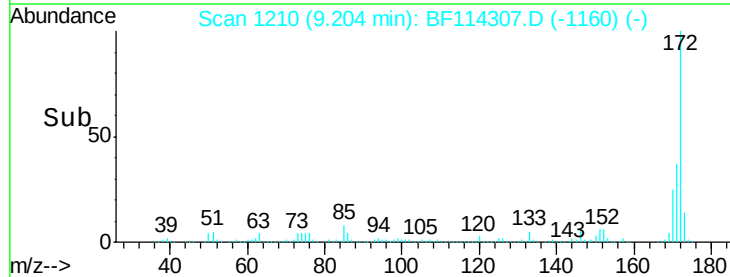
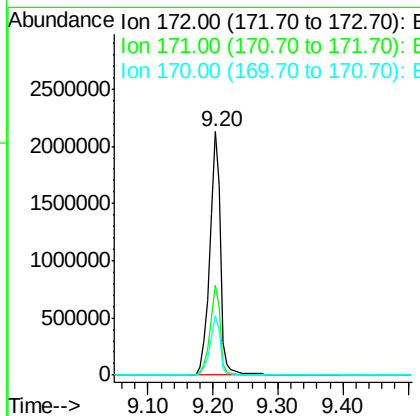
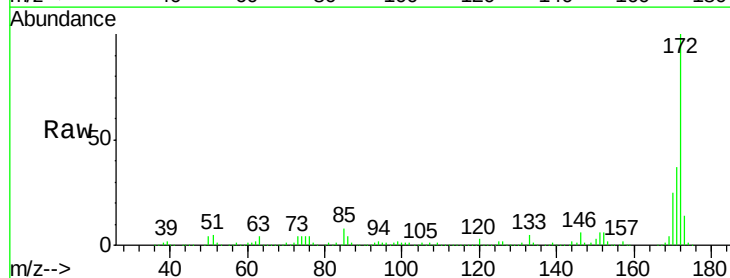
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

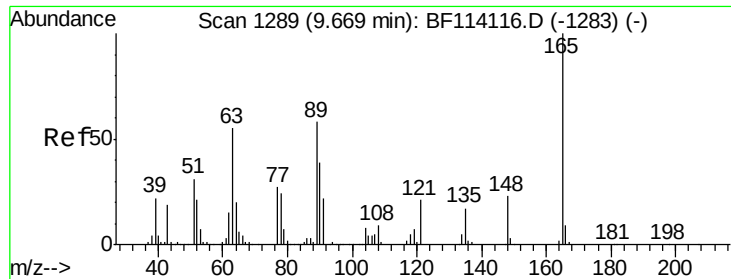
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.0	81.4	122.2
141	32.5	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 73.109 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114307.D
 Acq: 16 May 2019 14:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	24.6	20.5	30.7

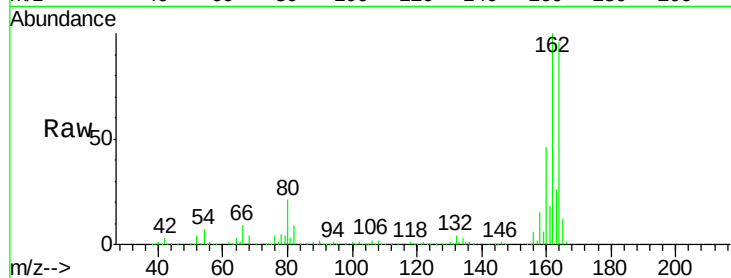




#51
 2,6-Dinitrotoluene
 Concen: 7.927 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.22 min
 Lab File: BF114307.D
 Acq: 16 May 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

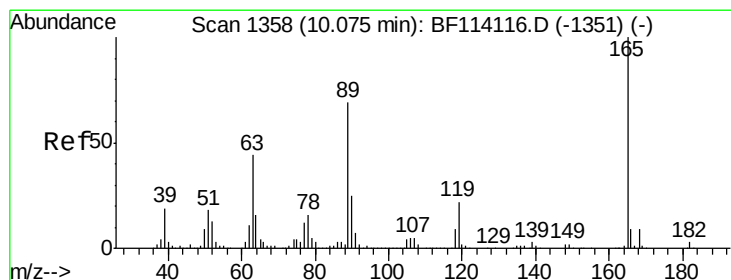
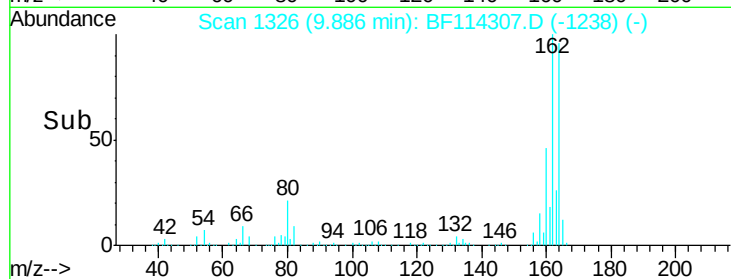
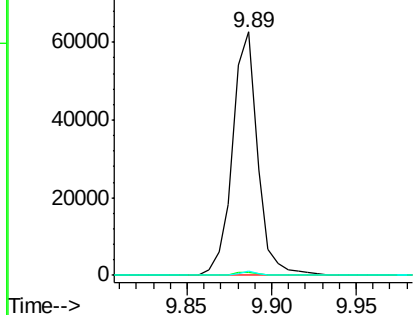
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	50.2	75.4#
89	1.6	46.6	69.8#



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: 5.840 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114307.D
 Acq: 16 May 2019 14:21

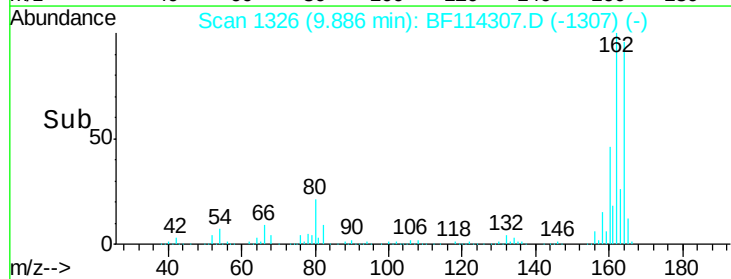
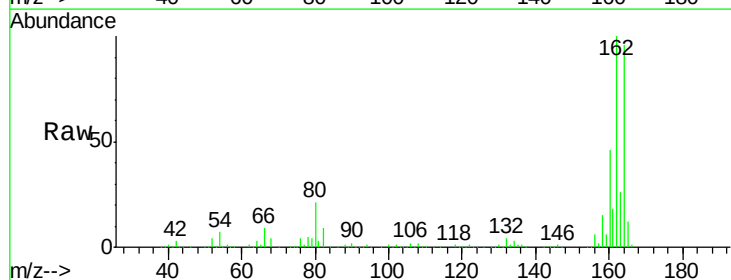
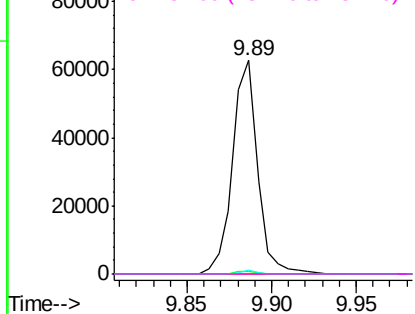
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.5	53.3#
89	1.6	55.2	82.8#
182	0.0	2.2	3.2#

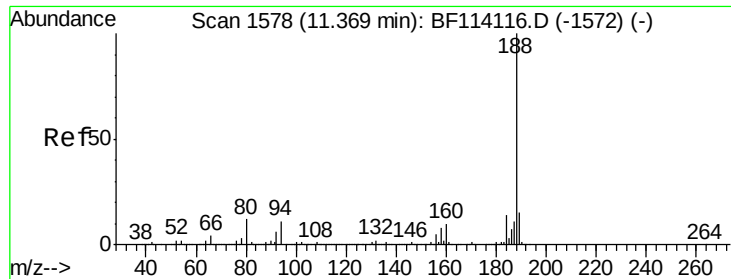
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114307.D

Acq: 16 May 2019 14:21

Instrument :

BNA_F

ClientSampleId :

PB119776BL

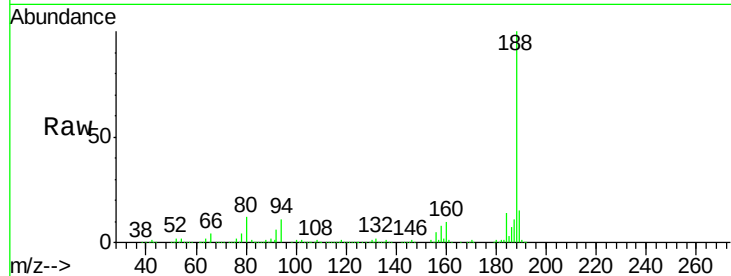
Tot Ion:188 Resp: 1029962

Ion Ratio Lower Upper

188 100

94 11.2 8.4 12.6

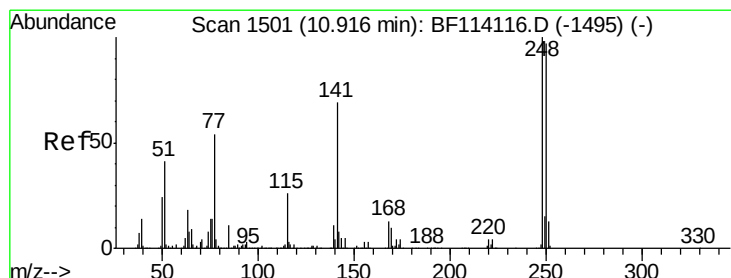
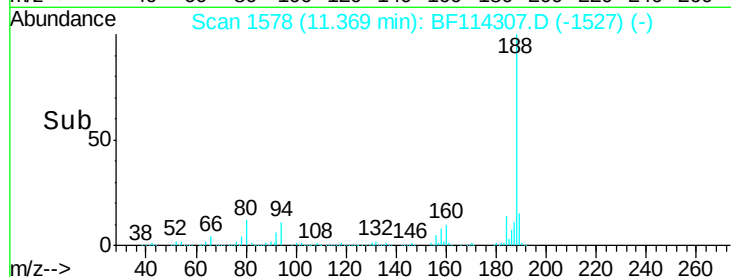
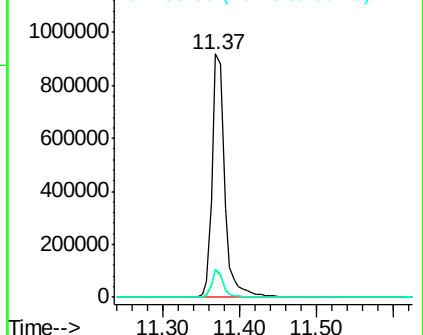
80 11.8 9.2 13.8



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: 3.071 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.24 min

Lab File: BF114307.D

Acq: 16 May 2019 14:21

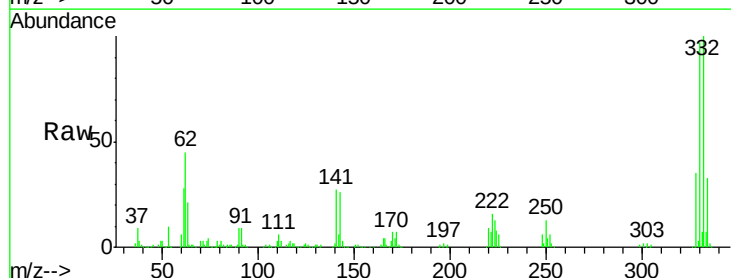
Tgt Ion:248 Resp: 34825

Ion Ratio Lower Upper

248 100

250 211.8 77.4 116.2#

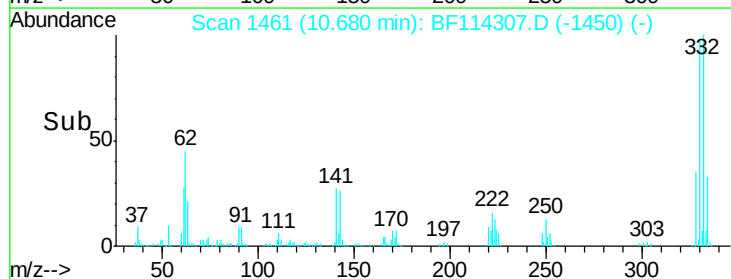
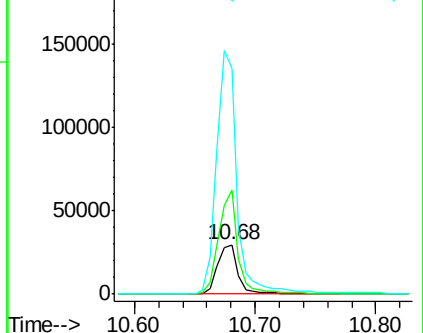
141 458.5 55.6 83.4#

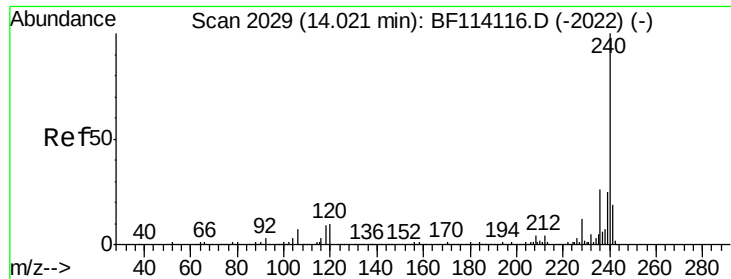


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

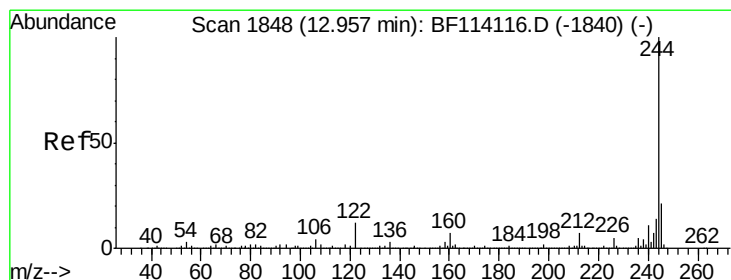
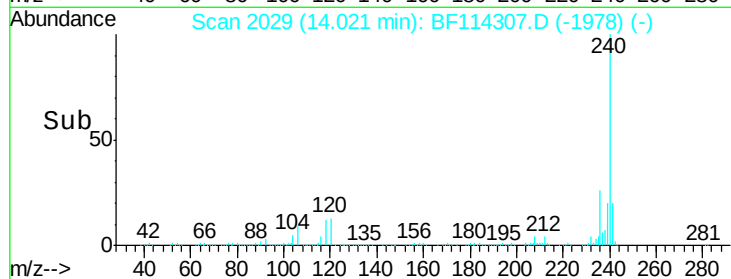
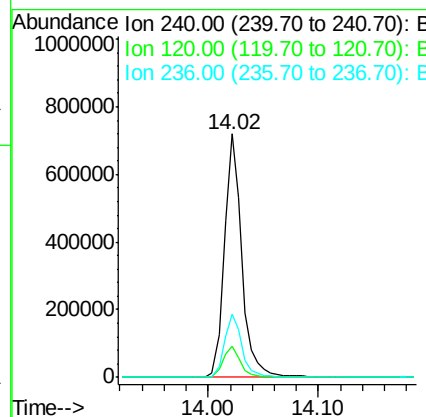
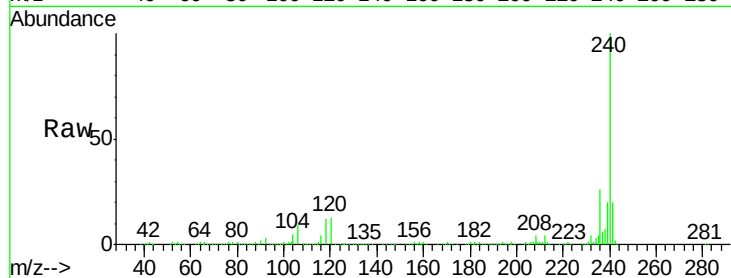




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF114307.D
Acq: 16 May 2019 14:21

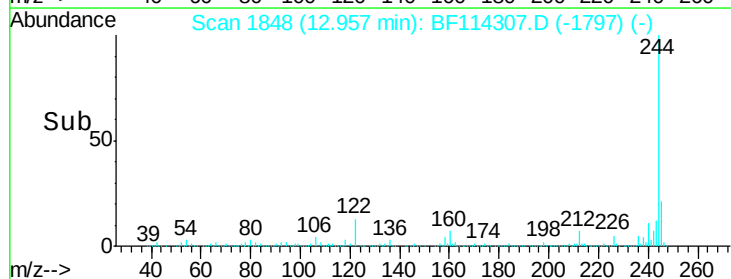
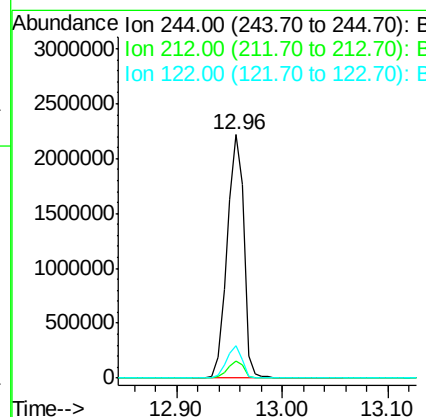
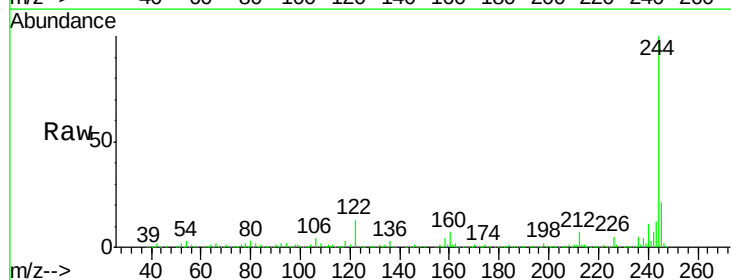
Instrument :
BNA_F
ClientSampleId :
PB119776BL

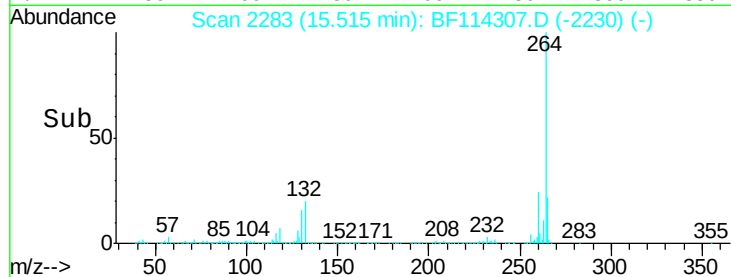
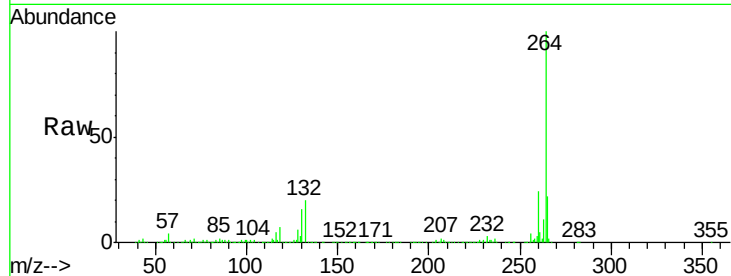
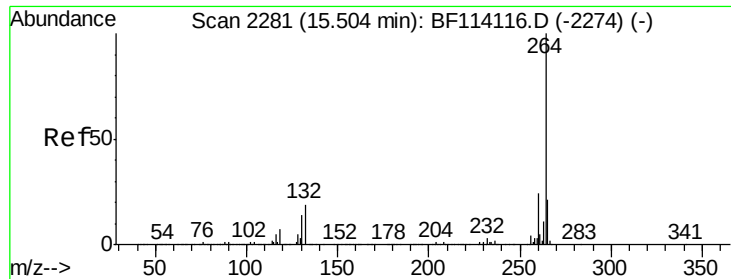
Tot Ion:240 Resp: 789510
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 63.969 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114307.D
Acq: 16 May 2019 14:21

Tgt Ion:244 Resp: 2449939
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 13.3 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF114307.D
Acq: 16 May 2019 14:21

Instrument :
BNA_F
ClientSampleId :
PB119776BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.7	16.9	25.3

