

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114616.D
 Acq On : 25 May 2019 20:42
 Operator : JU/SJ
 Sample : PB119956BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119956BL

Quant Time: May 26 23:47:15 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 24 07:23:33 2019
 Response via : Initial Calibration

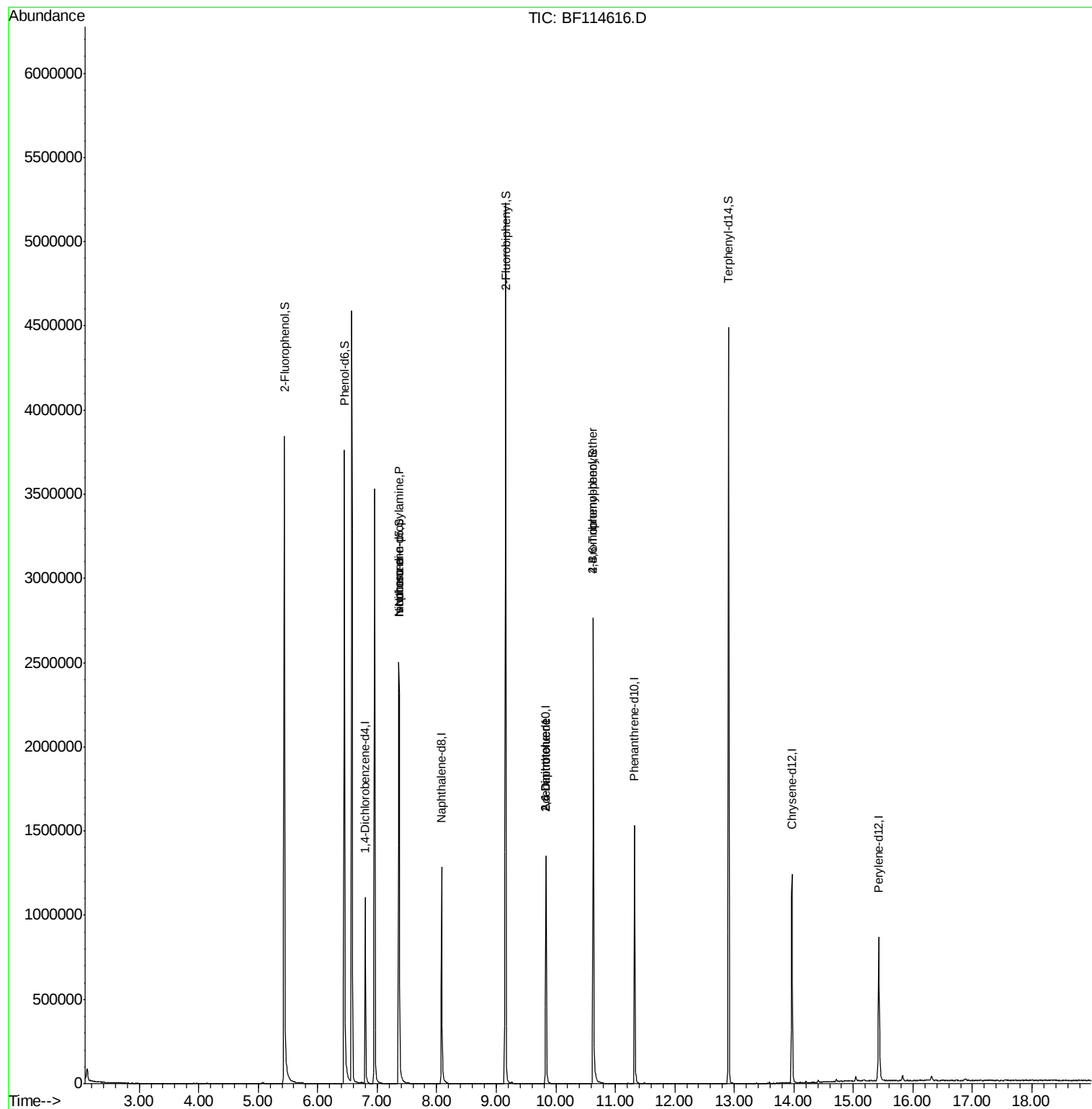
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	167435	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	639524	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	304877	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	615760	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	456938	20.00	ng	-0.02
87) Perylene-d12	15.43	264	440927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1180309	113.44	ng	0.00
7) Phenol-d6	6.45	99	1522080	123.69	ng	-0.01
23) Nitrobenzene-d5	7.36	82	928074	81.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	353541	112.17	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1683270	83.52	ng	-0.02
79) Terphenyl-d14	12.90	244	1661630	74.96	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	120121	15.400	ng	# 77
25) Isophorone	7.36	82	928069	43.913	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	39148	7.886	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	39148	5.810	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	22685	3.346	ng	# 1

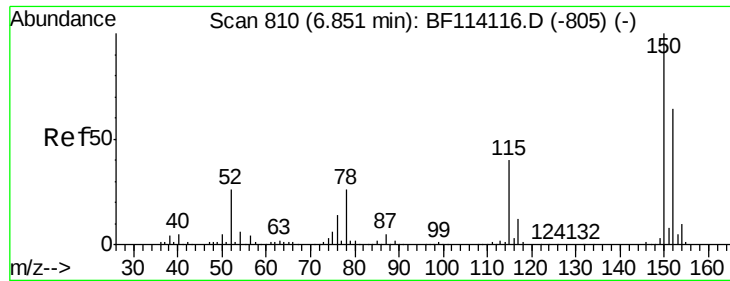
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



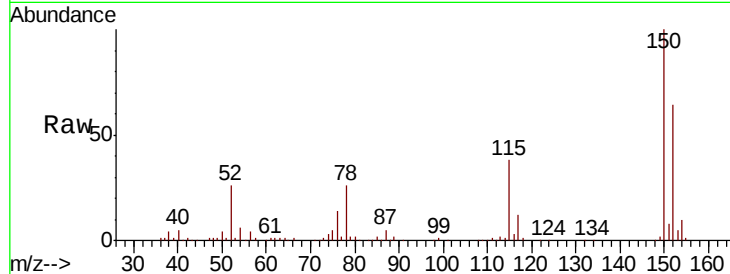


#1

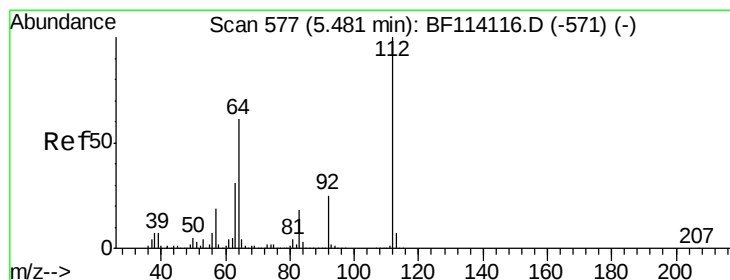
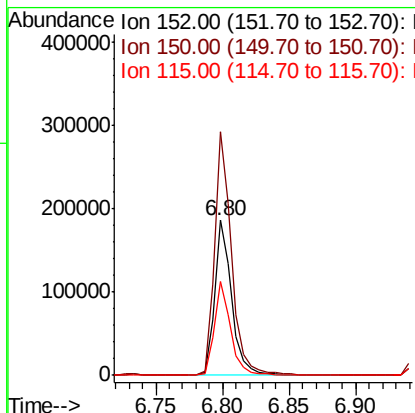
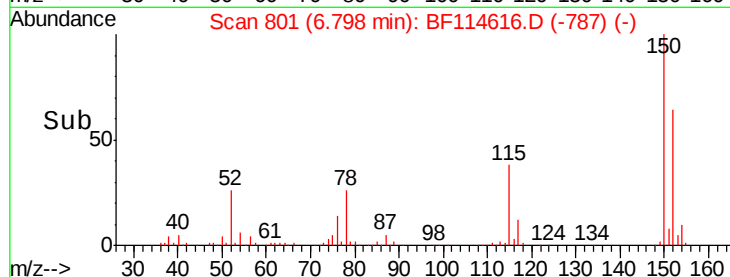
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF114616.D
 Acq: 25 May 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB119956BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.3	186.5
115	60.4	49.1	73.7



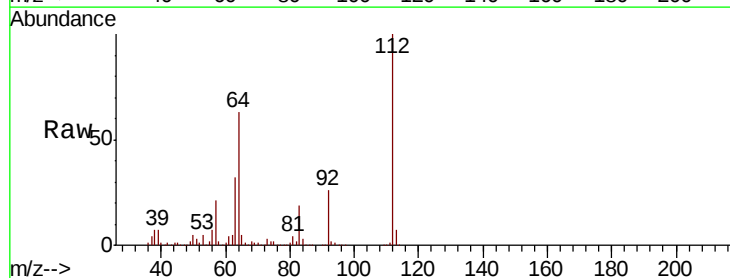
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



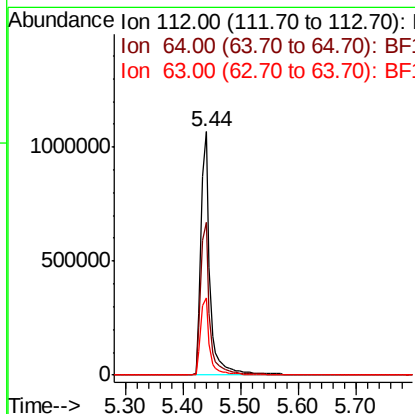
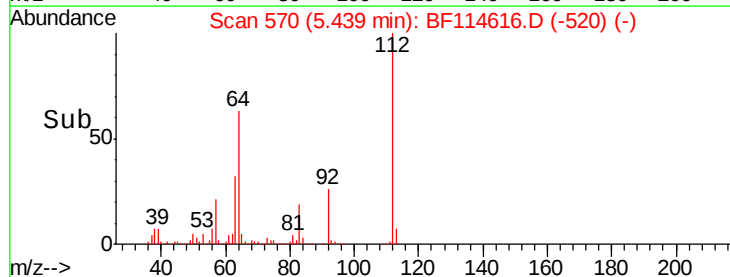
#5

2-Fluorophenol
 Concen: 113.443 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF114616.D
 Acq: 25 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.0	73.6
63	31.9	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: 123.689 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114616.D

Acq: 25 May 2019 20:42

Instrument :

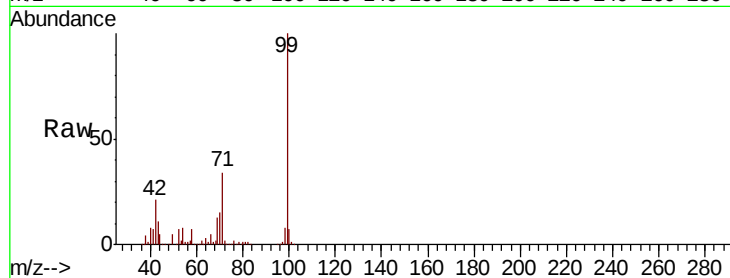
BNA_F

ClientSampleId :

PB119956BL

Tot Ion: 99 Resp: 1522080

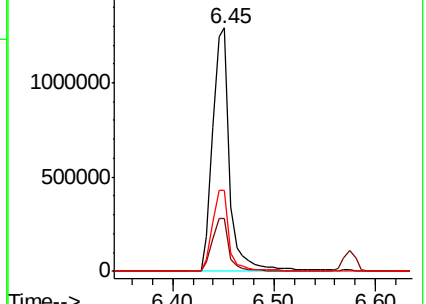
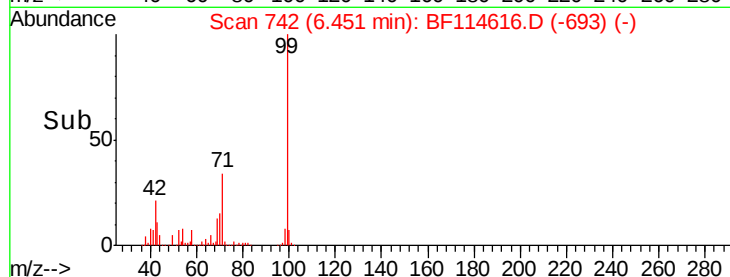
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.9	26.9
71	33.5	26.2	39.2



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: 15.400 ng

RT: 7.36 min Scan# 897

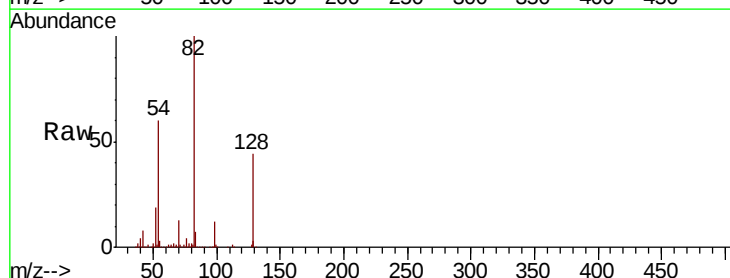
Delta R.T. 0.13 min

Lab File: BF114616.D

Acq: 25 May 2019 20:42

Tgt Ion: 70 Resp: 120121

Ion	Ratio	Lower	Upper
70	100		
42	58.6	58.6	87.8
101	0.0	7.8	11.8#
130	1.9	17.1	25.7#

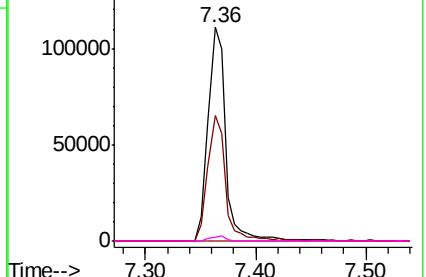
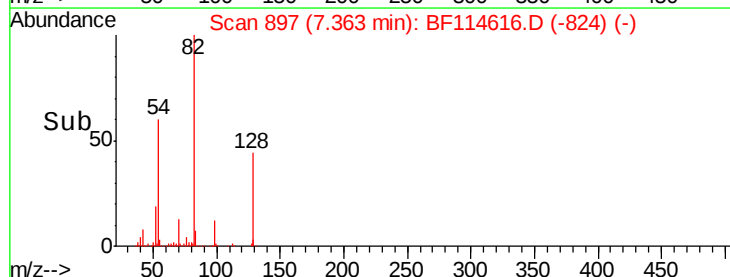


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

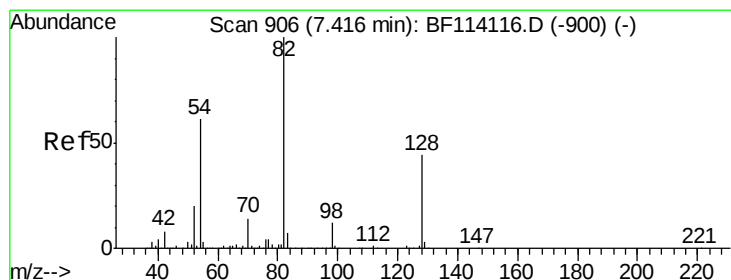
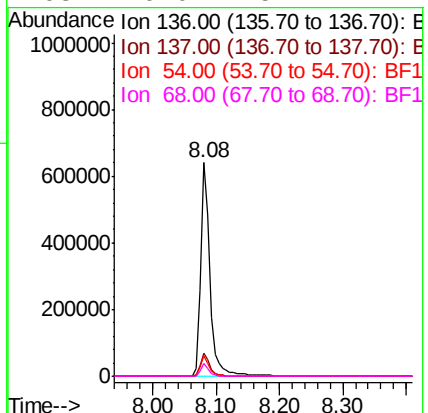
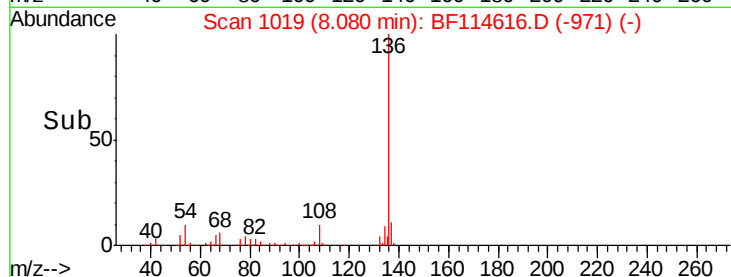
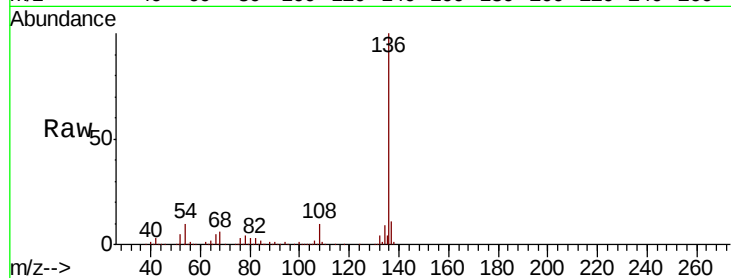




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114616.D
Acq: 25 May 2019 20:42

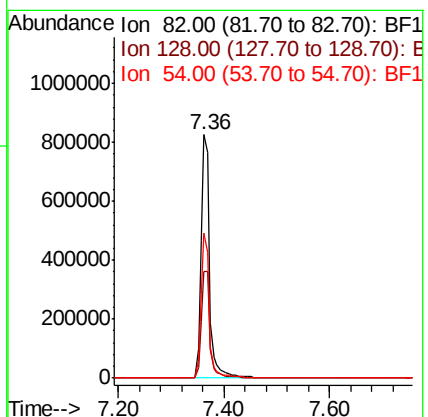
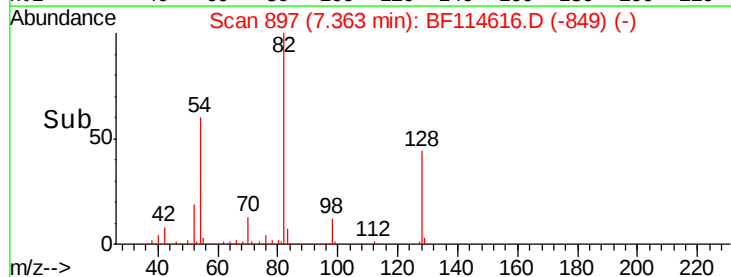
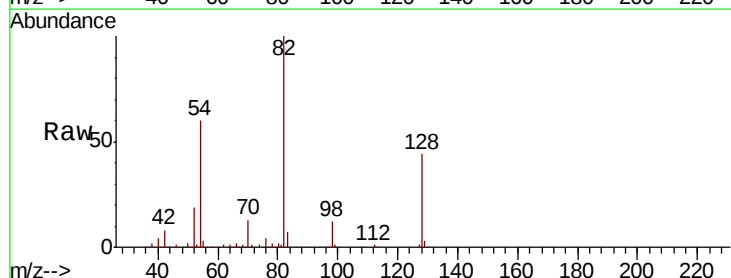
Instrument :
BNA_F
ClientSampleId :
PB119956BL

Tot Ion:136	Resp:	639524	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 9.7	7.8	11.8	
68 6.0	5.1	7.7	



#23
Nitrobenzene-d5
Concen: 81.441 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114616.D
Acq: 25 May 2019 20:42

Tgt	Ion: 82	Resp:	928074
Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.5	53.3
54	59.8	48.5	72.7

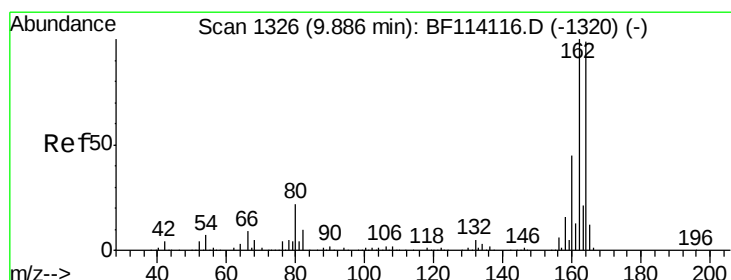
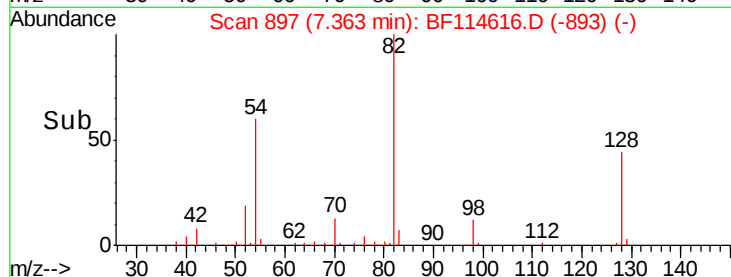
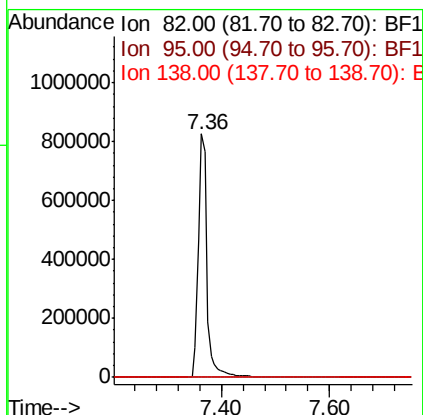
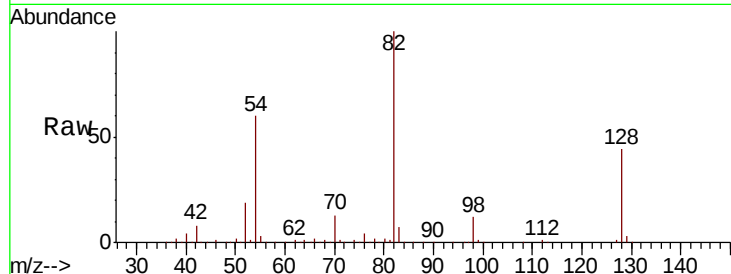




#25
Isophorone
Concen: 43.913 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.28 min
Lab File: BF114616.D
Acq: 25 May 2019 20:42

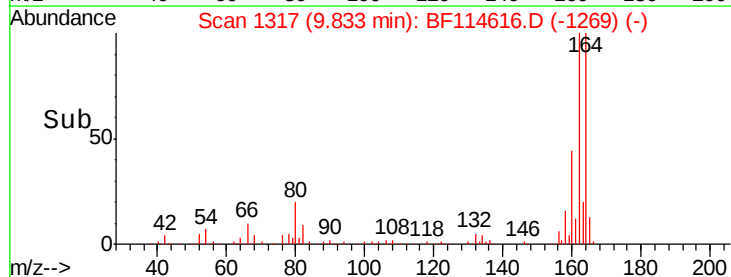
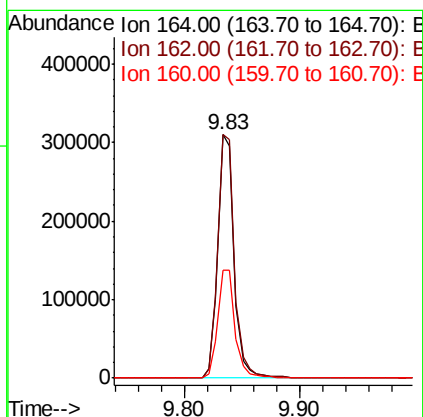
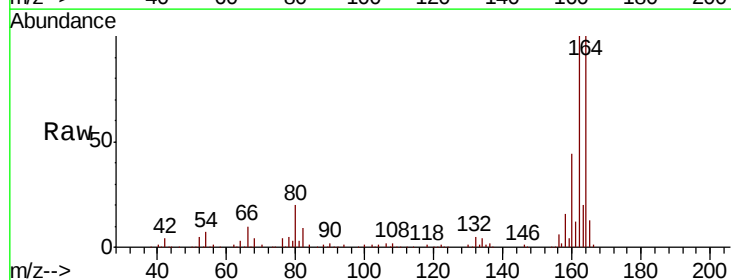
Instrument :
BNA_F
ClientSampleId :
PB119956BL

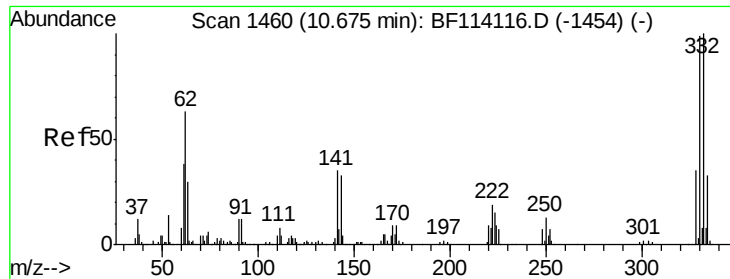
Tot Ion: 82 Resp: 928069
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF114616.D
Acq: 25 May 2019 20:42

Tgt Ion: 164 Resp: 304877
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 44.5 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 112.167 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114616.D

Acq: 25 May 2019 20:42

Instrument :

BNA_F

ClientSampleId :

PB119956BL

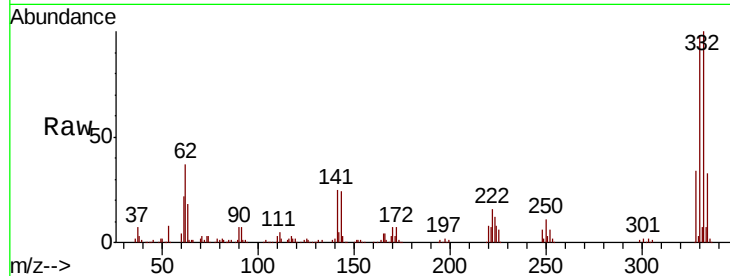
Tot Ion:330 Resp: 353541

Ion Ratio Lower Upper

330 100

332 103.4 81.4 122.2

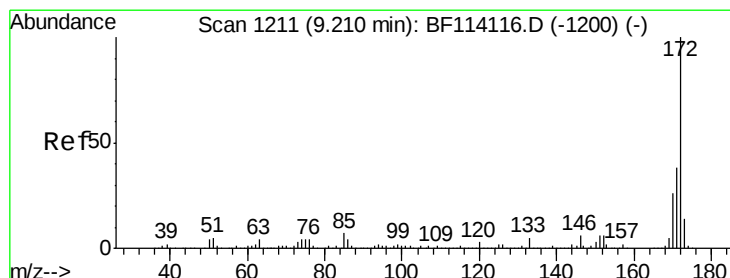
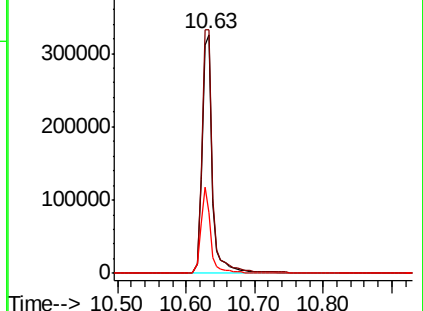
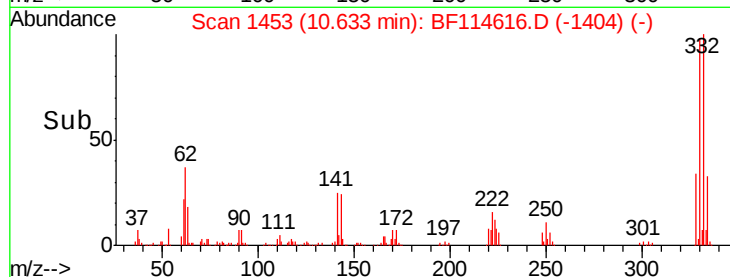
141 33.9 26.6 40.0



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: 83.516 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114616.D

Acq: 25 May 2019 20:42

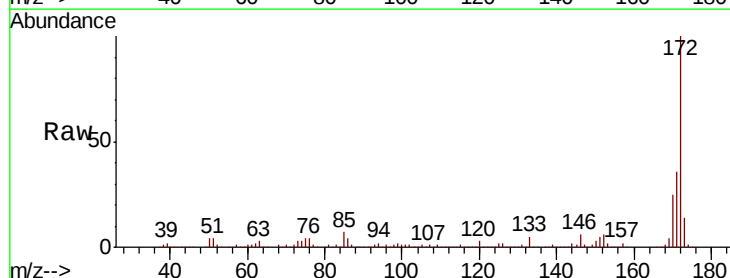
Tgt Ion:172 Resp: 1683270

Ion Ratio Lower Upper

172 100

171 36.1 30.7 46.1

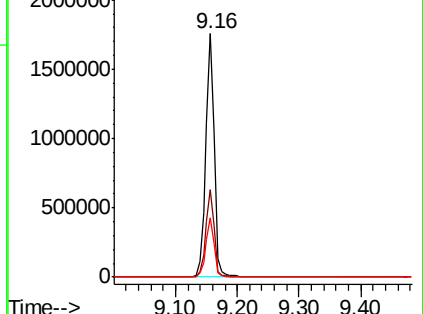
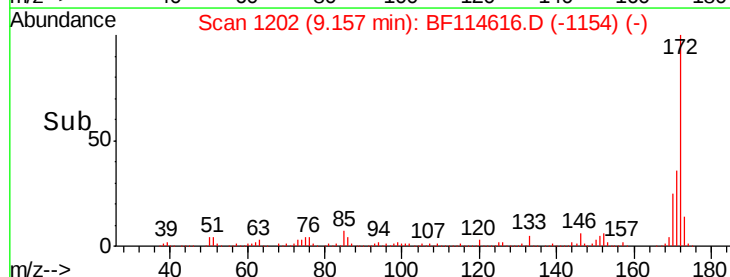
170 24.5 20.5 30.7

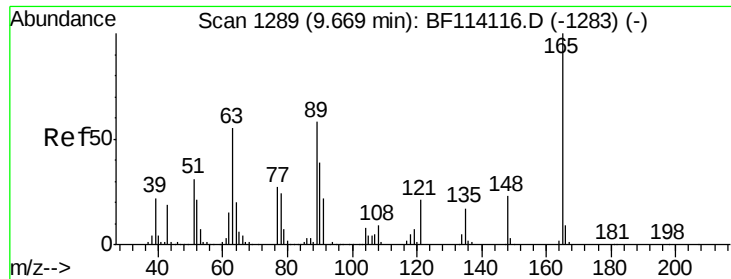


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

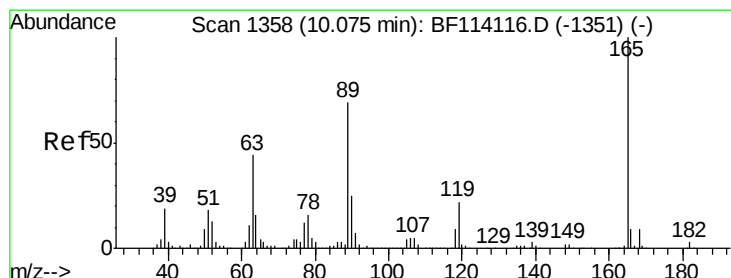
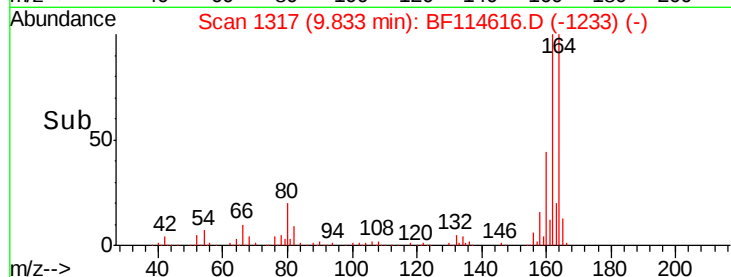
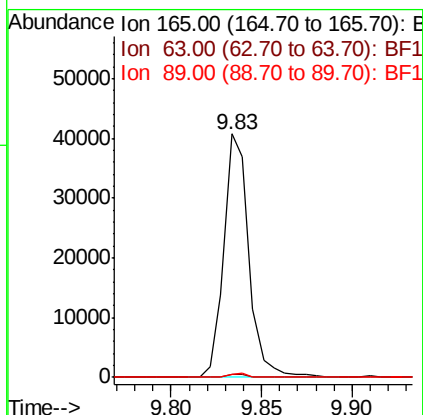
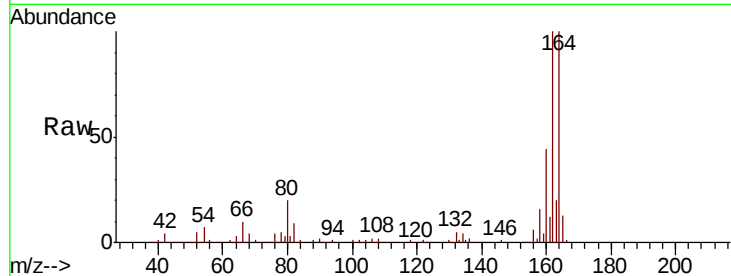




#51
 2,6-Dinitrotoluene
 Concen: 7.886 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114616.D
 Acq: 25 May 2019 20:42

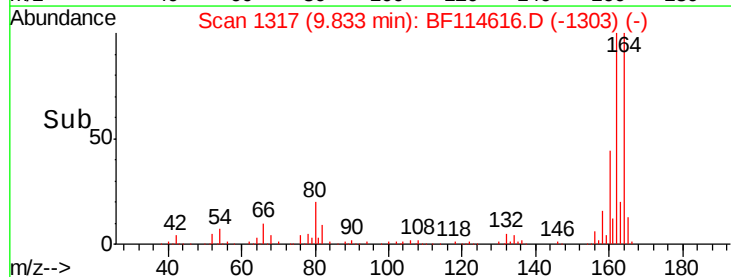
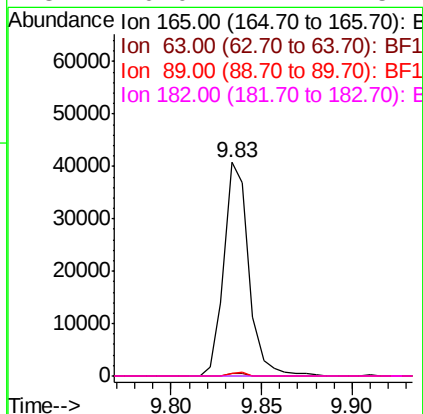
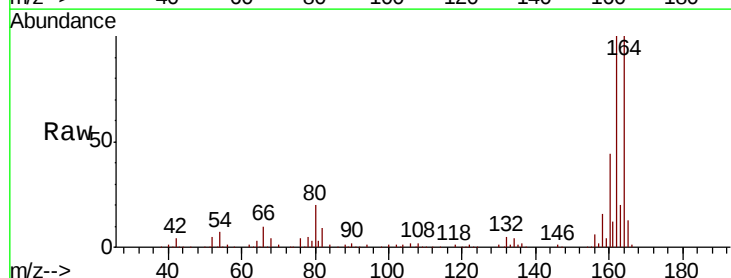
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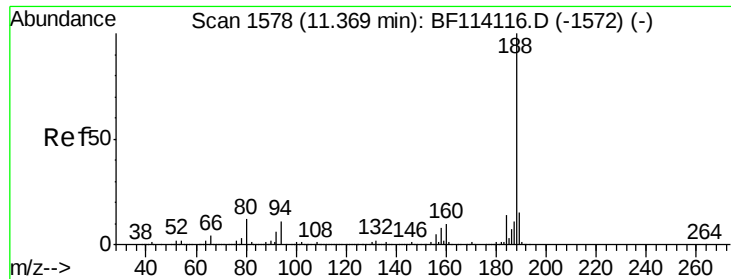
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.2	75.4#
89	1.1	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.810 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF114616.D
 Acq: 25 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.5	53.3#
89	1.1	55.2	82.8#
182	0.0	2.2	3.2#

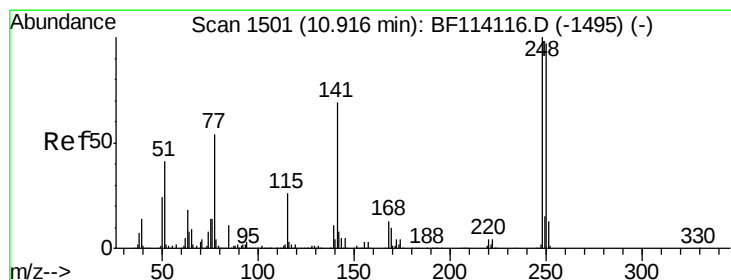
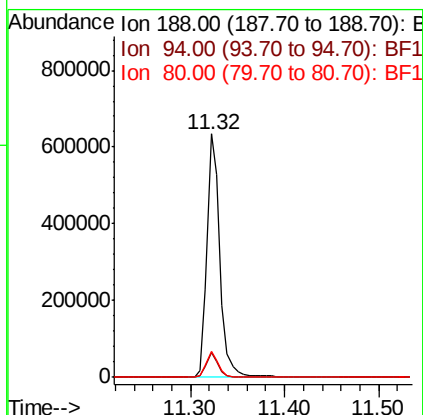
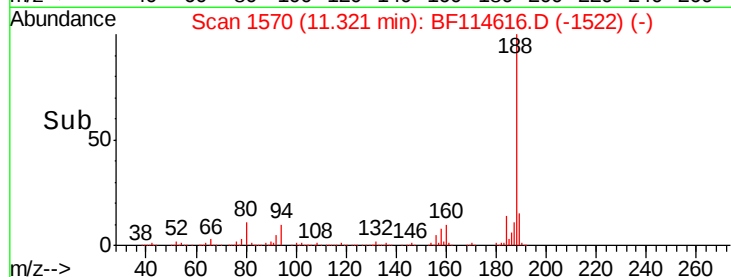
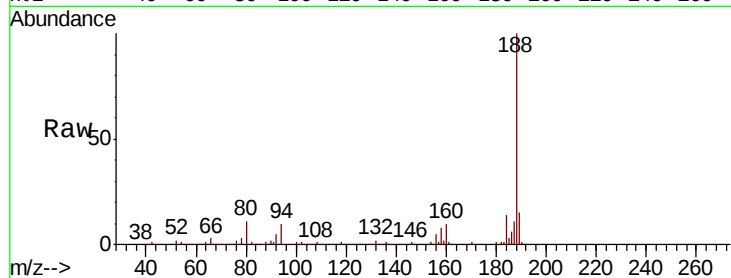




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF114616.D
Acq: 25 May 2019 20:42

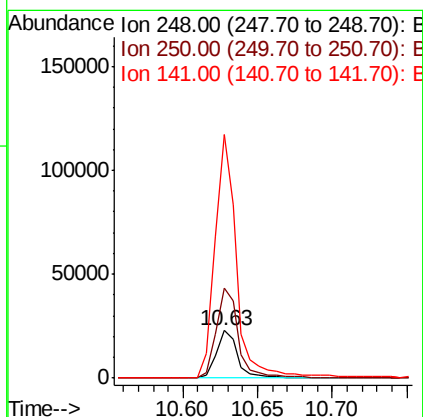
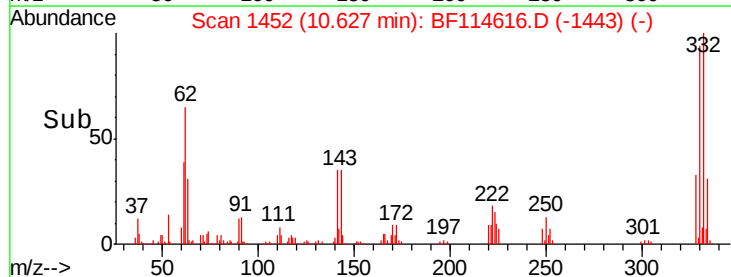
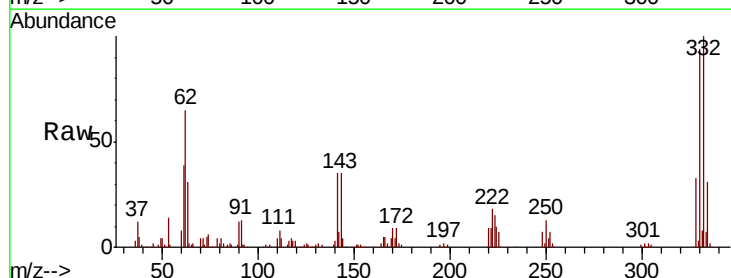
Instrument :
BNA_F
ClientSampleId :
PB119956BL

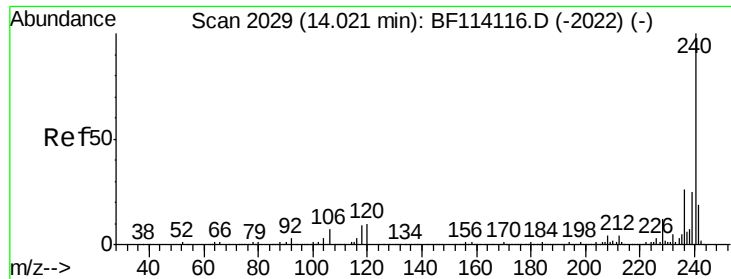
Tot Ion:188 Resp: 615760
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 10.8 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.346 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF114616.D
Acq: 25 May 2019 20:42

Tgt Ion:248 Resp: 22685
Ion Ratio Lower Upper
248 100
250 189.1 77.4 116.2#
141 512.0 55.6 83.4#

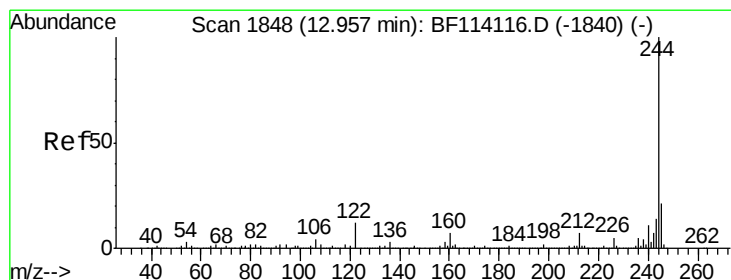
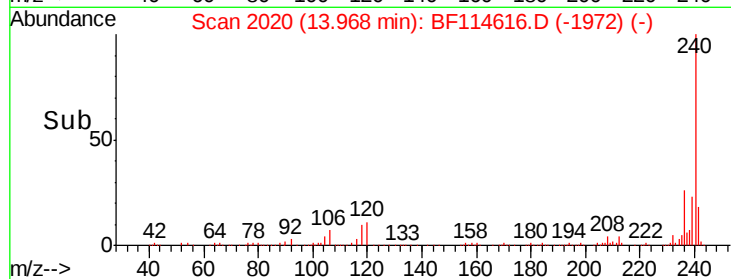
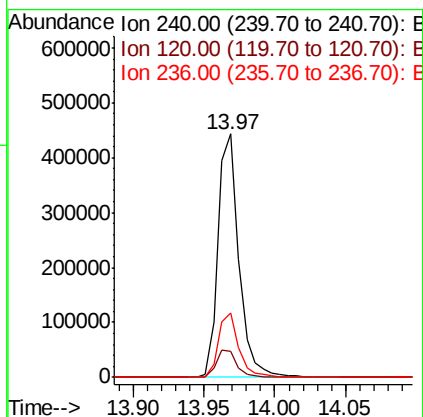
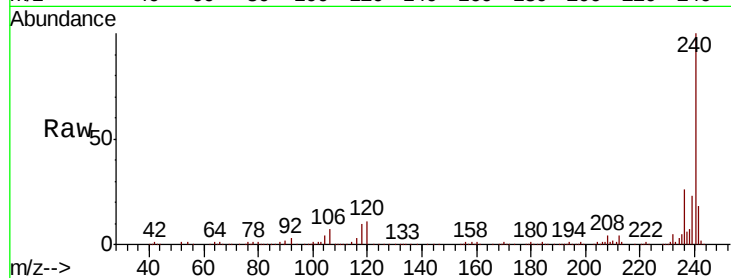




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114616.D
 Acq: 25 May 2019 20:42

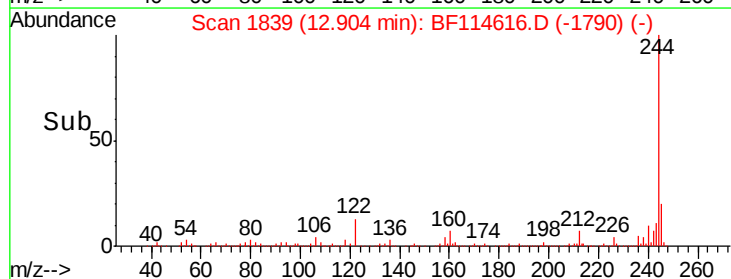
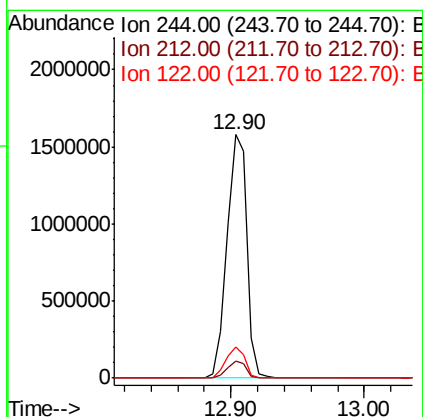
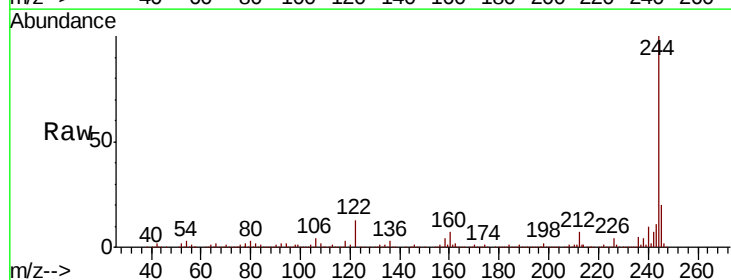
Instrument :
 BNA_F
 ClientSampleId :
 PB119956BL

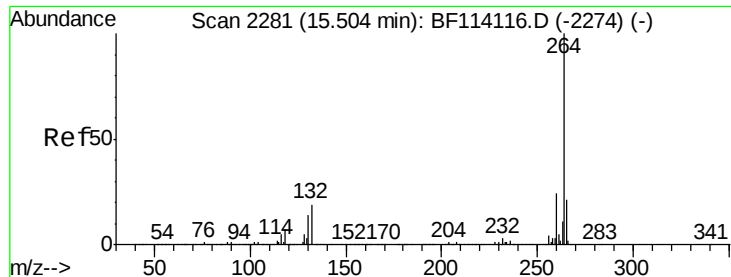
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	26.2	20.8	31.2



#79
 Terphenyl-d14
 Concen: 74.963 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF114616.D
 Acq: 25 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	13.0	9.4	14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114616.D
Acq: 25 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
PB119956BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.0
265	20.9	16.9	25.3

