

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114593.D
 Acq On : 25 May 2019 1:48
 Operator : JU/SJ
 Sample : K2643-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-052319-B

Quant Time: May 26 23:04:27 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	6.81	152	147460	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	559730	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	270783	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	561555	20.00	ng	0.00
76) Chrysene-d12	13.98	240	396307	20.00	ng	0.00
87) Perylene-d12	15.44	264	387767	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1042664	113.79	ng	0.01
7) Phenol-d6	6.46	99	1247657	115.12	ng	0.00
23) Nitrobenzene-d5	7.37	82	875858	87.82	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	365691	130.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1600547	89.41	ng	0.00
79) Terphenyl-d14	12.92	244	1768571	91.99	ng	0.00

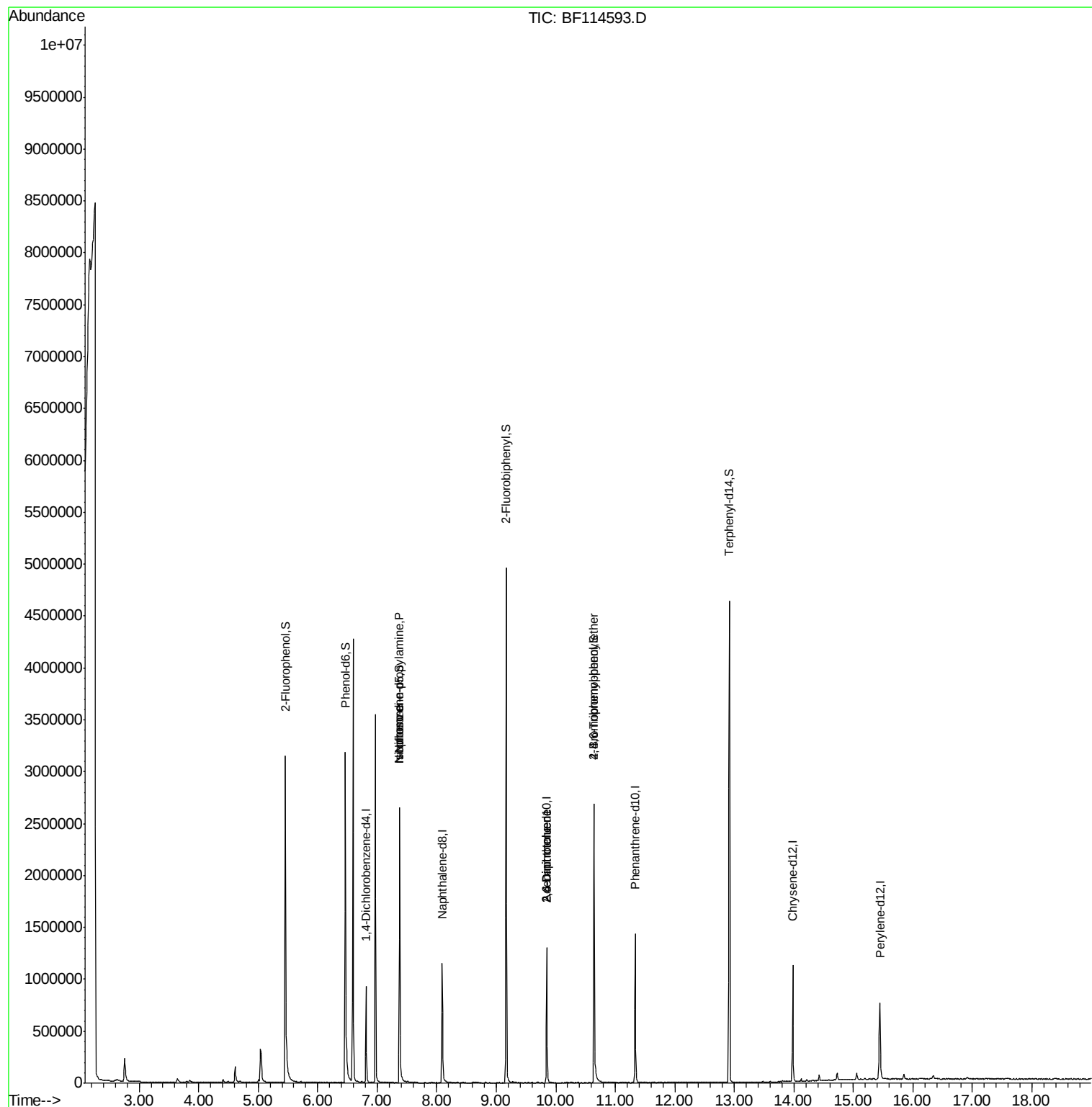
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	114243	16.631	ng	# 76
25) Isophorone	7.37	82	875850	47.350	ng	# 64
51) 2,6-Dinitrotoluene	9.85	165	34083	7.730	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	34083	5.695	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	24091	3.896	ng	# 1

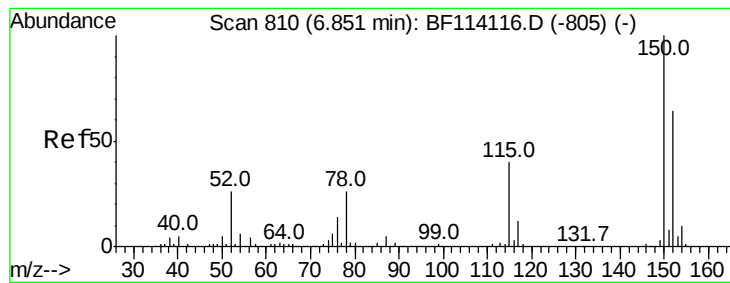
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



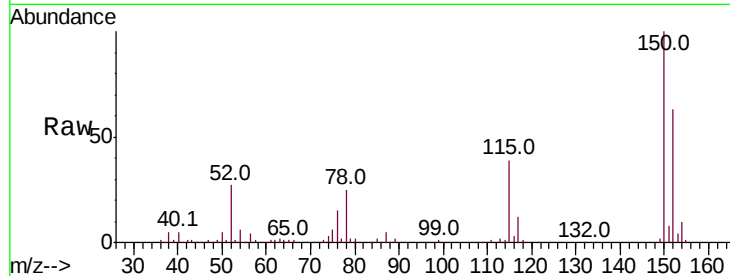


#1

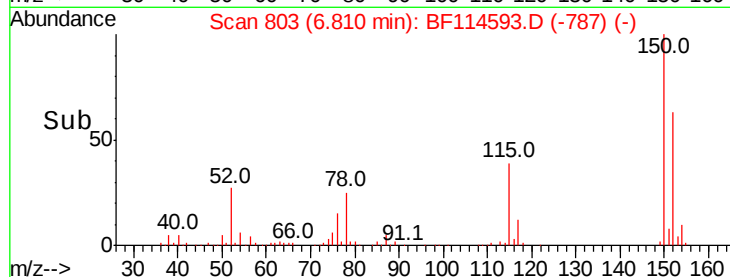
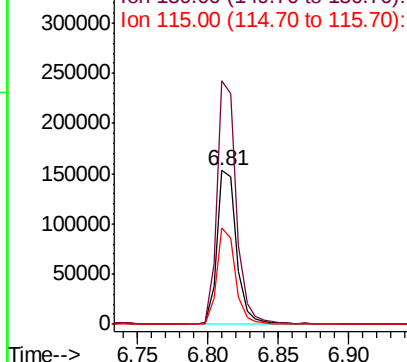
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114593.D
Acq: 25 May 2019 1:48

Instrument :
BNA_F
ClientSampleId :
OR-03-052319-B

Tot Ion:152 Resp: 147460
Ion Ratio Lower Upper
152 100
150 158.5 124.3 186.5
115 62.5 49.1 73.7



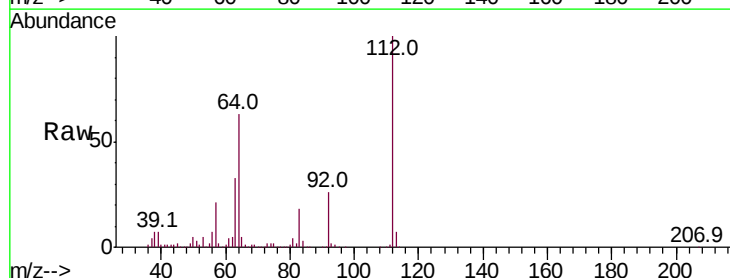
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



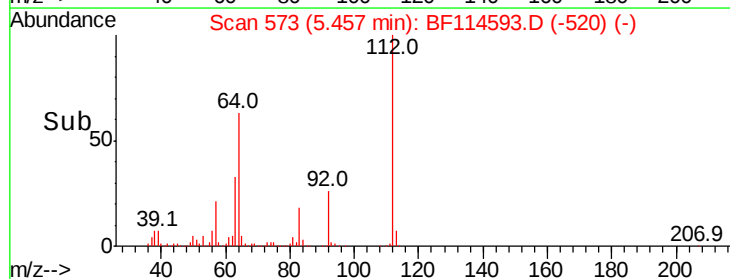
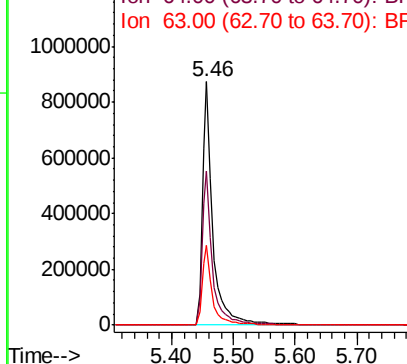
#5

2-Fluorophenol
Concen: 113.788 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114593.D
Acq: 25 May 2019 1:48

Tgt Ion:112 Resp: 1042664
Ion Ratio Lower Upper
112 100
64 63.3 49.0 73.6
63 32.9 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: 115.123 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114593.D

Acq: 25 May 2019 1:48

Instrument :

BNA_F

ClientSampleId :

OR-03-052319-B

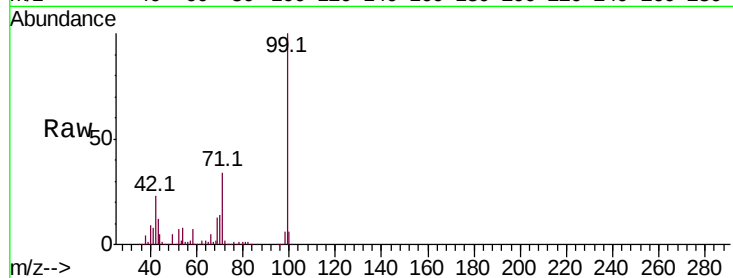
Tot Ion: 99 Resp: 1247657

Ion Ratio Lower Upper

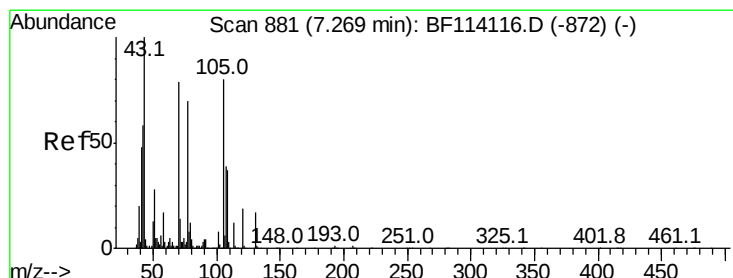
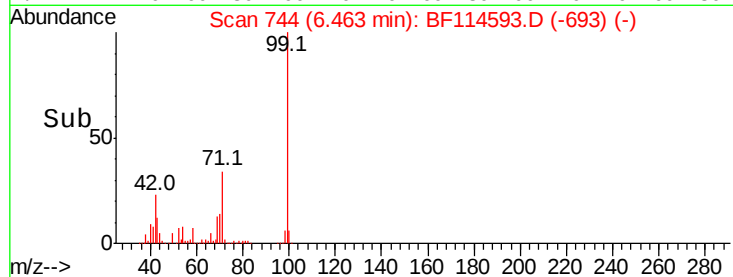
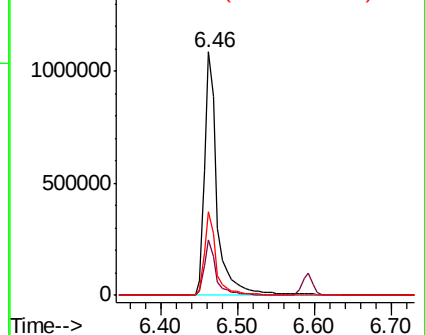
99 100

42 22.6 17.9 26.9

71 34.3 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: 16.631 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114593.D

Acq: 25 May 2019 1:48

Tgt Ion: 70 Resp: 114243

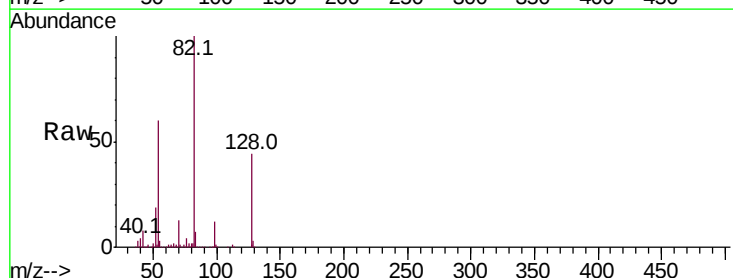
Ion Ratio Lower Upper

70 100

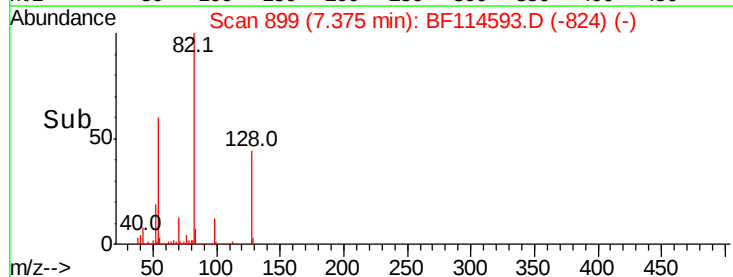
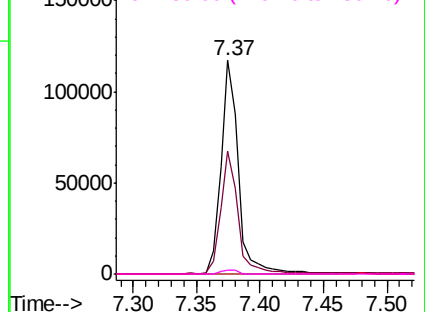
42 57.3 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 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

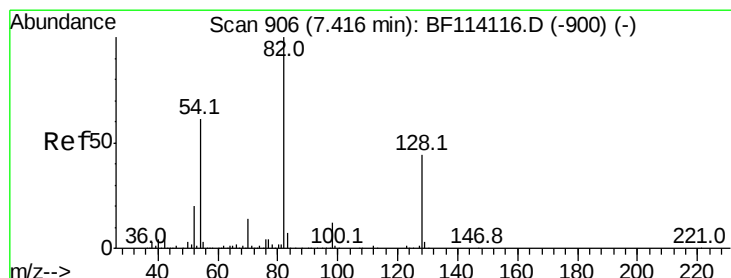
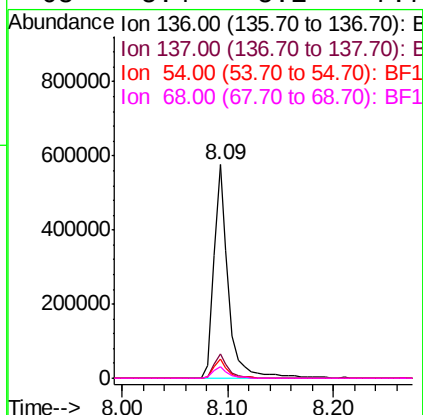
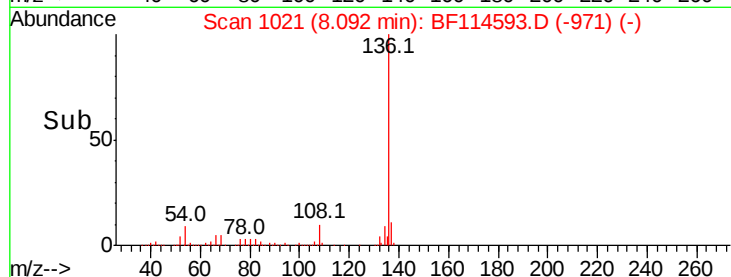
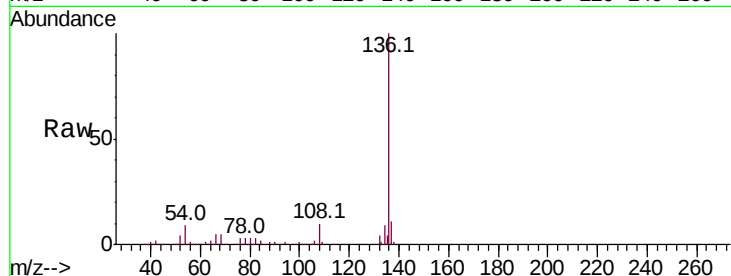




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114593.D
Acq: 25 May 2019 1:48

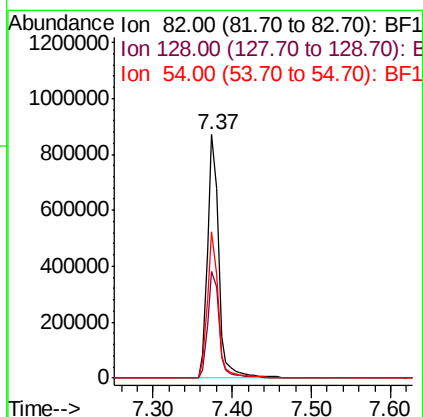
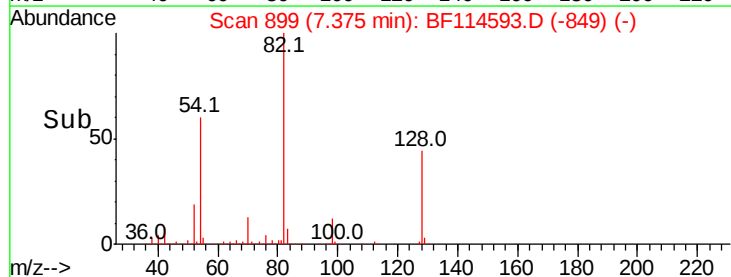
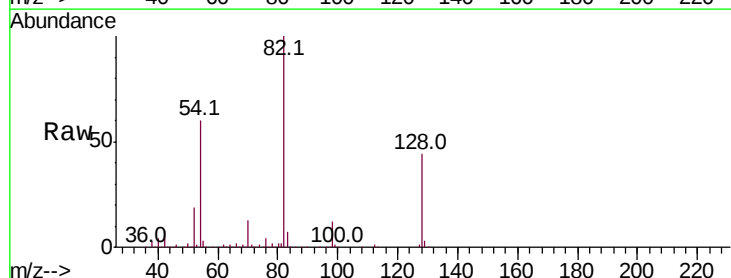
Instrument :
BNA_F
ClientSampleId :
OR-03-052319-B

Tot Ion:136	Resp:	559730
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.8	7.8 11.8
68	5.4	5.1 7.7



#23
Nitrobenzene-d5
Concen: 87.816 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114593.D
Acq: 25 May 2019 1:48

Tgt Ion: 82	Resp:	875858
Ion Ratio	Lower	Upper
82	100	
128	44.0	35.5 53.3
54	60.2	48.5 72.7





#25

Isophorone

Concen: 47.350 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114593.D

Acq: 25 May 2019 1:48

Instrument :

BNA_F

ClientSampleId :

OR-03-052319-B

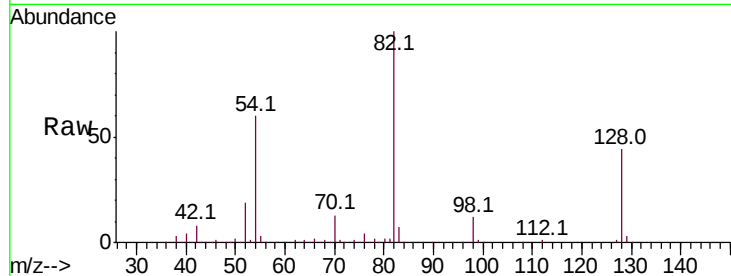
Tot Ion: 82 Resp: 875850

Ion Ratio Lower Upper

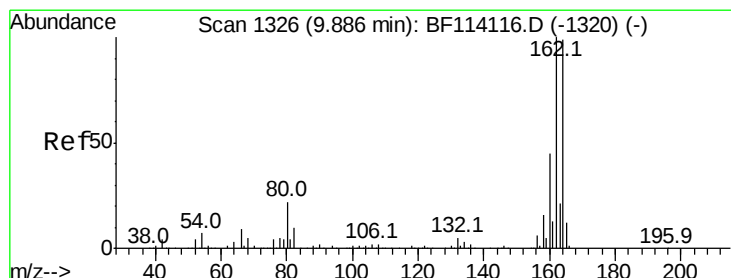
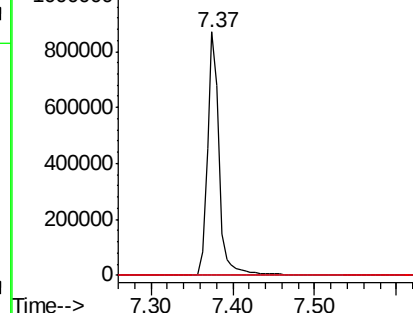
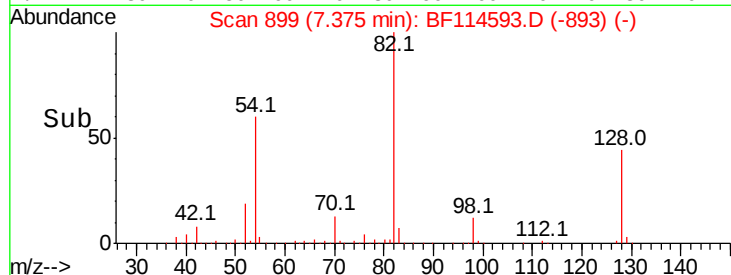
82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF114593.D

Acq: 25 May 2019 1:48

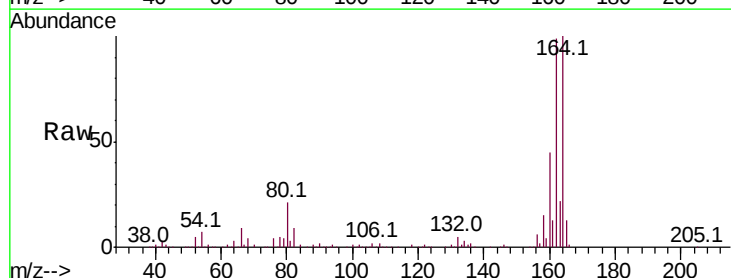
Tgt Ion:164 Resp: 270783

Ion Ratio Lower Upper

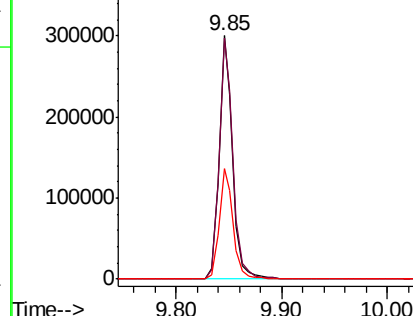
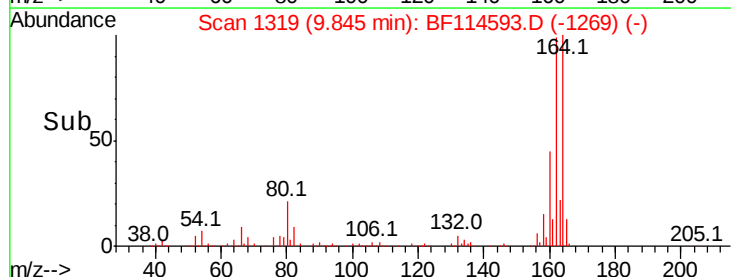
164 100

162 99.1 80.6 120.8

160 45.4 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

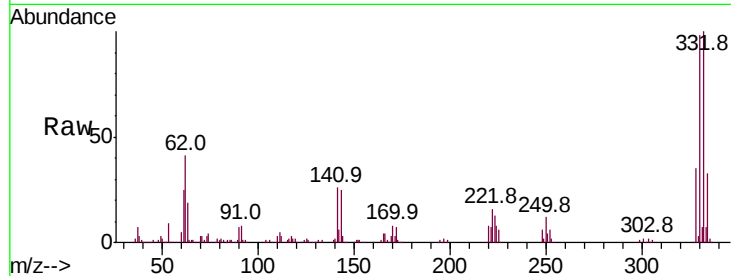




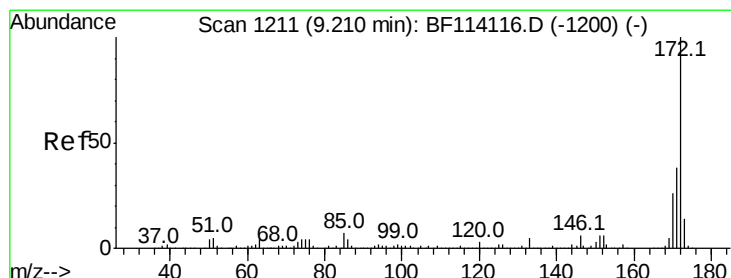
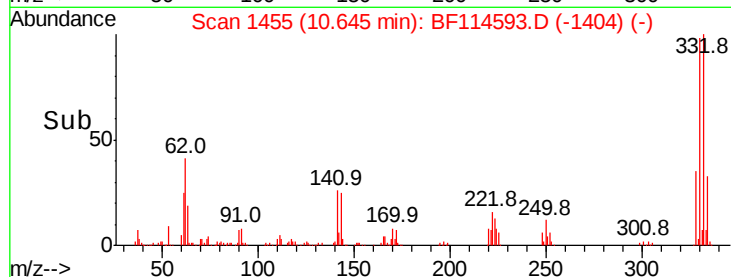
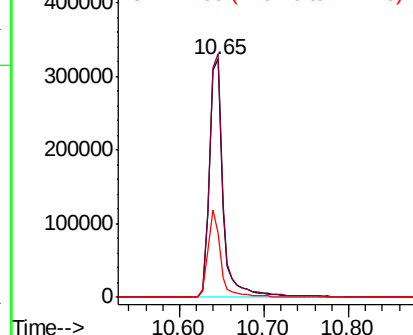
#42
 2,4,6-Tribromophenol
 Concen: 130.630 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114593.D
 Acq: 25 May 2019 1:48

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-052319-B

Tot Ion:330 Resp: 365691
 Ion Ratio Lower Upper
 330 100
 332 102.8 81.4 122.2
 141 34.2 26.6 40.0

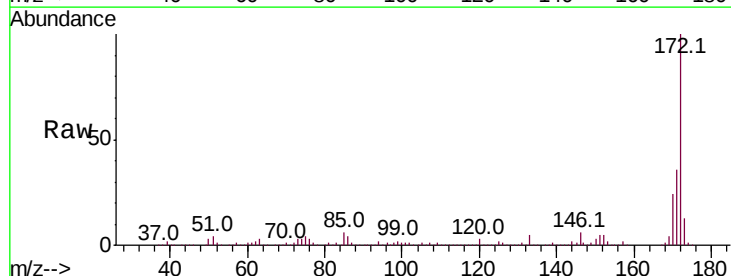


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

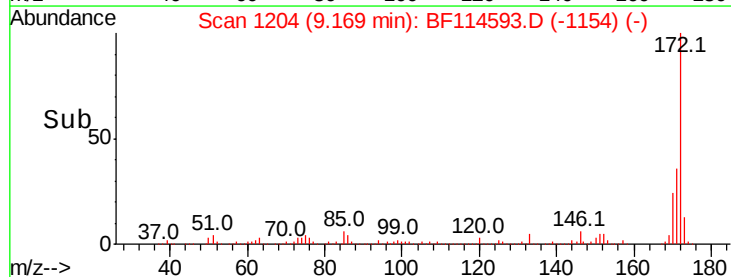
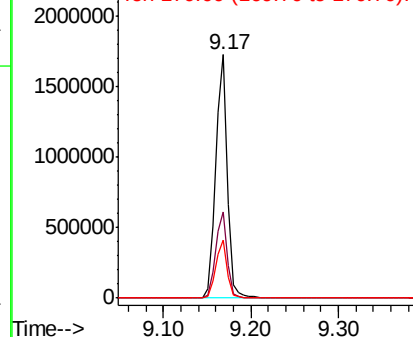


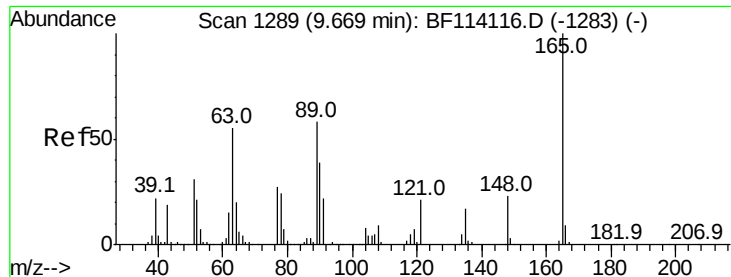
#45
 2-Fluorobiphenyl
 Concen: 89.411 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114593.D
 Acq: 25 May 2019 1:48

Tgt Ion:172 Resp: 1600547
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.7 46.1
 170 23.7 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

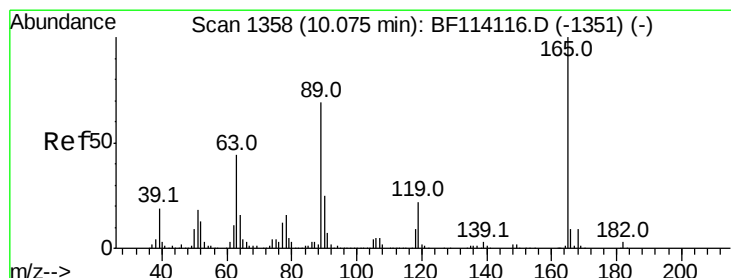
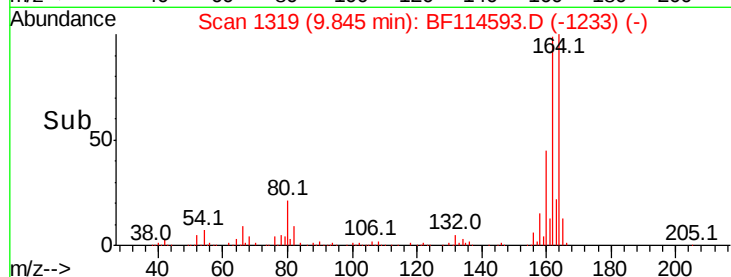
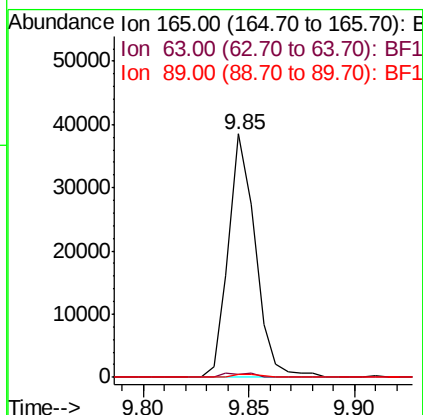
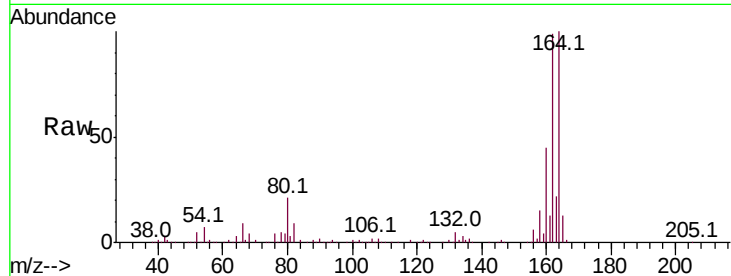




#51
 2,6-Dinitrotoluene
 Concen: 7.730 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF114593.D
 Acq: 25 May 2019 1:48

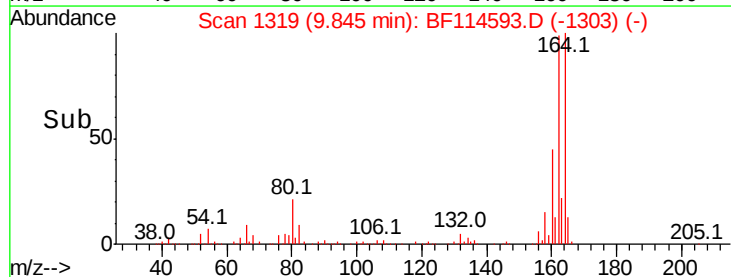
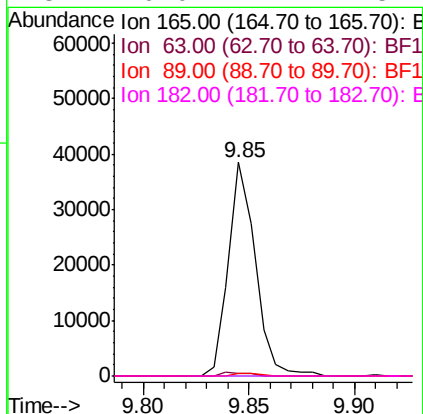
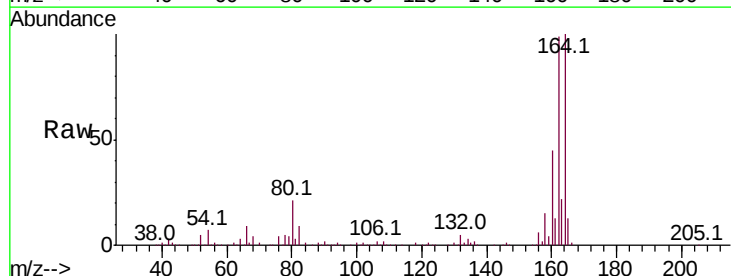
Instrument :
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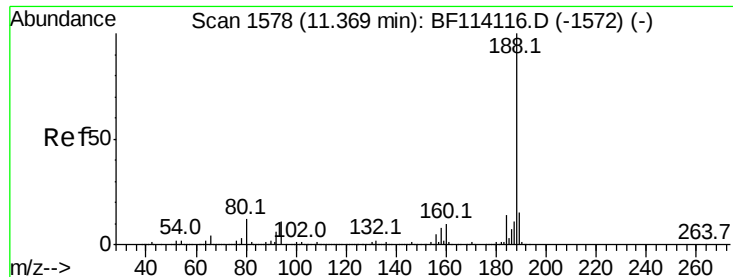
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	50.2	75.4#
89	1.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.695 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF114593.D
 Acq: 25 May 2019 1:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.5	53.3#
89	1.0	55.2	82.8#
182	0.0	2.2	3.2#

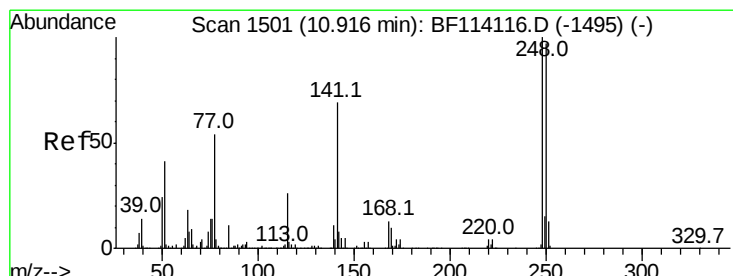
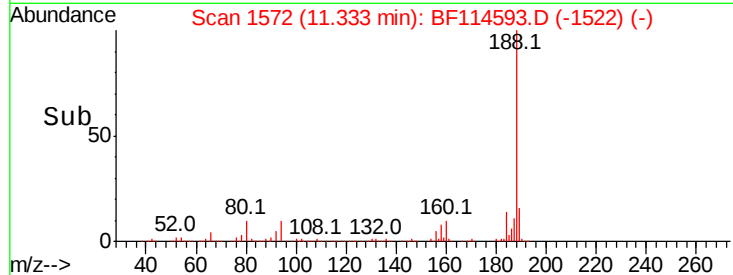
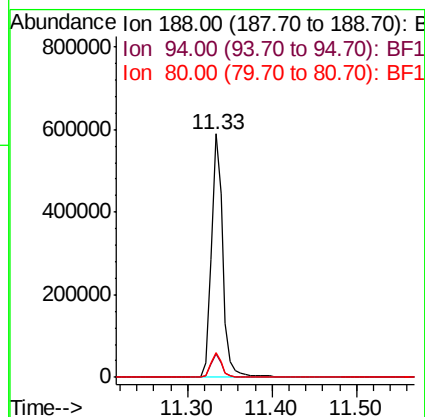
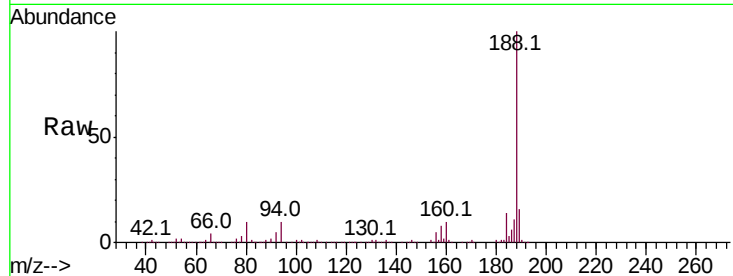




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114593.D
Acq: 25 May 2019 1:48

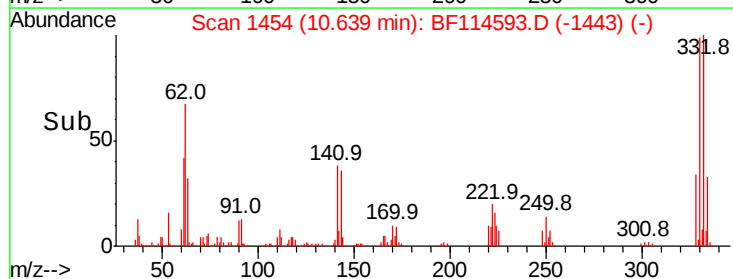
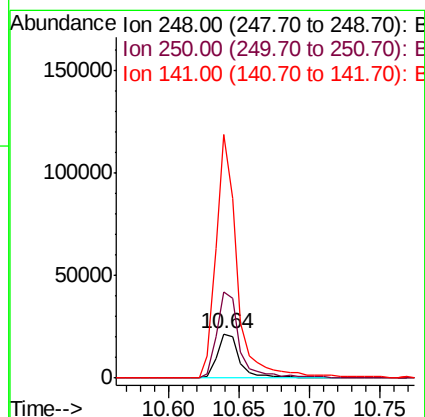
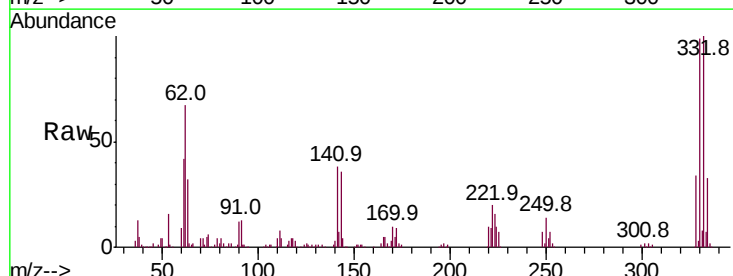
Instrument :
BNA_F
ClientSampleId :
OR-03-052319-B

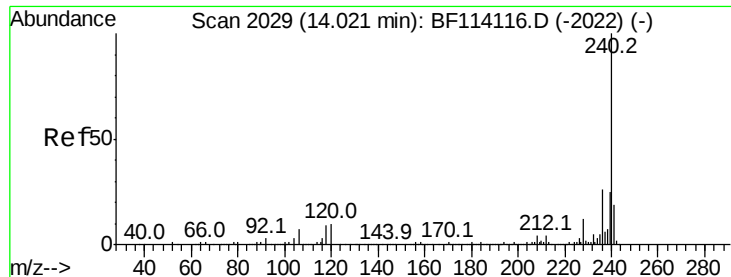
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.4	12.6
80	10.2	9.2	13.8



#67
4-Bromophenyl-phenylether
Concen: 3.896 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF114593.D
Acq: 25 May 2019 1:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.9	77.4	116.2#
141	551.5	55.6	83.4#

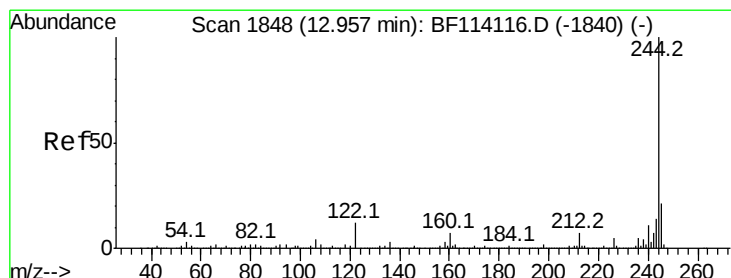
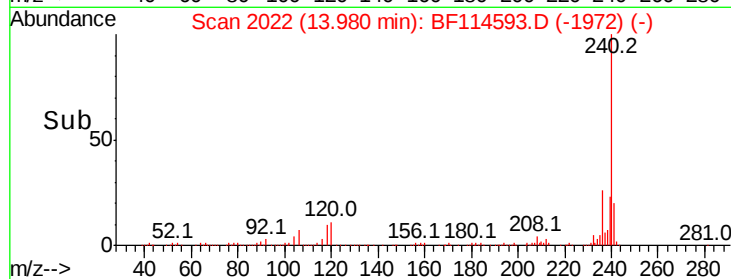
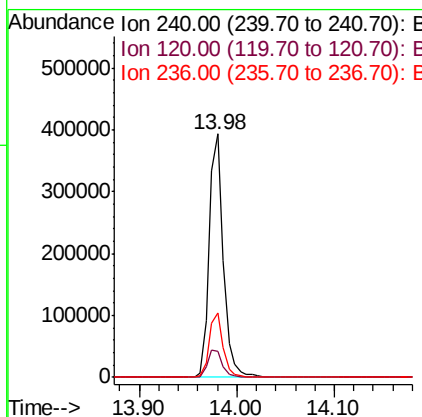
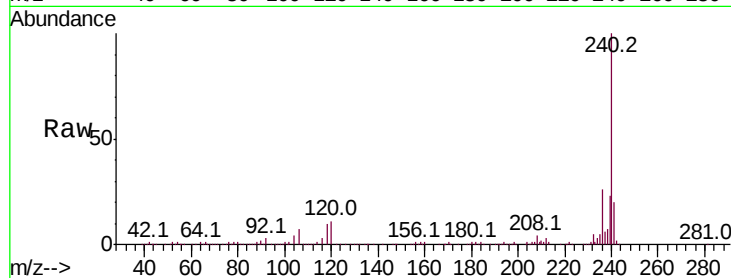




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114593.D
 Acq: 25 May 2019 1:48

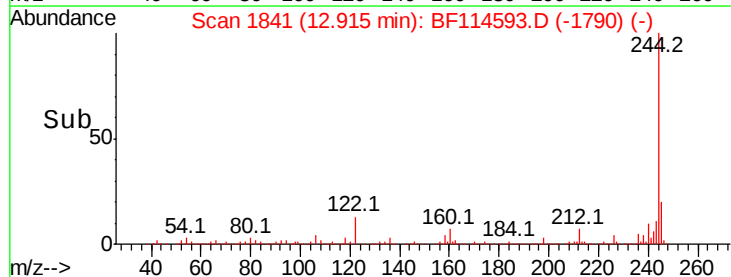
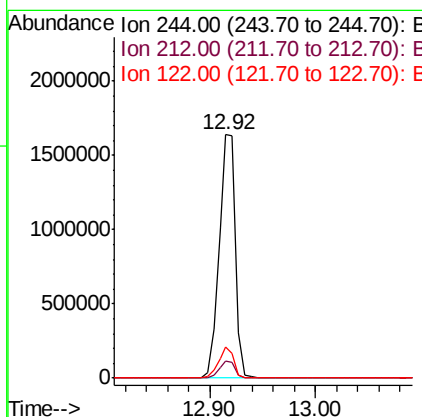
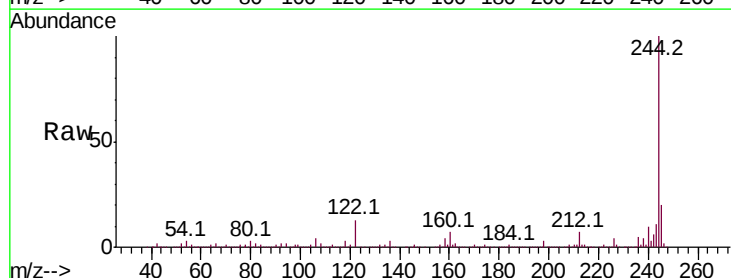
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-052319-B

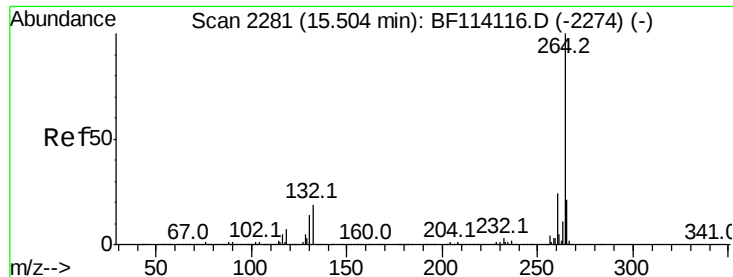
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	26.3	20.8	31.2



#79
 Terphenyl-d14
 Concen: 91.994 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114593.D
 Acq: 25 May 2019 1:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.0	9.4	14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF114593.D
Acq: 25 May 2019 1:48

Instrument :
BNA_F
ClientSampleId :
OR-03-052319-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	20.8	16.9	25.3

