

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114425.D
 Acq On : 19 May 2019 7:35
 Operator : JU/SJ
 Sample : PB119867BL
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:16:52 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

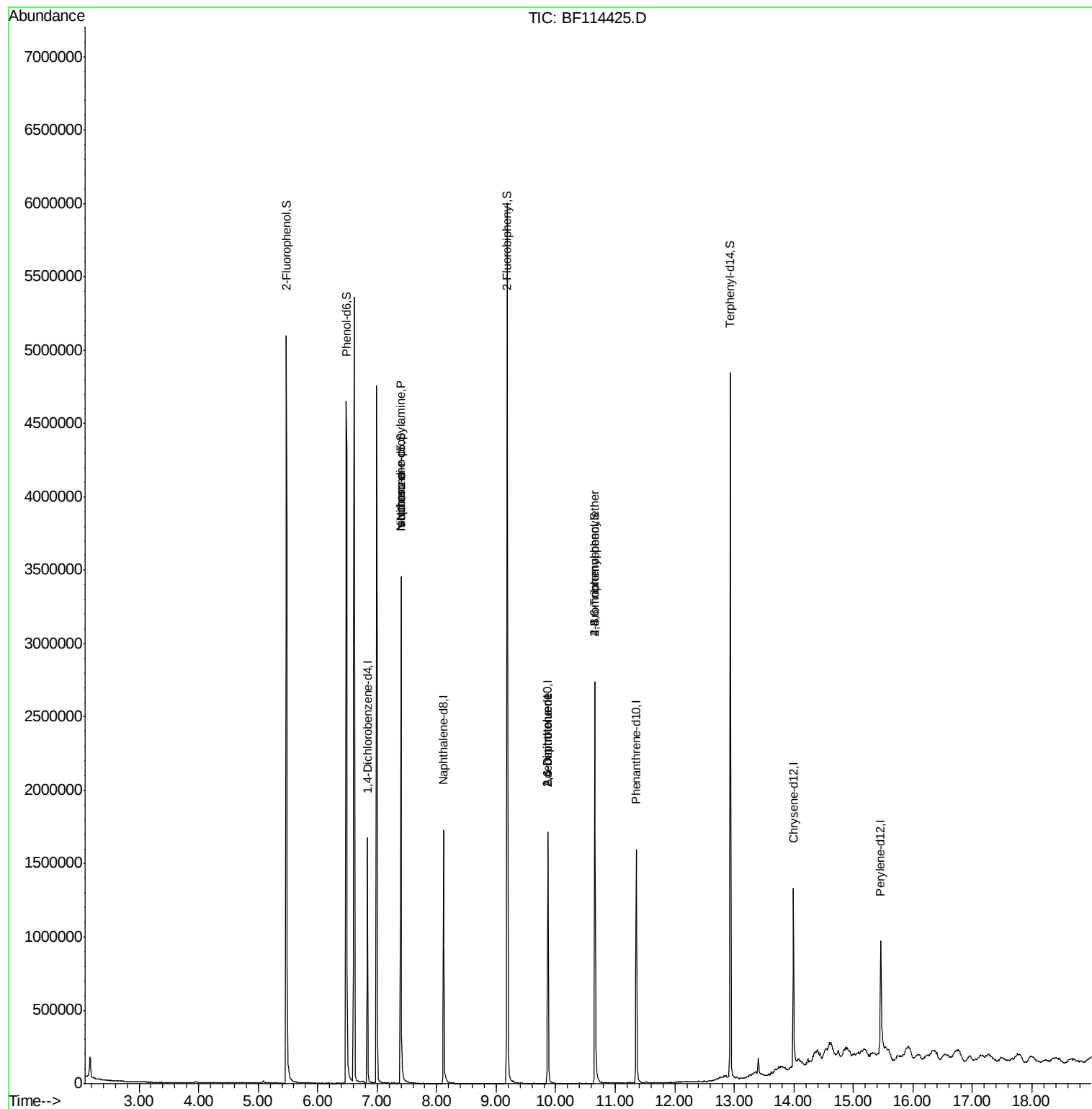
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	235005	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	871987	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	384430	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	676290	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	444961	20.00	ng	-0.03
87) Perylene-d12	15.46	264	433114	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1466670	100.43	ng	0.00
7) Phenol-d6	6.48	99	1910927	110.64	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1177573	75.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	359489	90.45	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2066650	81.32	ng	-0.02
79) Terphenyl-d14	12.93	244	1648147	76.36	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	155437	14.198	ng	# 74
25) Isophorone	7.40	82	1177565	40.864	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	49441	7.899	ng	# 22
57) 2,4-Dinitrotoluene	9.87	165	49441	5.819	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	23350	3.136	ng	# 1

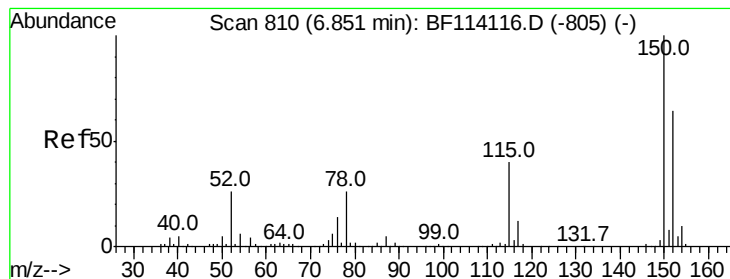
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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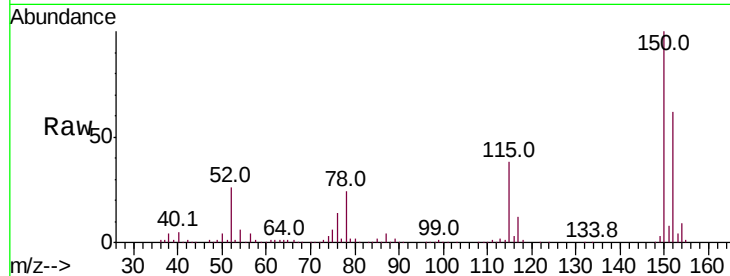


#1

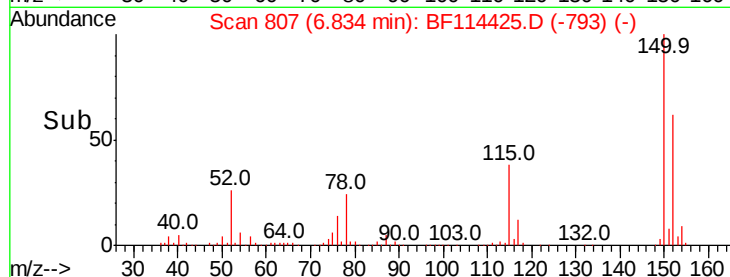
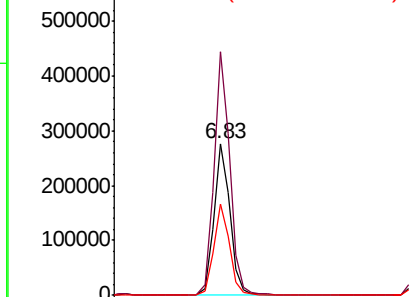
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114425.D
Acq: 19 May 2019 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.3	186.5
115	60.6	49.1	73.7



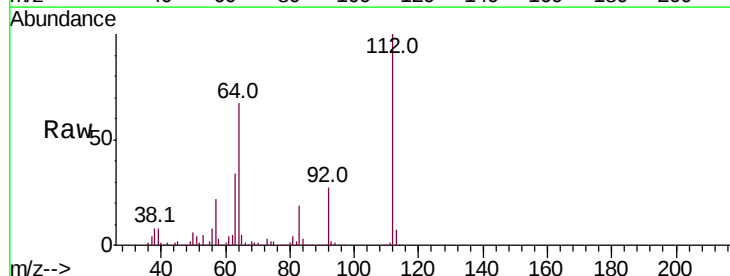
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



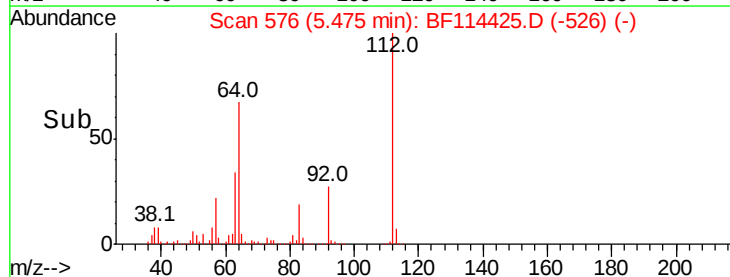
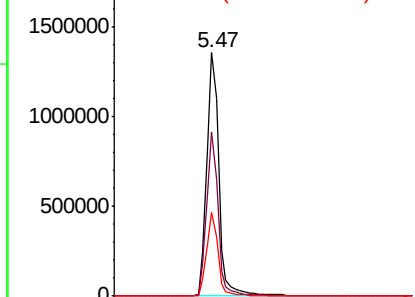
#5

2-Fluorophenol
Concen: 100.434 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114425.D
Acq: 19 May 2019 7:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	49.0	73.6
63	34.1	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: 110.639 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114425.D

Acq: 19 May 2019 7:35

Instrument :

BNA_F

ClientSampleId :

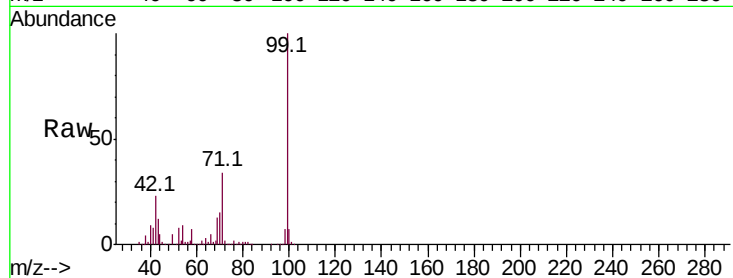
Tot Ion: 99 Resp: 1910927

Ion Ratio Lower Upper

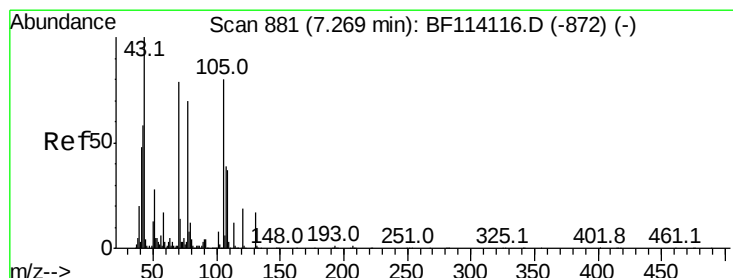
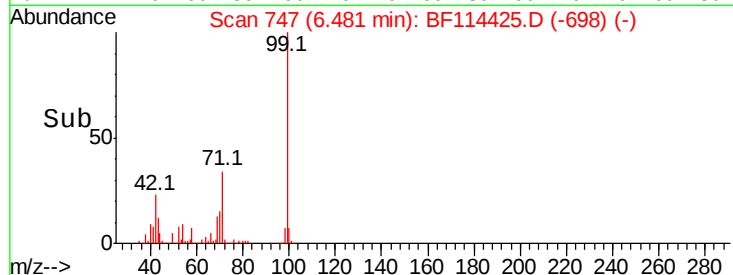
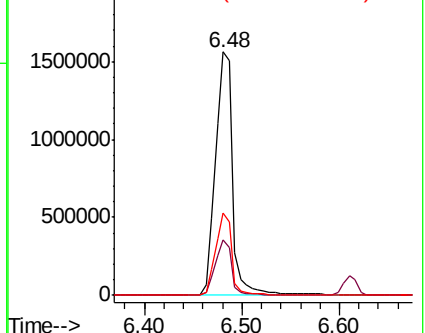
99 100

42 22.9 17.9 26.9

71 33.6 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: 14.198 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114425.D

Acq: 19 May 2019 7:35

Tgt Ion: 70 Resp: 155437

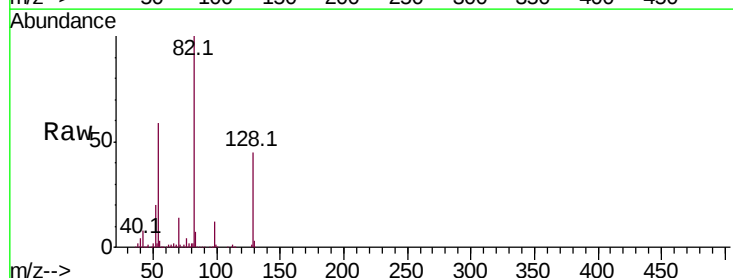
Ion Ratio Lower Upper

70 100

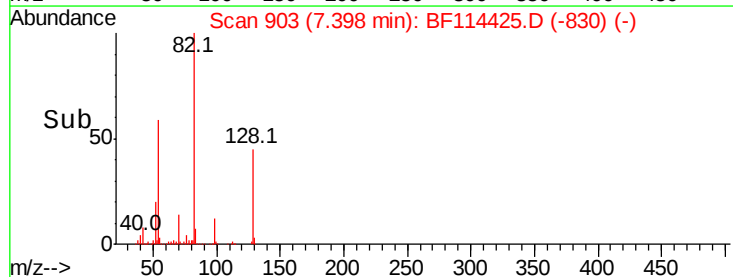
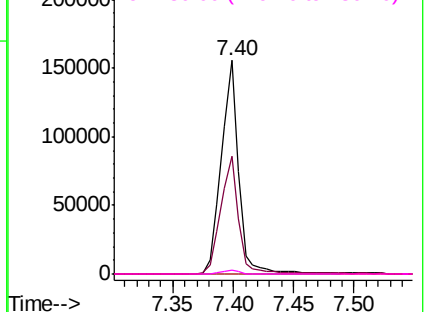
42 55.3 58.6 87.8#

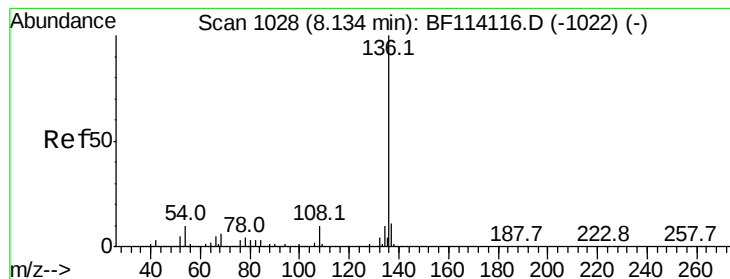
101 0.0 7.8 11.8#

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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114425.D

Acq: 19 May 2019 7:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 871987

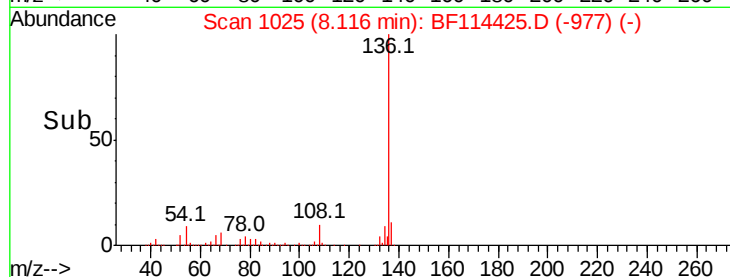
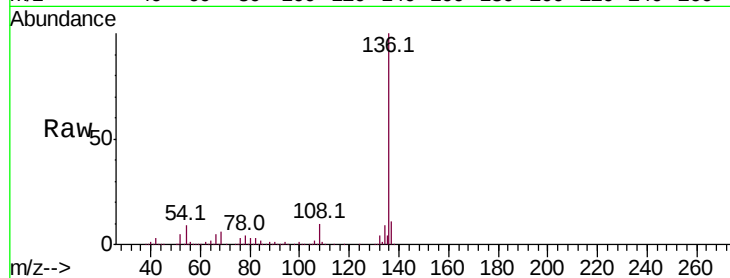
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.1 7.8 11.8

68 6.0 5.1 7.7

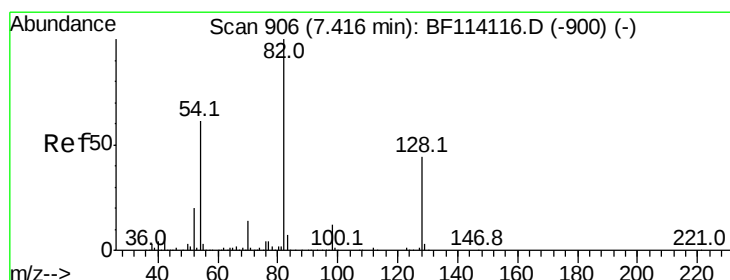
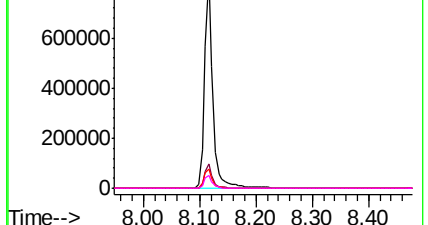


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.787 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF114425.D

Acq: 19 May 2019 7:35

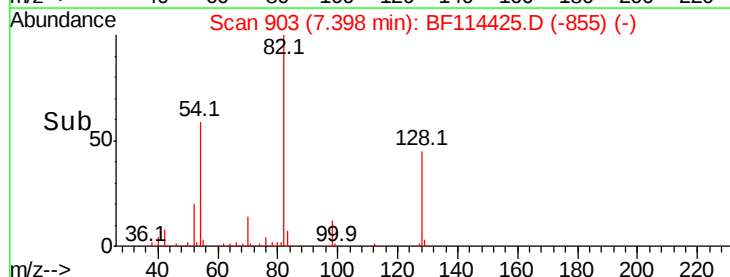
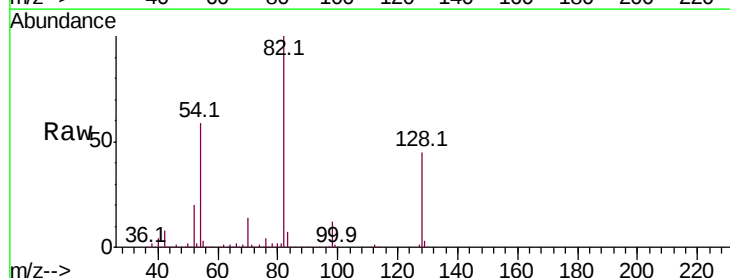
Tgt Ion: 82 Resp: 1177573

Ion Ratio Lower Upper

82 100

128 45.2 35.5 53.3

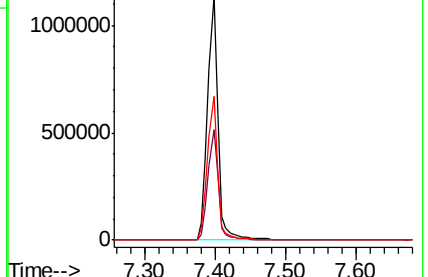
54 59.0 48.5 72.7



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: 40.864 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114425.D

Acq: 19 May 2019 7:35

Instrument :

BNA_F

ClientSampleId :

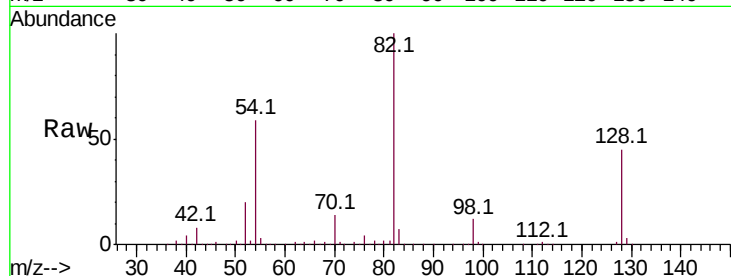
Tot Ion: 82 Resp: 1177565

Ion Ratio Lower Upper

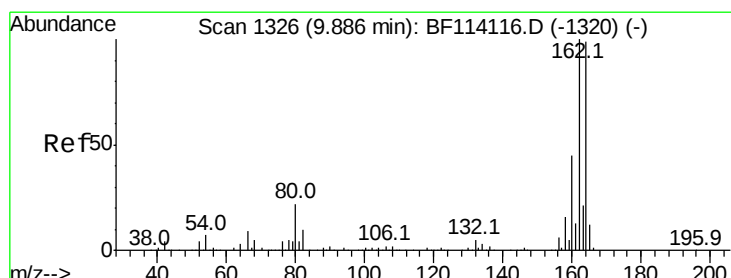
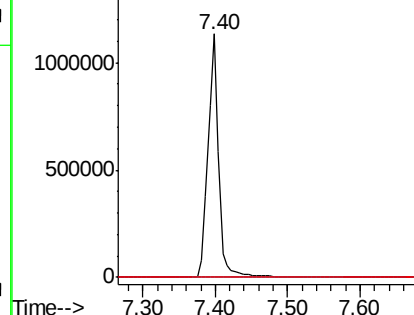
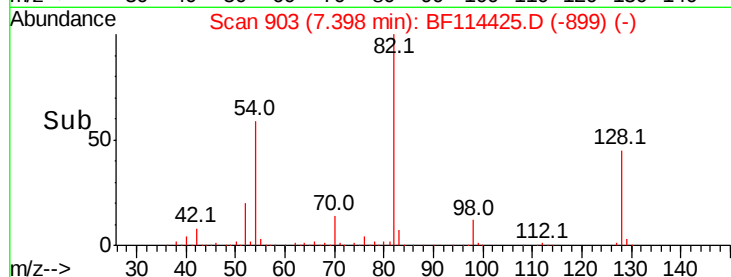
82 100

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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114425.D

Acq: 19 May 2019 7:35

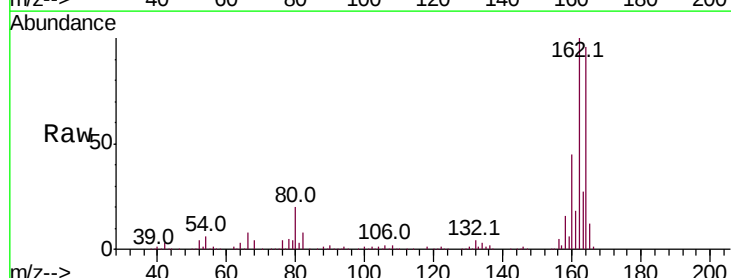
Tgt Ion:164 Resp: 384430

Ion Ratio Lower Upper

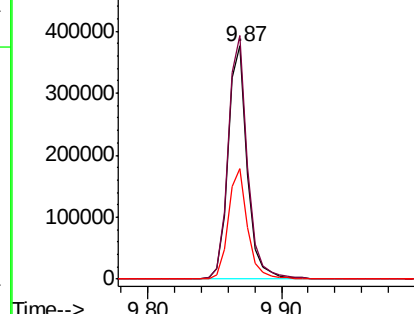
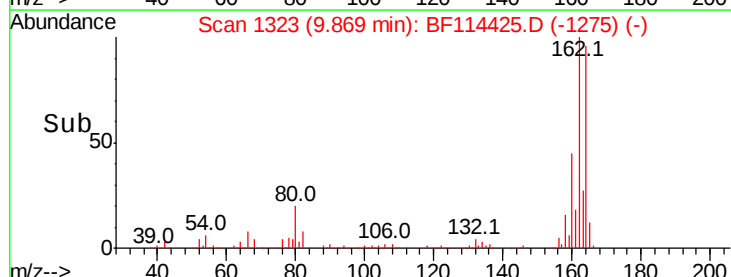
164 100

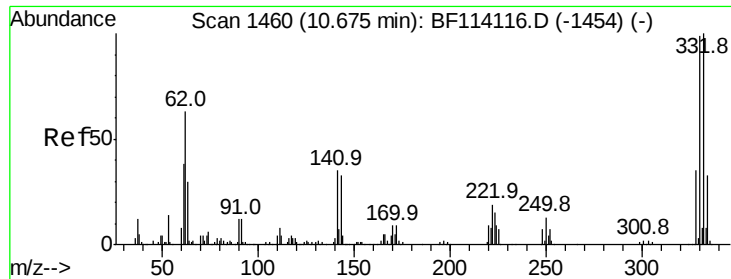
162 104.4 80.6 120.8

160 47.3 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

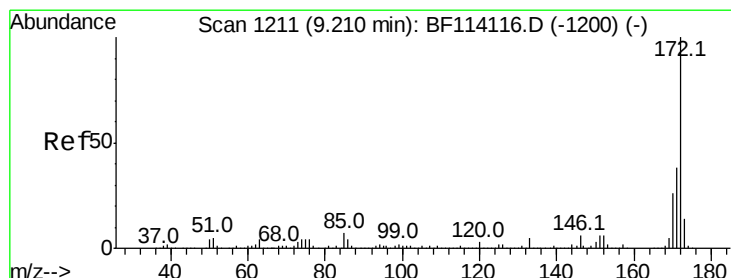
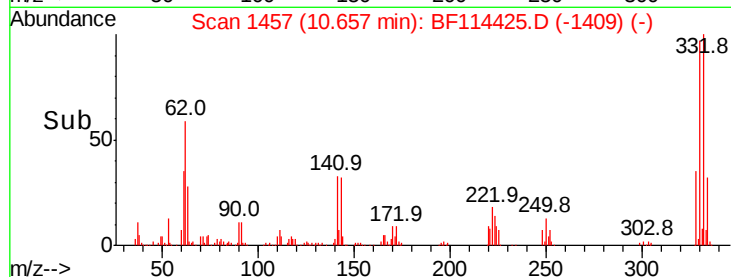
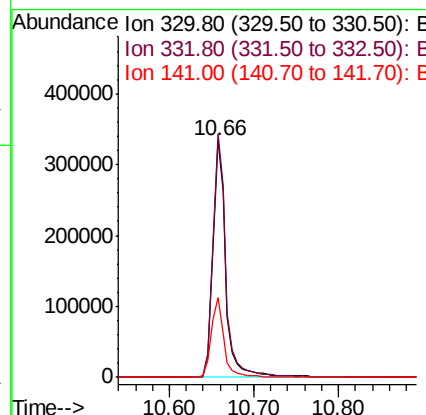
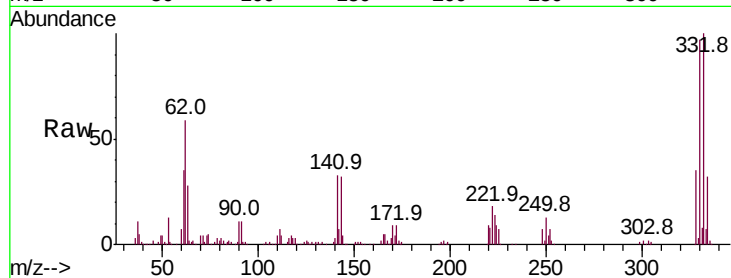




#42
 2,4,6-Tribromophenol
 Concen: 90.452 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114425.D
 Acq: 19 May 2019 7:35

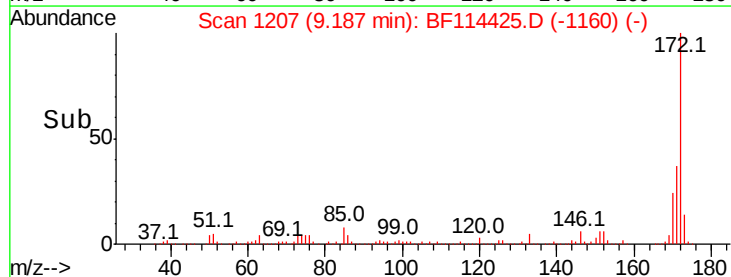
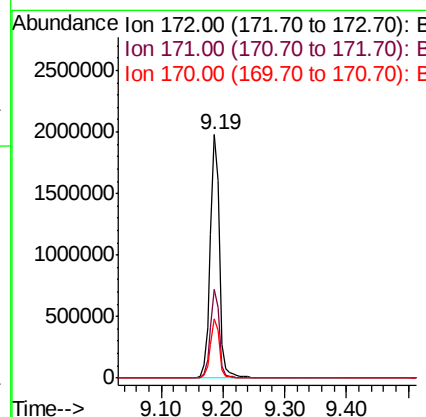
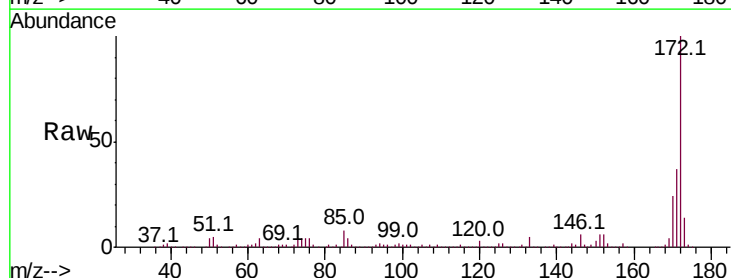
Instrument :
 BNA_F
 ClientSampleId :

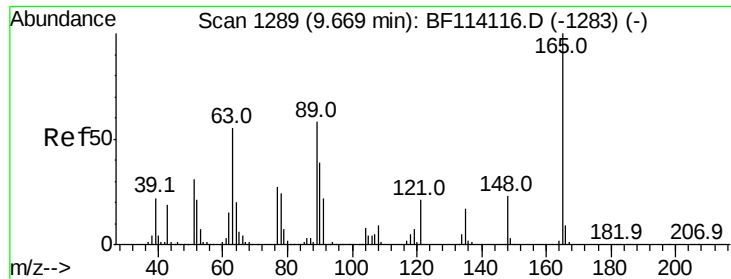
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.0	81.4	122.2
141	33.1	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 81.319 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114425.D
 Acq: 19 May 2019 7:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.4	20.5	30.7

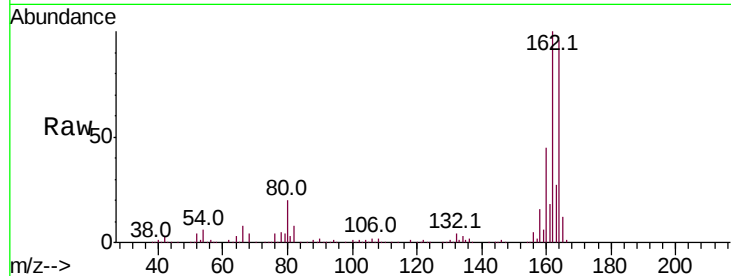




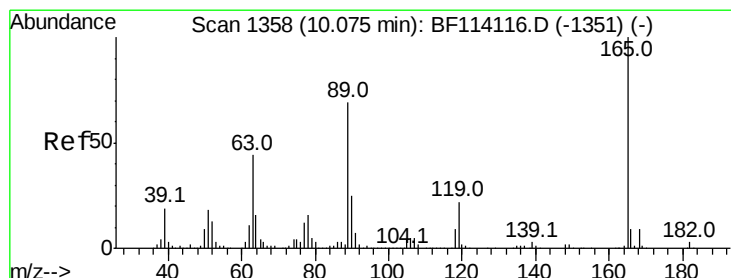
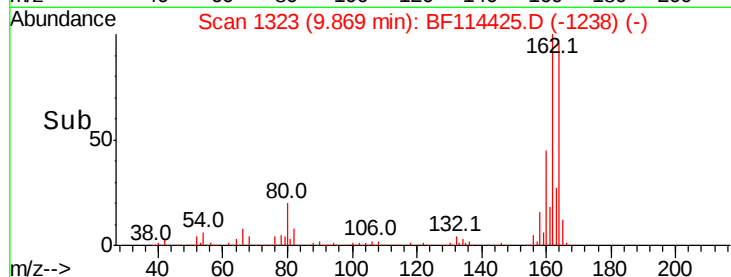
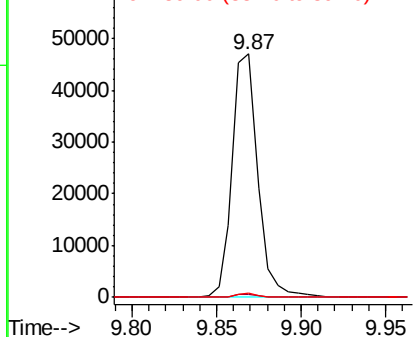
#51
 2,6-Dinitrotoluene
 Concen: 7.899 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF114425.D
 Acq: 19 May 2019 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.2	75.4#
89	1.7	46.6	69.8#

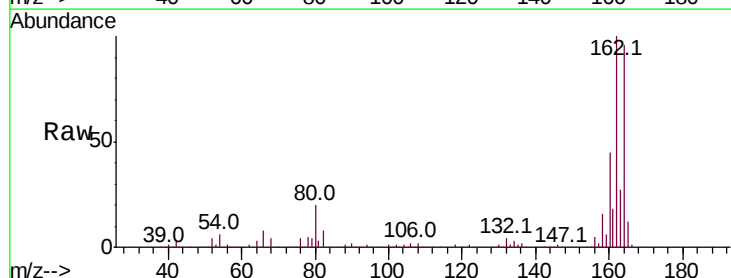


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

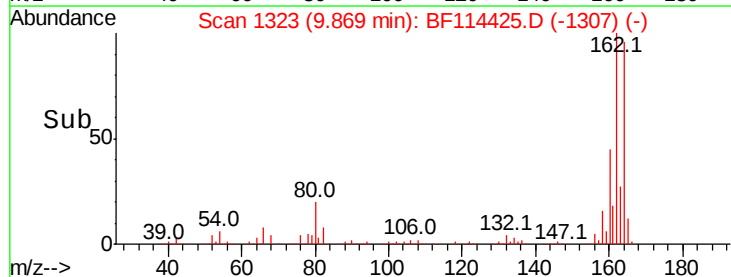
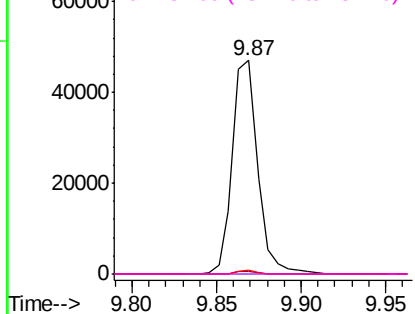


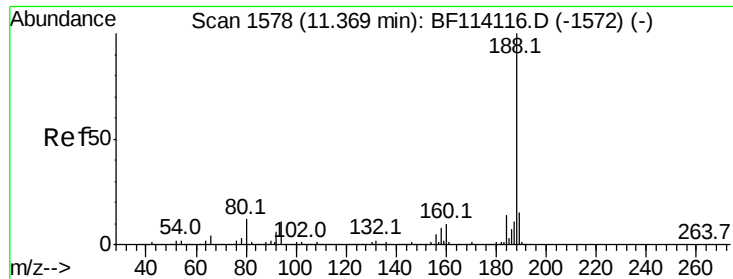
#57
 2,4-Dinitrotoluene
 Concen: 5.819 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF114425.D
 Acq: 19 May 2019 7:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.5	53.3#
89	1.7	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

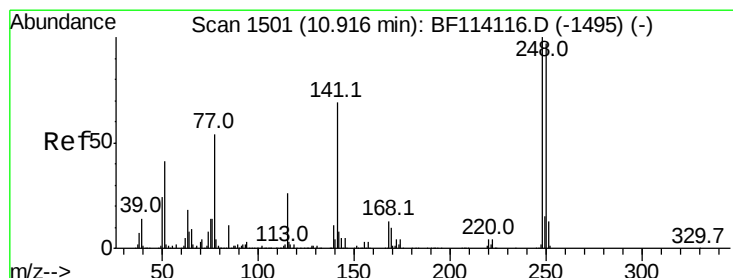
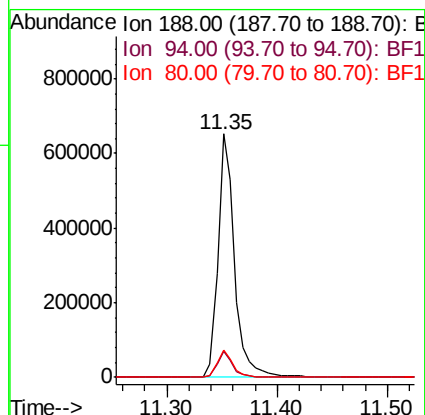
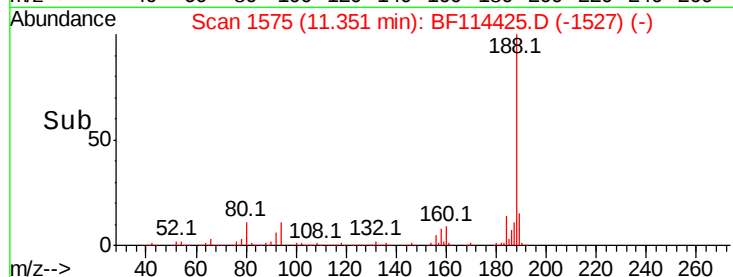
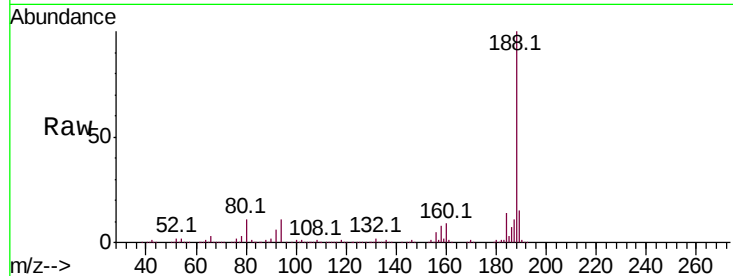




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114425.D
Acq: 19 May 2019 7:35

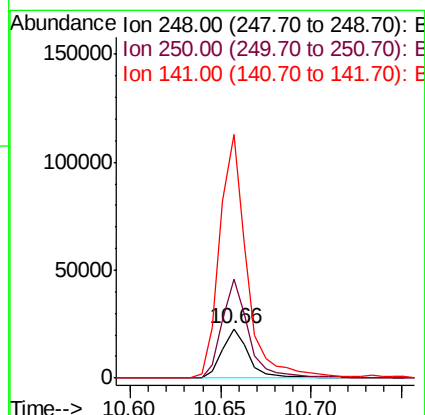
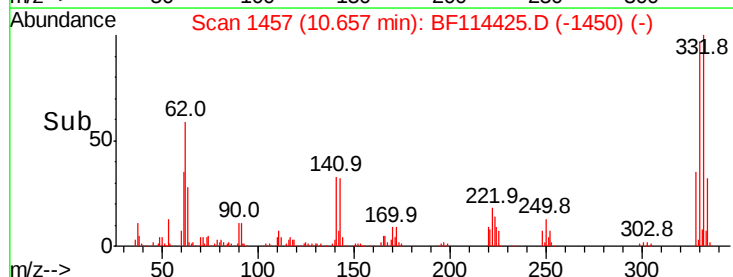
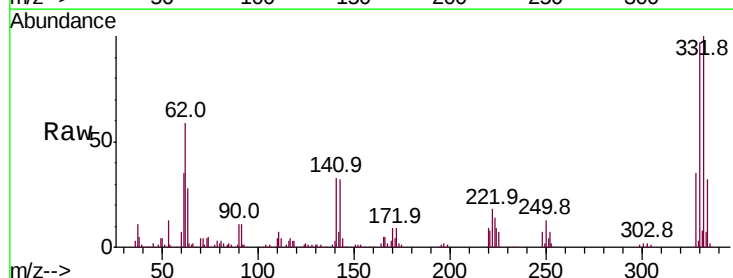
Instrument :
BNA_F
ClientSampled :

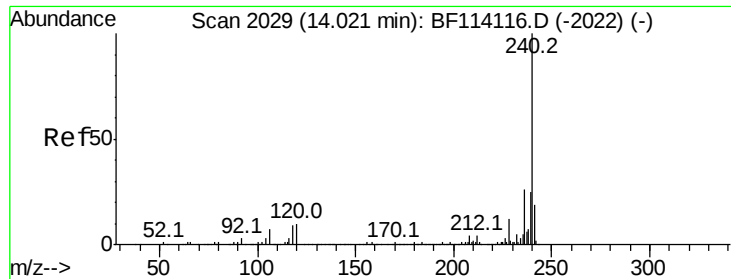
Tot Ion:188 Resp: 676290
Ion Ratio Lower Upper
188 100
94 10.8 8.4 12.6
80 11.0 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.136 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.26 min
Lab File: BF114425.D
Acq: 19 May 2019 7:35

Tgt Ion:248 Resp: 23350
Ion Ratio Lower Upper
248 100
250 199.5 77.4 116.2#
141 490.6 55.6 83.4#

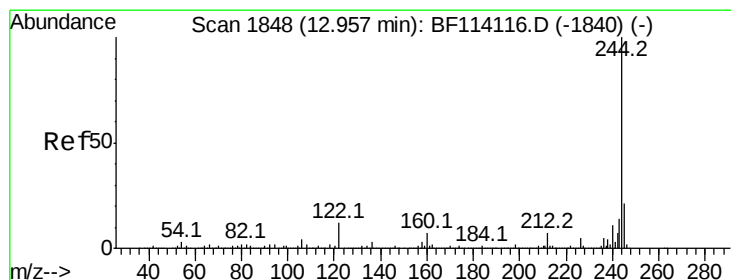
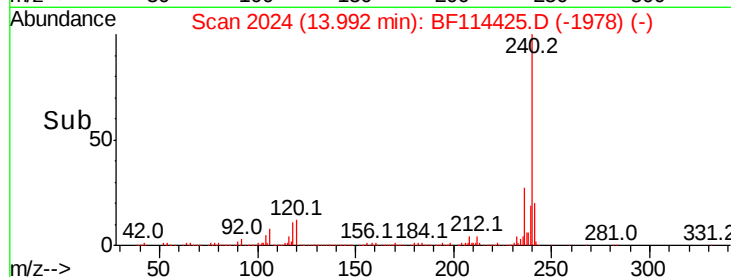
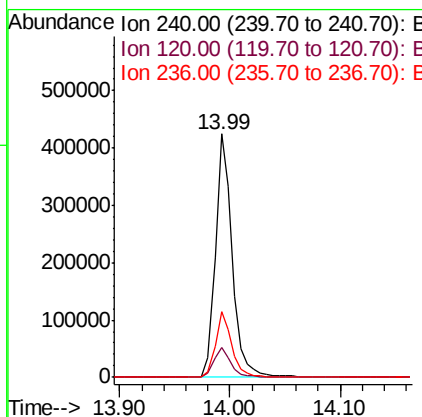
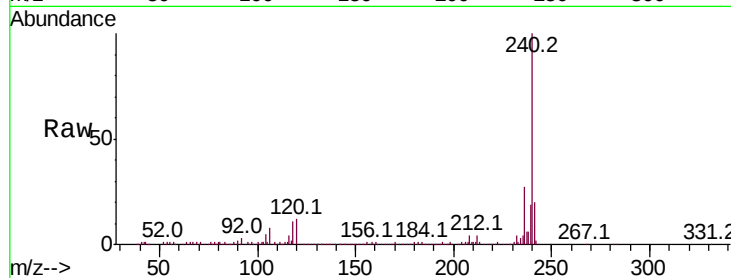




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114425.D
 Acq: 19 May 2019 7:35

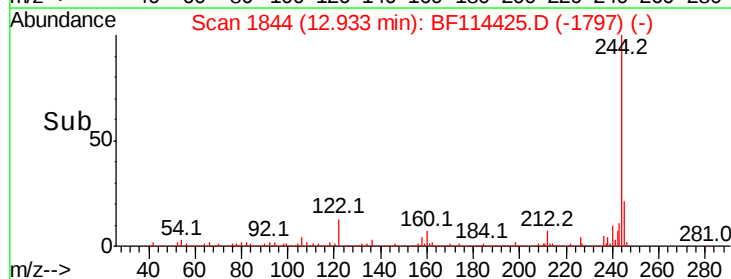
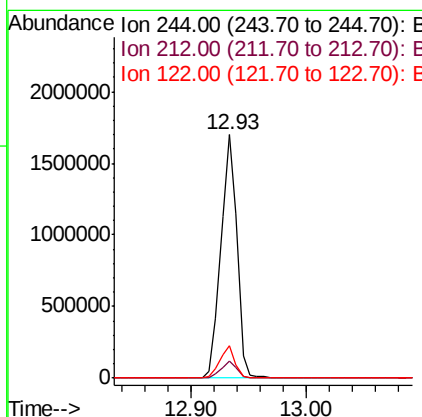
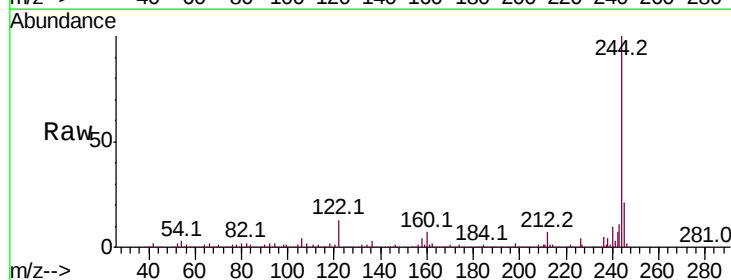
Instrument :
 BNA_F
 ClientSampleId :

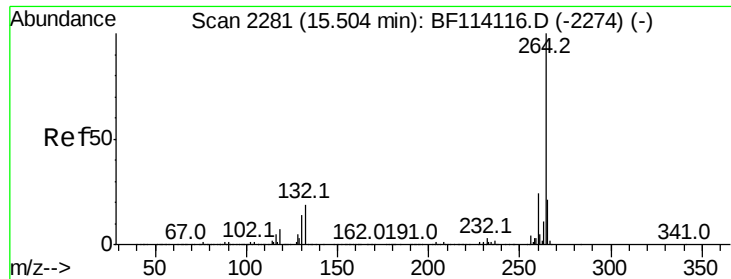
Tot Ion:240 Resp: 444961
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.3 12.5
 236 27.0 20.8 31.2



#79
 Terphenyl-d14
 Concen: 76.356 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114425.D
 Acq: 19 May 2019 7:35

Tgt Ion:244 Resp: 1648147
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.4 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114425.D
Acq: 19 May 2019 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	21.3	16.9	25.3

