

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052119\
 Data File : BF114453.D
 Acq On : 21 May 2019 14:06
 Operator : JU/SJ
 Sample : K2648-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 21 14:58:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

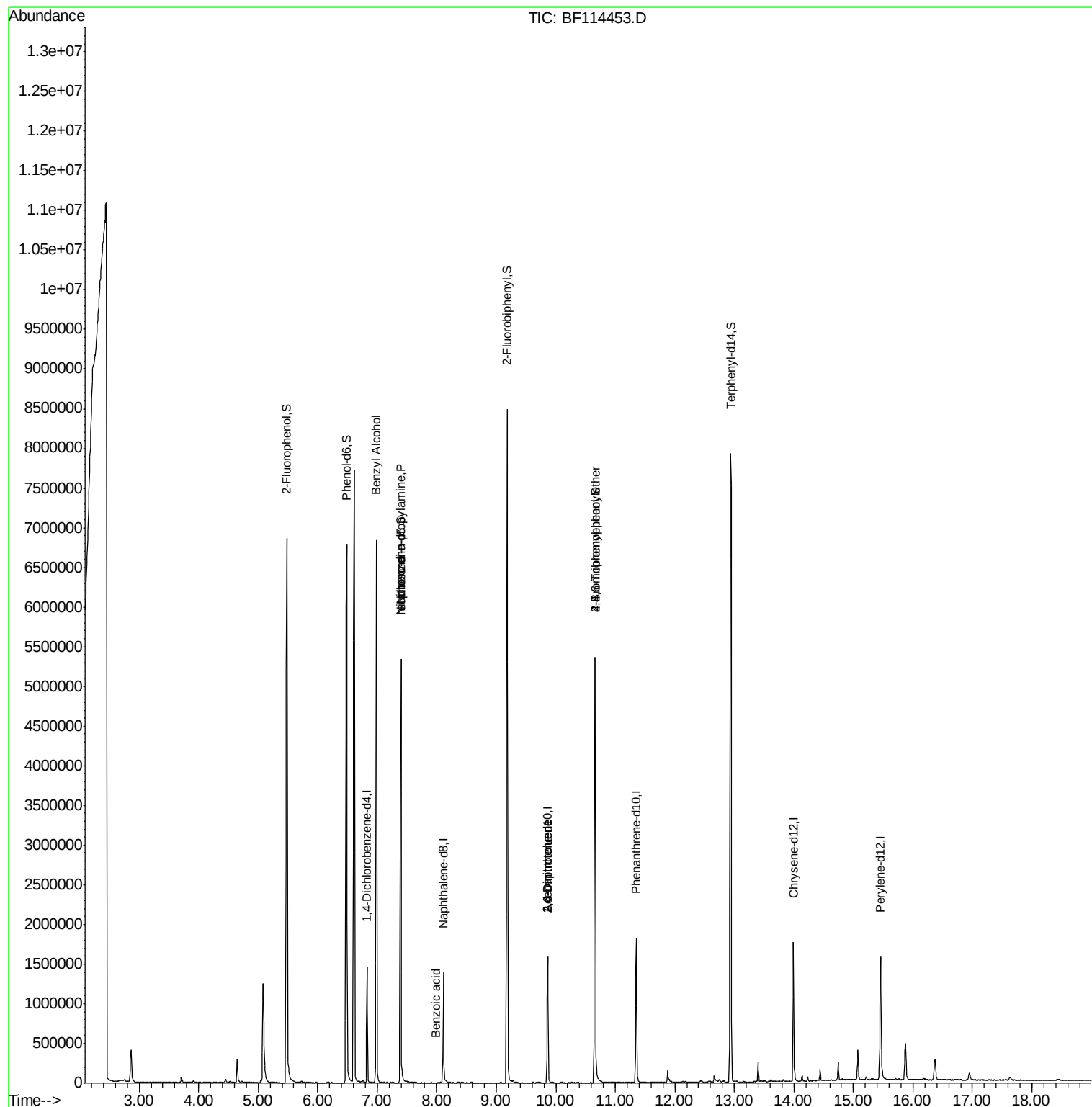
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	202833	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	741274	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	353233	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	748802	20.00	ng	0.00
76) Chrysene-d12	13.99	240	637586	20.00	ng	-0.01
87) Perylene-d12	15.46	264	680972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2350694	186.50	ng	0.01
7) Phenol-d6	6.49	99	2856426	191.61	ng	0.00
23) Nitrobenzene-d5	7.40	82	2123829	160.79	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	861217	235.83	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	3436429	147.16	ng	0.00
79) Terphenyl-d14	12.94	244	3725754	120.46	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	31559	2.714	ng	# 42
19) n-Nitroso-di-n-propylamine	7.40	70	288640	30.547	ng	# 75
25) Isophorone	7.40	82	2123949	86.703	ng	# 64
32) Benzoic acid	7.97	122	547	7.085	ng	# 65
51) 2,6-Dinitrotoluene	9.86	165	45494	7.910	ng	# 22
57) 2,4-Dinitrotoluene	9.86	165	45494	5.828	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	56796	6.889	ng	# 1

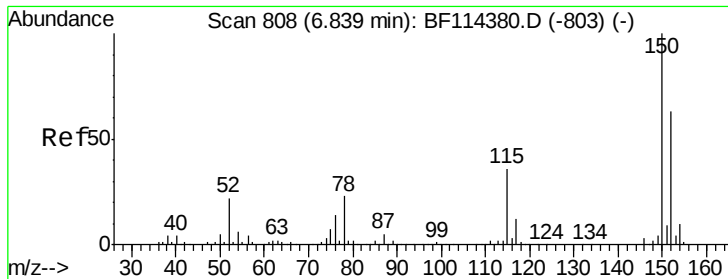
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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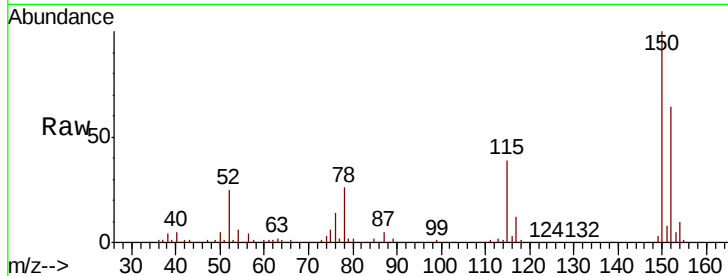


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114453.D
Acq: 21 May 2019 14:06

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	60.9	49.1	73.7

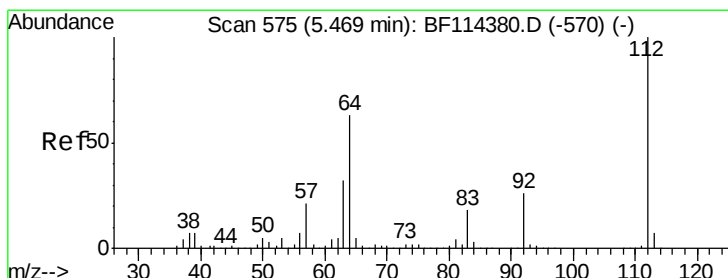
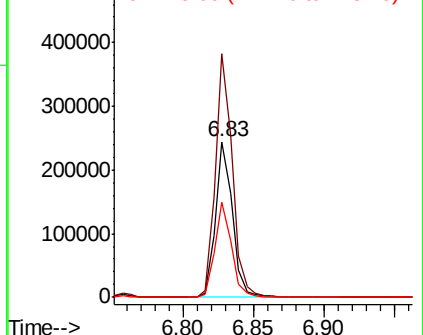
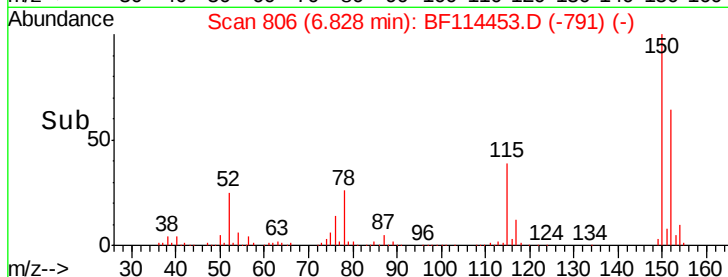


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

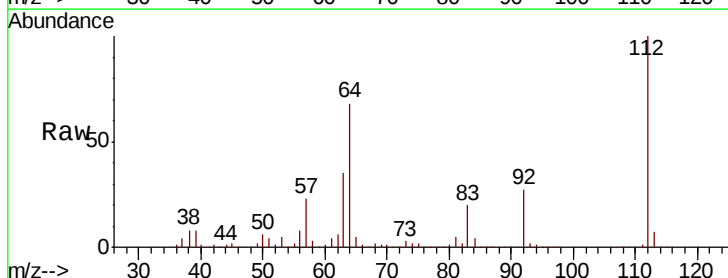
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 186.502 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF114453.D
Acq: 21 May 2019 14:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	49.0	73.6
63	35.3	24.6	37.0

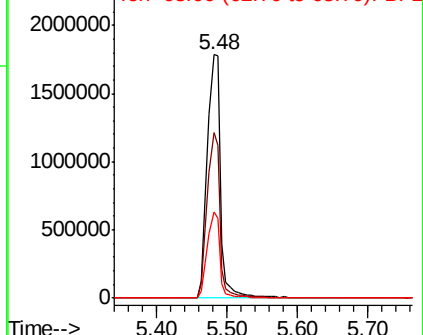
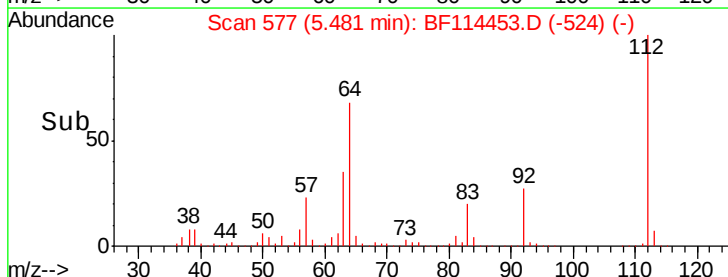


Abundance

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: 191.613 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF114453.D

Acq: 21 May 2019 14:06

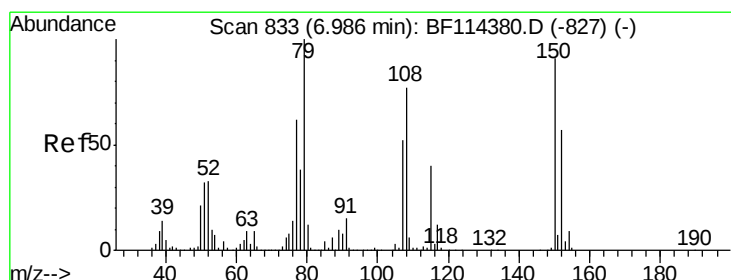
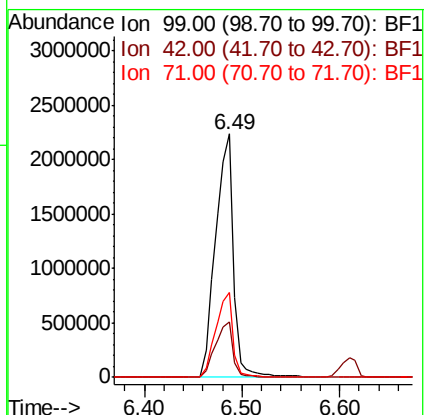
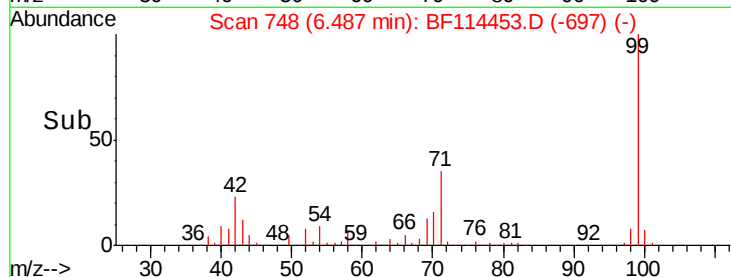
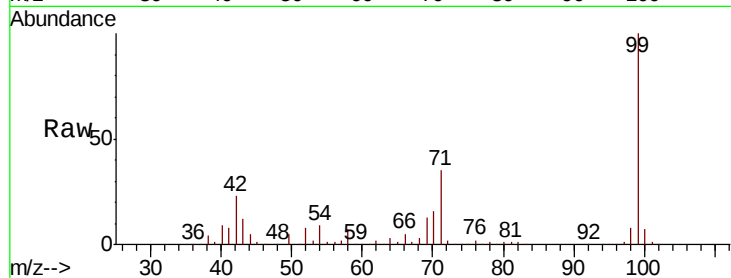
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 2856426

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	35.0	26.2	39.2



#15

Benzyl Alcohol

Concen: 2.714 ng

RT: 6.99 min Scan# 833

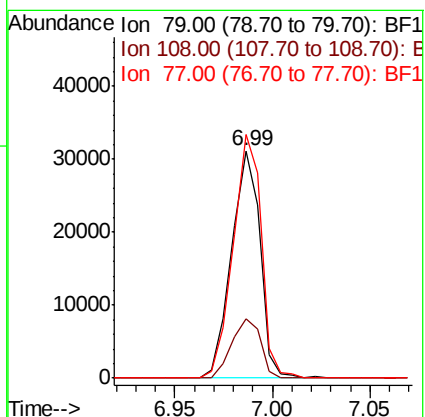
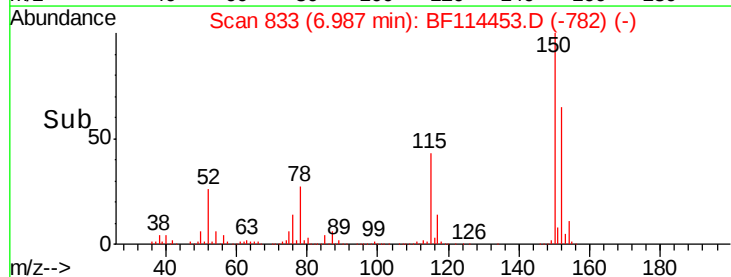
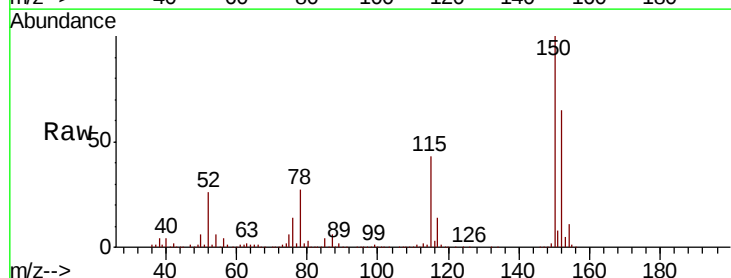
Delta R.T. 0.00 min

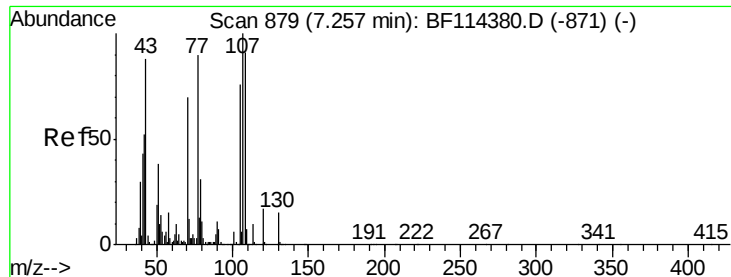
Lab File: BF114453.D

Acq: 21 May 2019 14:06

Tgt Ion: 79 Resp: 31559

Ion	Ratio	Lower	Upper
79	100		
108	25.9	62.1	93.1#
77	107.1	51.0	76.6#

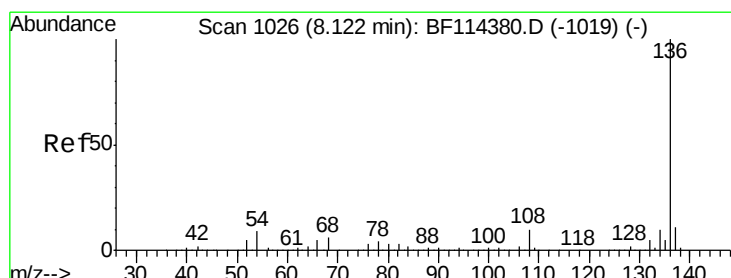
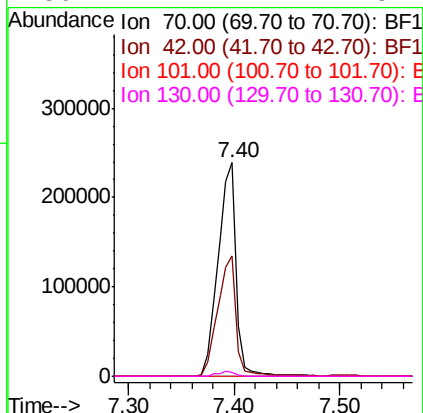
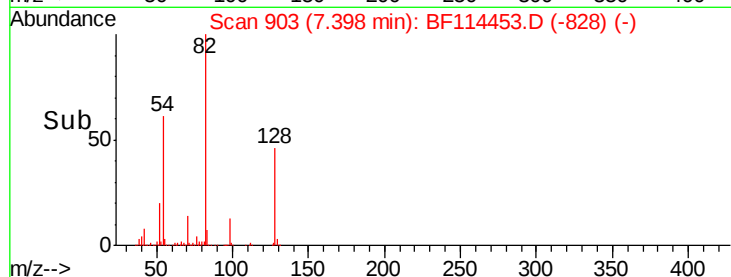
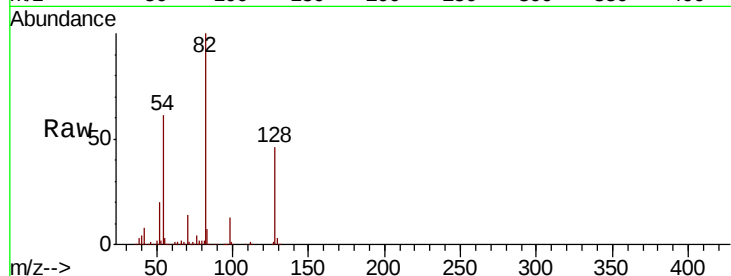




#19
n-Nitroso-di-n-propylamine
Concen: 30.547 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF114453.D
Acq: 21 May 2019 14:06

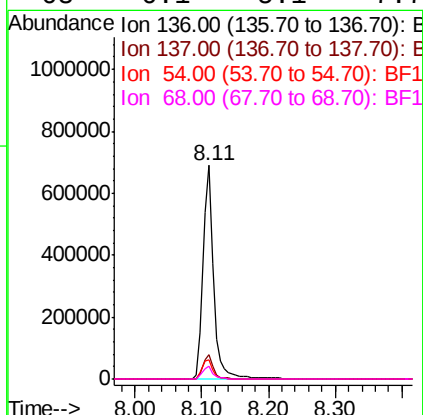
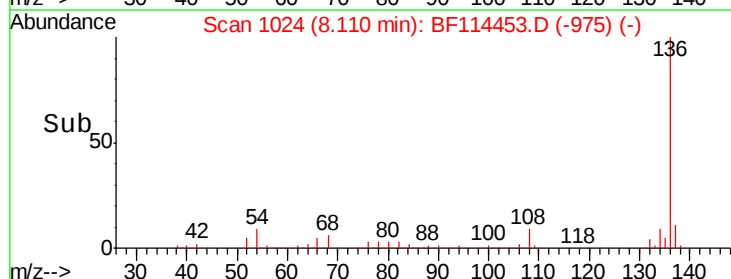
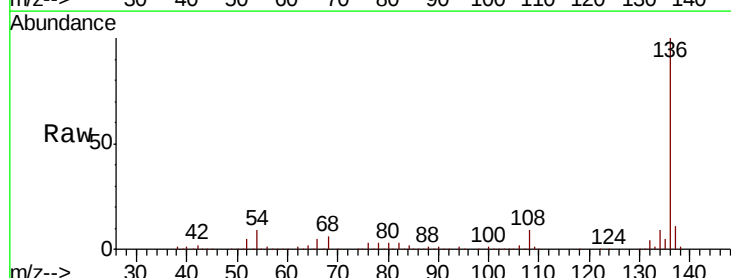
Instrument :
BNA_E
ClientSampleId :

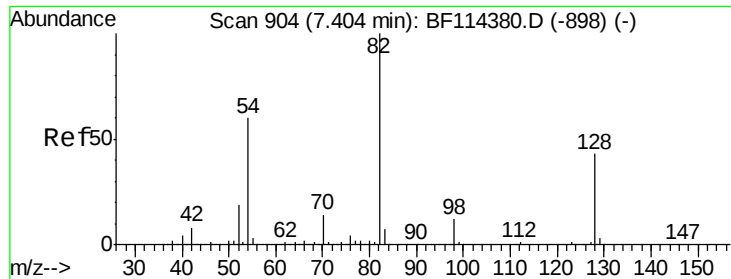
Tot Ion: 70 Resp: 288640
Ion Ratio Lower Upper
70 100
42 56.4 58.6 87.8#
101 0.0 7.8 11.8#
130 2.1 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114453.D
Acq: 21 May 2019 14:06

Tgt Ion:136 Resp: 741274
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.0 7.8 11.8
68 6.1 5.1 7.7

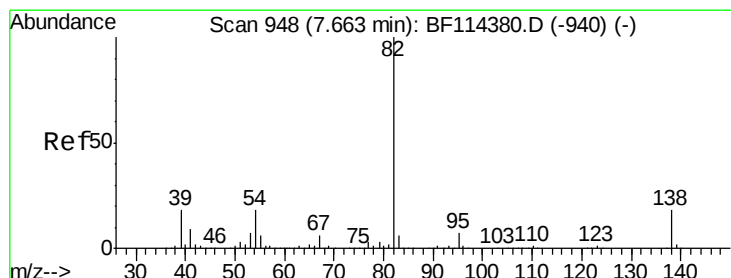
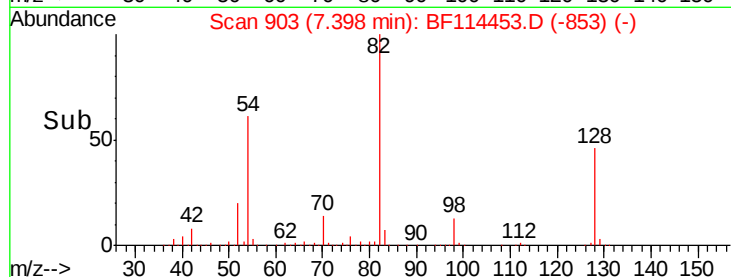
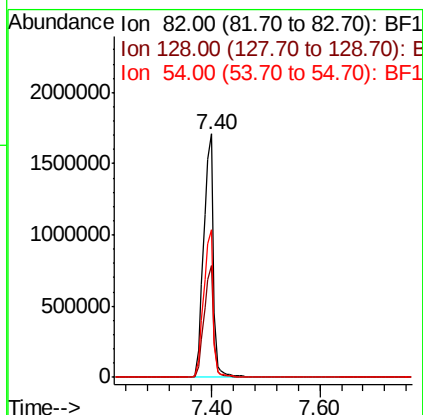
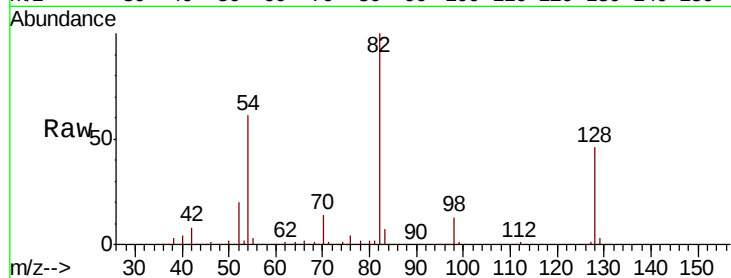




#23
Nitrobenzene-d5
Concen: 160.790 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF114453.D
Acq: 21 May 2019 14:06

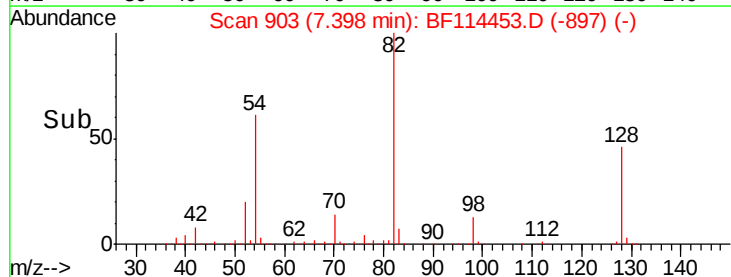
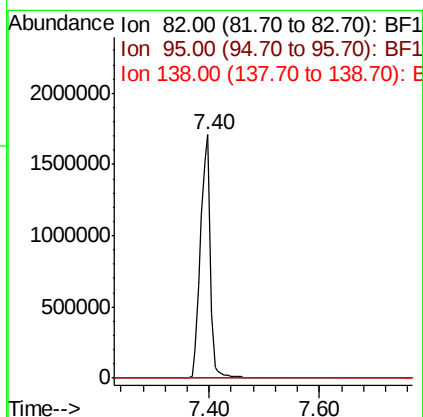
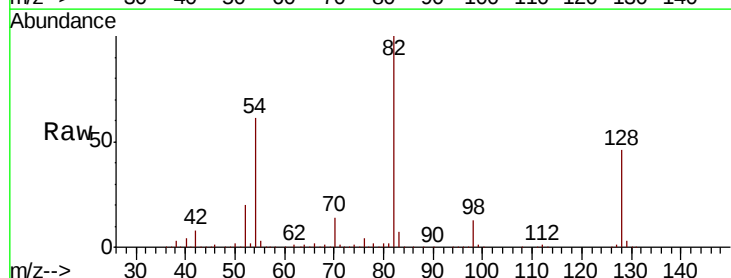
Instrument :
BNA_E
ClientSampleId :

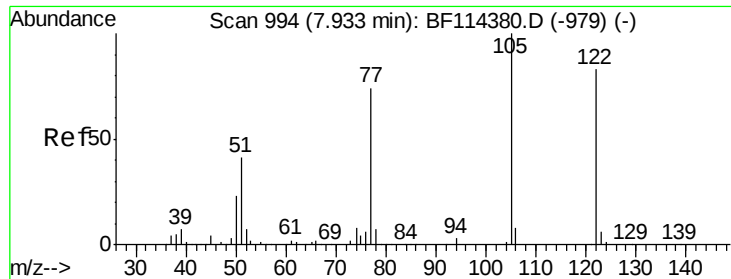
Tot Ion: 82 Resp: 2123829
Ion Ratio Lower Upper
82 100
128 46.1 35.5 53.3
54 60.8 48.5 72.7



#25
Isophorone
Concen: 86.703 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.26 min
Lab File: BF114453.D
Acq: 21 May 2019 14:06

Tgt Ion: 82 Resp: 2123949
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

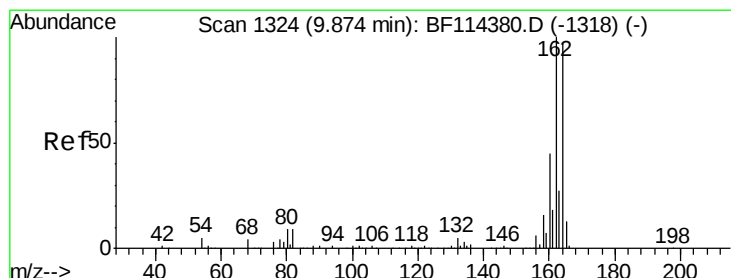
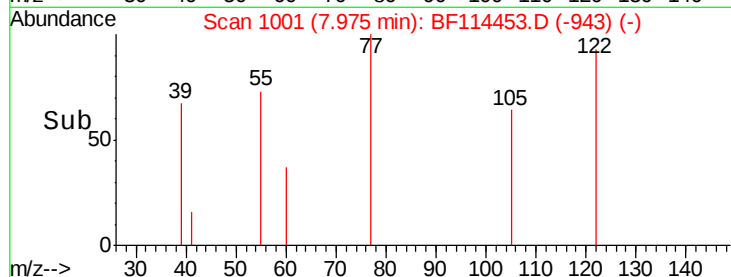
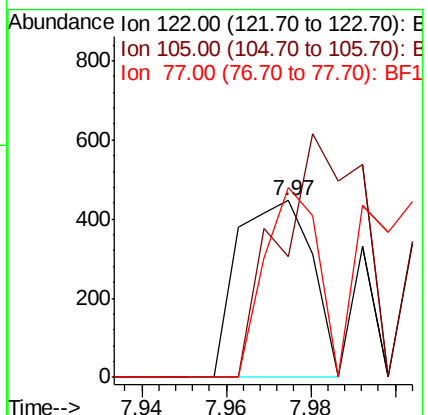
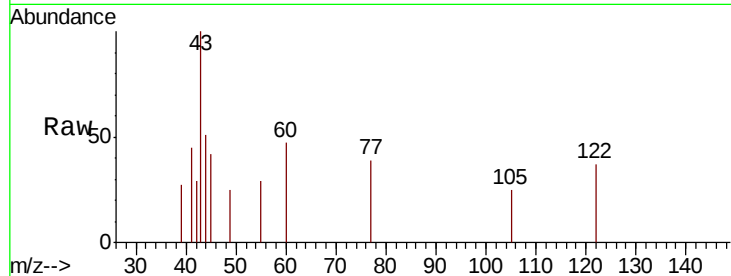




#32
Benzoic acid
Concen: 7.085 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.04 min
Lab File: BF114453.D
Acq: 21 May 2019 14:06

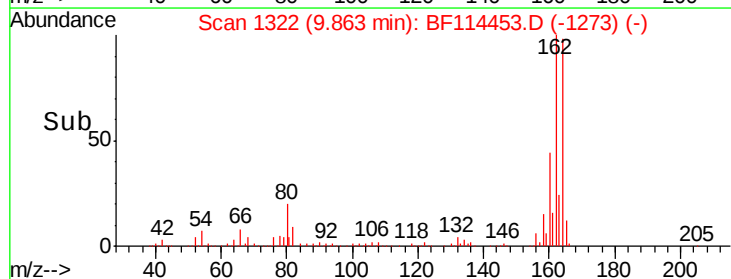
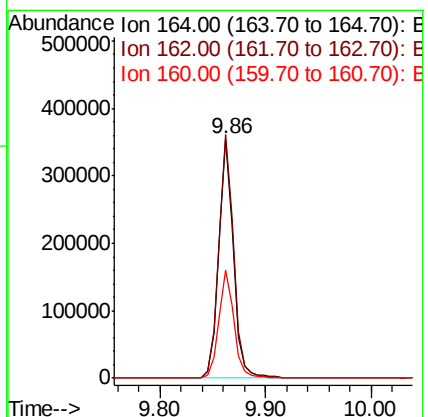
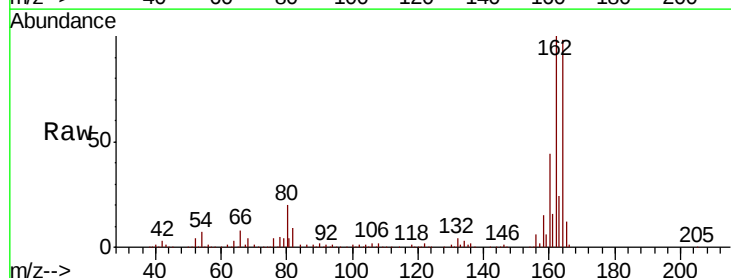
Instrument :
BNA_E
ClientSampleId :

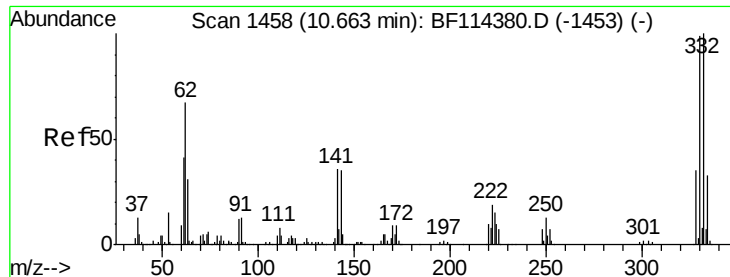
Tot Ion:122 Resp: 547
Ion Ratio Lower Upper
122 100
105 68.4 99.9 139.9#
77 107.4 69.4 109.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114453.D
Acq: 21 May 2019 14:06

Tgt Ion:164 Resp: 353233
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.2 36.5 54.7

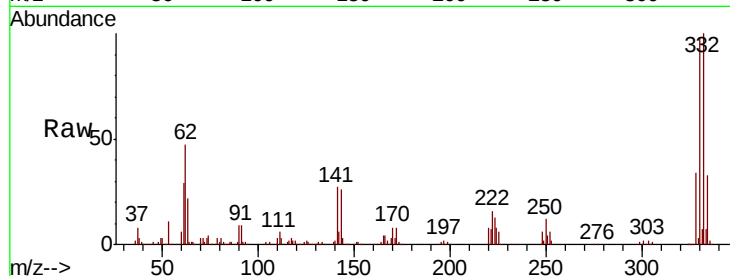




#42
 2,4,6-Tribromophenol
 Concen: 235.831 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114453.D
 Acq: 21 May 2019 14:06

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.8	81.4	122.2
141	32.4	26.6	40.0

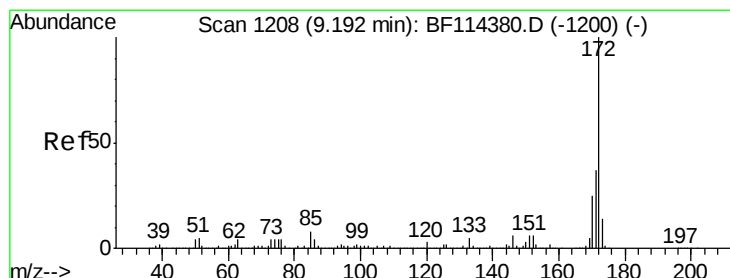
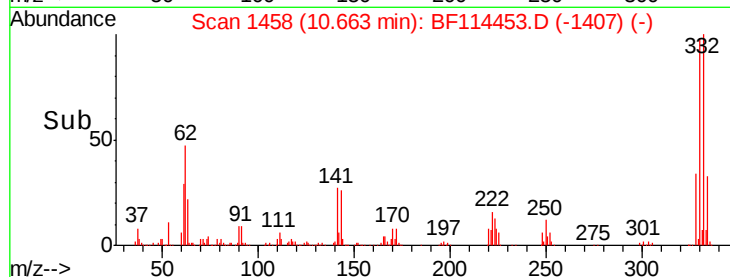
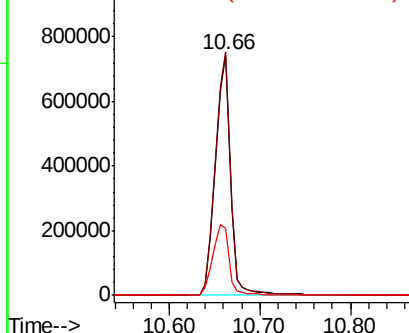


Abundance

Ion 329.80 (329.50 to 330.50): E

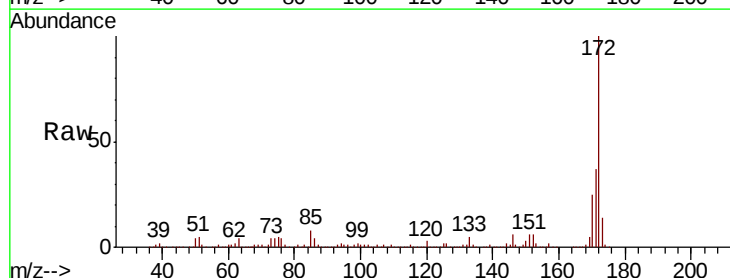
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 147.160 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114453.D
 Acq: 21 May 2019 14:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.7	46.1
170	25.4	20.5	30.7

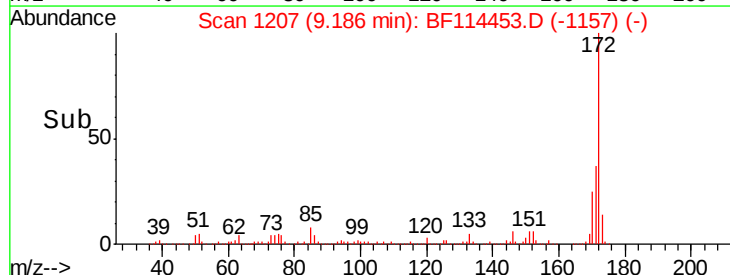
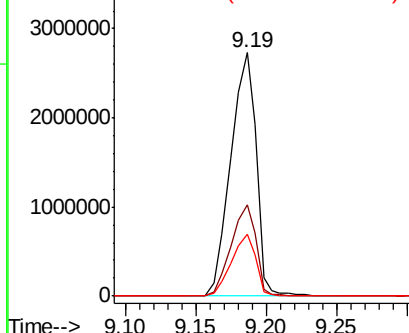


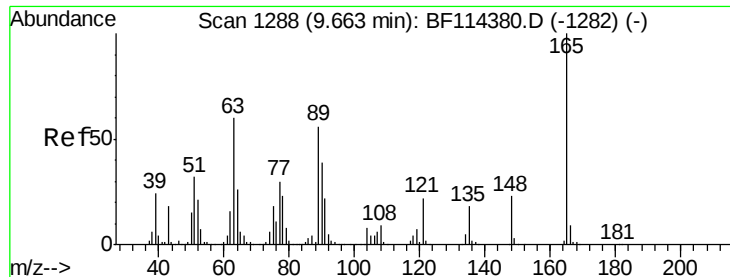
Abundance

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: 7.910 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.20 min

Lab File: BF114453.D

Acq: 21 May 2019 14:06

Instrument :
BNA_E
ClientSampleId :

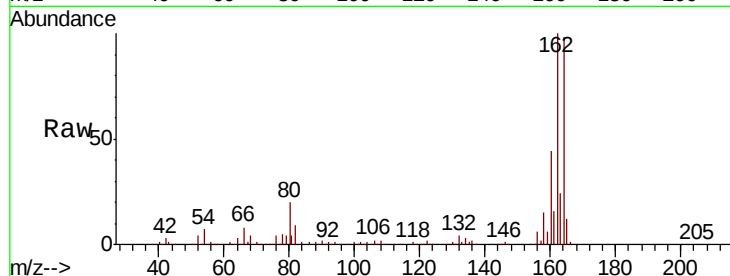
Tot Ion:165 Resp: 45494

Ion Ratio Lower Upper

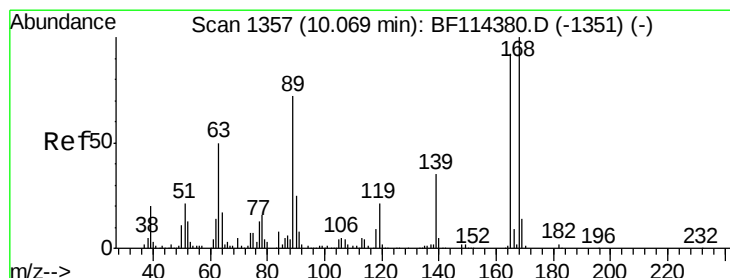
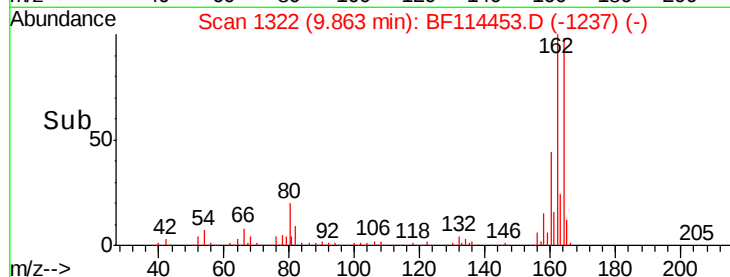
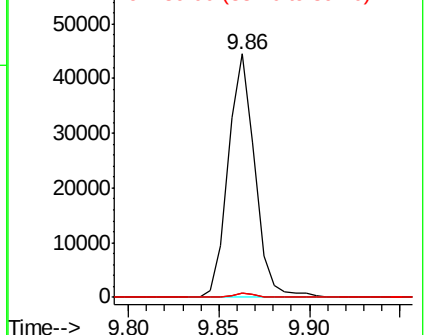
165 100

63 1.5 50.2 75.4#

89 1.5 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: 5.828 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.21 min

Lab File: BF114453.D

Acq: 21 May 2019 14:06

Tgt Ion:165 Resp: 45494

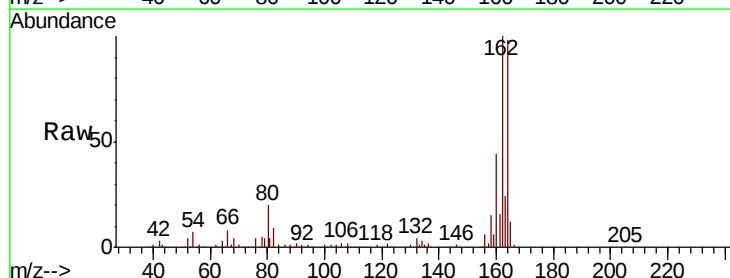
Ion Ratio Lower Upper

165 100

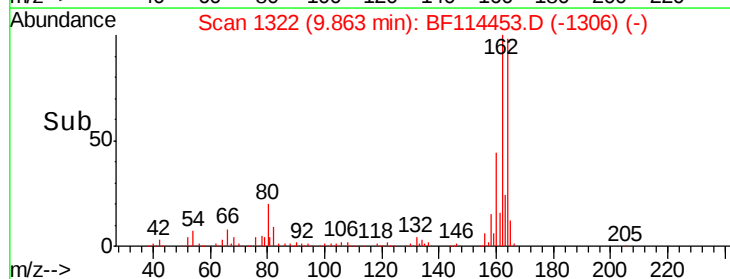
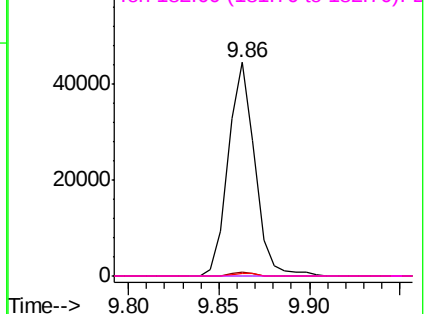
63 1.5 35.5 53.3#

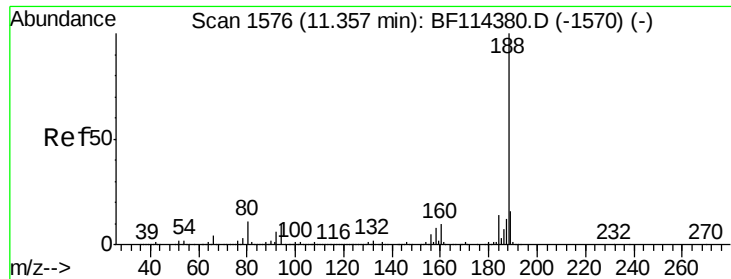
89 1.5 55.2 82.8#

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

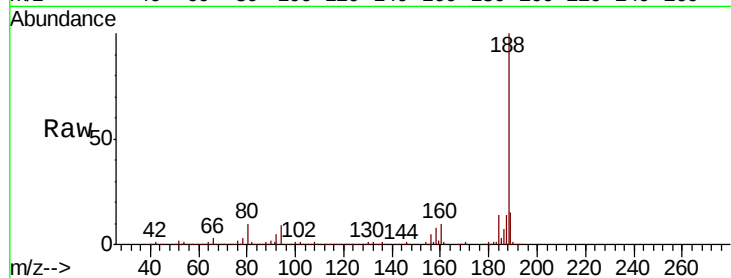




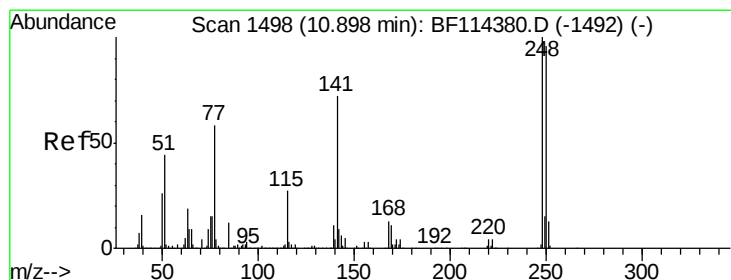
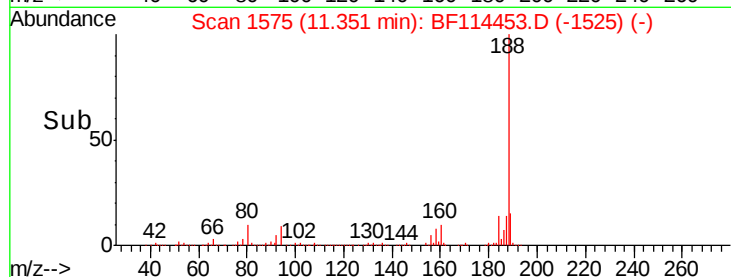
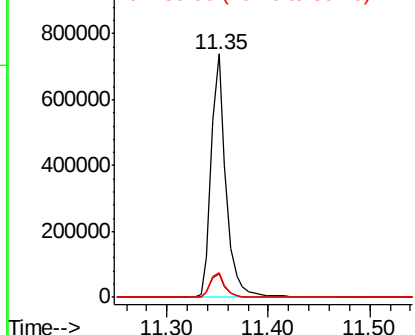
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114453.D
Acq: 21 May 2019 14:06

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 748802
Ion Ratio Lower Upper
188 100
94 9.4 8.4 12.6
80 10.2 9.2 13.8

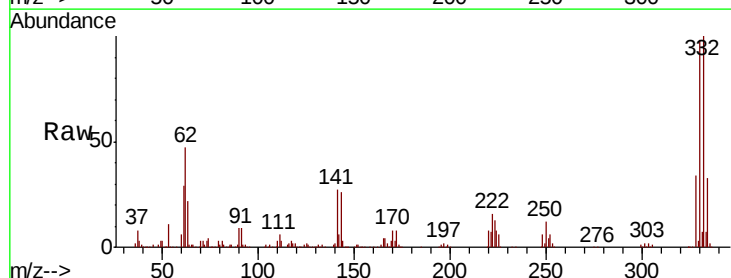


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

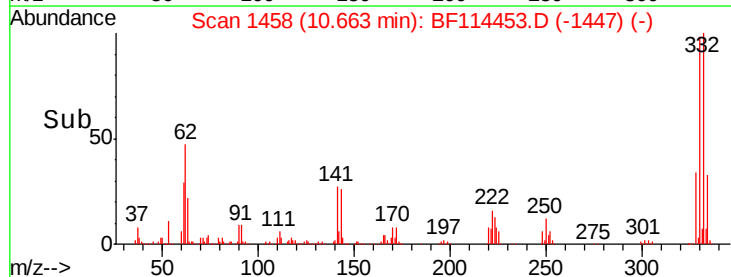
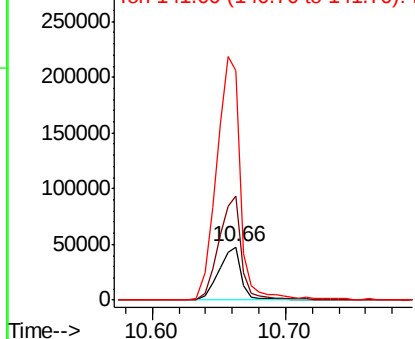


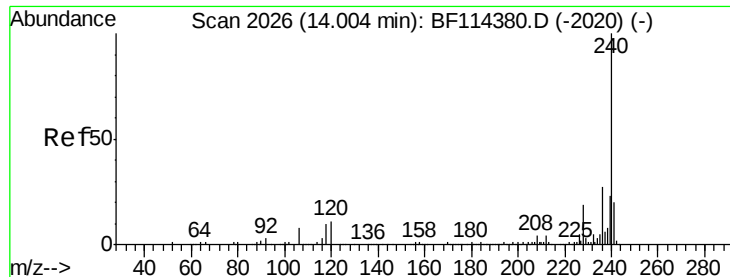
#67
4-Bromophenyl-phenylether
Concen: 6.889 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.24 min
Lab File: BF114453.D
Acq: 21 May 2019 14:06

Tgt Ion:248 Resp: 56796
Ion Ratio Lower Upper
248 100
250 194.8 77.4 116.2#
141 432.6 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

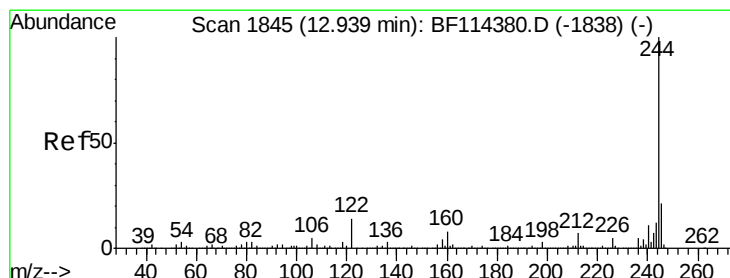
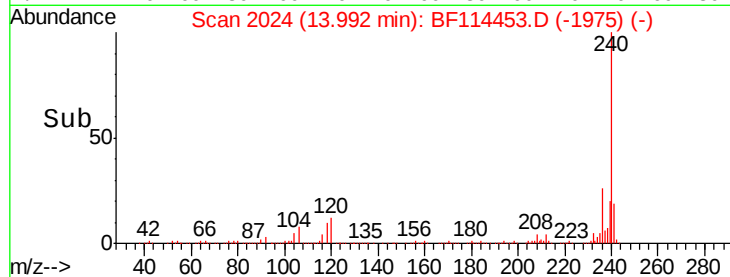
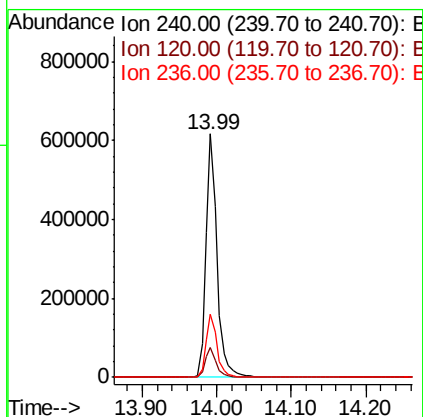
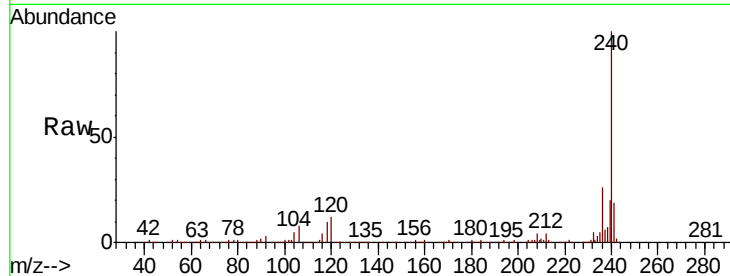




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF114453.D
 Acq: 21 May 2019 14:06

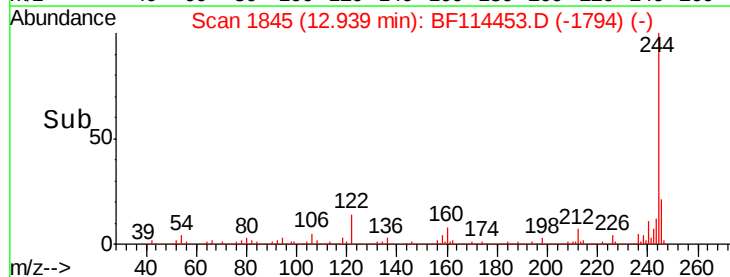
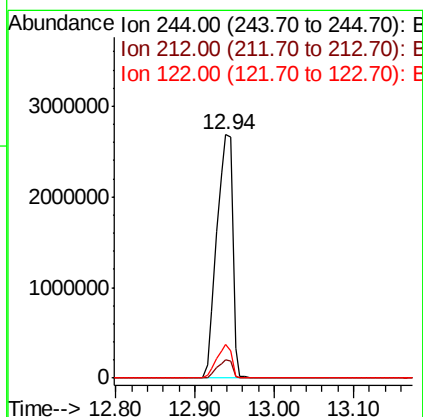
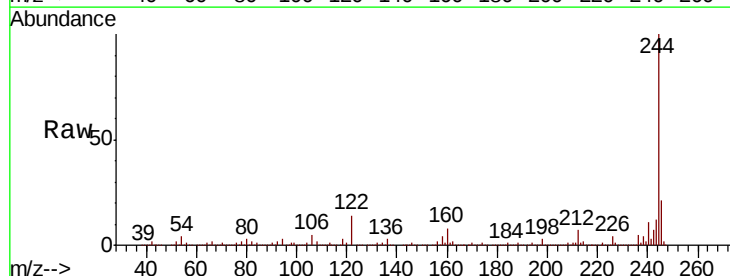
Instrument :
 BNA_E
 ClientSampleId :

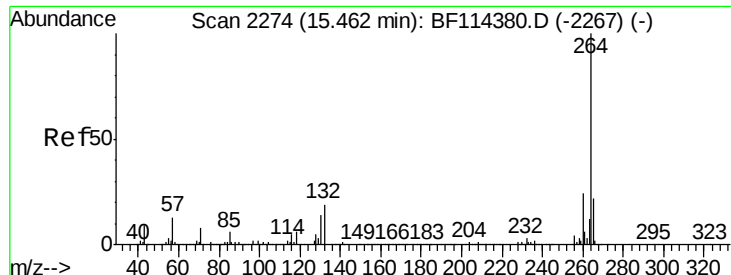
Tot Ion:240 Resp: 637586
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.3 12.5
 236 25.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 120.460 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF114453.D
 Acq: 21 May 2019 14:06

Tgt Ion:244 Resp: 3725754
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 13.7 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF114453.D
Acq: 21 May 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.2	16.9	25.3

