

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116145.D
 Acq On : 10 Aug 2019 12:42
 Operator : HP/JU
 Sample : K4219-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:54:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

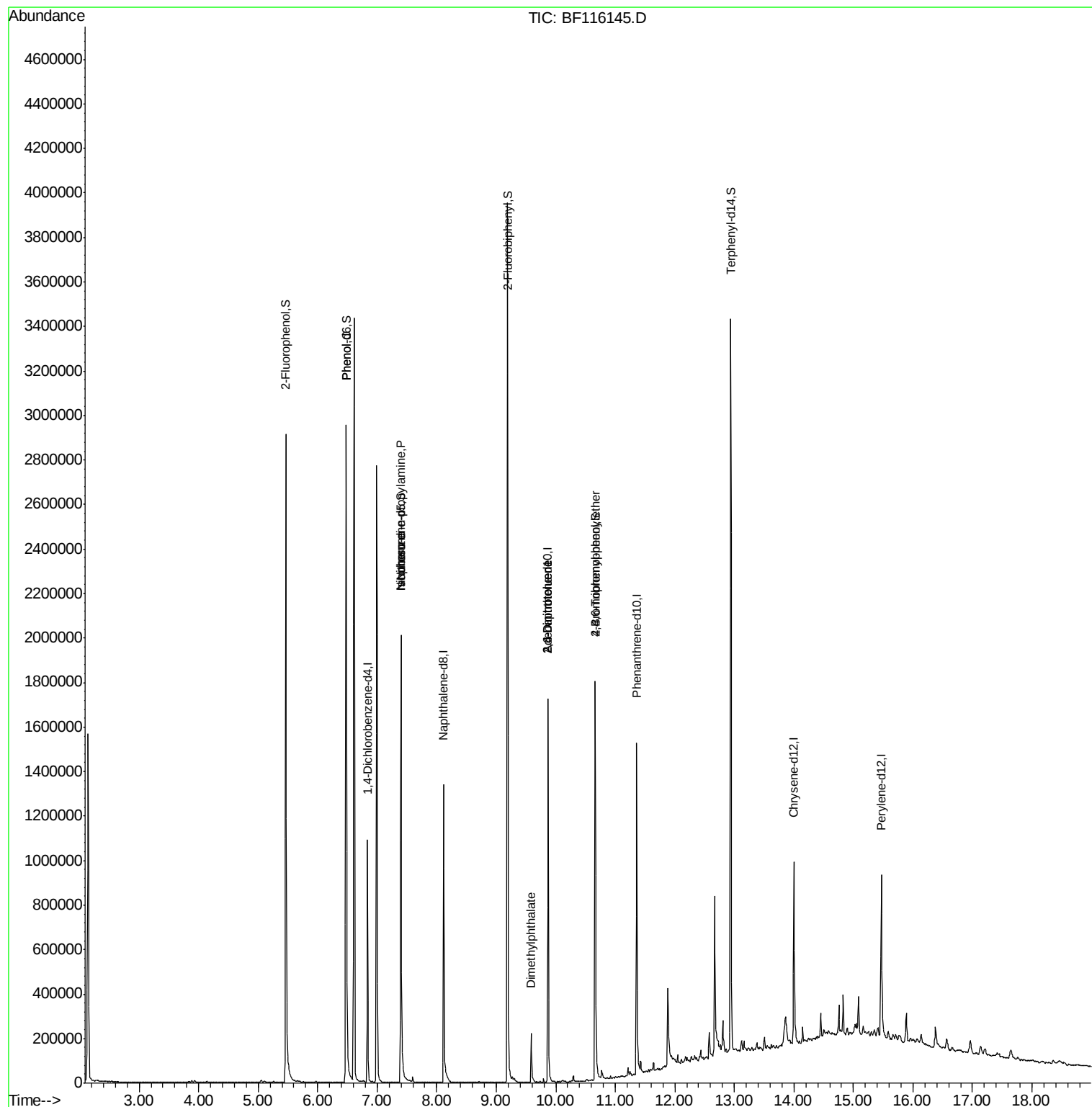
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	176550	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	706764	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	370392	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	587420	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	311645	20.00	ng	0.00
87) Perylene-d12	15.47	264	346791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	958203	90.86	ng	0.00
7) Phenol-d6	6.48	99	1260960	94.77	ng	0.00
23) Nitrobenzene-d5	7.40	82	822247	67.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	261933	72.94	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1323766	66.94	ng	-0.01
79) Terphenyl-d14	12.94	244	1151210	77.84	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	110809	7.072	ng	89
19) n-Nitroso-di-n-propylamine	7.40	70	110700	13.426	ng	# 80
25) Isophorone	7.40	82	822240	35.120	ng	# 65
50) Dimethylphthalate	9.59	163	119218	4.727	ng	98
51) 2,6-Dinitrotoluene	9.87	165	48341	8.820	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	48341	6.625	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	16232	2.581	ng	# 1

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

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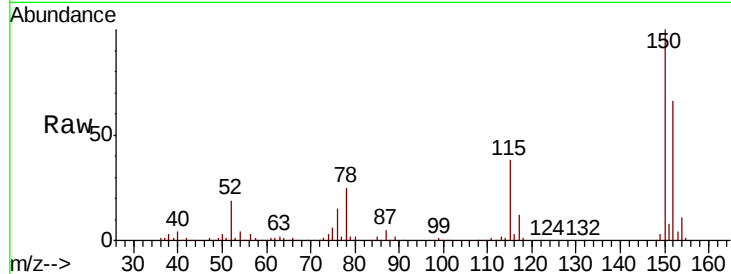


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116145.D
 Acq: 10 Aug 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.2	189.2
115	57.8	49.9	74.9

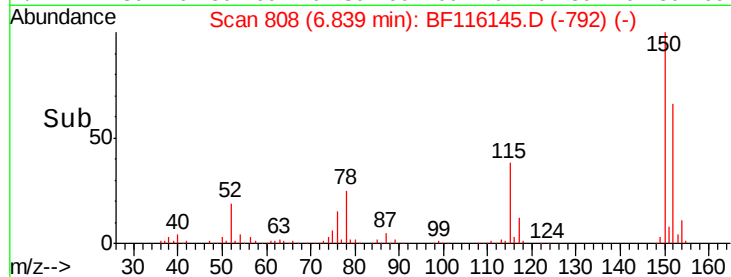
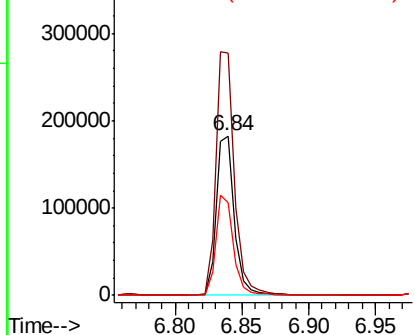


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

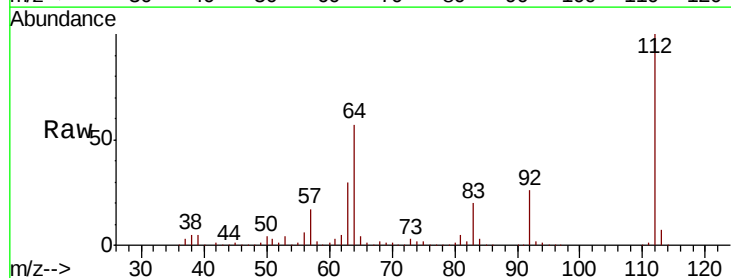
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 90.858 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116145.D
 Acq: 10 Aug 2019 12:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.4	68.2
63	29.6	23.7	35.5

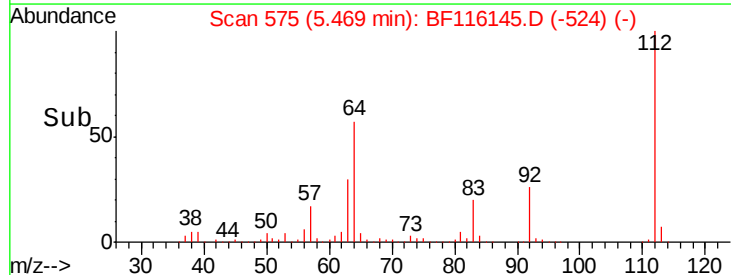
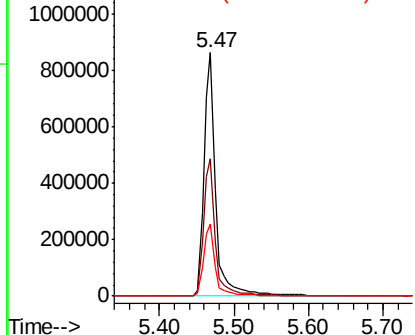


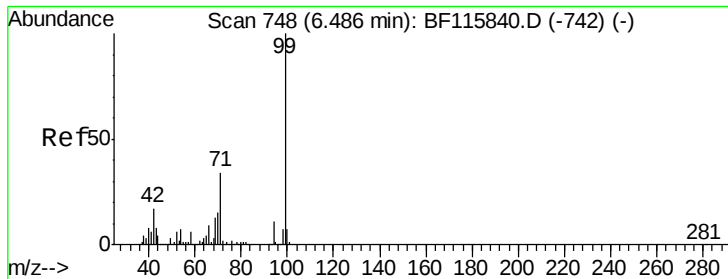
Abundance

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: 94.767 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116145.D

Acq: 10 Aug 2019 12:42

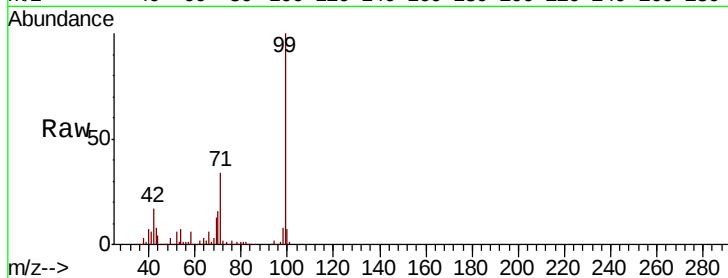
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1260960

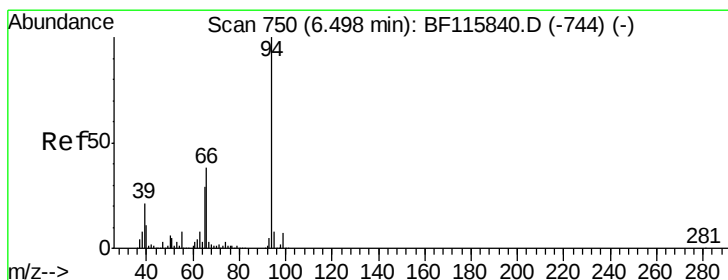
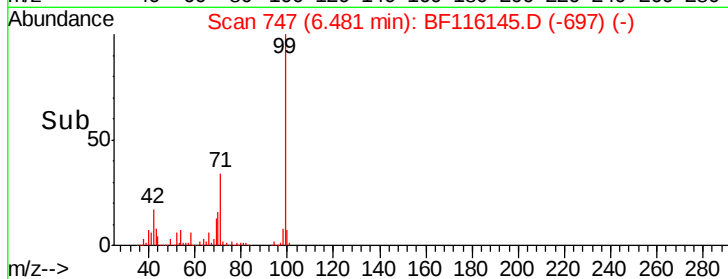
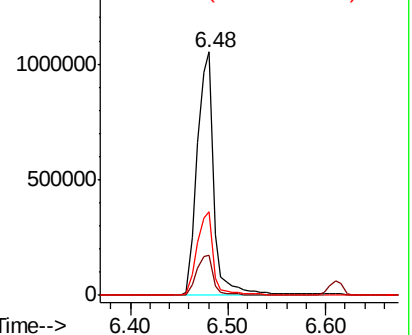
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.8
71	34.1	27.3	40.9



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



#10

Phenol

Concen: 7.072 ng

RT: 6.49 min Scan# 748

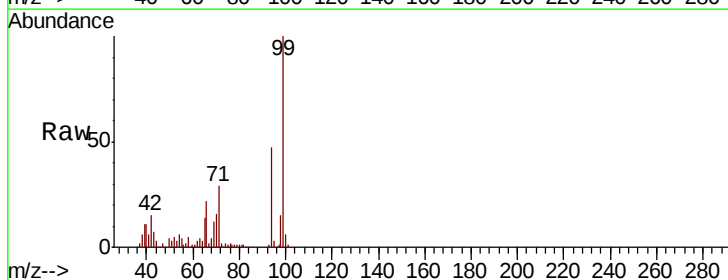
Delta R.T. -0.02 min

Lab File: BF116145.D

Acq: 10 Aug 2019 12:42

Tgt Ion: 94 Resp: 110809

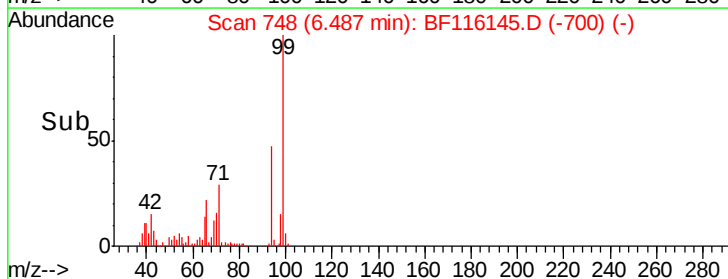
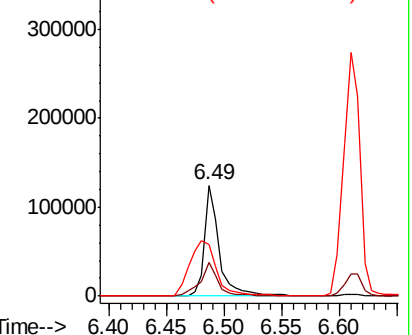
Ion	Ratio	Lower	Upper
94	100		
65	30.2	16.8	56.8
66	46.2	34.2	74.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

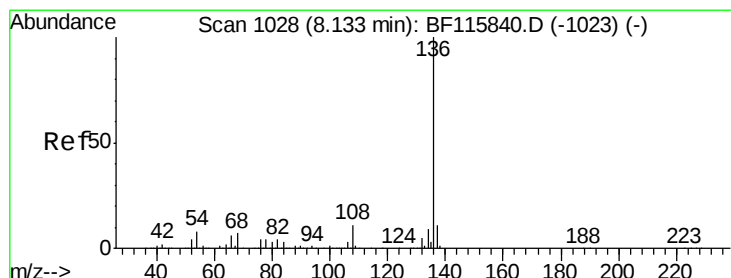
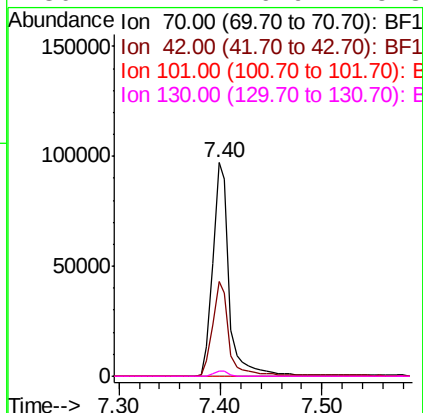
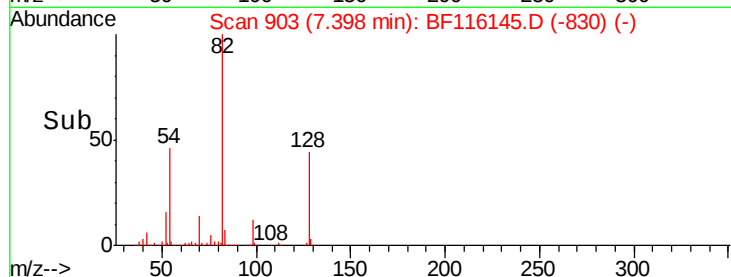
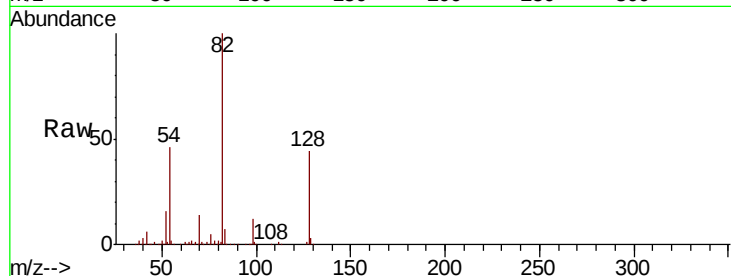




#19
n-Nitroso-di-n-propylamine
Concen: 13.426 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116145.D
Acq: 10 Aug 2019 12:42

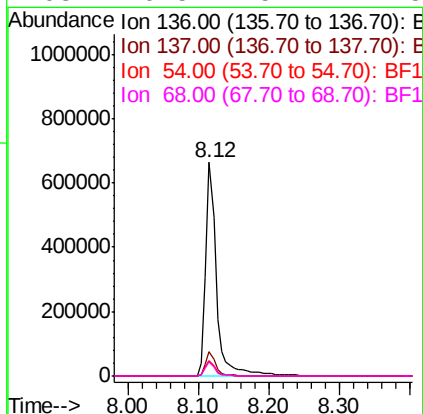
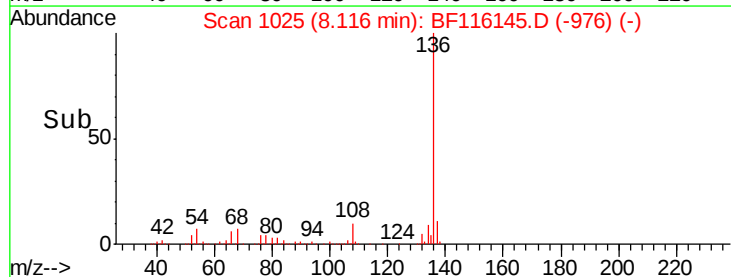
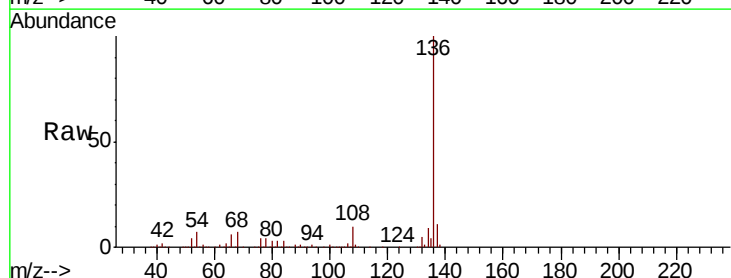
Instrument :
BNA_F
ClientSampleId :

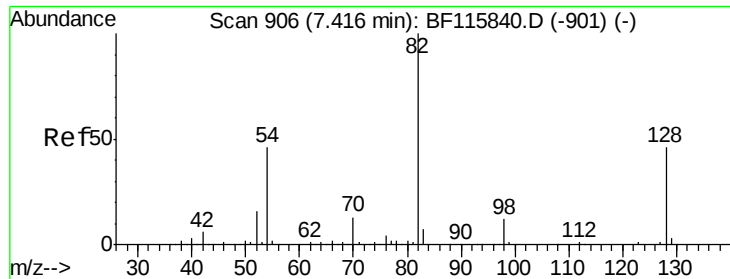
Tot Ion: 70 Resp: 110700
Ion Ratio Lower Upper
70 100
42 44.1 40.9 61.3
101 0.0 7.9 11.9#
130 2.2 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116145.D
Acq: 10 Aug 2019 12:42

Tgt Ion: 136 Resp: 706764
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.3 5.8 8.6
68 6.5 5.2 7.8

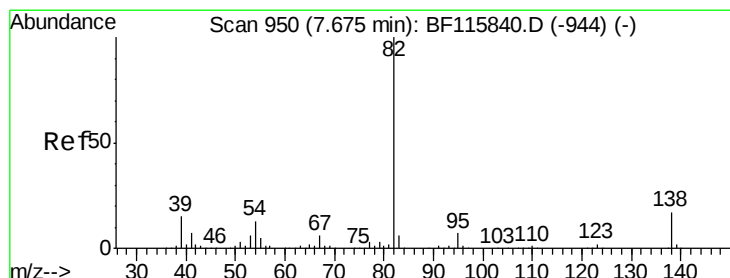
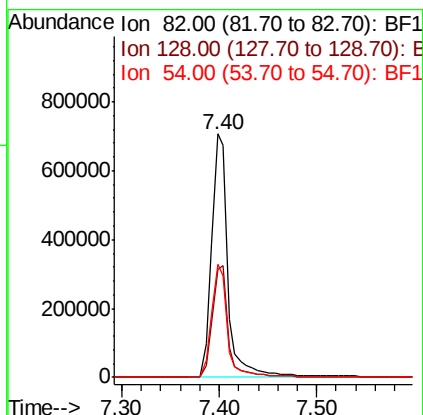
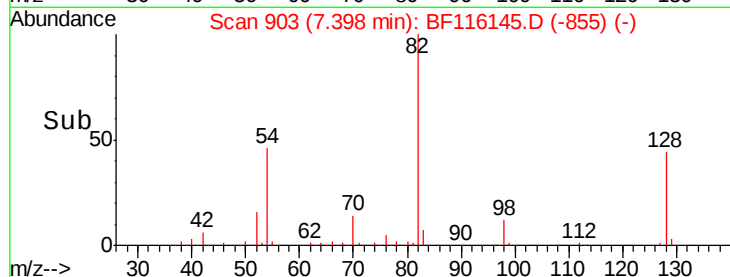
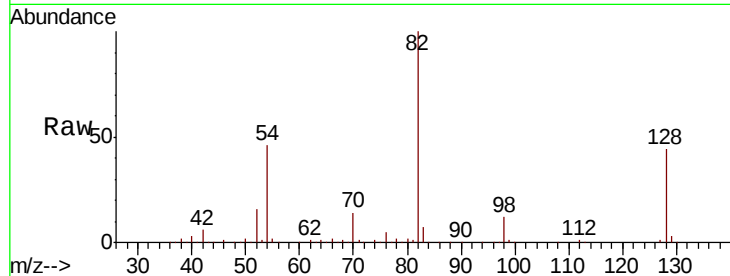




#23
 Nitrobenzene-d5
 Concen: 67.155 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116145.D
 Acq: 10 Aug 2019 12:42

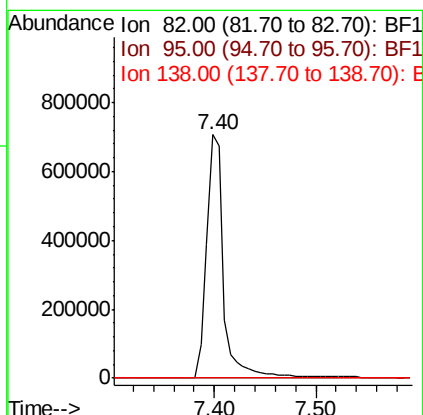
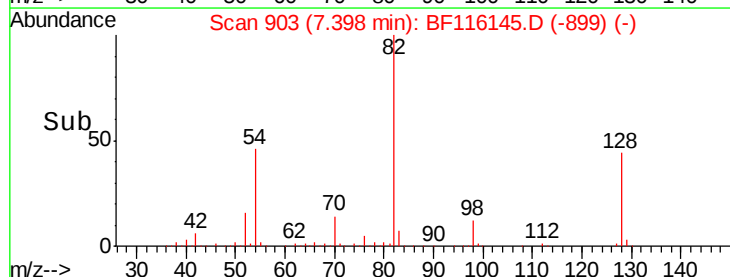
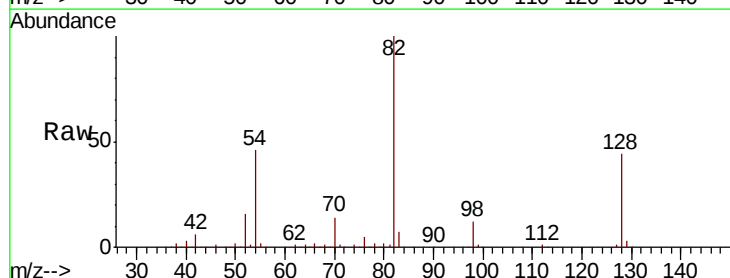
Instrument :
 BNA_F
 ClientSampled :

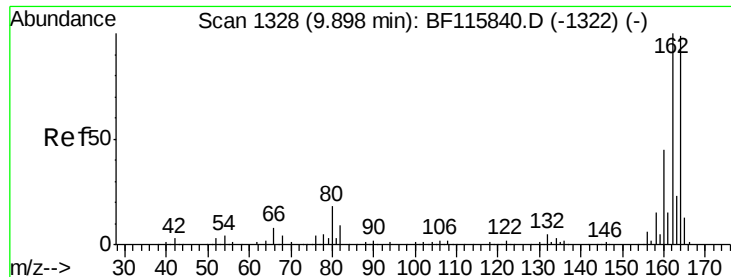
Tot Ion: 82 Resp: 822247
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.5 54.7
 54 46.2 36.0 54.0



#25
 Isophorone
 Concen: 35.120 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.28 min
 Lab File: BF116145.D
 Acq: 10 Aug 2019 12:42

Tgt Ion: 82 Resp: 822240
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 14.5 21.7#

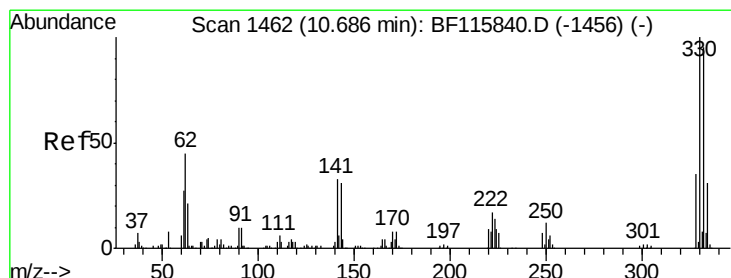
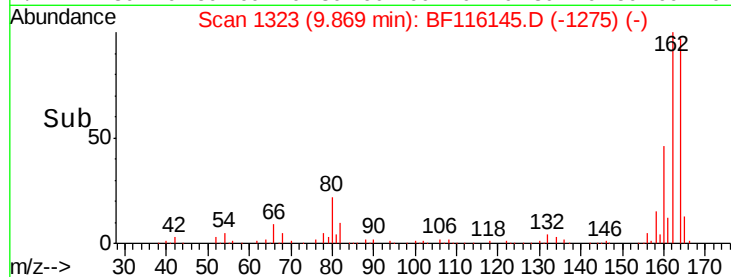
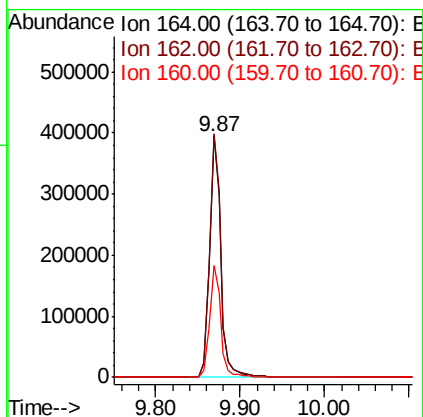
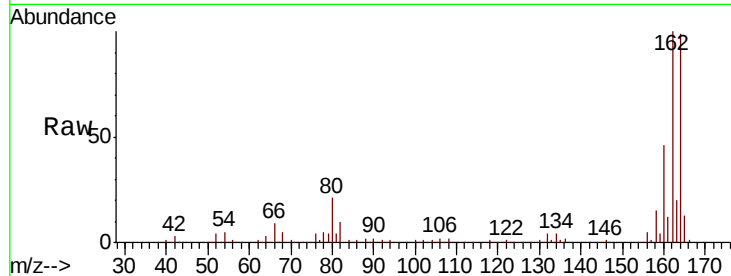




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116145.D
 Acq: 10 Aug 2019 12:42

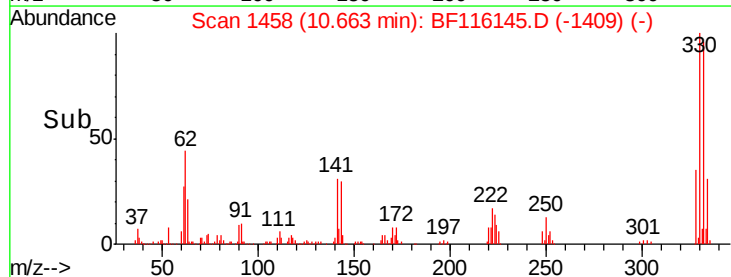
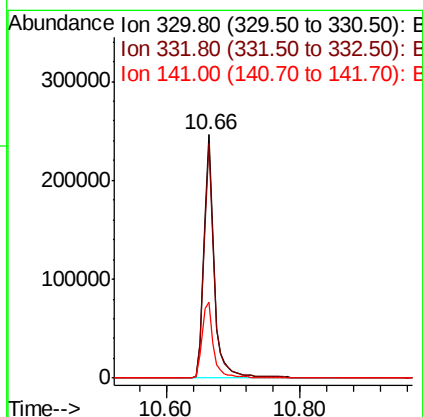
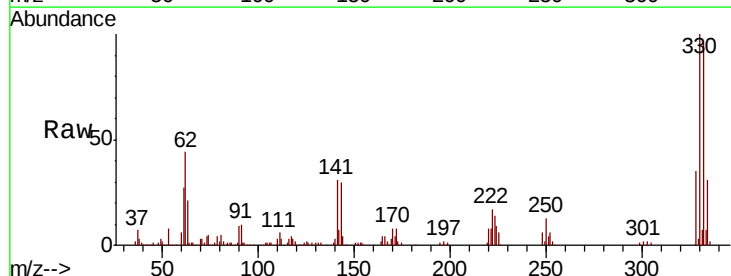
Instrument :
 BNA_F
 ClientSampleId :

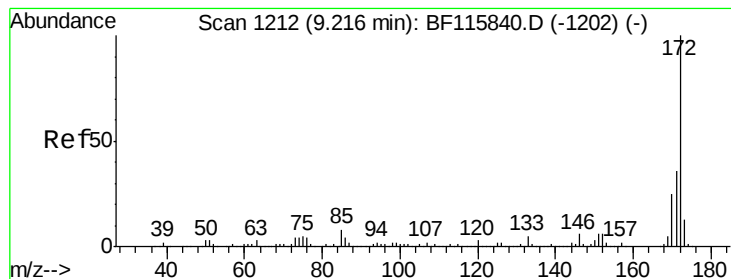
Tot Ion:164 Resp: 370392
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 124.0
 160 46.2 37.6 56.4



#42
 2,4,6-Tribromophenol
 Concen: 72.940 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116145.D
 Acq: 10 Aug 2019 12:42

Tgt Ion:330 Resp: 261933
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 34.3 26.3 39.5





#45

2-Fluorobiphenyl

Concen: 66.943 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116145.D

Acq: 10 Aug 2019 12:42

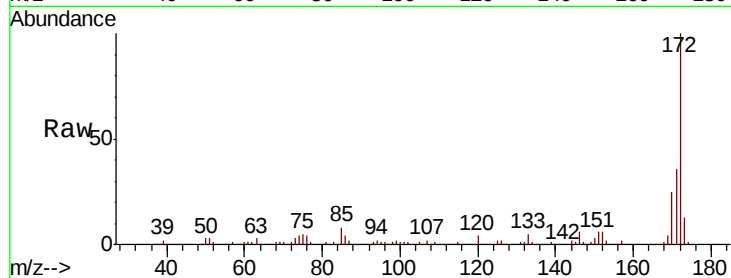
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1323766

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.8	20.1	30.1

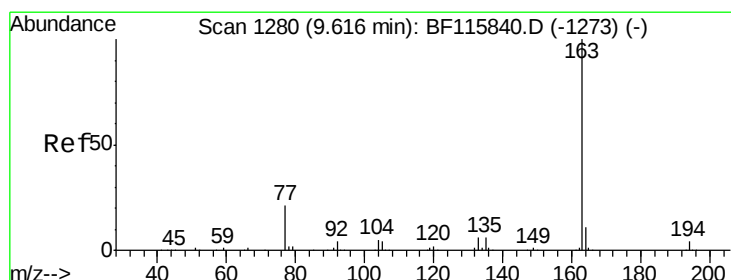
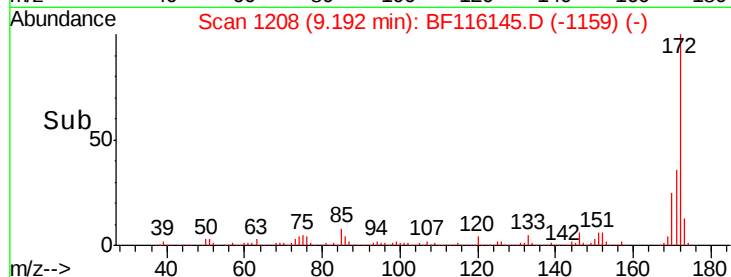
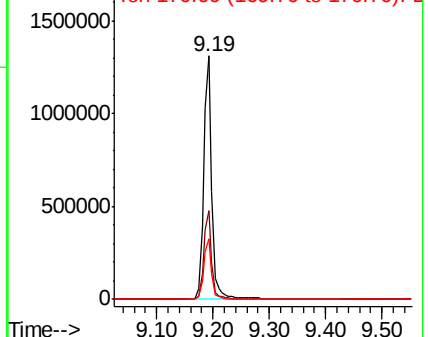


Abundance

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



#50

Dimethylphthalate

Concen: 4.727 ng

RT: 9.59 min Scan# 1275

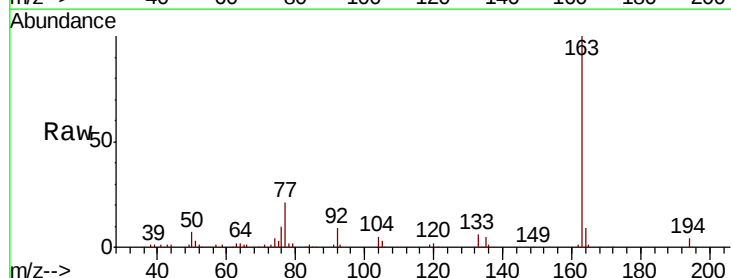
Delta R.T. -0.02 min

Lab File: BF116145.D

Acq: 10 Aug 2019 12:42

Tgt Ion:163 Resp: 119218

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.5	8.4	12.6

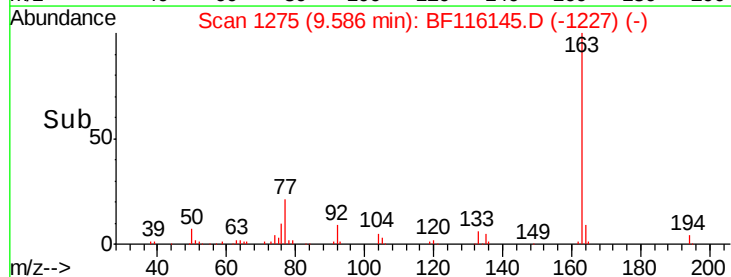
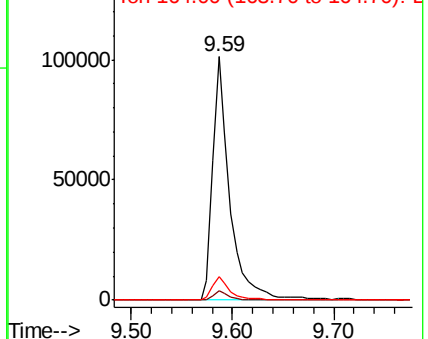


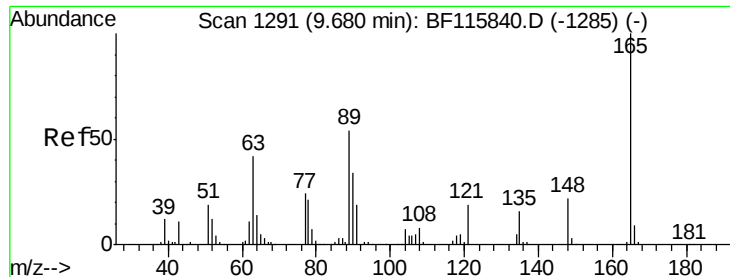
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

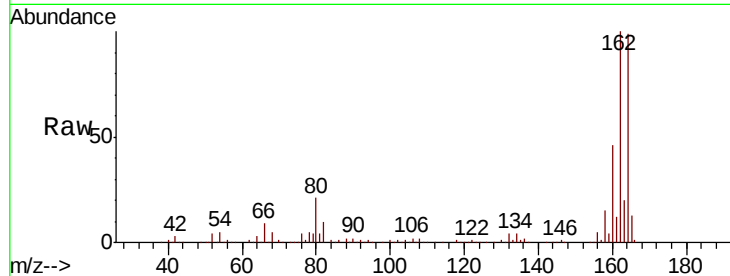




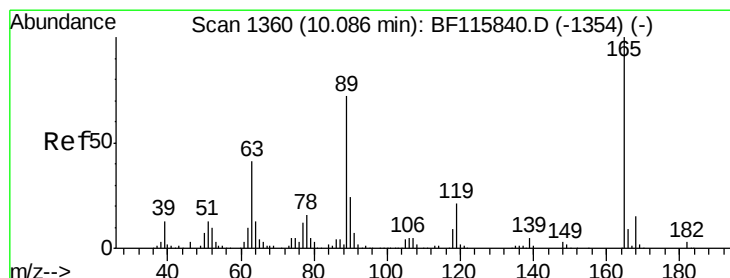
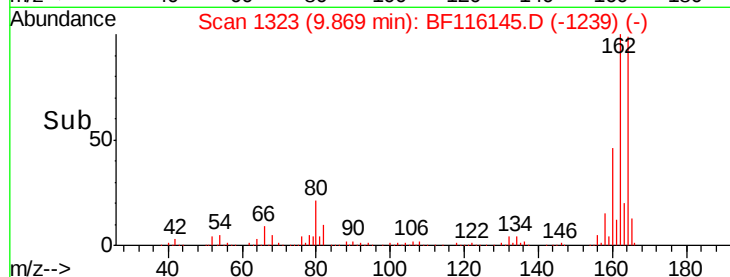
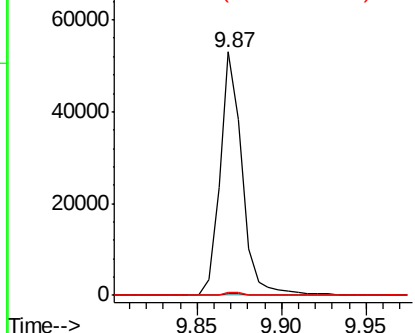
#51
 2,6-Dinitrotoluene
 Concen: 8.820 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116145.D
 Acq: 10 Aug 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.2	57.2#
89	1.3	42.9	64.3#



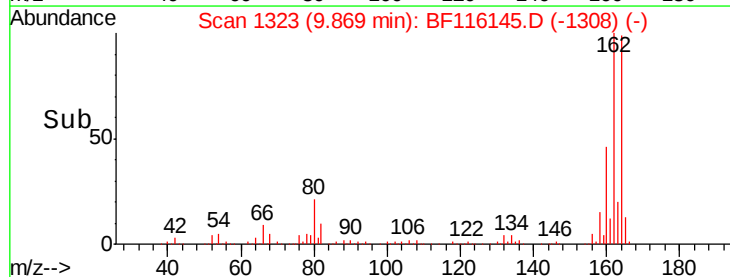
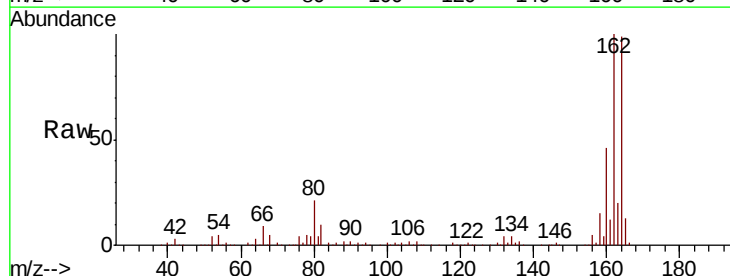
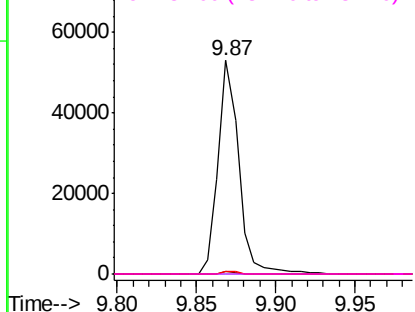
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

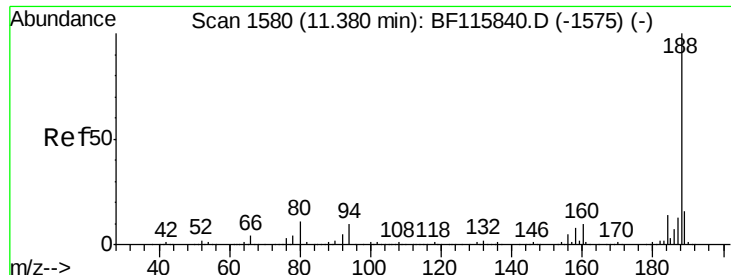


#57
 2,4-Dinitrotoluene
 Concen: 6.625 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116145.D
 Acq: 10 Aug 2019 12:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#

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

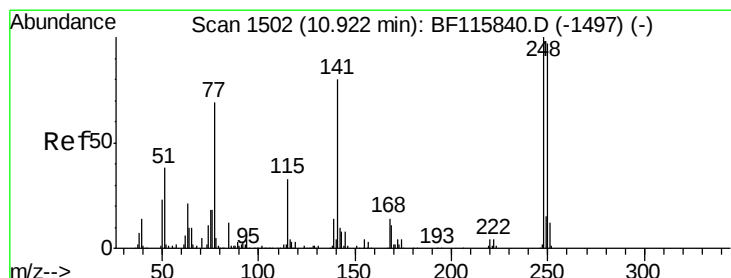
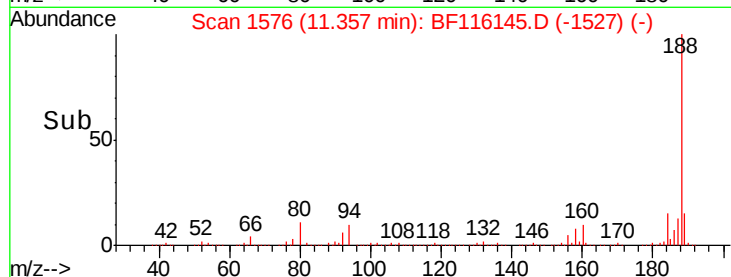
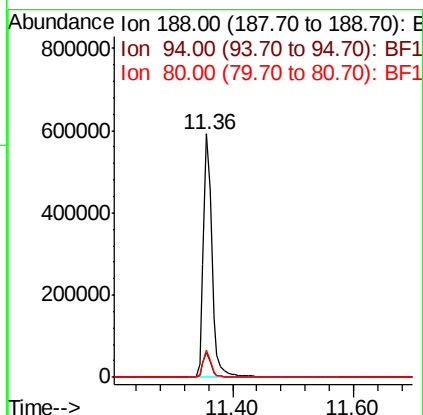
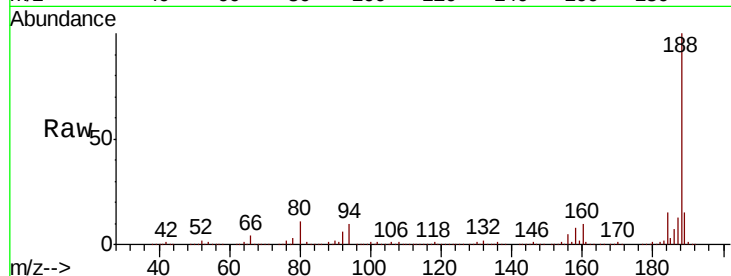




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116145.D
 Acq: 10 Aug 2019 12:42

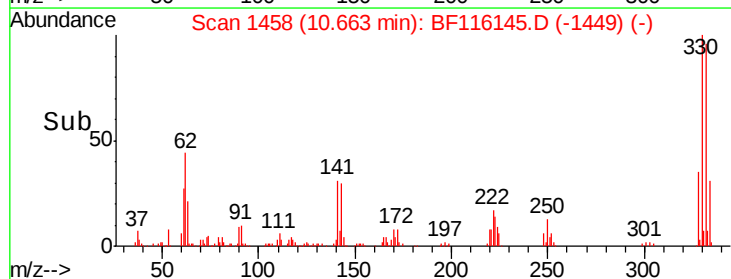
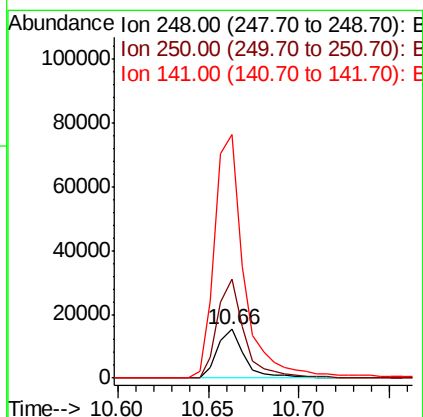
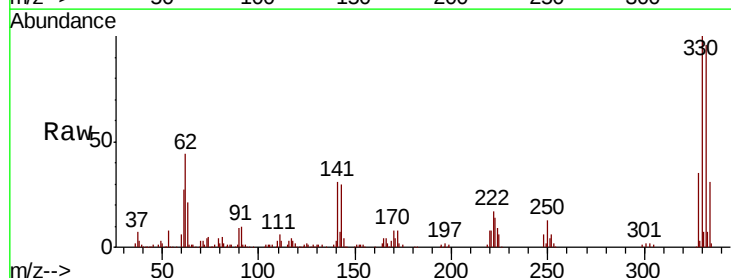
Instrument :
 BNA_F
 ClientSampleId :

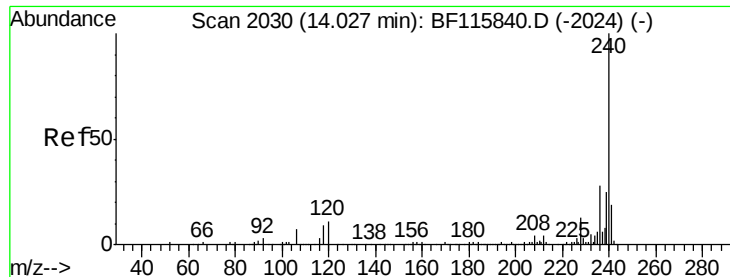
Tot Ion:188 Resp: 587420
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.1 12.1
 80 11.1 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.581 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116145.D
 Acq: 10 Aug 2019 12:42

Tgt Ion:248 Resp: 16232
 Ion Ratio Lower Upper
 248 100
 250 205.1 77.4 116.2#
 141 501.5 56.8 85.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116145.D

Acq: 10 Aug 2019 12:42

Instrument :

BNA_F

ClientSampleId :

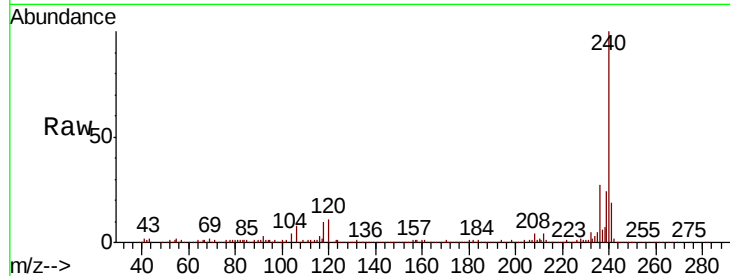
Tot Ion:240 Resp: 311645

Ion Ratio Lower Upper

240 100

120 10.9 10.7 16.1

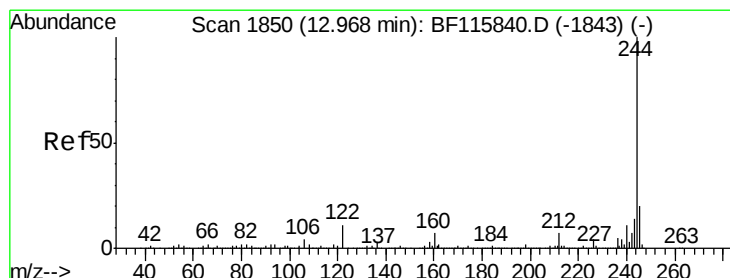
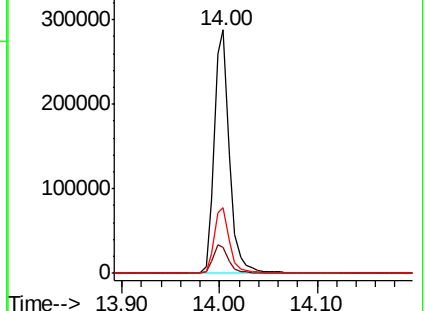
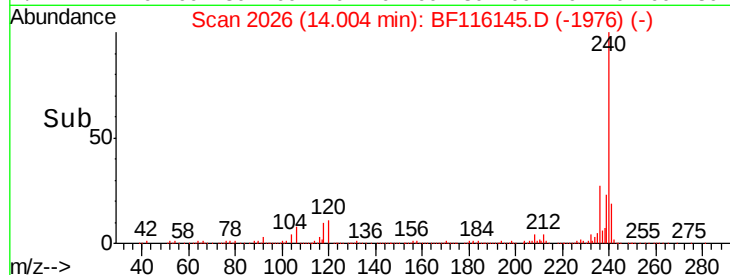
236 26.8 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 77.838 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116145.D

Acq: 10 Aug 2019 12:42

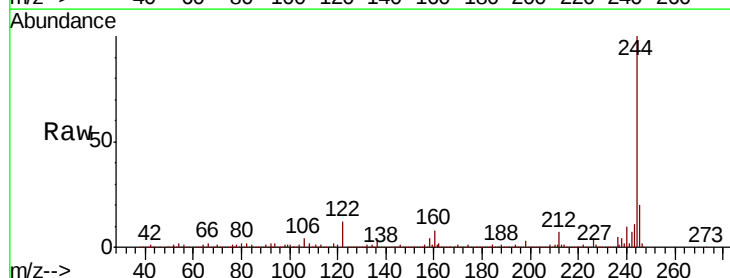
Tgt Ion:244 Resp: 1151210

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

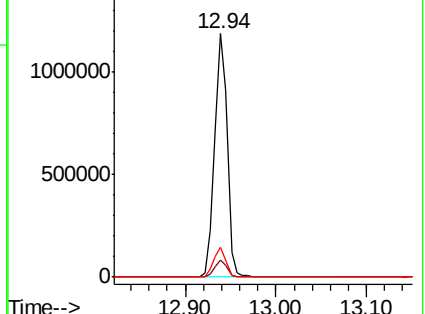
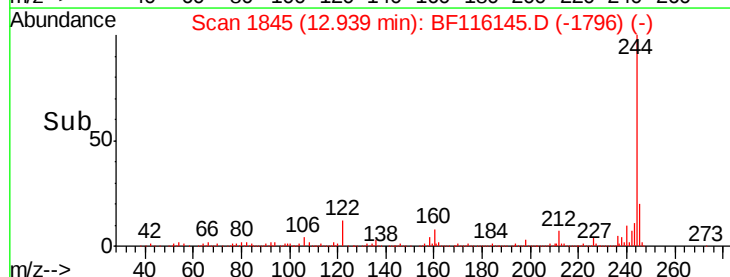
122 12.2 9.0 13.4

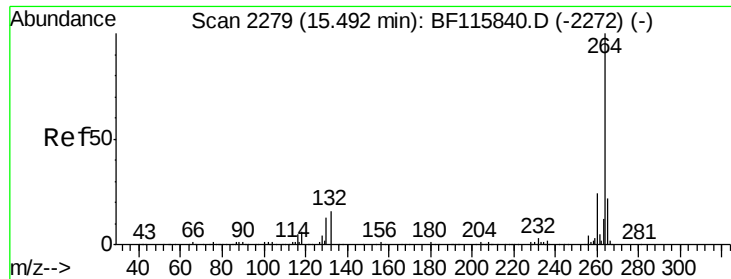


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

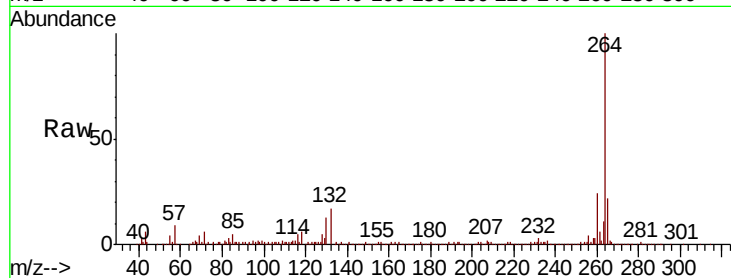




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116145.D
 Acq: 10 Aug 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.6	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

