

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116101.D
 Acq On : 9 Aug 2019 9:43
 Operator : HP/JU
 Sample : PB122079BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 02:08:46 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

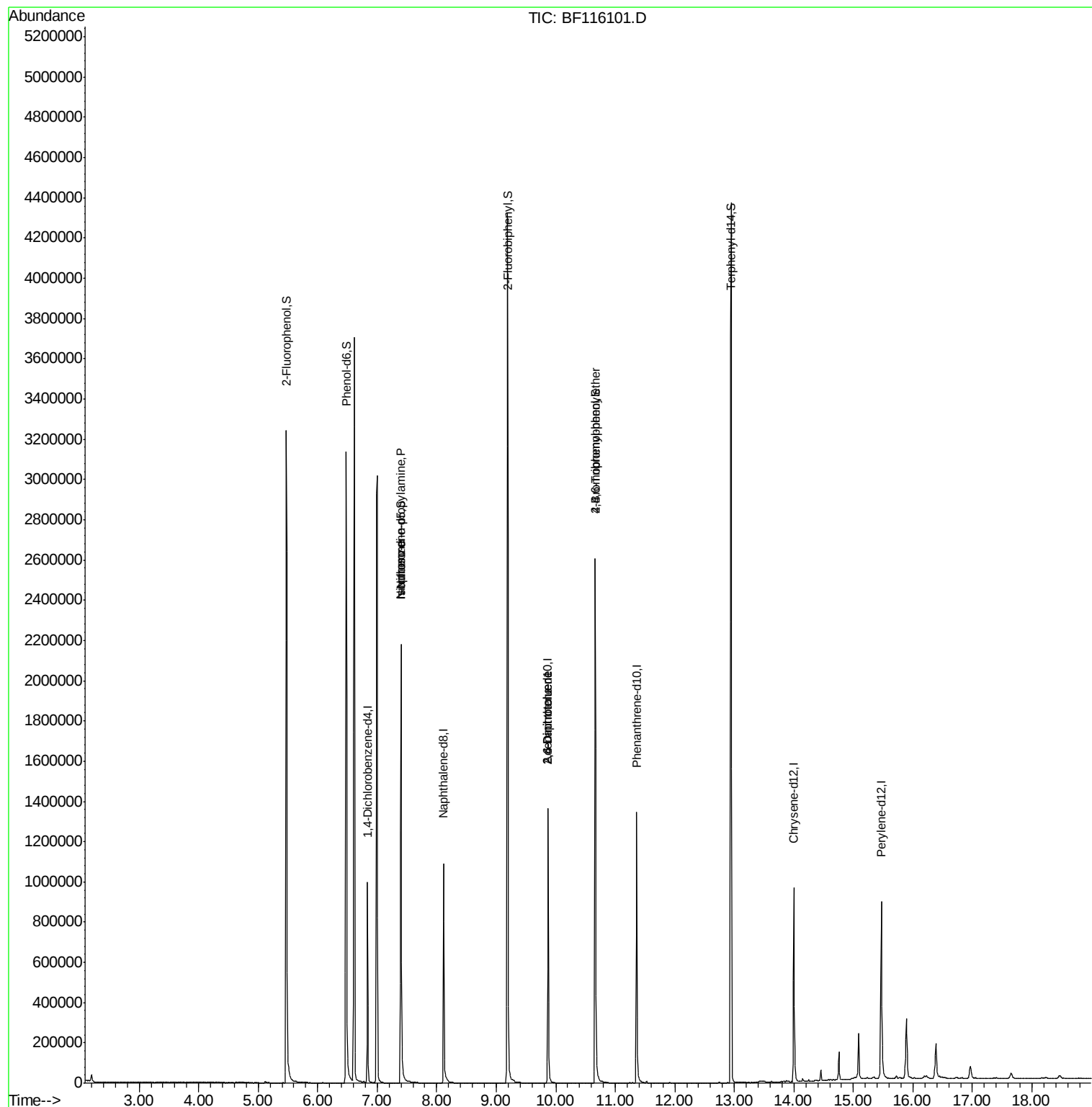
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154432	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	596757	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	312523	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	549945	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	389827	20.00	ng	-0.01
87) Perylene-d12	15.47	264	362779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1084466	117.56	ng	0.00
7) Phenol-d6	6.48	99	1404742	120.69	ng	0.00
23) Nitrobenzene-d5	7.40	82	924690	89.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	374143	123.48	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1548298	92.80	ng	-0.01
79) Terphenyl-d14	12.94	244	1696613	91.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	121166	16.800	ng	# 78
25) Isophorone	7.40	82	919992	46.539	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	40156	8.684	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	40156	6.522	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	22980	3.903	ng	# 1

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

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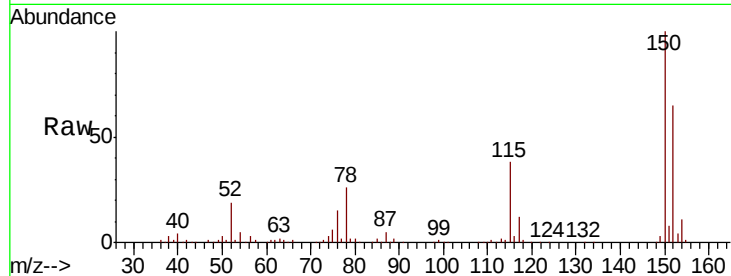


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116101.D
Acq: 9 Aug 2019 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	58.2	49.9	74.9

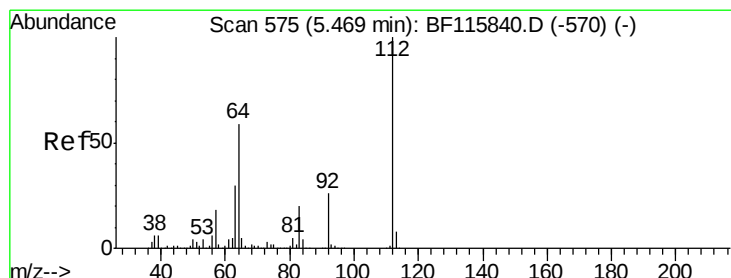
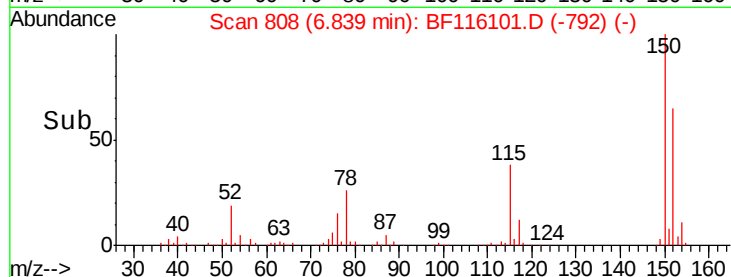
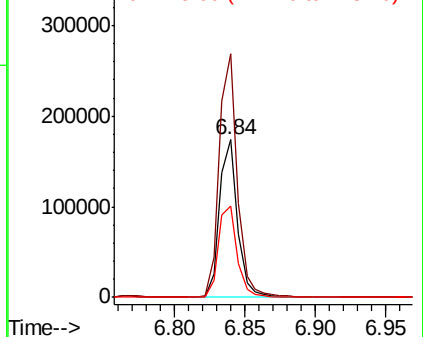


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

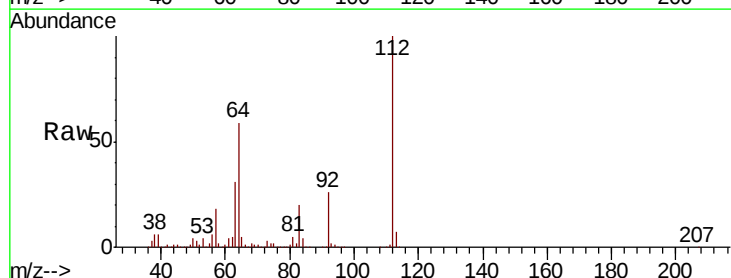
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.557 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116101.D
Acq: 9 Aug 2019 9:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	45.4	68.2
63	30.8	23.7	35.5

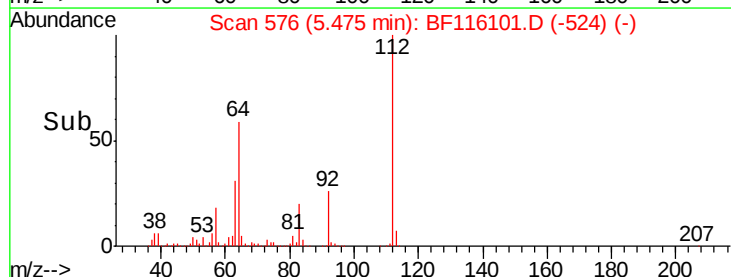
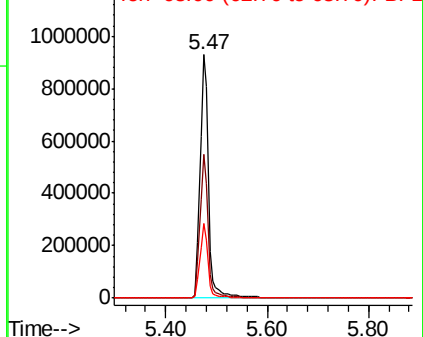


Abundance

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: 120.693 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116101.D

Acq: 9 Aug 2019 9:43

Instrument :

BNA_F

ClientSampleId :

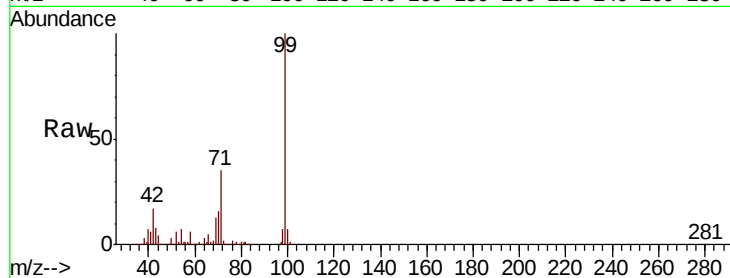
Tot Ion: 99 Resp: 1404742

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	34.5	27.3	40.9

99 100

42 17.1 13.8 20.8

71 34.5 27.3 40.9

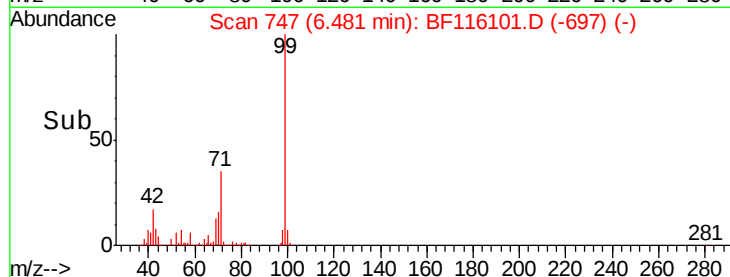
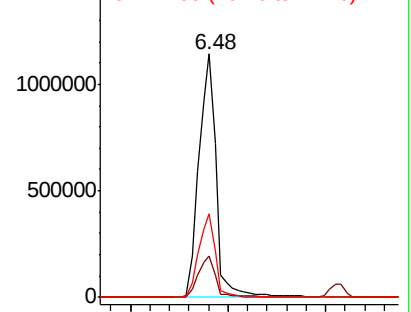


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 16.800 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116101.D

Acq: 9 Aug 2019 9:43

Tgt Ion: 70 Resp: 121166

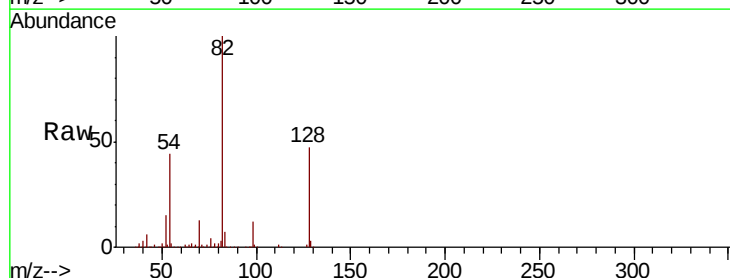
Ion	Ratio	Lower	Upper
70	100		
42	42.1	40.9	61.3
101	0.0	7.9	11.9#
130	2.1	16.9	25.3#

70 100

42 42.1 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#



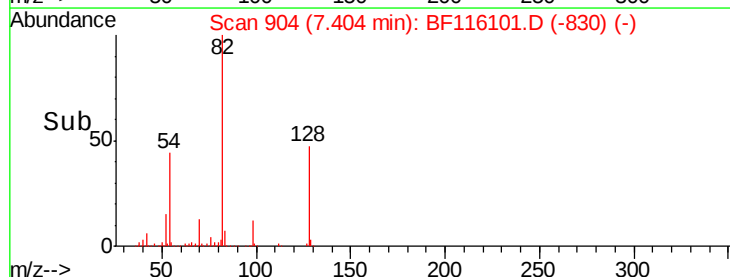
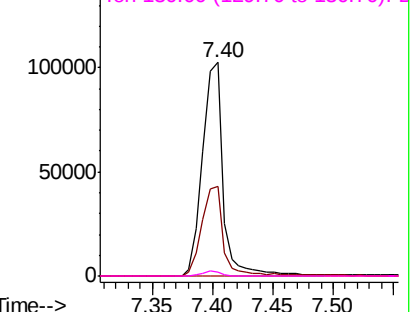
Abundance

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

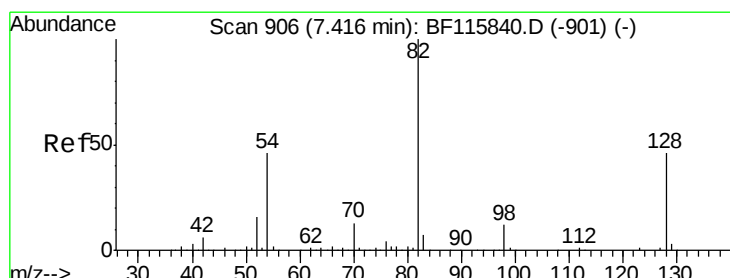
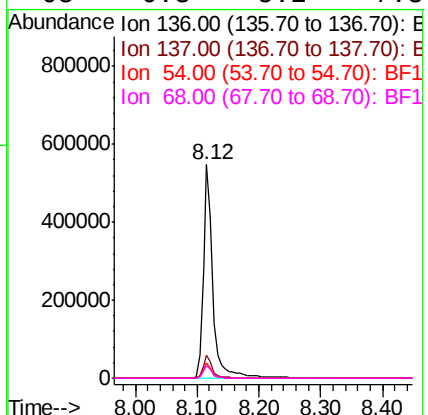
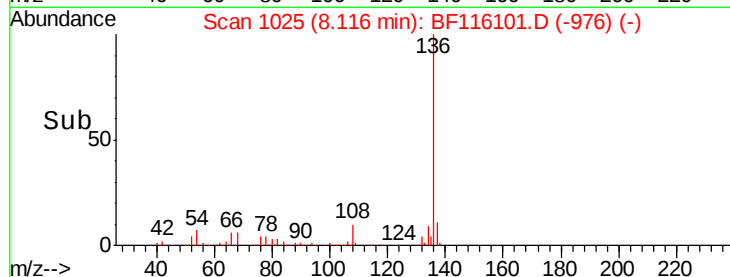
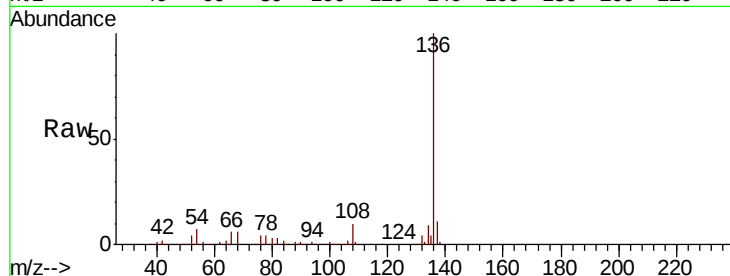




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116101.D
Acq: 9 Aug 2019 9:43

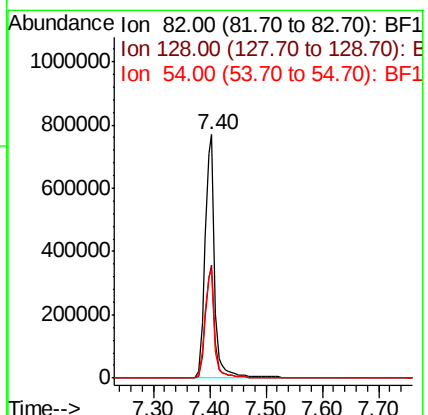
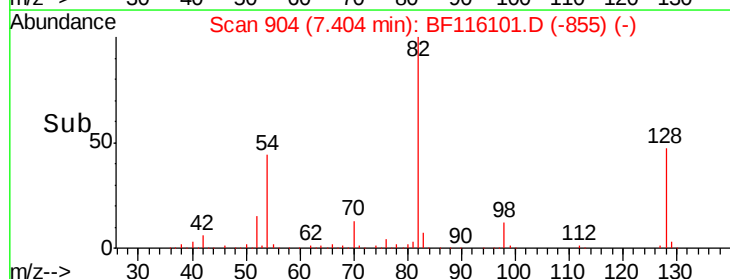
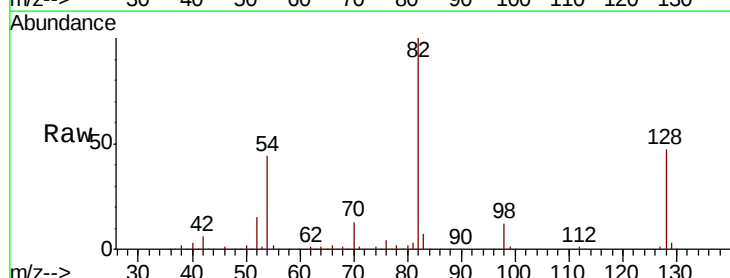
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	596757
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.4
54	7.0	5.8 8.6
68	6.3	5.2 7.8



#23
Nitrobenzene-d5
Concen: 89.443 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116101.D
Acq: 9 Aug 2019 9:43

Tgt Ion: 82	Resp:	924690
Ion Ratio	Lower	Upper
82	100	
128	46.6	36.5 54.7
54	44.1	36.0 54.0

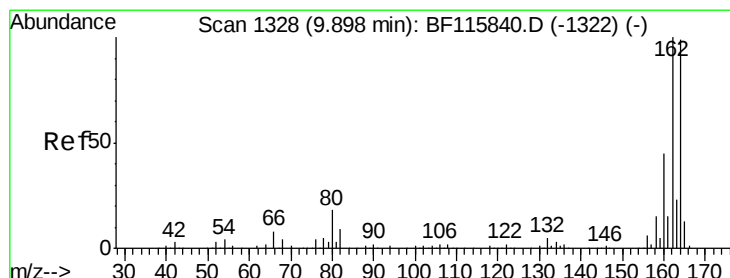
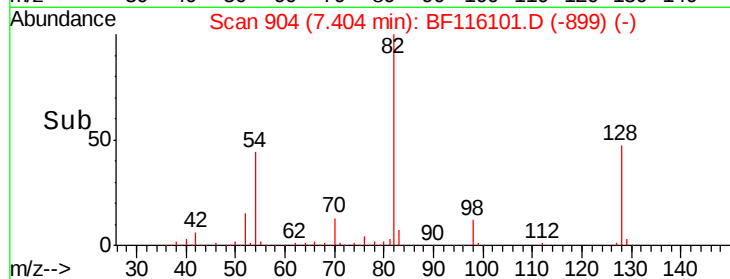
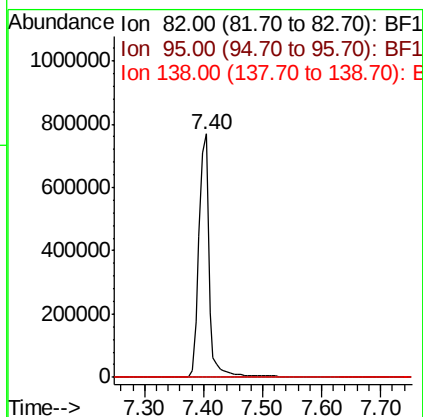
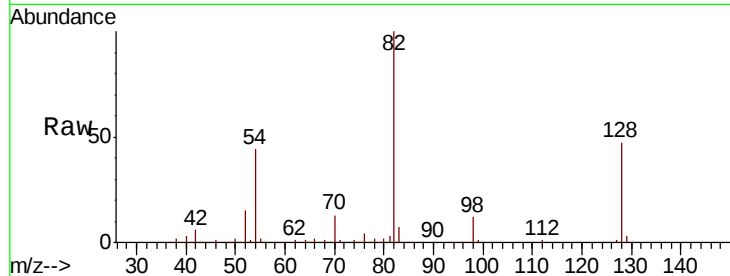




#25
Isophorone
Concen: 46.539 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116101.D
Acq: 9 Aug 2019 9:43

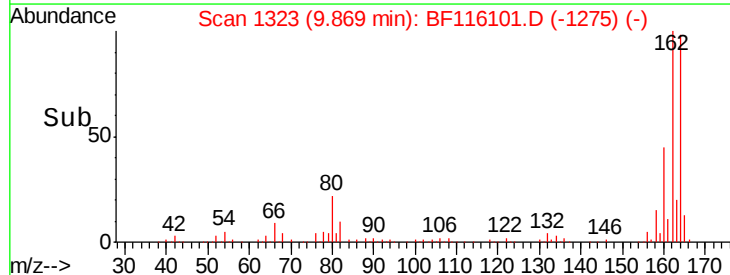
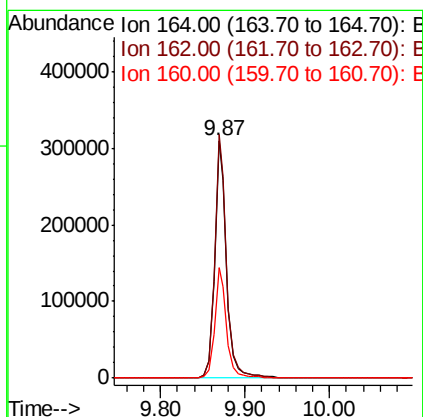
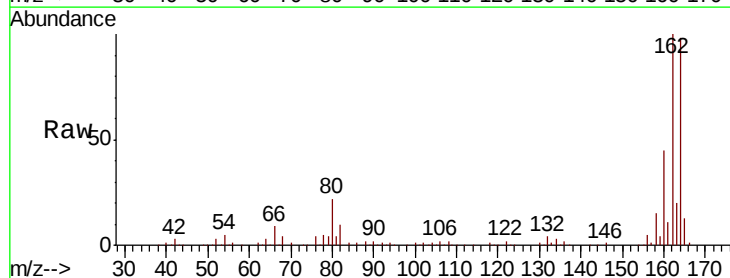
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 919992
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: BF116101.D
Acq: 9 Aug 2019 9:43

Tgt Ion: 164 Resp: 312523
Ion Ratio Lower Upper
164 100
162 102.5 82.6 124.0
160 46.6 37.6 56.4

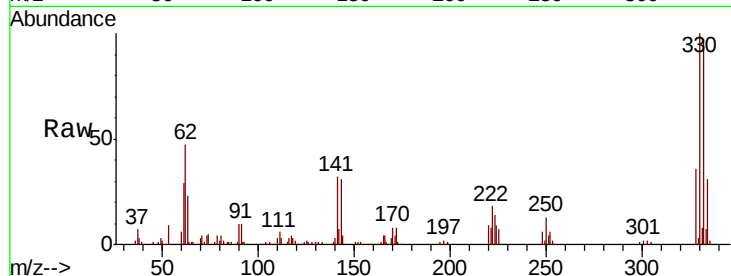




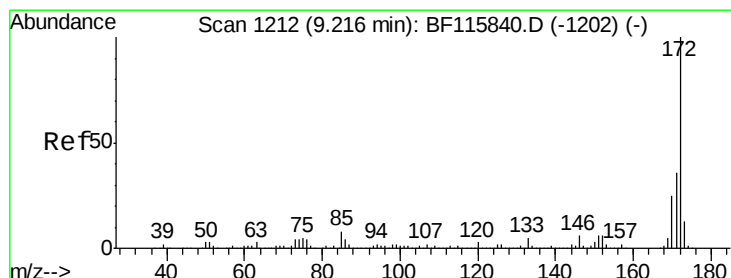
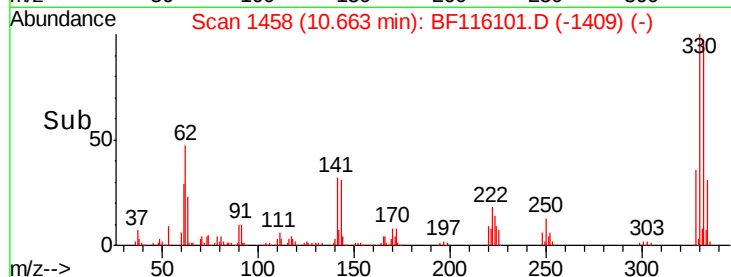
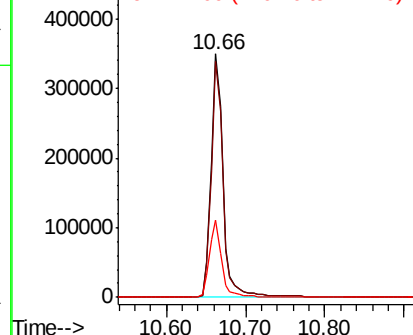
#42
 2,4,6-Tribromophenol
 Concen: 123.480 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116101.D
 Acq: 9 Aug 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 374143
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 32.7 26.3 39.5

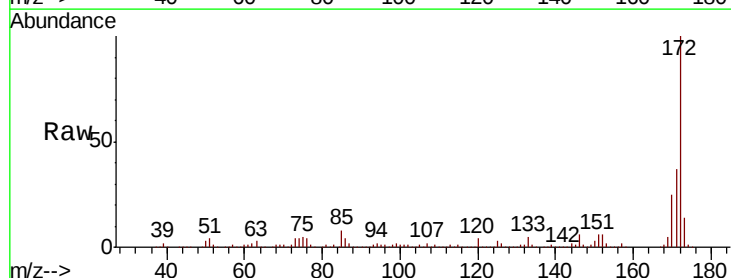


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

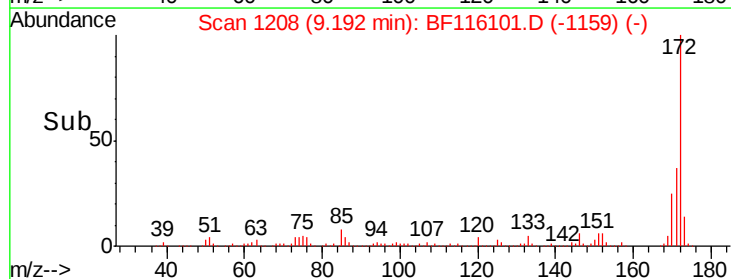
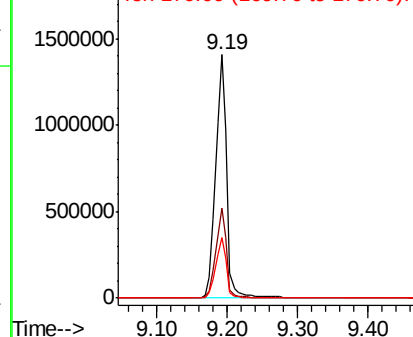


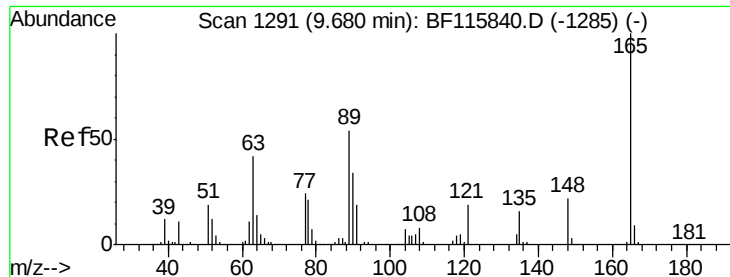
#45
 2-Fluorobiphenyl
 Concen: 92.796 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116101.D
 Acq: 9 Aug 2019 9:43

Tgt Ion:172 Resp: 1548298
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

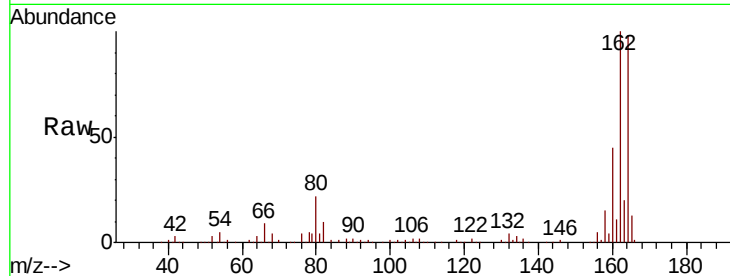




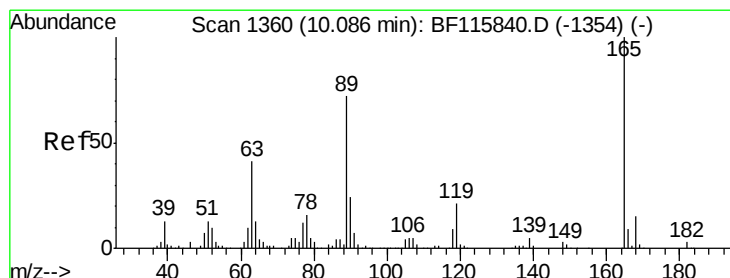
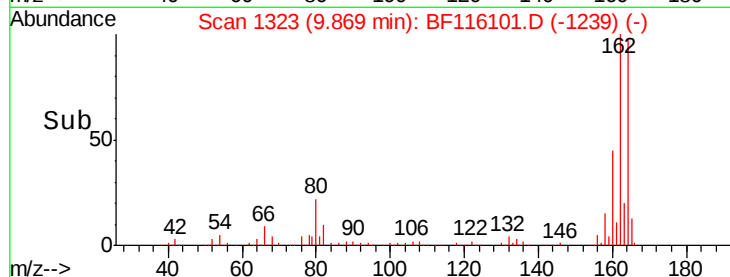
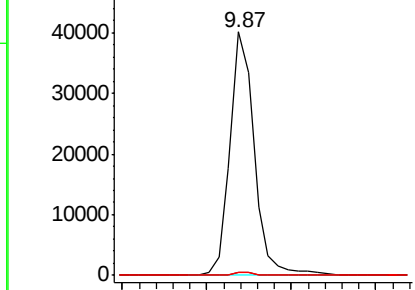
#51
 2,6-Dinitrotoluene
 Concen: 8.684 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116101.D
 Acq: 9 Aug 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.2	57.2#
89	1.4	42.9	64.3#



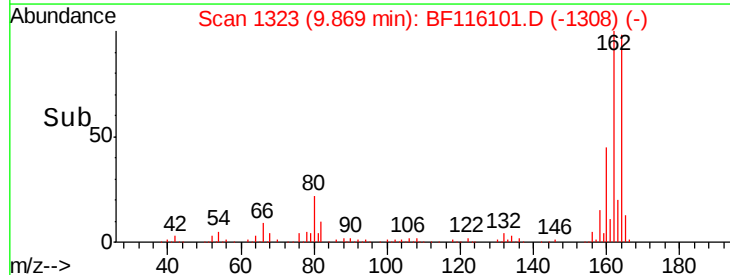
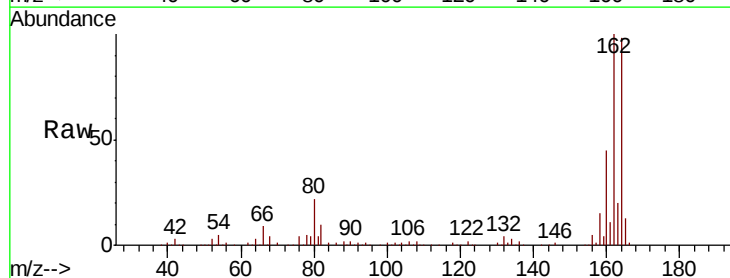
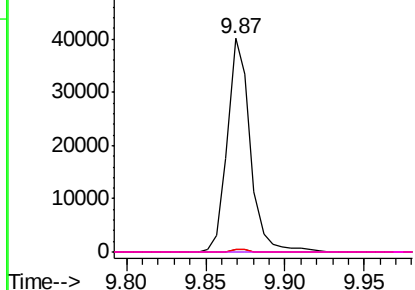
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

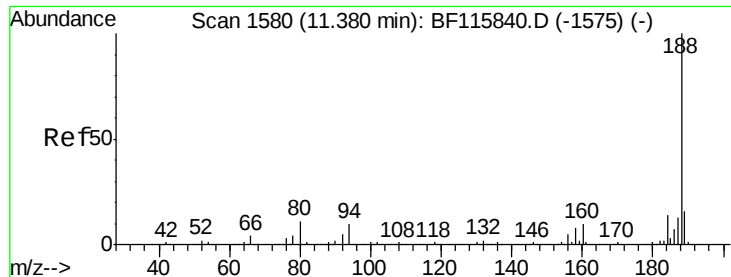


#57
 2,4-Dinitrotoluene
 Concen: 6.522 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116101.D
 Acq: 9 Aug 2019 9:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.4	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

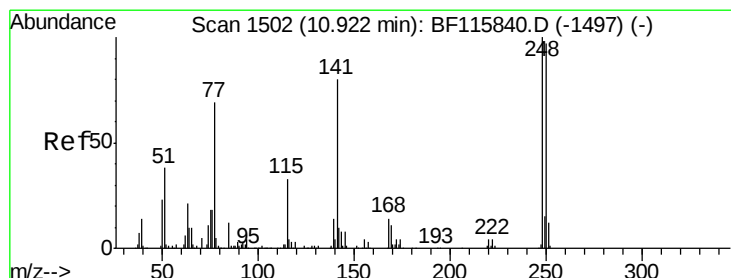
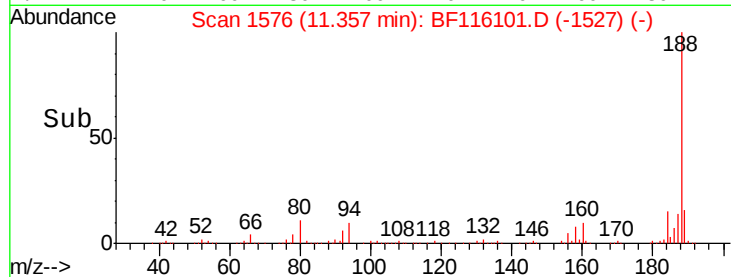
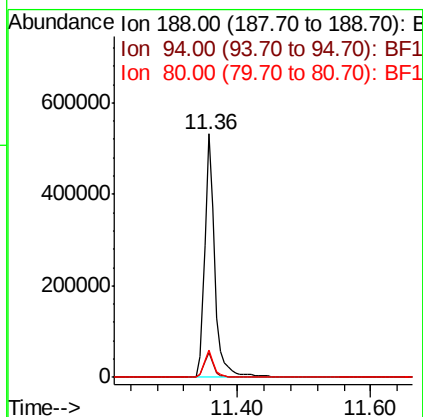
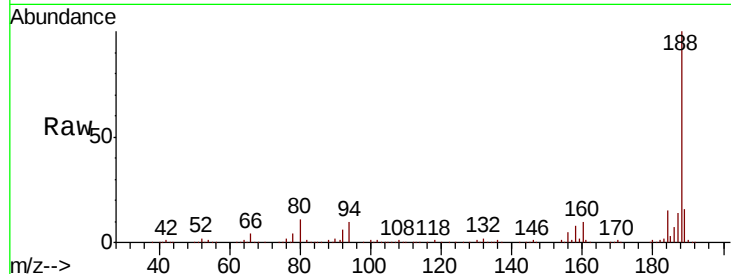




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116101.D
 Acq: 9 Aug 2019 9:43

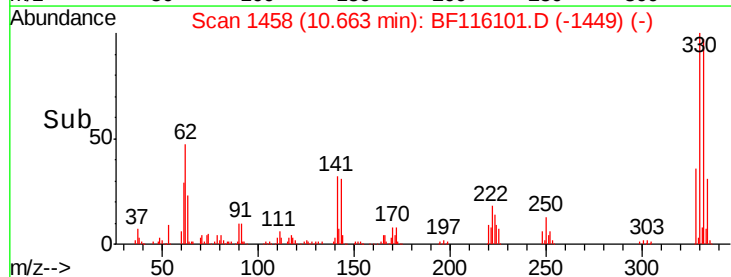
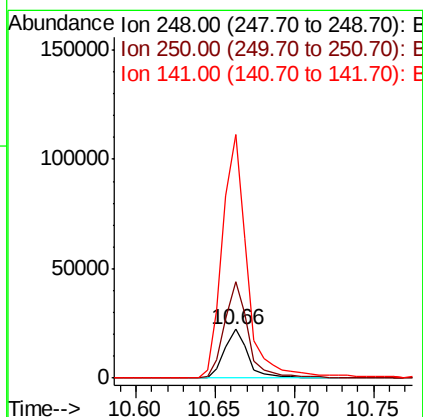
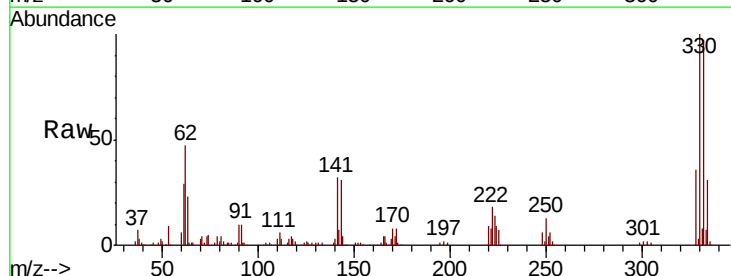
Instrument :
 BNA_F
 ClientSampleId :

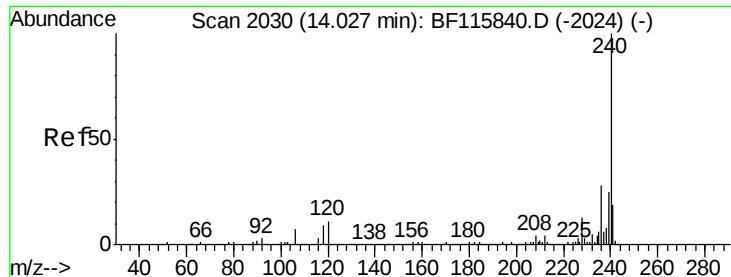
Tot Ion:188 Resp: 549945
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.1 12.1
 80 11.0 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.903 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116101.D
 Acq: 9 Aug 2019 9:43

Tgt Ion:248 Resp: 22980
 Ion Ratio Lower Upper
 248 100
 250 197.5 77.4 116.2#
 141 498.8 56.8 85.2#

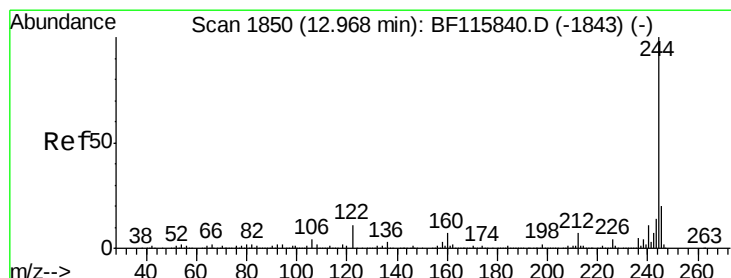
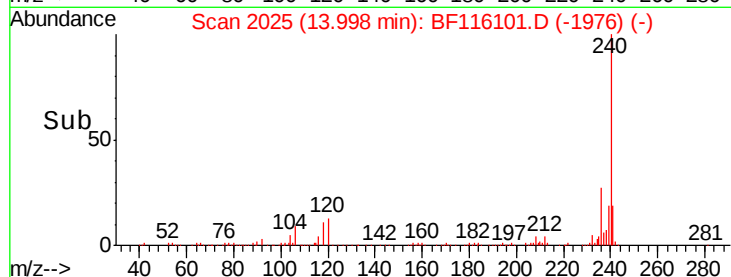
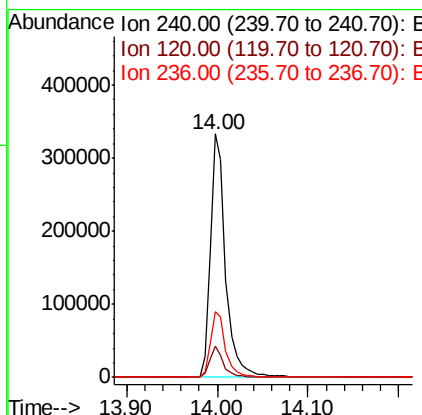
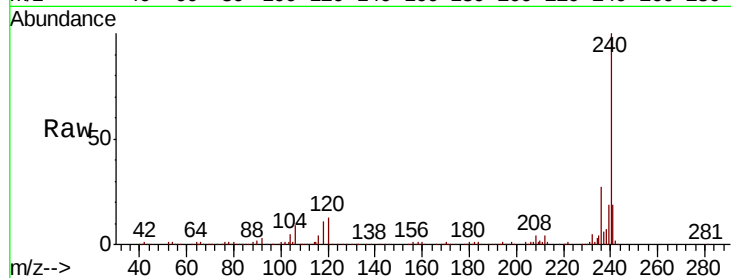




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116101.D
Acq: 9 Aug 2019 9:43

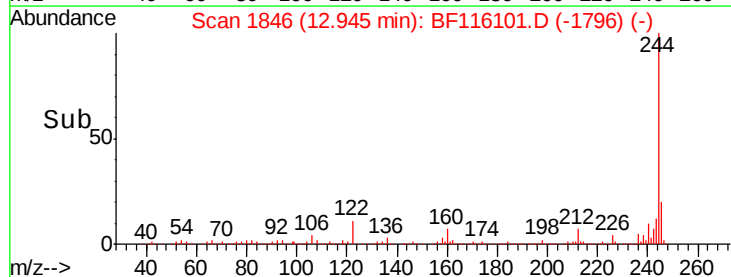
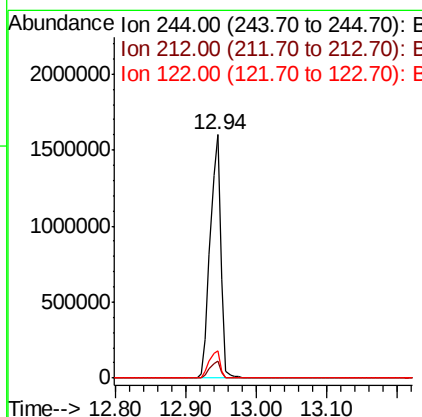
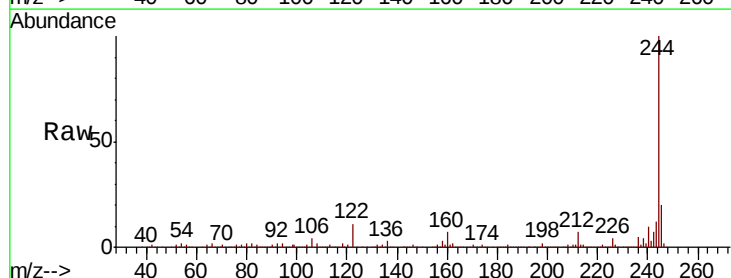
Instrument :
BNA_F
ClientSampleId :

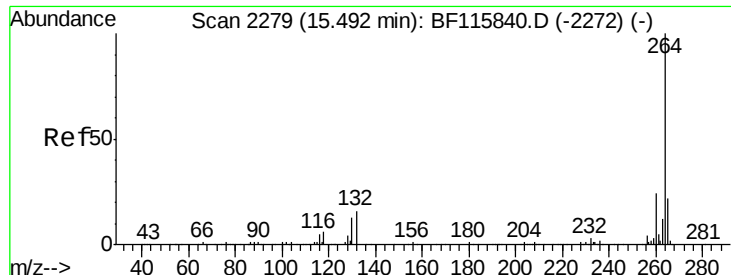
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.7	16.1
236	27.2	22.2	33.2



#79
Terphenyl-d14
Concen: 91.708 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116101.D
Acq: 9 Aug 2019 9:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.1	9.0	13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116101.D
 Acq: 9 Aug 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.2	17.4	26.0

