

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
 Data File : BF116226.D
 Acq On : 13 Aug 2019 12:44
 Operator : HP/JU
 Sample : PB122181TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122181TB

Quant Time: Aug 13 23:17:11 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

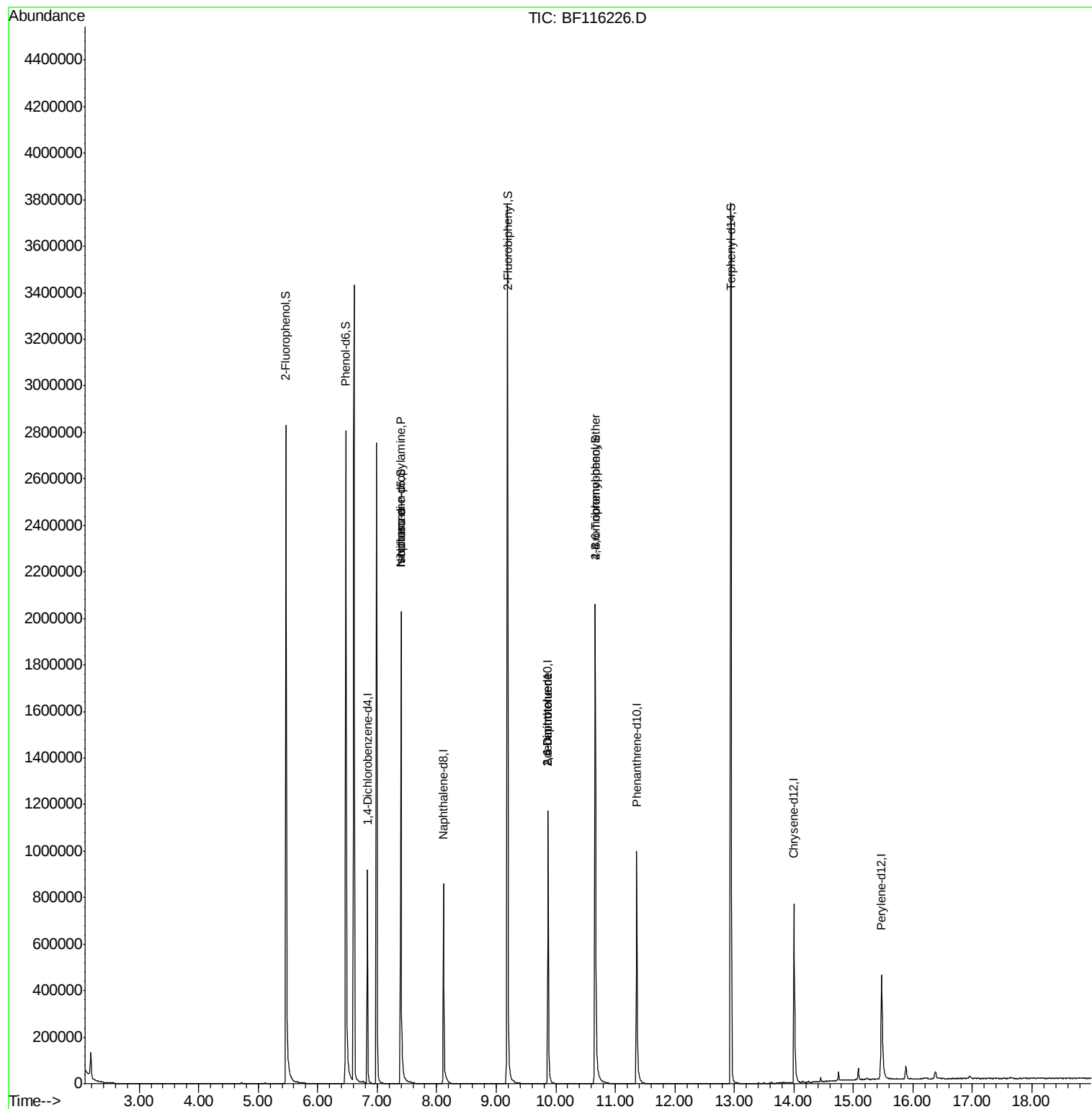
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	134157	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	520230	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	279416	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	493852	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	344107	20.00	ng	0.00
87) Perylene-d12	15.47	264	308760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	970092	121.05	ng	0.00
7) Phenol-d6	6.47	99	1271020	125.71	ng	-0.01
23) Nitrobenzene-d5	7.40	82	815741	90.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	341867	126.20	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1413907	94.78	ng	-0.01
79) Terphenyl-d14	12.95	244	1576006	96.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	105067	16.769	ng	# 79
25) Isophorone	7.40	82	815737	47.335	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	35188	8.511	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	35189	6.393	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	20100	3.802	ng	# 1

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

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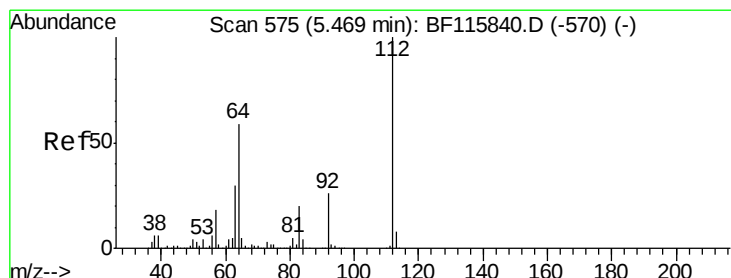
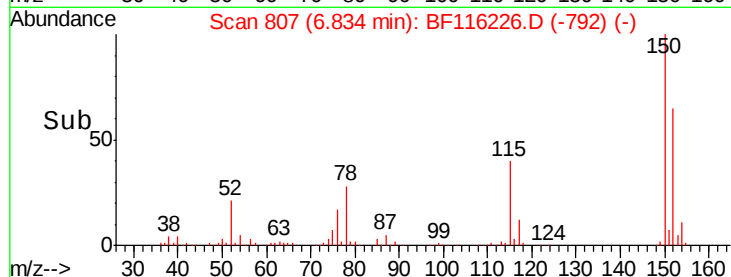
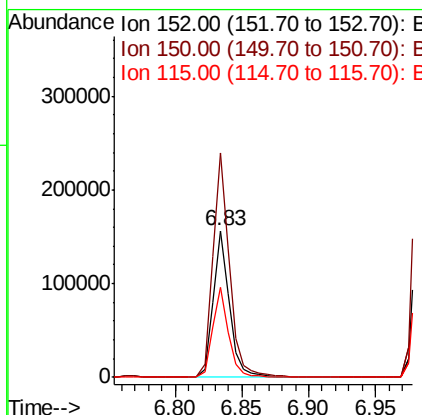
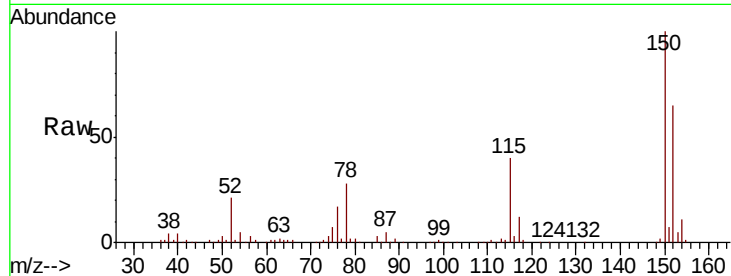




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116226.D
 Acq: 13 Aug 2019 12:44

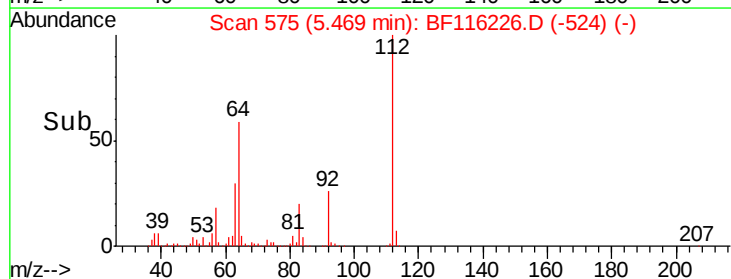
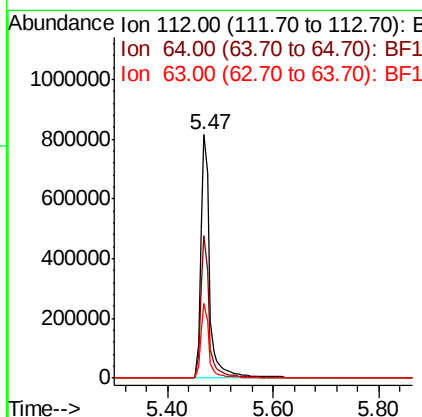
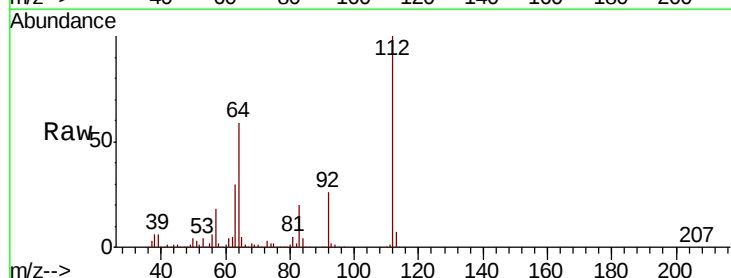
Instrument :
 BNA_F
 ClientSampleId :
 PB122181TB

Tgt Ion:152 Resp: 134157
 Ion Ratio Lower Upper
 152 100
 150 152.8 126.2 189.2
 115 61.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 121.052 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF116226.D
 Acq: 13 Aug 2019 12:44

Tgt Ion:112 Resp: 970092
 Ion Ratio Lower Upper
 112 100
 64 58.6 45.4 68.2
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 125.708 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116226.D

Acq: 13 Aug 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB122181TB

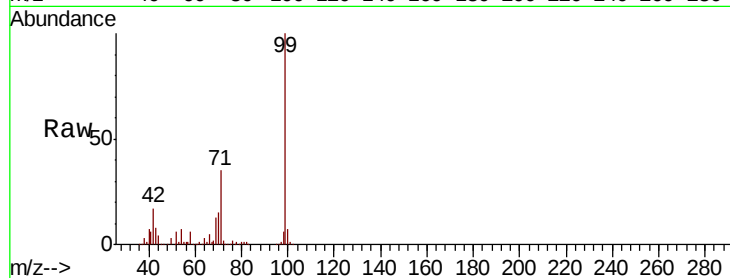
Tgt Ion: 99 Resp: 1271020

Ion Ratio Lower Upper

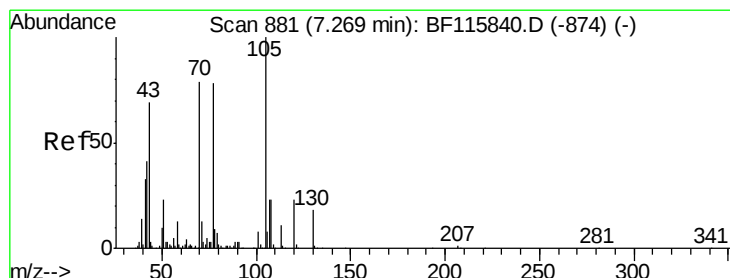
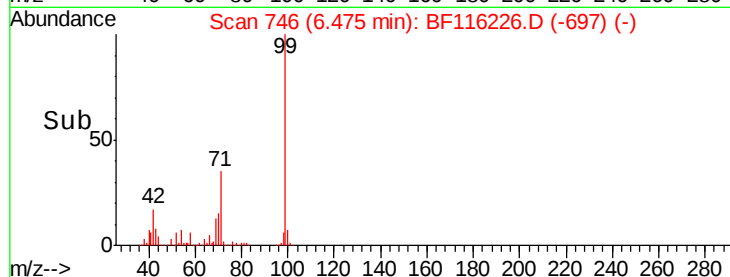
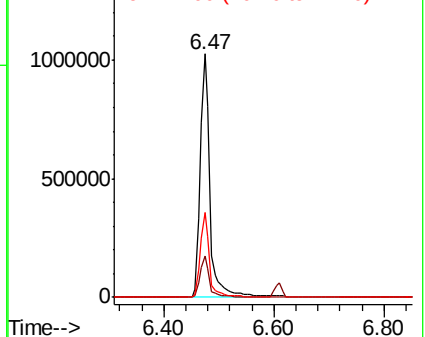
99 100

42 17.0 13.8 20.8

71 34.6 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: 16.769 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116226.D

Acq: 13 Aug 2019 12:44

Tgt Ion: 70 Resp: 105067

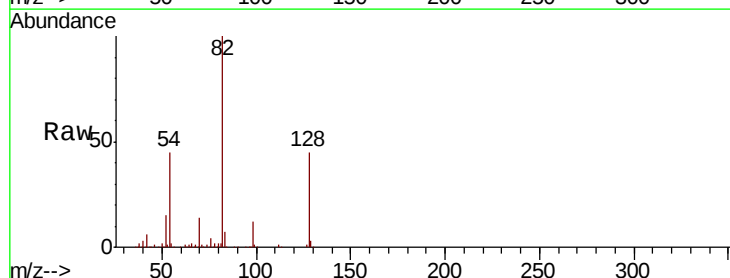
Ion Ratio Lower Upper

70 100

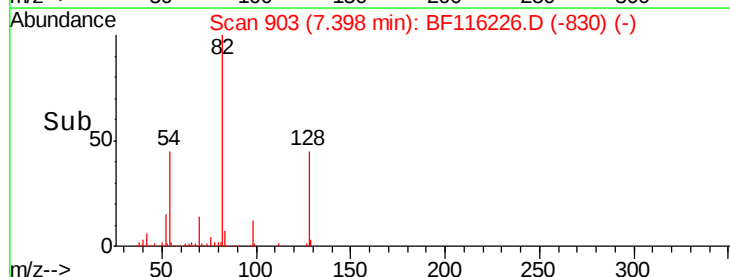
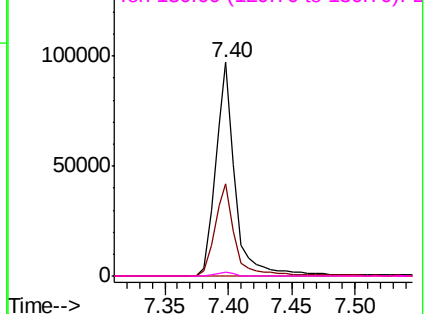
42 43.0 40.9 61.3

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): B
Ion 130.00 (129.70 to 130.70): B

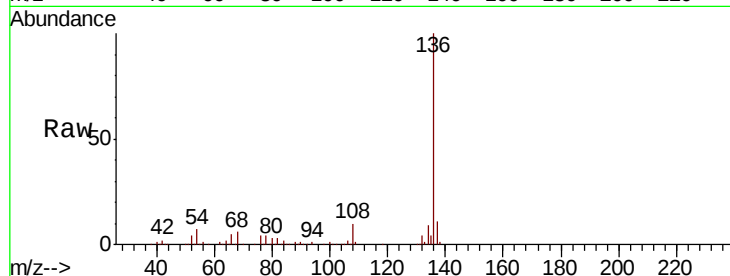




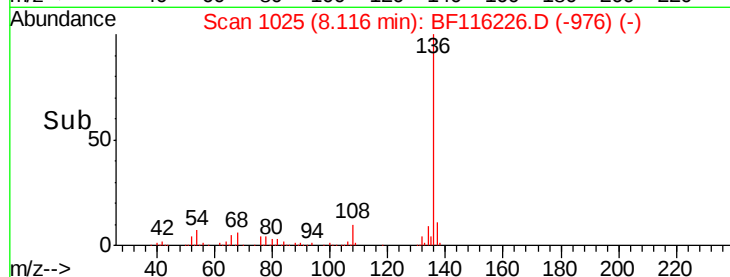
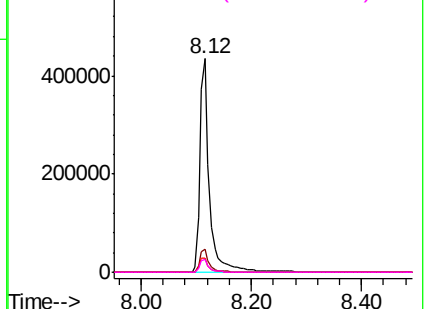
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116226.D
Acq: 13 Aug 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB122181TB

Tgt Ion:	136	Resp:	520230
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.7	5.8	8.6
68	6.0	5.2	7.8

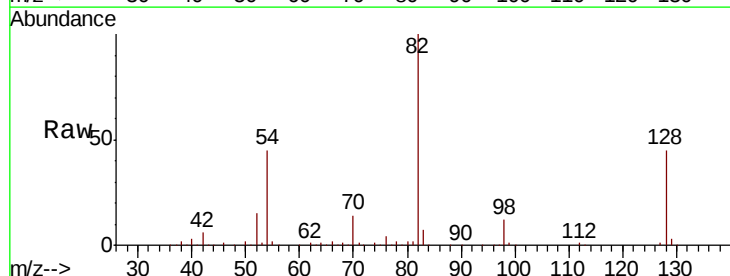


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

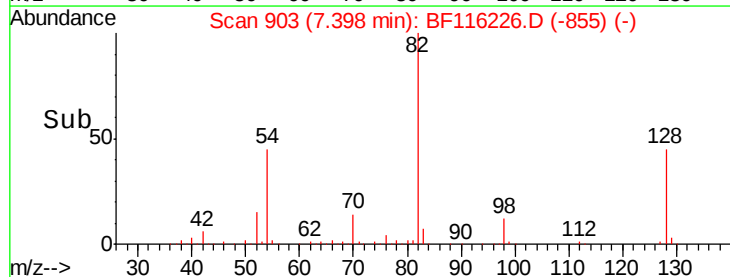
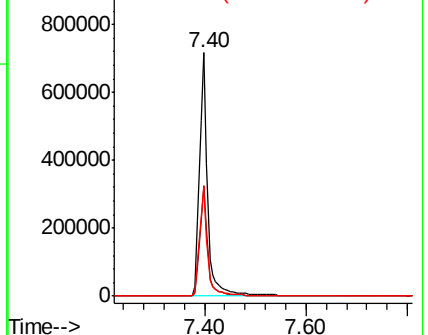


#23
Nitrobenzene-d5
Concen: 90.512 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116226.D
Acq: 13 Aug 2019 12:44

Tgt Ion:	82	Resp:	815741
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.5	54.7
54	44.7	36.0	54.0



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: 47.335 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116226.D

Acq: 13 Aug 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB122181TB

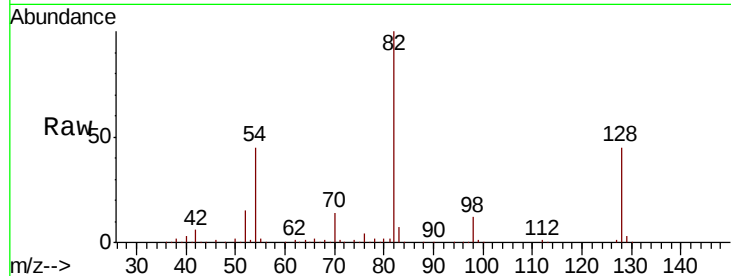
Tgt Ion: 82 Resp: 815737

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

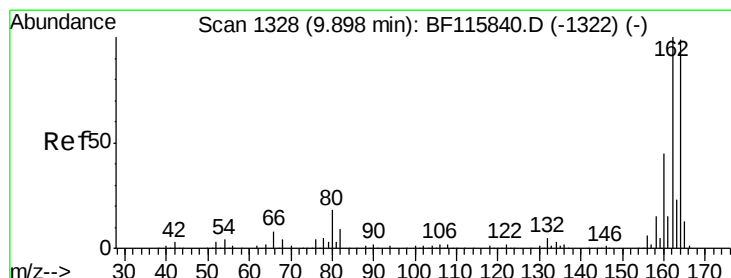
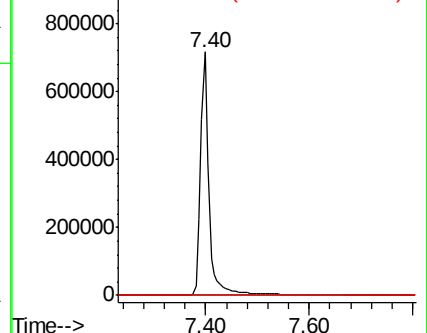
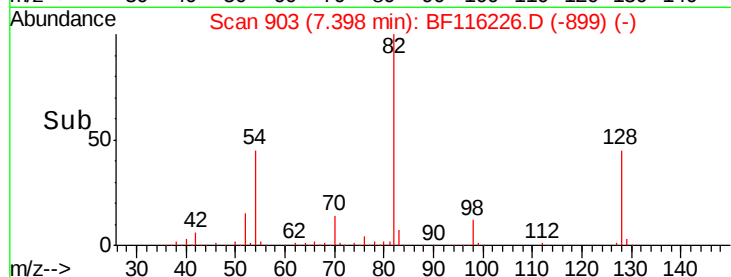
138 0.0 14.5 21.7#



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: BF116226.D

Acq: 13 Aug 2019 12:44

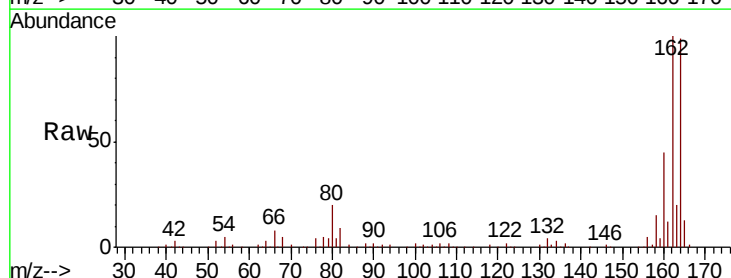
Tgt Ion: 164 Resp: 279416

Ion Ratio Lower Upper

164 100

162 101.4 82.6 124.0

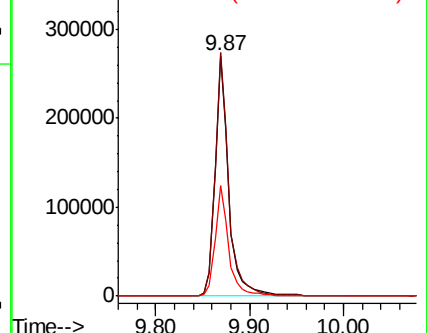
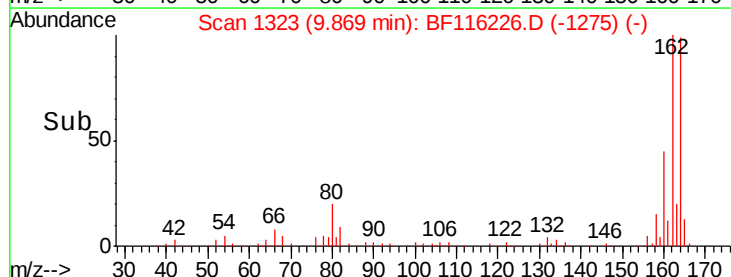
160 45.9 37.6 56.4



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

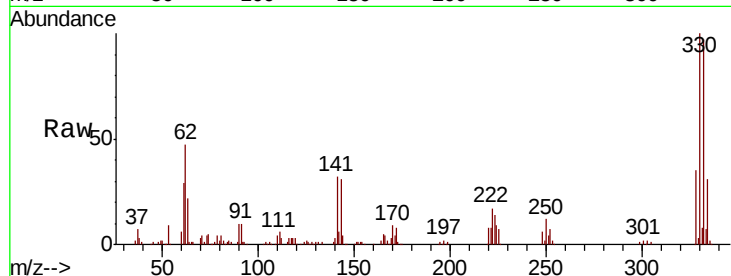




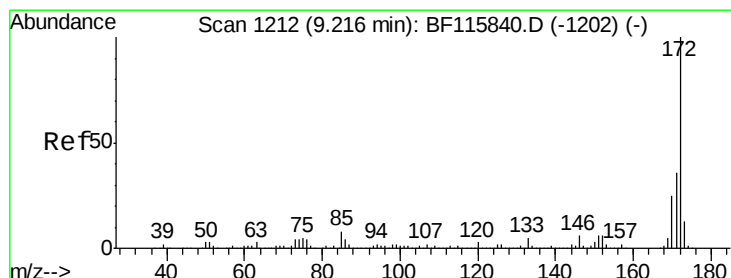
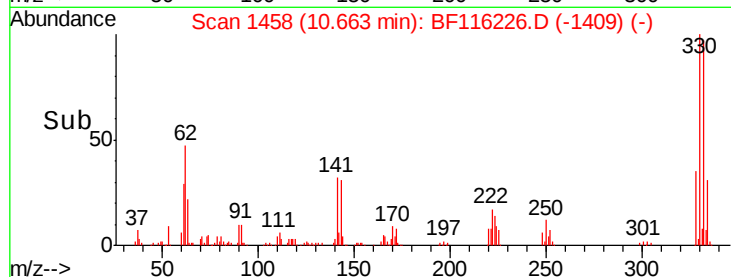
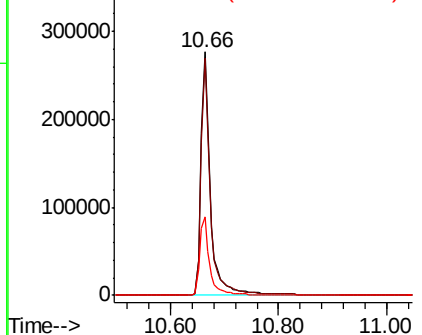
#42
 2,4,6-Tribromophenol
 Concen: 126.196 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116226.D
 Acq: 13 Aug 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122181TB

Tgt Ion:330 Resp: 341867
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 33.9 26.3 39.5

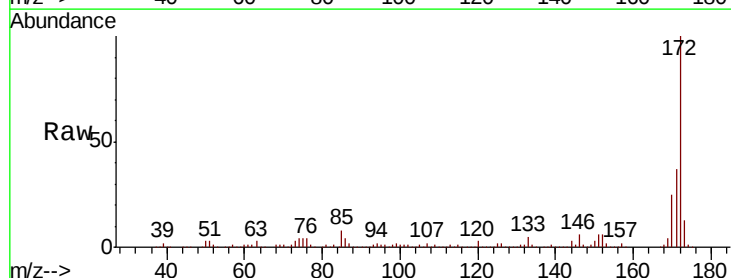


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

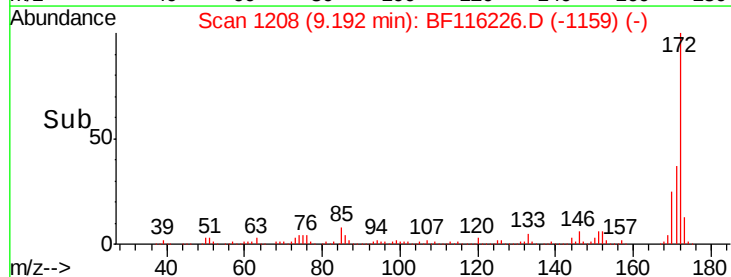
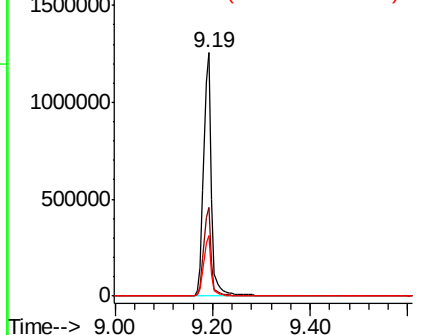


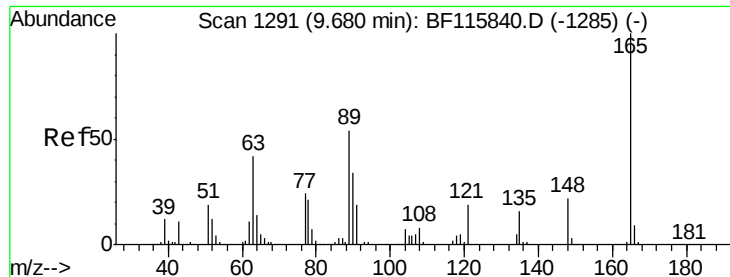
#45
 2-Fluorobiphenyl
 Concen: 94.782 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116226.D
 Acq: 13 Aug 2019 12:44

Tgt Ion:172 Resp: 1413907
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.9 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

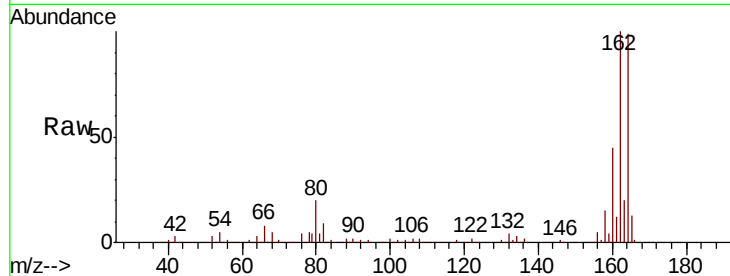




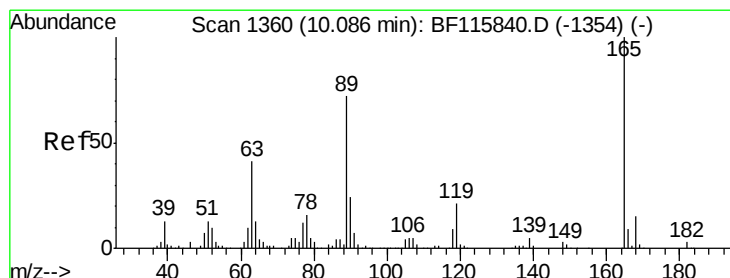
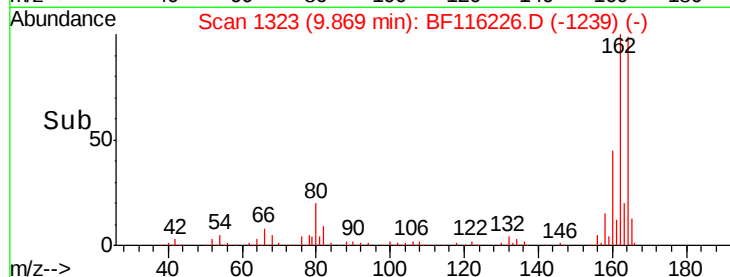
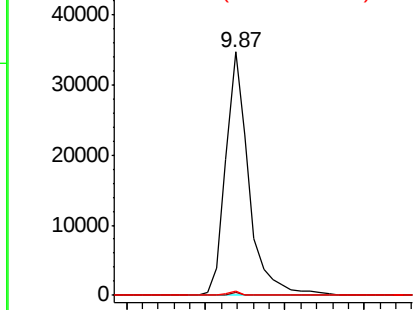
#51
 2,6-Dinitrotoluene
 Concen: 8.511 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116226.D
 Acq: 13 Aug 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122181TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.2	57.2#
89	1.8	42.9	64.3#



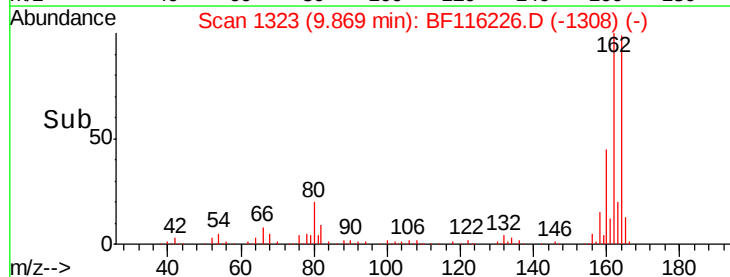
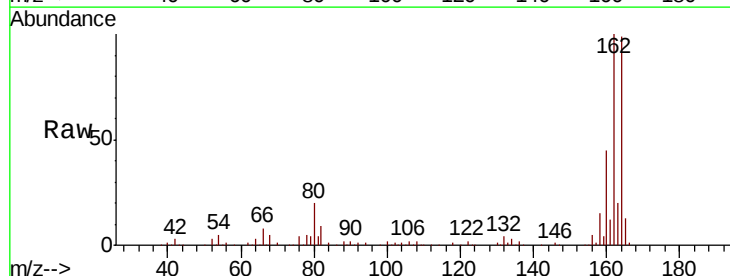
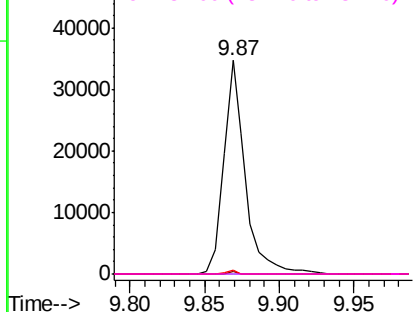
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.393 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116226.D
 Acq: 13 Aug 2019 12:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.6	59.4#
89	1.8	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

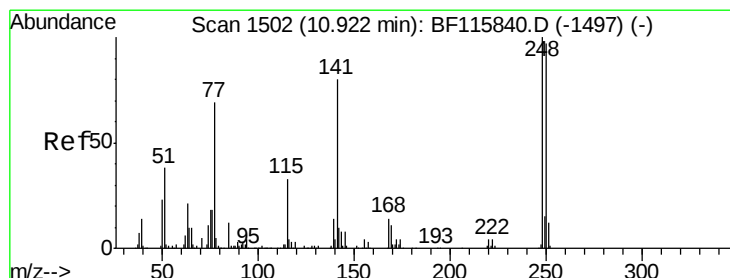
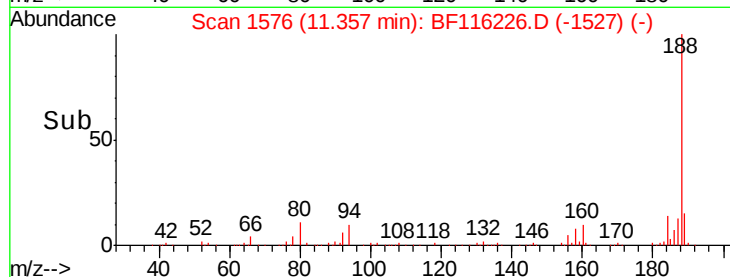
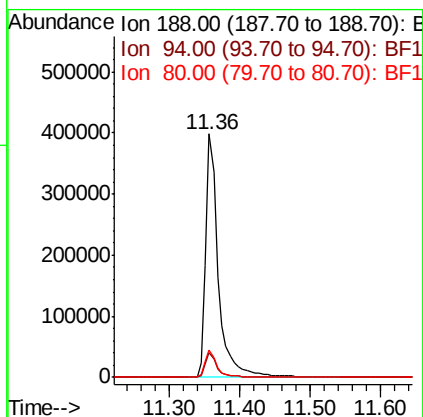
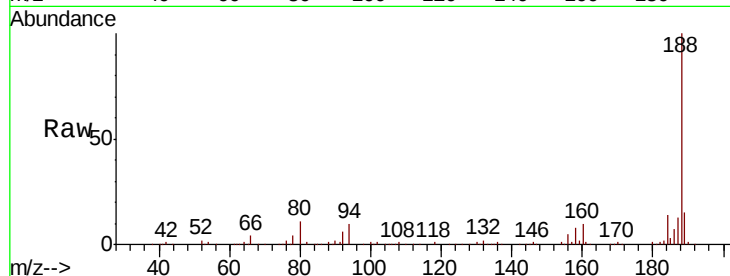




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116226.D
 Acq: 13 Aug 2019 12:44

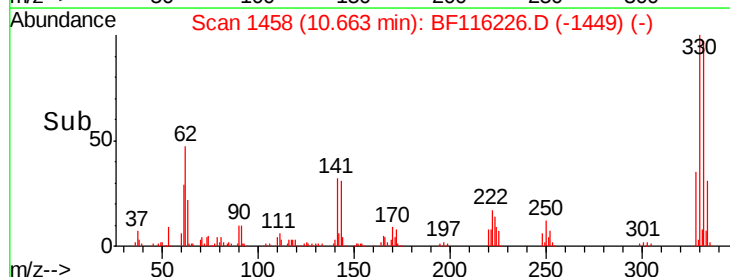
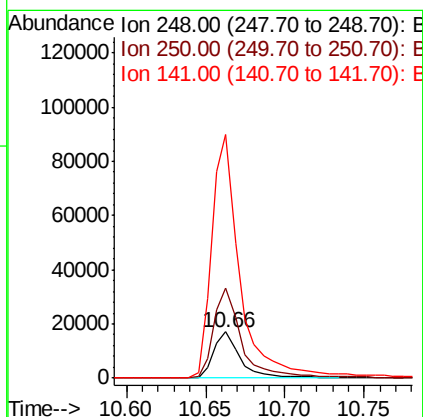
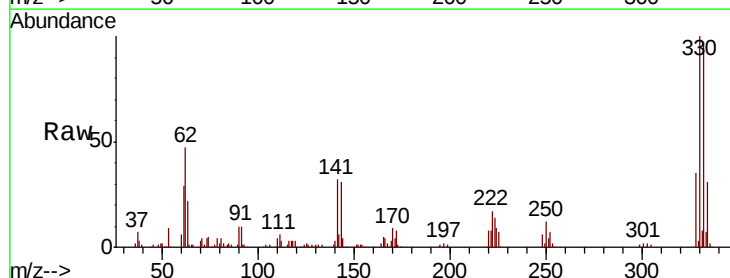
Instrument :
 BNA_F
 ClientSampleId :
 PB122181TB

Tgt Ion:188 Resp: 493852
 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: 3.802 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116226.D
 Acq: 13 Aug 2019 12:44

Tgt Ion:248 Resp: 20100
 Ion Ratio Lower Upper
 248 100
 250 194.9 77.4 116.2#
 141 524.4 56.8 85.2#

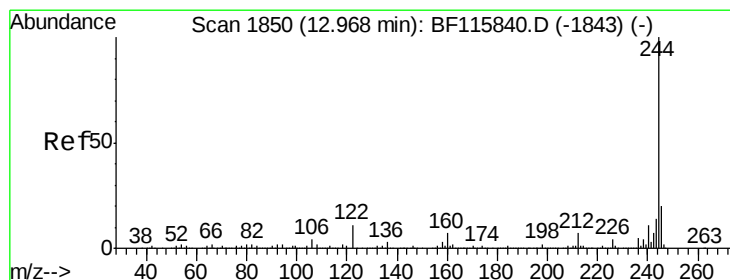
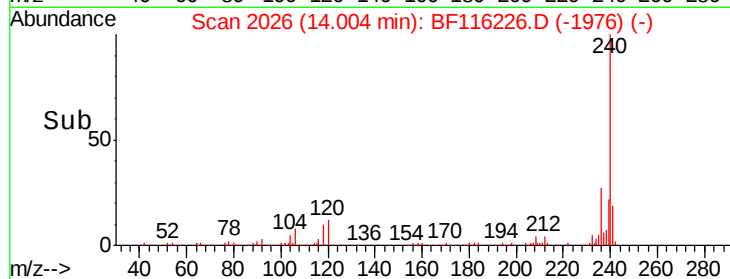
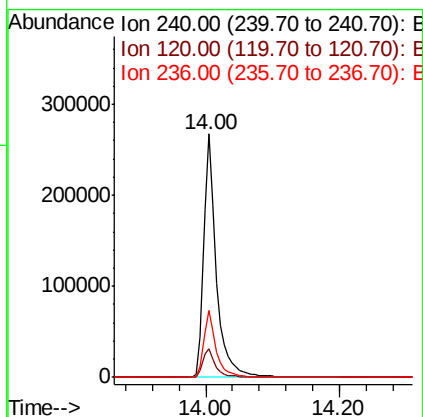
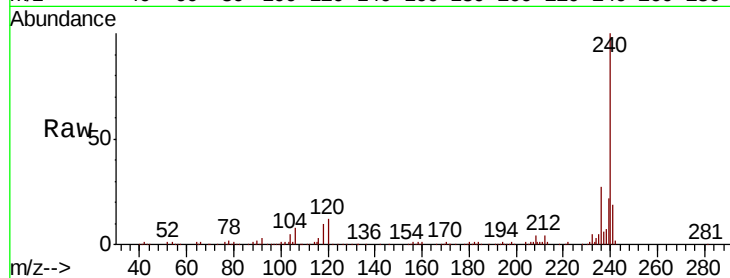




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116226.D
Acq: 13 Aug 2019 12:44

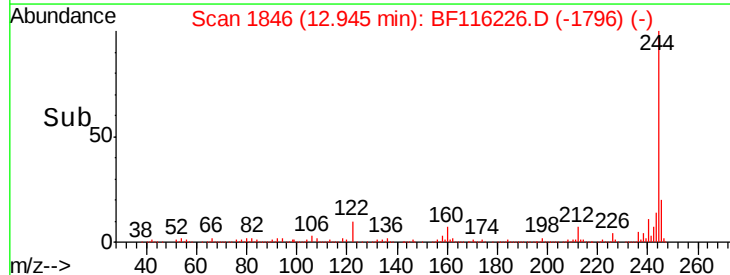
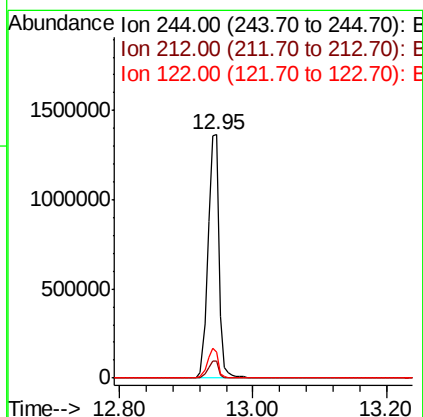
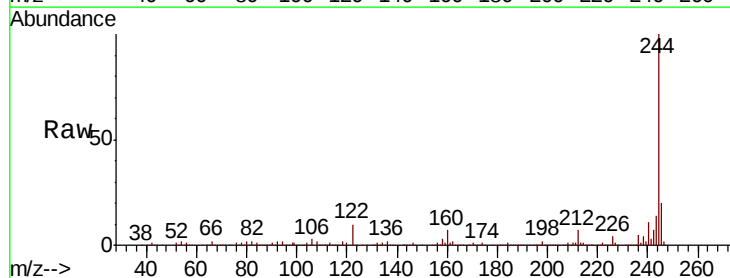
Instrument :
BNA_F
ClientSampleId :
PB122181TB

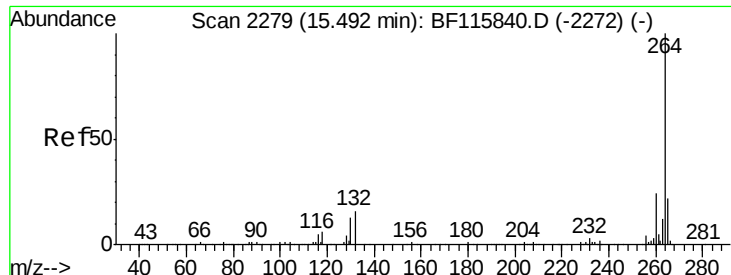
Tgt Ion:240 Resp: 344107
Ion Ratio Lower Upper
240 100
120 11.8 10.7 16.1
236 27.4 22.2 33.2



#79
Terphenyl-d14
Concen: 96.508 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116226.D
Acq: 13 Aug 2019 12:44

Tgt Ion:244 Resp: 1576006
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.4 9.0 13.4

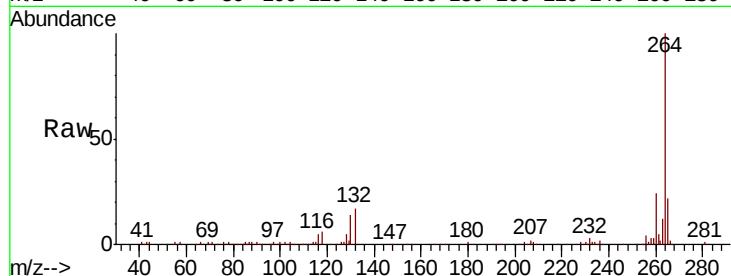




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF116226.D
Acq: 13 Aug 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB122181TB

Tgt Ion: 264 Resp: 308760
Ion Ratio Lower Upper
264 100
260 24.3 19.7 29.5
265 21.9 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

