

Data File : BF116321.D
Acq On : 16 Aug 2019 14:41
Operator : HP/JU
Sample : K4356-05RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Aug 17 03:08:04 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

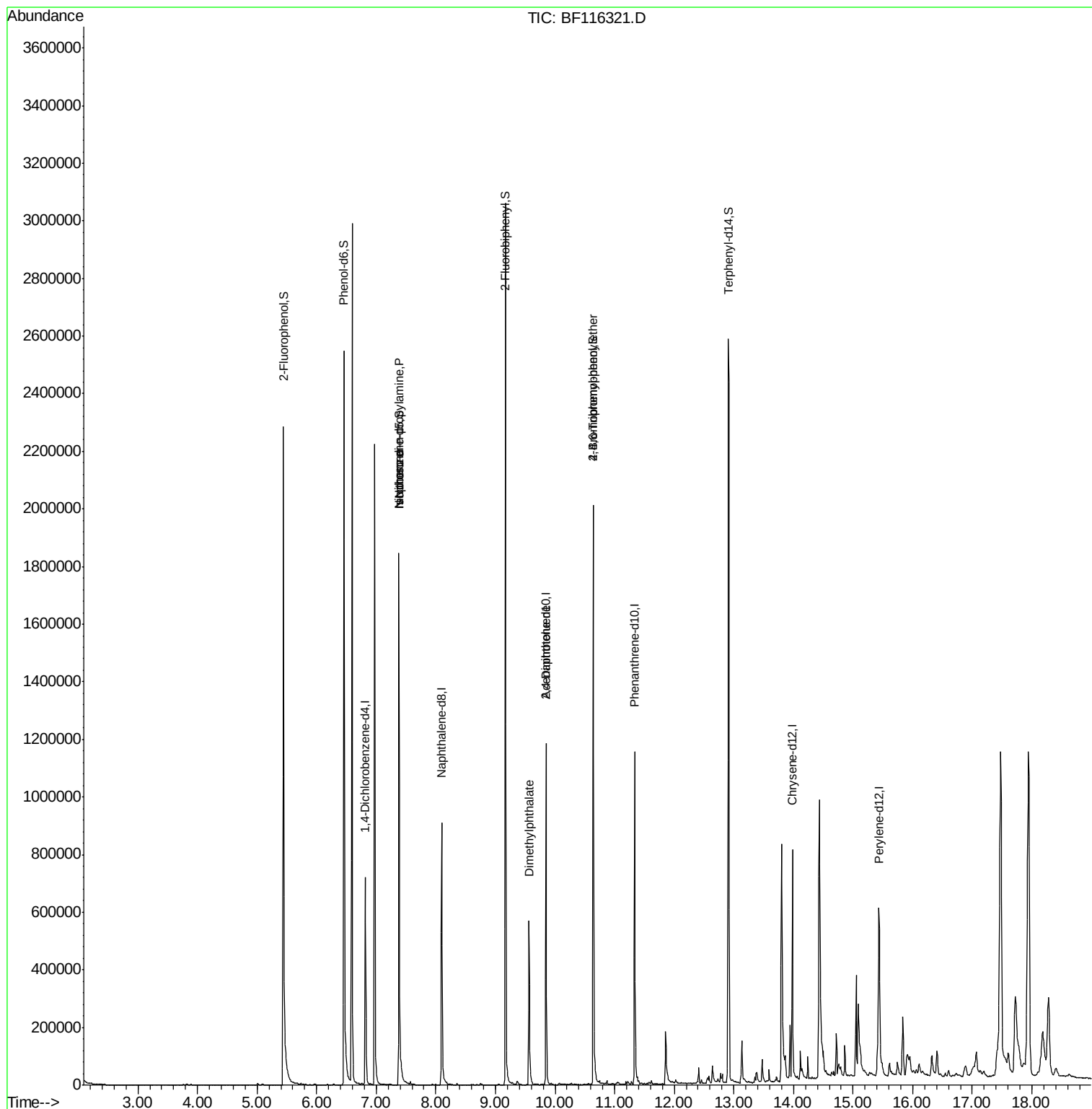
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	117136	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	454033	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	248849	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	446961	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	314251	20.00	ng	-0.03
87) Perylene-d12	15.43	264	315493	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	798628	114.14	ng	-0.03
7) Phenol-d6	6.46	99	1019801	115.52	ng	-0.03
23) Nitrobenzene-d5	7.38	82	660777	84.01	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	272459	112.93	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	942532	70.94	ng	-0.04
79) Terphenyl-d14	12.91	244	903493	60.58	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	85962	15.714	ng	# 80
25) Isophorone	7.38	82	660774	43.933	ng	# 65
50) Dimethylphthalate	9.56	163	237797	14.034	ng	99
57) 2,4-Dinitrotoluene	9.85	165	31885	6.504	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	16810	3.513	ng	# 1

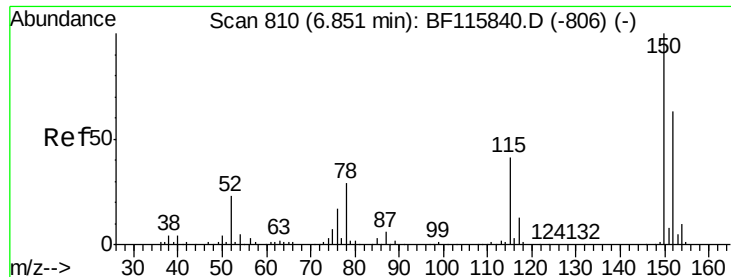
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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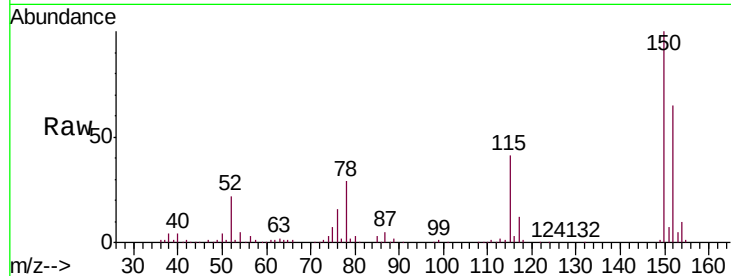


#1

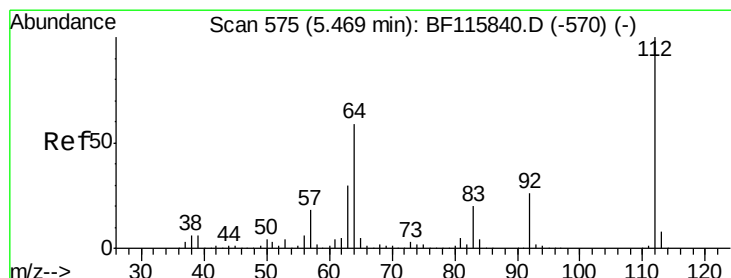
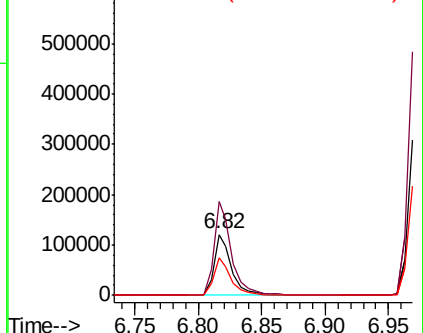
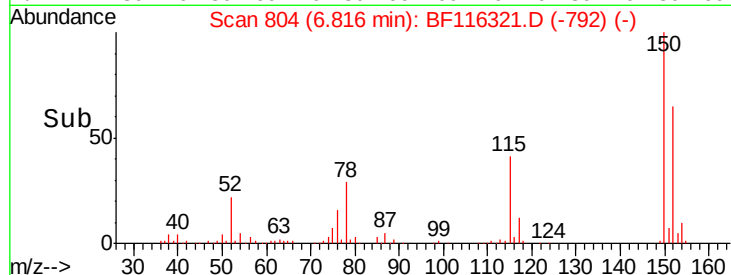
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116321.D
Acq: 16 Aug 2019 14:41

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 117136
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 62.6 49.9 74.9



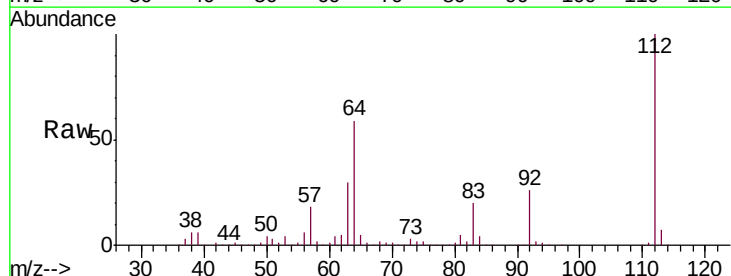
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



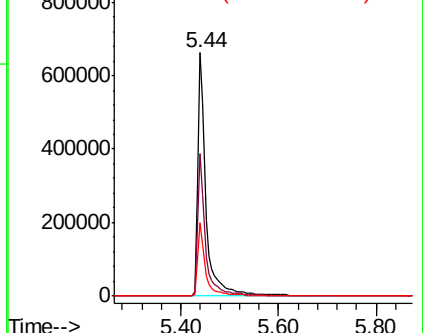
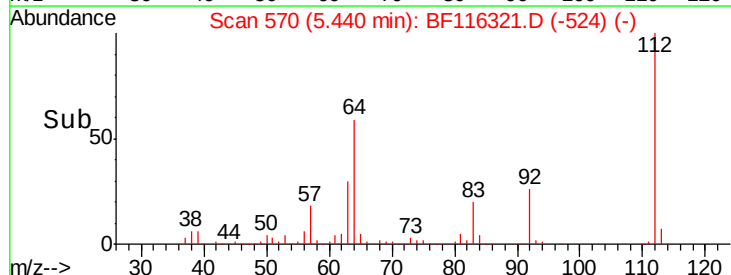
#5

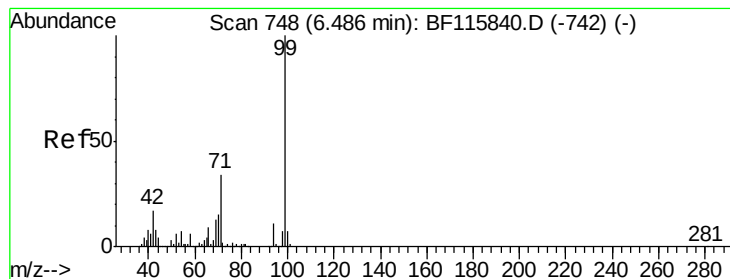
2-Fluorophenol
Concen: 114.137 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116321.D
Acq: 16 Aug 2019 14:41

Tgt Ion:112 Resp: 798628
Ion Ratio Lower Upper
112 100
64 58.7 45.4 68.2
63 29.9 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: 115.518 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

Instrument :

BNA_F

ClientSampleId :

TP-3

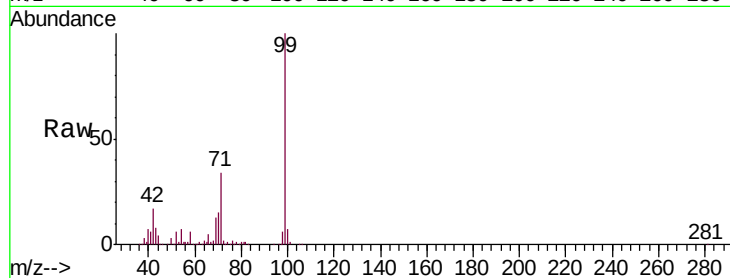
Tgt Ion: 99 Resp: 1019801

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

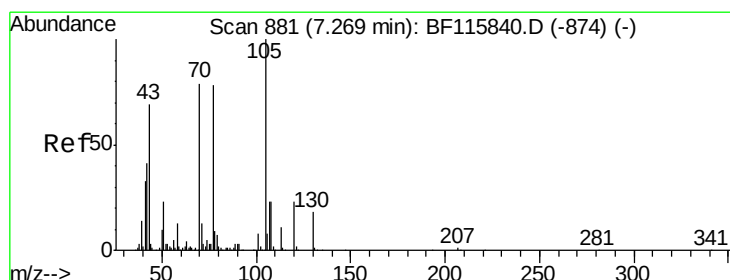
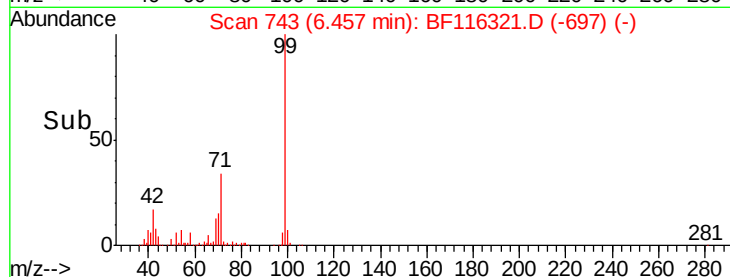
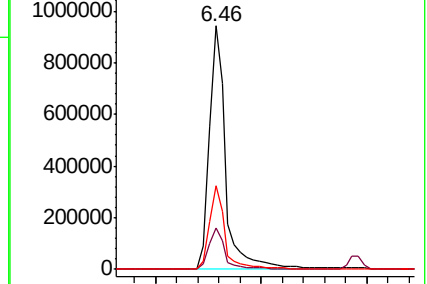
71 34.2 27.3 40.9



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: 15.714 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

Tgt Ion: 70 Resp: 85962

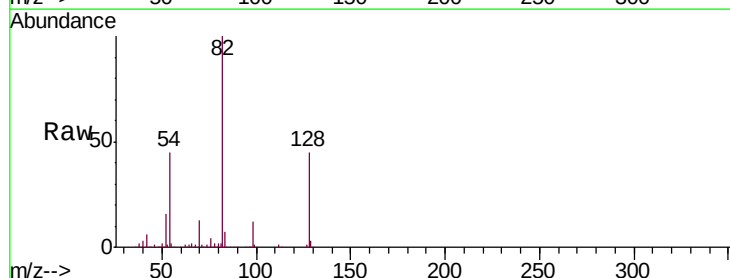
Ion Ratio Lower Upper

70 100

42 43.8 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

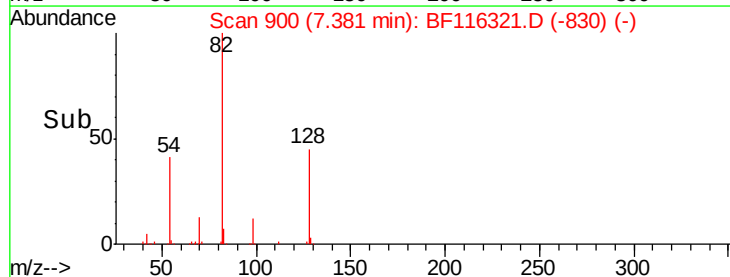
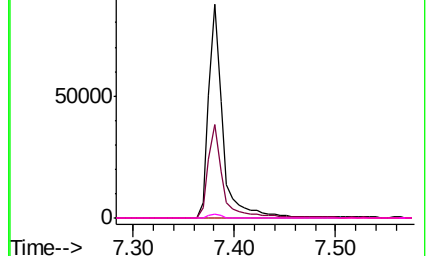


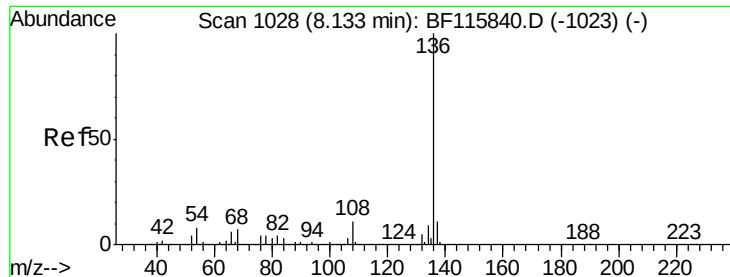
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

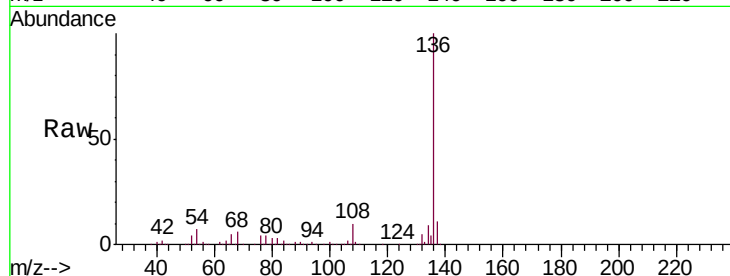




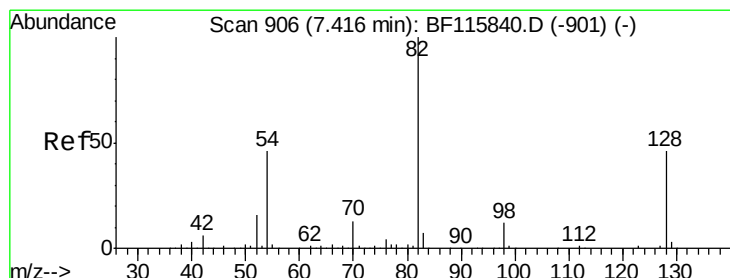
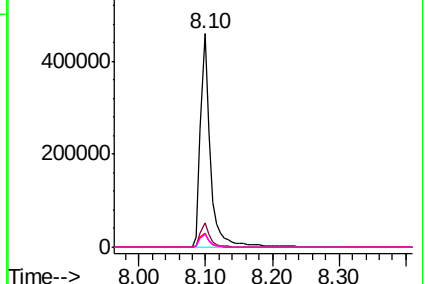
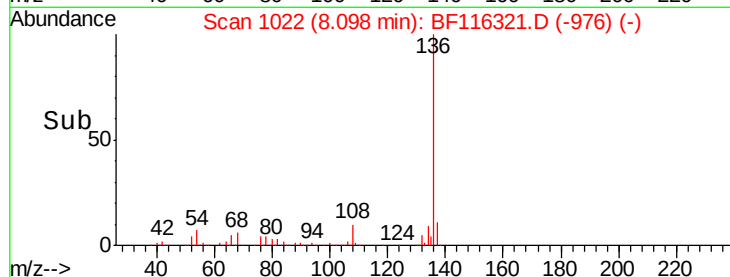
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116321.D
Acq: 16 Aug 2019 14:41

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:	136	Resp:	454033
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.8	8.6
68	6.1	5.2	7.8

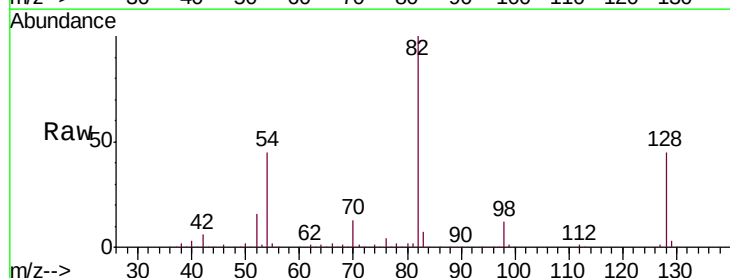


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

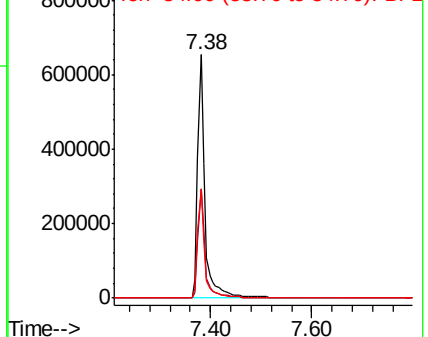
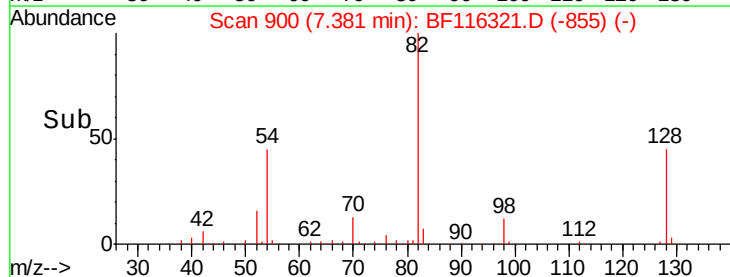


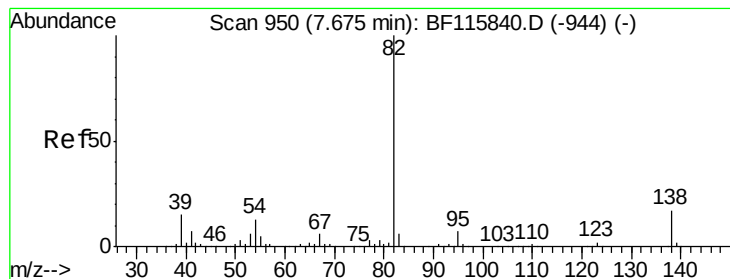
#23
Nitrobenzene-d5
Concen: 84.007 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116321.D
Acq: 16 Aug 2019 14:41

Tgt Ion:	82	Resp:	660777
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.5	54.7
54	45.1	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: 43.933 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

Instrument :

BNA_F

ClientSampleId :

TP-3

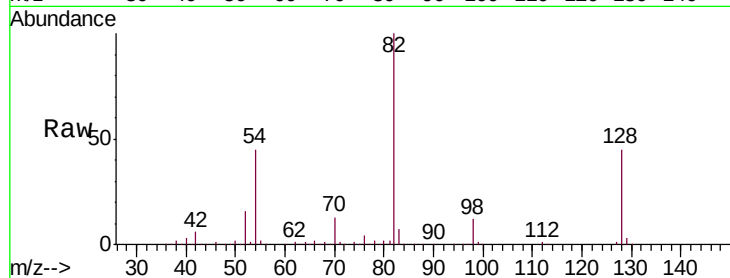
Tgt Ion: 82 Resp: 660774

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

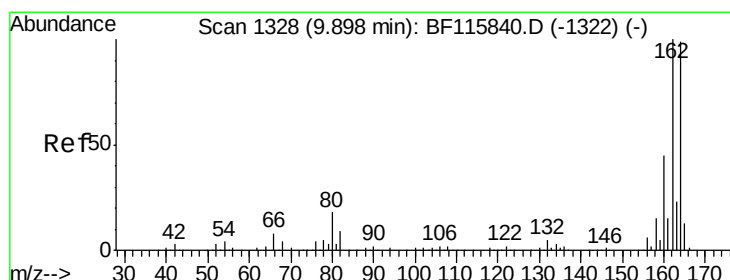
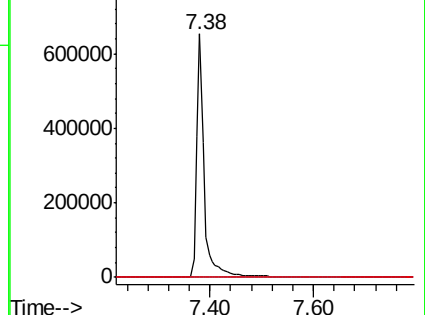
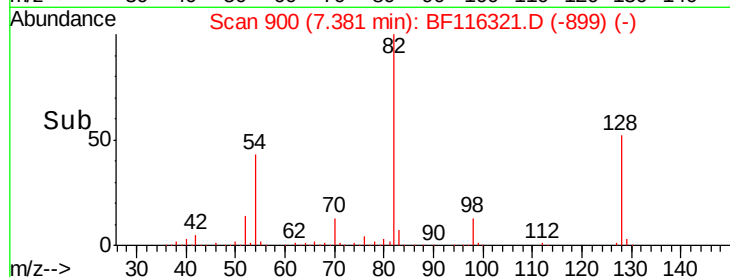
138 0.0 14.5 21.7#



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: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

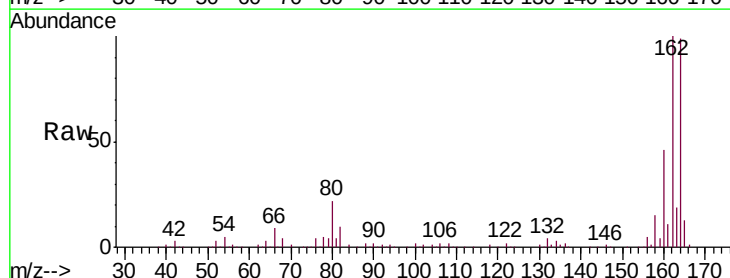
Tgt Ion: 164 Resp: 248849

Ion Ratio Lower Upper

164 100

162 100.6 82.6 124.0

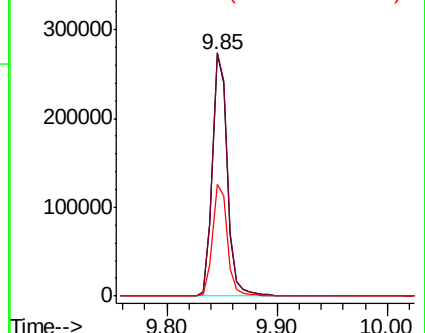
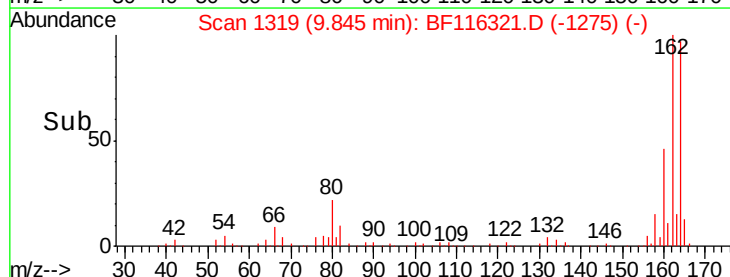
160 46.0 37.6 56.4

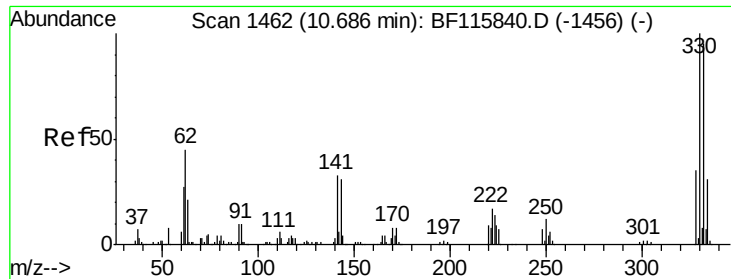


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

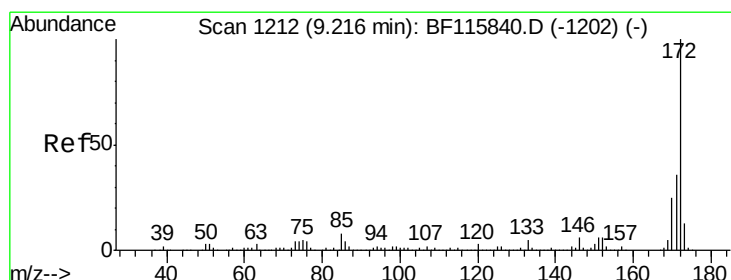
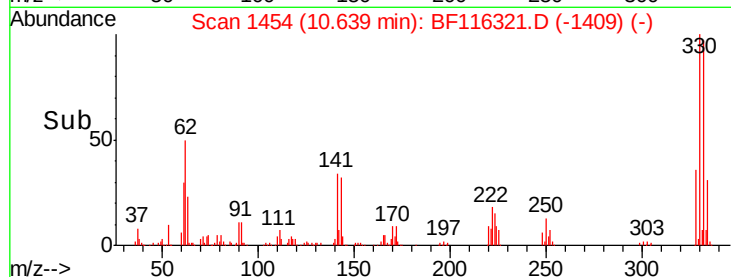
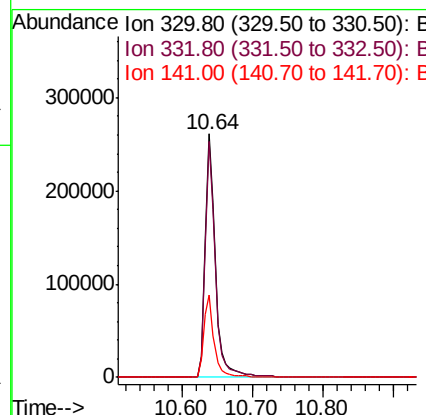
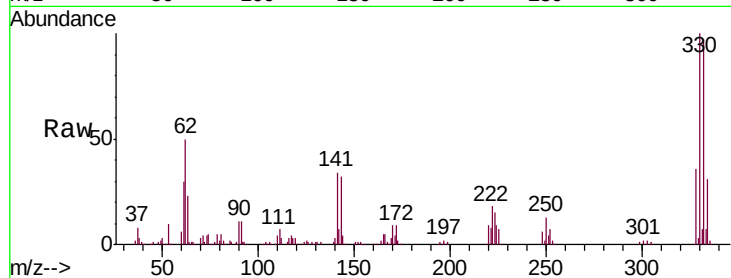




#42
 2,4,6-Tribromophenol
 Concen: 112.929 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116321.D
 Acq: 16 Aug 2019 14:41

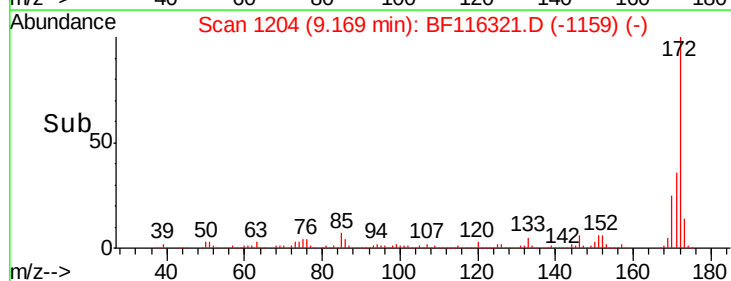
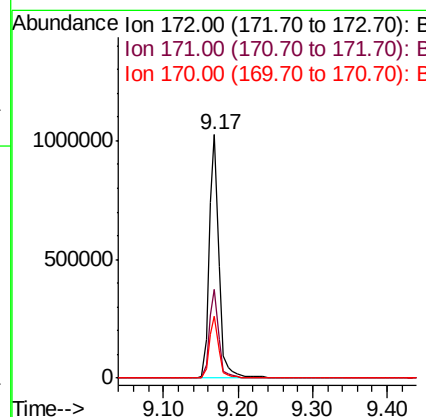
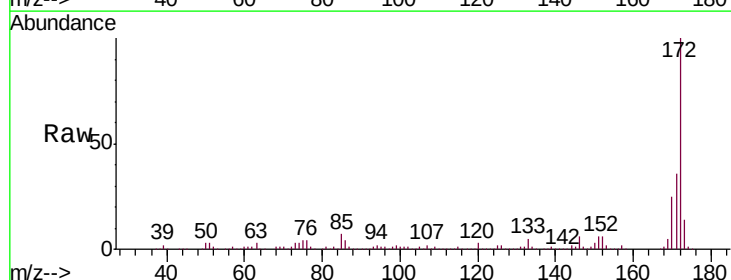
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

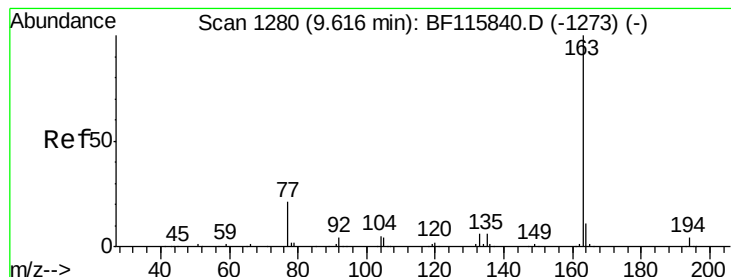
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.8	115.2
141	34.3	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 70.944 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116321.D
 Acq: 16 Aug 2019 14:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.2	20.1	30.1





#50

Dimethylphthalate

Concen: 14.034 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

Instrument :

BNA_F

ClientSampleId :

TP-3

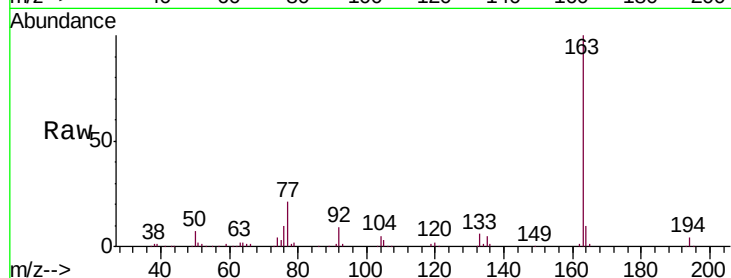
Tgt Ion:163 Resp: 237797

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

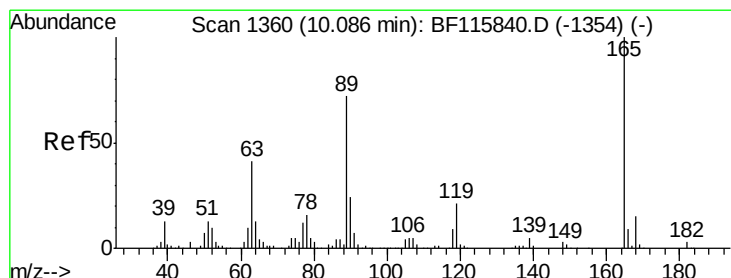
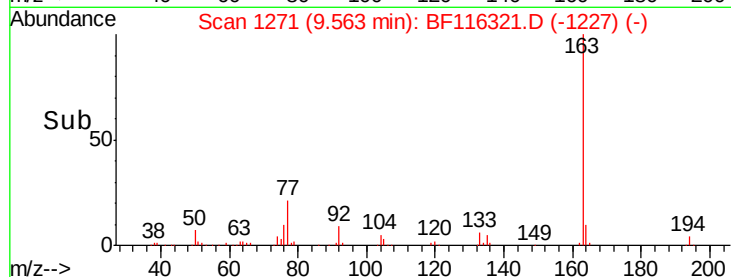
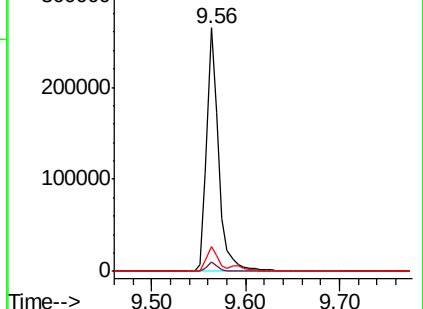
164 10.1 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.504 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.24 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

Tgt Ion:165 Resp: 31885

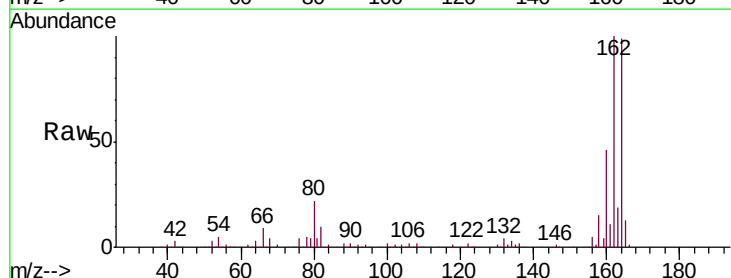
Ion Ratio Lower Upper

165 100

63 1.1 39.6 59.4#

89 1.2 62.2 93.2#

182 0.0 2.1 3.1#

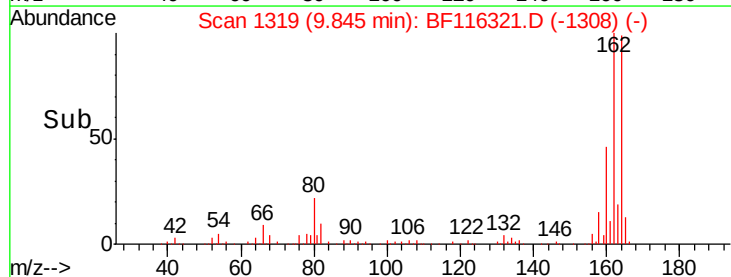
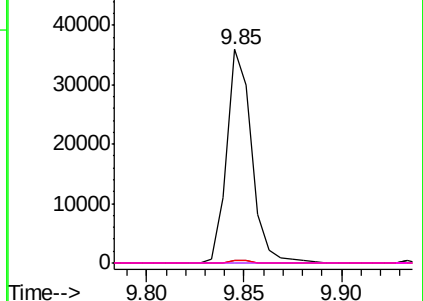


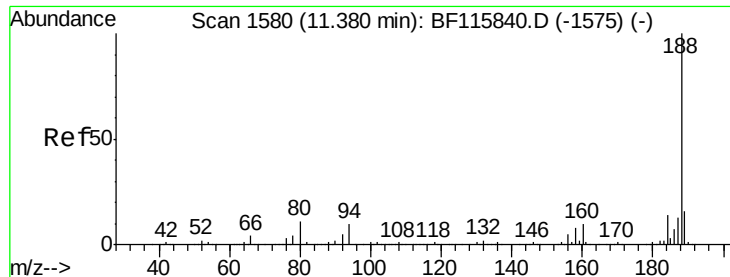
Abundance Ion 165.00 (164.70 to 165.70): E

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

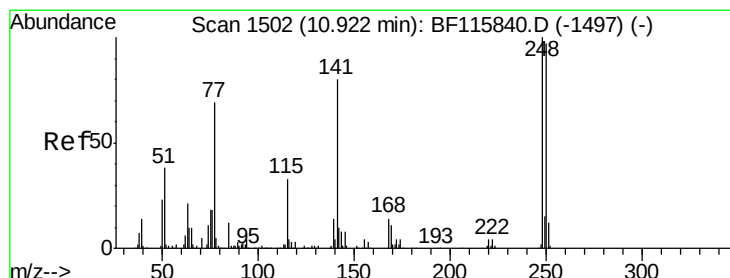
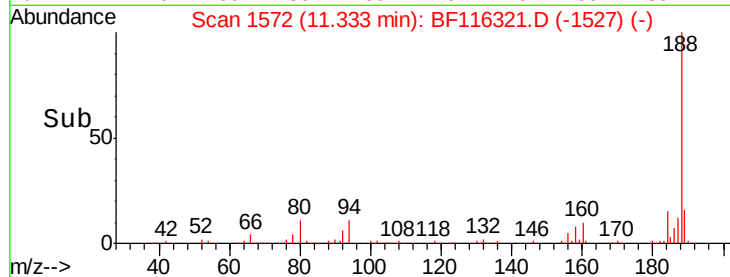
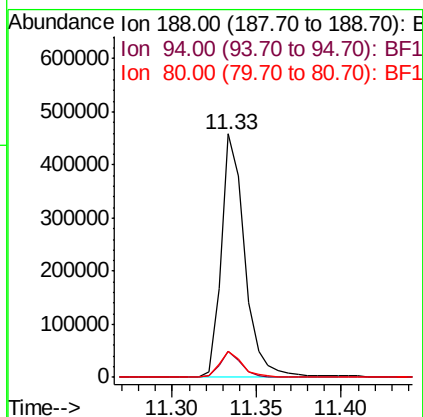
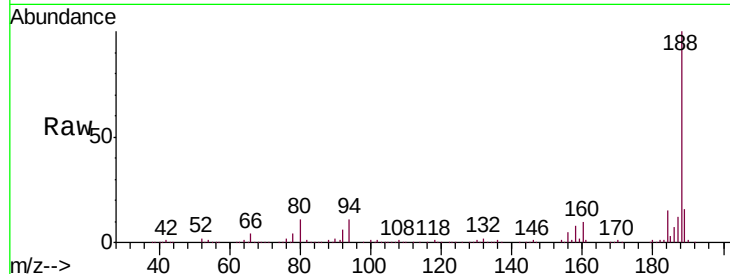




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116321.D
 Acq: 16 Aug 2019 14:41

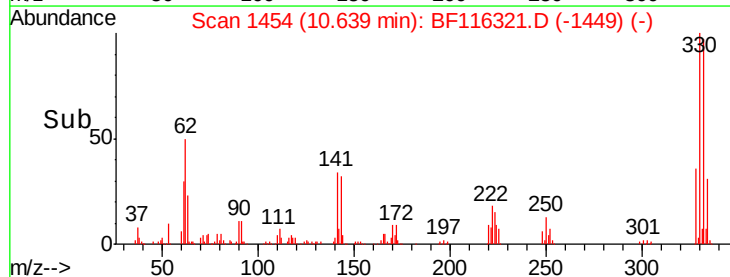
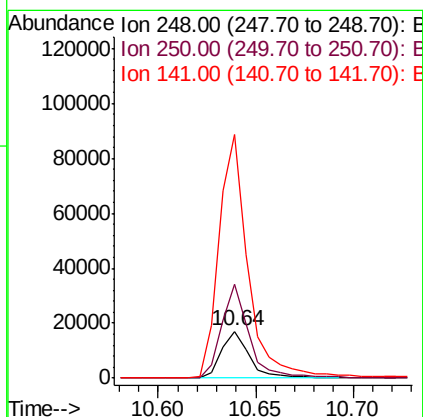
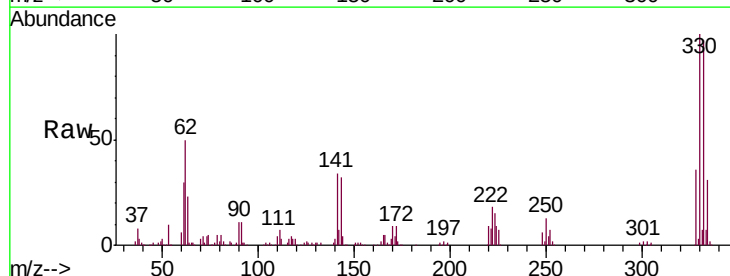
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

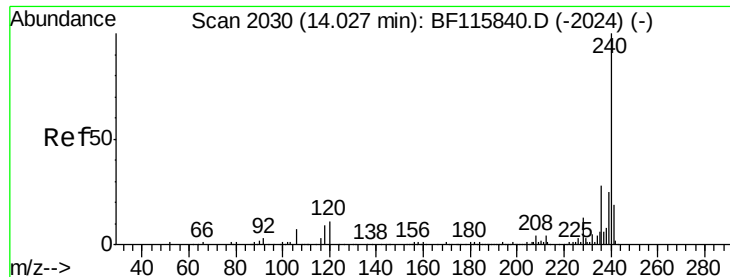
Tgt Ion:	188	Resp:	446961
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	10.8	8.7	13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.513 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116321.D
 Acq: 16 Aug 2019 14:41

Tgt Ion:	248	Resp:	16810
Ion	Ratio	Lower	Upper
248	100		
250	200.4	77.4	116.2#
141	522.5	56.8	85.2#

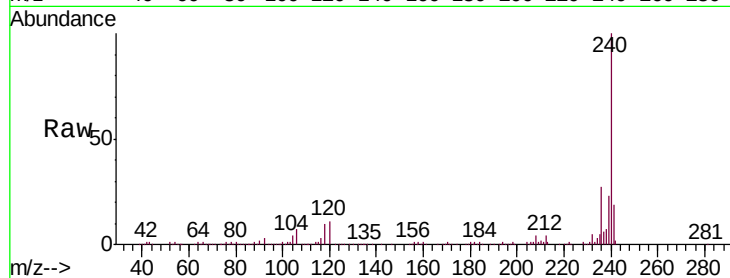




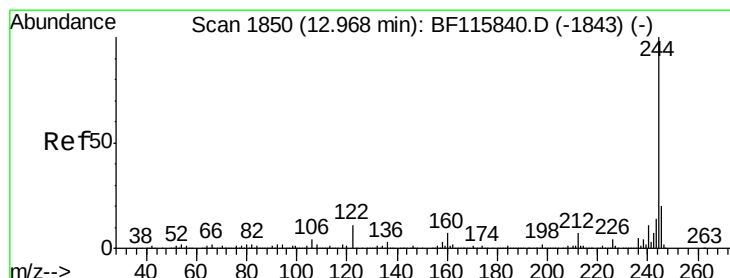
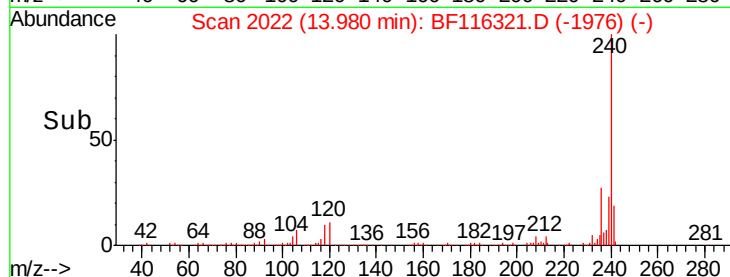
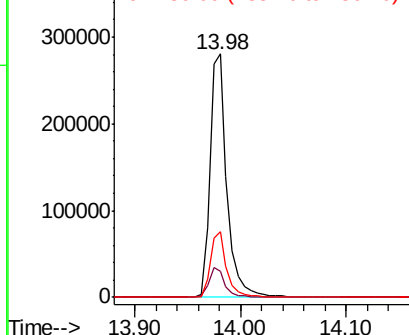
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116321.D
Acq: 16 Aug 2019 14:41

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:240 Resp: 314251
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 26.9 22.2 33.2

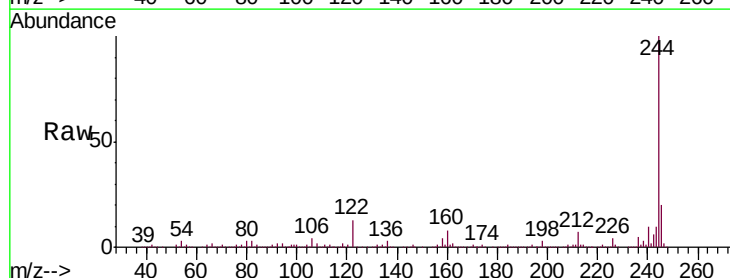


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

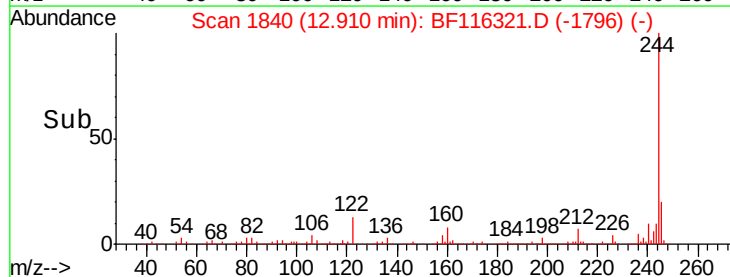
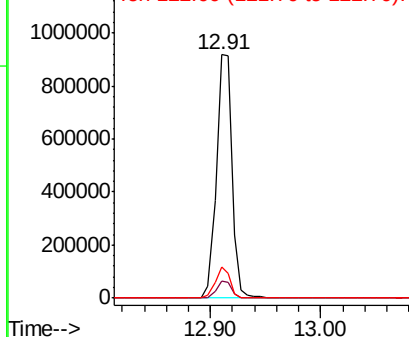


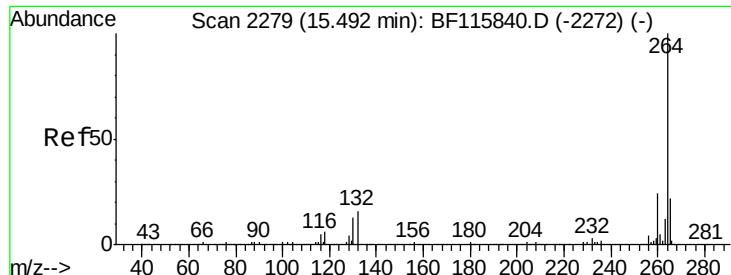
#79
Terphenyl-d14
Concen: 60.582 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF116321.D
Acq: 16 Aug 2019 14:41

Tgt Ion:244 Resp: 903493
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.8 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

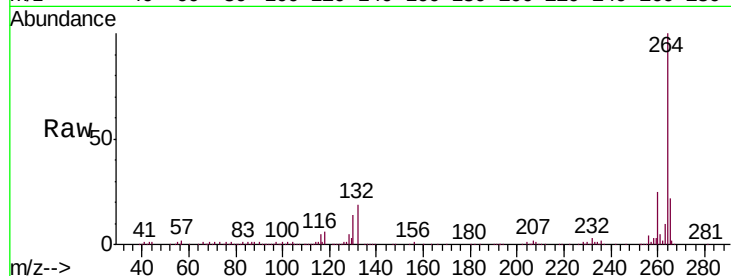




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF116321.D
Acq: 16 Aug 2019 14:41

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 264 Resp: 315493
Ion Ratio Lower Upper
264 100
260 25.0 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

