

Data File : BF116332.D
Acq On : 16 Aug 2019 21:55
Operator : HP/JU
Sample : K4227-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-O-(0-1)-COMP

Quant Time: Aug 17 03:11:30 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

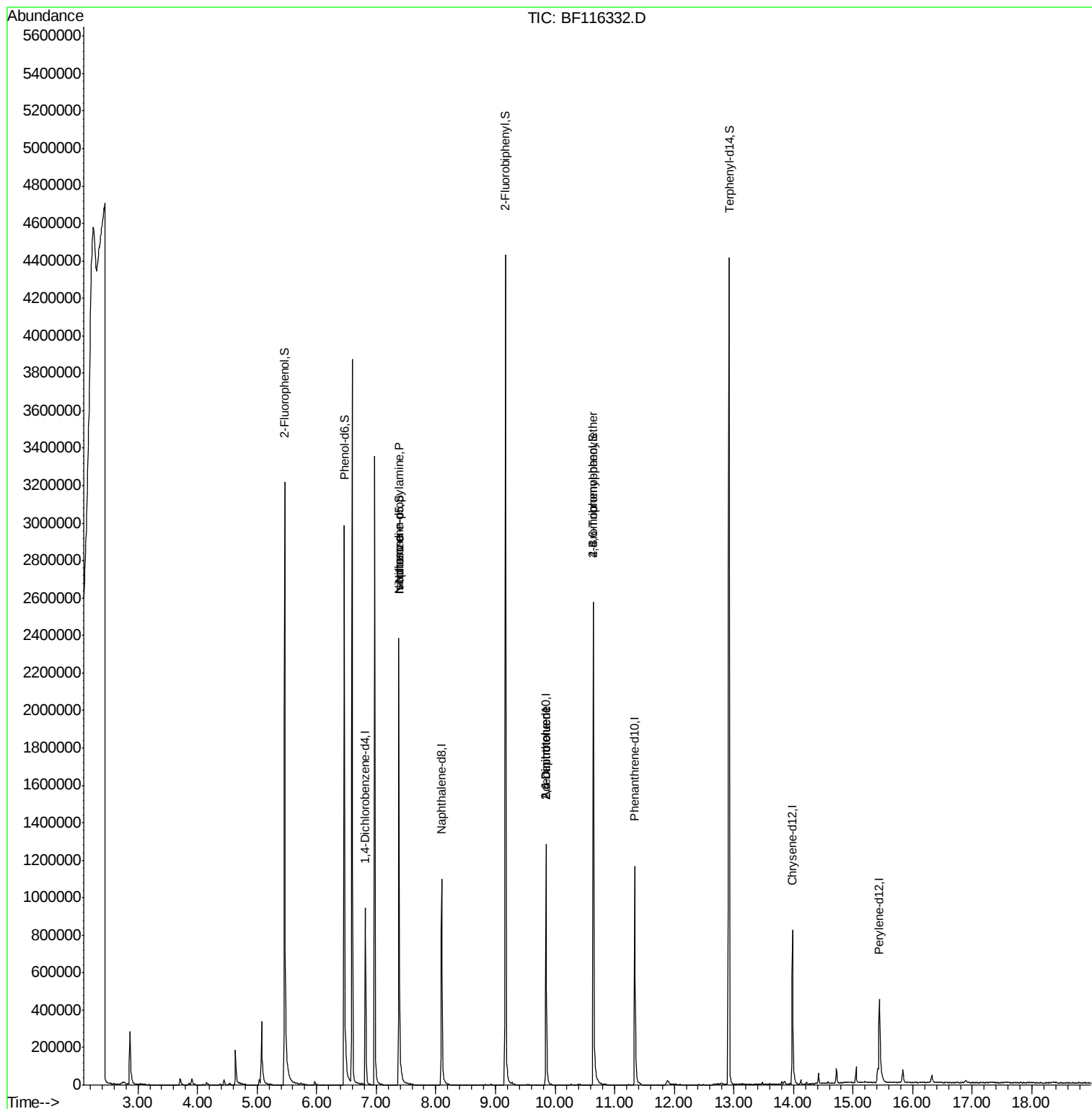
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	152130	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	600160	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	316882	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	565480	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	368813	20.00	ng	-0.03
87) Perylene-d12	15.44	264	310224	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1084068	119.29	ng	0.00
7) Phenol-d6	6.46	99	1290101	112.52	ng	-0.02
23) Nitrobenzene-d5	7.38	82	1005783	96.74	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	425724	138.57	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1684191	99.55	ng	-0.04
79) Terphenyl-d14	12.92	244	1720150	98.28	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	132061	18.587	ng	# 80
25) Isophorone	7.38	82	1006616	50.632	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	40695	8.679	ng	# 28
57) 2,4-Dinitrotoluene	9.85	165	40696	6.519	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	26789	4.425	ng	# 1

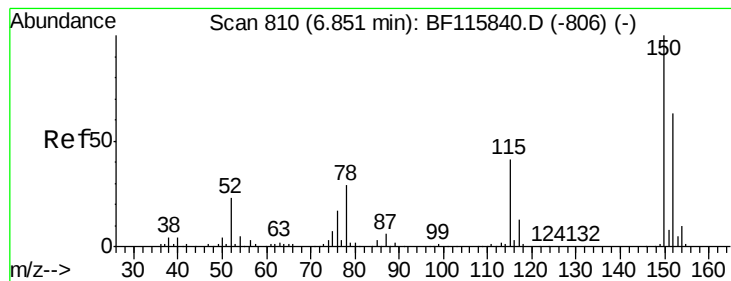
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF116332.D
Acq On : 16 Aug 2019 21:55
Operator : HP/JU
Sample : K4227-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-O-(0-1)-COMP

Quant Time: Aug 17 03:11:30 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



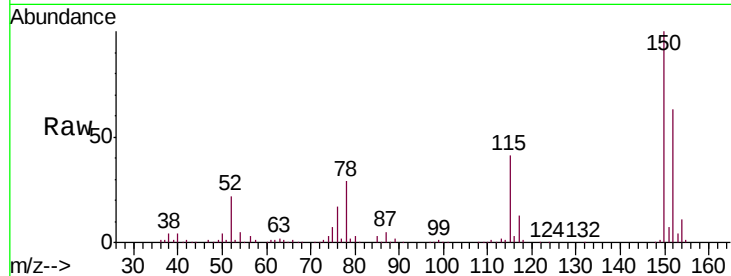


#1

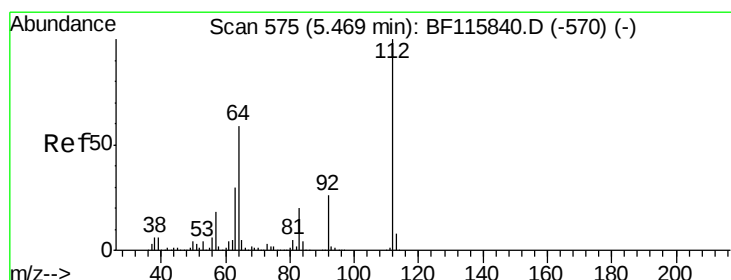
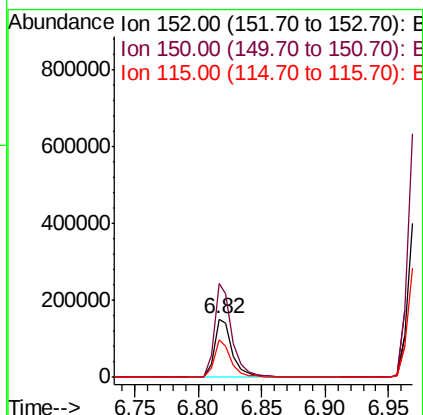
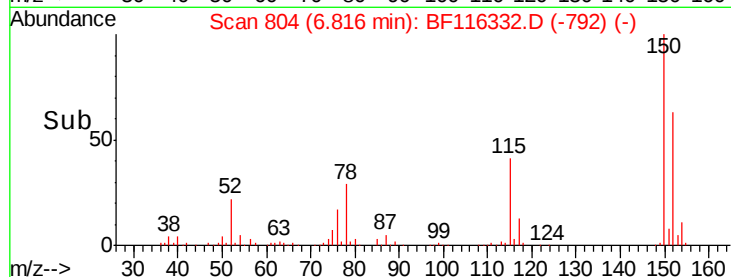
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116332.D
Acq: 16 Aug 2019 21:55

Instrument :
BNA_F
ClientSampleId :
1S-O-(0-1)-COMP

Tgt Ion:152 Resp: 152130
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 65.2 49.9 74.9



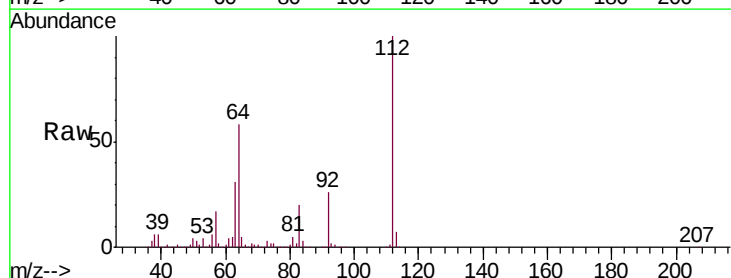
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



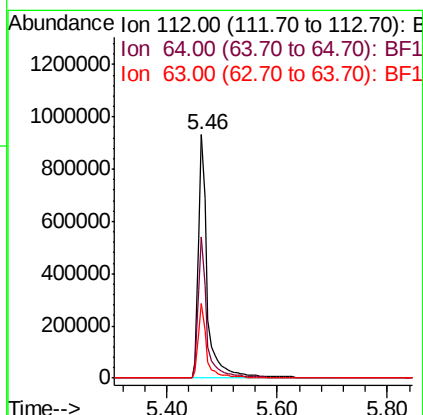
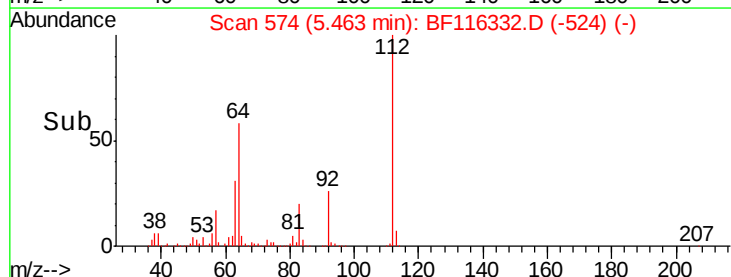
#5

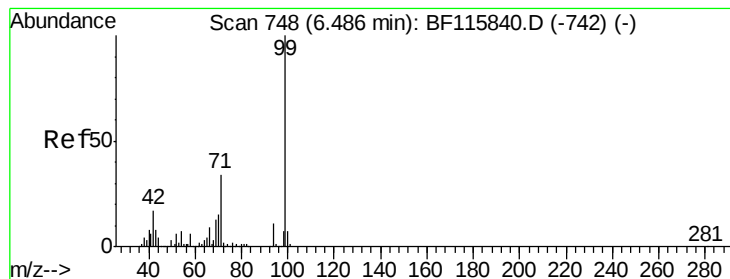
2-Fluorophenol
Concen: 119.292 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116332.D
Acq: 16 Aug 2019 21:55

Tgt Ion:112 Resp: 1084068
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.2
63 30.5 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: 112.521 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

Instrument :

BNA_F

ClientSampleId :

1S-O-(0-1)-COMP

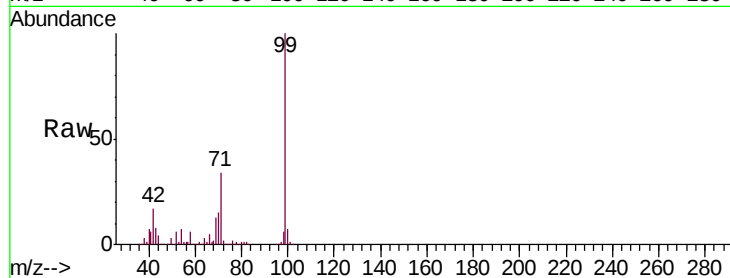
Tgt Ion: 99 Resp: 1290101

Ion Ratio Lower Upper

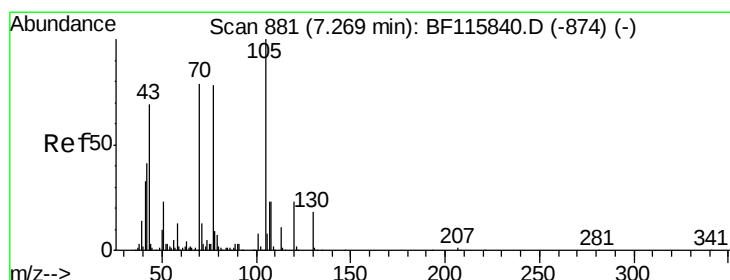
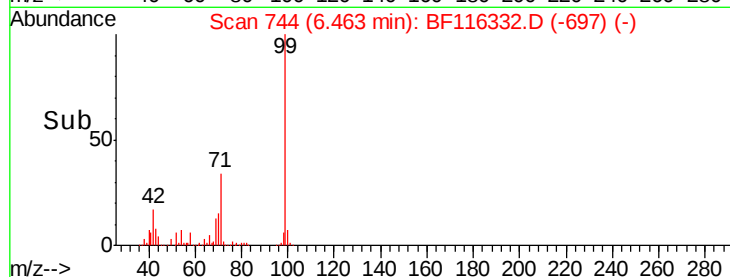
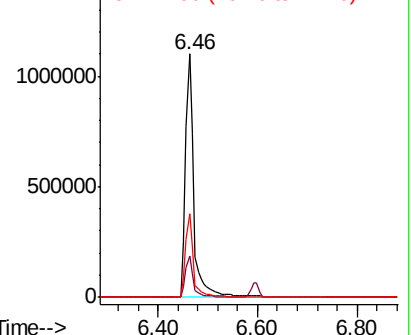
99 100

42 16.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 18.587 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

Tgt Ion: 70 Resp: 132061

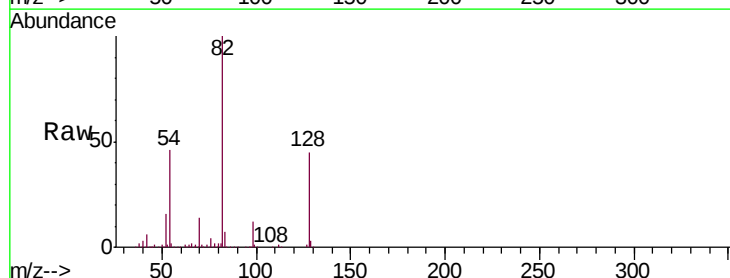
Ion Ratio Lower Upper

70 100

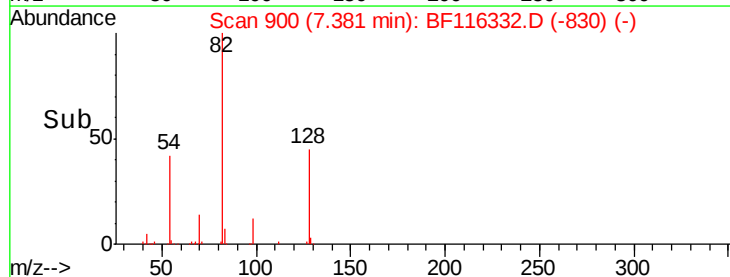
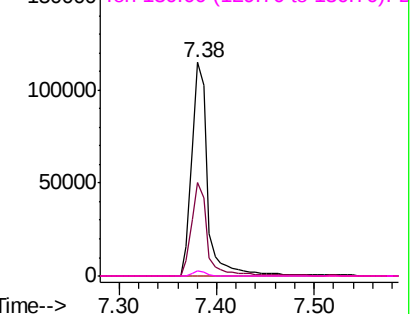
42 43.7 40.9 61.3

101 0.0 7.9 11.9#

130 2.5 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

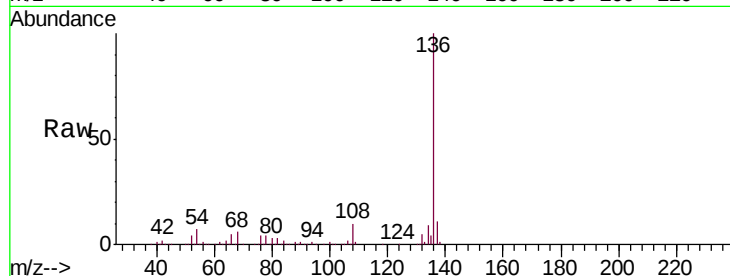




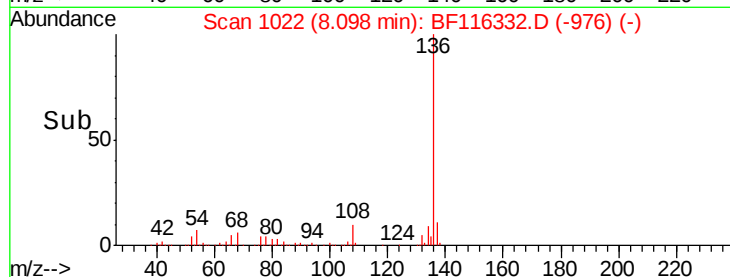
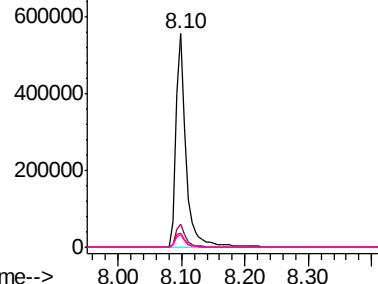
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116332.D
Acq: 16 Aug 2019 21:55

Instrument :
BNA_F
ClientSampleId :
1S-O-(0-1)-COMP

Tgt Ion:	136	Resp:	600160
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.8	5.8	8.6
68	6.1	5.2	7.8

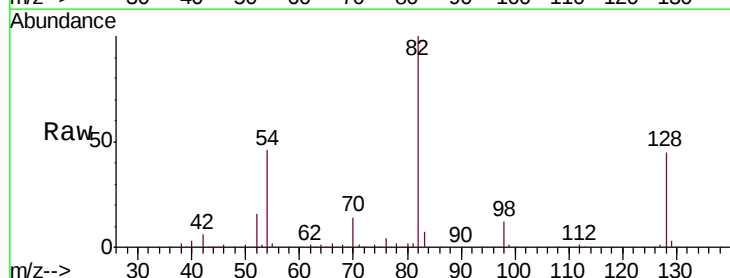


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

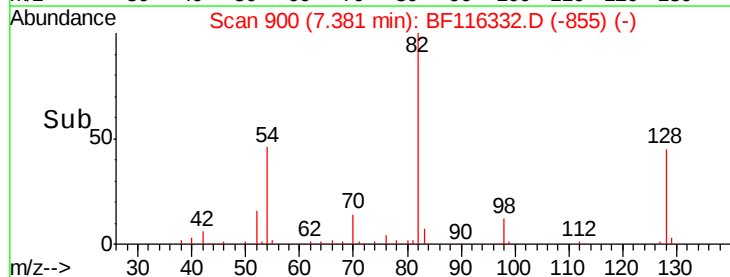
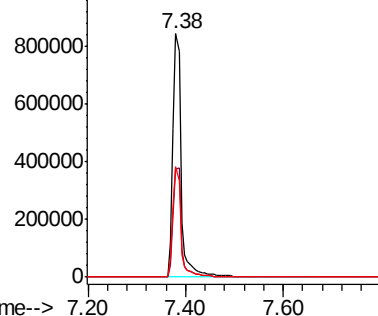


#23
Nitrobenzene-d5
Concen: 96.736 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116332.D
Acq: 16 Aug 2019 21:55

Tgt Ion:	82	Resp:	1005783
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.5	54.7
54	45.5	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: 50.632 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

Instrument :

BNA_F

ClientSampleId :

1S-O-(0-1)-COMP

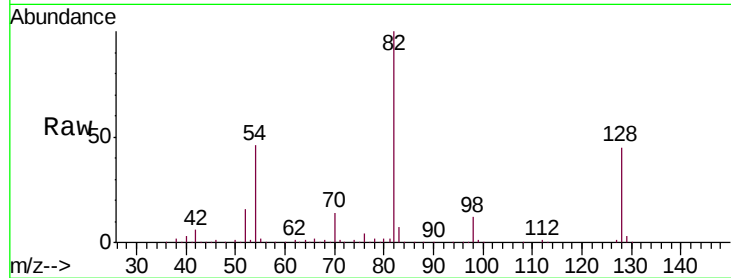
Tgt Ion: 82 Resp: 1006616

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

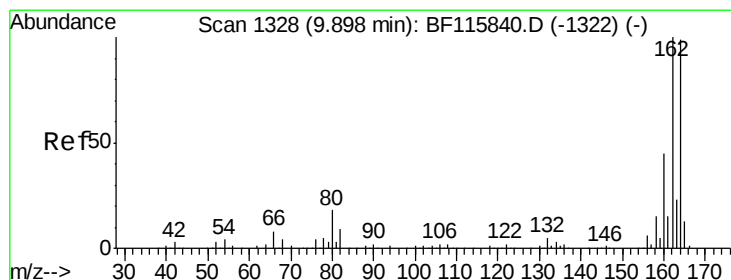
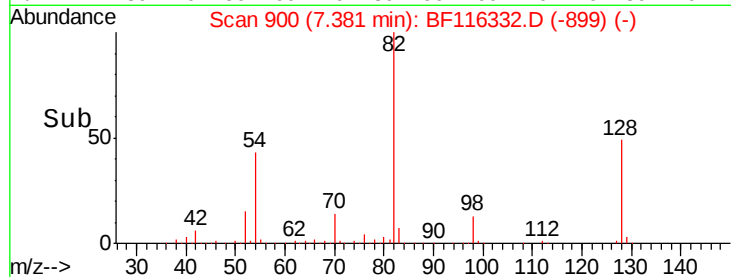
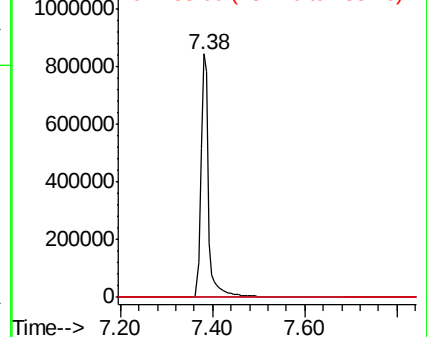
138 0.0 14.5 21.7#



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: BF116332.D

Acq: 16 Aug 2019 21:55

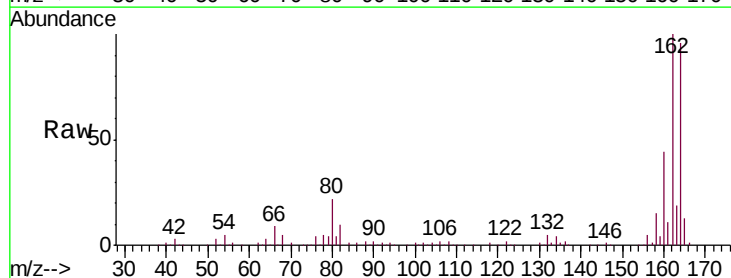
Tgt Ion: 164 Resp: 316882

Ion Ratio Lower Upper

164 100

162 103.7 82.6 124.0

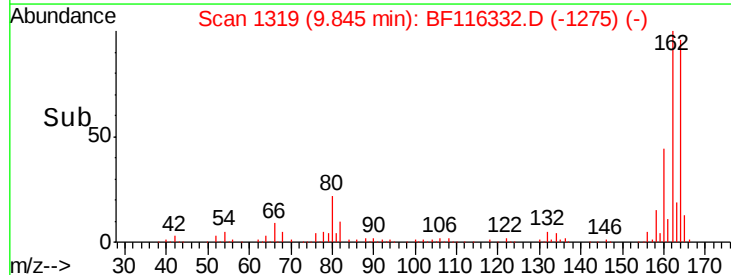
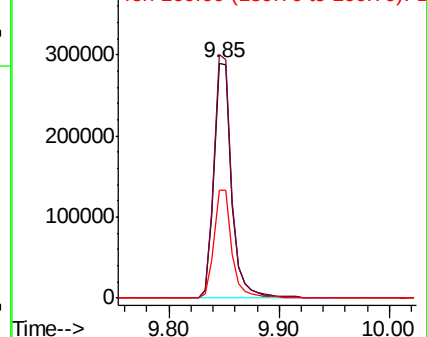
160 46.1 37.6 56.4



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

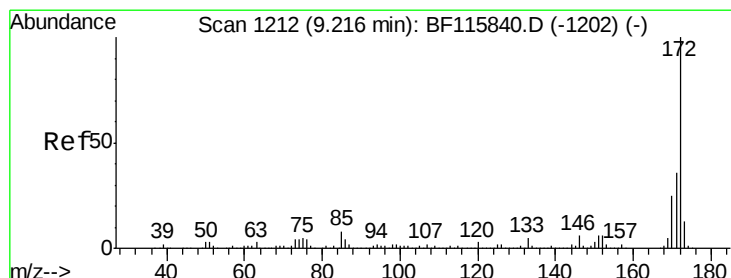
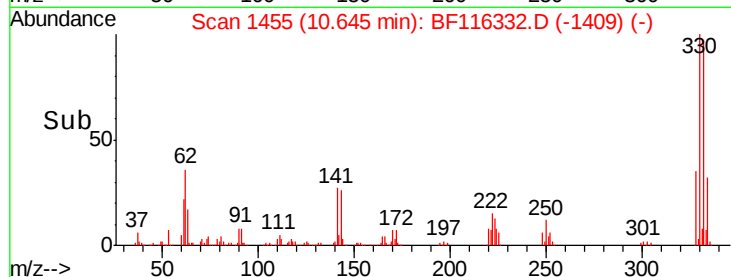
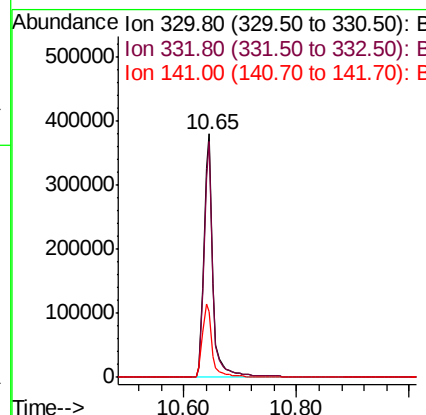
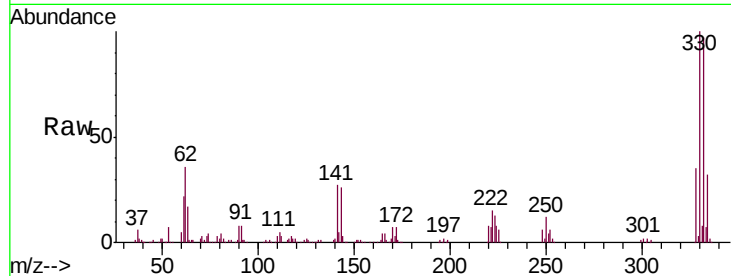




#42
 2,4,6-Tribromophenol
 Concen: 138.570 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF116332.D
 Acq: 16 Aug 2019 21:55

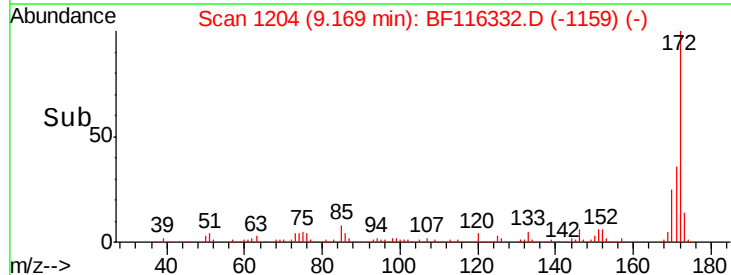
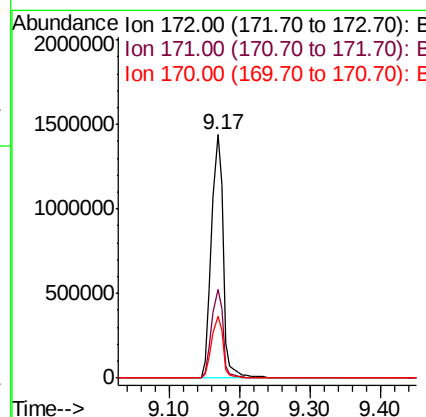
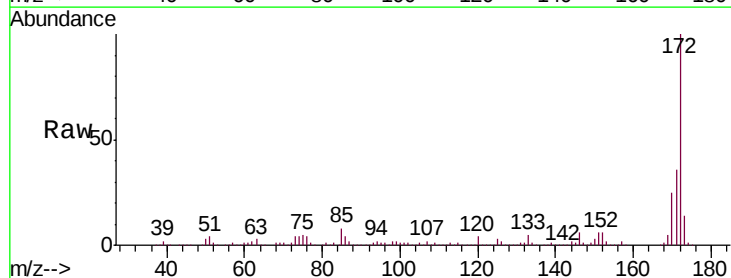
Instrument :
 BNA_F
 ClientSampleId :
 1S-O-(0-1)-COMP

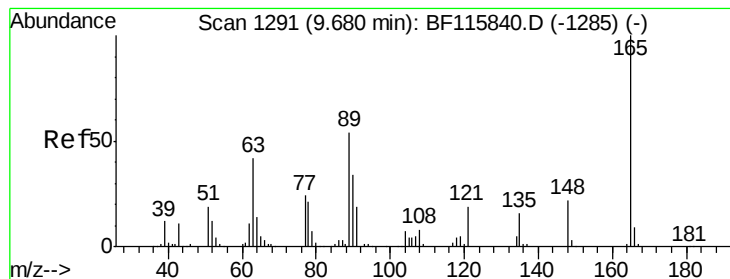
Tgt Ion:330 Resp: 425724
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 32.8 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 99.552 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116332.D
 Acq: 16 Aug 2019 21:55

Tgt Ion:172 Resp: 1684191
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 25.3 20.1 30.1





#51

2,6-Dinitrotoluene

Concen: 8.679 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.17 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

Instrument :

BNA_F

ClientSampleId :

1S-O-(0-1)-COMP

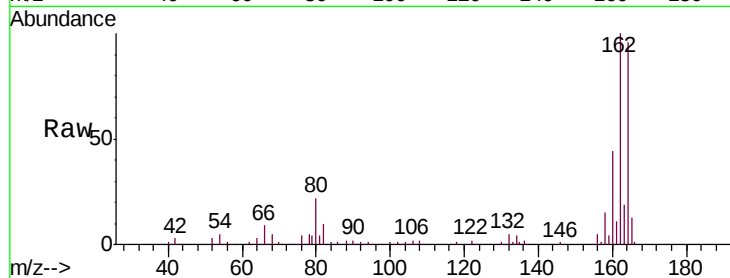
Tgt Ion:165 Resp: 40695

Ion Ratio Lower Upper

165 100

63 0.9 38.2 57.2#

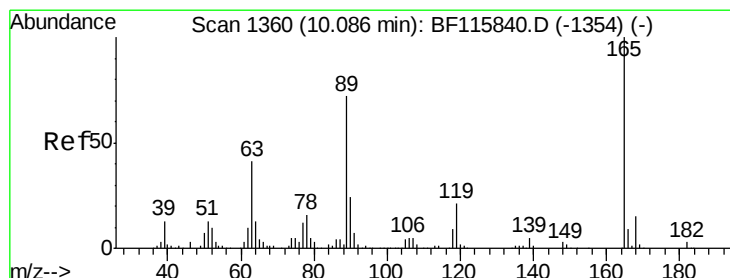
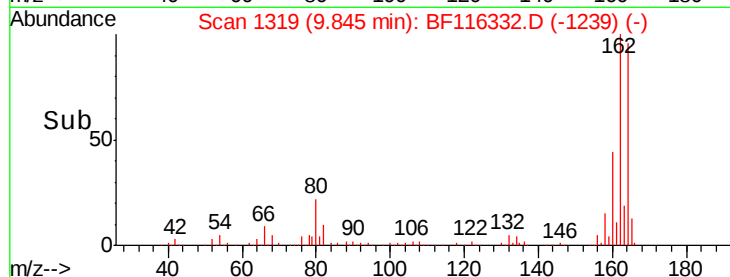
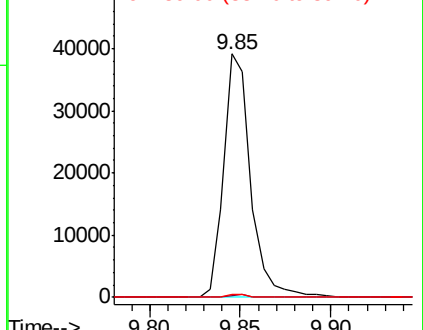
89 1.3 42.9 64.3#



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: 6.519 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.24 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

Tgt Ion:165 Resp: 40696

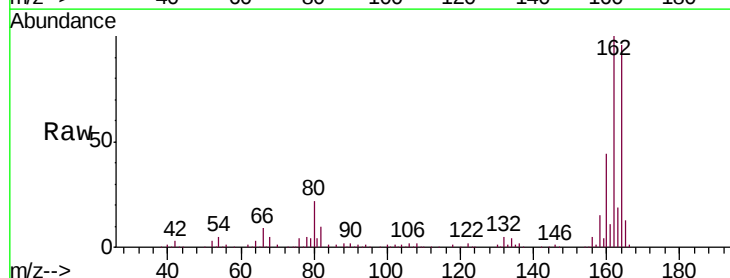
Ion Ratio Lower Upper

165 100

63 0.9 39.6 59.4#

89 1.3 62.2 93.2#

182 0.0 2.1 3.1#

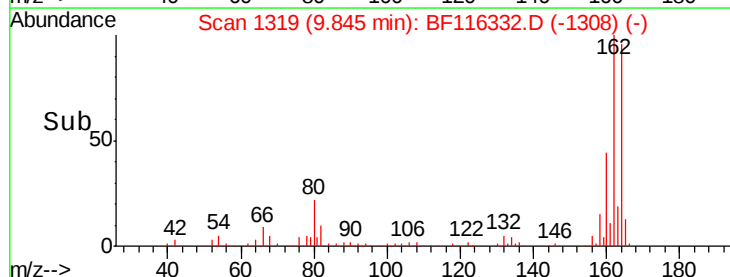
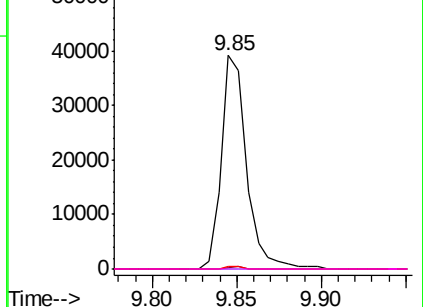


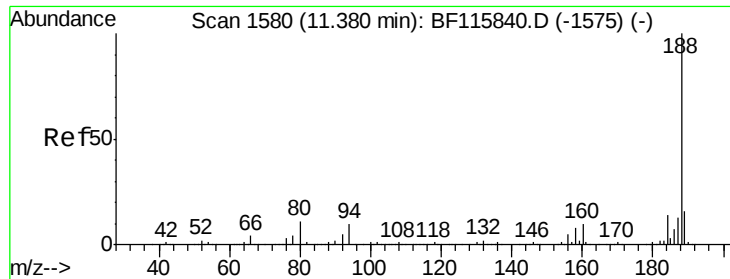
Abundance Ion 165.00 (164.70 to 165.70): E

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

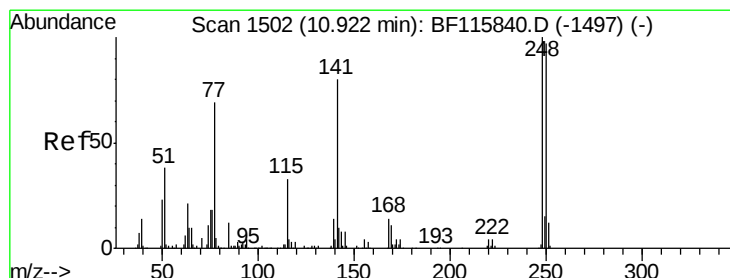
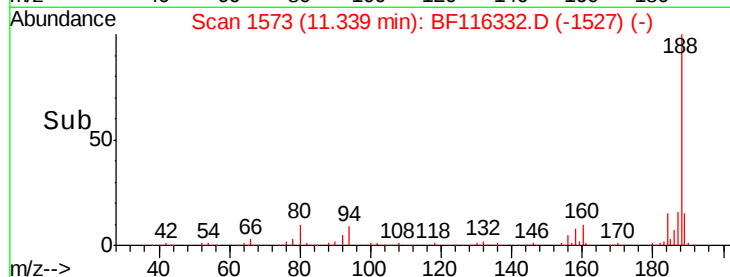
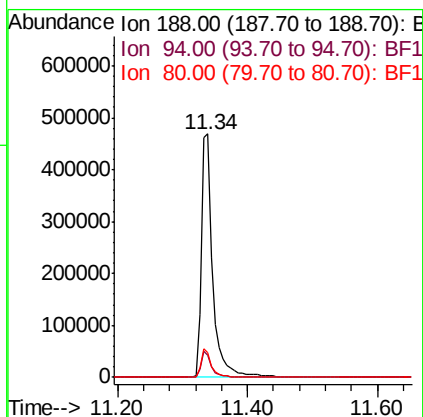
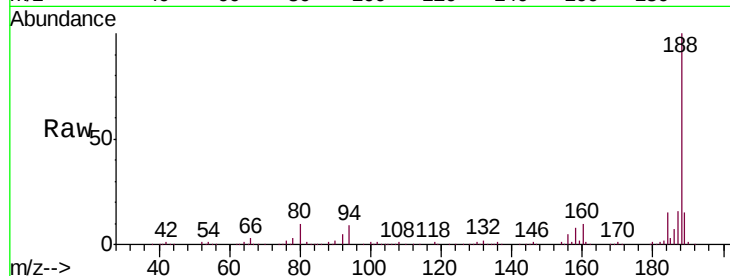




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116332.D
 Acq: 16 Aug 2019 21:55

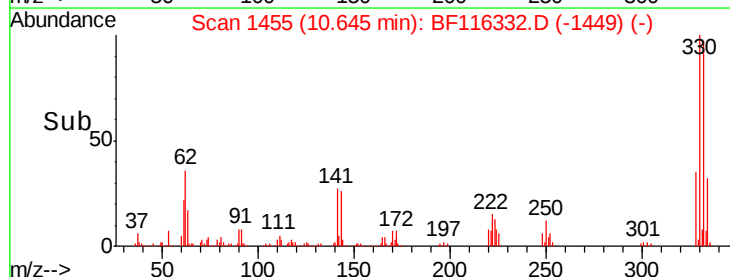
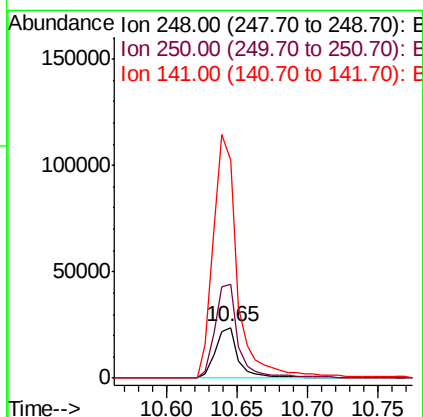
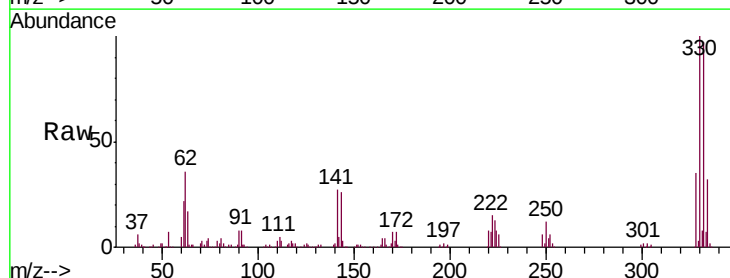
Instrument :
 BNA_F
 ClientSampleId :
 1S-O-(0-1)-COMP

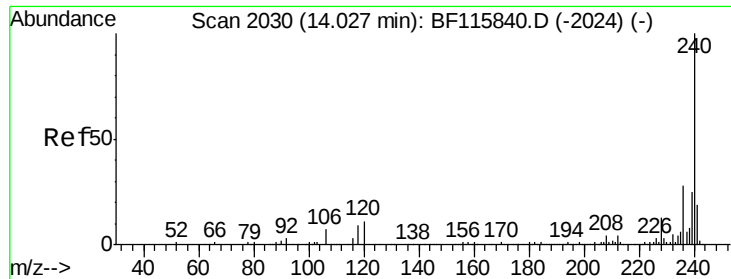
Tgt Ion:188 Resp: 565480
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.1 12.1
 80 10.1 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.425 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.26 min
 Lab File: BF116332.D
 Acq: 16 Aug 2019 21:55

Tgt Ion:248 Resp: 26789
 Ion Ratio Lower Upper
 248 100
 250 186.4 77.4 116.2#
 141 429.7 56.8 85.2#

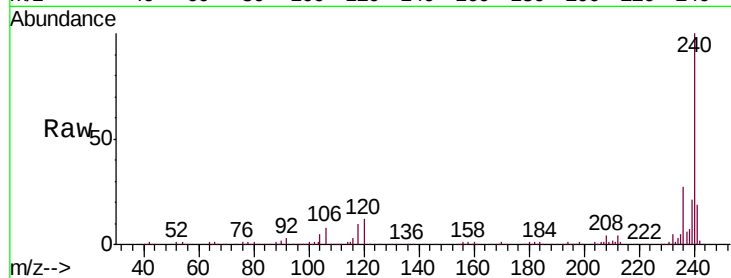




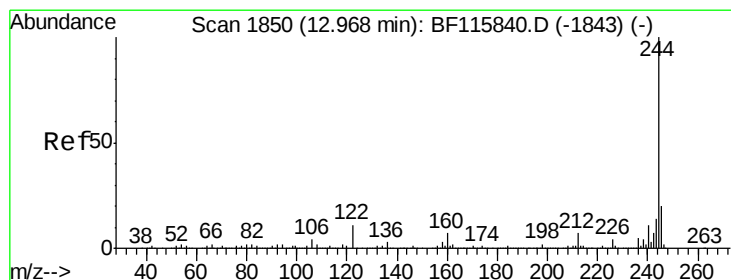
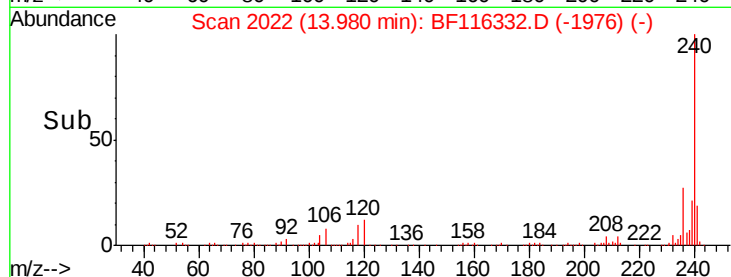
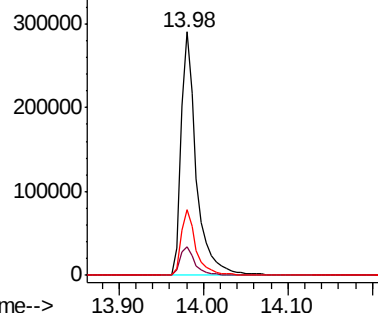
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116332.D
Acq: 16 Aug 2019 21:55

Instrument :
BNA_F
ClientSampleId :
1S-O-(0-1)-COMP

Tgt Ion:240 Resp: 368813
Ion Ratio Lower Upper
240 100
120 11.5 10.7 16.1
236 27.2 22.2 33.2

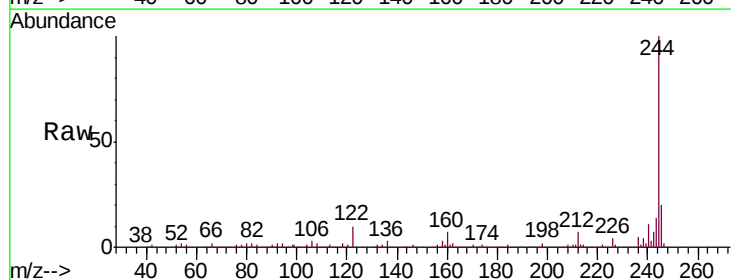


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

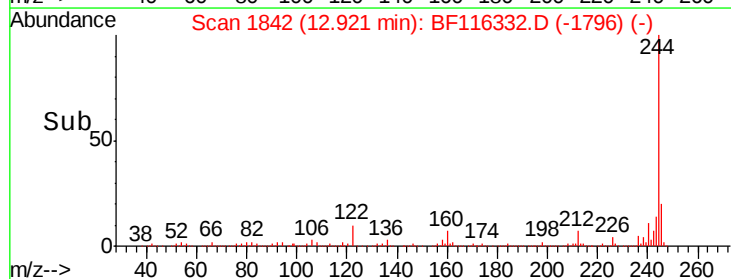
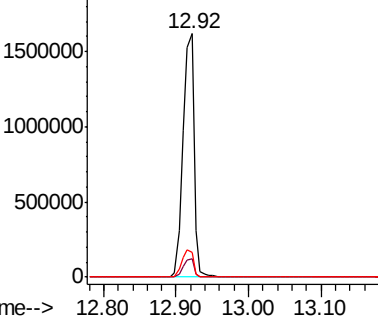


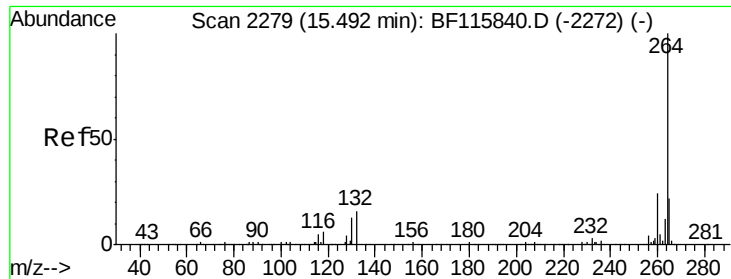
#79
Terphenyl-d14
Concen: 98.279 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.03 min
Lab File: BF116332.D
Acq: 16 Aug 2019 21:55

Tgt Ion:244 Resp: 1720150
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.2 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
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116332.D
Acq: 16 Aug 2019 21:55

Instrument :
BNA_F
ClientSampleId :
1S-O-(0-1)-COMP

Tgt Ion: 264 Resp: 310224
Ion Ratio Lower Upper
264 100
260 24.1 19.7 29.5
265 21.9 17.4 26.0

