

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116703.D
 Acq On : 31 Aug 2019 17:00
 Operator : HP/JU
 Sample : K4619-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-COMP

Quant Time: Sep 01 00:43:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

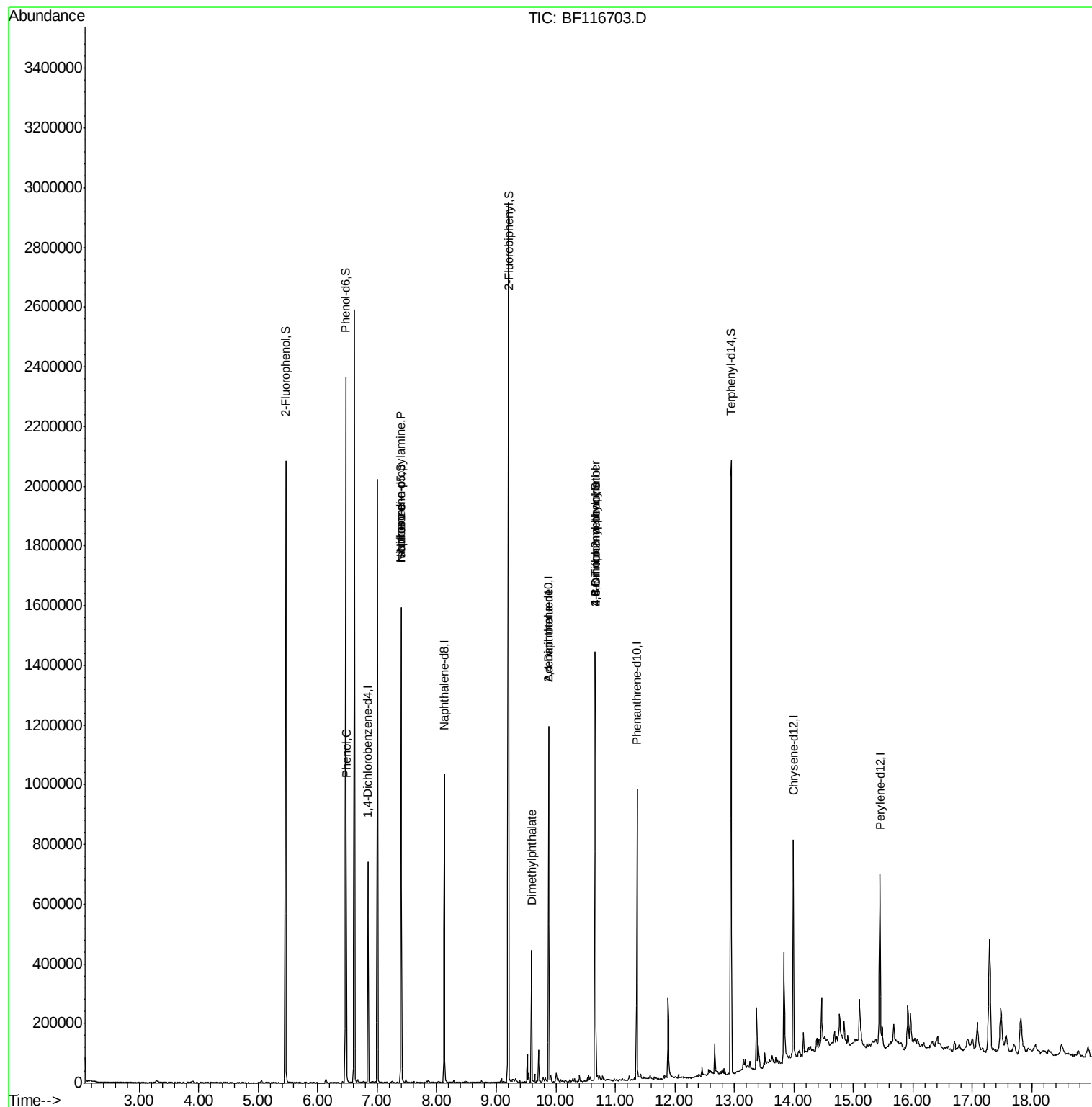
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101630	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	410424	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	211876	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	324751	20.00	ng	0.00
76) Chrysene-d12	13.99	240	210789	20.00	ng	0.00
87) Perylene-d12	15.44	264	250222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	578337	92.19	ng	0.00
7) Phenol-d6	6.47	99	793379	96.31	ng	0.00
23) Nitrobenzene-d5	7.40	82	490801	68.27	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	142280	100.45	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	816900	65.04	ng	0.00
79) Terphenyl-d14	12.94	244	682955	59.94	ng	0.00
Target Compounds						
10) Phenol	6.49	94	21787	2.389	ng	91
19) n-Nitroso-di-n-propylamine	7.40	70	64130	11.824	ng	# 73
25) Isophorone	7.40	82	490792	33.689	ng	# 66
50) Dimethylphthalate	9.59	163	155822	10.652	ng	97
57) 2,4-Dinitrotoluene	9.88	165	26572	7.786	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.66	198	291	7.657	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	9563	2.899	ng	# 1

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

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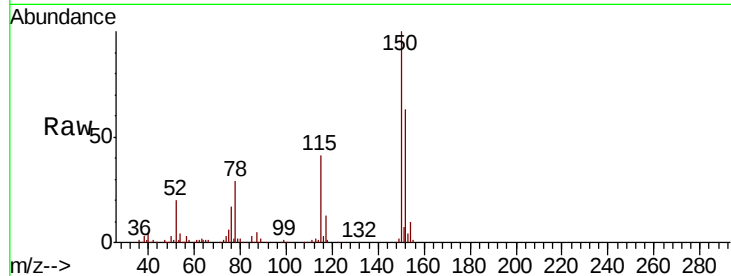


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116703.D
Acq: 31 Aug 2019 17:00

Instrument :
BNA_F
ClientSampleId :
TP7-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.4	186.6
115	65.4	49.9	74.9

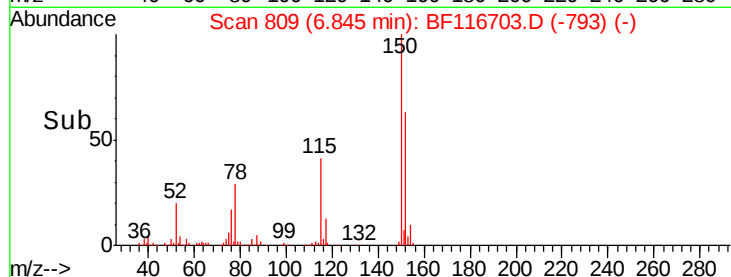
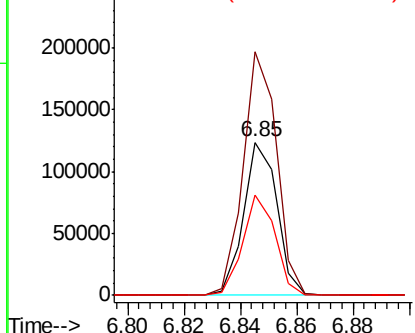


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

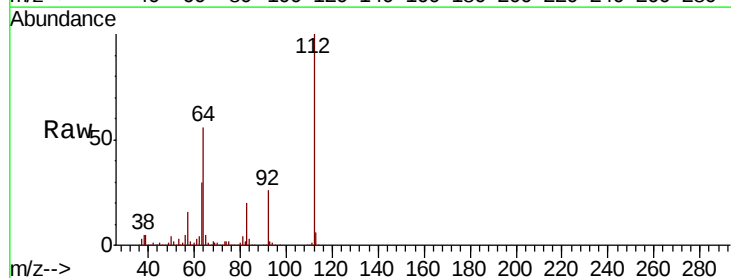
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.191 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF116703.D
Acq: 31 Aug 2019 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.1	70.7
63	29.7	24.9	37.3

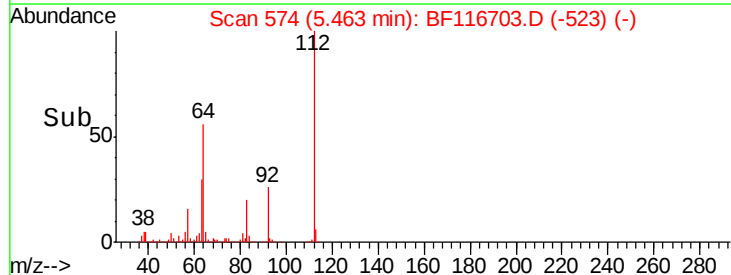
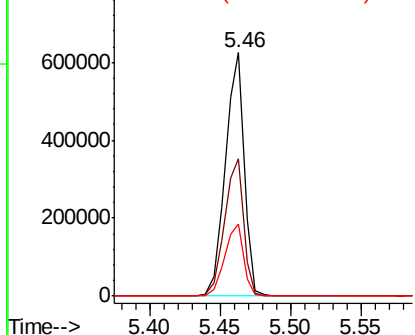


Abundance

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: 96.314 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116703.D

Acq: 31 Aug 2019 17:00

Instrument :

BNA_F

ClientSampleId :

TP7-COMP

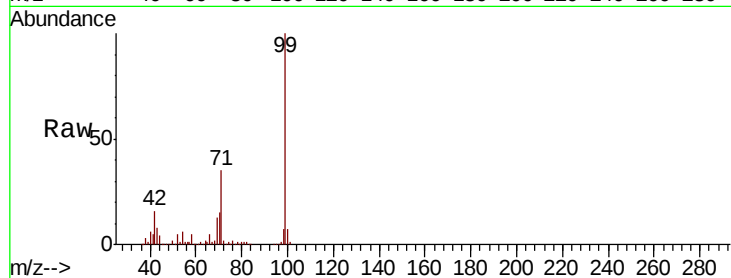
Tot Ion: 99 Resp: 793379

Ion Ratio Lower Upper

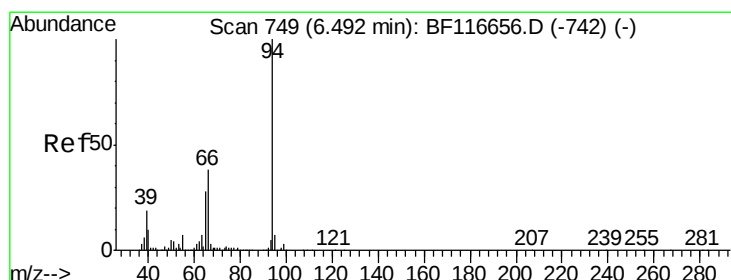
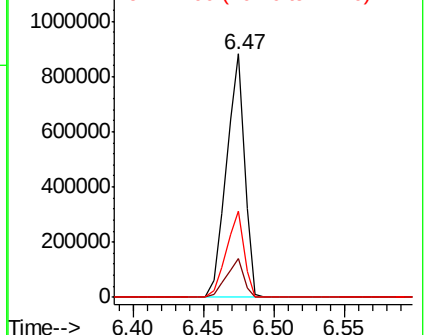
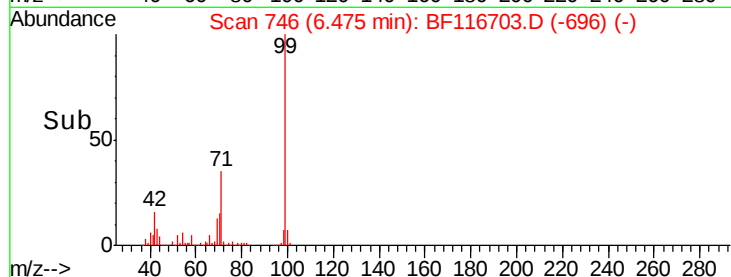
99 100

42 15.9 13.7 20.5

71 35.4 30.8 46.2



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: 2.389 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116703.D

Acq: 31 Aug 2019 17:00

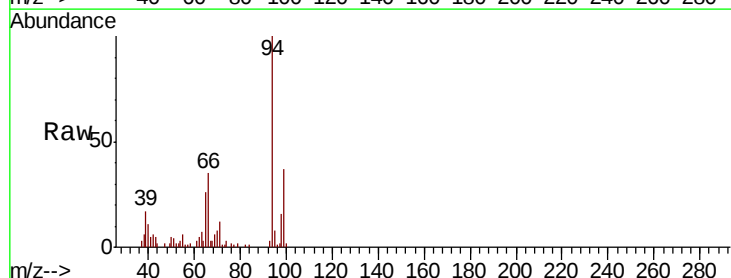
Tgt Ion: 94 Resp: 21787

Ion Ratio Lower Upper

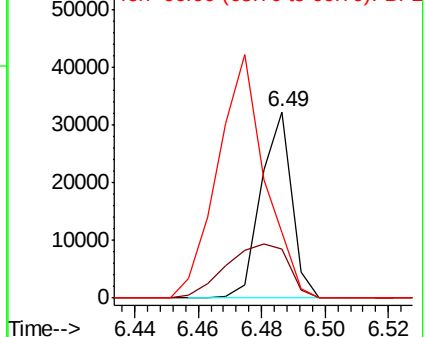
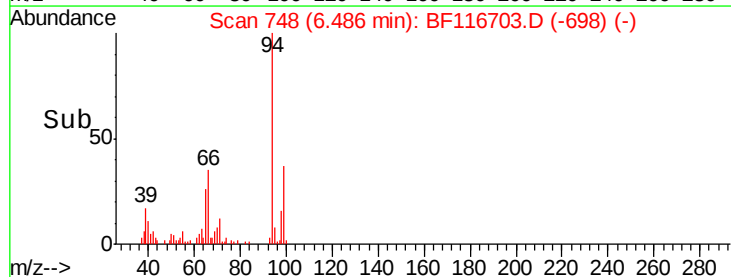
94 100

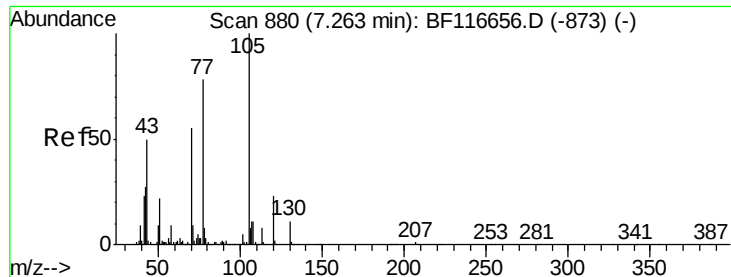
65 26.5 10.8 50.8

66 35.3 21.1 61.1



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

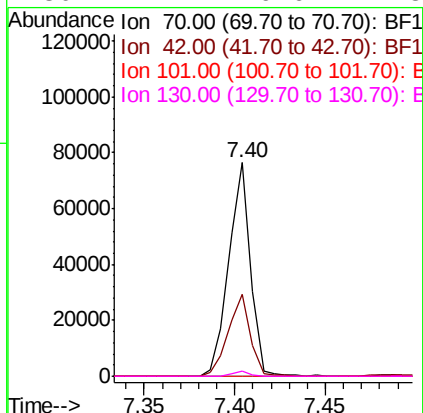
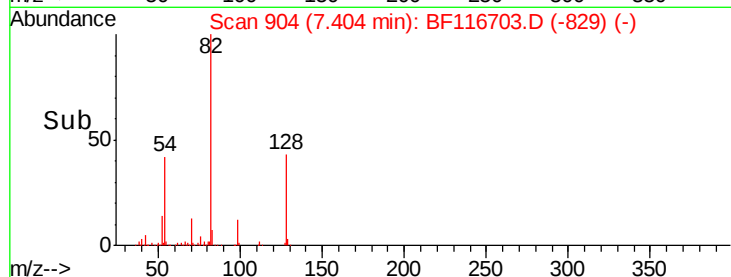
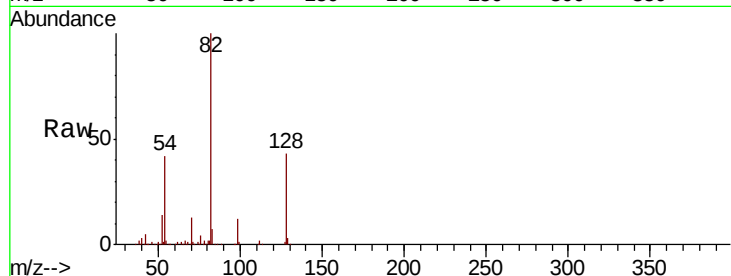




#19
n-Nitroso-di-n-propylamine
Concen: 11.824 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116703.D
Acq: 31 Aug 2019 17:00

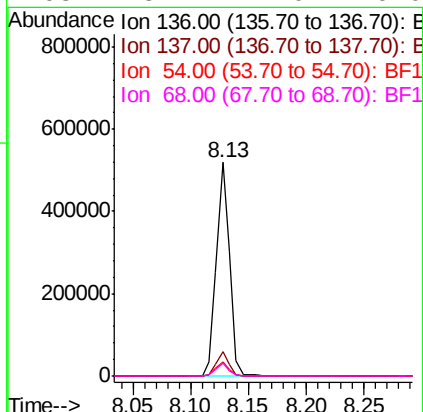
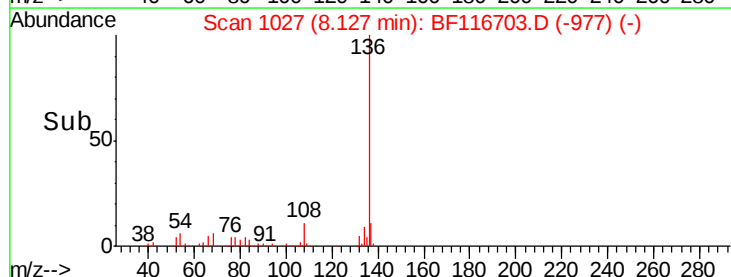
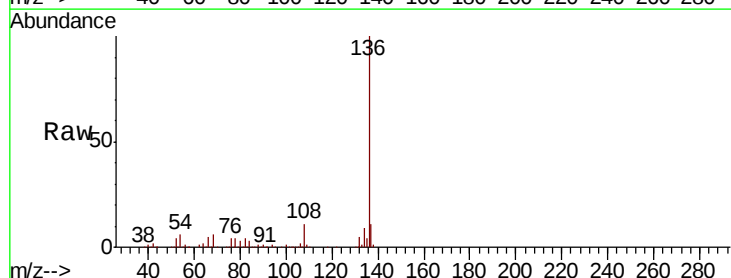
Instrument :
BNA_F
ClientSampleId :
TP7-COMP

Tot Ion:	70	Resp:	64130
Ion	Ratio	Lower	Upper
70	100		
42	38.3	43.5	65.3#
101	0.0	7.8	11.6#
130	2.4	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116703.D
Acq: 31 Aug 2019 17:00

Tgt Ion:	136	Resp:	410424
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.4	4.8	7.2
68	5.7	4.0	6.0





#23

Nitrobenzene-d5

Concen: 68.267 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116703.D

Acq: 31 Aug 2019 17:00

Instrument :

BNA_F

ClientSampleId :

TP7-COMP

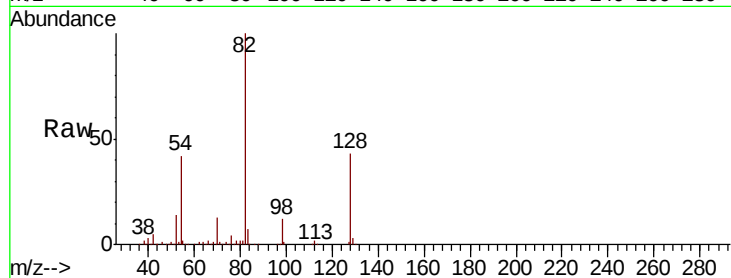
Tot Ion: 82 Resp: 490801

Ion Ratio Lower Upper

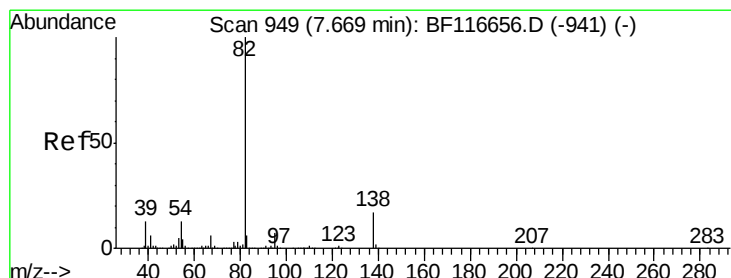
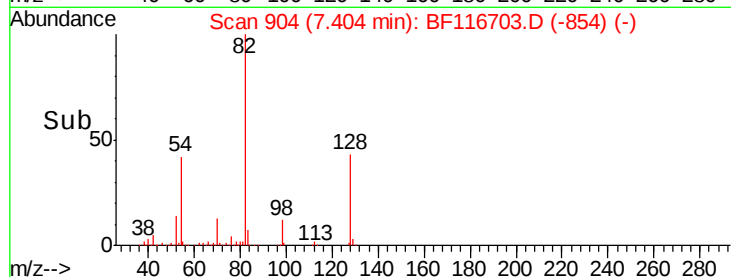
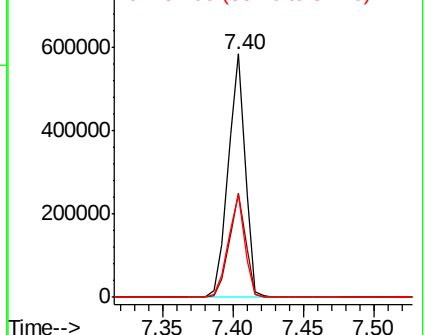
82 100

128 43.0 32.8 49.2

54 42.0 36.9 55.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 33.689 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116703.D

Acq: 31 Aug 2019 17:00

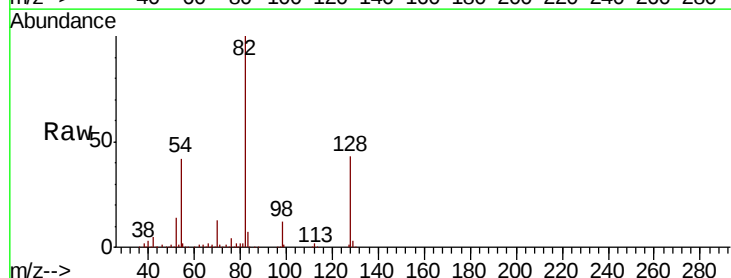
Tgt Ion: 82 Resp: 490792

Ion Ratio Lower Upper

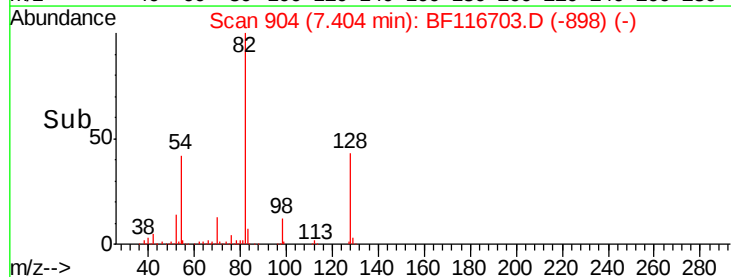
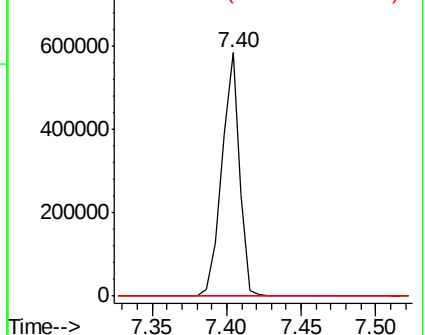
82 100

95 0.0 5.8 8.6#

138 0.0 13.5 20.3#



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

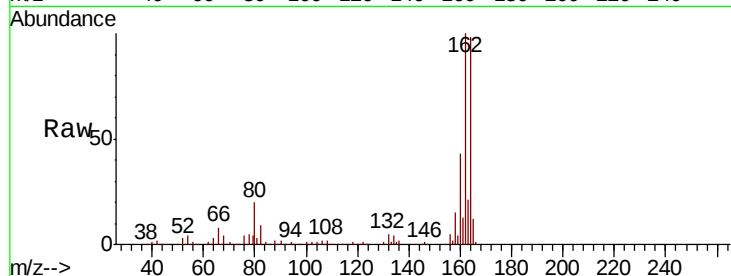




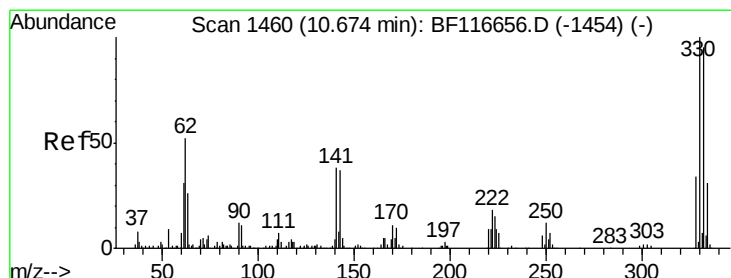
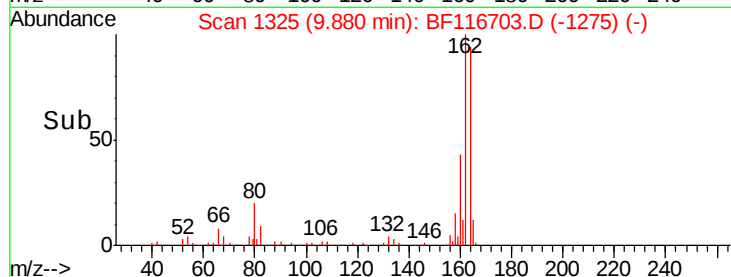
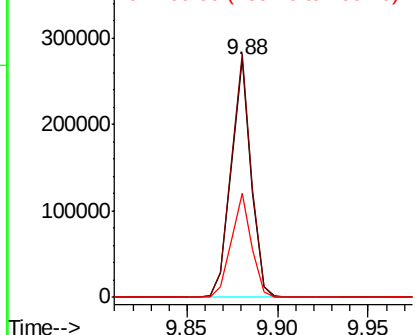
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116703.D
Acq: 31 Aug 2019 17:00

Instrument :
BNA_F
ClientSampleId :
TP7-COMP

Tot Ion:164 Resp: 211876
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 43.9 35.4 53.2

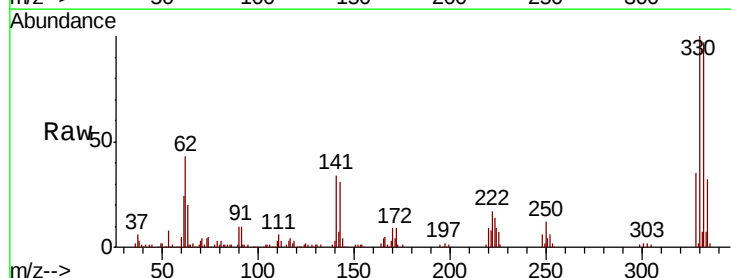


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

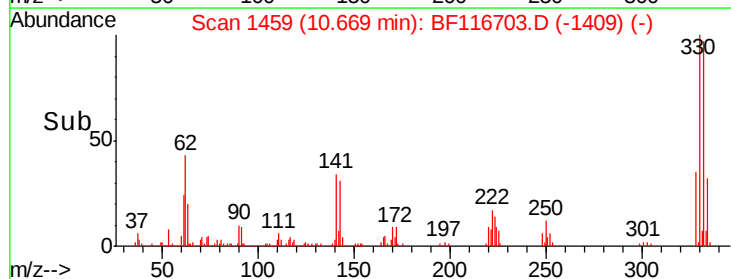
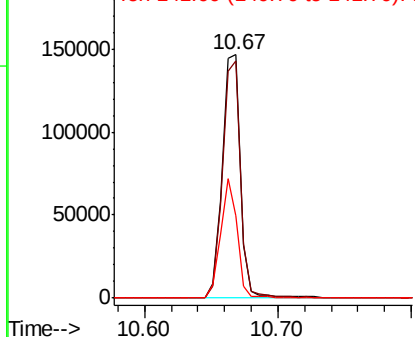


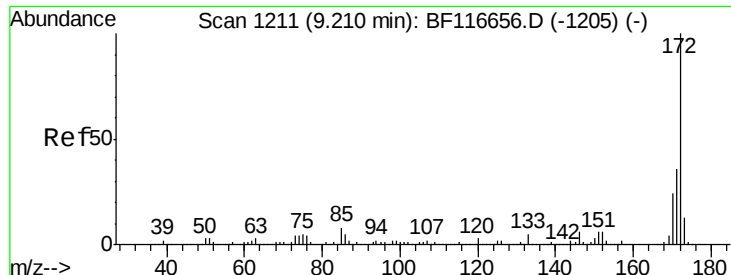
#42
2,4,6-Tribromophenol
Concen: 100.449 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116703.D
Acq: 31 Aug 2019 17:00

Tgt Ion:330 Resp: 142280
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 44.7 31.4 47.2



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

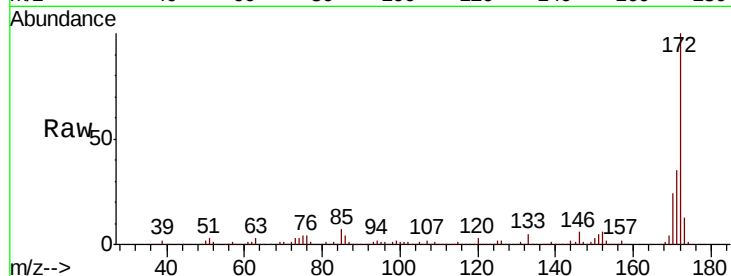




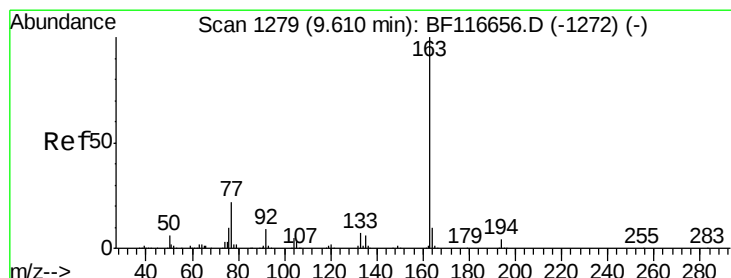
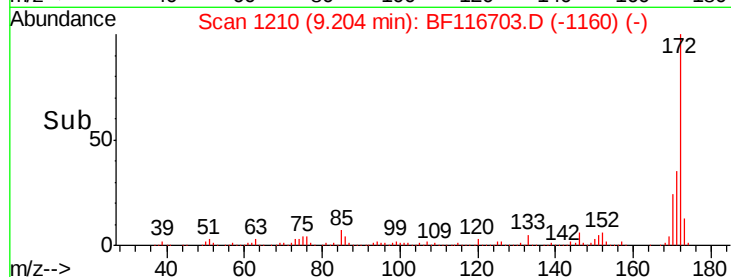
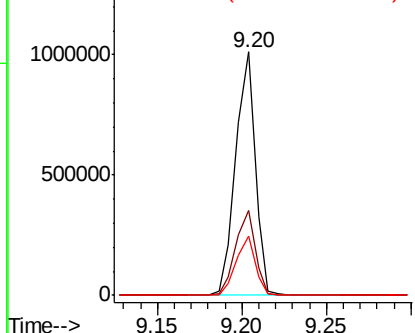
#45
 2-Fluorobiphenyl
 Concen: 65.039 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116703.D
 Acq: 31 Aug 2019 17:00

Instrument :
 BNA_F
 ClientSampleId :
 TP7-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	24.2	18.9	28.3

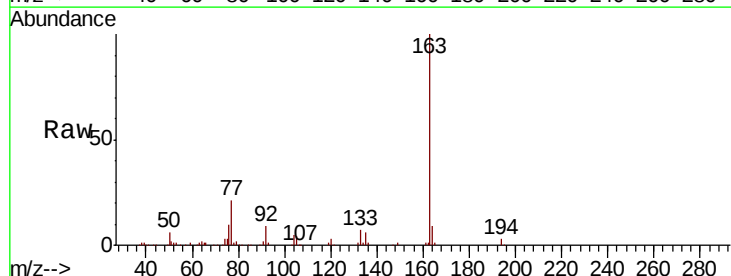


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

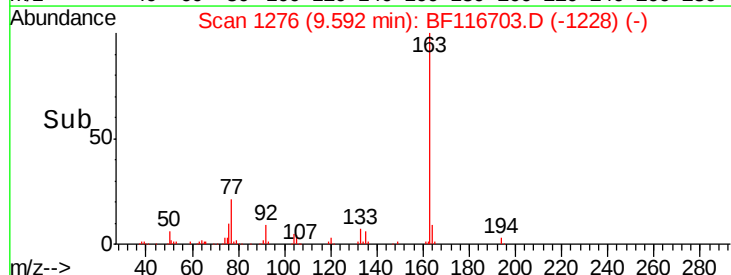
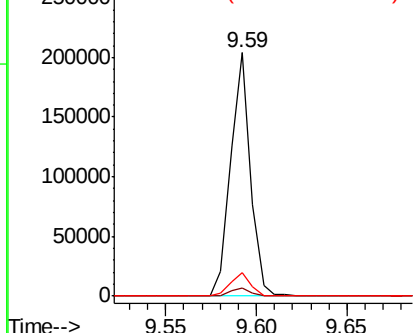


#50
 Dimethylphthalate
 Concen: 10.652 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF116703.D
 Acq: 31 Aug 2019 17:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.5	8.6	12.8



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: 7.786 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF116703.D

Acq: 31 Aug 2019 17:00

Instrument :

BNA_F

ClientSampleId :

TP7-COMP

Tot Ion:165 Resp: 26572

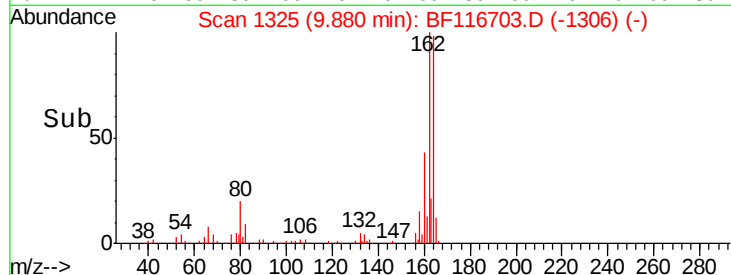
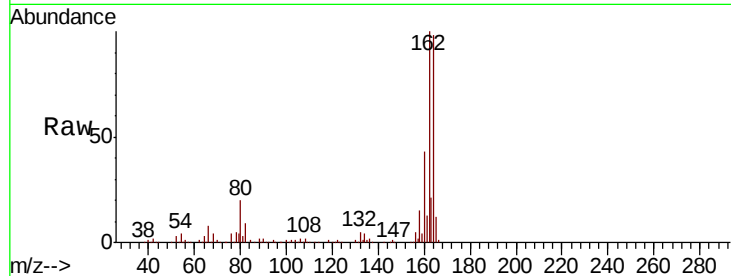
Ion Ratio Lower Upper

165 100

63 1.9 36.4 54.6#

89 1.5 62.6 94.0#

182 0.0 2.1 3.1#

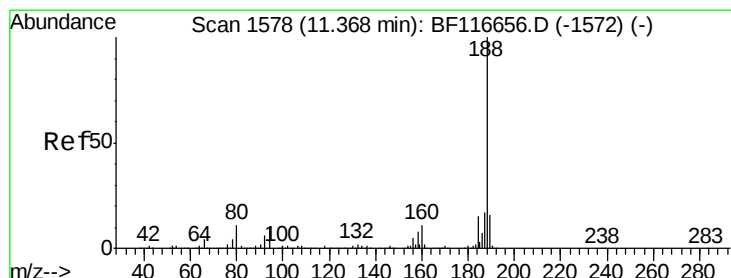
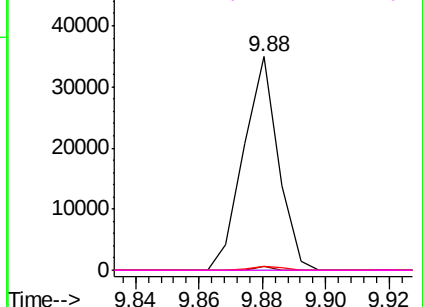


Abundance Ion 165.00 (164.70 to 165.70): E

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# 1577

Delta R.T. -0.01 min

Lab File: BF116703.D

Acq: 31 Aug 2019 17:00

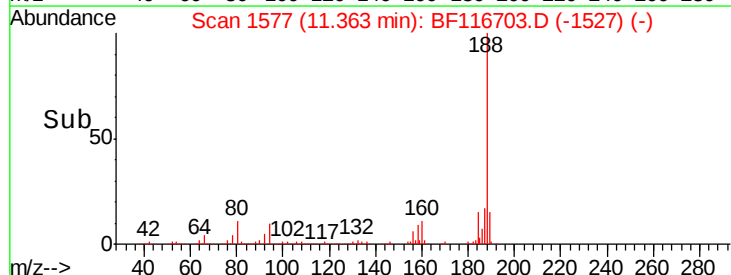
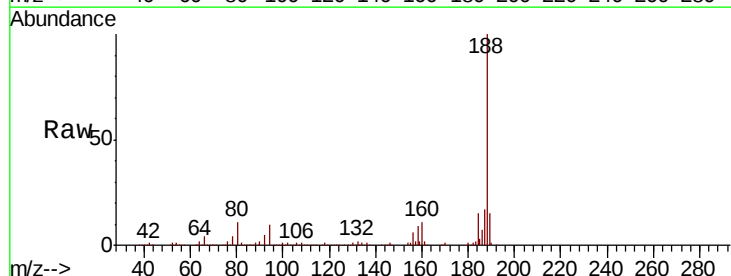
Tgt Ion:188 Resp: 324751

Ion Ratio Lower Upper

188 100

94 10.2 7.3 10.9

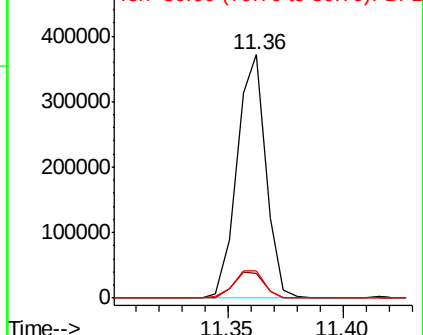
80 11.3 8.4 12.6

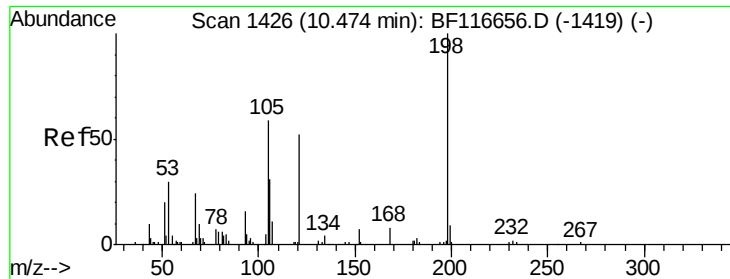


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

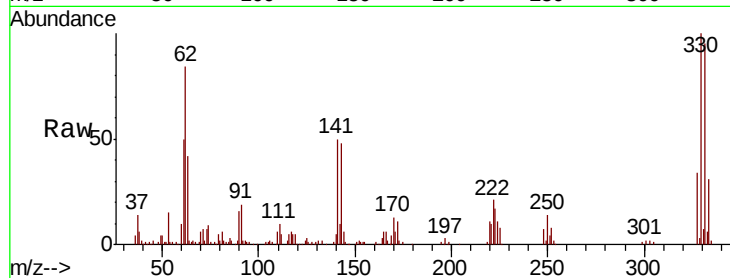




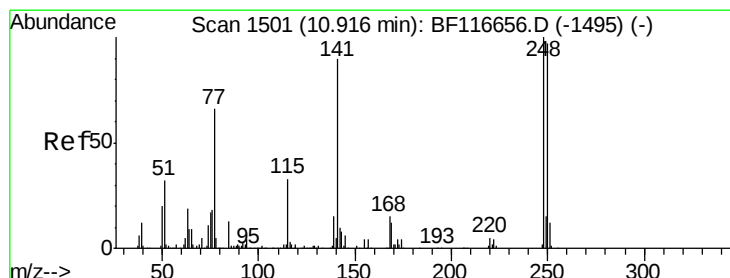
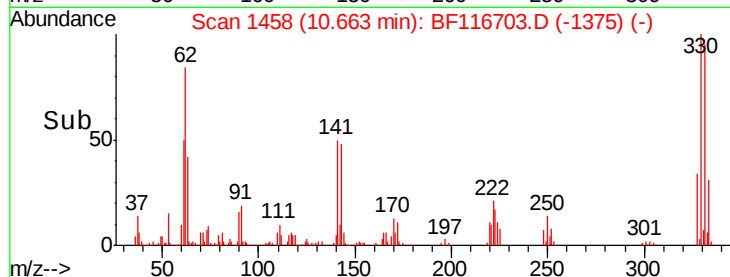
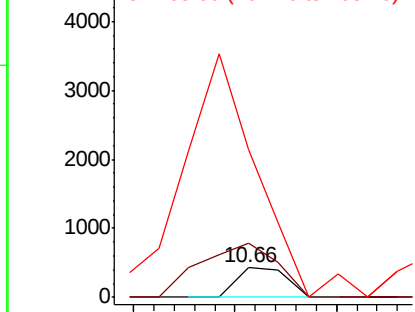
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.657 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.19 min
 Lab File: BF116703.D
 Acq: 31 Aug 2019 17:00

Instrument :
 BNA_F
 ClientSampleId :
 TP7-COMP

Tot Ion:198 Resp: 291
 Ion Ratio Lower Upper
 198 100
 51 180.3 18.4 58.4#
 105 495.1 22.9 62.9#

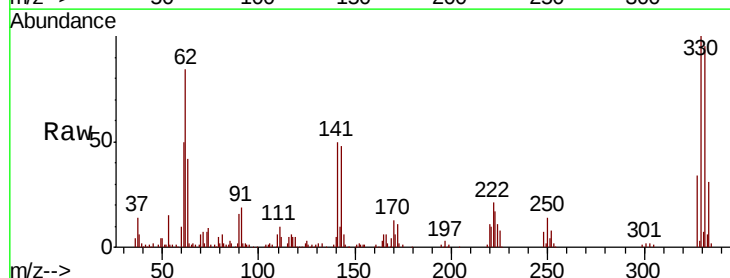


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

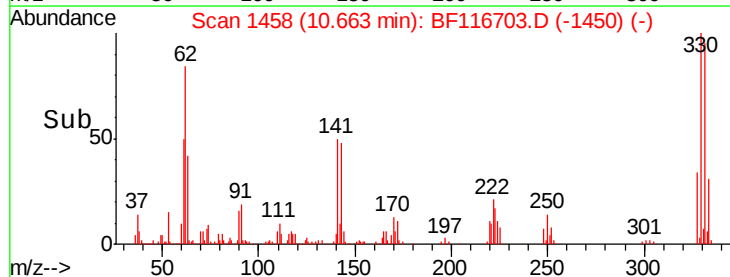
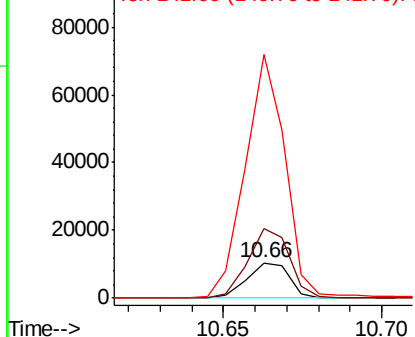


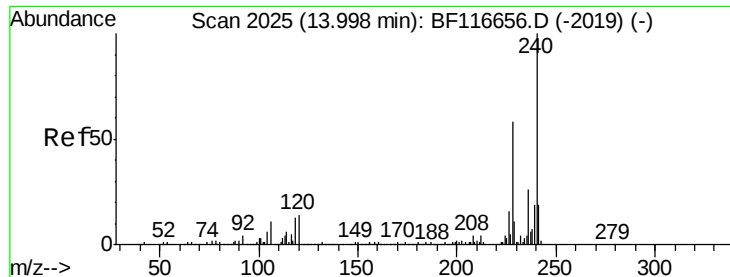
#67
 4-Bromophenyl-phenylether
 Concen: 2.899 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116703.D
 Acq: 31 Aug 2019 17:00

Tgt Ion:248 Resp: 9563
 Ion Ratio Lower Upper
 248 100
 250 196.9 77.8 116.8#
 141 691.8 75.9 113.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

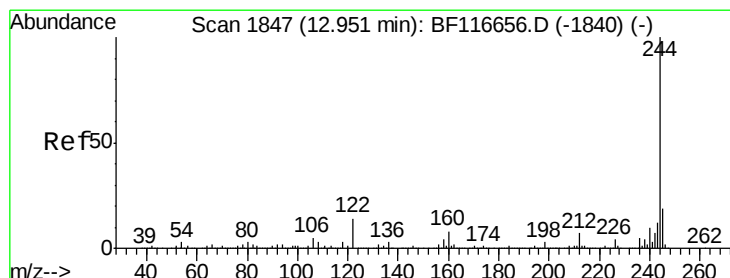
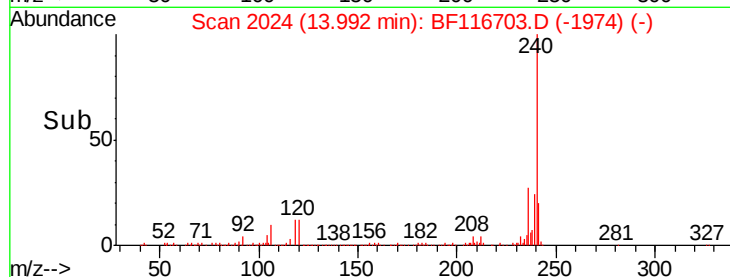
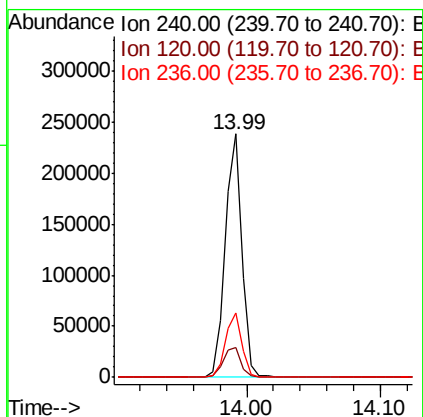
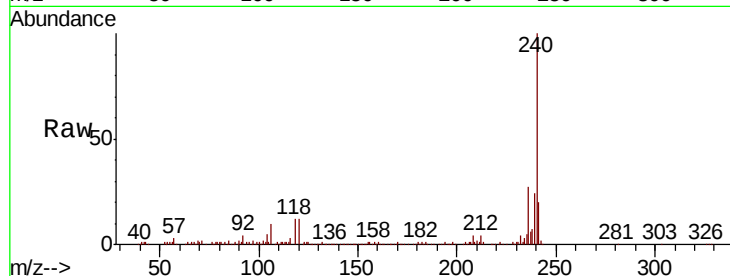




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116703.D
Acq: 31 Aug 2019 17:00

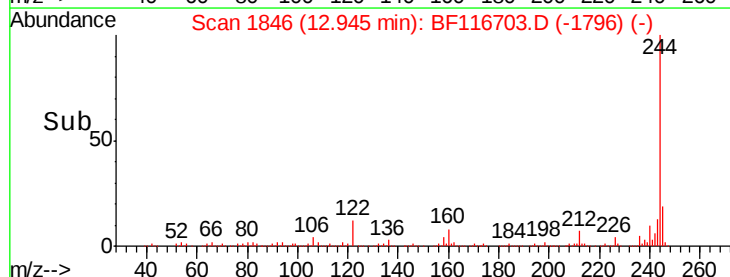
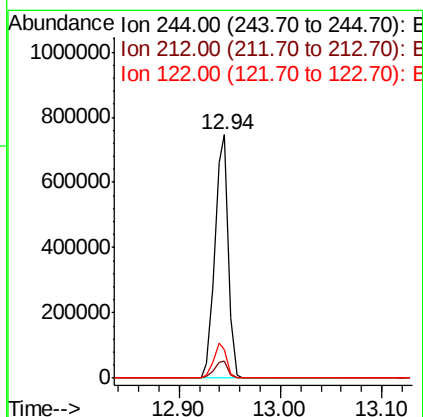
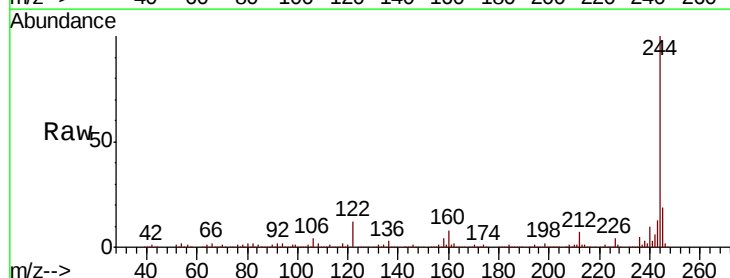
Instrument :
BNA_F
ClientSampleId :
TP7-COMP

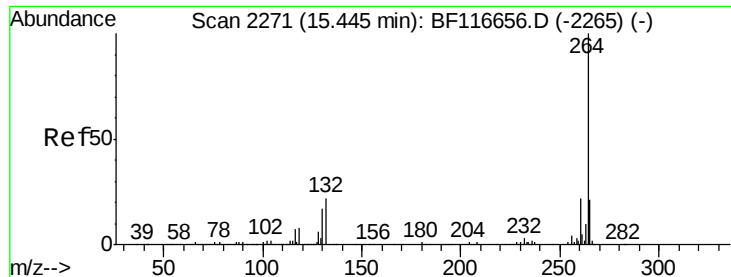
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.1	13.7
236	26.6	21.1	31.7



#79
Terphenyl-d14
Concen: 59.938 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116703.D
Acq: 31 Aug 2019 17:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	12.0	10.2	15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF116703.D
Acq: 31 Aug 2019 17:00

Instrument :
BNA_F
ClientSampleId :
TP7-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.2	16.5	24.7

