

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116708.D
 Acq On : 31 Aug 2019 19:17
 Operator : HP/JU
 Sample : K4619-33
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP11-COMP

Quant Time: Sep 01 00:44:33 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

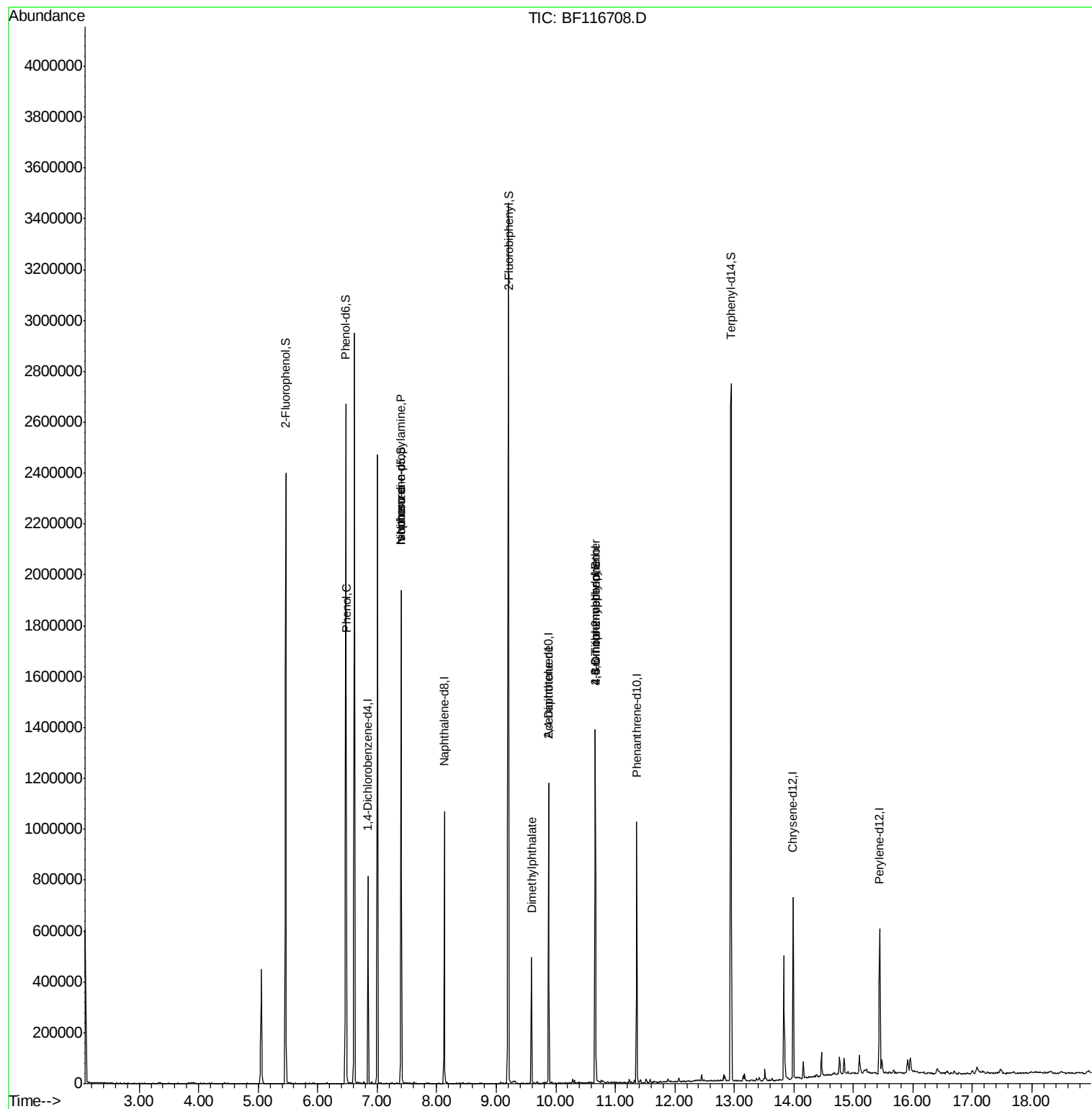
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	109130	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	429313	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	216103	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	363559	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	229364	20.00	ng	-0.01
87) Perylene-d12	15.44	264	253696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	684640	101.64	ng	0.00
7) Phenol-d6	6.47	99	980010	110.79	ng	0.00
23) Nitrobenzene-d5	7.40	82	610704	81.21	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	132082	91.43	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1002141	78.23	ng	0.00
79) Terphenyl-d14	12.95	244	946137	76.31	ng	0.00
Target Compounds						
10) Phenol	6.49	94	24793	2.531	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	81134	13.931	ng	# 72
25) Isophorone	7.40	82	610693	40.075	ng	# 66
50) Dimethylphthalate	9.59	163	183925	12.328	ng	99
57) 2,4-Dinitrotoluene	9.88	165	28537	8.199	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.66	198	141	7.540	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	8631	2.337	ng	# 1

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

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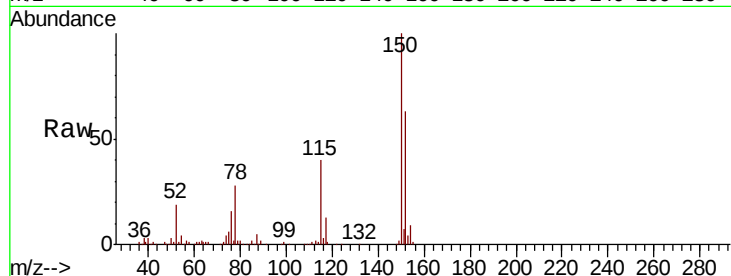


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116708.D
Acq: 31 Aug 2019 19:17

Instrument :
BNA_F
ClientSampleId :
TP11-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.4	186.6
115	63.5	49.9	74.9

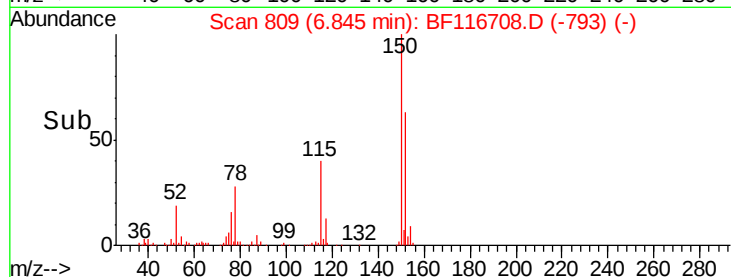
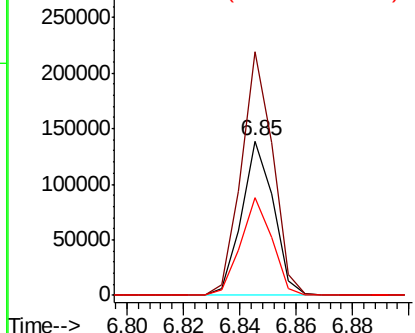


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

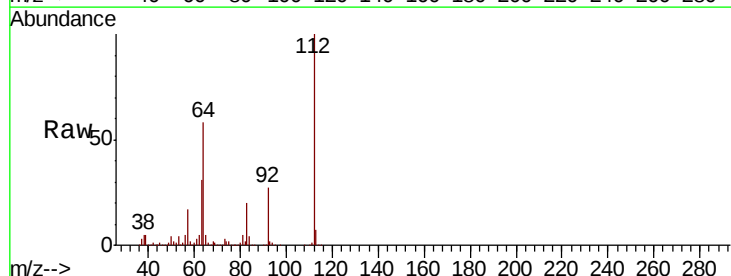
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.636 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116708.D
Acq: 31 Aug 2019 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.1	70.7
63	30.6	24.9	37.3

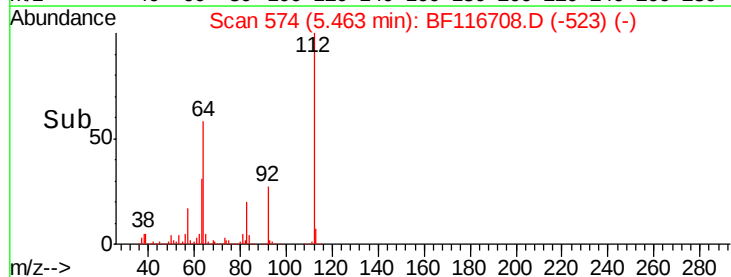
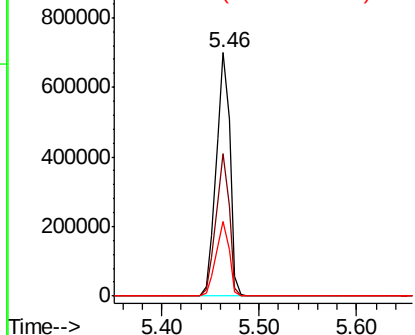


Abundance

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: 110.794 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116708.D

Acq: 31 Aug 2019 19:17

Instrument :

BNA_F

ClientSampleId :

TP11-COMP

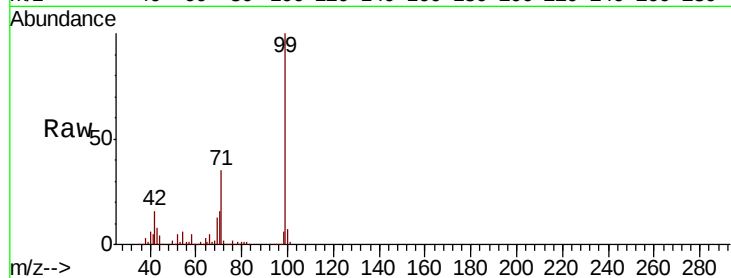
Tot Ion: 99 Resp: 980010

Ion Ratio Lower Upper

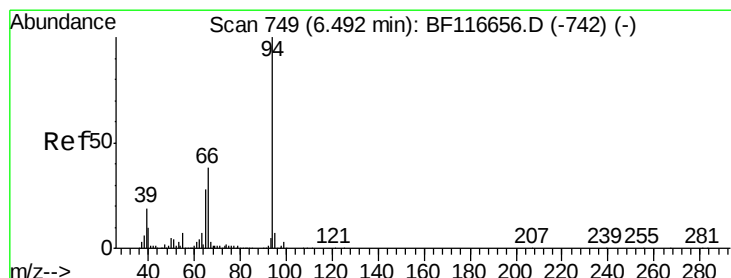
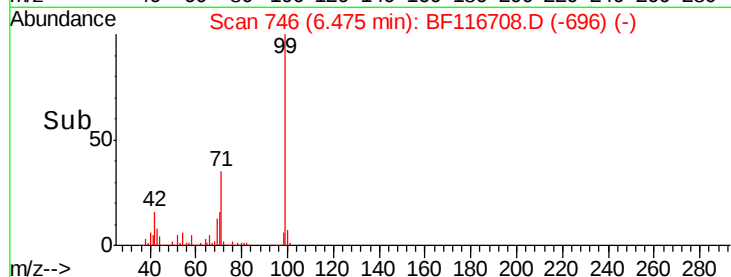
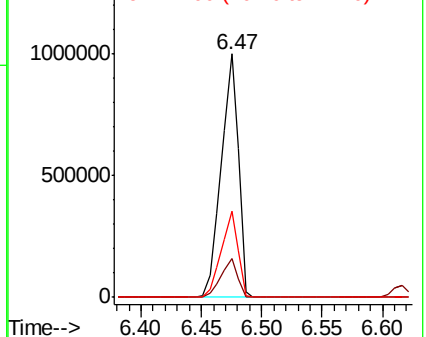
99 100

42 15.7 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: 2.531 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116708.D

Acq: 31 Aug 2019 19:17

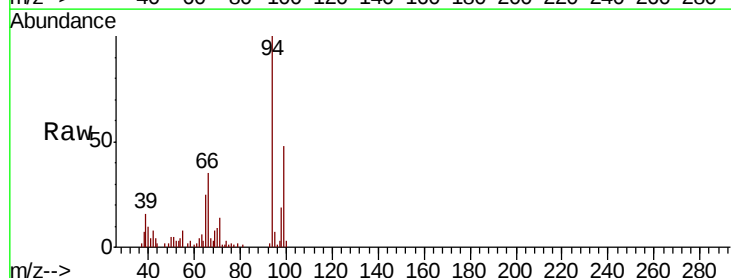
Tgt Ion: 94 Resp: 24793

Ion Ratio Lower Upper

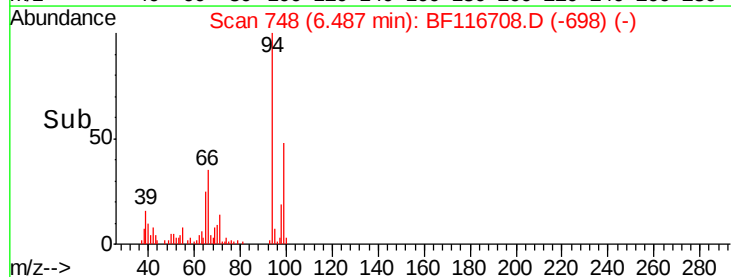
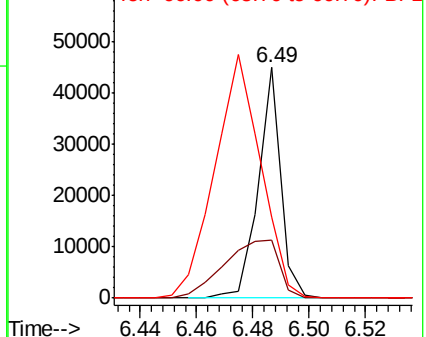
94 100

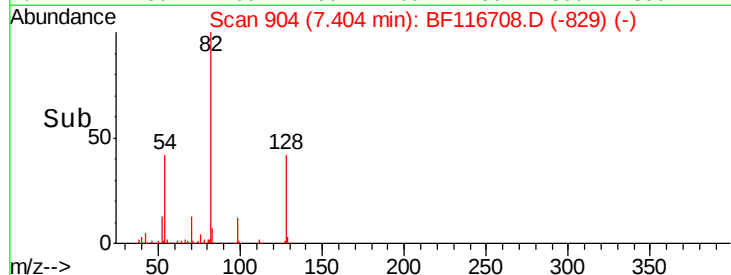
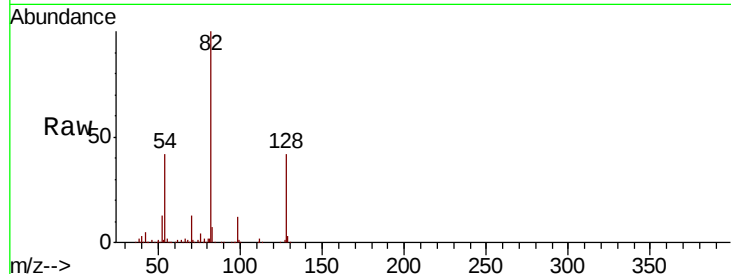
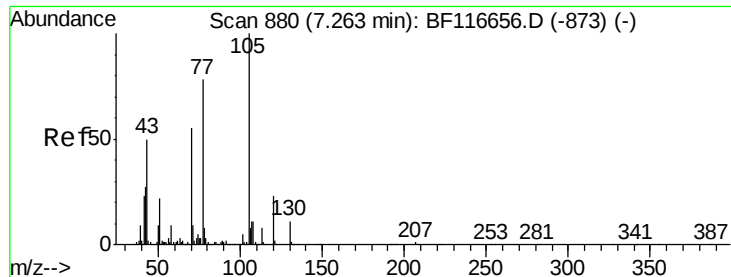
65 25.1 10.8 50.8

66 35.1 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

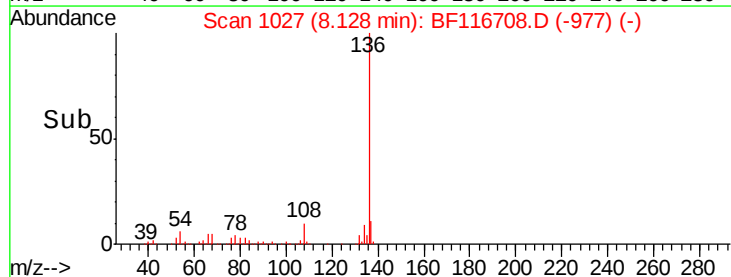
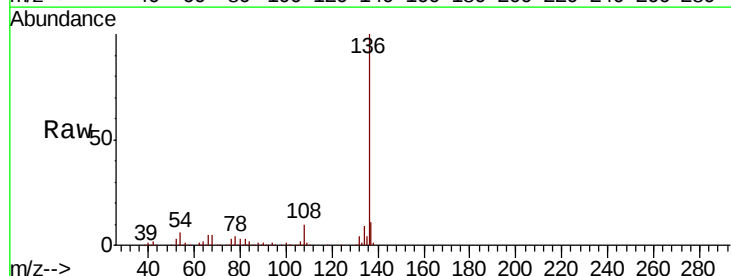
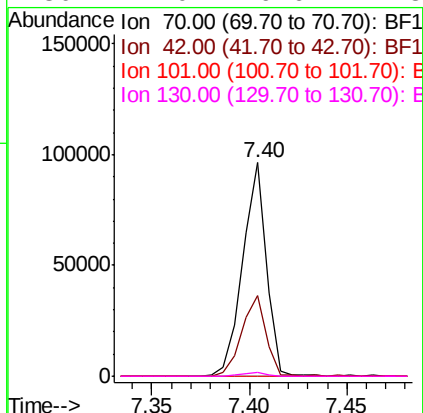




#19
n-Nitroso-di-n-propylamine
Concen: 13.931 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116708.D
Acq: 31 Aug 2019 19:17

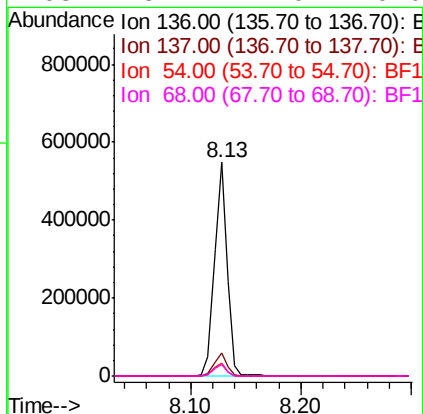
Instrument :
BNA_F
ClientSampleId :
TP11-COMP

Tot Ion:	70	Resp:	81134
Ion	Ratio	Lower	Upper
70	100		
42	37.9	43.5	65.3#
101	0.0	7.8	11.6#
130	2.0	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: BF116708.D
Acq: 31 Aug 2019 19:17

Tgt Ion:	136	Resp:	429313
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.9	4.8	7.2
68	5.4	4.0	6.0

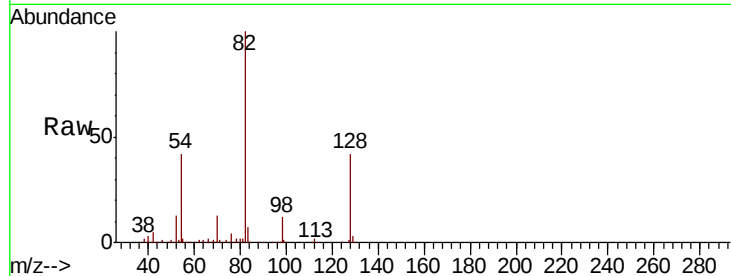




#23
Nitrobenzene-d5
Concen: 81.208 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116708.D
Acq: 31 Aug 2019 19:17

Instrument :
BNA_F
ClientSampleId :
TP11-COMP

Tot Ion	82	Resp	610704
Ion Ratio	Lower	Upper	
82	100		
128	41.7	32.8	49.2
54	41.8	36.9	55.3

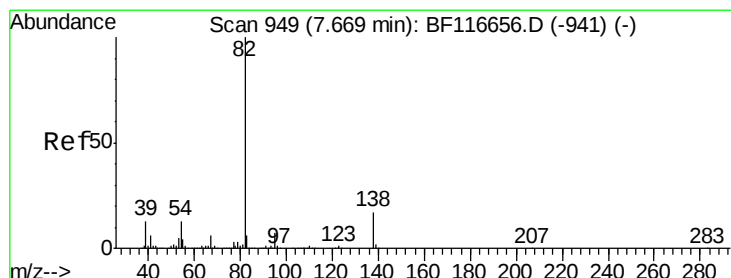
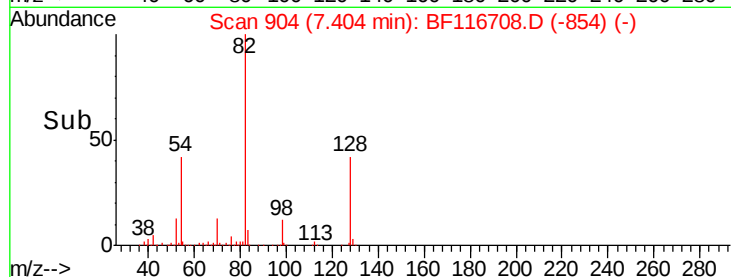
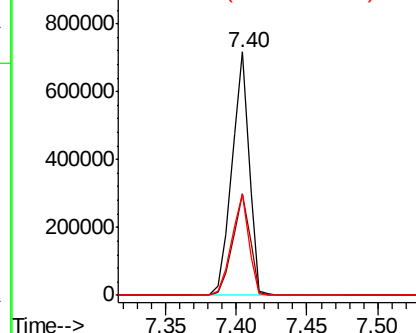


Abundance

Ion 82.00 (81.70 to 82.70): BF1

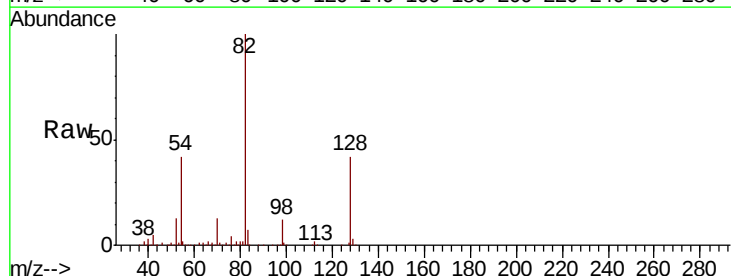
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25
Isophorone
Concen: 40.075 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116708.D
Acq: 31 Aug 2019 19:17

Tgt Ion	82	Resp	610693
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

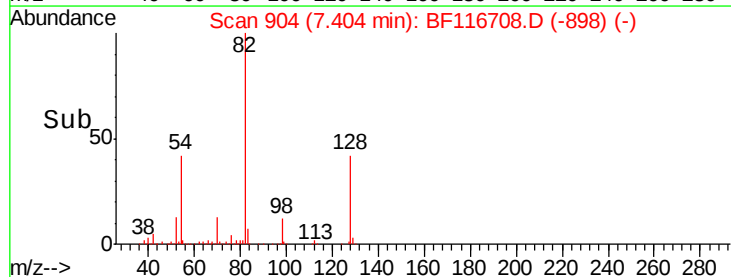
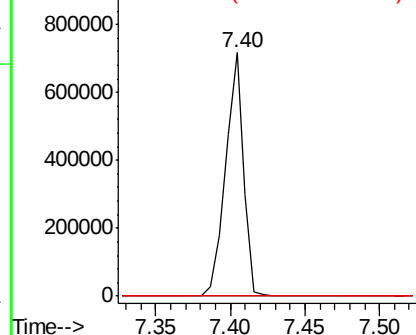


Abundance

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

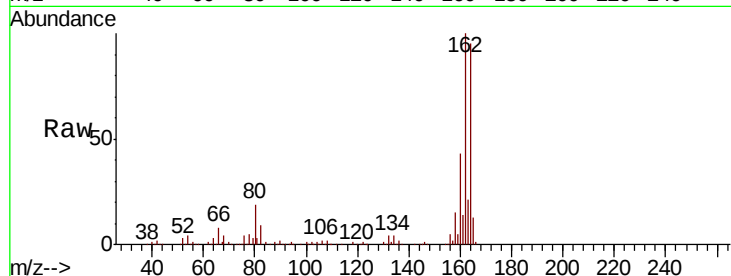




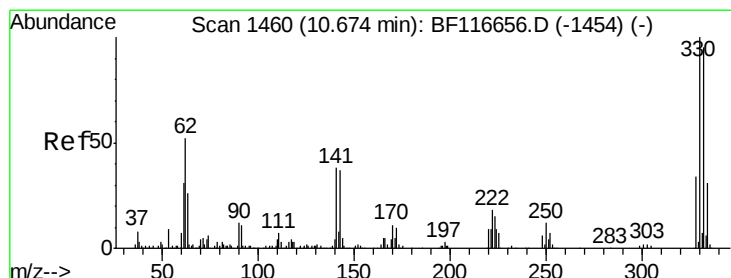
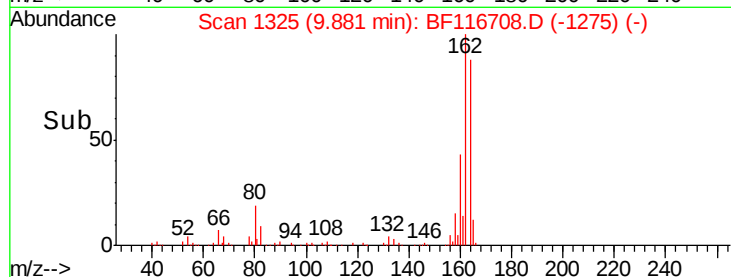
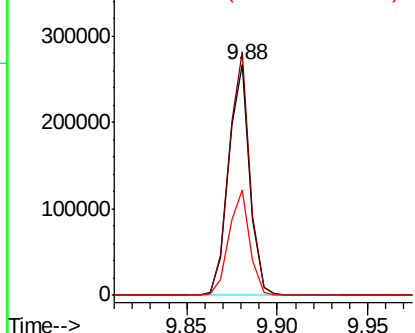
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116708.D
Acq: 31 Aug 2019 19:17

Instrument :
BNA_F
ClientSampleId :
TP11-COMP

Tot Ion:164 Resp: 216103
Ion Ratio Lower Upper
164 100
162 105.6 81.4 122.0
160 45.6 35.4 53.2

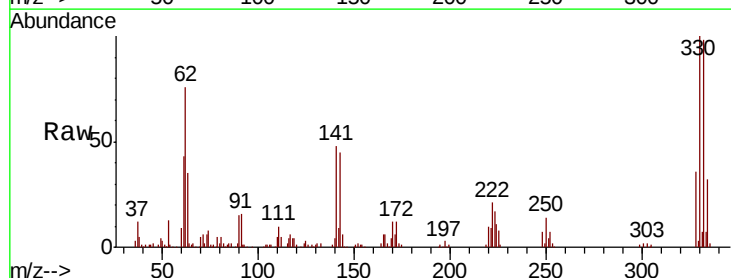


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

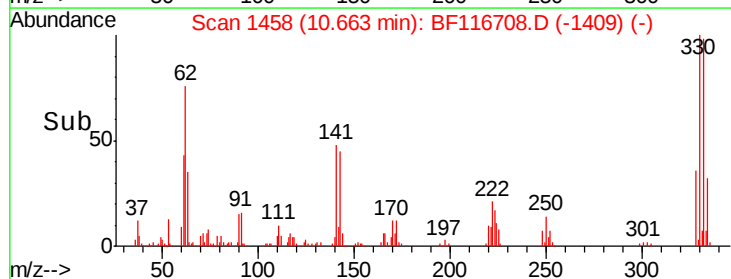
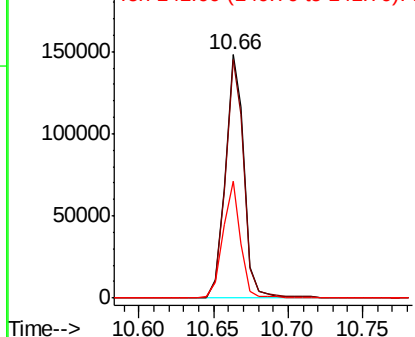


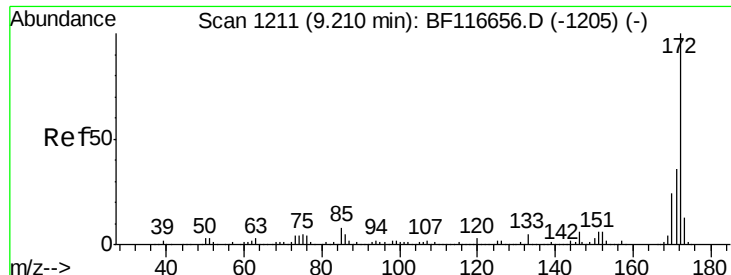
#42
2,4,6-Tribromophenol
Concen: 91.426 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116708.D
Acq: 31 Aug 2019 19:17

Tgt Ion:330 Resp: 132082
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 45.0 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

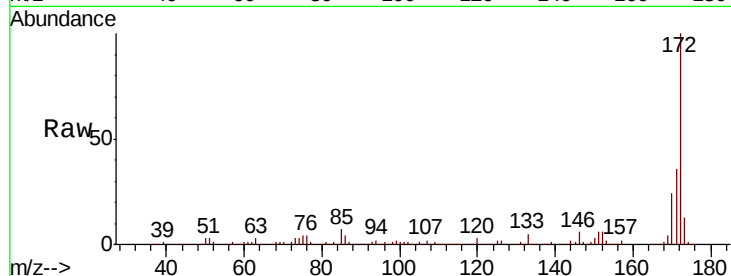




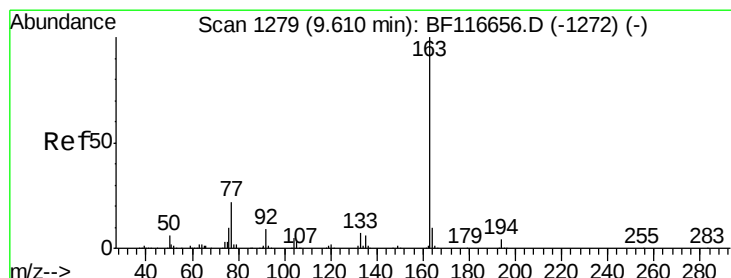
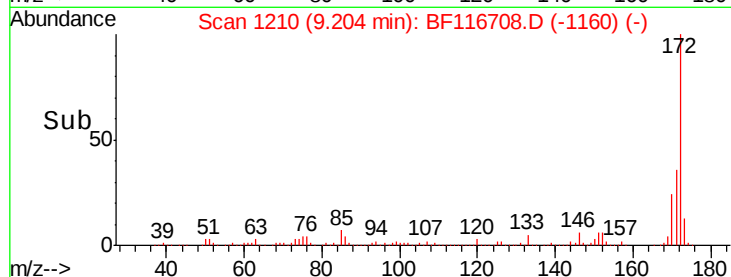
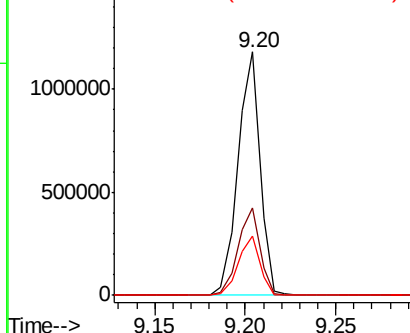
#45
2-Fluorobiphenyl
Concen: 78.227 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116708.D
Acq: 31 Aug 2019 19:17

Instrument :
BNA_F
ClientSampleId :
TP11-COMP

Tot Ion:172 Resp: 1002141
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 24.1 18.9 28.3

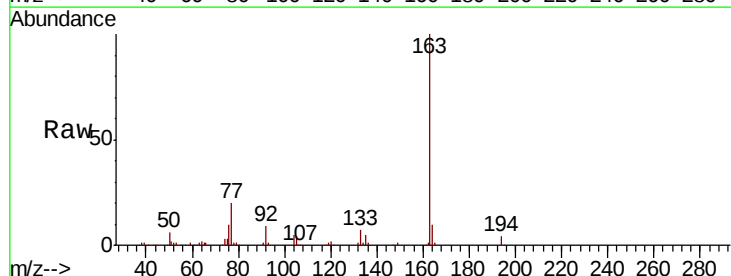


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

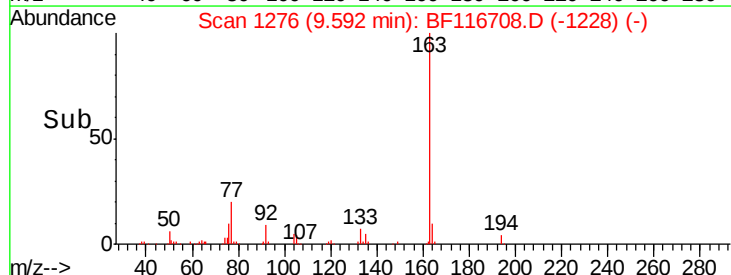
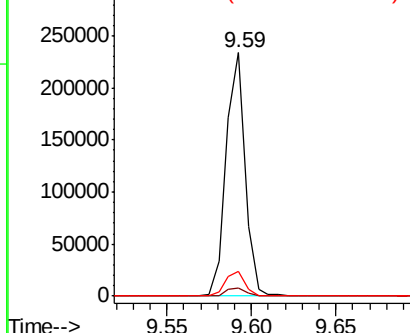


#50
Dimethylphthalate
Concen: 12.328 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116708.D
Acq: 31 Aug 2019 19:17

Tgt Ion:163 Resp: 183925
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.0 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

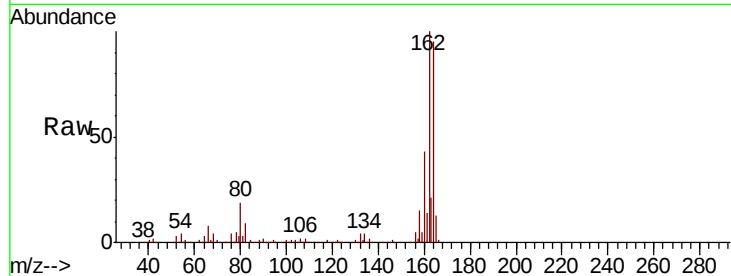




#57
 2,4-Dinitrotoluene
 Concen: 8.199 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116708.D
 Acq: 31 Aug 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 TP11-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	62.6	94.0#
182	0.0	2.1	3.1#

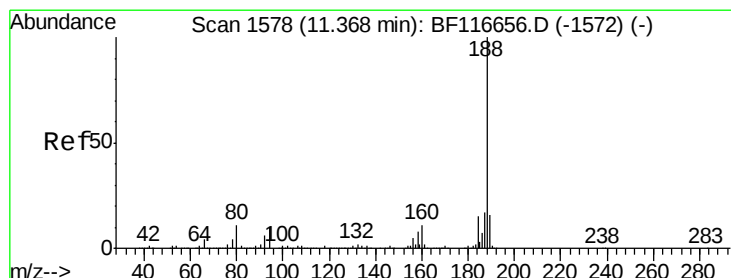
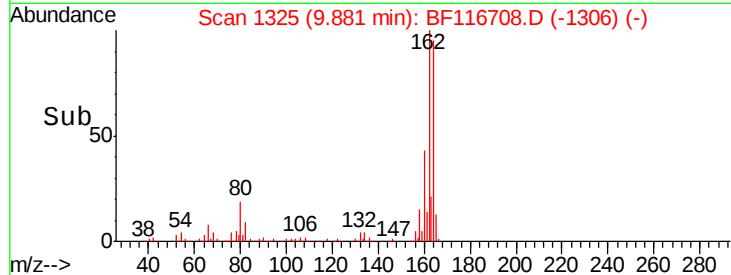
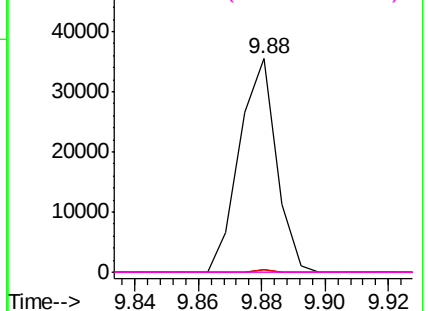


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

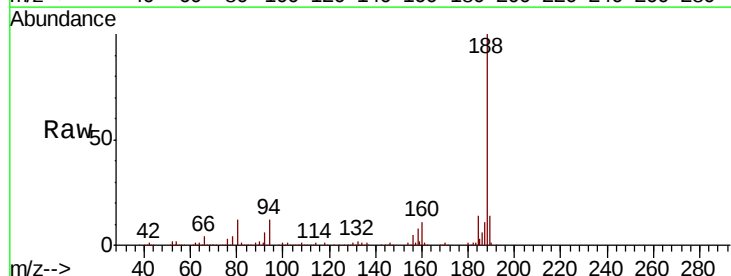
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116708.D
 Acq: 31 Aug 2019 19:17

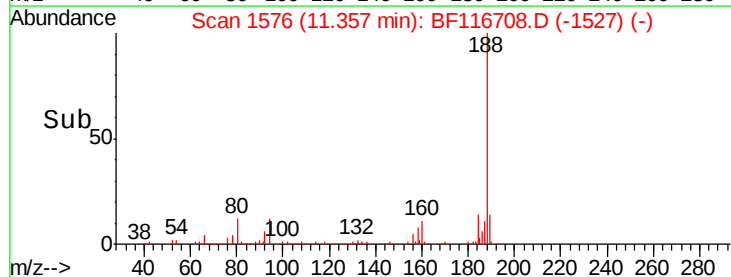
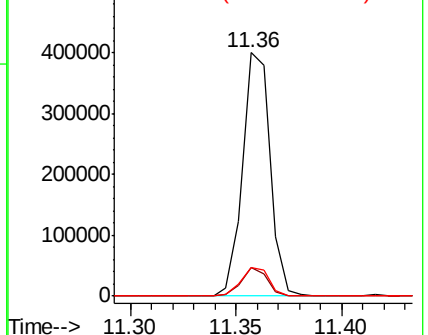
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.3	10.9#
80	12.0	8.4	12.6

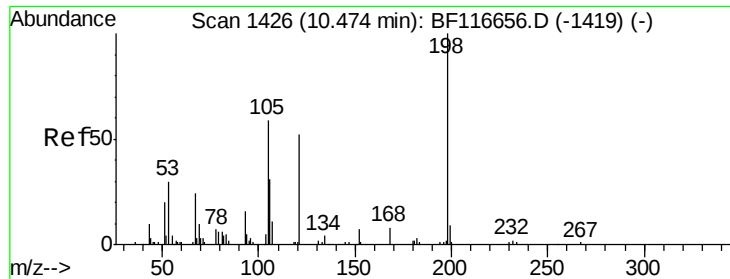


Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.540 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.19 min

Lab File: BF116708.D

Acq: 31 Aug 2019 19:17

Instrument :

BNA_F

ClientSampleId :

TP11-COMP

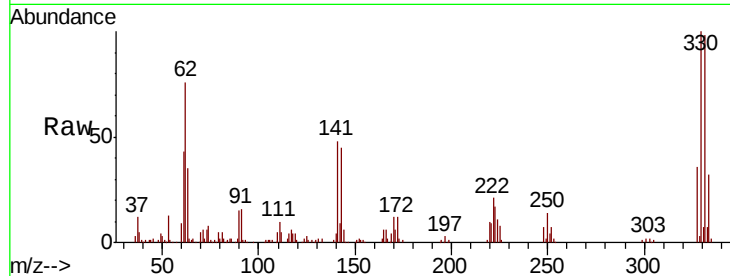
Tot Ion:198 Resp: 141

Ion Ratio Lower Upper

198 100

51 216.5 18.4 58.4#

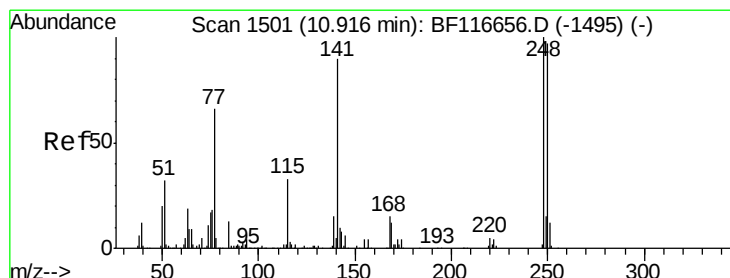
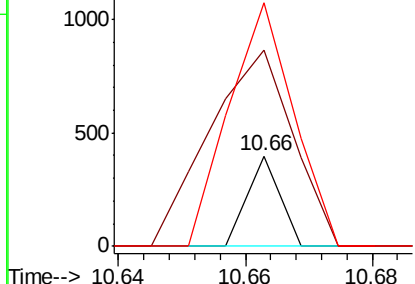
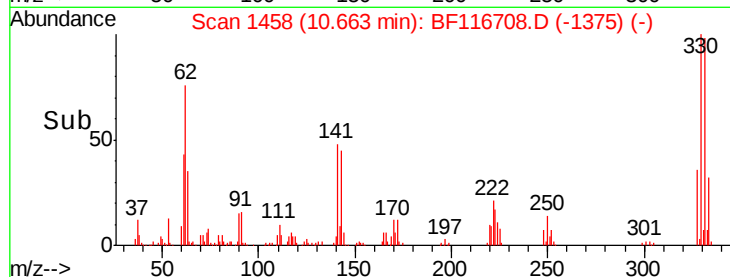
105 268.9 22.9 62.9#



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: 2.337 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF116708.D

Acq: 31 Aug 2019 19:17

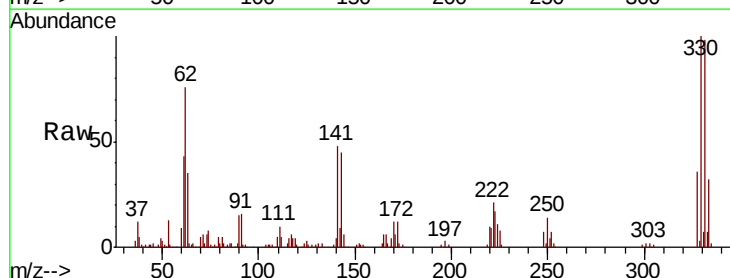
Tgt Ion:248 Resp: 8631

Ion Ratio Lower Upper

248 100

250 210.2 77.8 116.8#

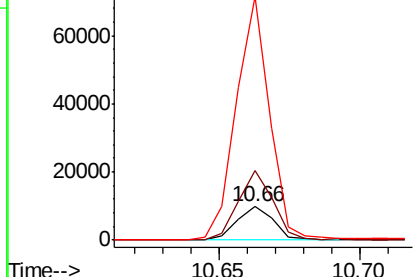
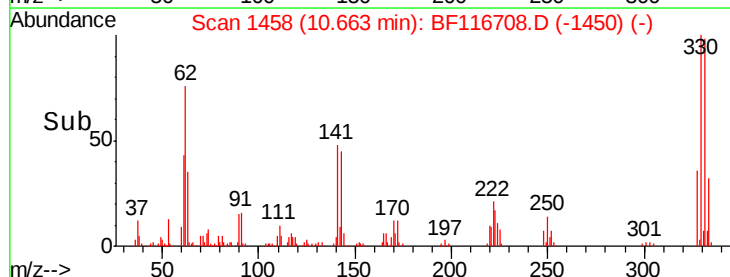
141 733.0 75.9 113.9#

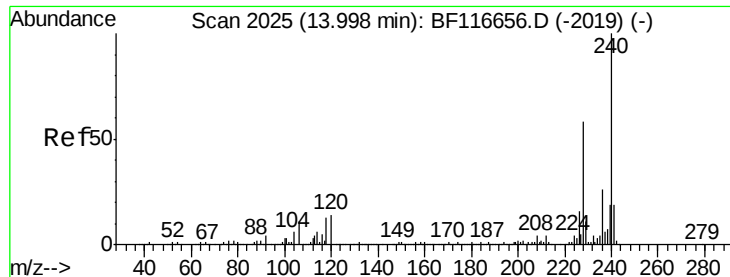


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

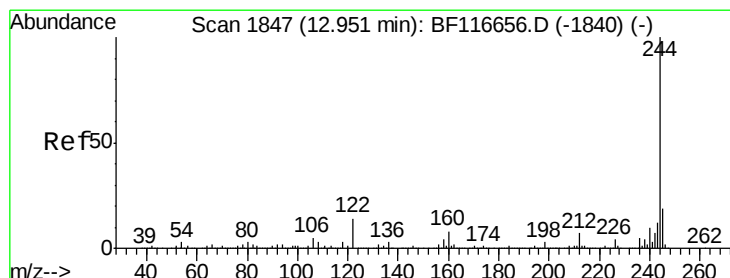
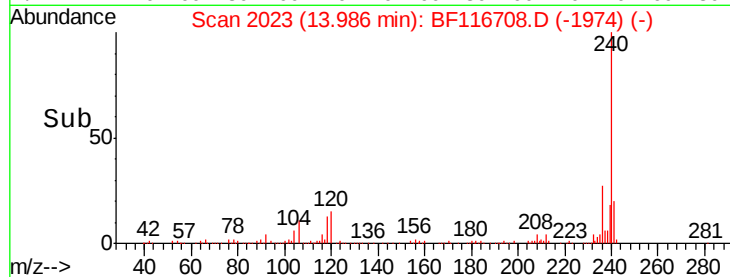
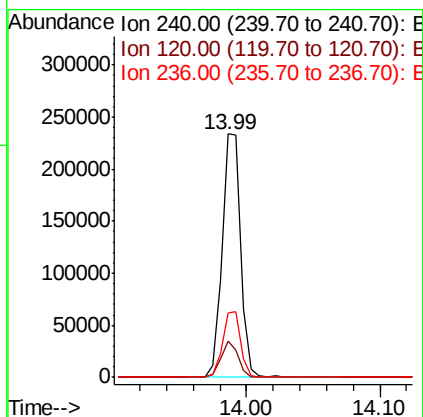
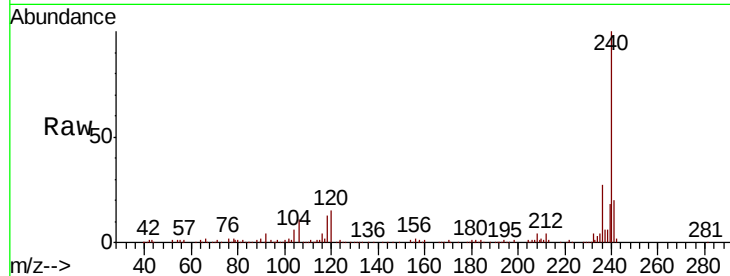




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116708.D
Acq: 31 Aug 2019 19:17

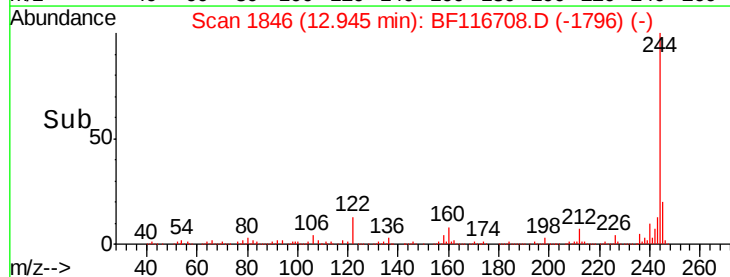
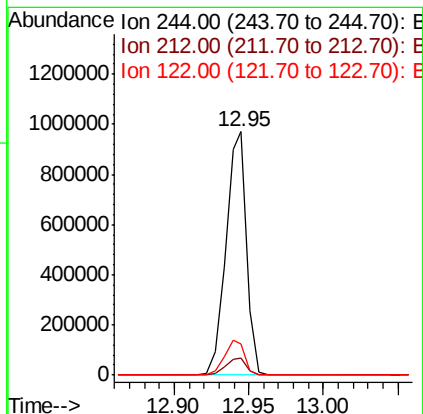
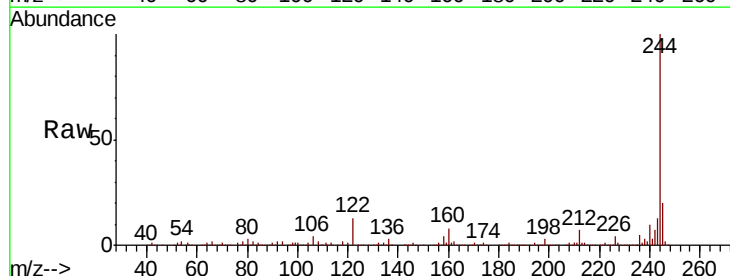
Instrument :
BNA_F
ClientSampleId :
TP11-COMP

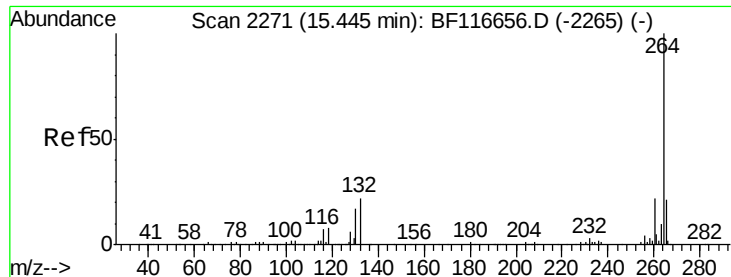
Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.1	13.7#
236	26.5	21.1	31.7



#79
Terphenyl-d14
Concen: 76.311 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116708.D
Acq: 31 Aug 2019 19:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	12.7	10.2	15.4

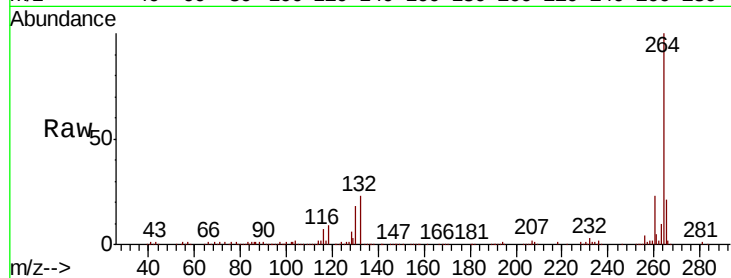




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116708.D
 Acq: 31 Aug 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 TP11-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.2	16.5	24.7



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

