

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116798.D
 Acq On : 4 Sep 2019 3:40
 Operator : HP/JU
 Sample : K4625-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 06:08:37 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

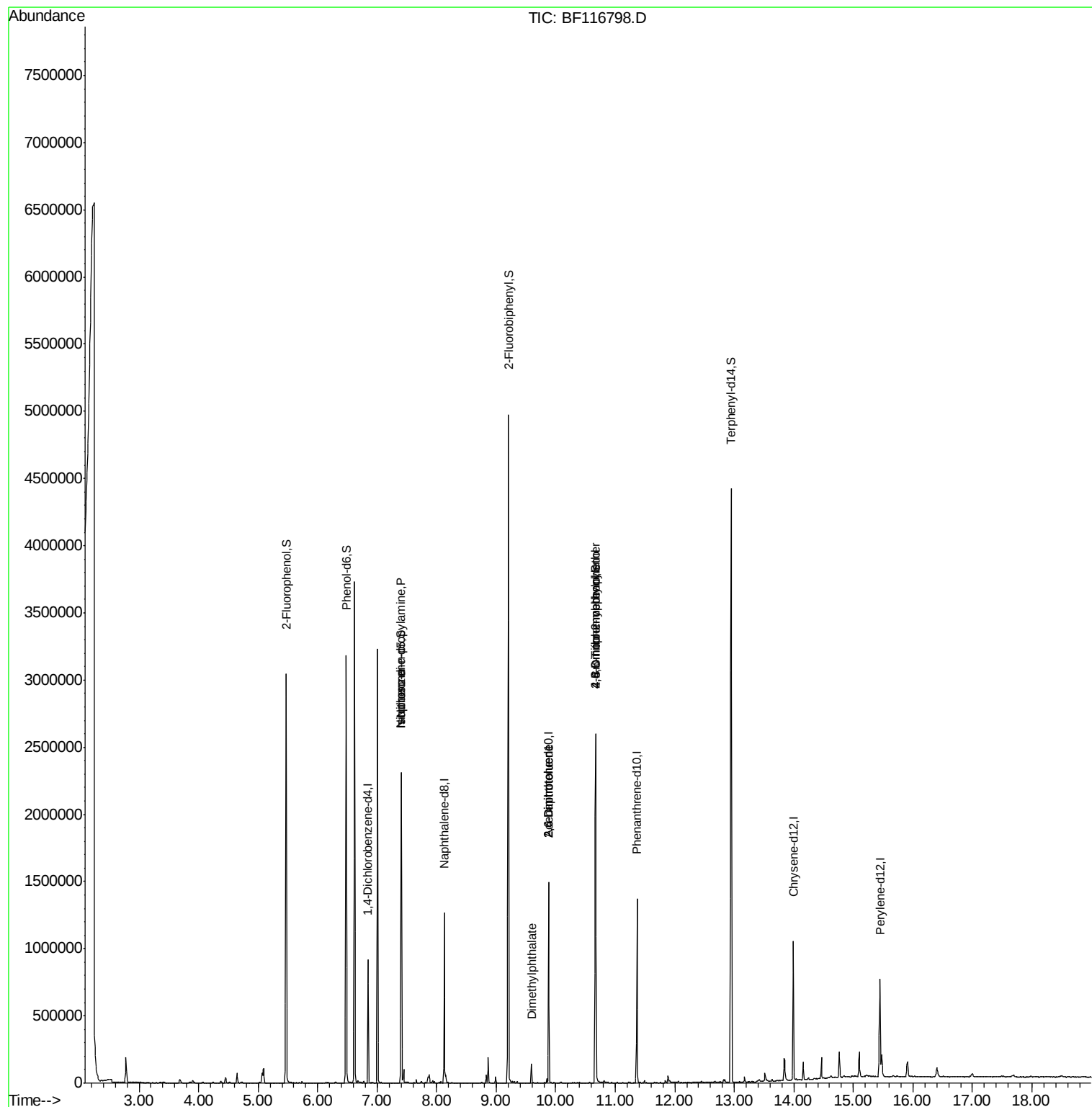
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134587	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	529992	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	275420	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	463044	20.00	ng	0.00
76) Chrysene-d12	13.99	240	313355	20.00	ng	0.00
87) Perylene-d12	15.44	264	318787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	970704	116.85	ng	0.01
7) Phenol-d6	6.48	99	1197351	109.76	ng	0.00
23) Nitrobenzene-d5	7.40	82	876285	94.39	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	289805	157.40	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1491980	91.38	ng	0.00
79) Terphenyl-d14	12.95	244	1527537	90.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	114398	15.927	ng	# 73
25) Isophorone	7.40	82	876262	46.579	ng	# 66
50) Dimethylphthalate	9.59	163	62513	3.288	ng	# 98
51) 2,6-Dinitrotoluene	9.88	165	34711	9.568	ng	# 21
57) 2,4-Dinitrotoluene	9.88	165	34711	7.825	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.67	198	603	7.750	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	18369	3.905	ng	# 1

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

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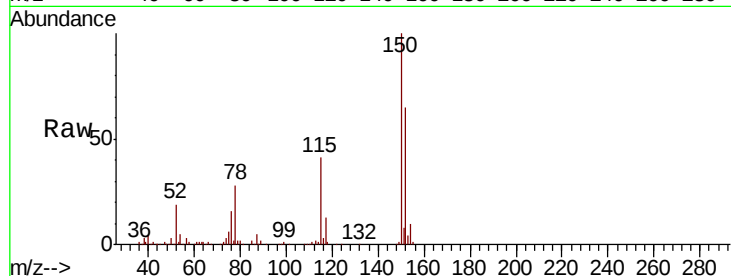


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.4	186.6
115	63.8	49.9	74.9

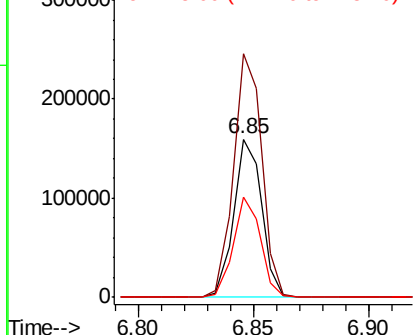
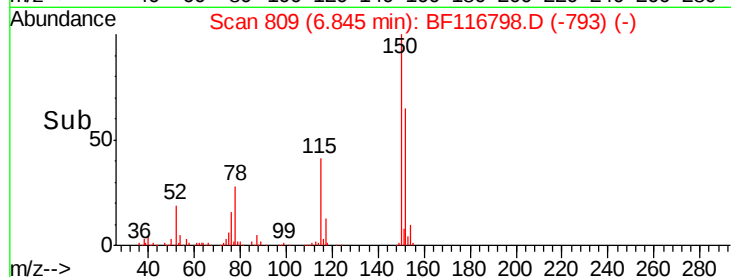


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

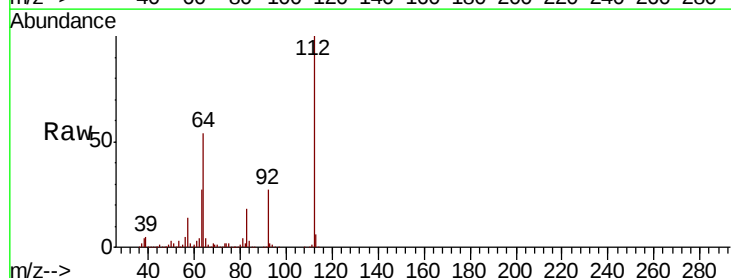
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.846 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.1	70.7
63	27.2	24.9	37.3

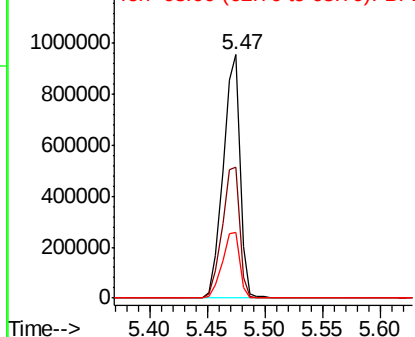
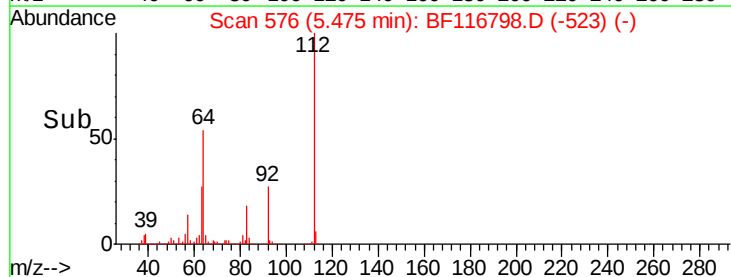


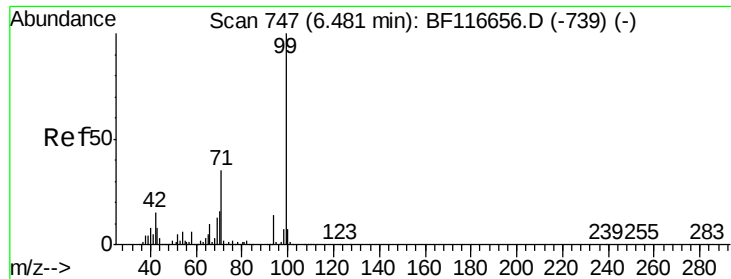
Abundance

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: 109.761 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116798.D

Acq: 4 Sep 2019 3:40

Instrument :

BNA_F

ClientSampleId :

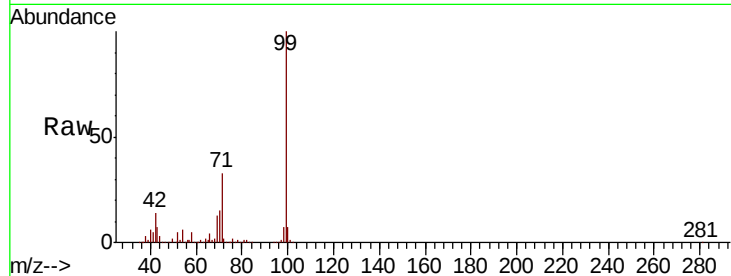
Tot Ion: 99 Resp: 1197351

Ion Ratio Lower Upper

99 100

42 14.1 13.7 20.5

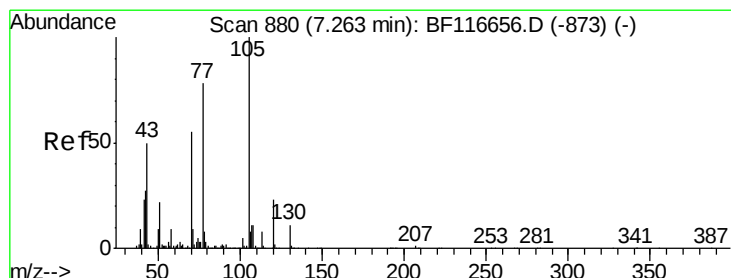
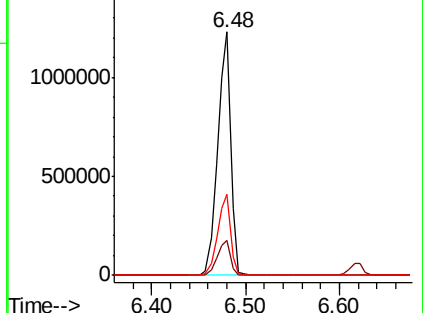
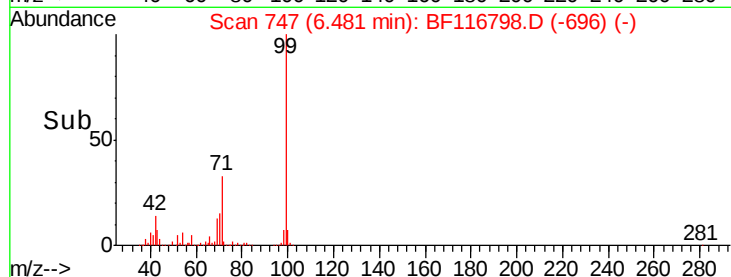
71 33.2 30.8 46.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.927 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116798.D

Acq: 4 Sep 2019 3:40

Tgt Ion: 70 Resp: 114398

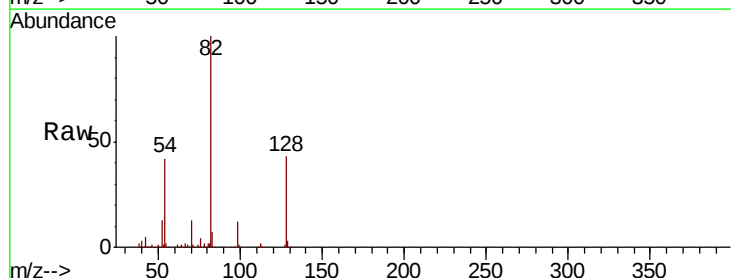
Ion Ratio Lower Upper

70 100

42 38.4 43.5 65.3#

101 0.0 7.8 11.6#

130 1.9 16.6 24.8#

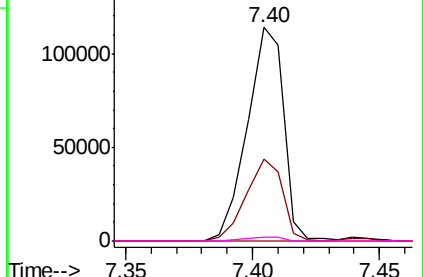
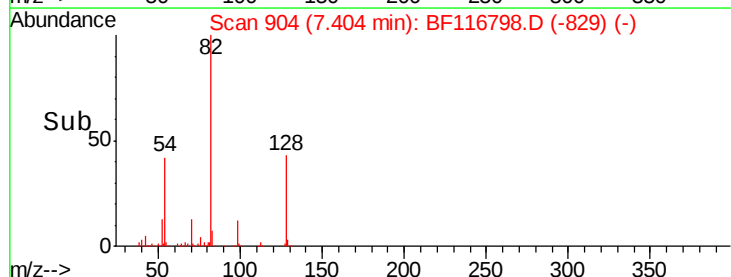


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

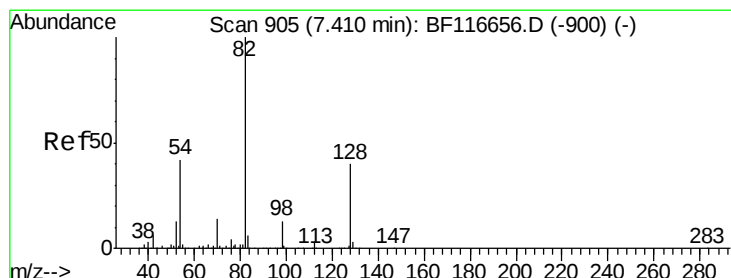
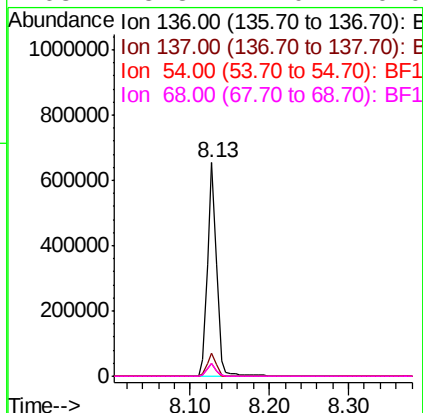
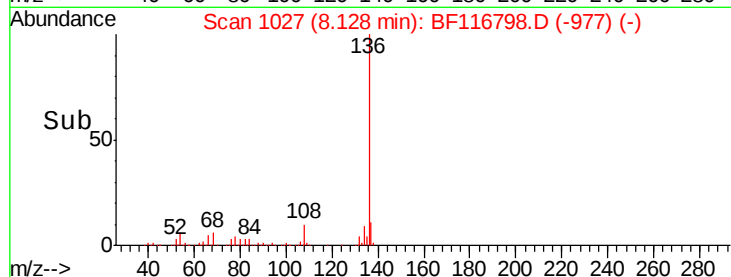
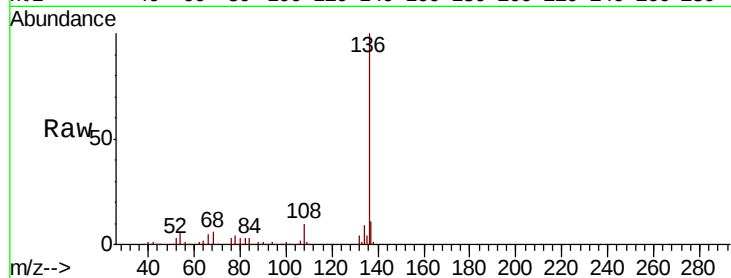




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

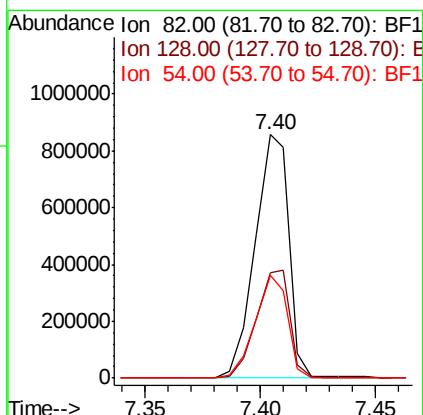
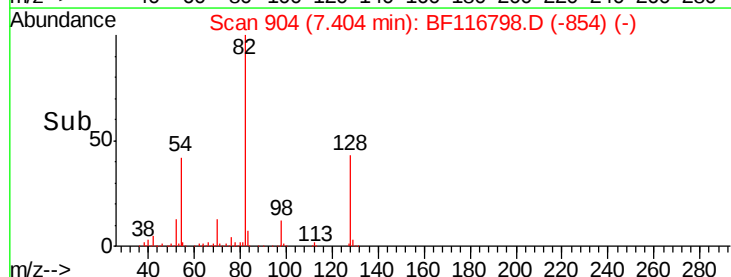
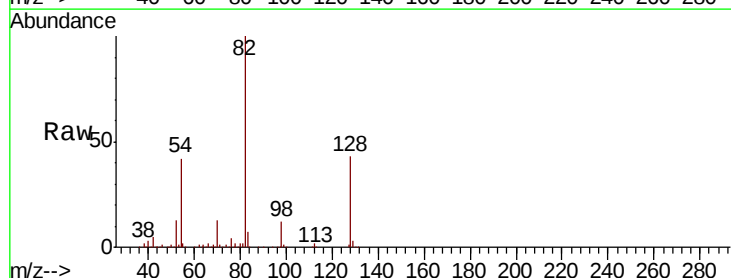
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	529992
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.2	4.8 7.2
68	5.8	4.0 6.0



#23
Nitrobenzene-d5
Concen: 94.388 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

Tgt Ion: 82	Resp:	876285
Ion Ratio	Lower	Upper
82	100	
128	43.1	32.8 49.2
54	42.0	36.9 55.3





#25

Isophorone

Concen: 46.579 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116798.D

Acq: 4 Sep 2019 3:40

Instrument :

BNA_F

ClientSampled :

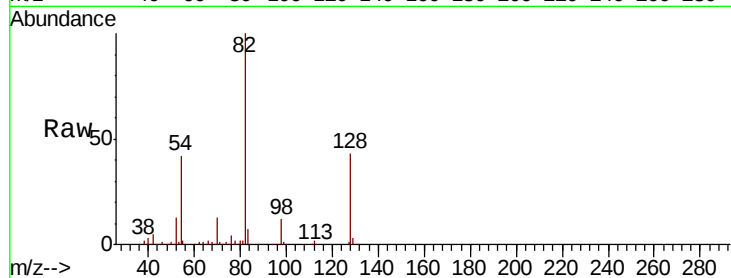
Tot Ion: 82 Resp: 876262

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

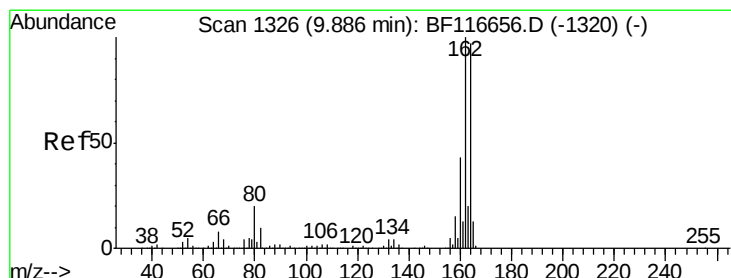
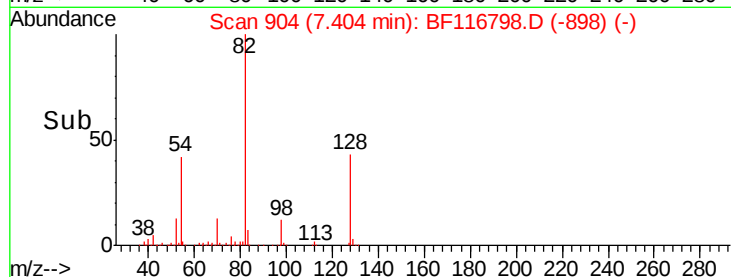
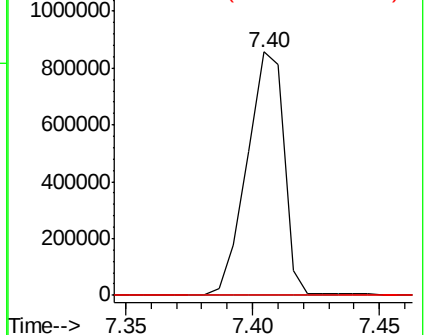
138 0.0 13.5 20.3#



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: BF116798.D

Acq: 4 Sep 2019 3:40

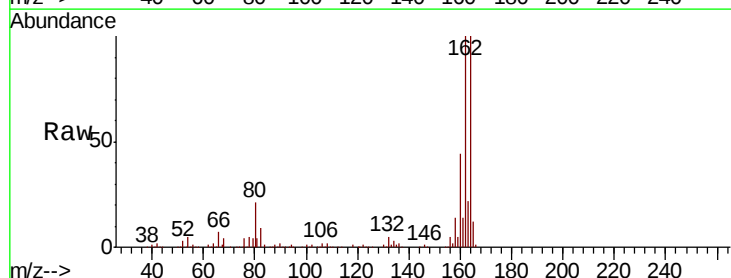
Tgt Ion: 164 Resp: 275420

Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.0

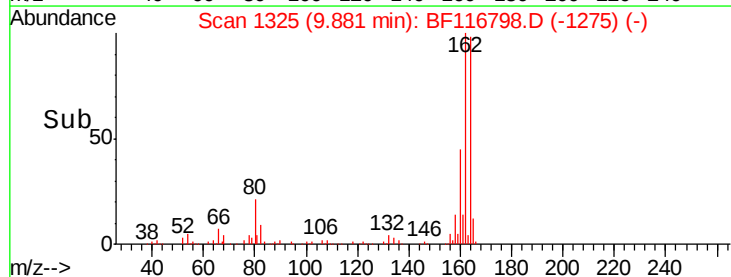
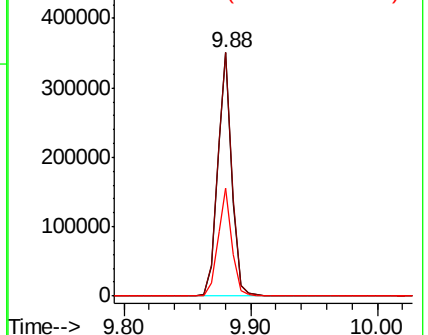
160 44.4 35.4 53.2

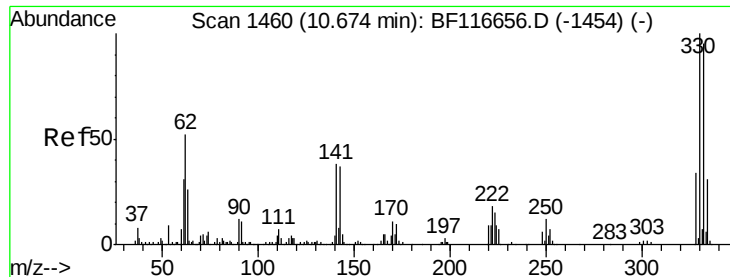


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 157.397 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116798.D

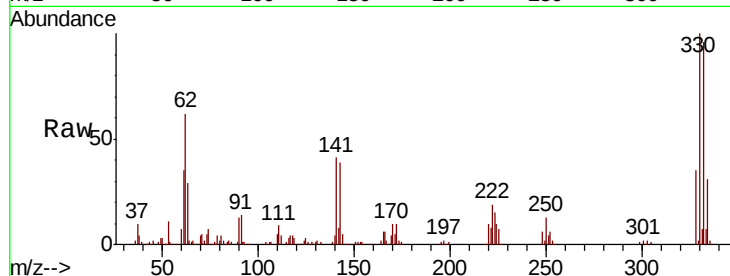
Acq: 4 Sep 2019 3:40

Instrument :

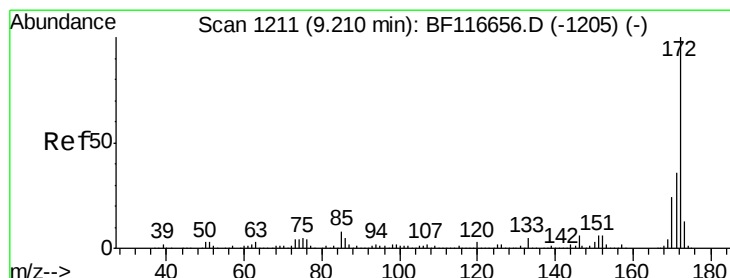
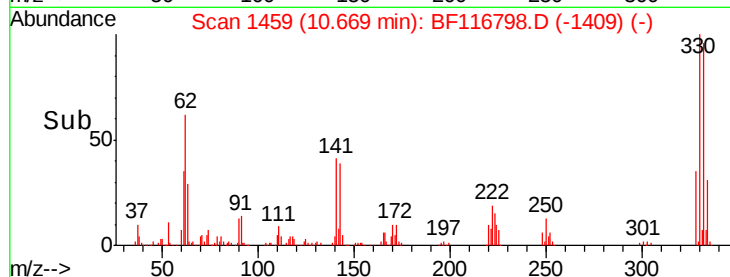
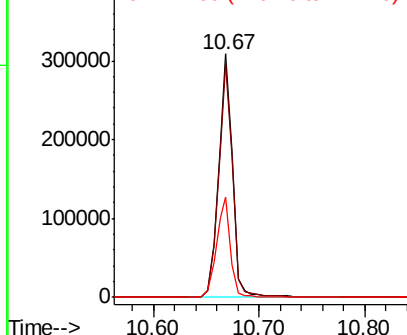
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	289805
Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	41.6	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: 91.381 ng

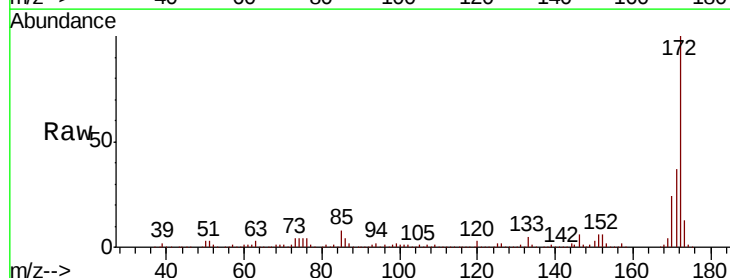
RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

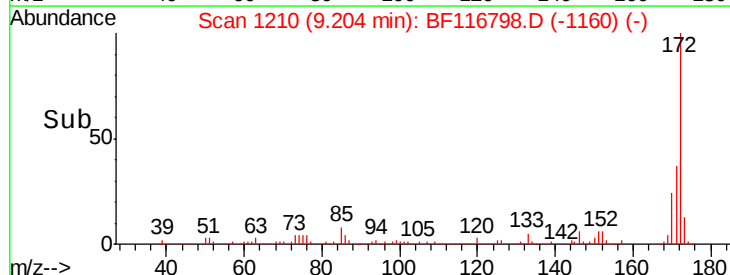
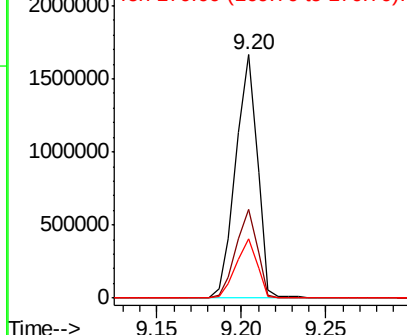
Lab File: BF116798.D

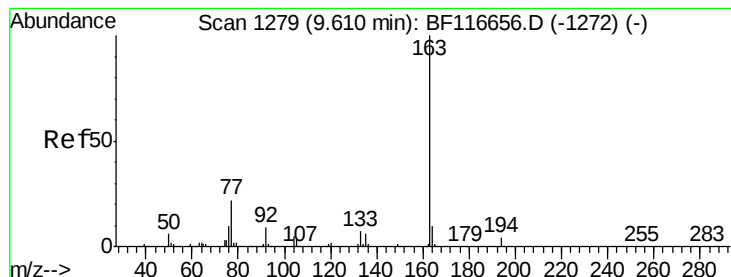
Acq: 4 Sep 2019 3:40

Tgt Ion:	172	Resp:	1491980
Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.8	41.6
170	24.4	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: 3.288 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116798.D

Acq: 4 Sep 2019 3:40

Instrument :

BNA_F

ClientSampleId :

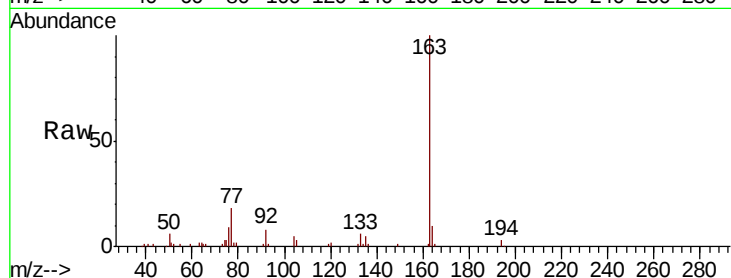
Tot Ion:163 Resp: 62513

Ion Ratio Lower Upper

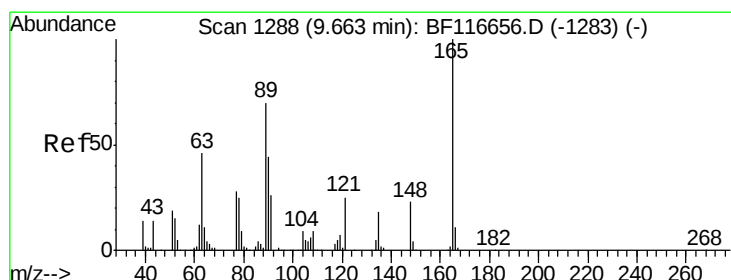
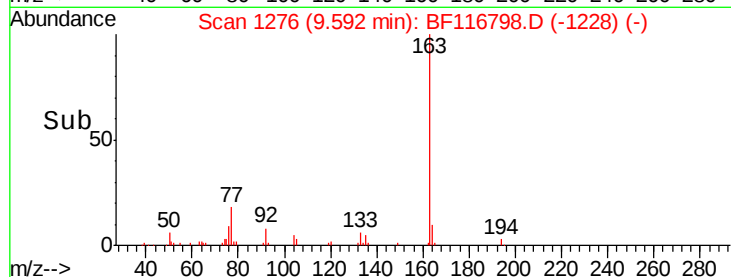
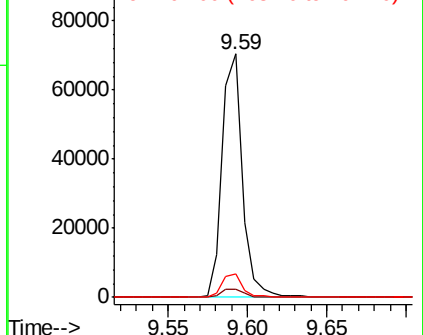
163 100

194 3.5 2.8 4.2

164 9.8 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



#51

2,6-Dinitrotoluene

Concen: 9.568 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.22 min

Lab File: BF116798.D

Acq: 4 Sep 2019 3:40

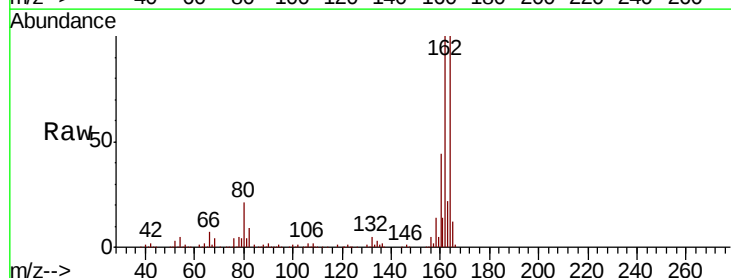
Tgt Ion:165 Resp: 34711

Ion Ratio Lower Upper

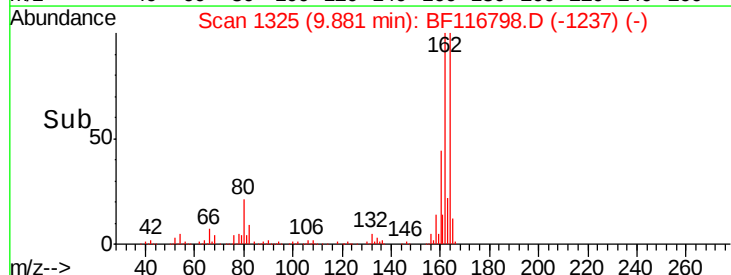
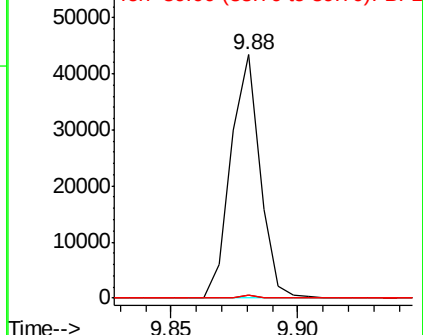
165 100

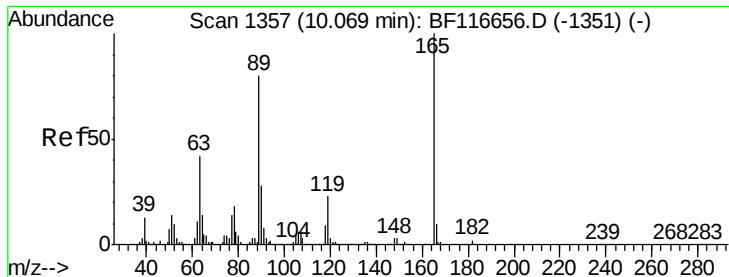
63 1.3 47.3 70.9#

89 1.5 52.5 78.7#



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

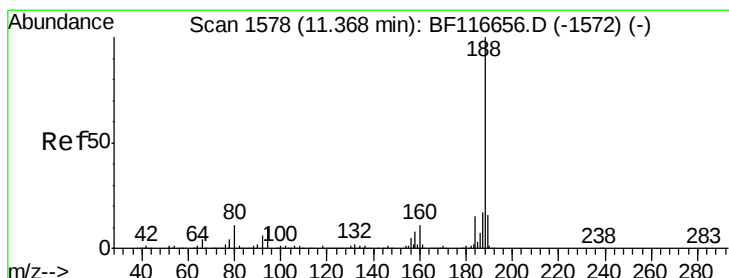
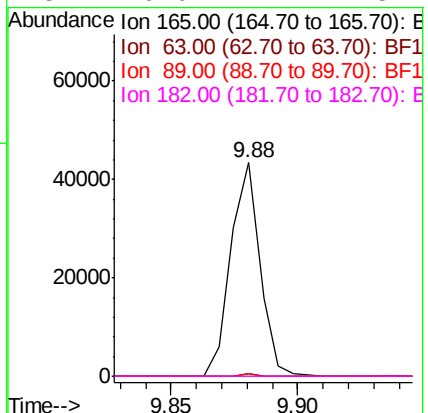
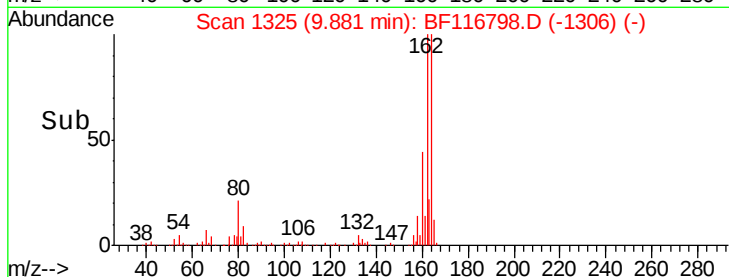
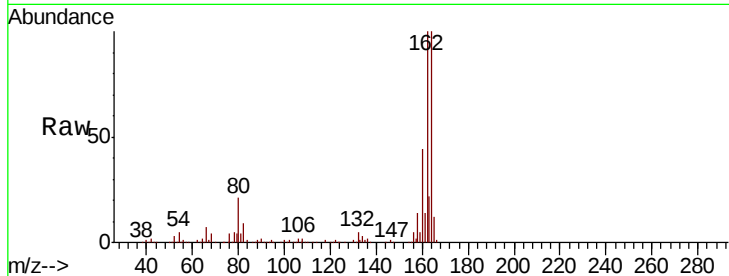




#57
2,4-Dinitrotoluene
Concen: 7.825 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

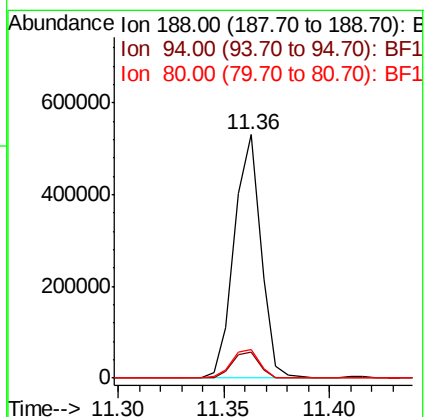
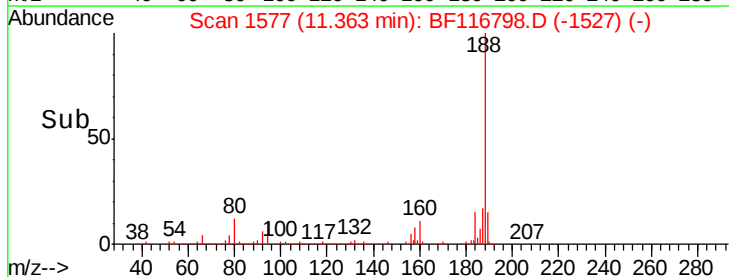
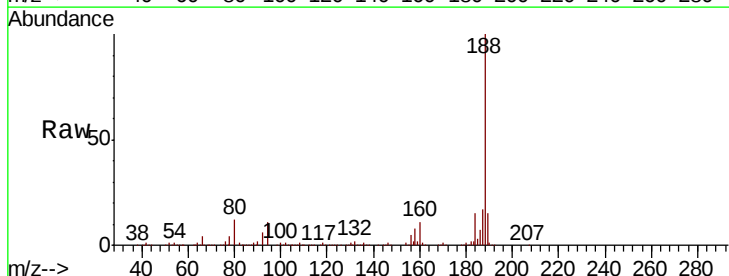
Instrument :
BNA_F
ClientSampleId :

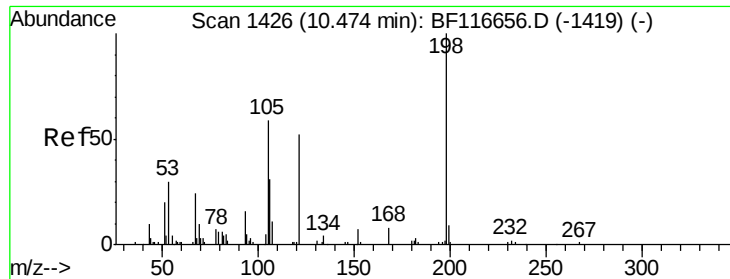
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	62.6	94.0#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.3	10.9
80	11.6	8.4	12.6

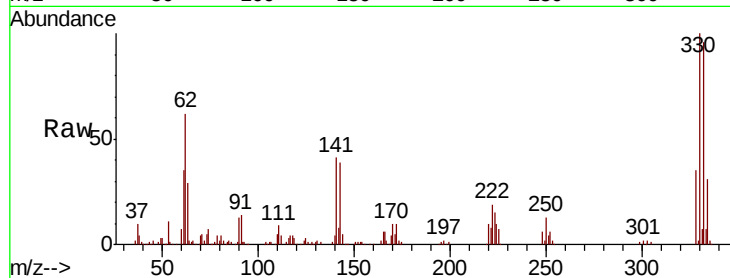




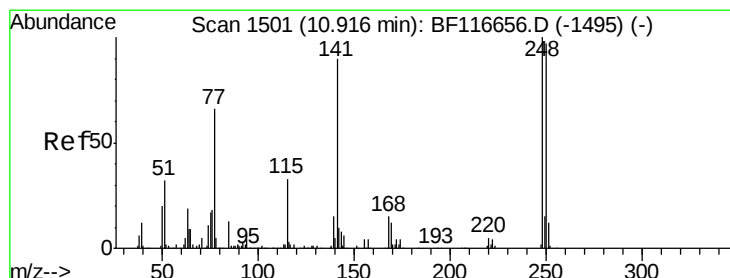
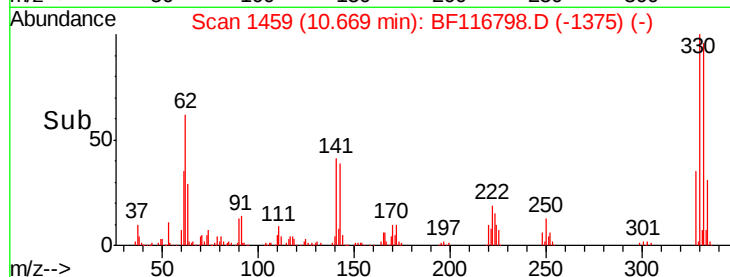
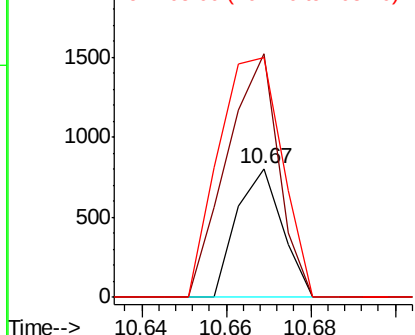
#65
4,6-Dinitro-2-methylphenol
Concen: 7.750 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 603
Ion Ratio Lower Upper
198 100
51 189.1 18.4 58.4#
105 185.8 22.9 62.9#

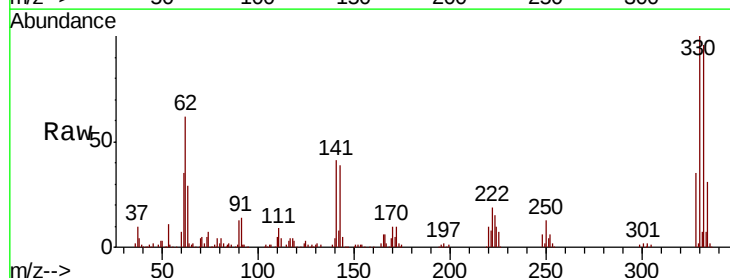


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

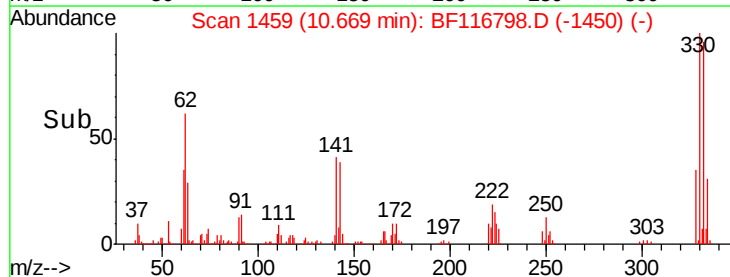
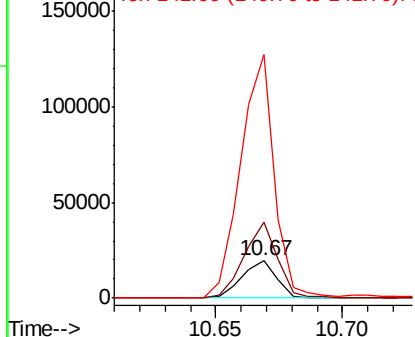


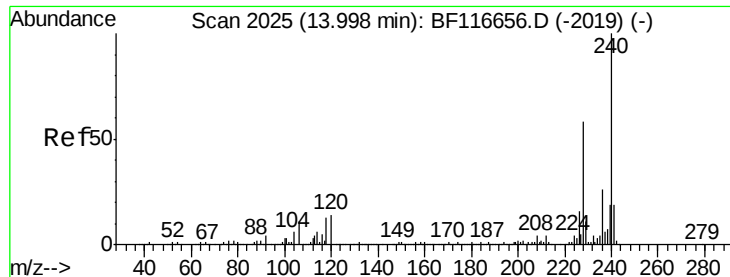
#67
4-Bromophenyl-phenylether
Concen: 3.905 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

Tgt Ion:248 Resp: 18369
Ion Ratio Lower Upper
248 100
250 203.7 77.8 116.8#
141 654.8 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

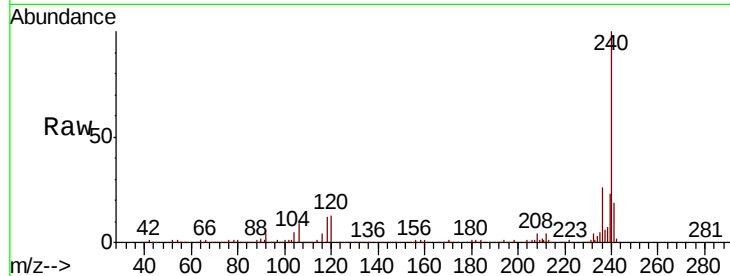




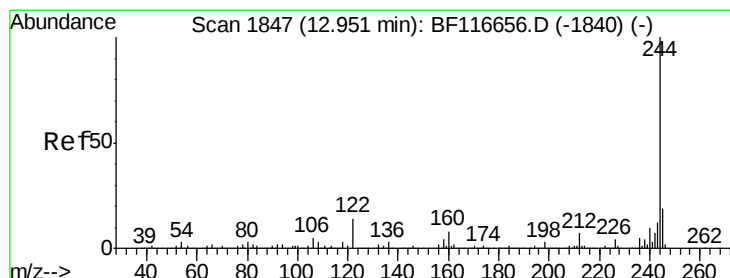
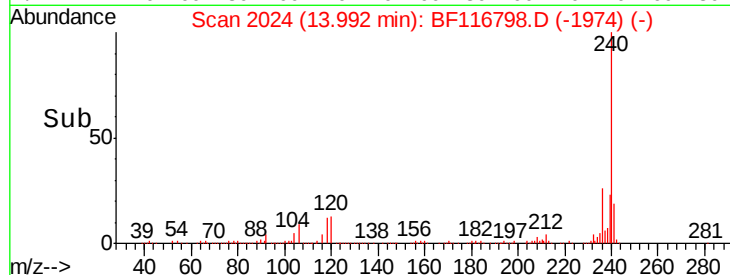
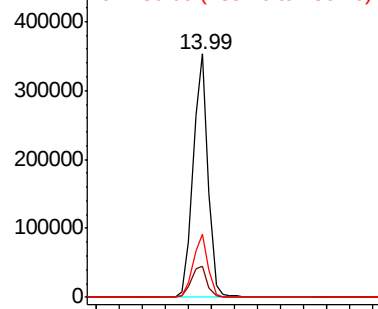
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 313355
Ion Ratio Lower Upper
240 100
120 12.6 9.1 13.7
236 25.8 21.1 31.7

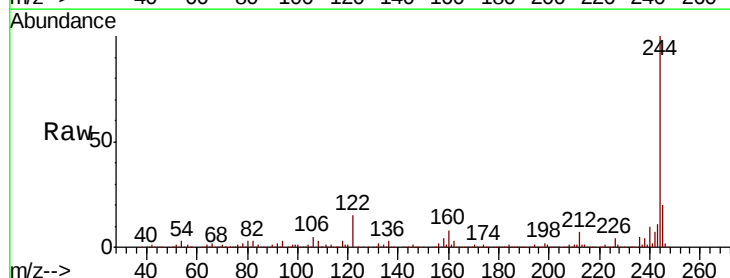


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

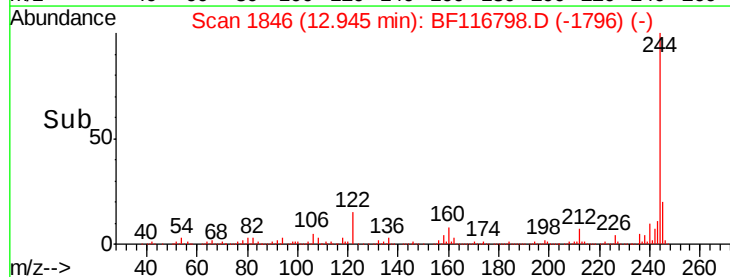
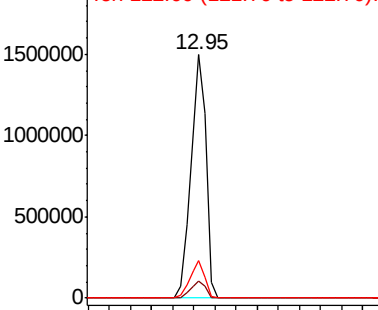


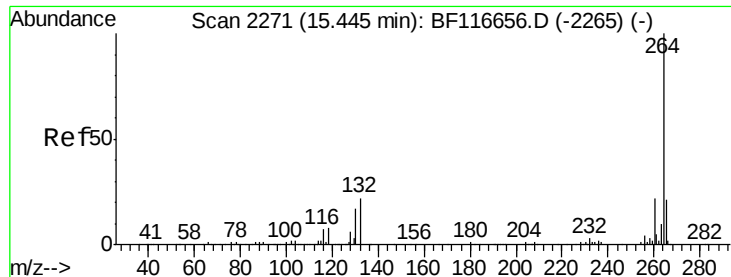
#79
Terphenyl-d14
Concen: 90.181 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

Tgt Ion:244 Resp: 1527537
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 15.2 10.2 15.4



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

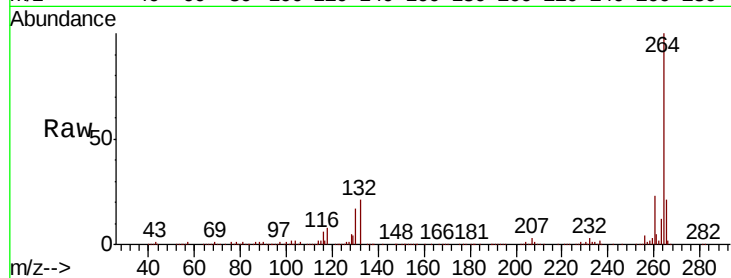




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	318787
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.8	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

