

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116924.D
 Acq On : 10 Sep 2019 16:33
 Operator : HP/JU
 Sample : PB122923BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

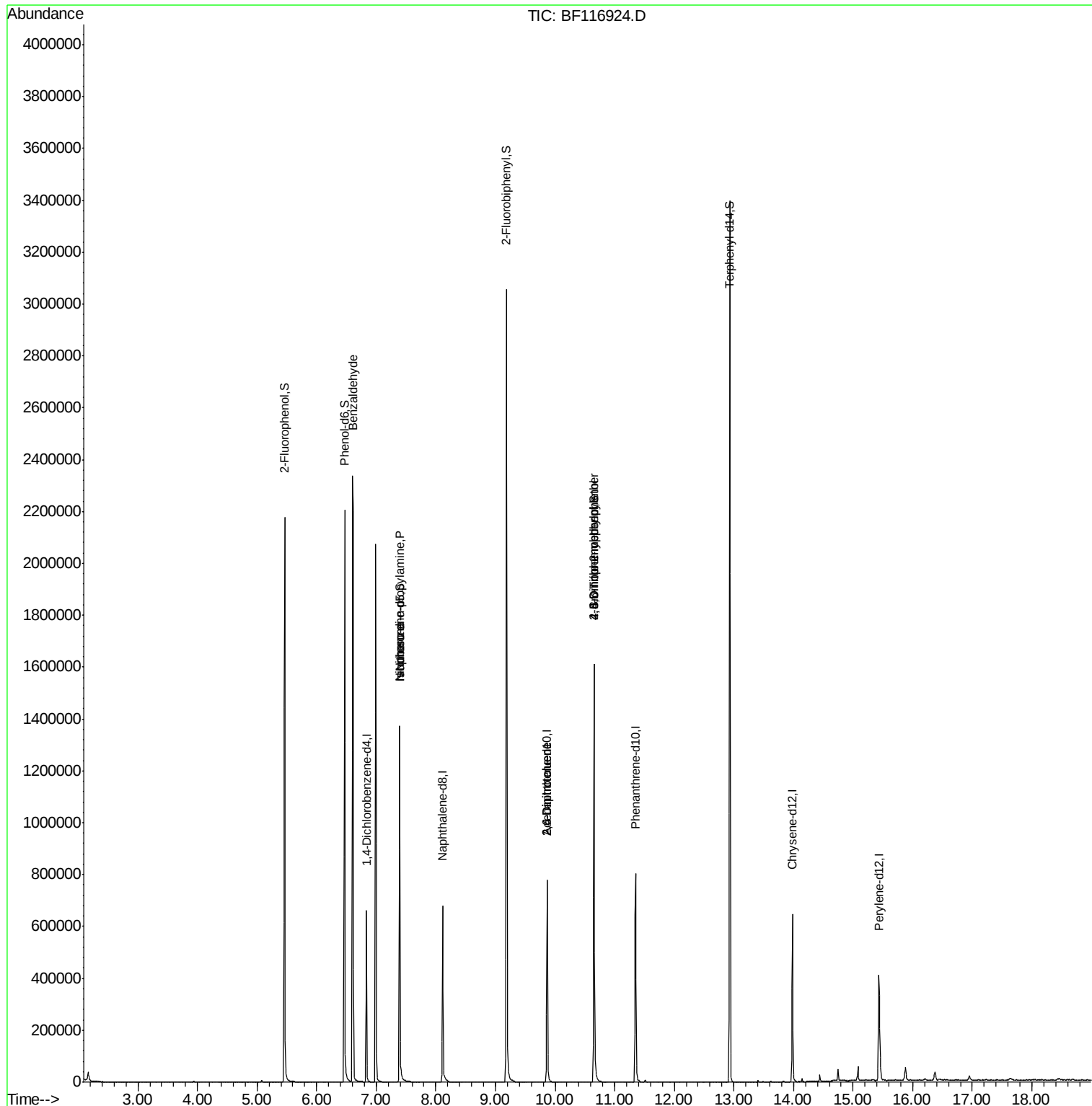
Quant Time: Sep 10 17:49:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

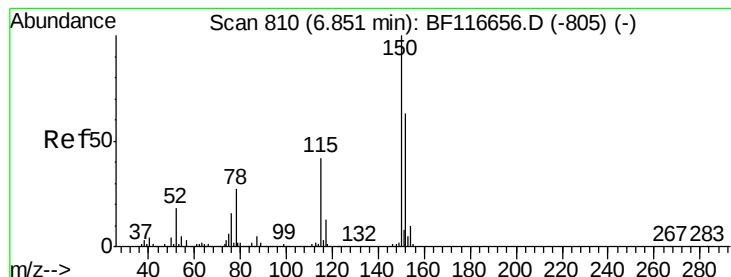
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93130	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	375526	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	194667	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	327981	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	243627	20.00	ng	-0.02
87) Perylene-d12	15.43	264	204958	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	653754	113.72	ng	0.00
7) Phenol-d6	6.47	99	875409	115.97	ng	-0.01
23) Nitrobenzene-d5	7.39	82	559092	84.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	204262	156.96	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1029176	89.18	ng	-0.02
79) Terphenyl-d14	12.93	244	1131260	85.90	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	16731	3.364	ng	80
19) n-Nitroso-di-n-propylamine	7.39	70	72768	14.641	ng	# 73
25) Isophorone	7.39	82	559087	41.944	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	24931	9.723	ng	# 20
57) 2,4-Dinitrotoluene	9.87	165	24932	7.952	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.66	198	348	7.694	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	13123	3.939	ng	# 1

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

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\  
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Acq On    : 10 Sep 2019 16:33  
Operator  : HP/JU  
Sample    : PB122923BL  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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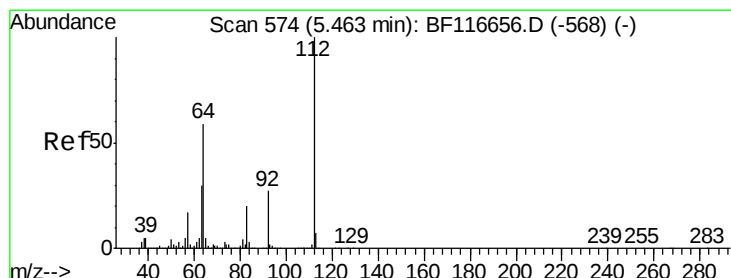
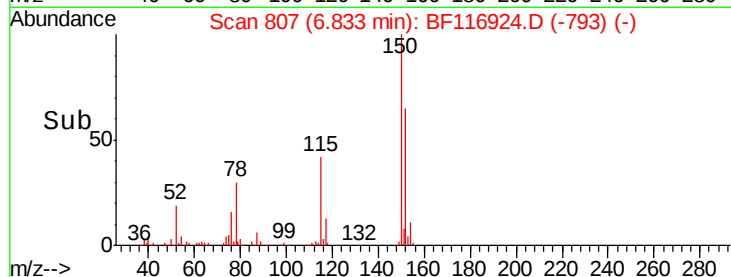
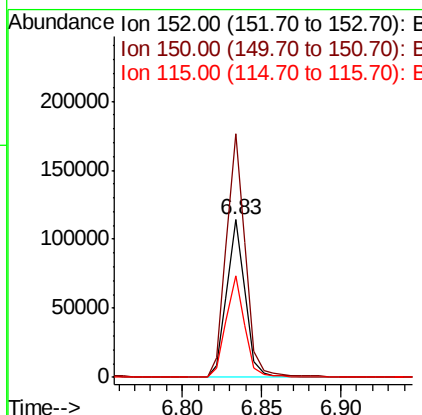
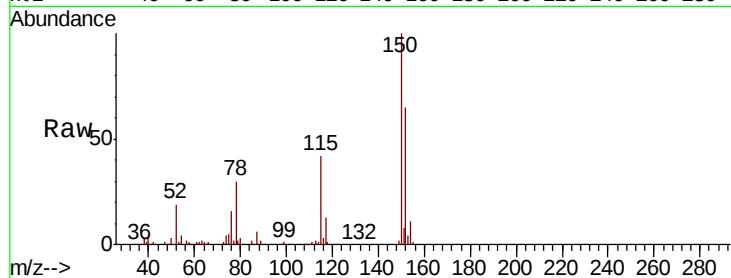


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116924.D
Acq: 10 Sep 2019 16:33

Instrument :
BNA_F
ClientSampleId :

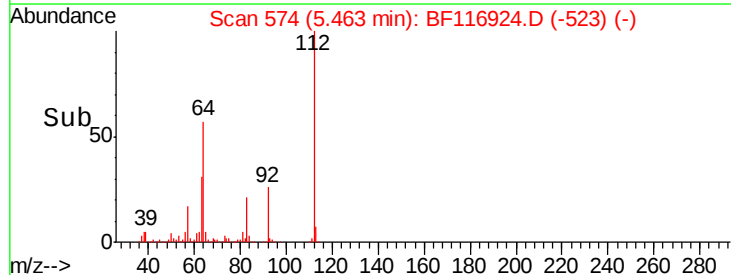
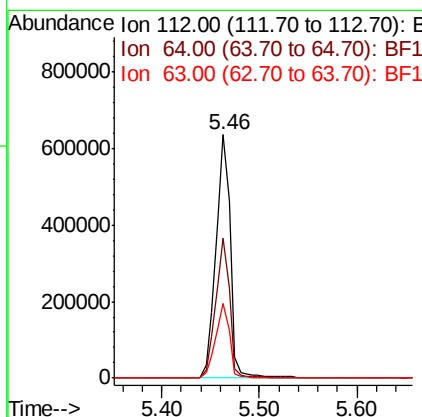
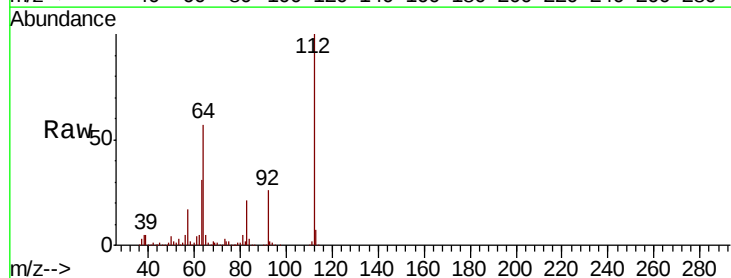
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.4	186.6
115	64.4	49.9	74.9



#5

2-Fluorophenol
Concen: 113.725 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116924.D
Acq: 10 Sep 2019 16:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.1	70.7
63	30.8	24.9	37.3





#7

Phenol-d6

Concen: 115.971 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116924.D

Acq: 10 Sep 2019 16:33

Instrument :

BNA_F

ClientSampled :

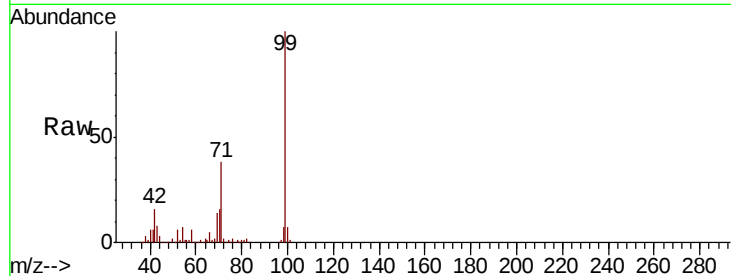
Tot Ion: 99 Resp: 875409

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

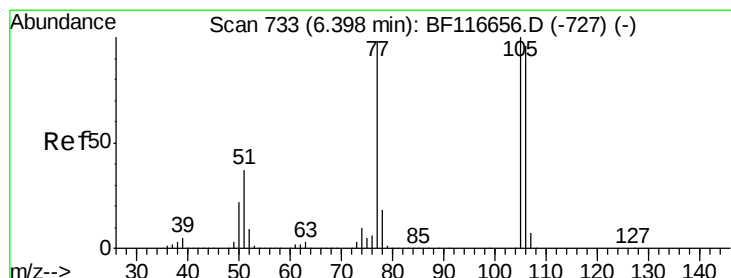
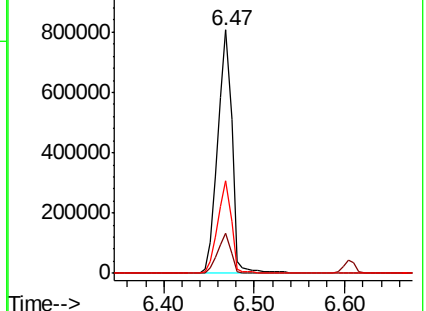
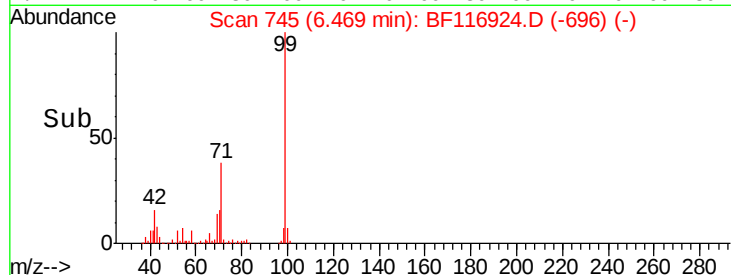
71 38.2 30.8 46.2



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



#9

Benzaldehyde

Concen: 3.364 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.21 min

Lab File: BF116924.D

Acq: 10 Sep 2019 16:33

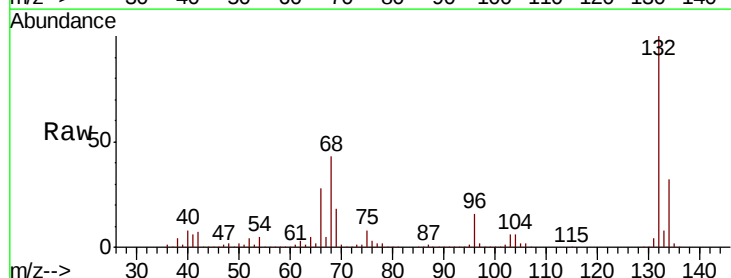
Tgt Ion: 77 Resp: 16731

Ion Ratio Lower Upper

77 100

105 77.9 76.7 116.7

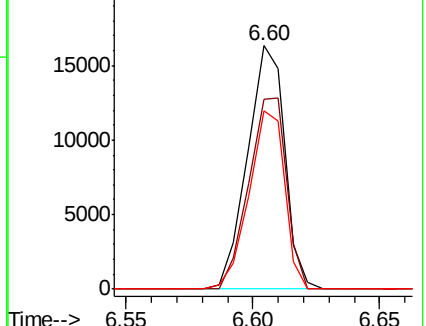
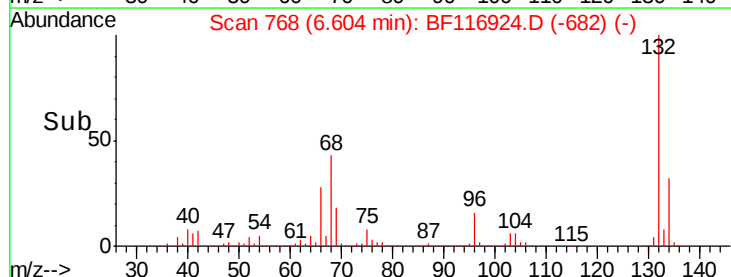
106 73.4 73.1 113.1

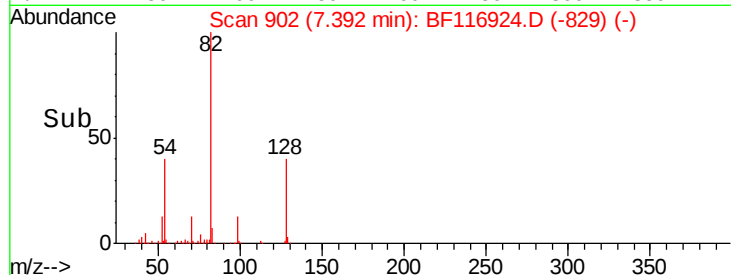
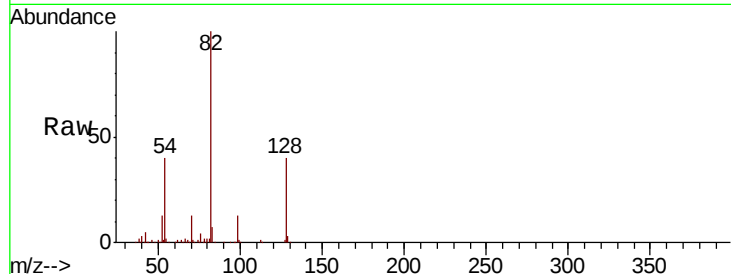
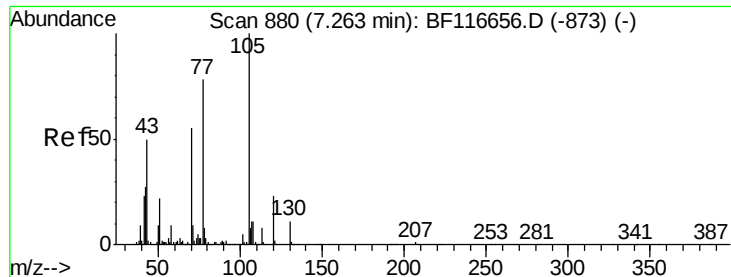


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

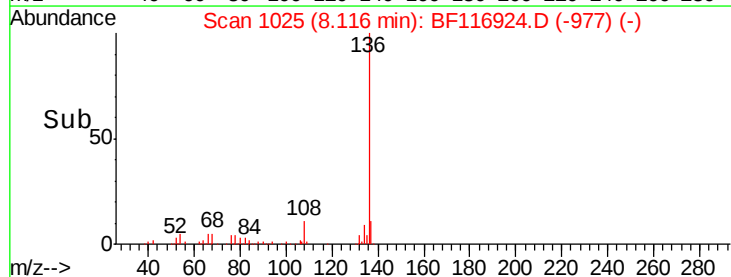
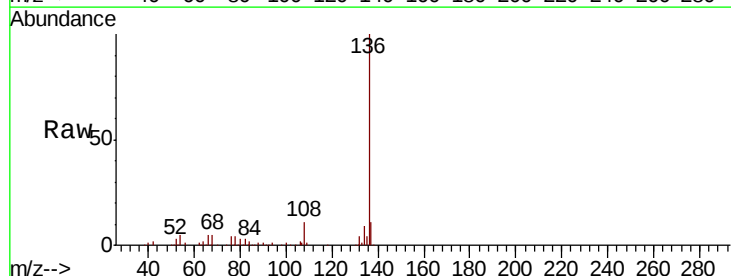
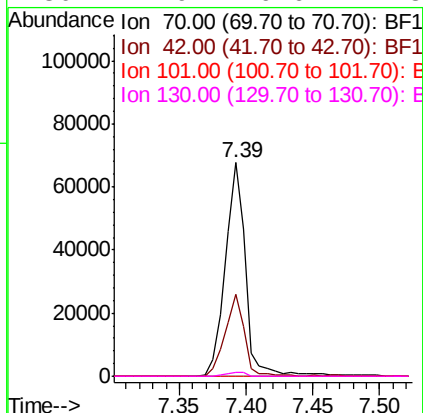




#19
n-Nitroso-di-n-propylamine
Concen: 14.641 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF116924.D
Acq: 10 Sep 2019 16:33

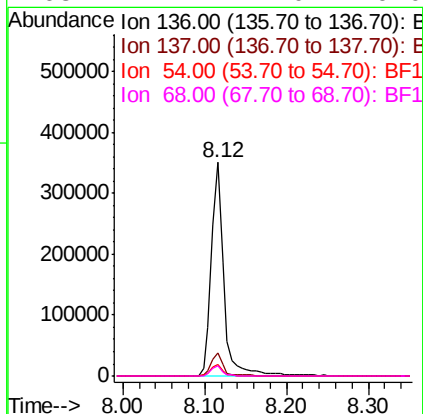
Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	72768
Ion	Ratio	Lower	Upper
70	100		
42	38.6	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116924.D
Acq: 10 Sep 2019 16:33

Tgt Ion:	136	Resp:	375526
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.3	4.8	7.2
68	4.7	4.0	6.0

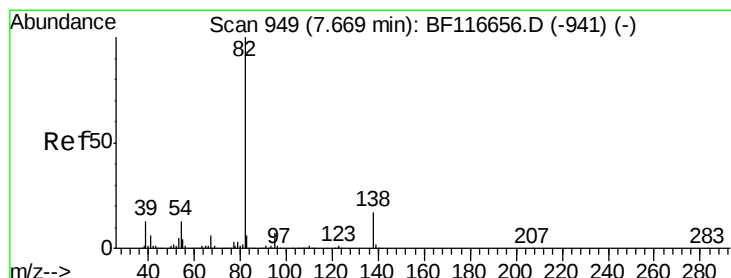
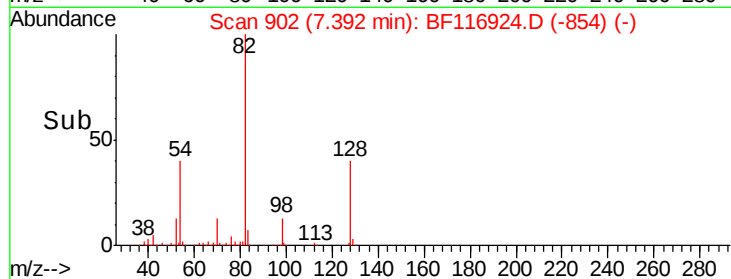
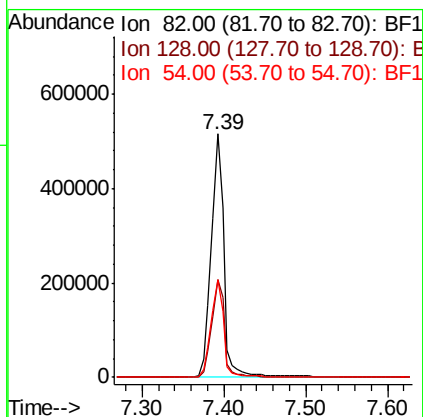
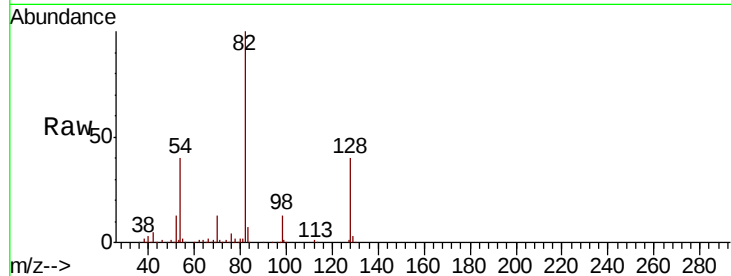




#23
 Nitrobenzene-d5
 Concen: 84.993 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

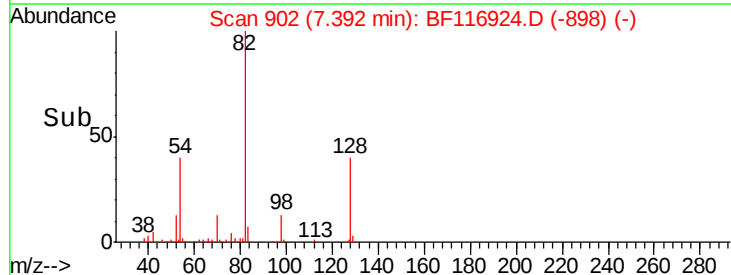
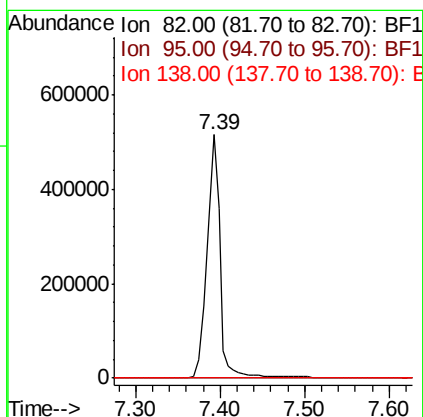
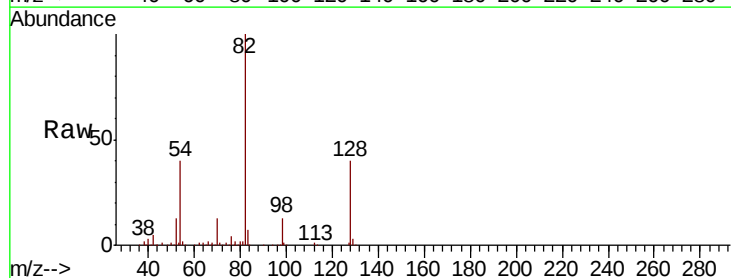
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	559092
Ion Ratio	Lower	Upper	
82	100		
128	40.2	32.8	49.2
54	40.2	36.9	55.3



#25
 Isophorone
 Concen: 41.944 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.28 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

Tgt Ion	82	Resp	559087
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

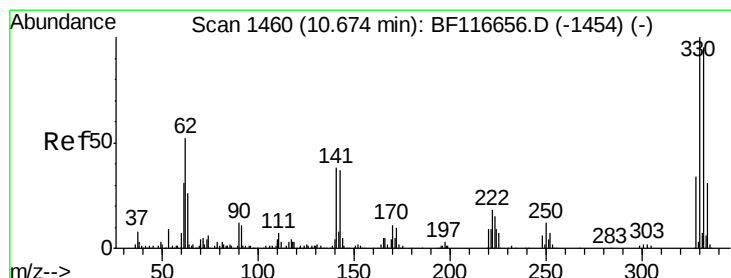
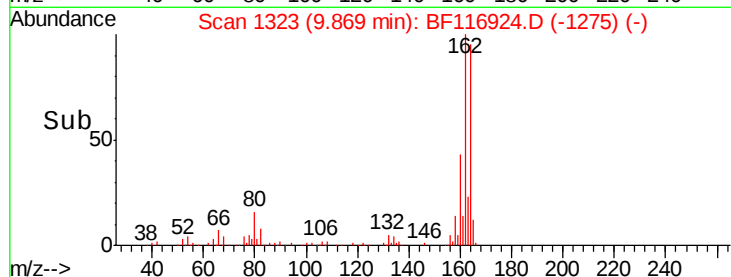
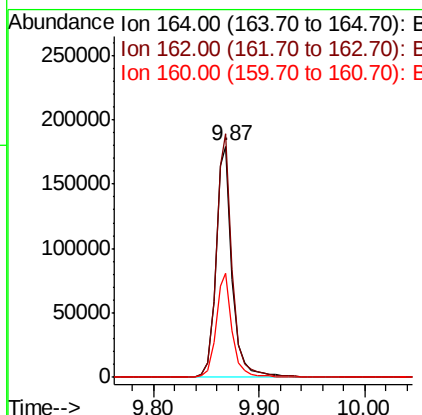
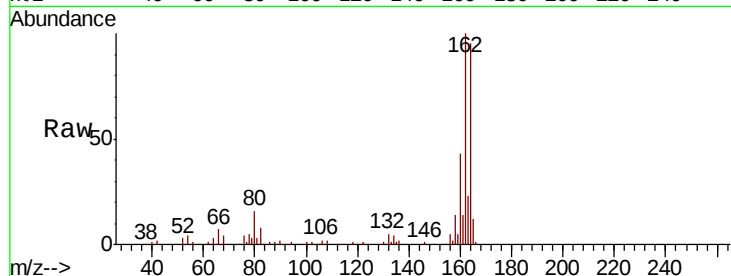




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116924.D
Acq: 10 Sep 2019 16:33

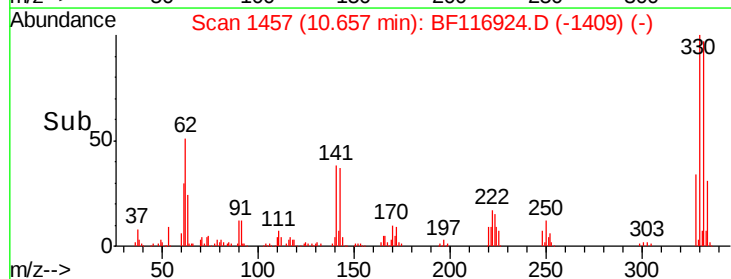
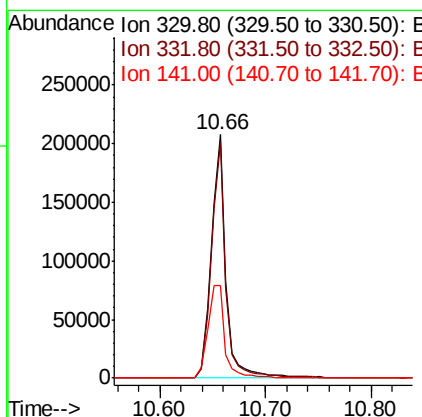
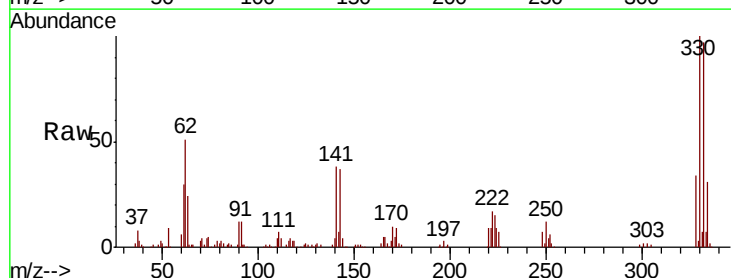
Instrument :
BNA_F
ClientSampleId :

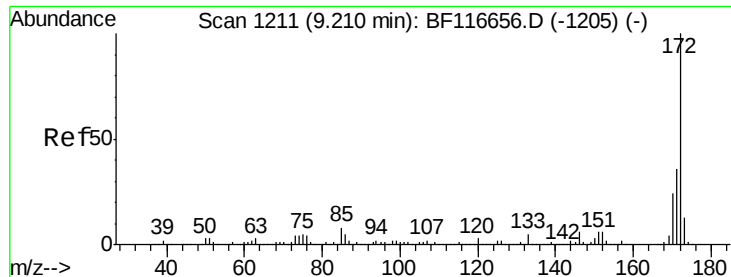
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.4	122.0
160	45.0	35.4	53.2



#42
2,4,6-Tribromophenol
Concen: 156.957 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF116924.D
Acq: 10 Sep 2019 16:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.9	115.3
141	44.2	31.4	47.2



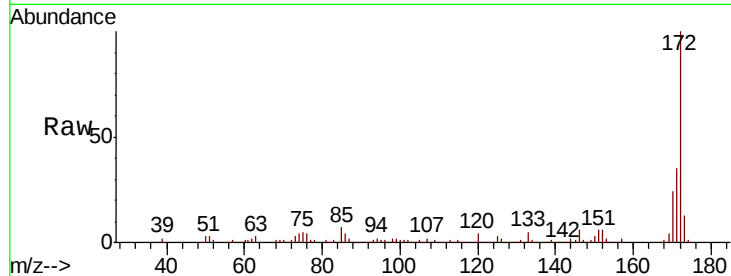


#45
 2-Fluorobiphenyl
 Concen: 89.184 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

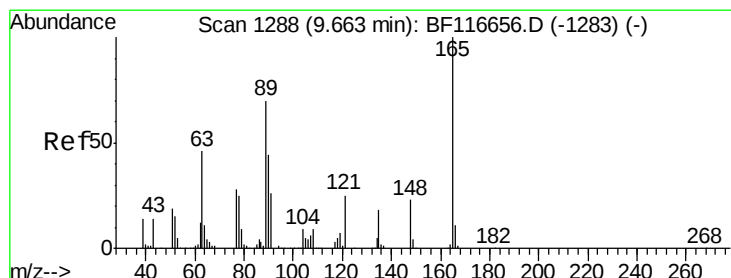
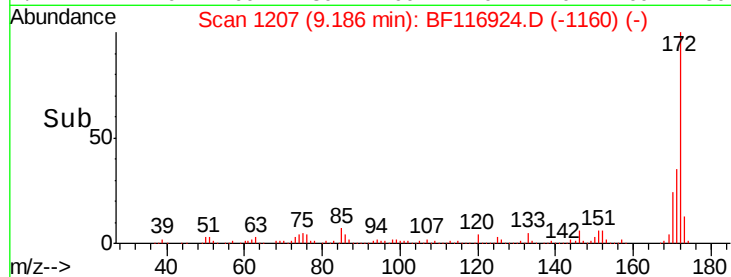
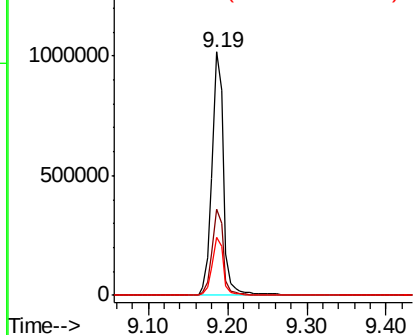
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1029176

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	23.6	18.9	28.3



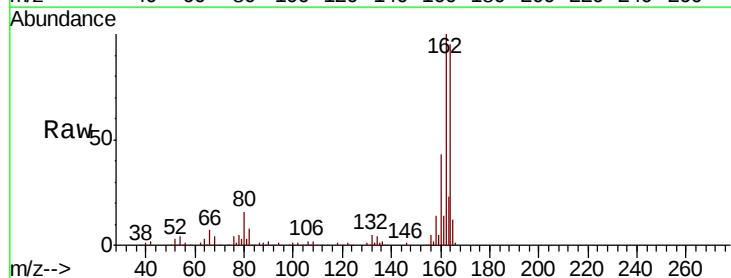
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



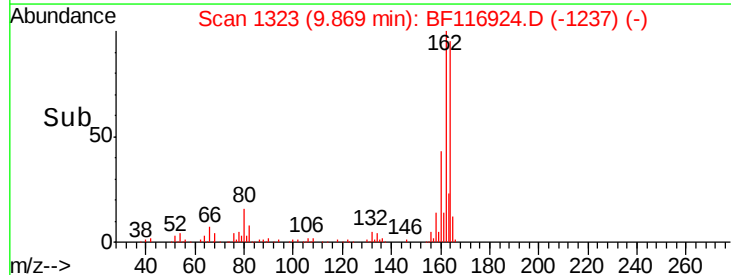
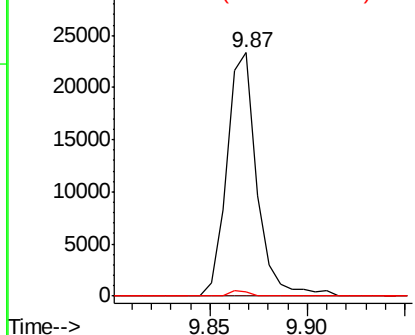
#51
 2,6-Dinitrotoluene
 Concen: 9.723 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.21 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

Tgt Ion:165 Resp: 24931

Ion	Ratio	Lower	Upper
165	100		
63	0.0	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

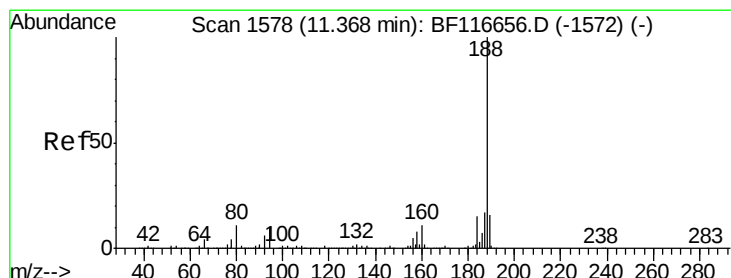
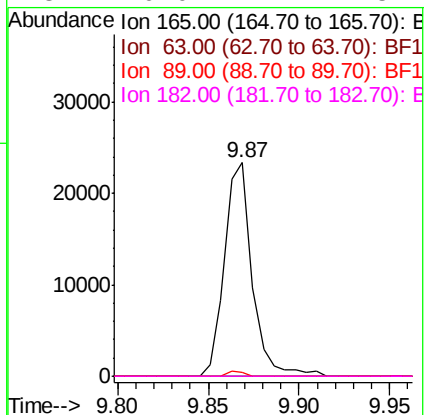
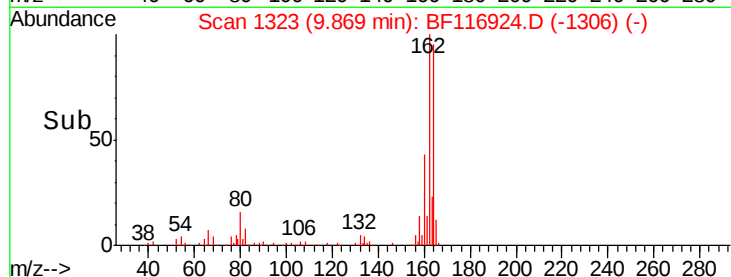
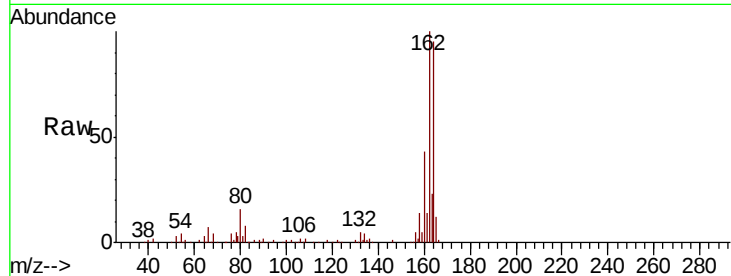




#57
 2,4-Dinitrotoluene
 Concen: 7.952 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.20 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

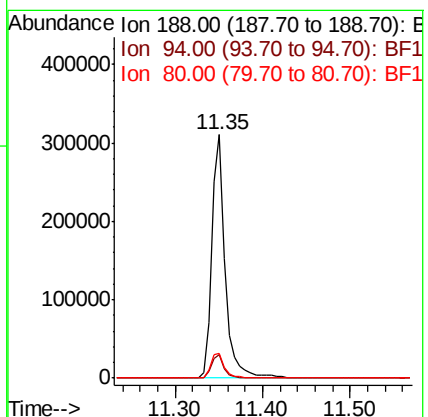
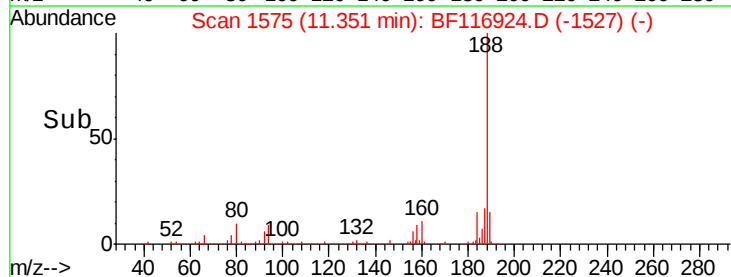
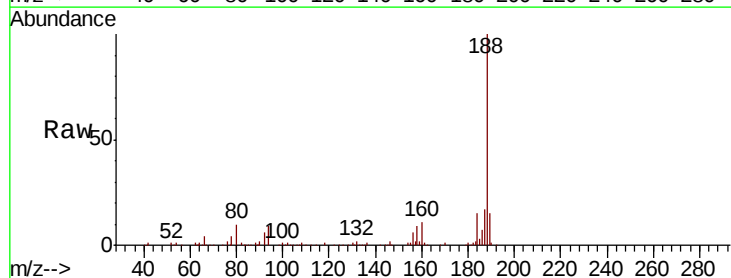
Instrument :
 BNA_F
 ClientSampleId :

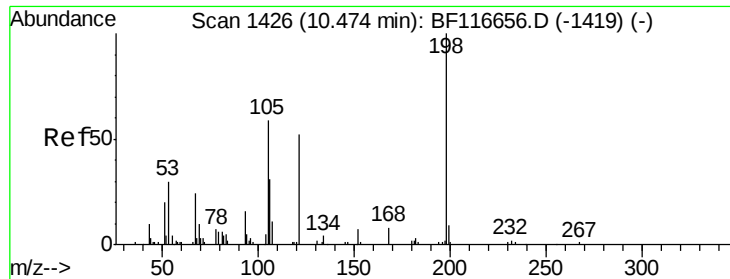
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	62.6	94.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.3	10.9
80	10.3	8.4	12.6

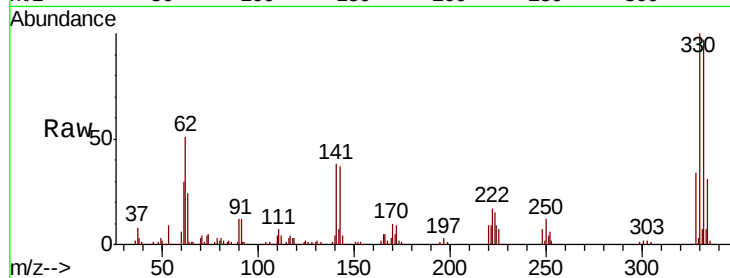




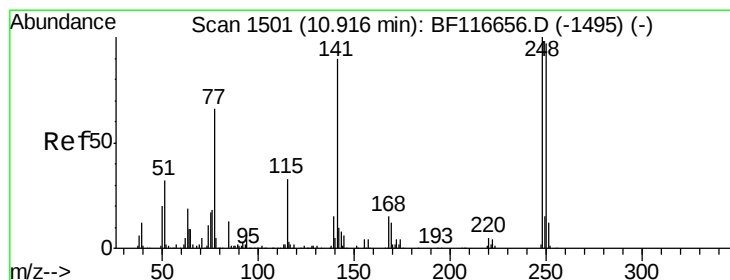
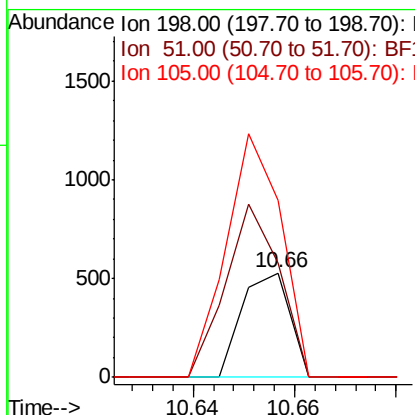
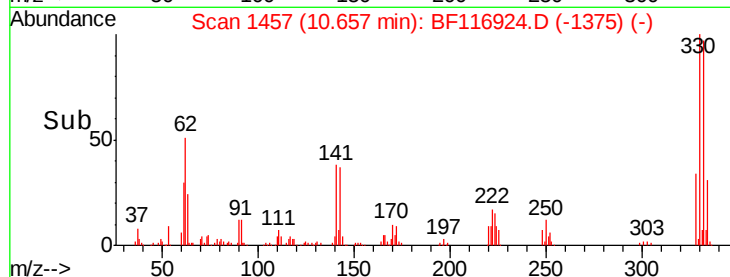
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.694 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.18 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 348
 Ion Ratio Lower Upper
 198 100
 51 109.4 18.4 58.4#
 105 169.4 22.9 62.9#

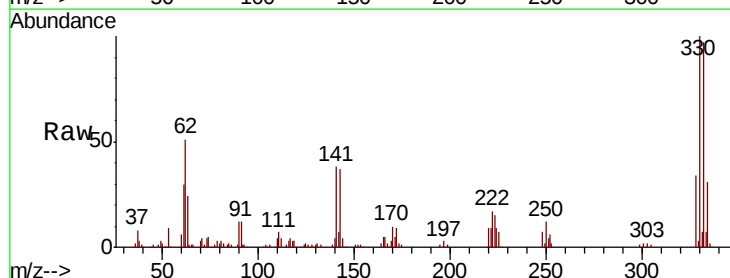


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

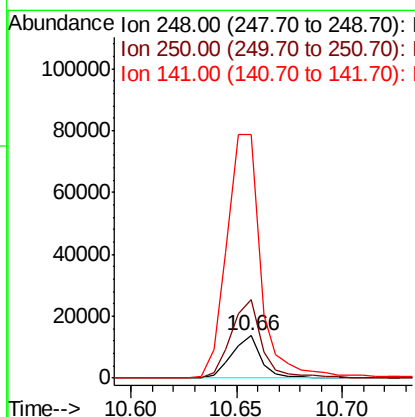
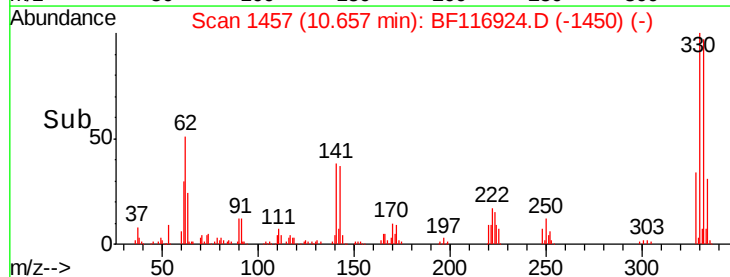


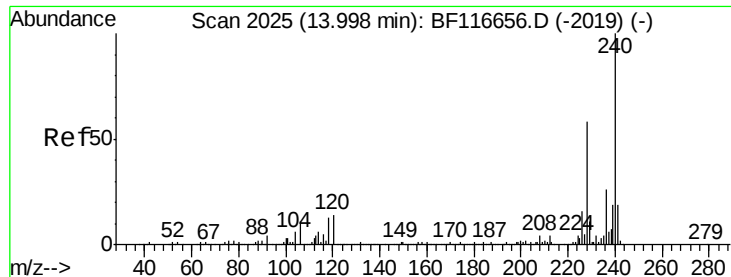
#67
 4-Bromophenyl-phenylether
 Concen: 3.939 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.26 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

Tgt Ion:248 Resp: 13123
 Ion Ratio Lower Upper
 248 100
 250 184.1 77.8 116.8#
 141 573.1 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: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF116924.D

Acq: 10 Sep 2019 16:33

Instrument :

BNA_F

ClientSampleId :

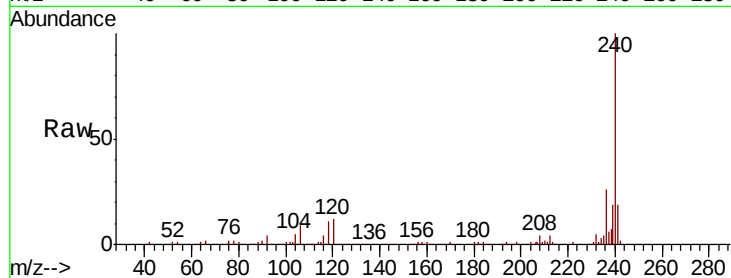
Tot Ion:240 Resp: 243627

Ion Ratio Lower Upper

240 100

120 12.1 9.1 13.7

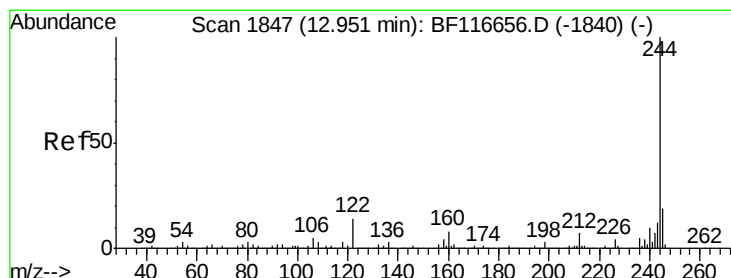
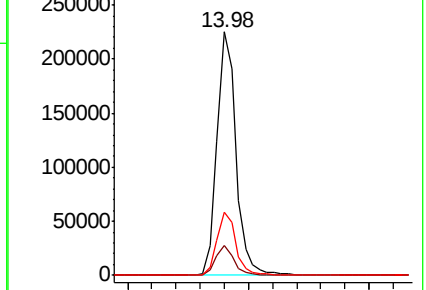
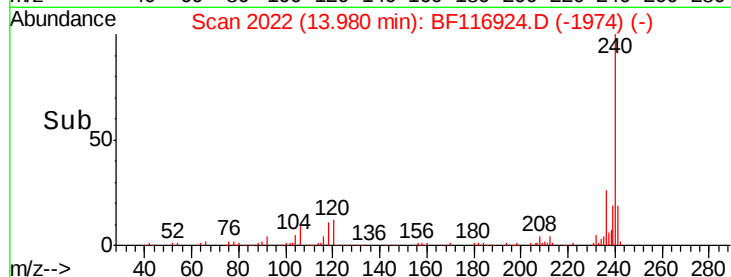
236 26.1 21.1 31.7



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: 85.900 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF116924.D

Acq: 10 Sep 2019 16:33

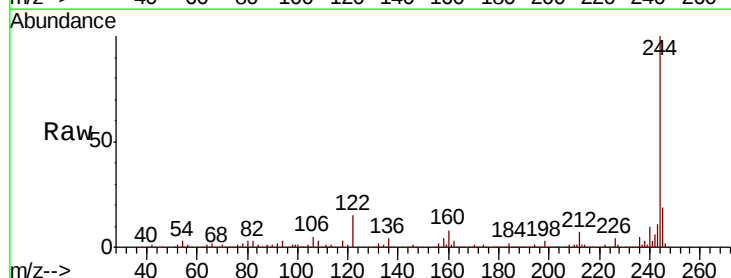
Tgt Ion:244 Resp: 1131260

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

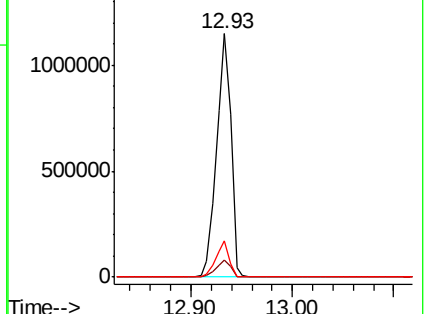
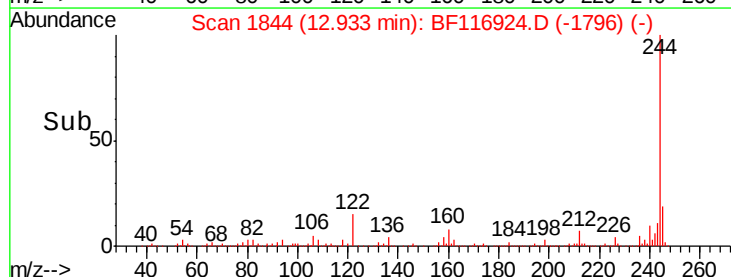
122 14.8 10.2 15.4

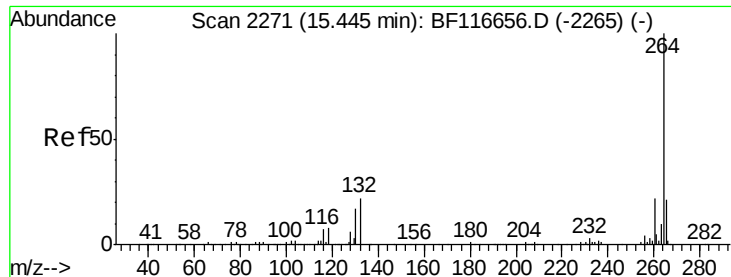


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

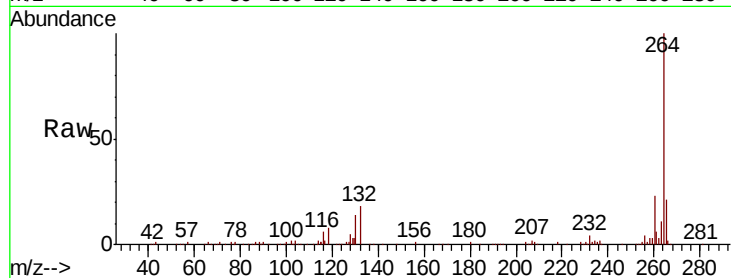




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF116924.D
 Acq: 10 Sep 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.0	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

