

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111296.D
 Acq On : 12 Dec 2018 00:39
 Operator : JU/SJ
 Sample : J6193-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-121018-A

Quant Time: Dec 12 01:14:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

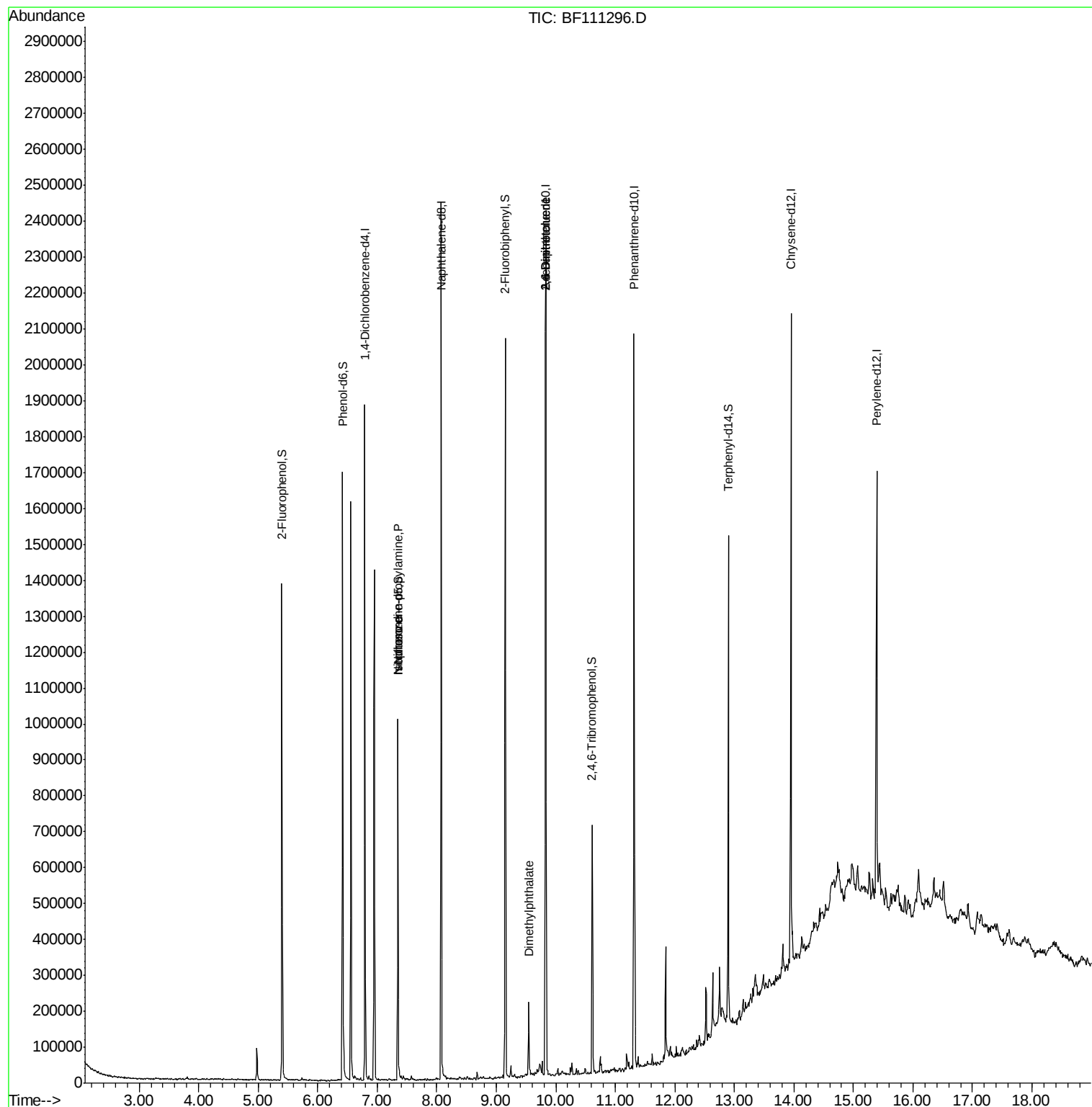
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	261296	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1016434	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	460843	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	726588	20.00	ng	0.00
76) Chrysene-d12	13.95	240	562433	20.00	ng	0.00
87) Perylene-d12	15.39	264	535004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	392498	23.72	ng	0.00
7) Phenol-d6	6.42	99	530293	25.79	ng	-0.02
23) Nitrobenzene-d5	7.35	82	310204	17.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	76086	18.64	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	550901	13.89	ng	-0.01
79) Terphenyl-d14	12.90	244	396634	16.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	1326	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.35	70	41091	2.983 ng	#	76
25) Isophorone	7.35	82	307174	9.952 ng	#	64
46) 1,1'-Biphenyl	9.25	154	1464	Below Cal		84
50) Dimethylphthalate	9.55	163	68693	2.020 ng		98
51) 2,6-Dinitrotoluene	9.83	165	58630	7.808 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	58630	6.333 ng	#	25

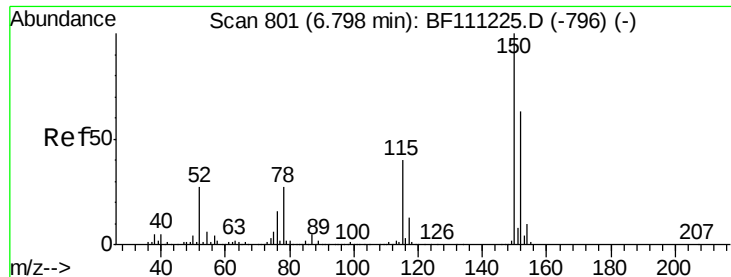
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampled :
CL-01-121018-A

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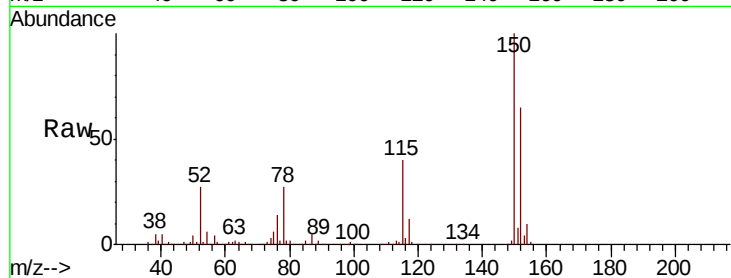


#1

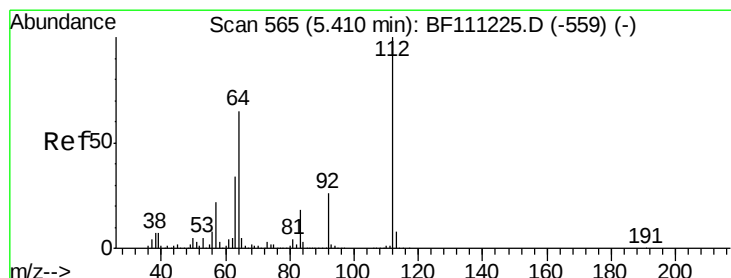
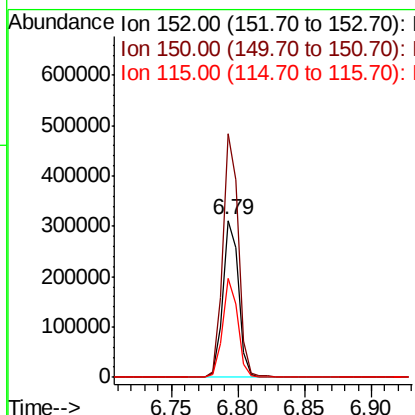
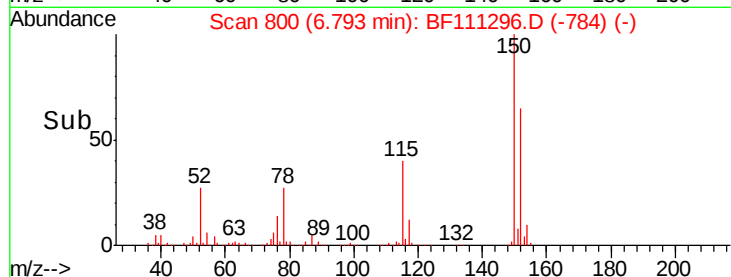
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF111296.D
Acq: 12 Dec 2018 00:39

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-A

Tgt Ion:152 Resp: 261296
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 62.6 50.7 76.1



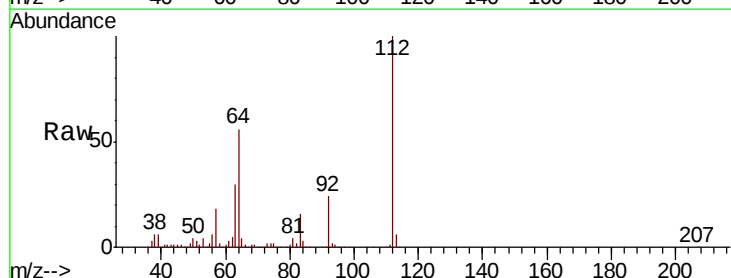
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



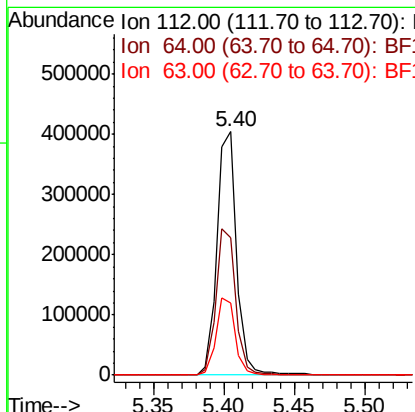
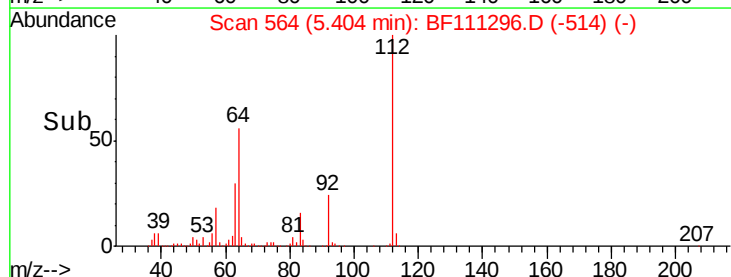
#5

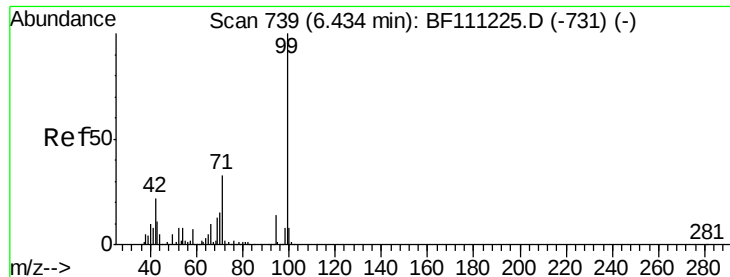
2-Fluorophenol
Concen: 23.720 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111296.D
Acq: 12 Dec 2018 00:39

Tgt Ion:112 Resp: 392498
Ion Ratio Lower Upper
112 100
64 56.5 51.8 77.6
63 29.8 26.8 40.2



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: 25.787 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111296.D

Acq: 12 Dec 2018 00:39

Instrument :

BNA_F

ClientSampleId :

CL-01-121018-A

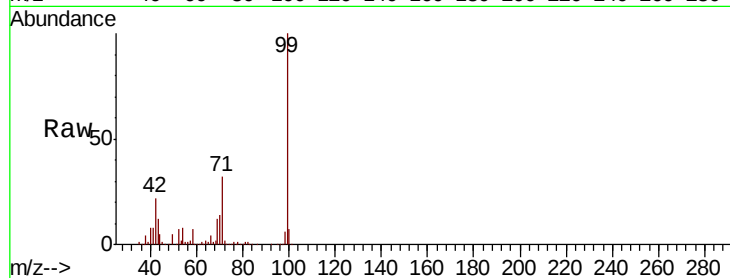
Tgt Ion: 99 Resp: 530293

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

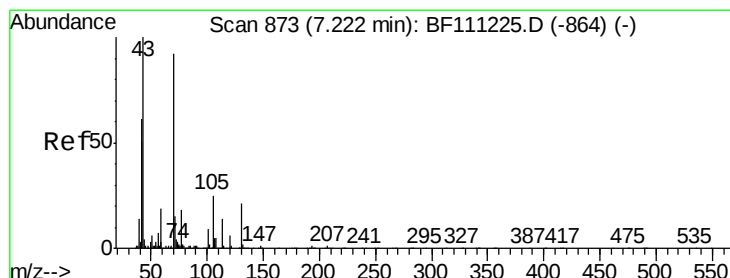
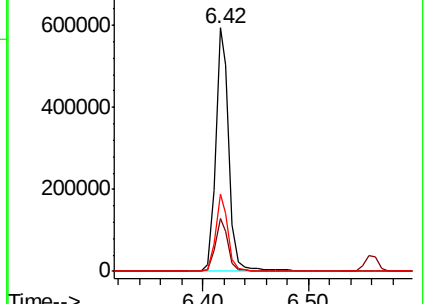
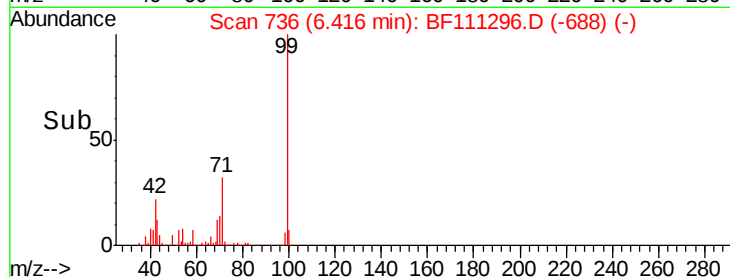
71 31.8 26.1 39.1



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: 2.983 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.12 min

Lab File: BF111296.D

Acq: 12 Dec 2018 00:39

Tgt Ion: 70 Resp: 41091

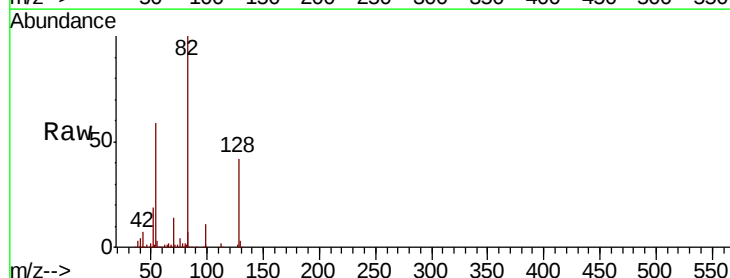
Ion Ratio Lower Upper

70 100

42 53.1 53.2 79.8#

101 0.0 8.2 12.4#

130 1.8 18.1 27.1#

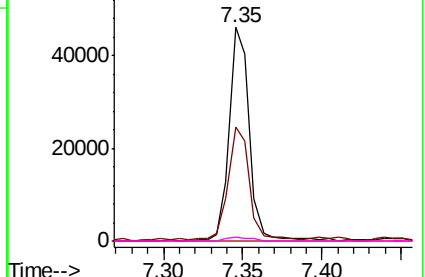
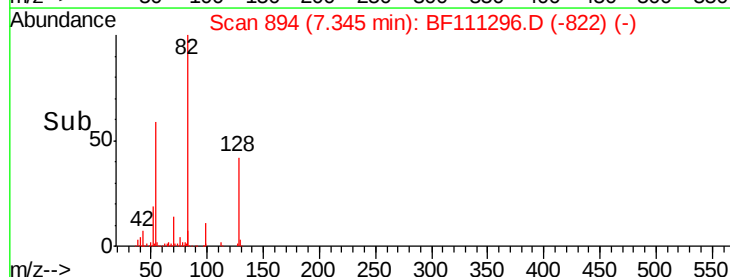


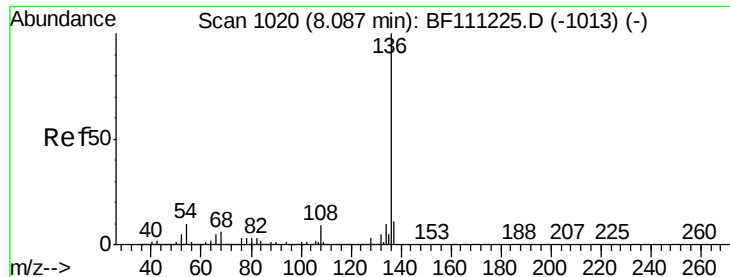
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

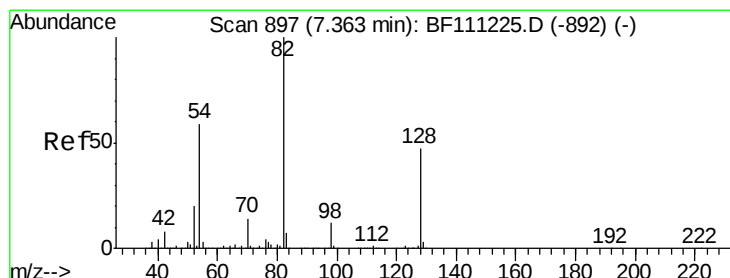
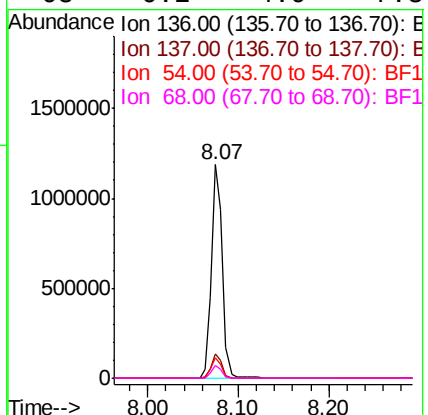
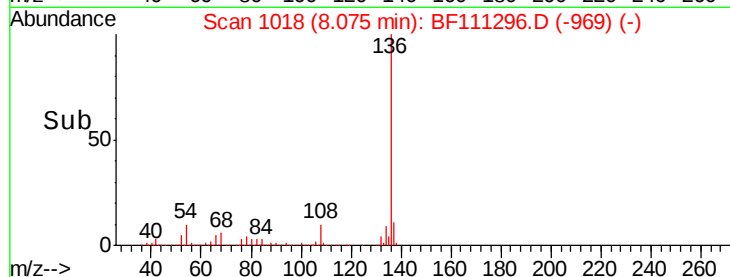
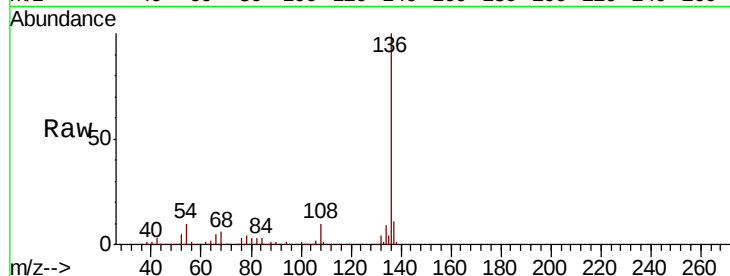




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111296.D
Acq: 12 Dec 2018 00:39

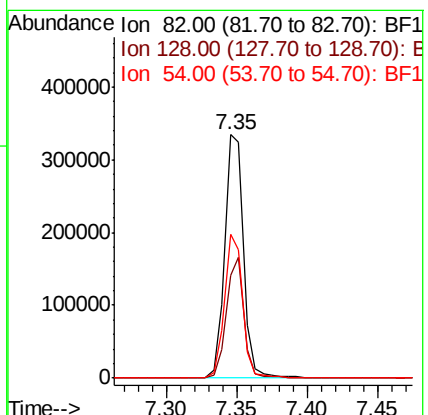
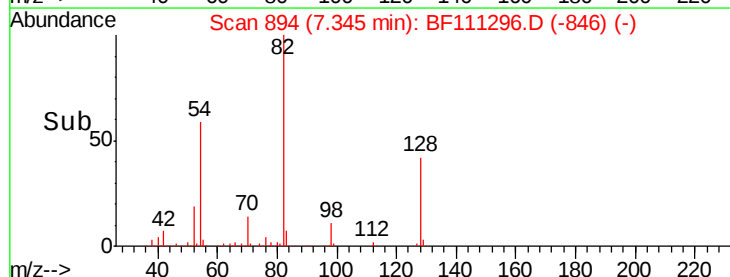
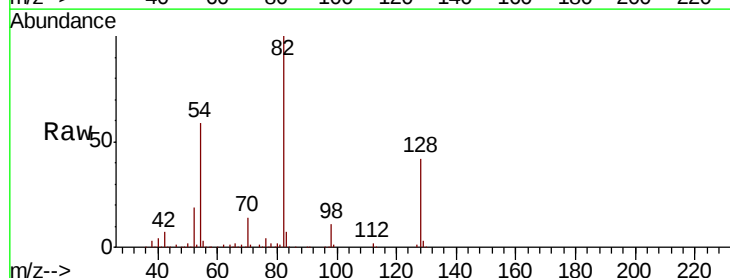
Instrument :
BNA_F
ClientSampleId :
CL-01-121018-A

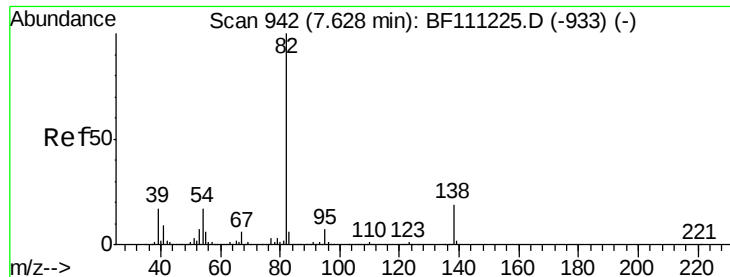
Tgt Ion: 136 Resp: 1016434
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.8 7.7 11.5
68 6.2 4.9 7.3



#23
Nitrobenzene-d5
Concen: 17.118 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF111296.D
Acq: 12 Dec 2018 00:39

Tgt Ion: 82 Resp: 310204
Ion Ratio Lower Upper
82 100
128 42.1 37.4 56.2
54 59.1 47.6 71.4

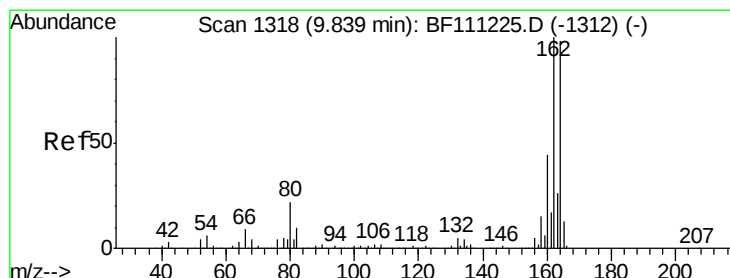
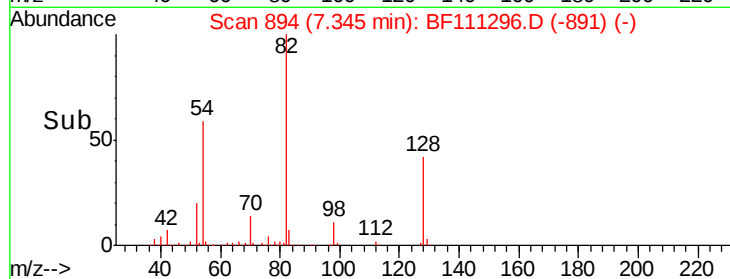
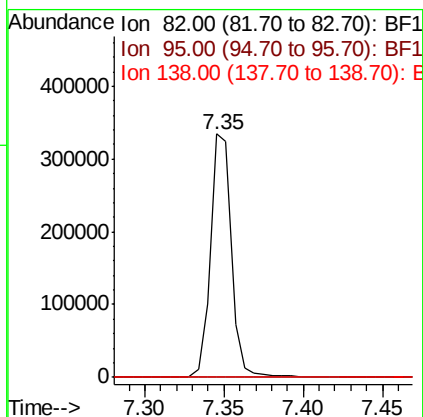
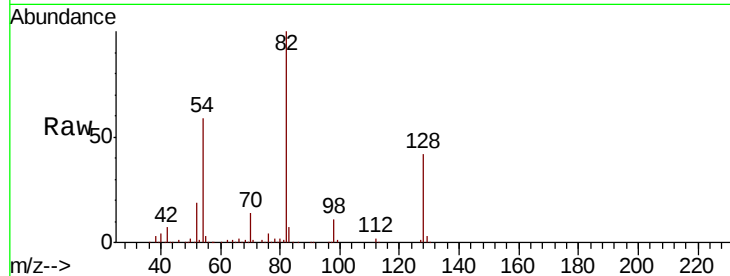




#25
Isophorone
Concen: 9.952 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.28 min
Lab File: BF111296.D
Acq: 12 Dec 2018 00:39

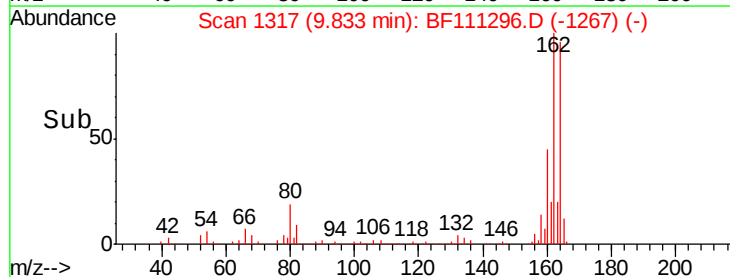
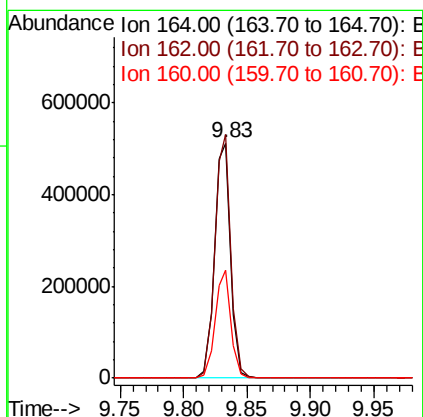
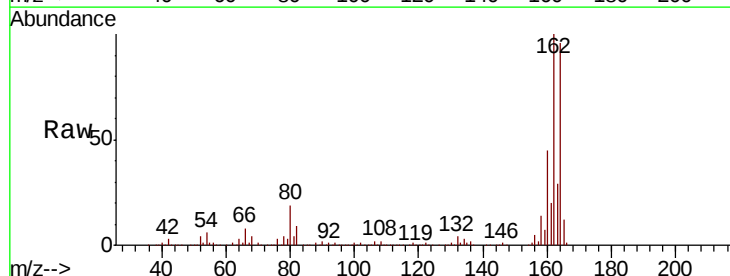
Instrument :
BNA_F
ClientSampleId :
CL-01-121018-A

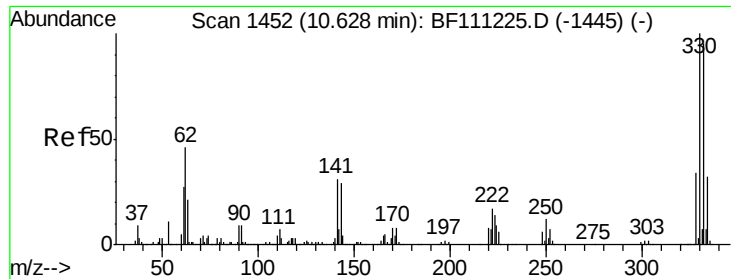
Tgt Ion: 82 Resp: 307174
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111296.D
Acq: 12 Dec 2018 00:39

Tgt Ion: 164 Resp: 460843
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 46.2 35.7 53.5

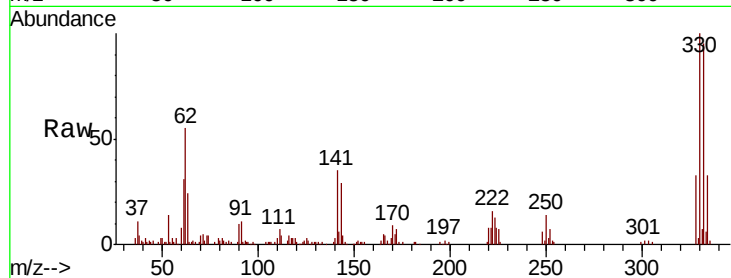




#42
 2,4,6-Tribromophenol
 Concen: 18.638 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111296.D
 Acq: 12 Dec 2018 00:39

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-121018-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	39.6	31.0	46.6

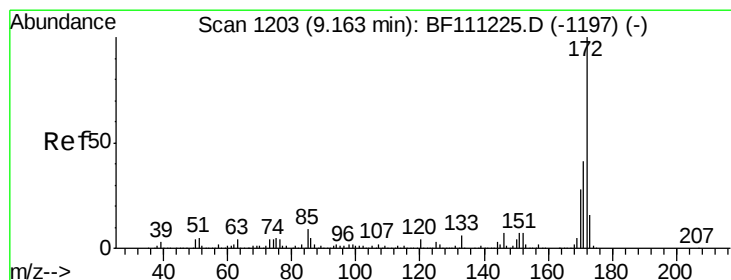
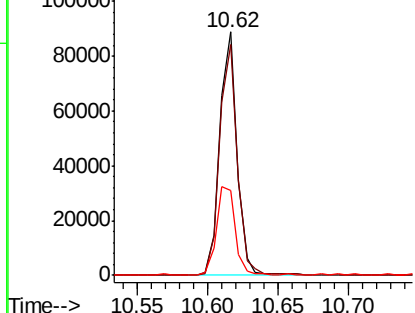
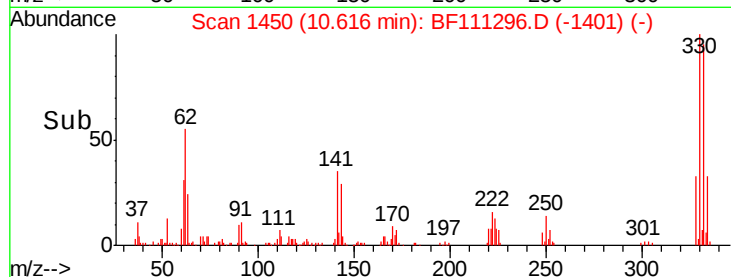


Abundance

Ion 329.80 (329.50 to 330.50): E

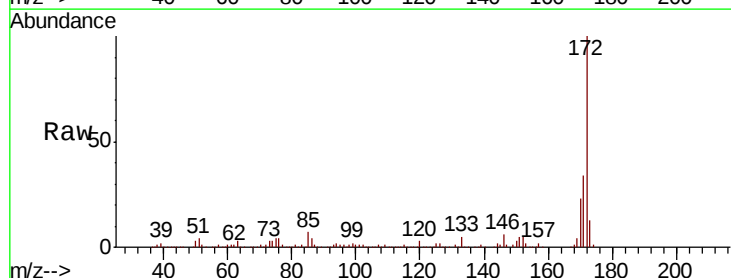
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 13.889 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111296.D
 Acq: 12 Dec 2018 00:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	33.0	49.4
170	23.1	22.3	33.5

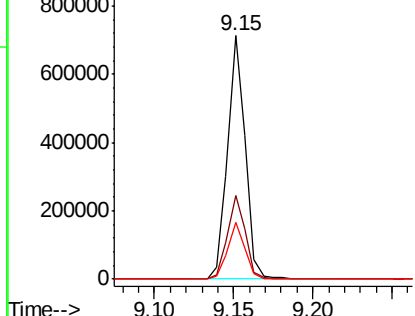
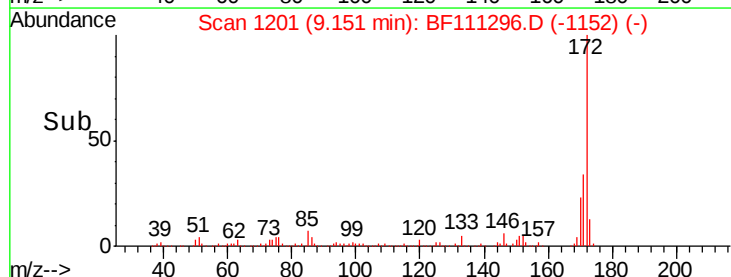


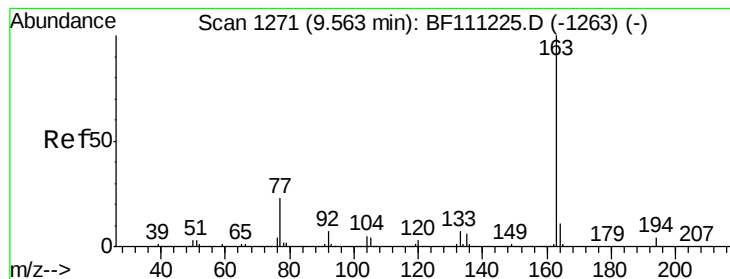
Abundance

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: 2.020 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111296.D

Acq: 12 Dec 2018 00:39

Instrument :

BNA_F

ClientSampleId :

CL-01-121018-A

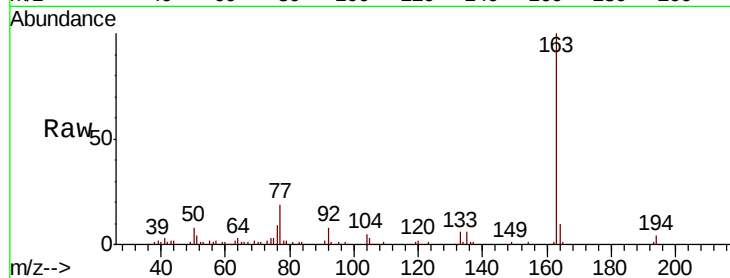
Tgt Ion:163 Resp: 68693

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

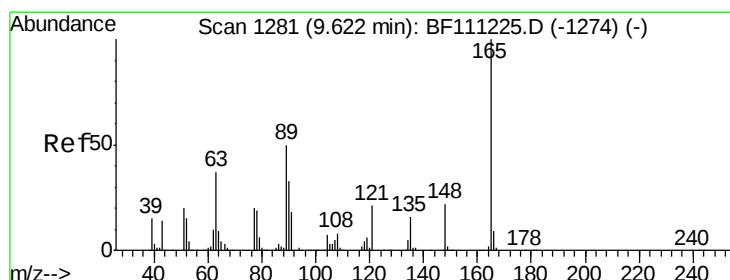
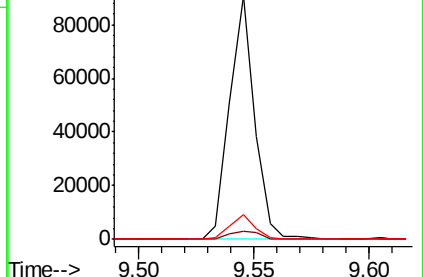
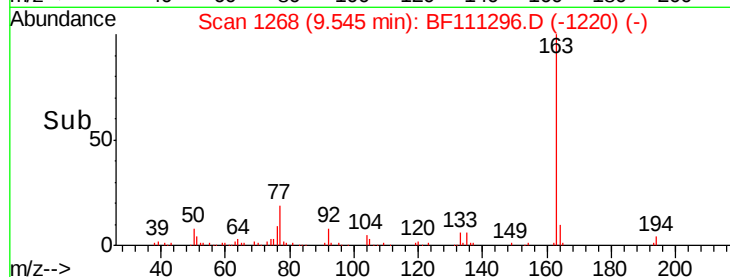
164 10.3 8.9 13.3



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: 7.808 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF111296.D

Acq: 12 Dec 2018 00:39

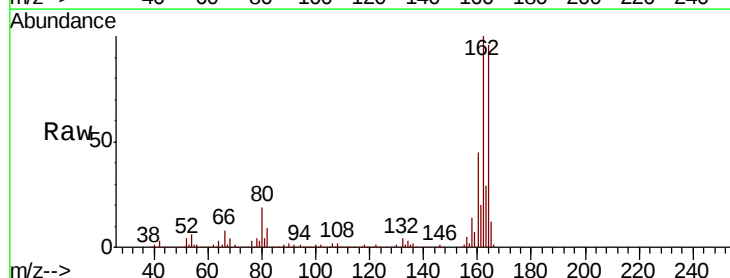
Tgt Ion:165 Resp: 58630

Ion Ratio Lower Upper

165 100

63 2.0 40.5 60.7#

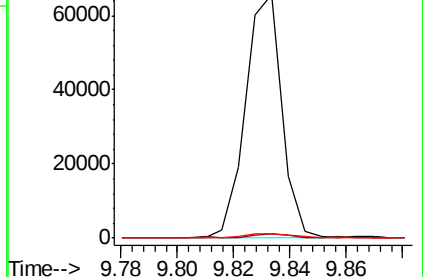
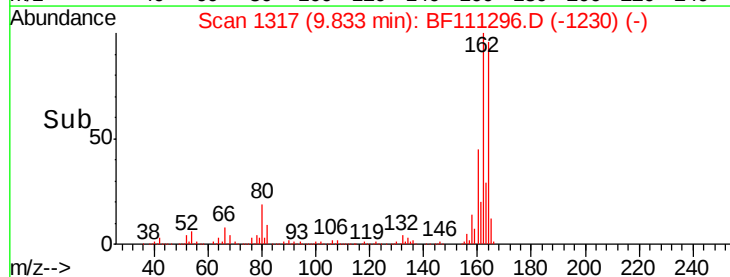
89 1.6 40.0 60.0#

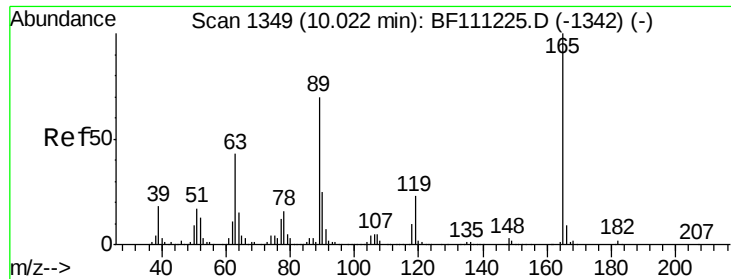


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

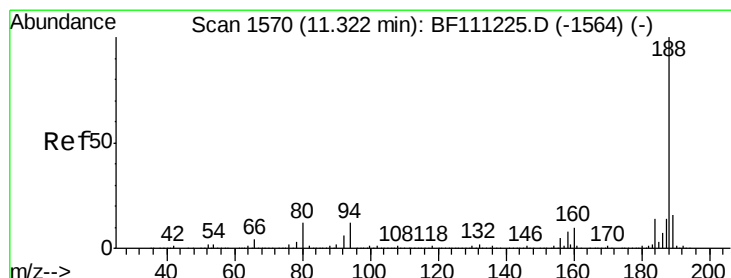
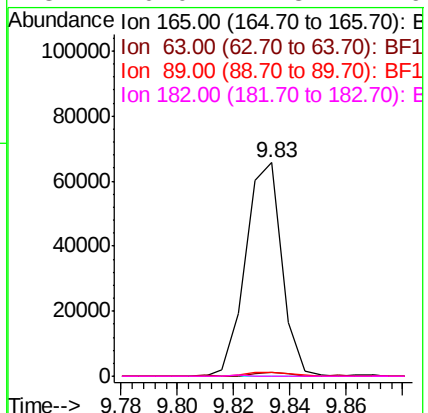
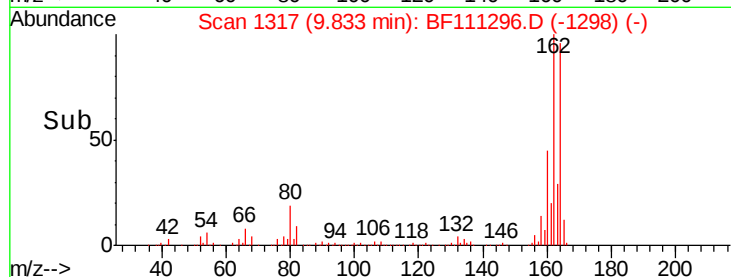
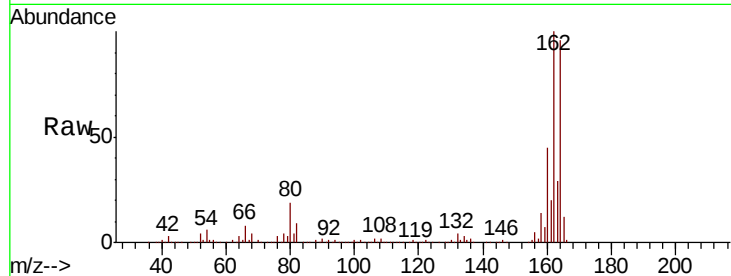




#57
 2,4-Dinitrotoluene
 Concen: 6.333 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF111296.D
 Acq: 12 Dec 2018 00:39

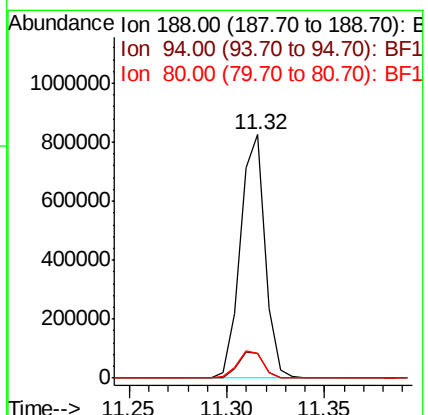
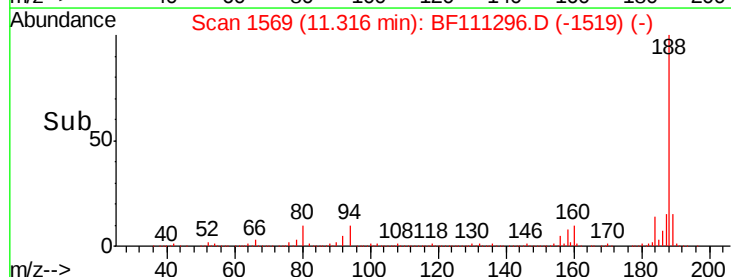
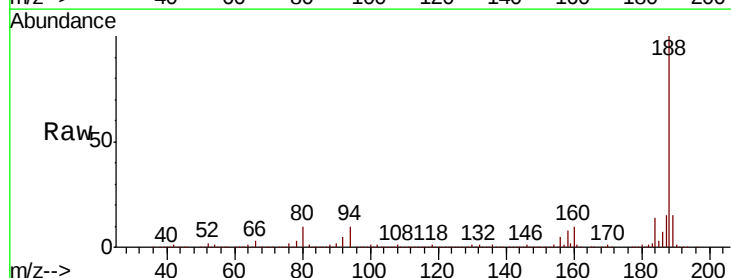
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-121018-A

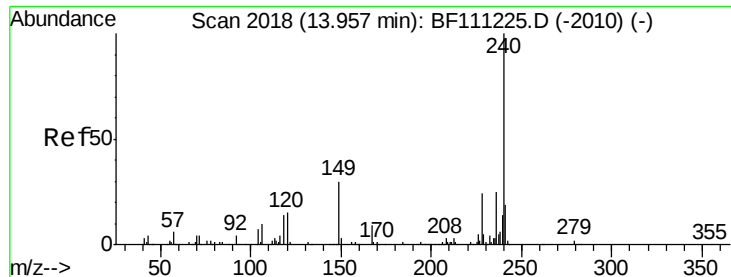
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF111296.D
 Acq: 12 Dec 2018 00:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.6	14.4
80	10.1	9.8	14.6

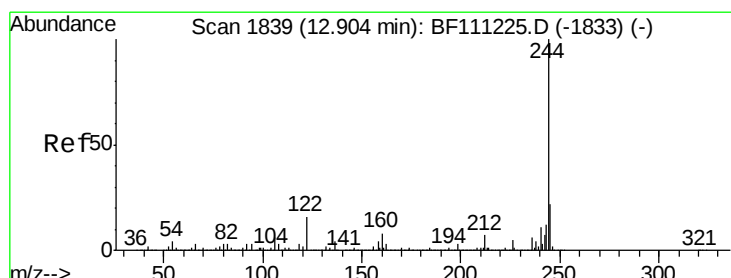
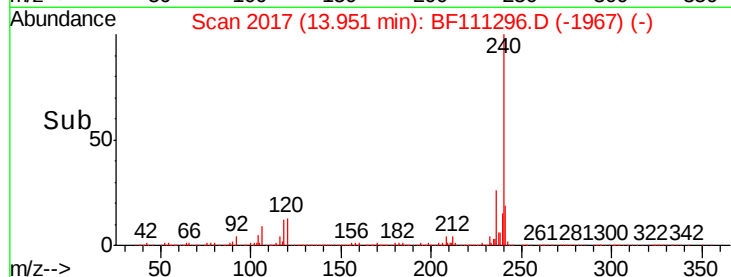
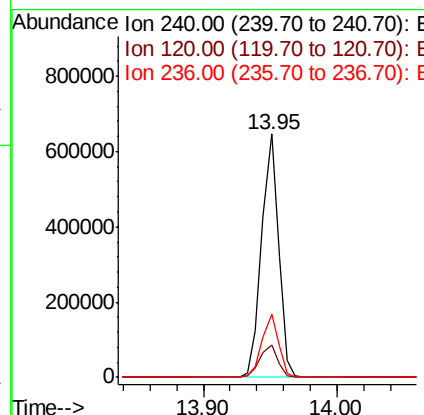
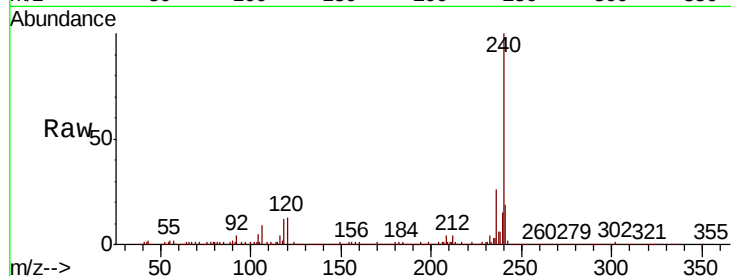




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111296.D
Acq: 12 Dec 2018 00:39

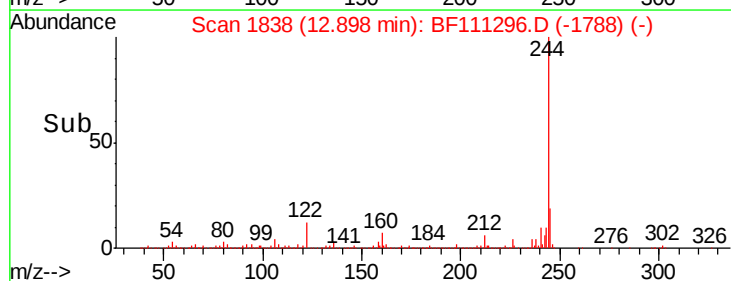
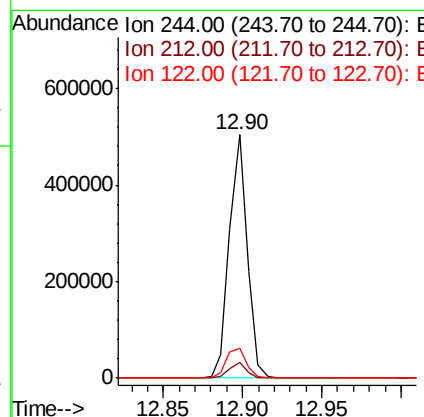
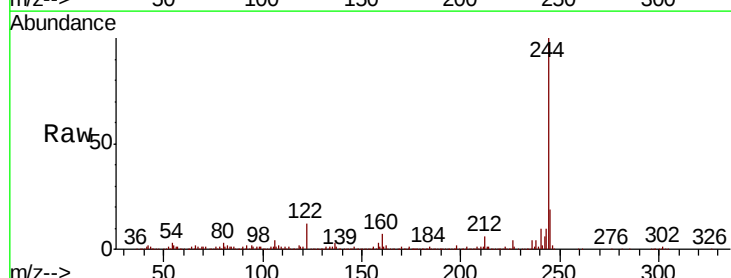
Instrument :
BNA_F
ClientSampleId :
CL-01-121018-A

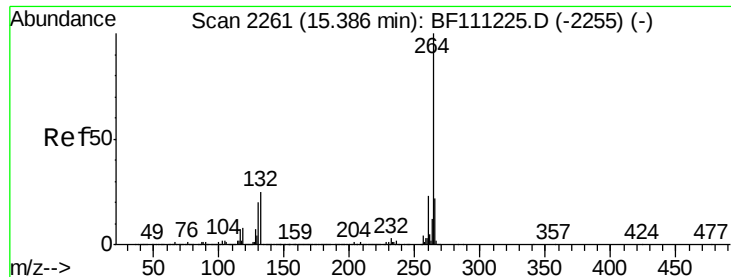
Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	12.2	18.2
236	25.8	20.2	30.2



#79
Terphenyl-d14
Concen: 16.915 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111296.D
Acq: 12 Dec 2018 00:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	12.3	13.1	19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111296.D
Acq: 12 Dec 2018 00:39

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.3	27.5
265	20.8	17.7	26.5

