Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112613.D
Acq On : 19 Feb 2019 11:33
Operator : JU/SJ
Sample : BNS TEST
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 19 12:11:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	88324	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	397210	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	232192	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	493391	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	465688	20.00	ng	-0.01
87) Perylene-d12	15.47	264	408607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.39	82	333680	48.40	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.17	172	850157	51.79	ng	-0.03
79) Terphenyl-d14	12.93	244	1177811	47.64	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	45466	11.411	ng	# 77
25) Isophorone	7.39	82	333677	30.854	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	30016	7.429	ng	# 34
57) 2,4-Dinitrotoluene	9.86	165	30016	5.836	ng	# 32

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

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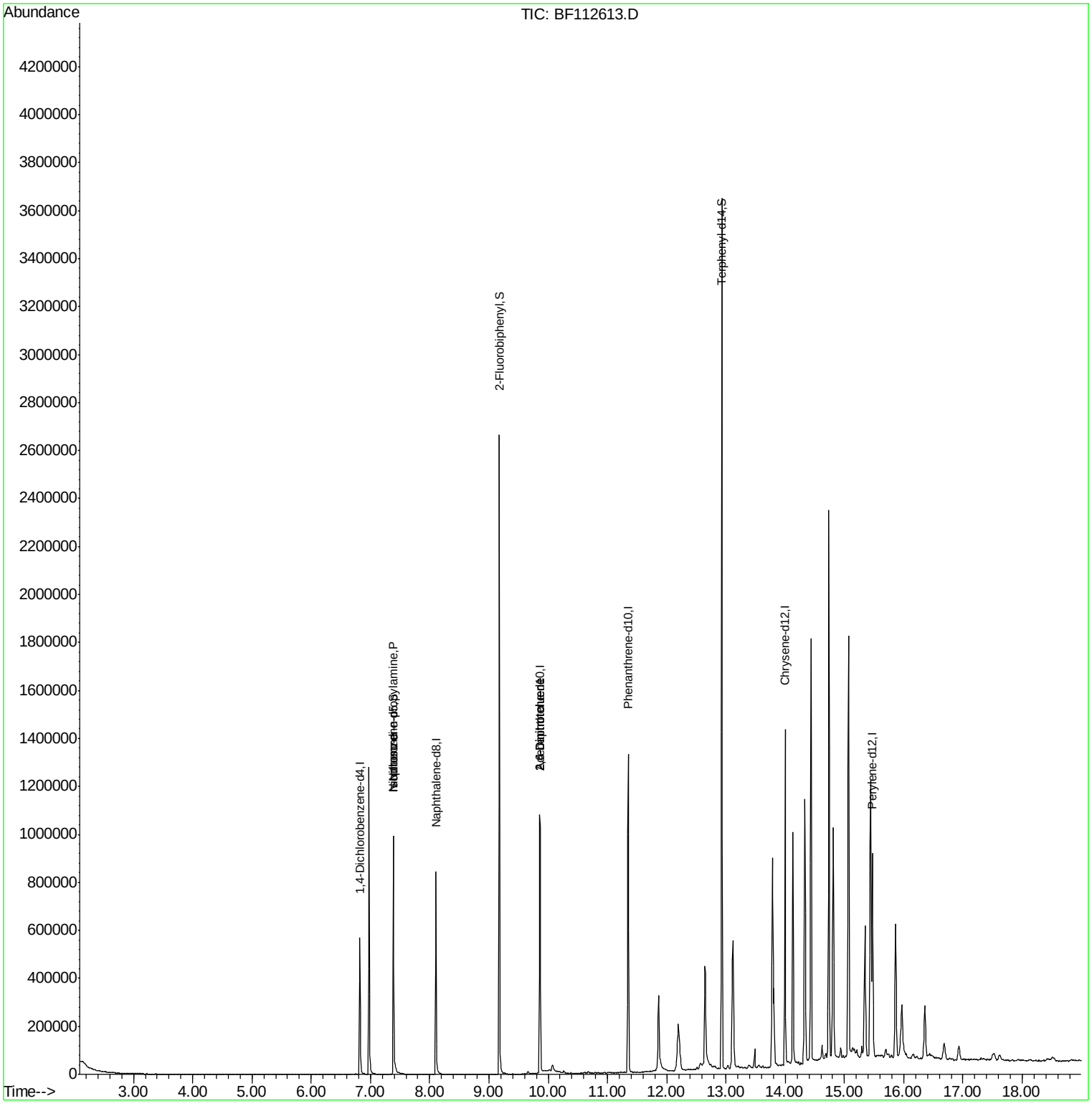
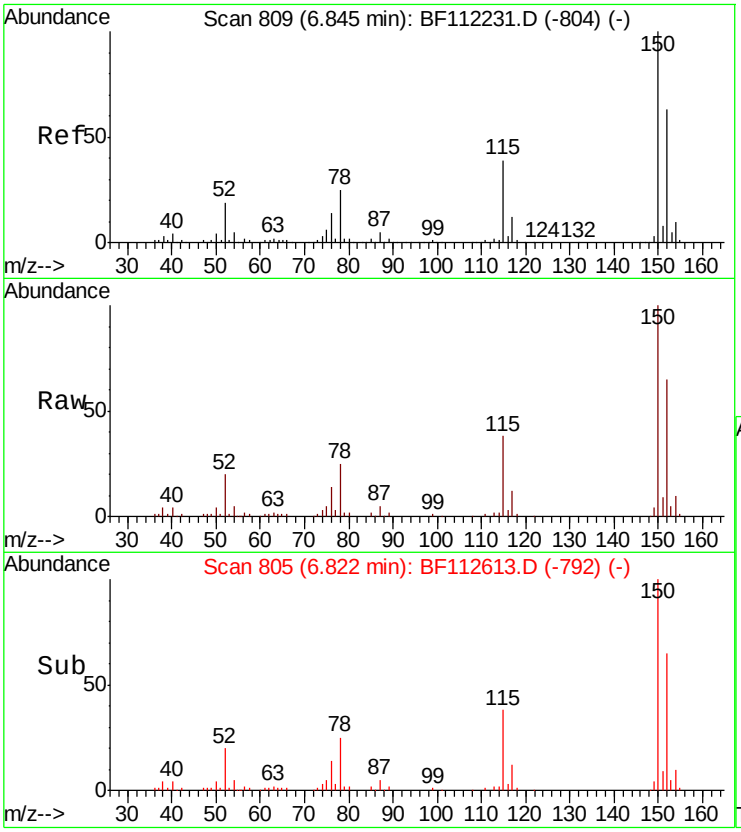


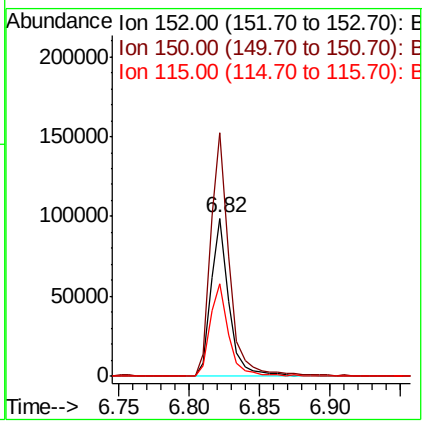


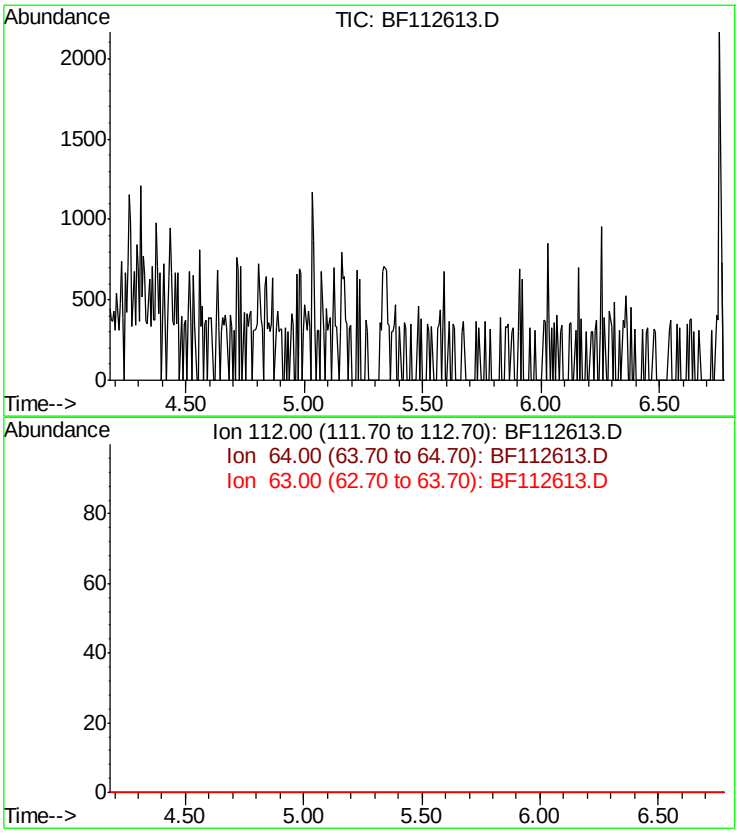
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 88324

Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.4	191.0
115	58.6	45.5	68.3



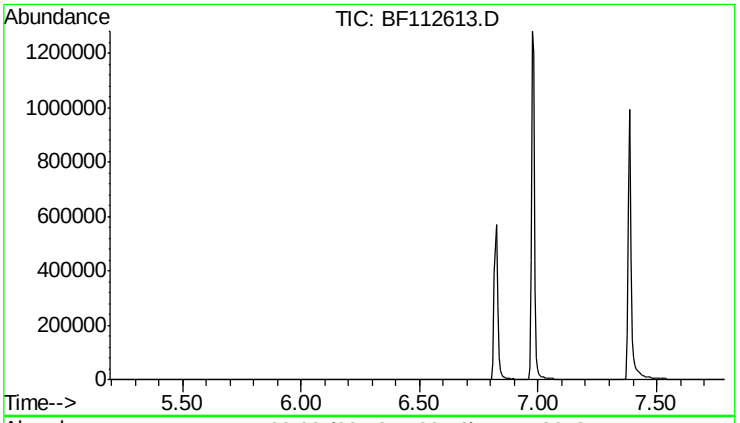


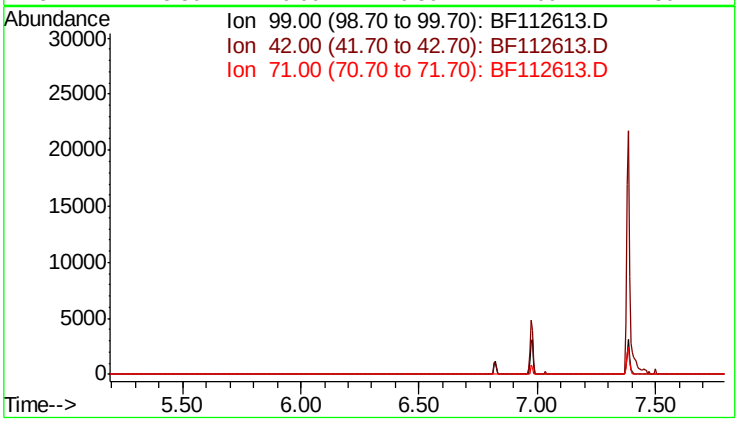
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.48 min

Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	57.1
63	29.5





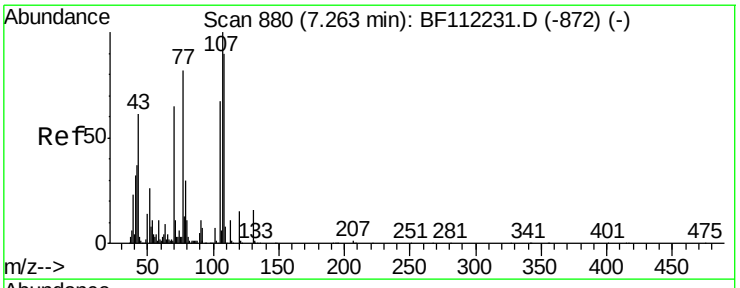
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.49 min

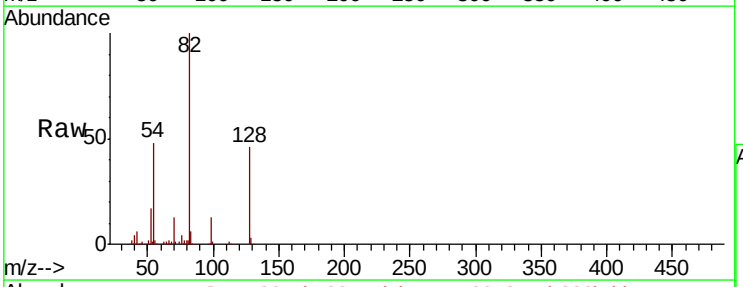
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

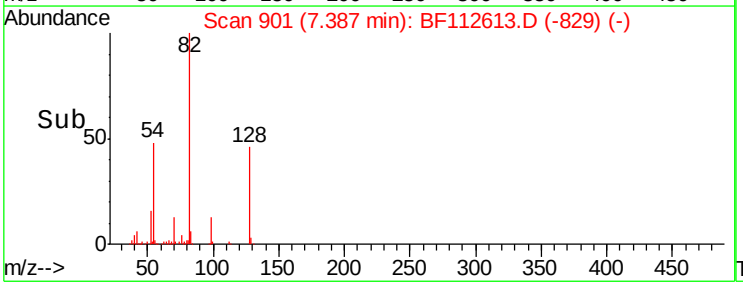
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	18.9
71	33.6

Instrument :
BNA_F
ClientSampleId :



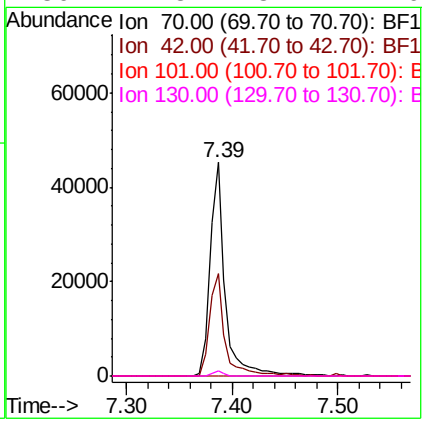


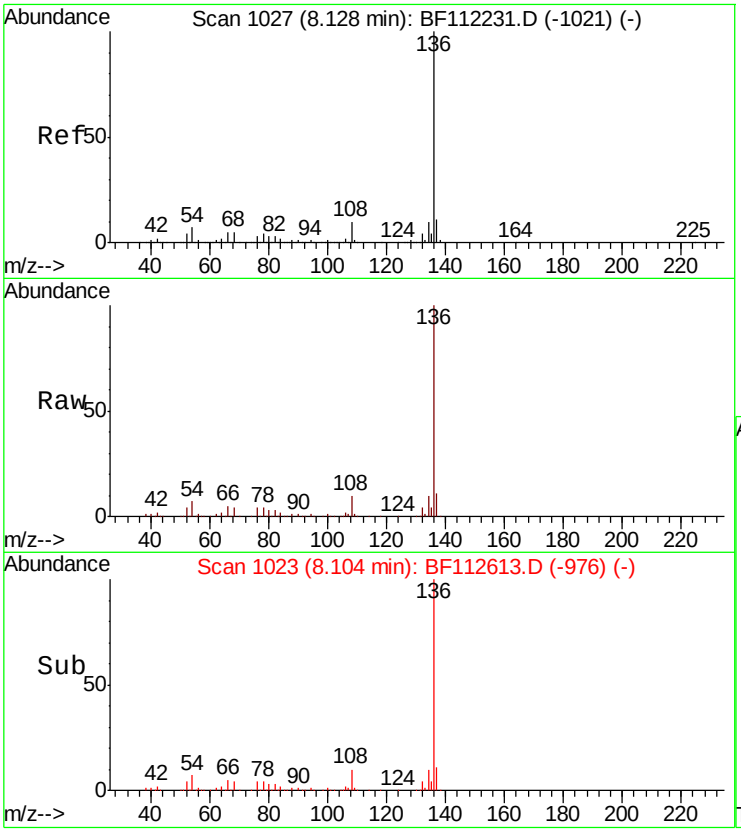


#19
n-Nitroso-di-n-propylamine
Concen: 11.411 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Tgt Ion: 70 Resp: 45466

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.6	71.4
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



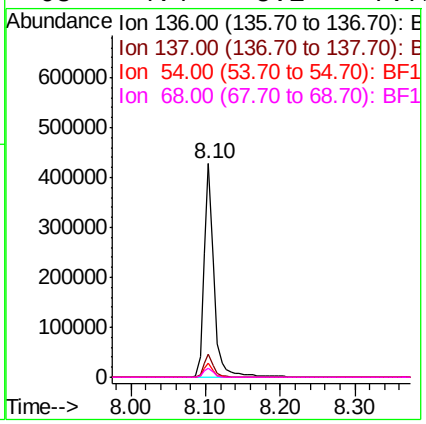


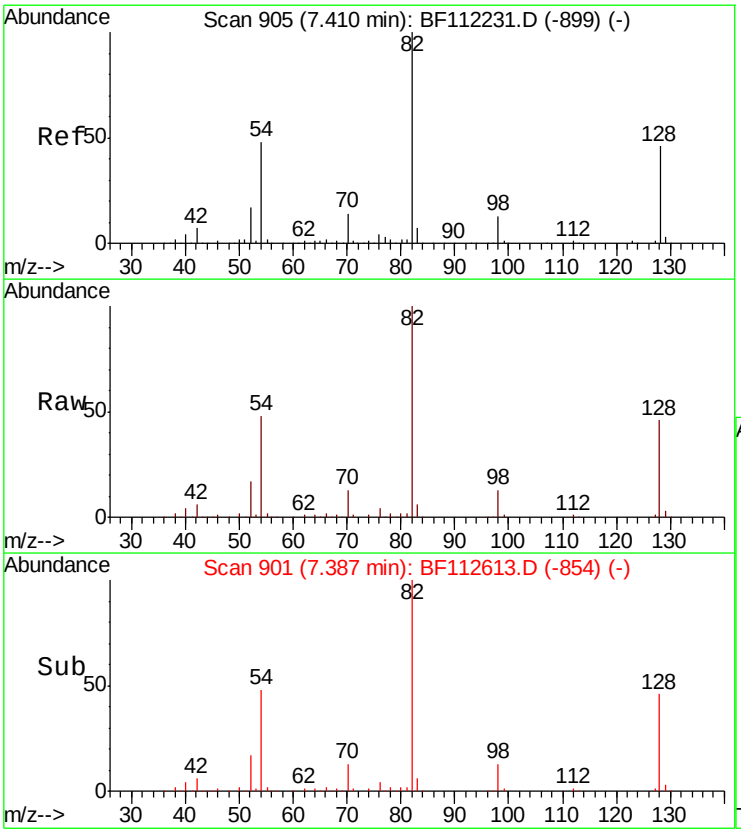
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 397210

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.5	5.9	8.9
68	4.4	5.1	7.7#

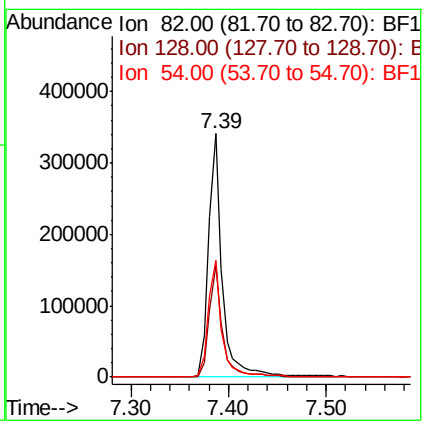


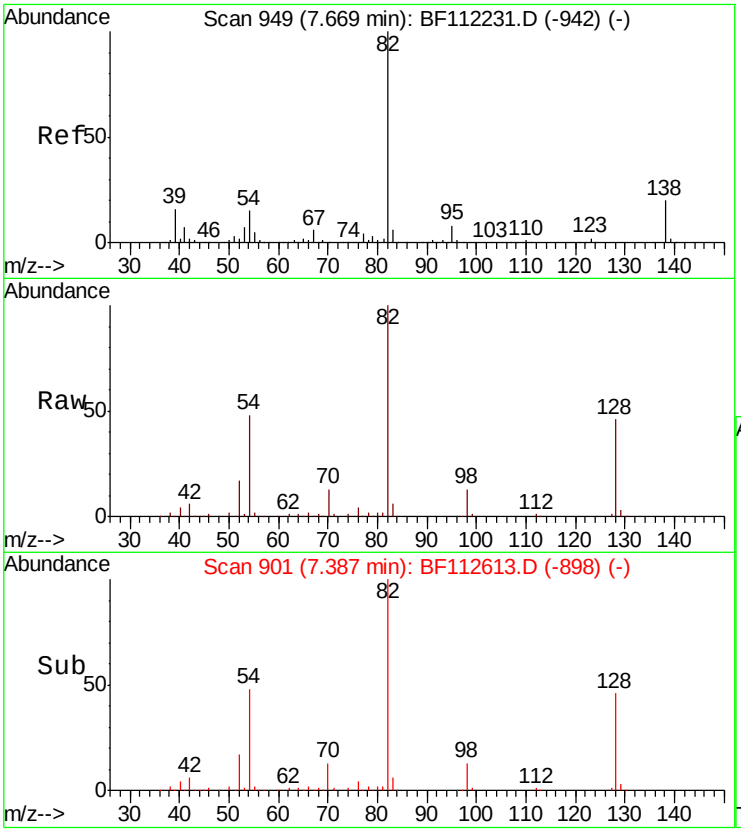


#23
Nitrobenzene-d5
Concen: 48.404 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Tgt Ion: 82 Resp: 333680

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.8	56.8
54	48.2	39.7	59.5



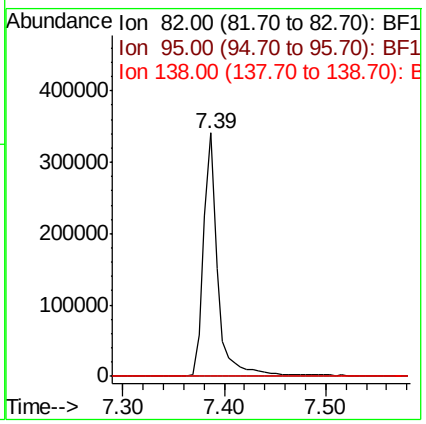


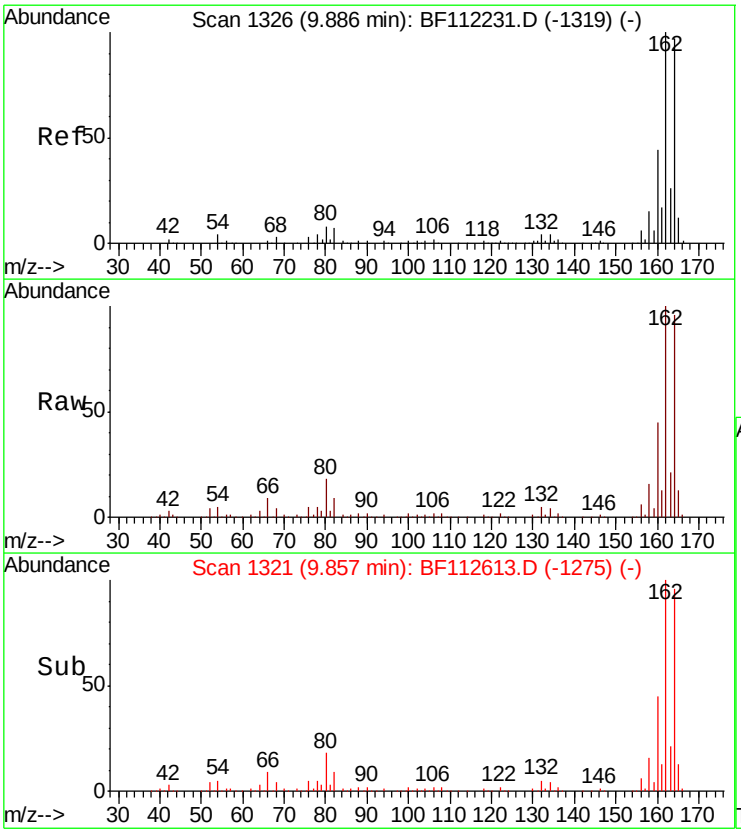
#25
Isophorone
Concen: 30.854 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 333677

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

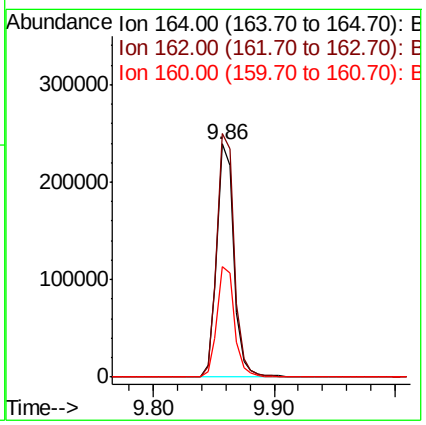


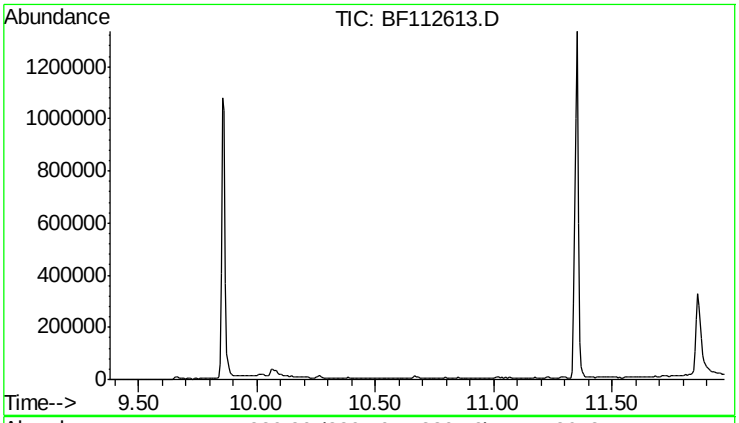


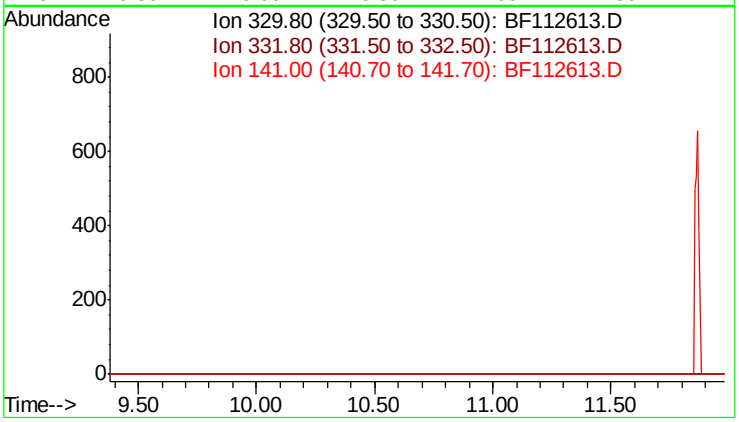
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Tgt Ion:164 Resp: 232192

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.4
160	47.5	36.2	54.4







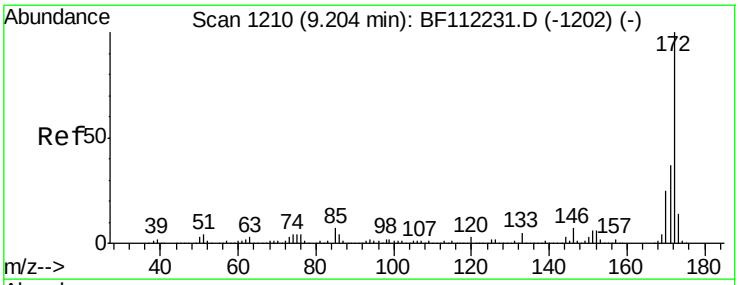
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.68 min

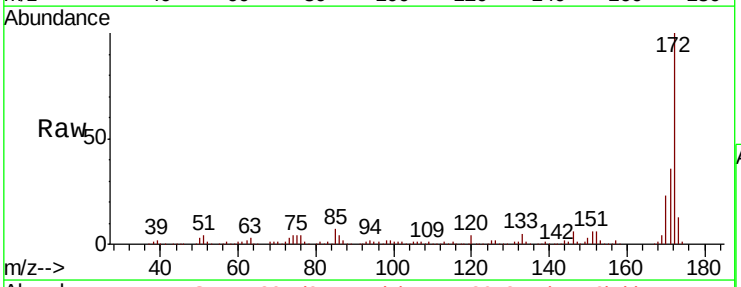
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

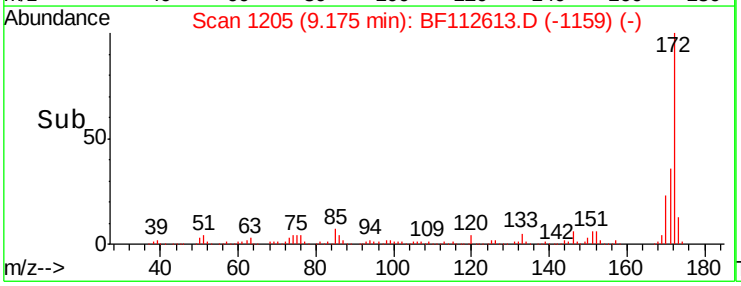
Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.7
141	30.4

Instrument :
BNA_F
ClientSampleId :



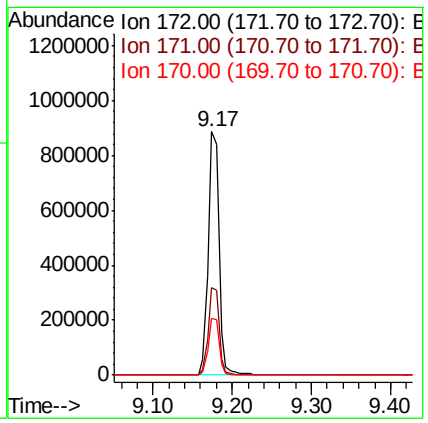


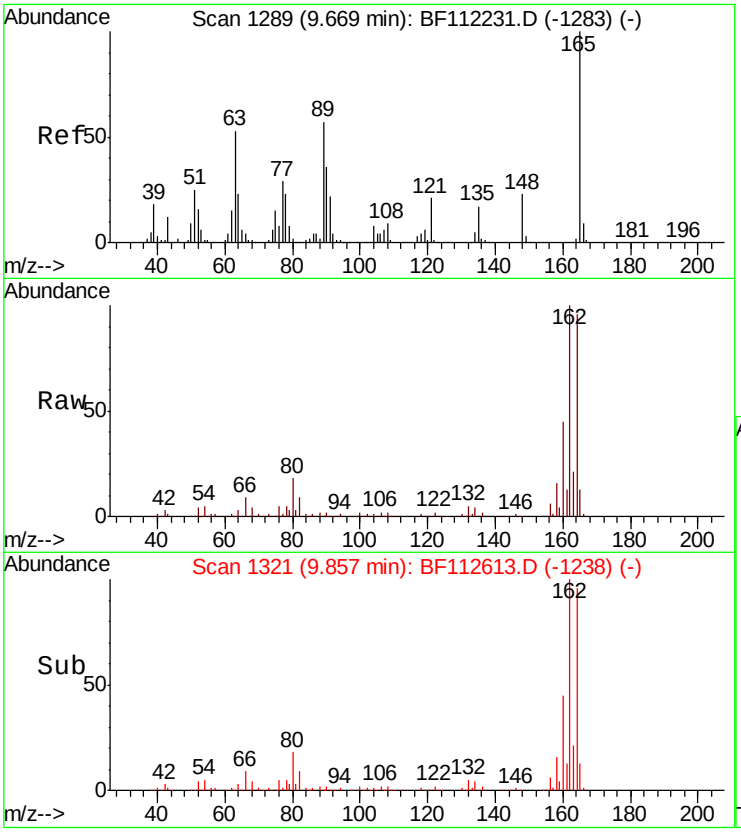


#45
2-Fluorobiphenyl
Concen: 51.785 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Tgt Ion:172 Resp: 850157

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.5	45.7
170	23.2	20.2	30.4



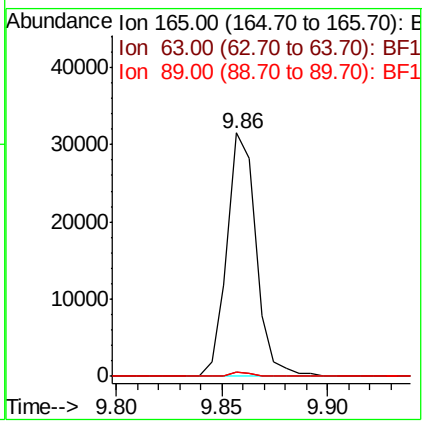


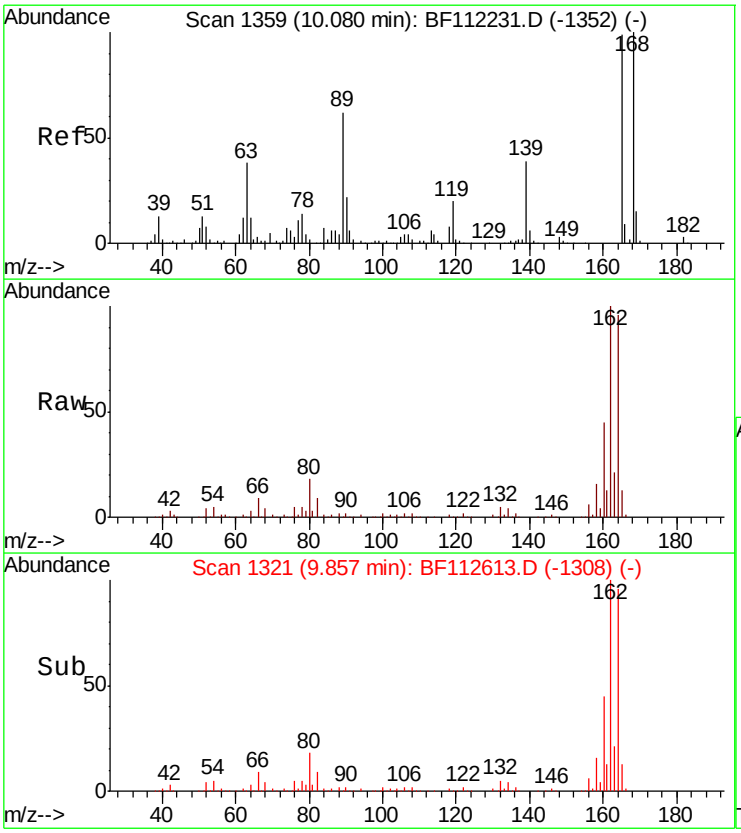
#51
2,6-Dinitrotoluene
Concen: 7.429 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.19 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30016

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.8#
89	1.8	36.9	55.3#

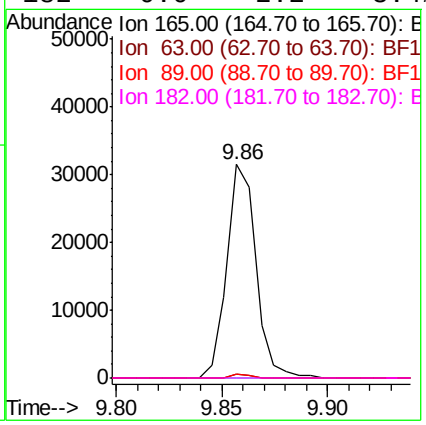


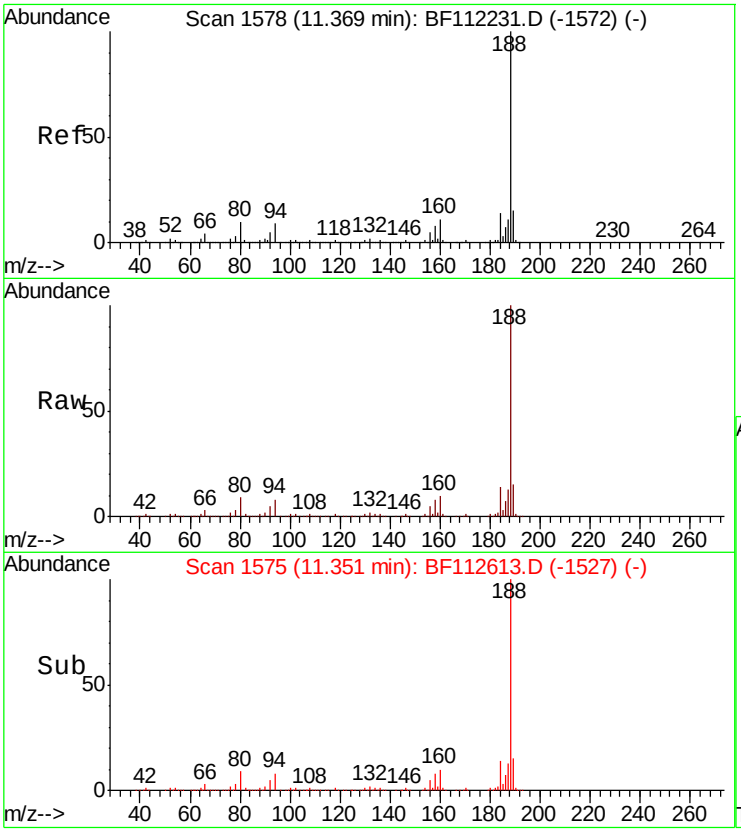


#57
2,4-Dinitrotoluene
Concen: 5.836 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.22 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Tgt Ion:165 Resp: 30016

Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	1.8	47.9	71.9#
182	0.0	2.2	3.4#



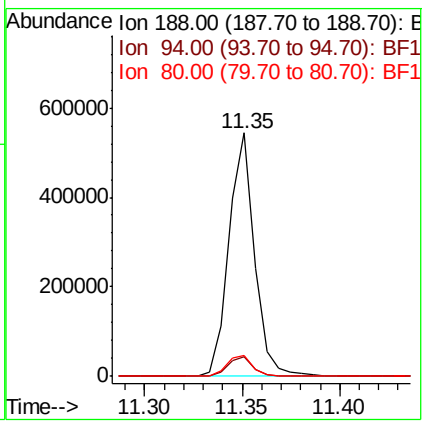


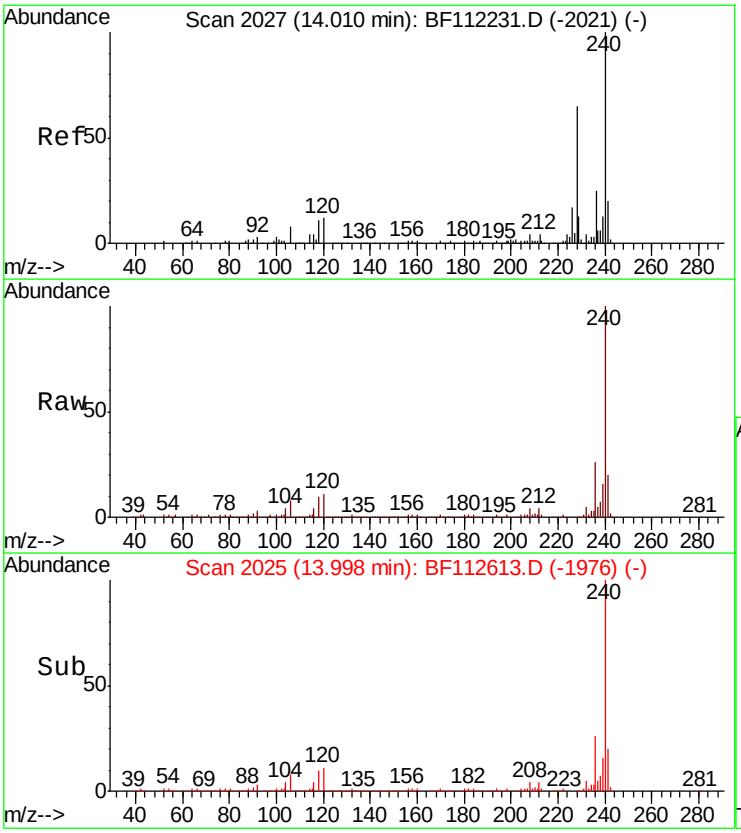
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 493391

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.2	12.2#
80	8.8	8.9	13.3#

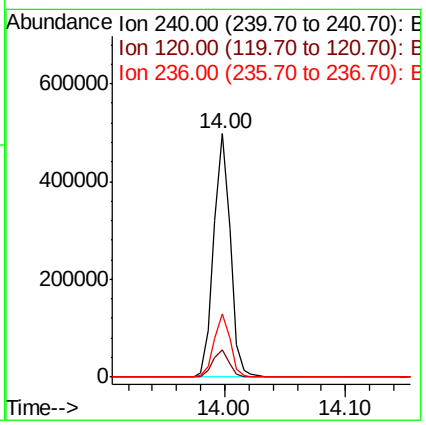


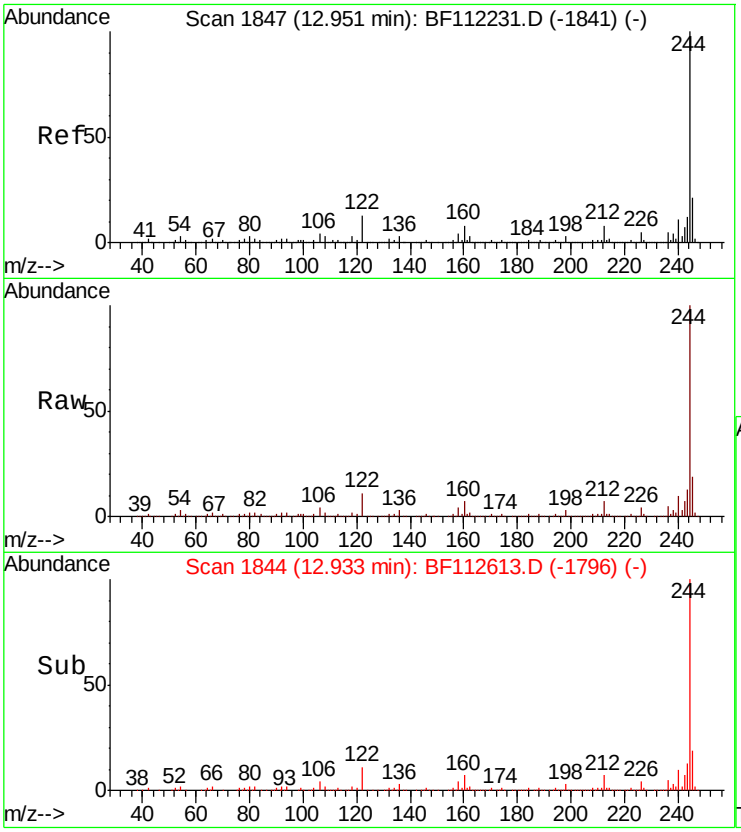


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Tgt Ion:240 Resp: 465688

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.6
236	25.8	20.7	31.1



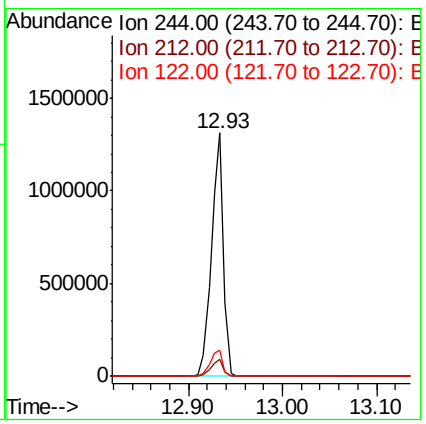


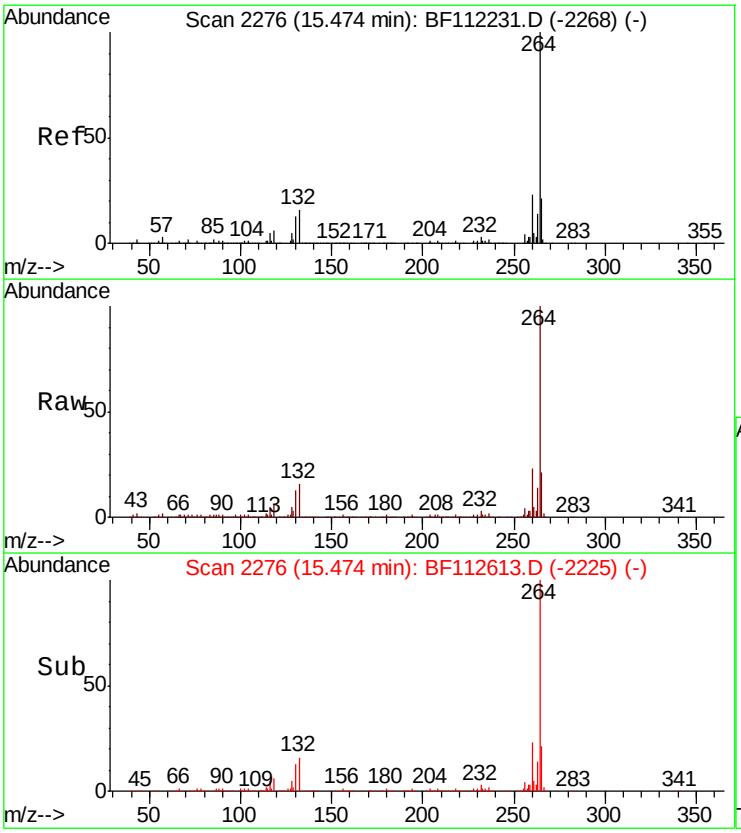
#79
Terphenyl-d14
Concen: 47.636 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1177811

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.8	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112613.D
Acq: 19 Feb 2019 11:33

Tgt Ion:264 Resp: 408607

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.1	17.0	25.4