Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112650.D
Acq On : 21 Feb 2019 14:08
Operator : JU/SJ
Sample : K1547-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 21 15:32:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 21 12:57:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93195	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	391700	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	195886	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	381286	20.00	ng		0.00
76) Chrysene-d12	14.00	240	254677	20.00	ng		0.00
87) Perylene-d12	15.47	264	241400	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	200100	45.61	ng		0.00
7) Phenol-d6	6.47	99	267251	43.83	ng		0.00
23) Nitrobenzene-d5	7.39	82	174660	25.69	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	95384	41.83	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	389103	28.09	ng		0.00
79) Terphenyl-d14	12.93	244	386468	28.58	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	22994	5.470	ng	#	75
25) Isophorone	7.39	82	174658	16.377	ng	#	63
51) 2,6-Dinitrotoluene	9.86	165	25880	7.593	ng	#	35
57) 2,4-Dinitrotoluene	9.86	165	25880	5.964	ng	#	32
75) Fluoranthene	12.57	202	64366	3.027	ng		95
78) Pyrene	12.80	202	63008	3.573	ng		98
88) Benzo(b)fluoranthene	15.04	252	44982	3.116	ng	#	95
89) Benzo(k)fluoranthene	15.04	252	44982	3.253	ng		95

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

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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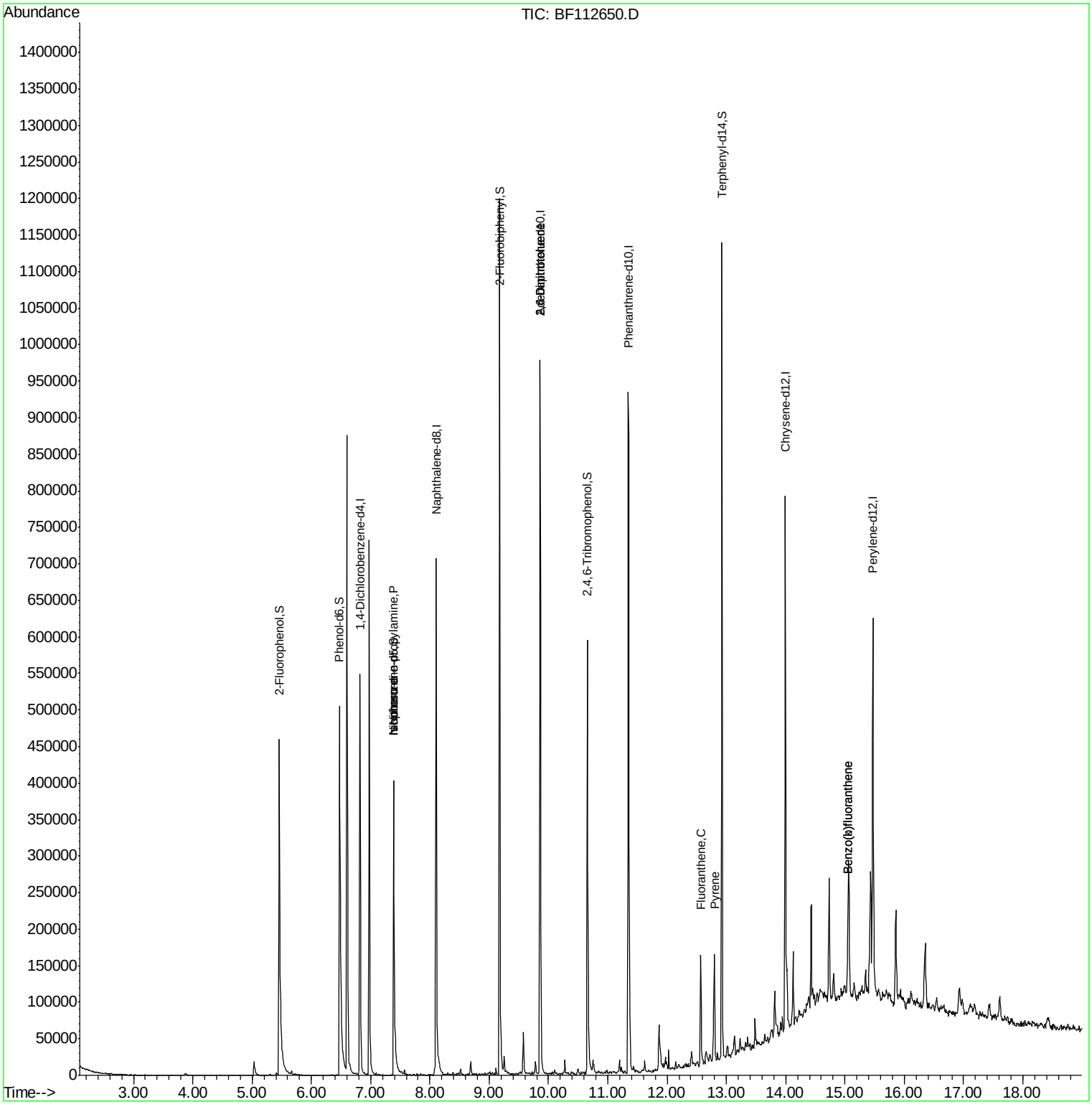
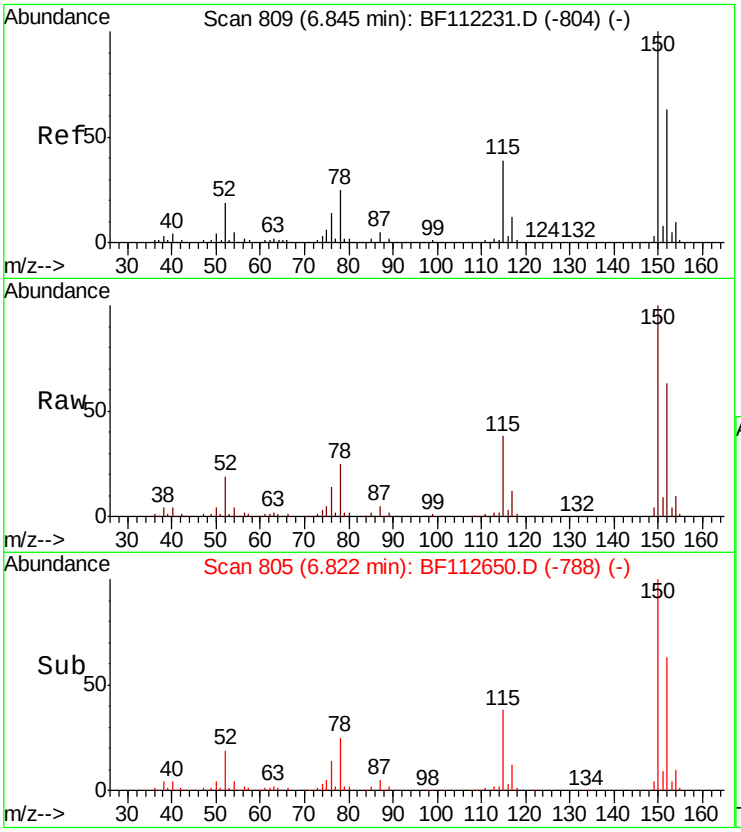
ClientSampleId :

Quant Time: Feb 21 15:32:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 21 12:57:17 2019
Response via : Initial Calibration



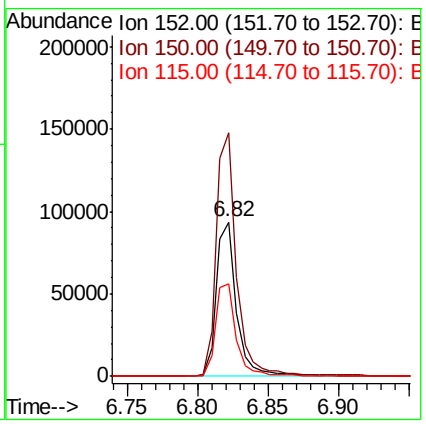


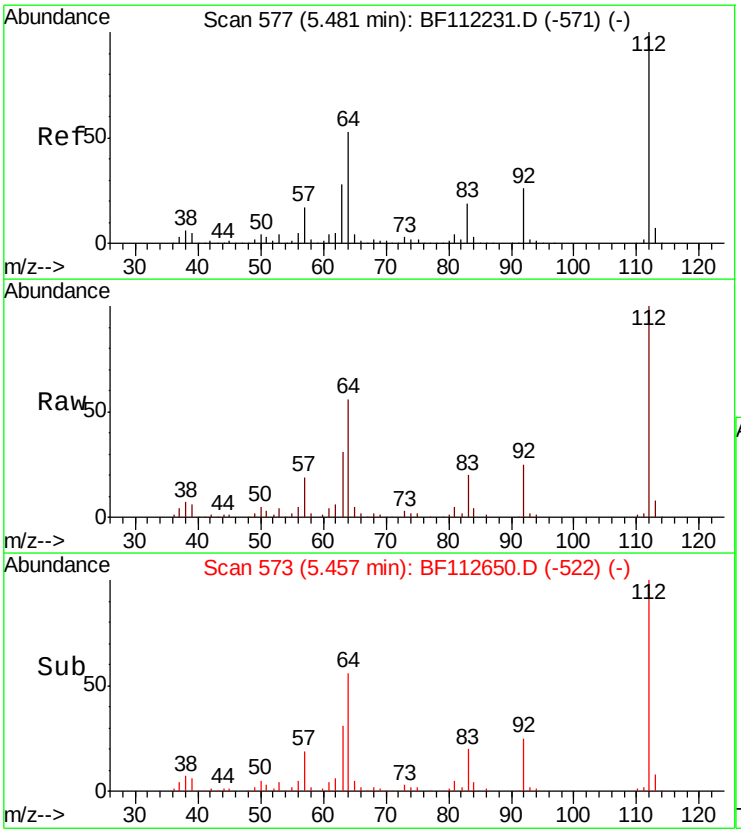
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 93195

Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.4	191.0
115	59.8	45.5	68.3

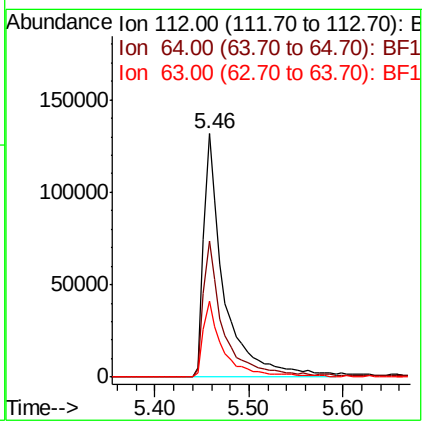


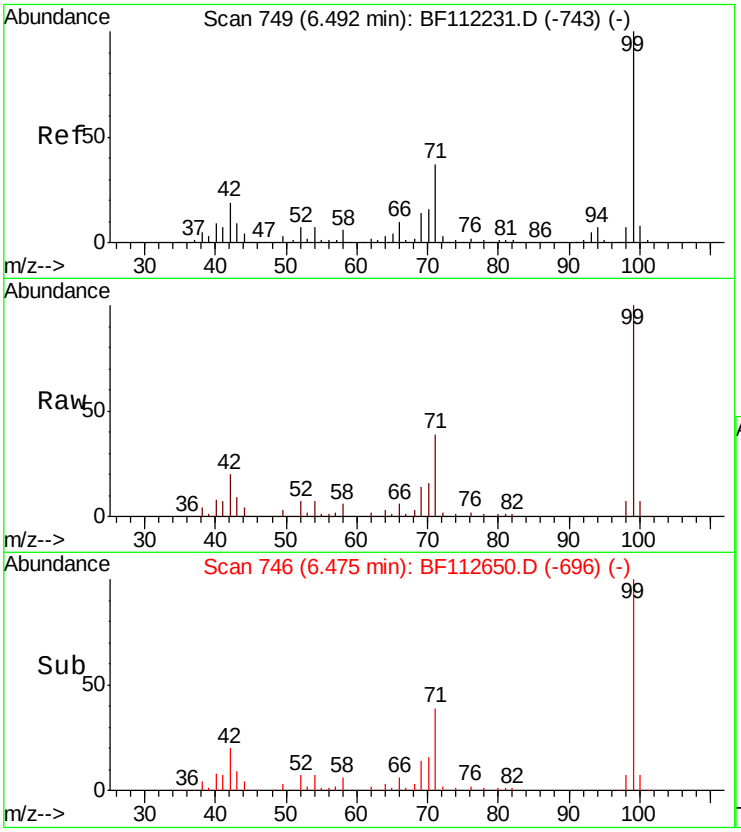


#5
2-Fluorophenol
Concen: 45.606 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion:112 Resp: 200100

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.7	68.5
63	31.0	23.6	35.4



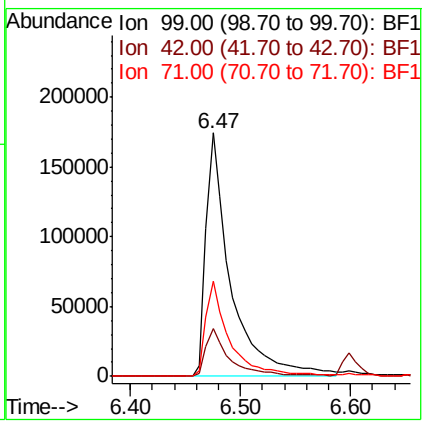


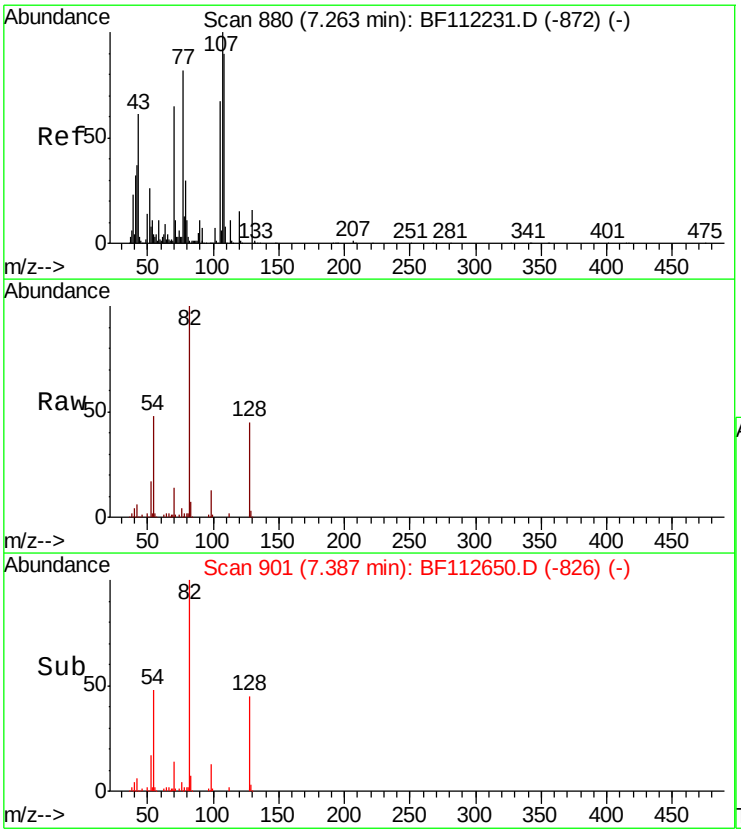
#7
Phenol-d6
Concen: 43.835 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 267251

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.1	22.7
71	39.3	26.9	40.3

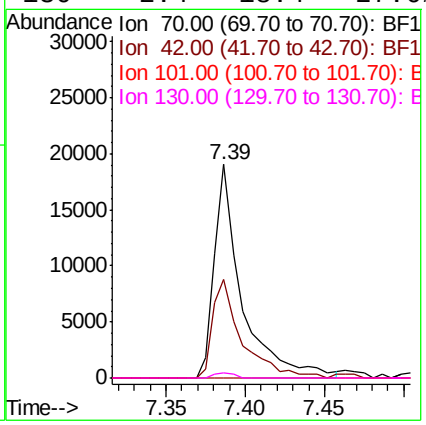


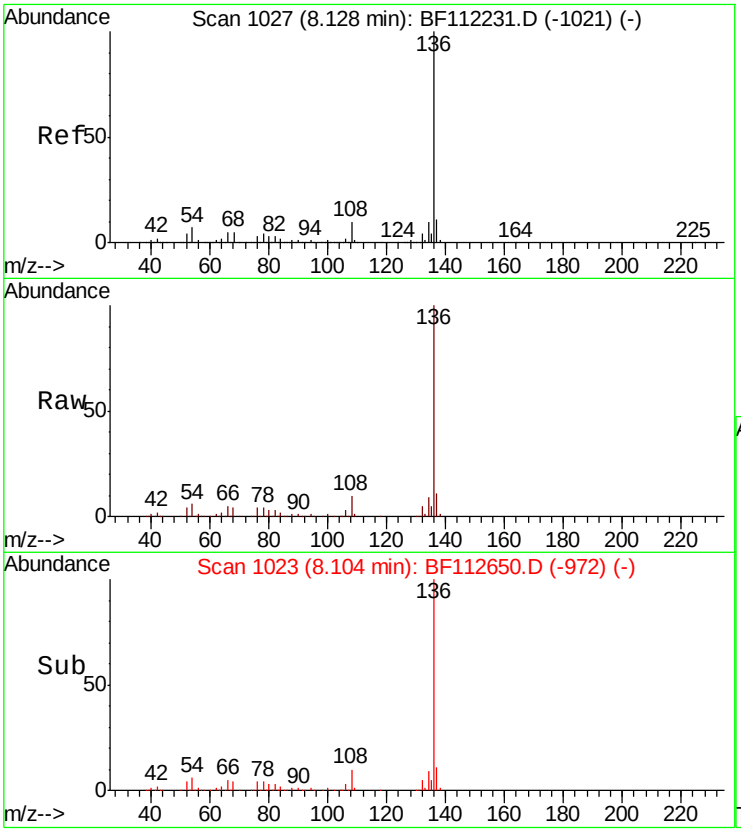


#19
n-Nitroso-di-n-propylamine
Concen: 5.470 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion: 70 Resp: 22994

Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.6	71.4#
101	0.0	7.9	11.9#
130	2.4	18.4	27.6#



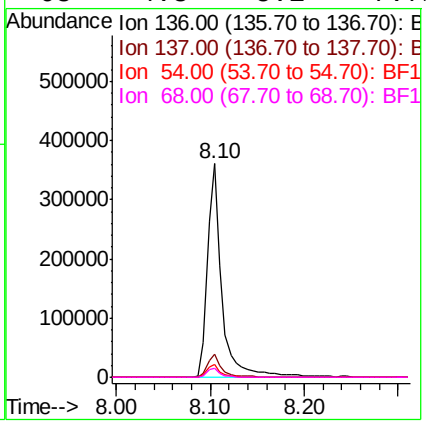


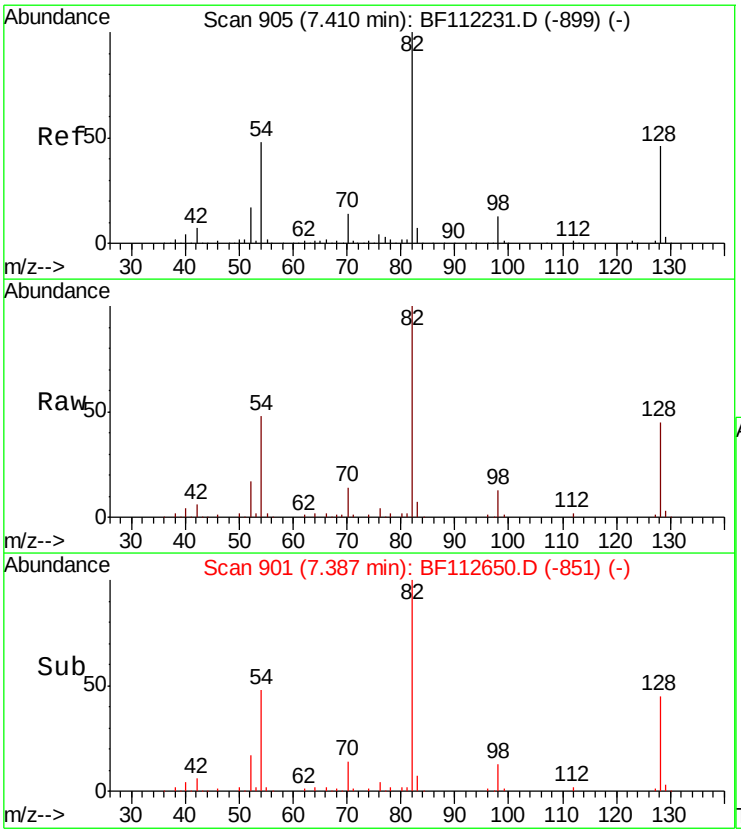
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 391700

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.7	5.9	8.9#
68	4.3	5.1	7.7#

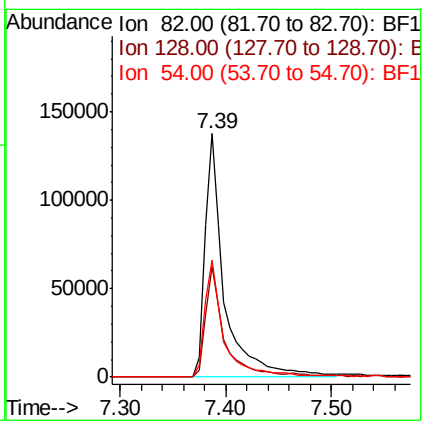


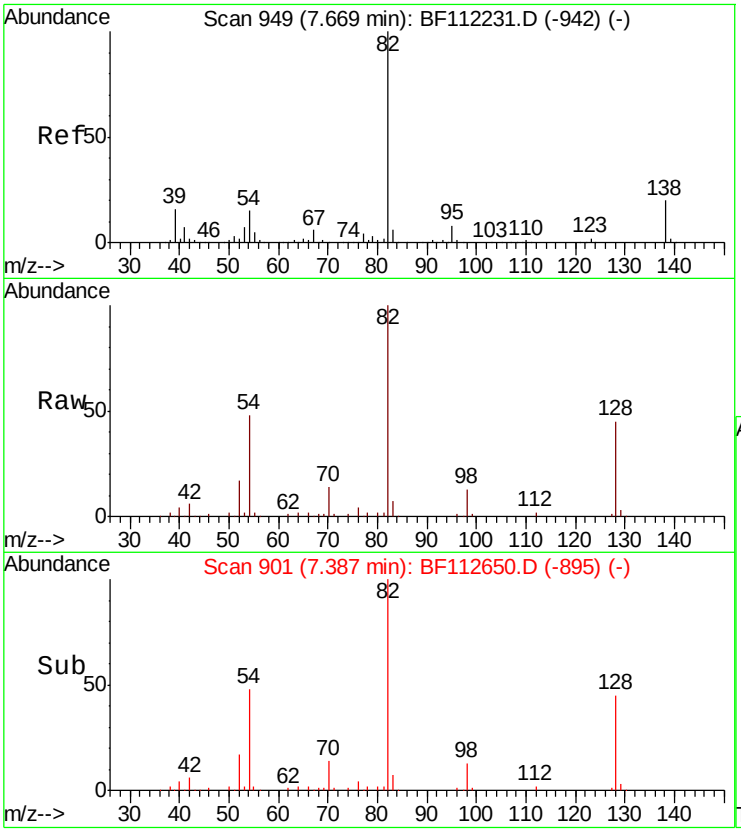


#23
Nitrobenzene-d5
Concen: 25.693 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion: 82 Resp: 174660

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.8	56.8
54	48.2	39.7	59.5



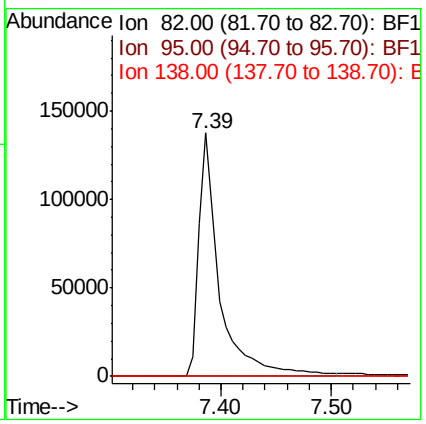


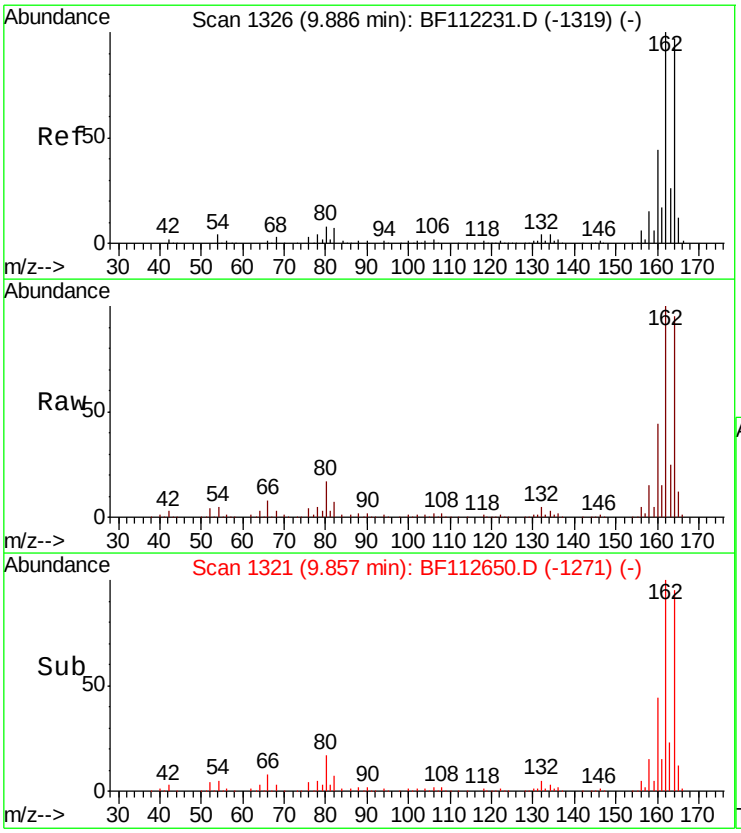
#25
Isophorone
Concen: 16.377 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 174658

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

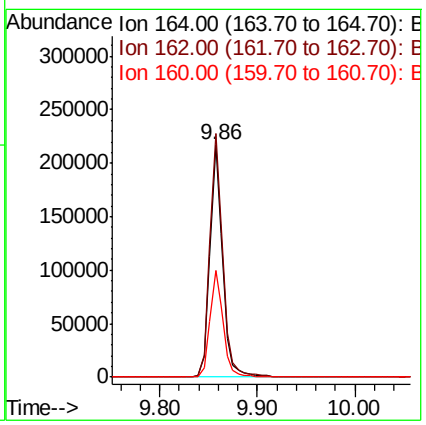


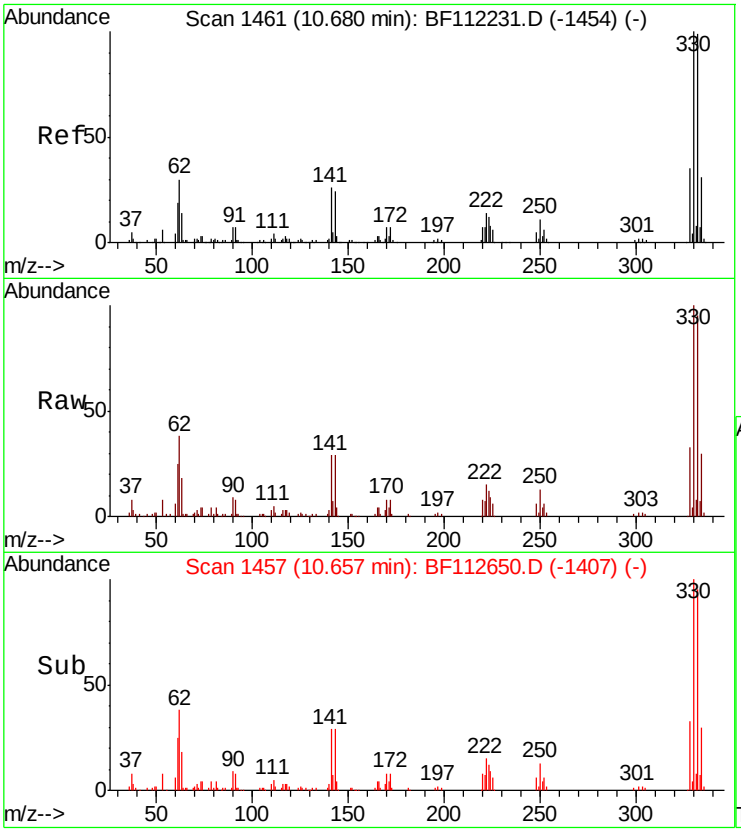


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion:164 Resp: 195886

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.2	123.4
160	45.8	36.2	54.4



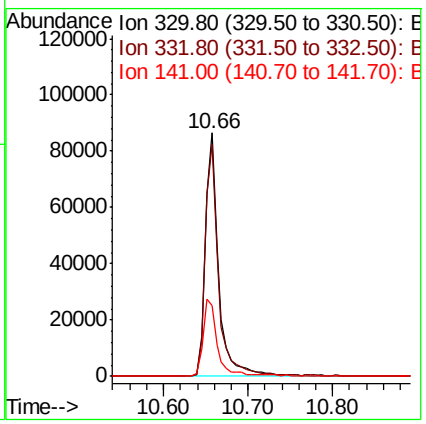


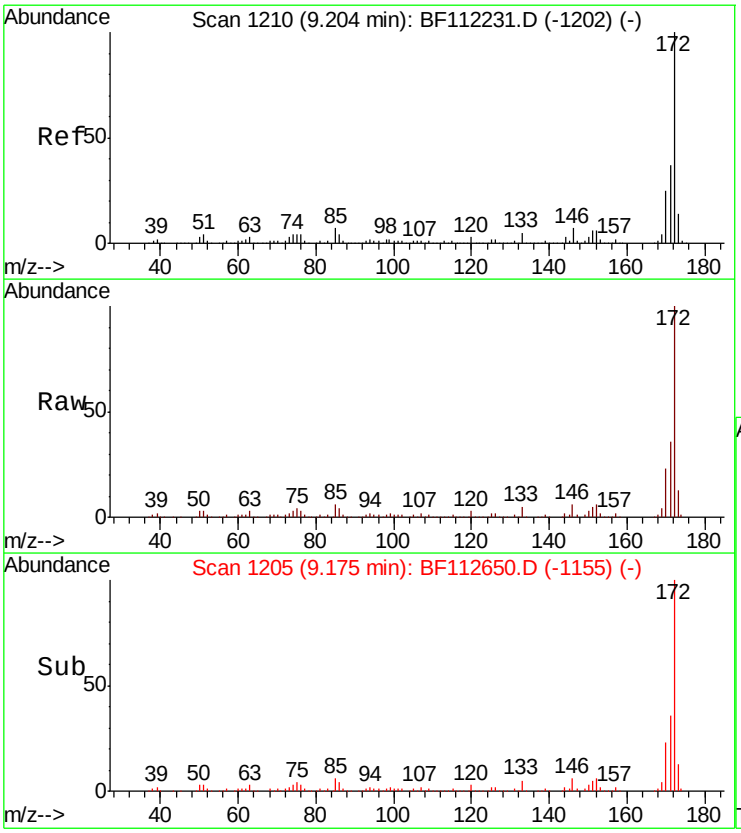
#42
2,4,6-Tribromophenol
Concen: 41.834 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 95384

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	33.9	24.3	36.5

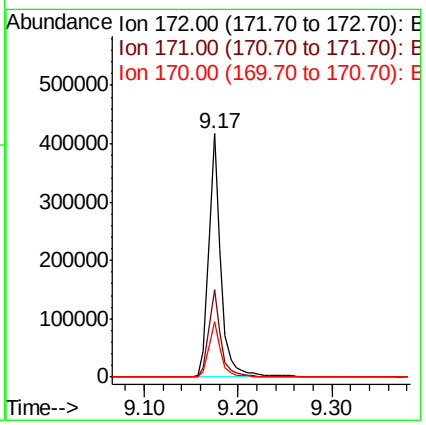


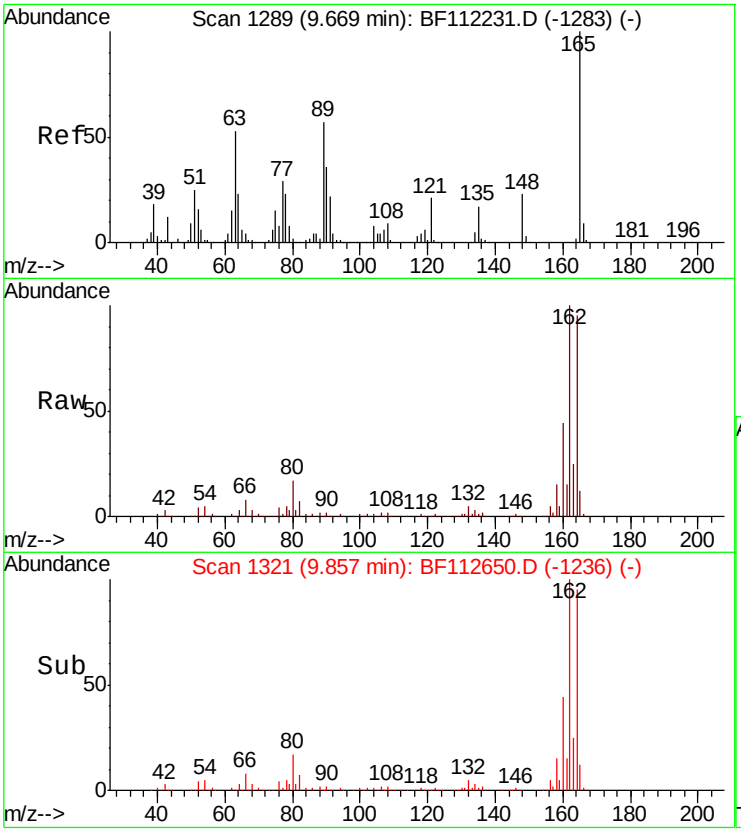


#45
2-Fluorobiphenyl
Concen: 28.094 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion:172 Resp: 389103

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	22.7	20.2	30.4



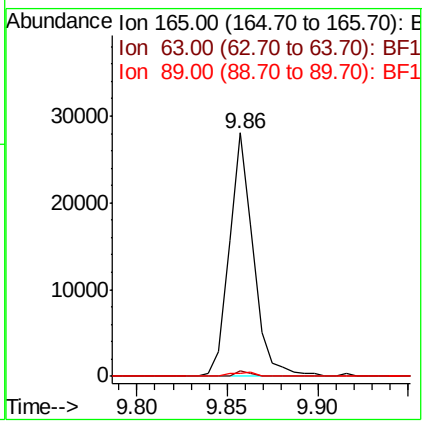


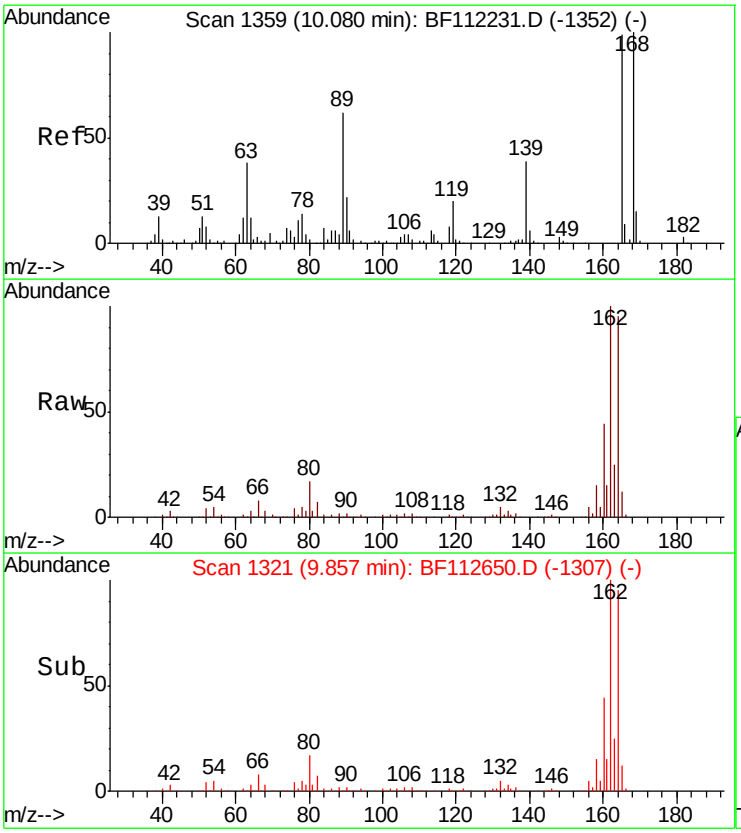
#51
2,6-Dinitrotoluene
Concen: 7.593 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.20 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25880

Ion	Ratio	Lower	Upper
165	100		
63	2.1	33.8	50.8#
89	1.4	36.9	55.3#

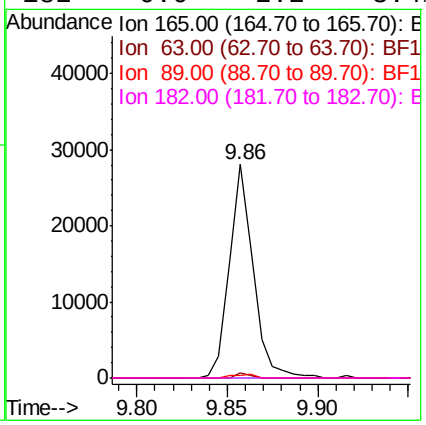


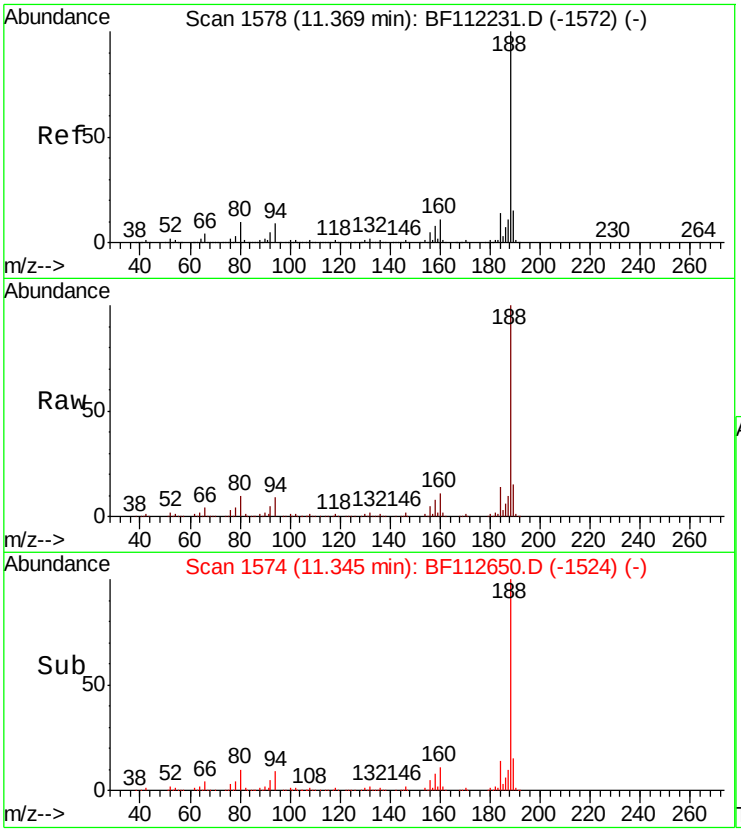


#57
2,4-Dinitrotoluene
Concen: 5.964 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.22 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion:165 Resp: 25880

Ion	Ratio	Lower	Upper
165	100		
63	2.1	27.9	41.9#
89	1.4	47.9	71.9#
182	0.0	2.2	3.4#



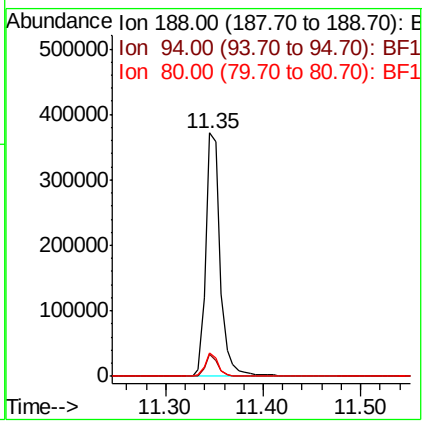


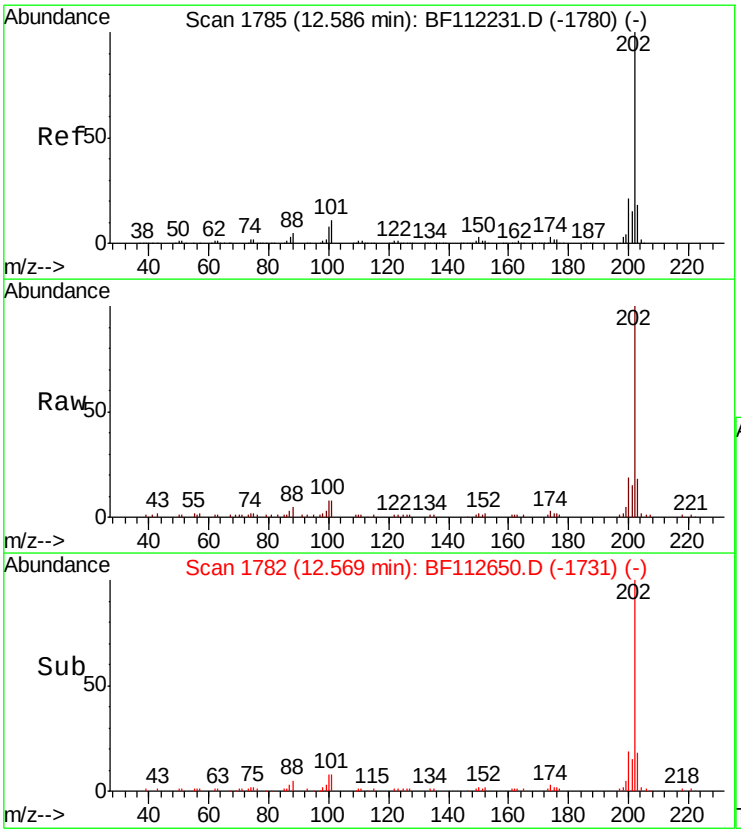
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 381286

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.7	8.9	13.3

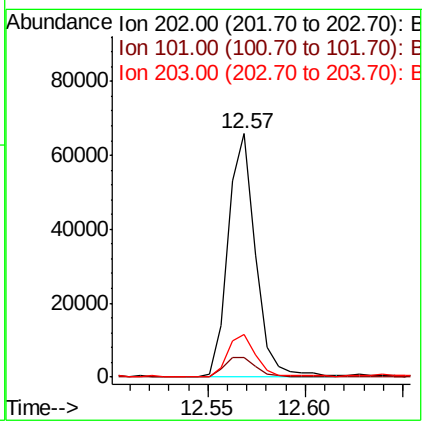


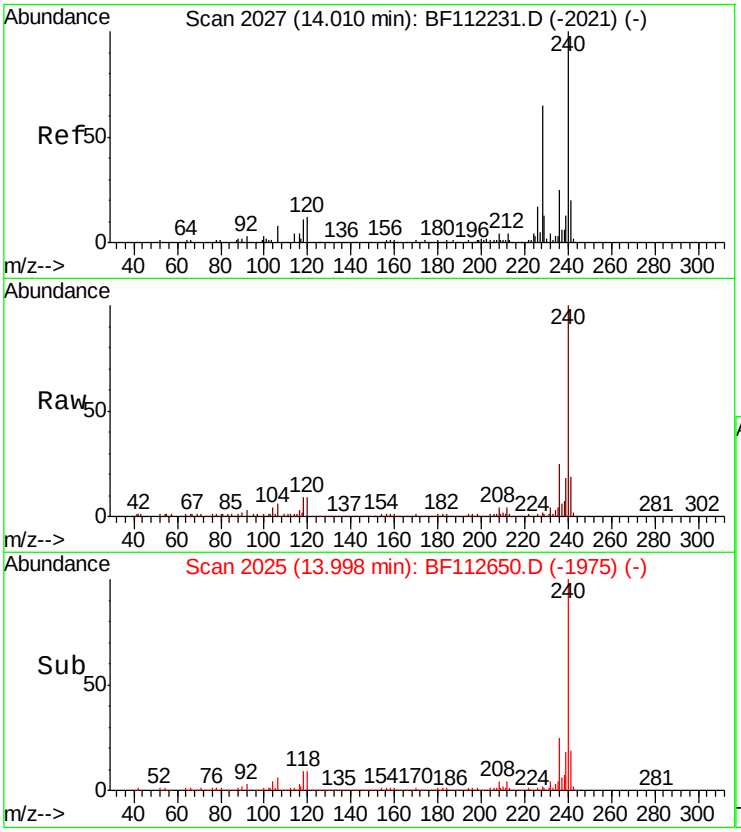


#75
Fluoranthene
Concen: 3.027 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion:202 Resp: 64366

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	31.8
203	17.5	0.0	38.4



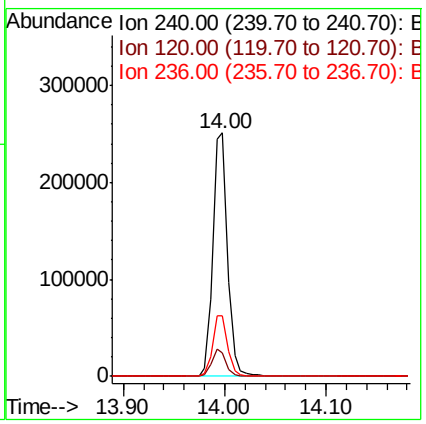


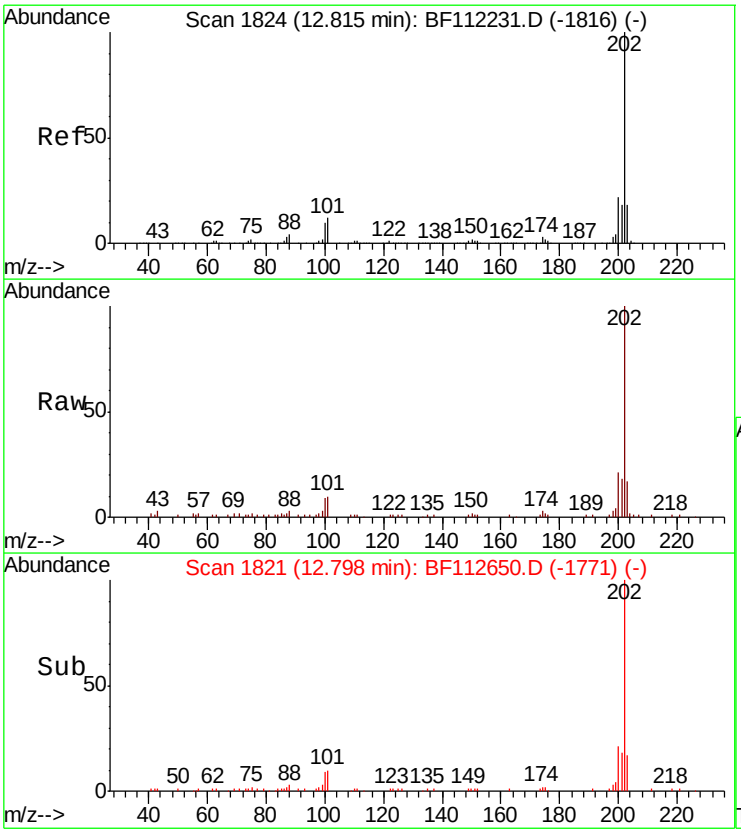
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 254677

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.0	13.6
236	24.9	20.7	31.1

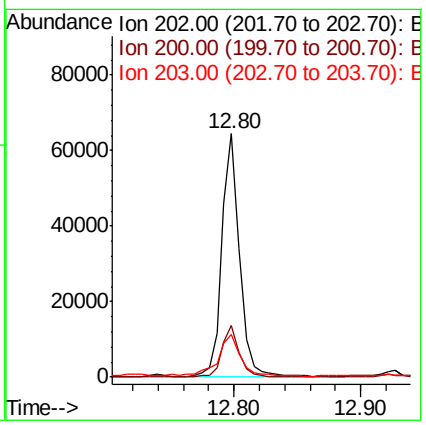


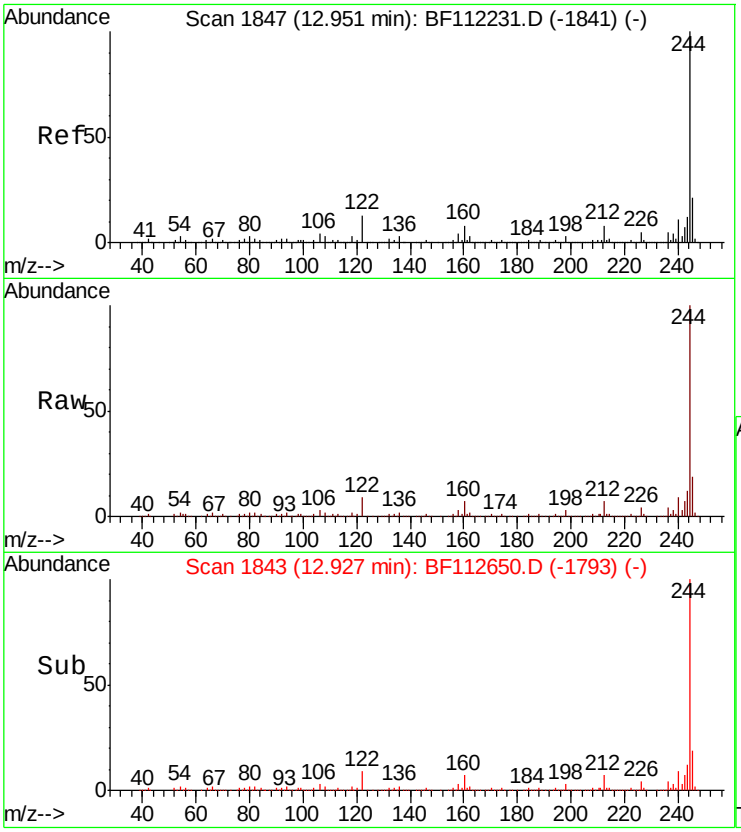


#78
Pyrene
Concen: 3.573 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion:202 Resp: 63008

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.3	14.6	22.0



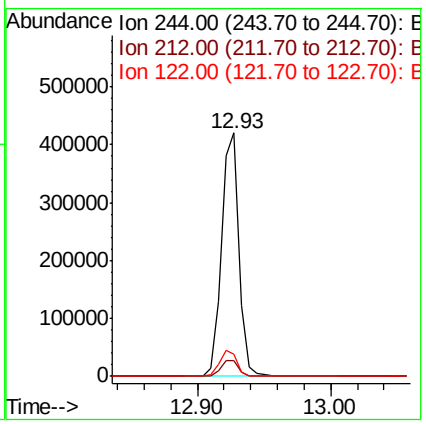


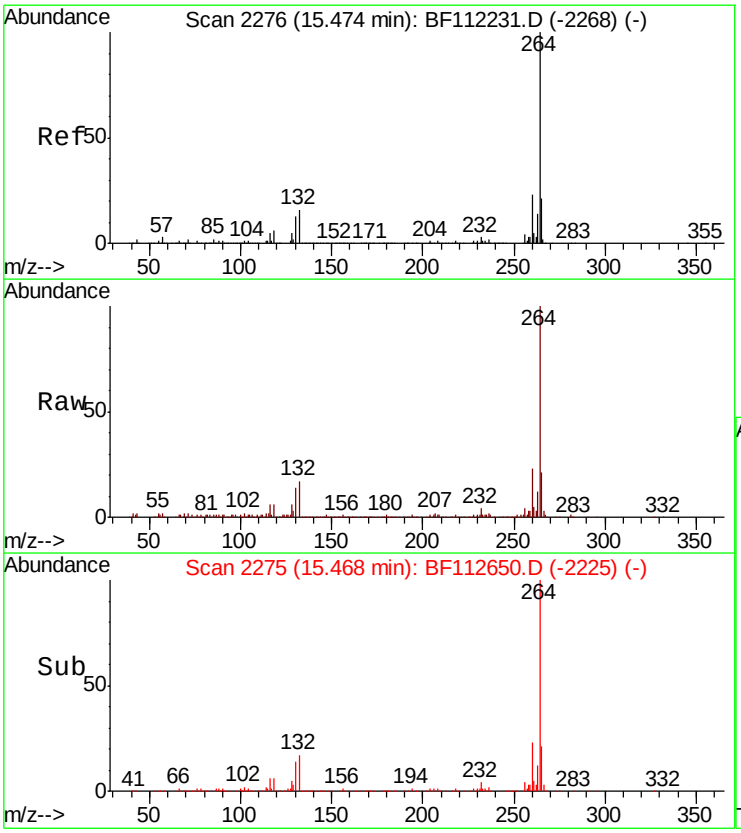
#79
Terphenyl-d14
Concen: 28.581 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 386468

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	9.2	9.8	14.6#

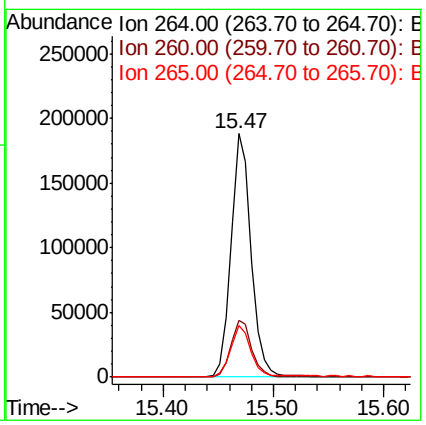


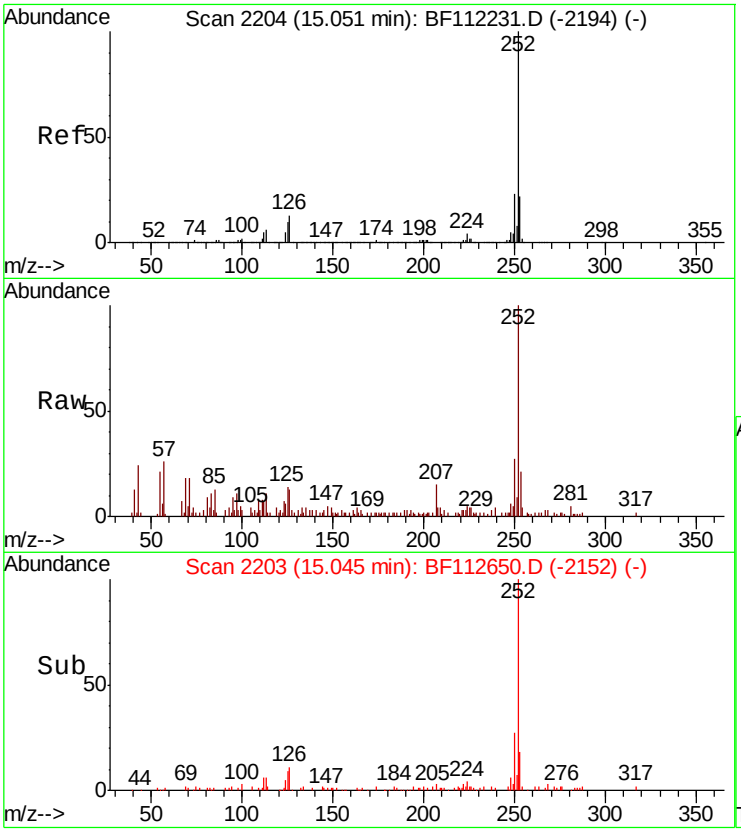


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion:264 Resp: 241400

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.5	17.0	25.4



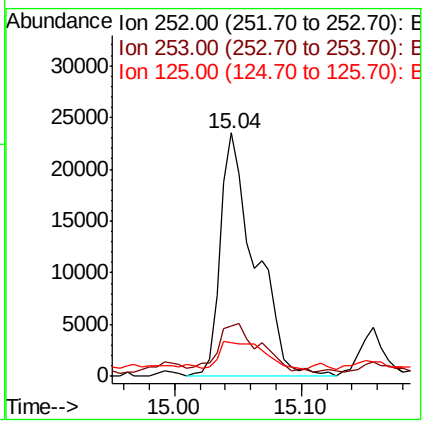


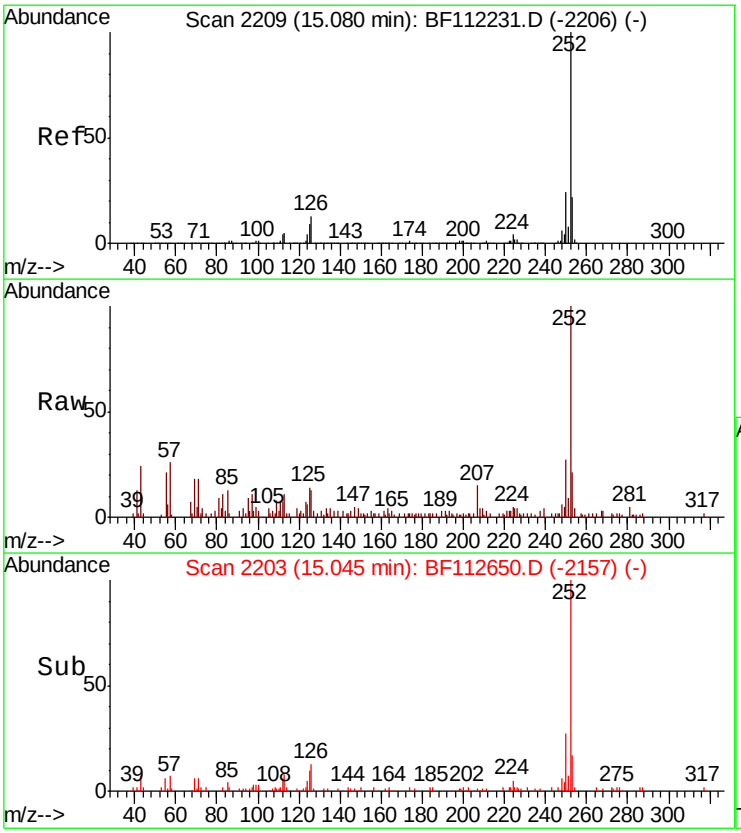
#88
Benzo(b)fluoranthene
Concen: 3.116 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 44982

Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.0	27.0
125	13.6	8.7	13.1#





#89
Benzo(k)fluoranthene
Concen: 3.253 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.03 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion:252 Resp: 44982

Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.0	27.0
125	13.6	9.1	13.7