Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112637.D
Acq On : 20 Feb 2019 13:01
Operator : JU/SJ
Sample : K1528-01DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 20 16:48:44 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	75319	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	304517	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	156335	20.00	ng		-0.03
64) Phenanthrene-d10	11.35	188	314633	20.00	ng		-0.02
76) Chrysene-d12	13.99	240	269437	20.00	ng		-0.02
87) Perylene-d12	15.47	264	237905	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	46295	13.06	ng		-0.01
7) Phenol-d6	6.49	99	34363	6.97	ng		0.00
23) Nitrobenzene-d5	7.39	82	88887	16.82	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	45390	24.94	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	199963	18.09	ng		-0.03
79) Terphenyl-d14	12.92	244	247995	17.34	ng		-0.03
Target Compounds							Qvalue
3) Pyridine	3.53	79	10230	2.847	ng	#	47
9) Benzaldehyde	6.37	77	80636	31.310	ng	#	1
18) Hexachloroethane	7.35	117	72647	36.184	ng	#	1
19) n-Nitroso-di-n-propylamine	7.39	70	11857	3.490	ng	#	92
22) Acetophenone	7.21	105	65978	8.898	ng	#	55
24) Nitrobenzene	7.38	77	12002	2.274	ng	#	1
25) Isophorone	7.39	82	88887	10.721	ng	#	63
31) Naphthalene	8.13	128	1103804	77.511	ng		99
32) Benzoic acid	7.90	122	19929	8.990	ng	#	88
33) 4-Chloroaniline	8.13	127	154006	24.837	ng	#	35
35) Caprolactam	8.82	113	4279	2.789	ng	#	1
37) 2-Methylnaphthalene	8.82	142	192425	19.738	ng		98
38) 1-Methylnaphthalene	8.92	142	77437	8.287	ng		98
51) 2,6-Dinitrotoluene	9.86	165	19673	7.232	ng	#	32
57) 2,4-Dinitrotoluene	9.86	165	19673	5.681	ng	#	30

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
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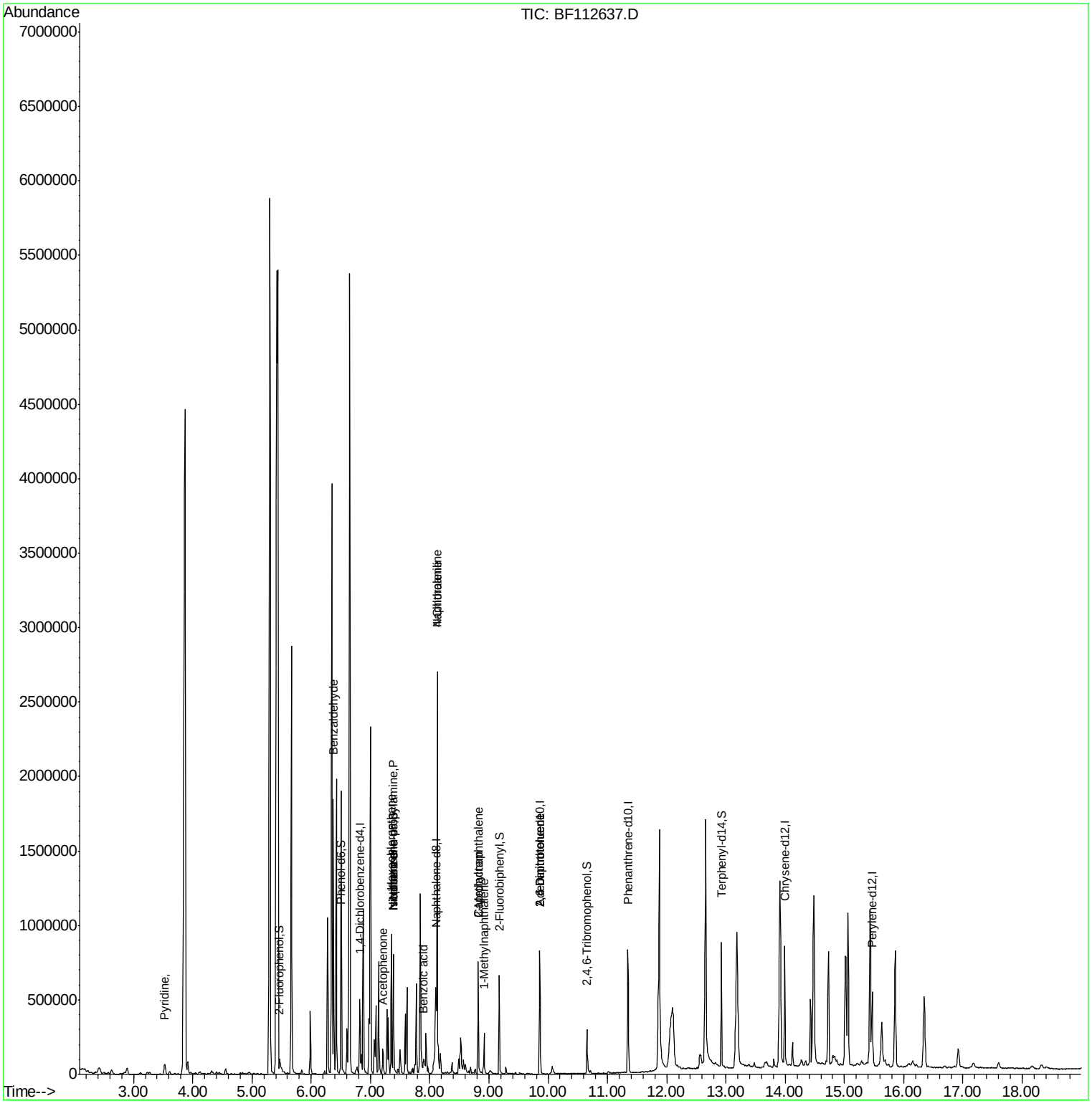
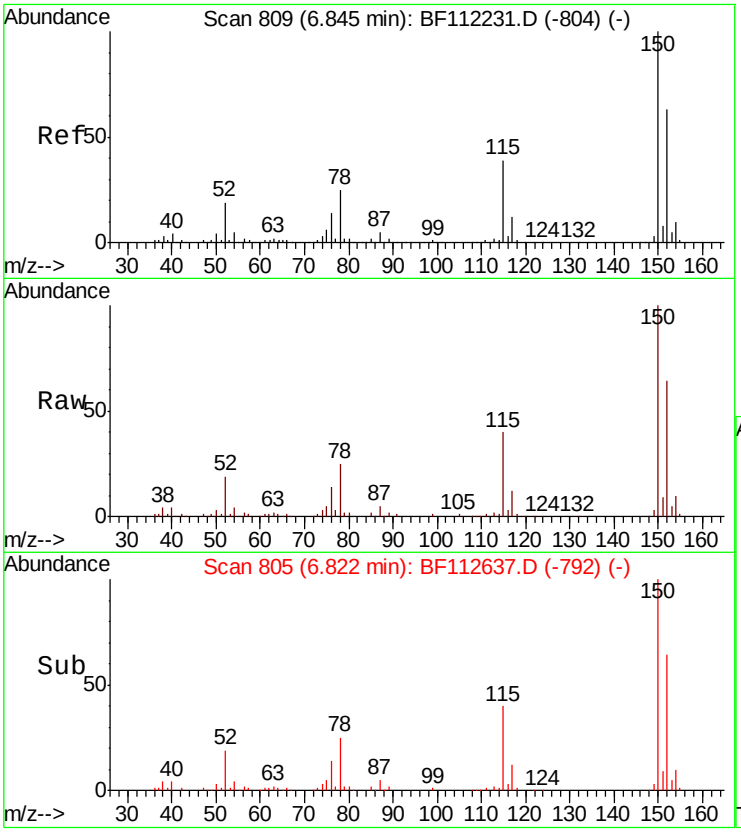


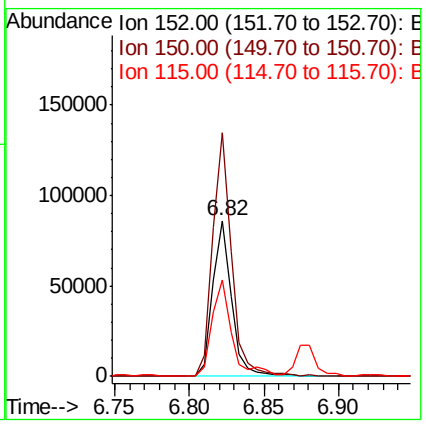


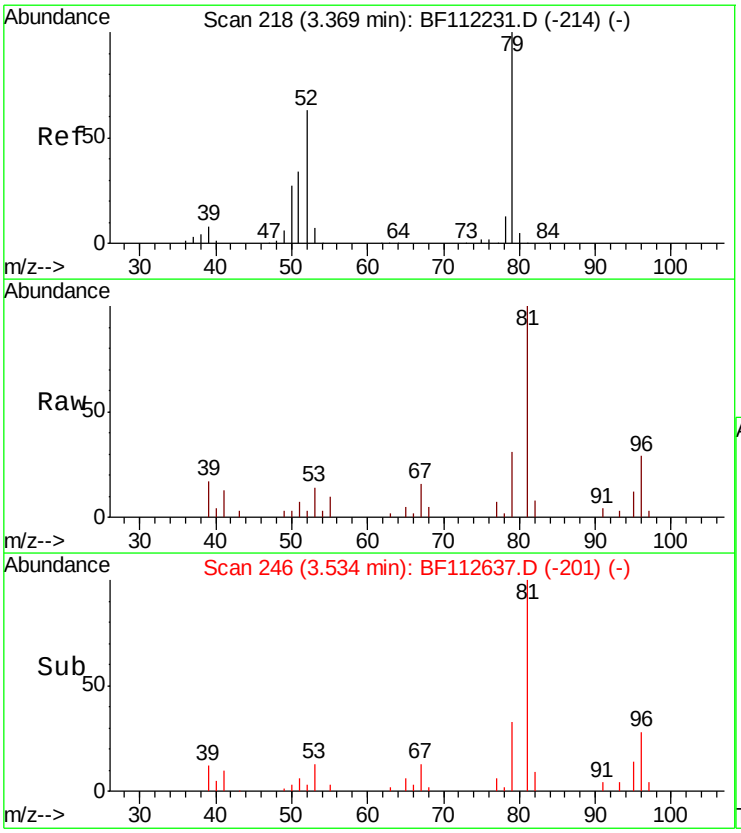
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 75319

Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.4	191.0
115	61.9	45.5	68.3

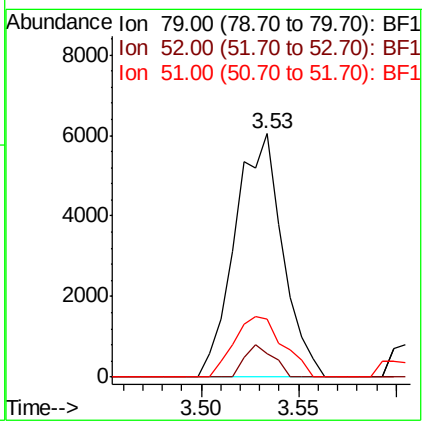


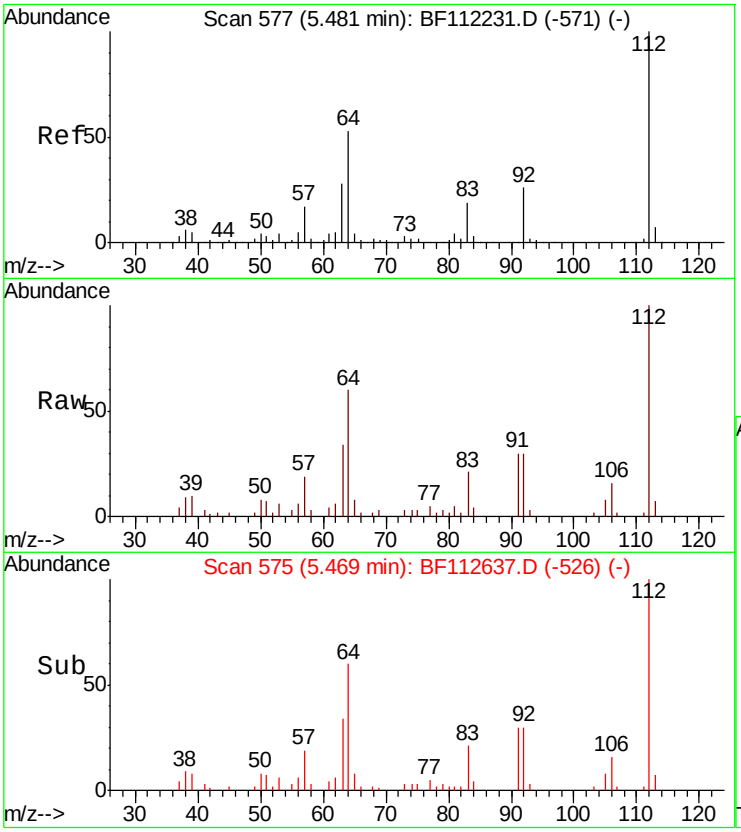


#3
Pyridine
Concen: 2.847 ng
RT: 3.53 min Scan# 246
Delta R.T. 0.16 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion: 79 Resp: 10230

Ion	Ratio	Lower	Upper
79	100		
52	9.4	52.4	78.6#
51	23.6	26.1	39.1#



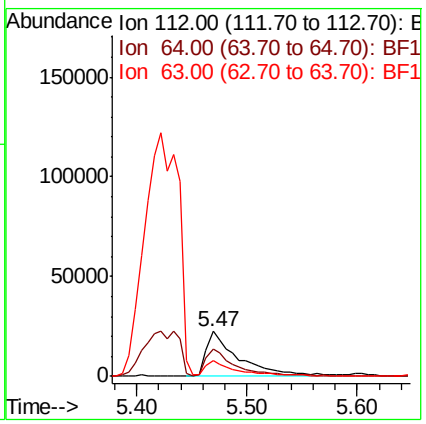


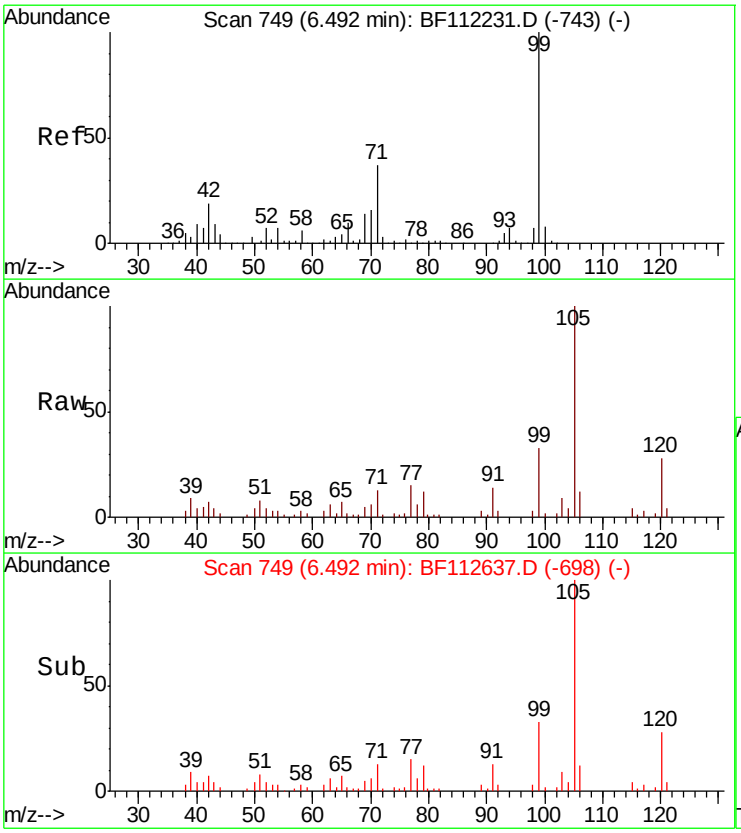
#5
2-Fluorophenol
Concen: 13.056 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 46295

Ion	Ratio	Lower	Upper
112	100		
64	59.7	45.7	68.5
63	34.2	23.6	35.4

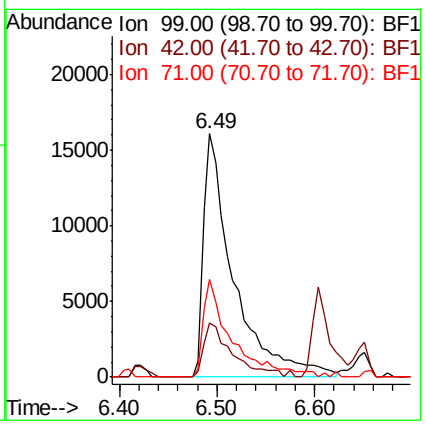


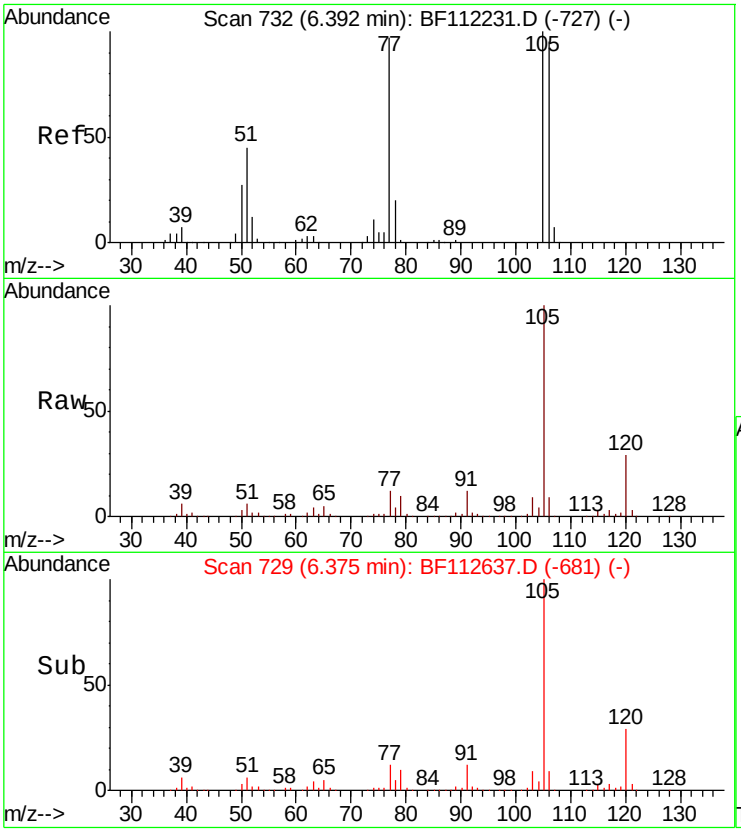


#7
Phenol-d6
Concen: 6.974 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion: 99 Resp: 34363

Ion	Ratio	Lower	Upper
99	100		
42	22.0	15.1	22.7
71	40.1	26.9	40.3



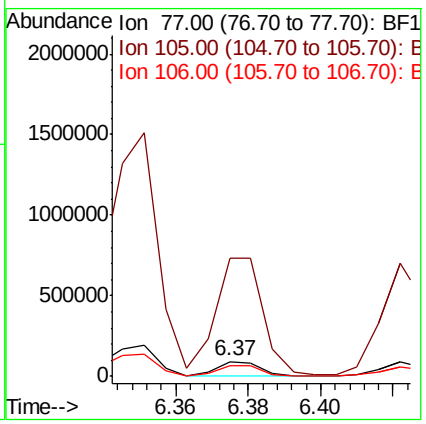


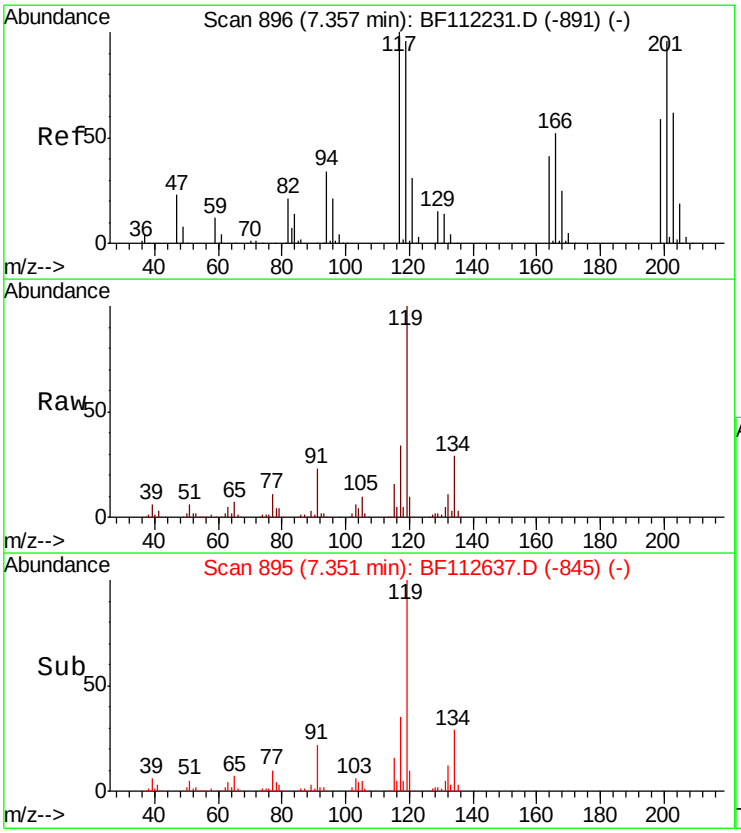
#9
Benzaldehyde
Concen: 31.310 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 80636

Ion	Ratio	Lower	Upper
77	100		
105	814.5	80.8	120.8#
106	73.8	75.7	115.7#

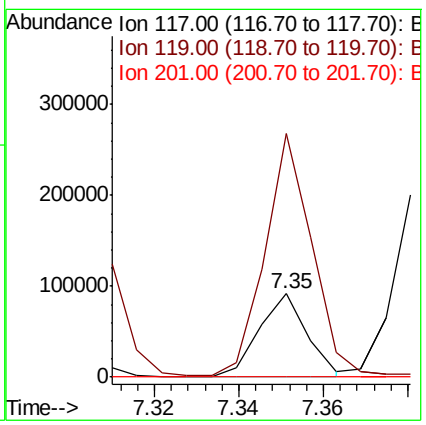


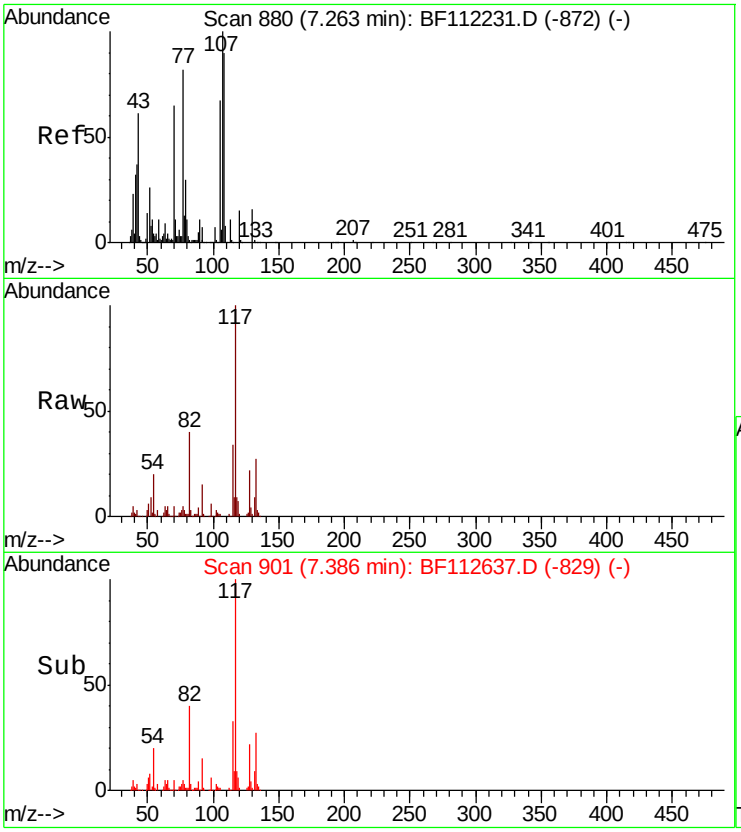


#18
Hexachloroethane
Concen: 36.184 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion:117 Resp: 72647

Ion	Ratio	Lower	Upper
117	100		
119	292.4	77.0	115.4#
201	0.0	74.1	111.1#



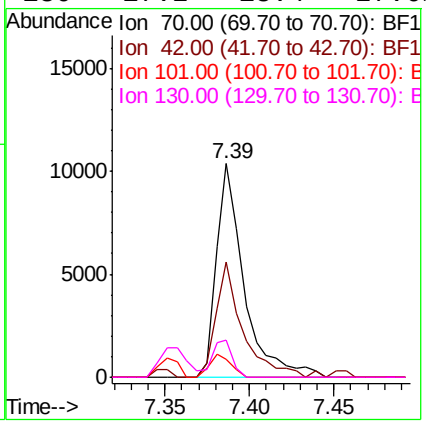


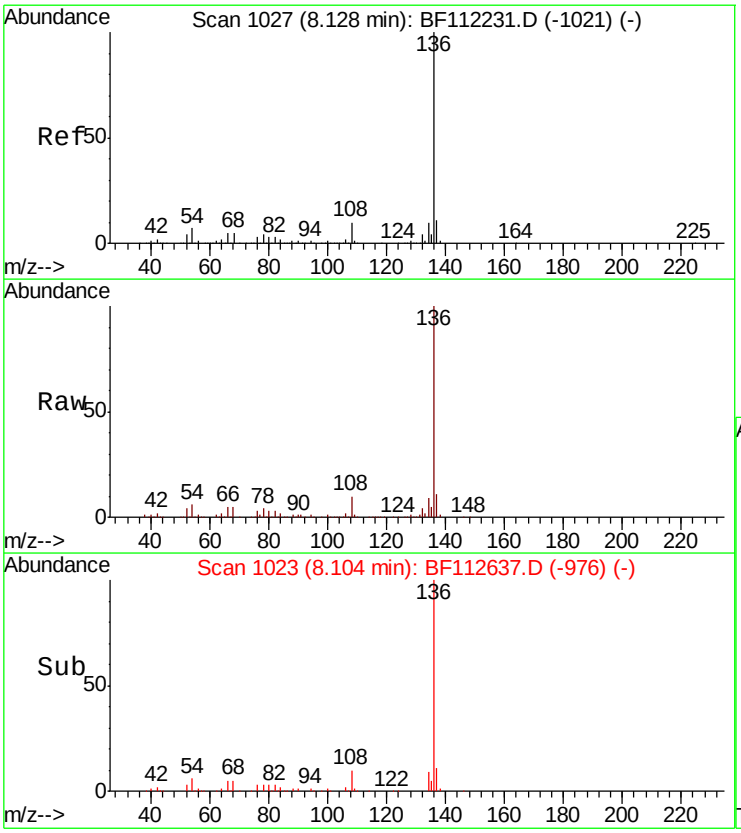
#19
n-Nitroso-di-n-propylamine
Concen: 3.490 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 11857

Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.6	71.4
101	8.5	7.9	11.9
130	17.2	18.4	27.6#

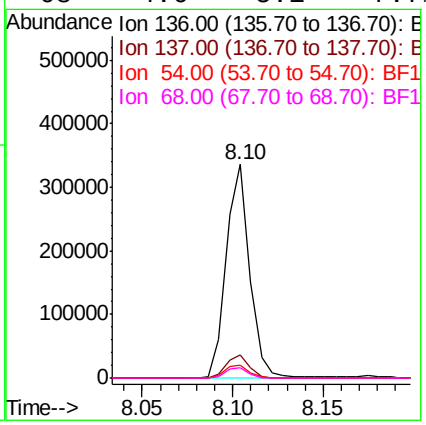


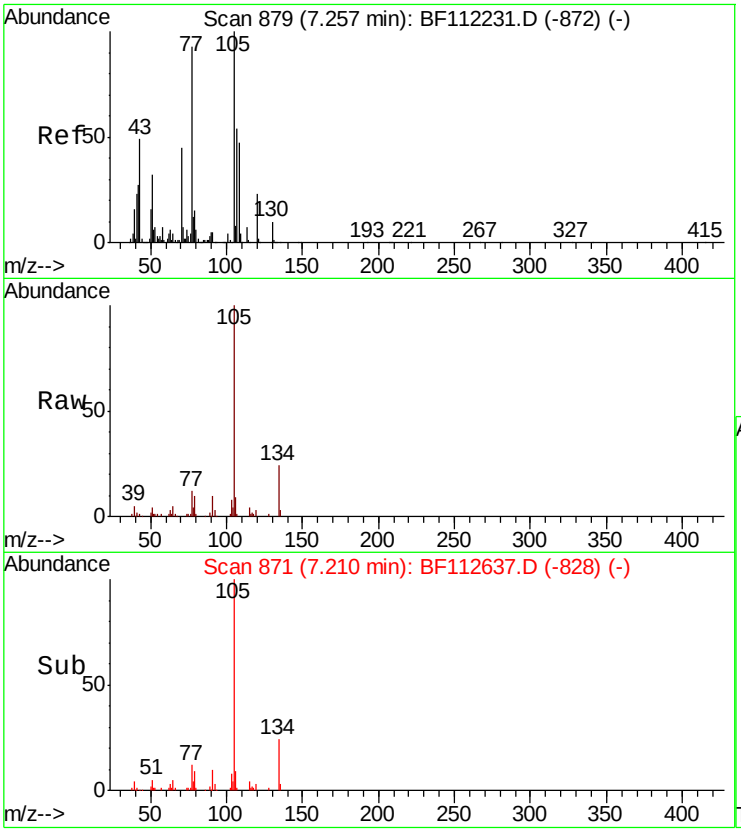


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion:136 Resp: 304517

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.0	5.9	8.9
68	4.6	5.1	7.7#



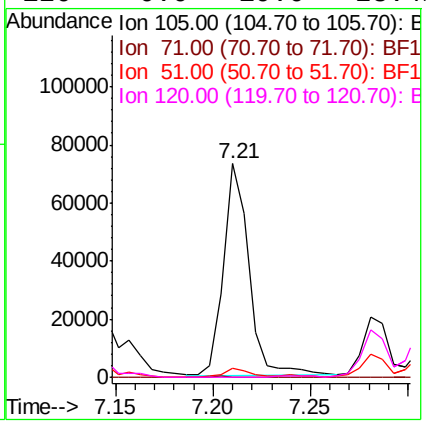


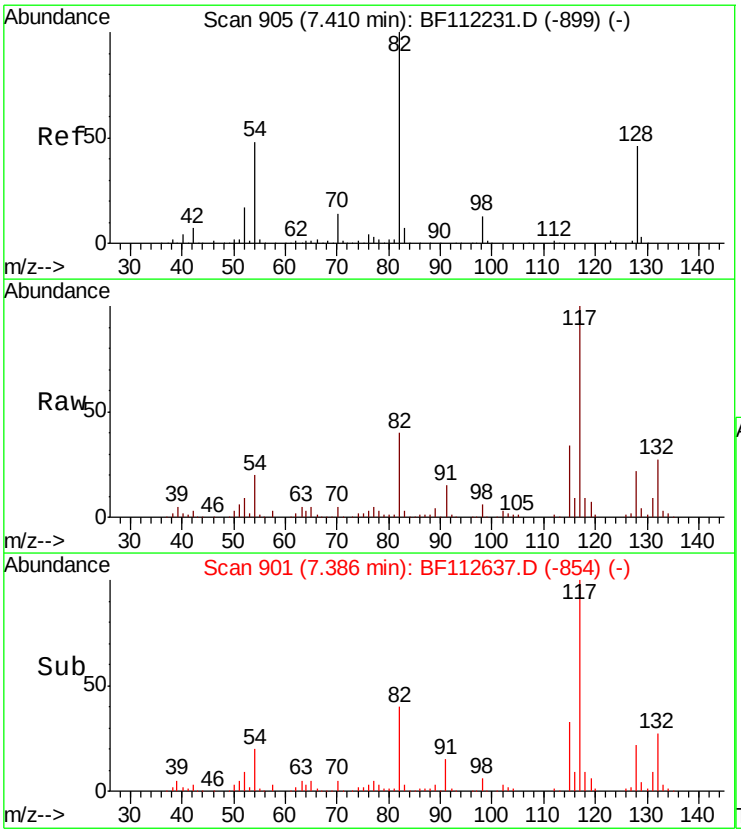
#22
Acetophenone
Concen: 8.898 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.05 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 65978

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.6	6.8#
51	4.5	25.0	37.6#
120	0.0	19.0	28.4#

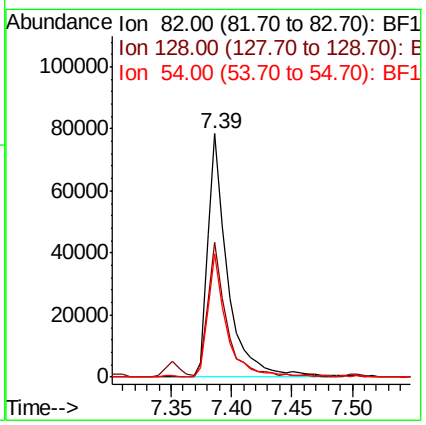


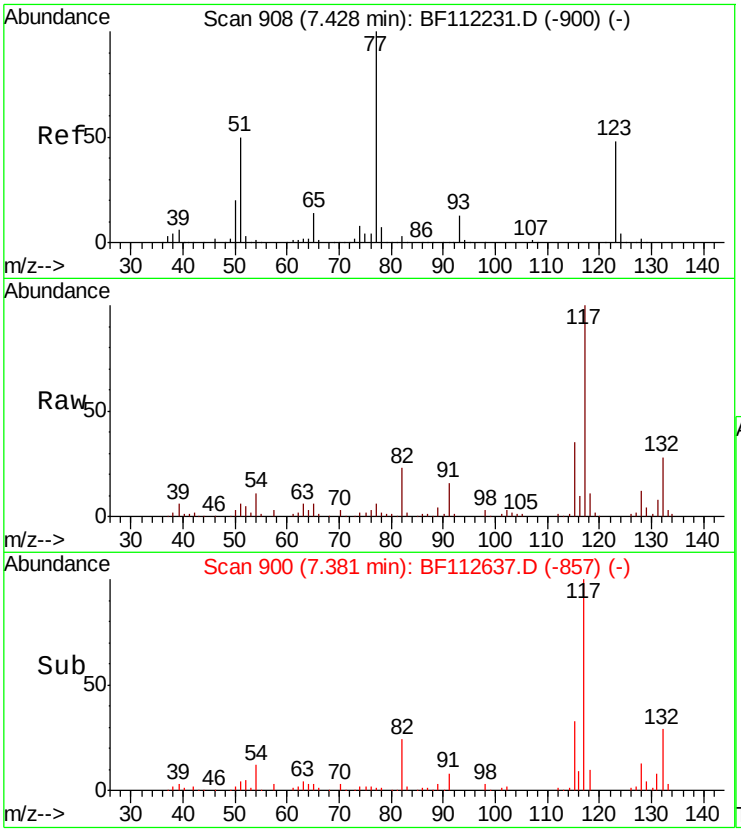


#23
Nitrobenzene-d5
Concen: 16.819 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion: 82 Resp: 88887

Ion	Ratio	Lower	Upper
82	100		
128	55.4	37.8	56.8
54	50.4	39.7	59.5



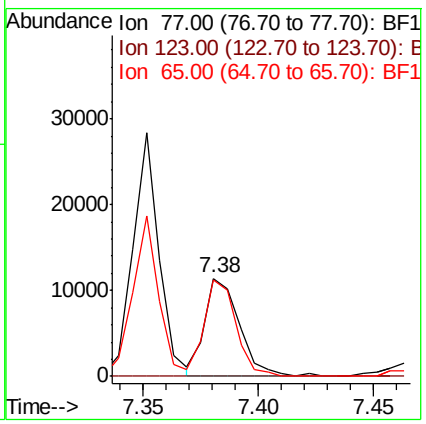


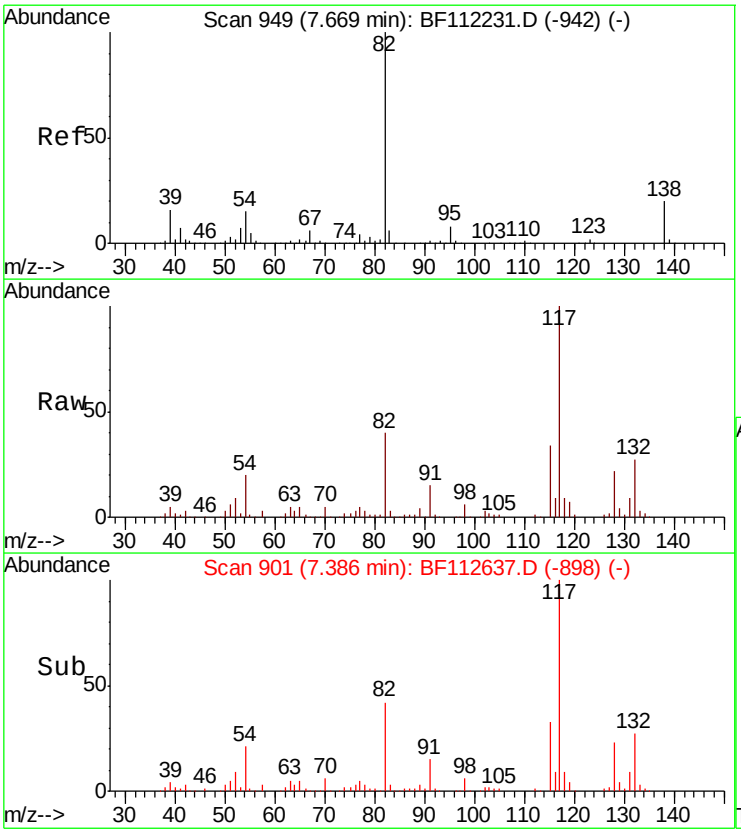
#24
Nitrobenzene
Concen: 2.274 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.05 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 12002

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.4	57.6#
65	98.4	10.6	15.8#

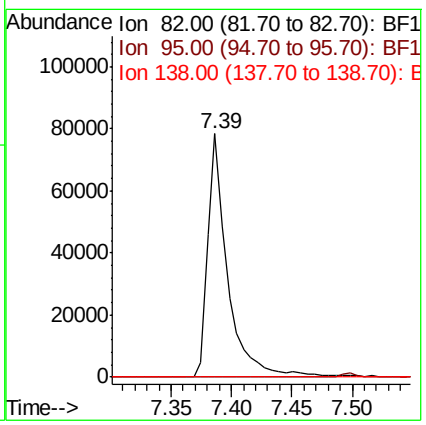


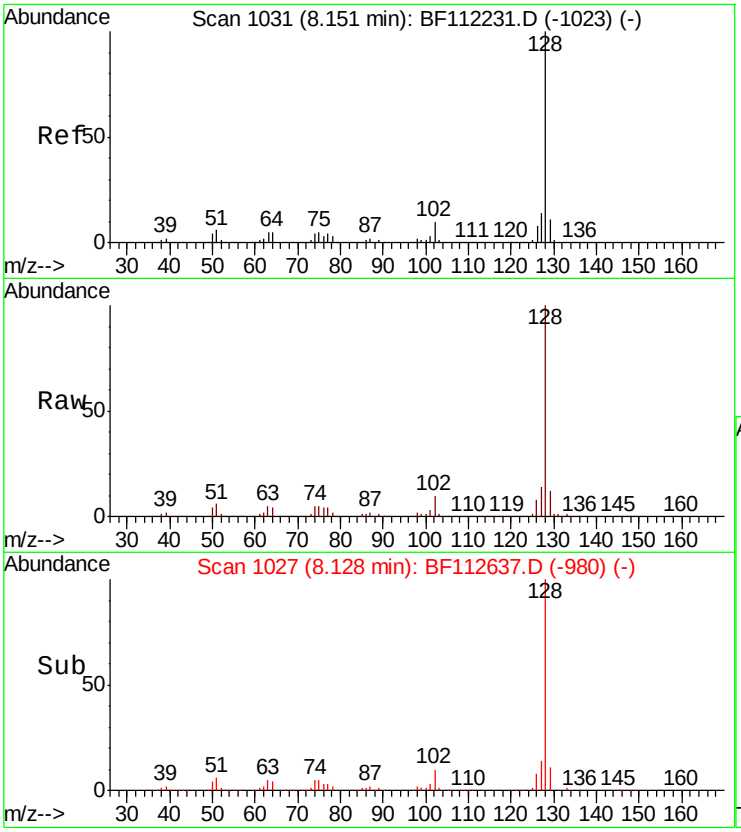


#25
Isophorone
Concen: 10.721 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion: 82 Resp: 88887

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



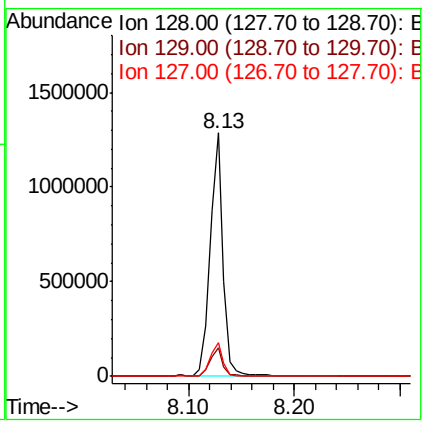


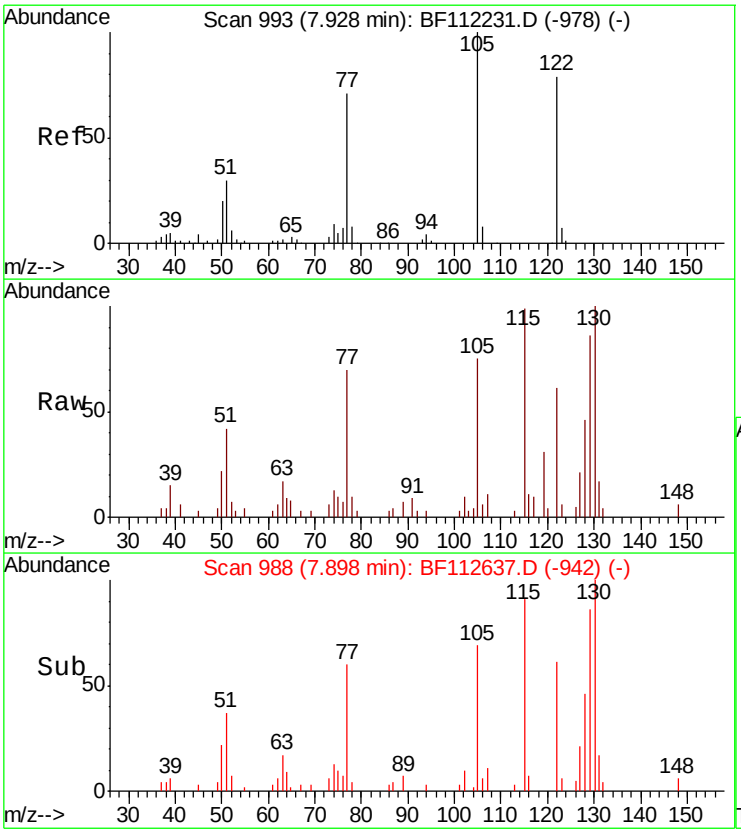
#31
Naphthalene
Concen: 77.511 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1103804

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.9	11.1	16.7

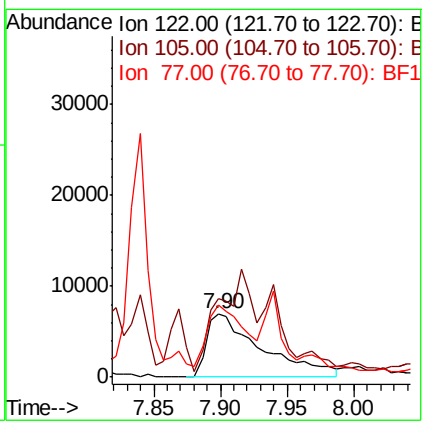


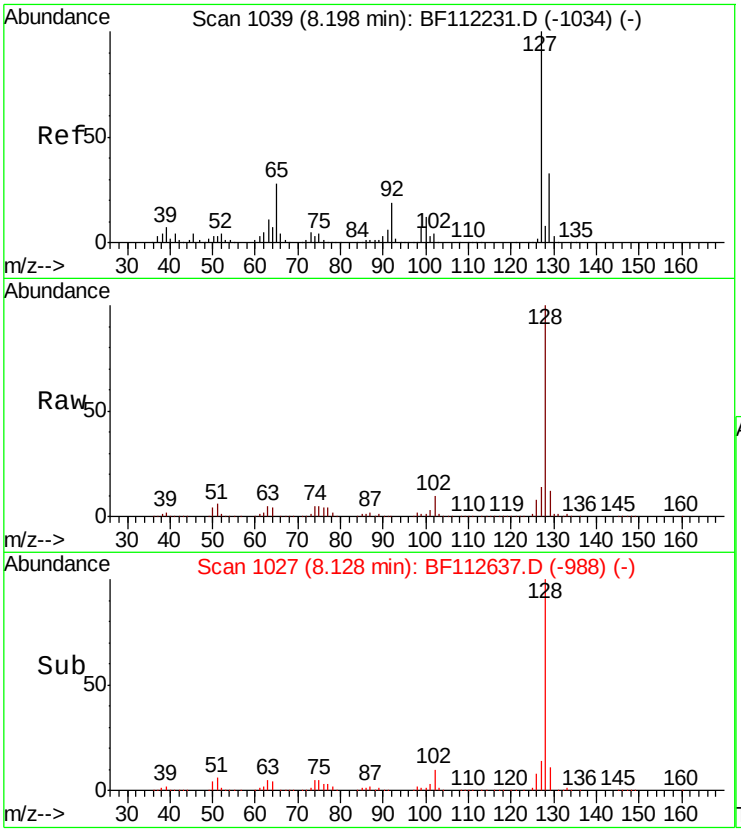


#32
Benzoic acid
Concen: 8.990 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion:122 Resp: 19929

Ion	Ratio	Lower	Upper
122	100		
105	123.1	101.2	141.2
77	114.2	70.4	110.4#



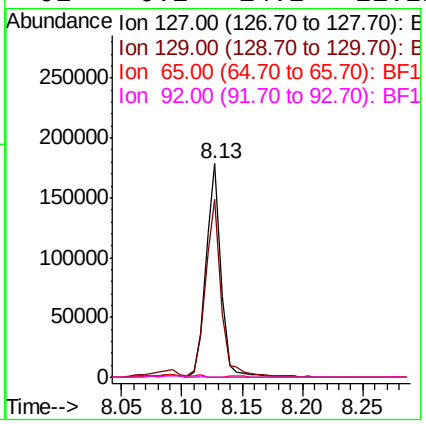


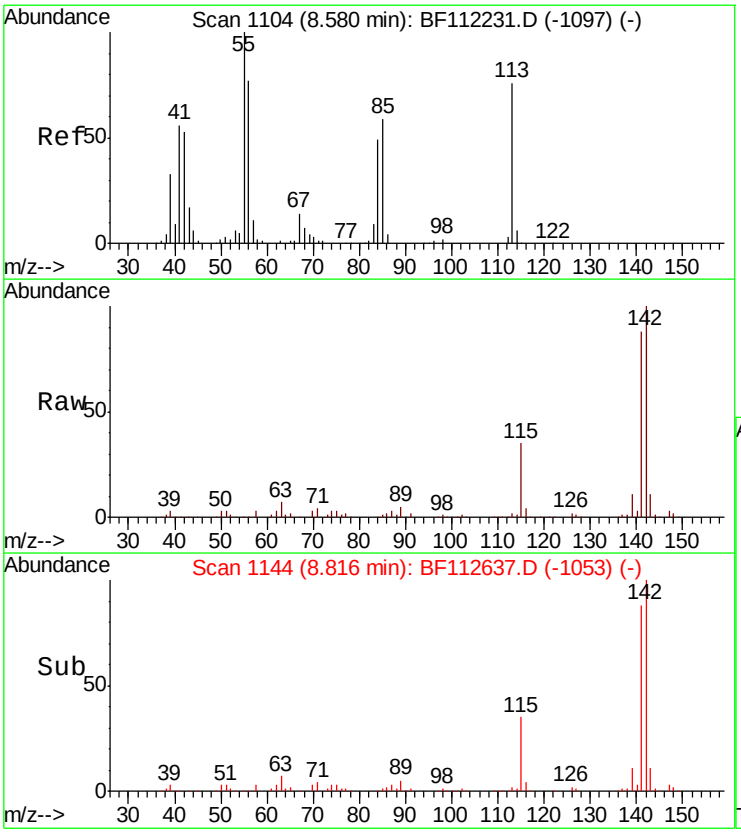
#33
4-Chloroaniline
Concen: 24.837 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.07 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 154006

Ion	Ratio	Lower	Upper
127	100		
129	83.1	26.6	39.8#
65	0.0	21.4	32.2#
92	0.2	14.2	21.2#

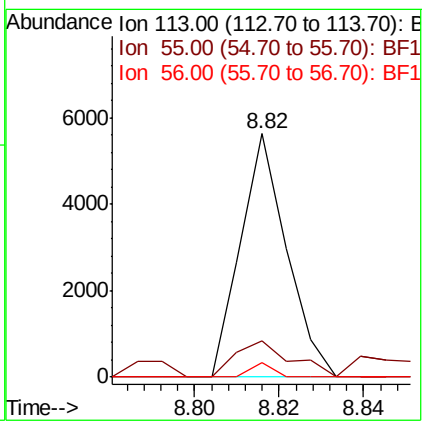


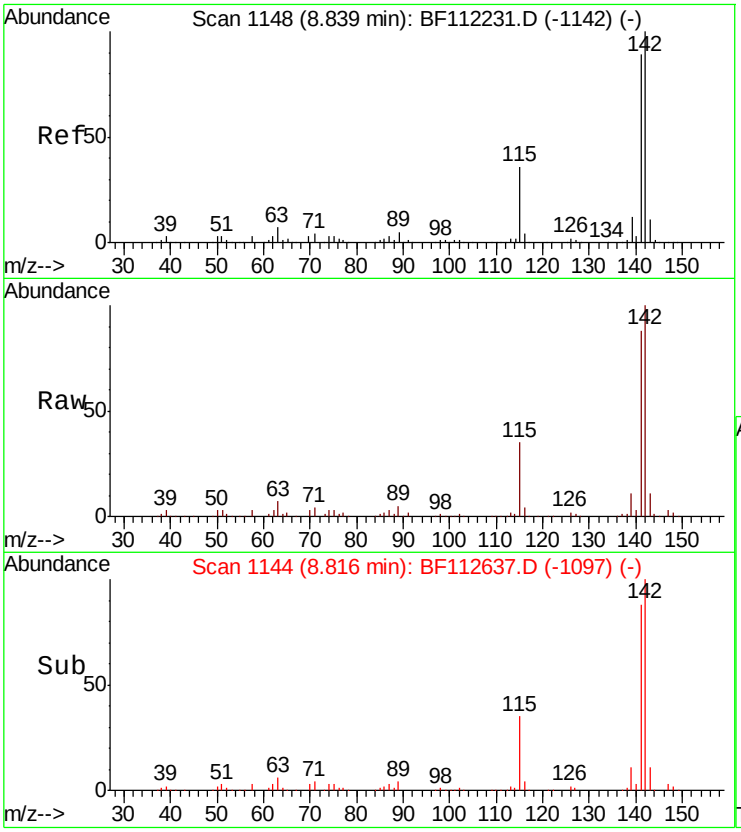


#35
Caprolactam
Concen: 2.789 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.24 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion:113 Resp: 4279

Ion	Ratio	Lower	Upper
113	100		
55	14.9	121.6	161.6#
56	6.2	86.7	126.7#



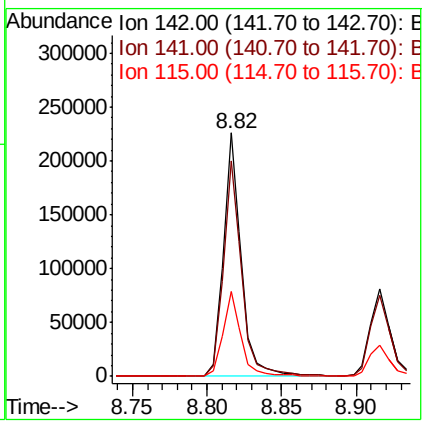


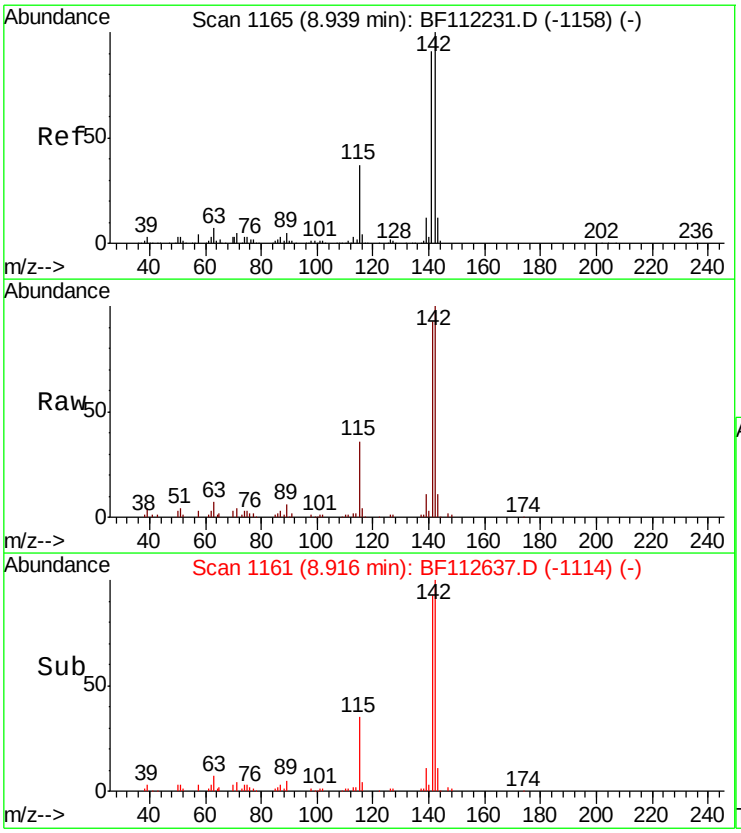
#37
2-Methylnaphthalene
Concen: 19.738 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 192425

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3
115	35.1	24.9	37.3

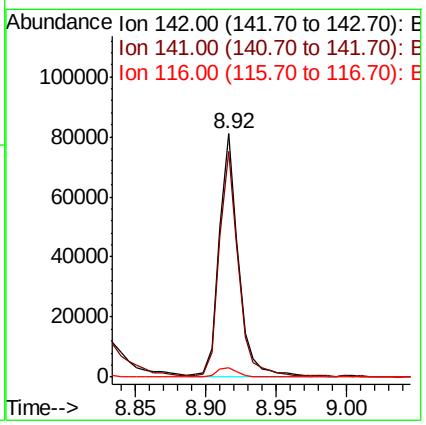


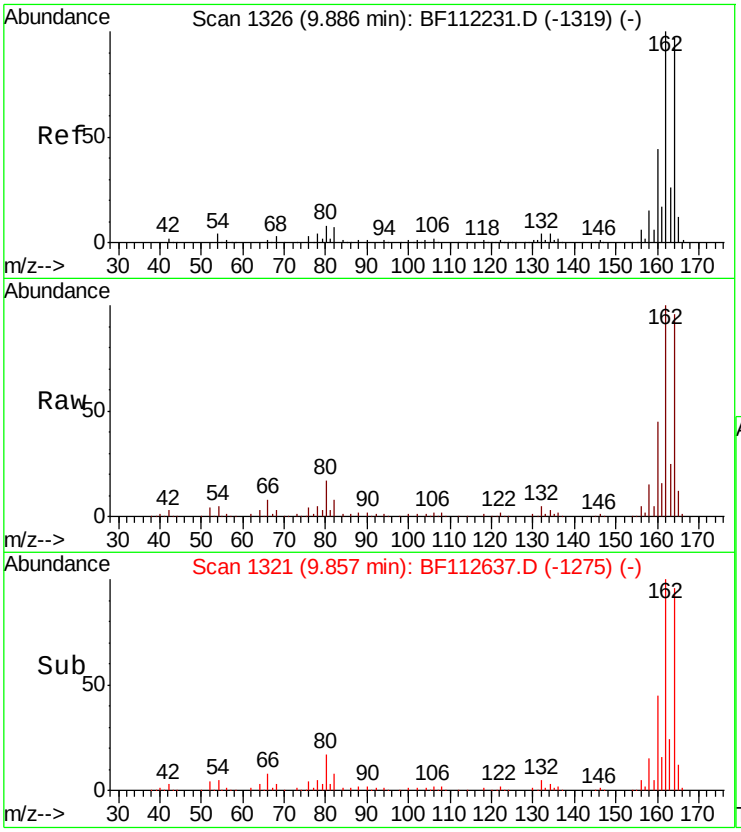


#38
1-Methylnaphthalene
Concen: 8.287 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion:142 Resp: 77437

Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.6	108.8
116	3.8	2.8	4.2

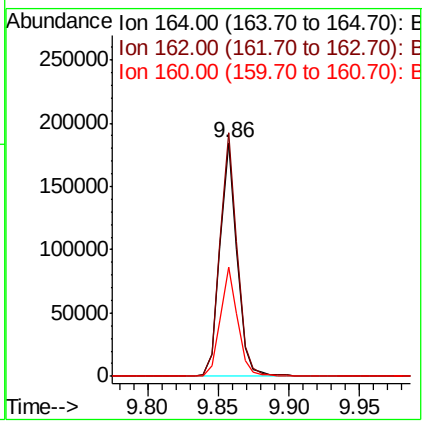




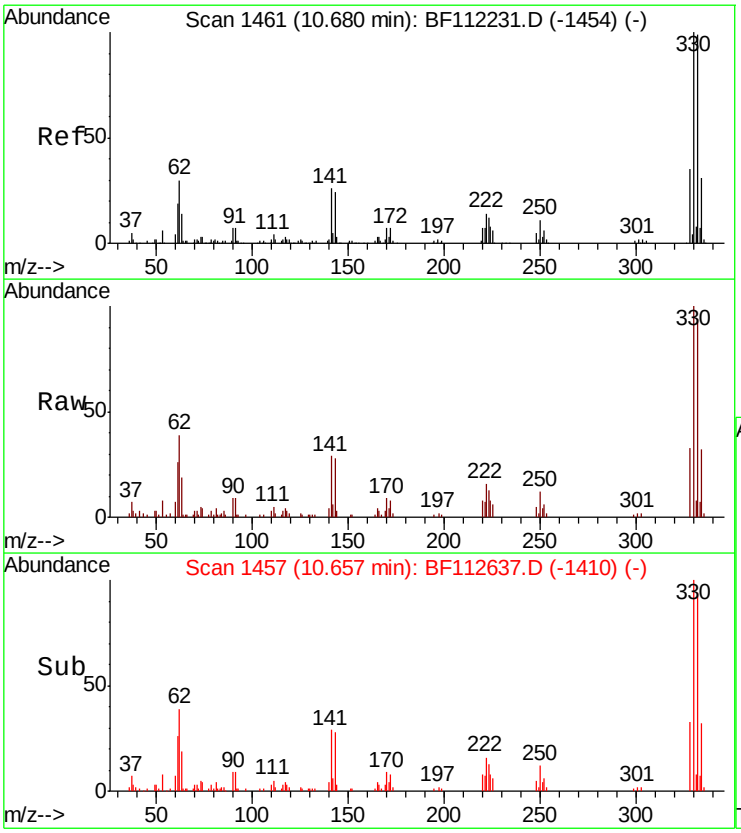
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion:164 Resp: 156335

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.4
160	46.6	36.2	54.4



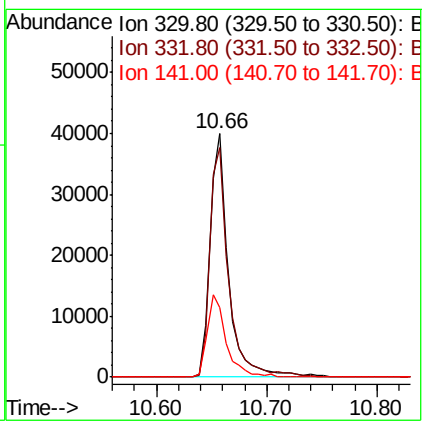
Instrument :
BNA_F
ClientSampleId :

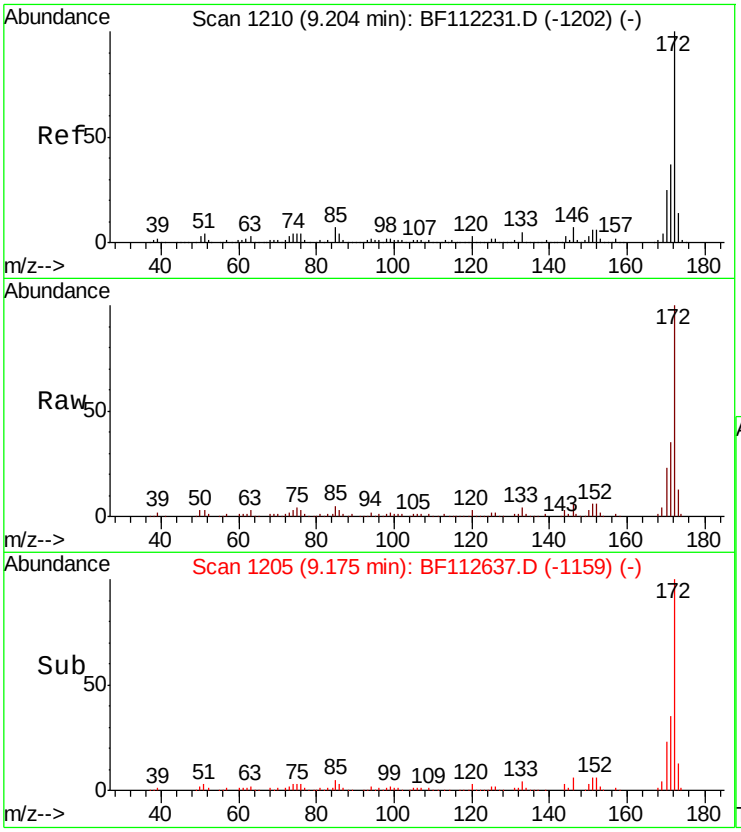


#42
2,4,6-Tribromophenol
Concen: 24.944 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion:330 Resp: 45390

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	34.5	24.3	36.5



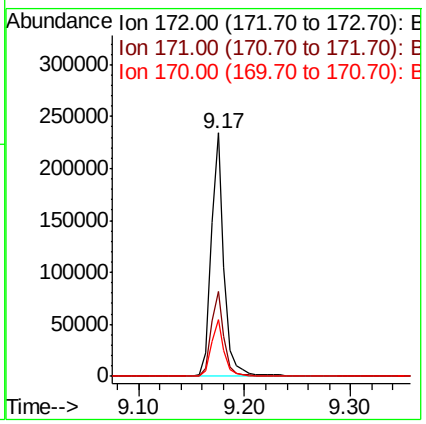


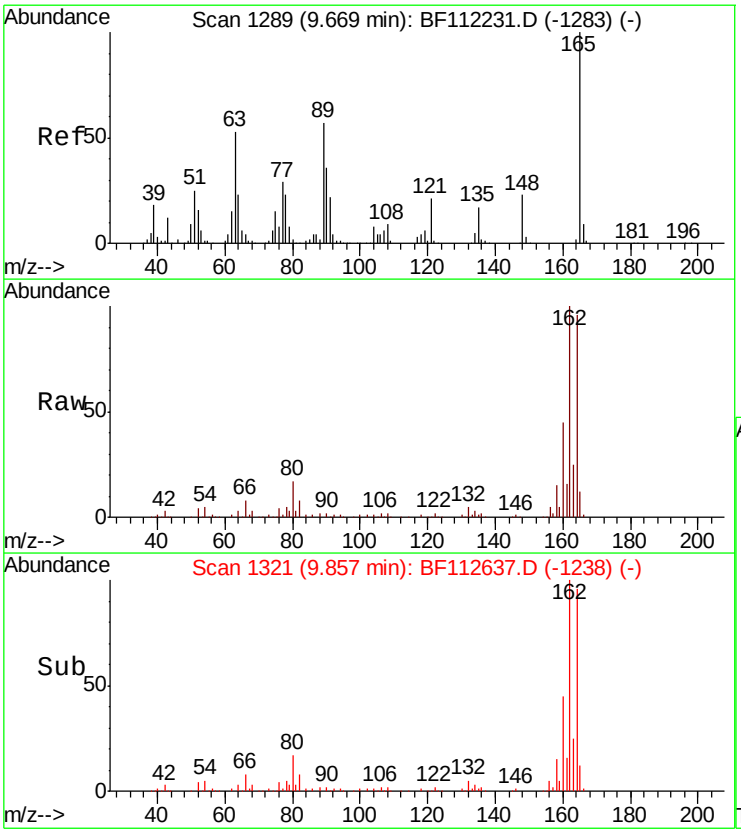
#45
2-Fluorobiphenyl
Concen: 18.090 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 199963

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.5	45.7
170	23.4	20.2	30.4

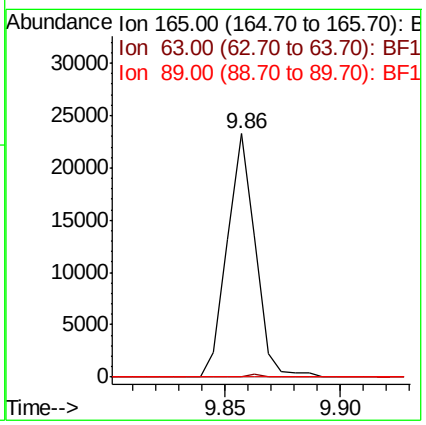


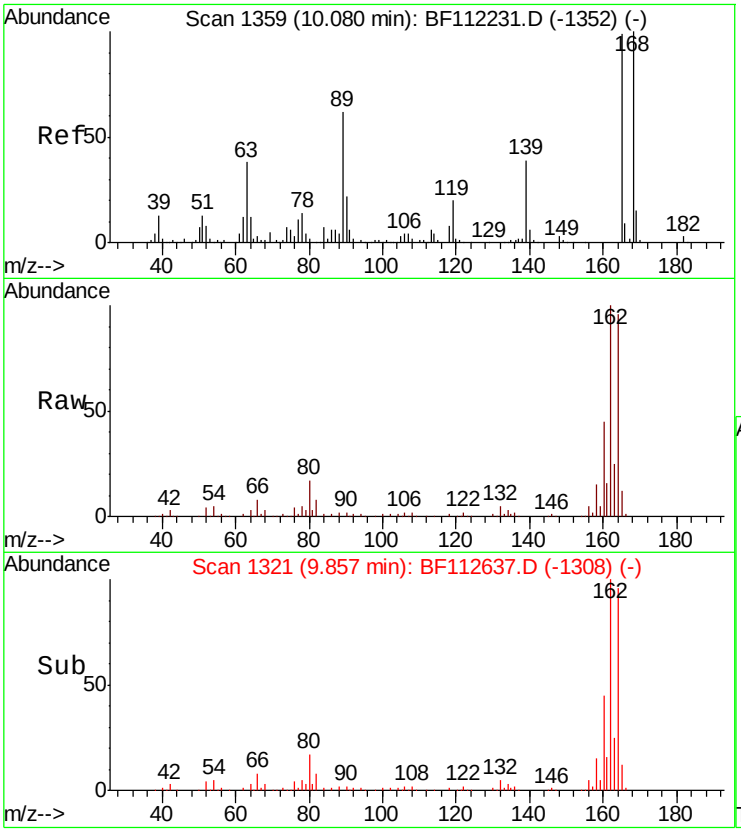


#51
2,6-Dinitrotoluene
Concen: 7.232 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.19 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion:165 Resp: 19673

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	0.0	36.9	55.3#



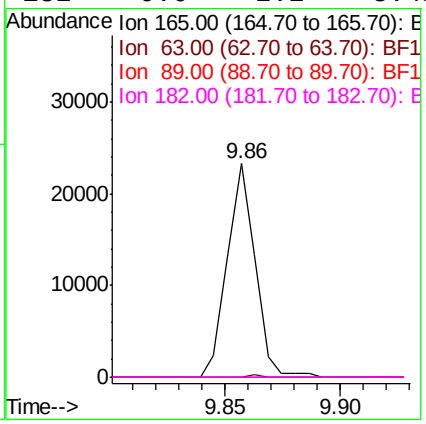


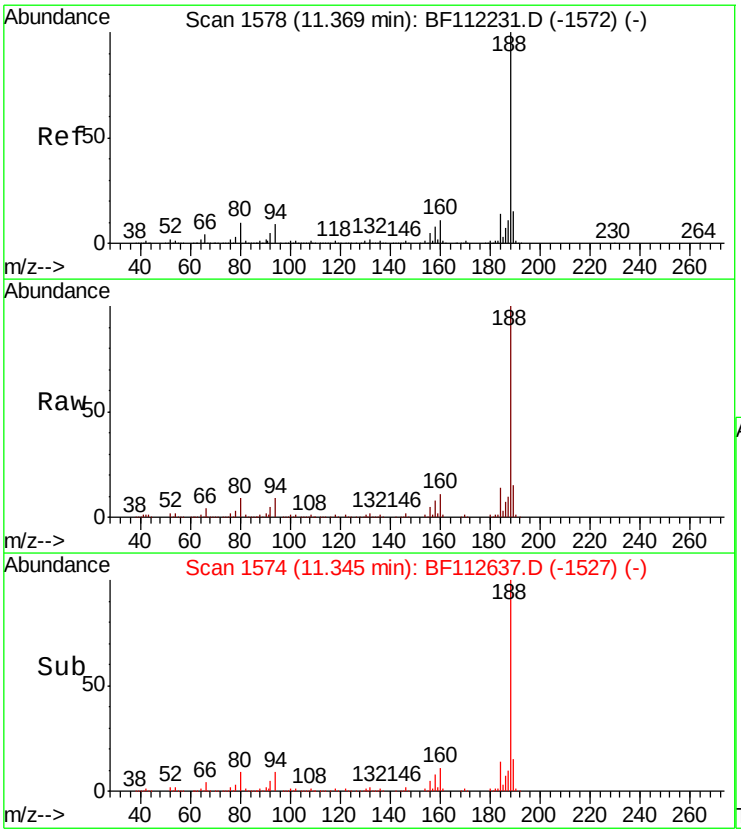
#57
2,4-Dinitrotoluene
Concen: 5.681 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.22 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19673

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

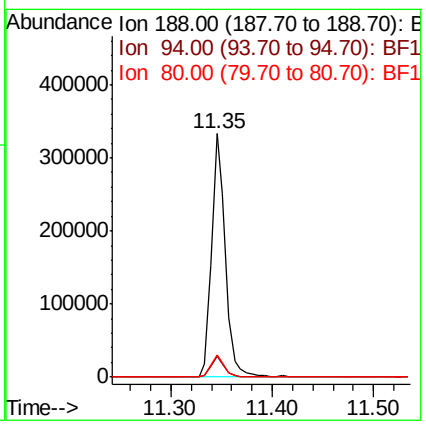


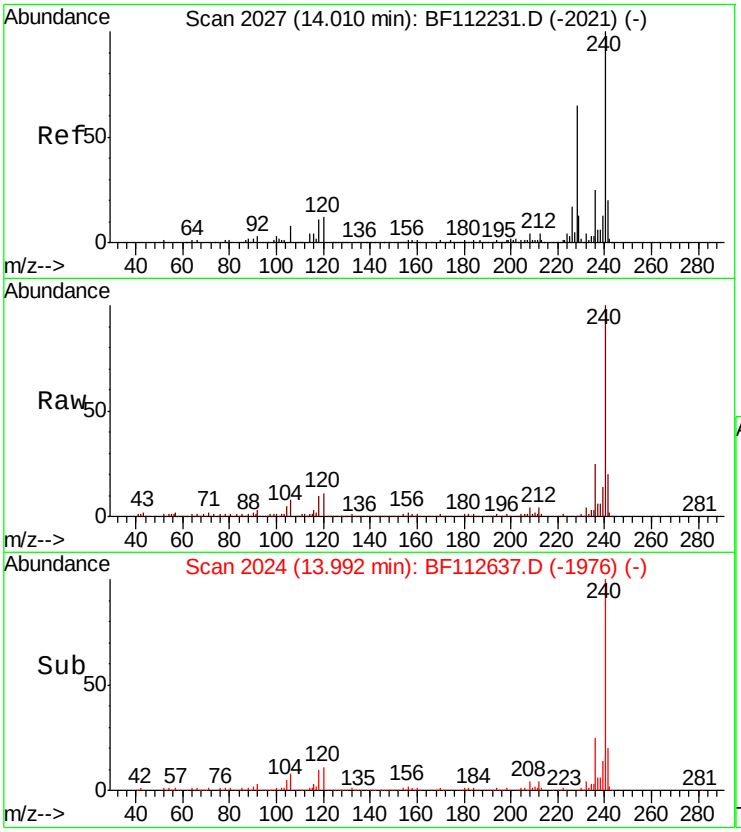


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion:188 Resp: 314633

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.2	8.9	13.3



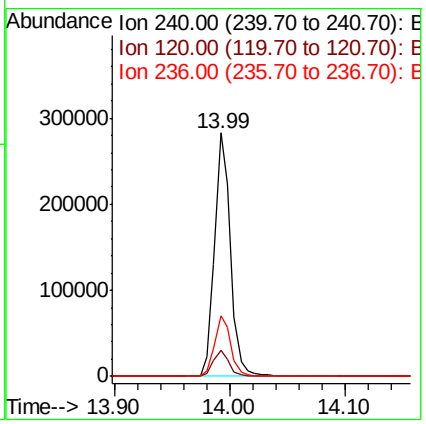


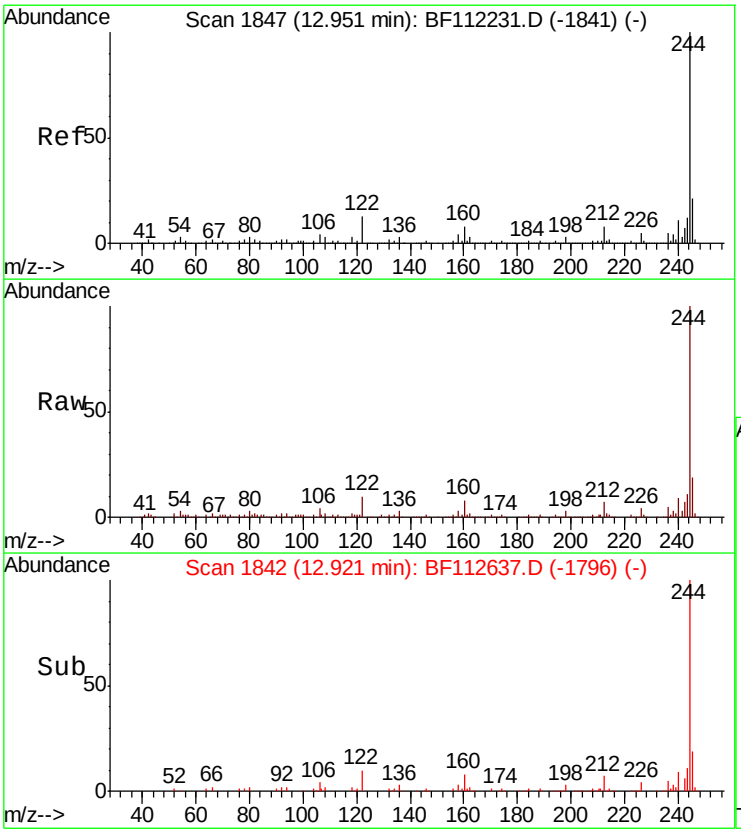
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 269437

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.6
236	24.7	20.7	31.1

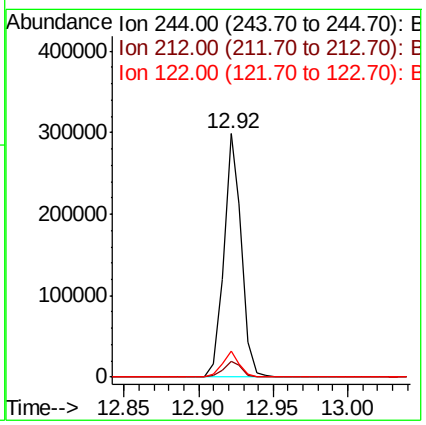


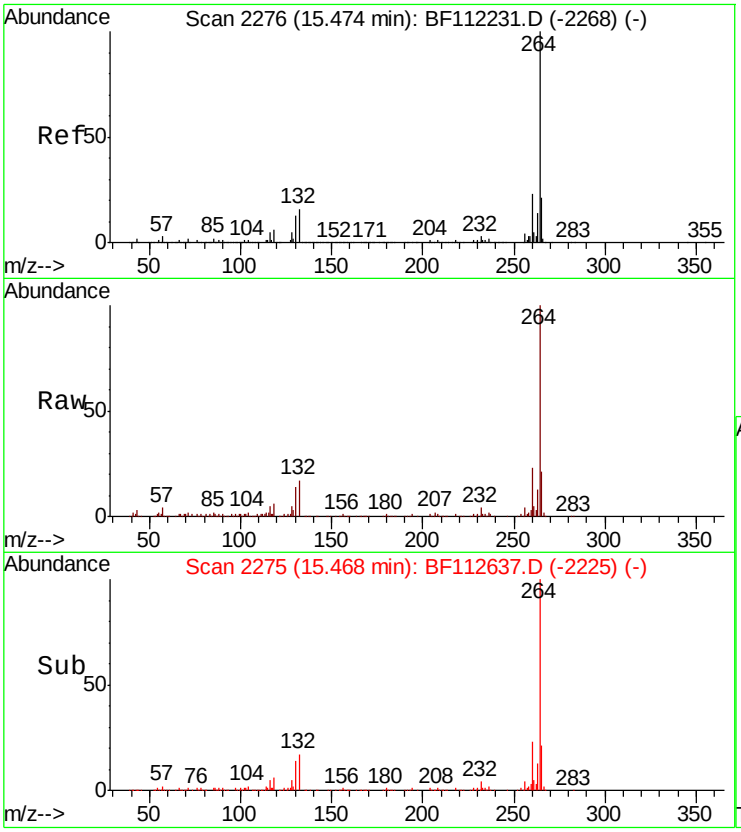


#79
Terphenyl-d14
Concen: 17.336 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.03 min
Lab File: BF112637.D
Acq: 20 Feb 2019 13:01

Tgt Ion:244 Resp: 247995

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.5	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: BF112637.D
Acq: 20 Feb 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 237905

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.4	17.0	25.4