Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098711.D
Acq On : 22 Sep 2017 22:14
Operator : SJ/JU
Sample : I5335-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-COMP

Quant Time: Sep 23 01:31:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 10:38:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	163991	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	671890	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	284305	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	424322	20.00	ng		0.00
75) Chrysene-d12	14.09	240	345815	20.00	ng		0.00
86) Perylene-d12	15.59	264	318080	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	186594	17.28	ng		0.00
7) Phenol-d6	6.53	99	230062	17.59	ng		-0.01
23) Nitrobenzene-d5	7.48	82	126465	12.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	39840	15.32	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	244977	13.71	ng		0.00
78) Terphenyl-d14	13.03	244	170333	10.58	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.48	70	16218	2.00	ng	#	81
25) Isophorone	7.48	82	126182	5.84	ng	#	64
49) Dimethylphthalate	9.67	163	83932	3.94	ng		98
50) 2,6-Dinitrotoluene	9.96	165	35127	8.35	ng	#	25
56) 2,4-Dinitrotoluene	9.96	165	35127	6.22	ng	#	23
74) Fluoranthene	12.66	202	54645	2.38	ng		97
77) Pyrene	12.89	202	52542	2.05	ng		98
87) Benzo(b)fluoranthene	15.14	252	55057	2.98	ng	#	92
88) Benzo(k)fluoranthene	15.14	252	55057	2.99	ng	#	95

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

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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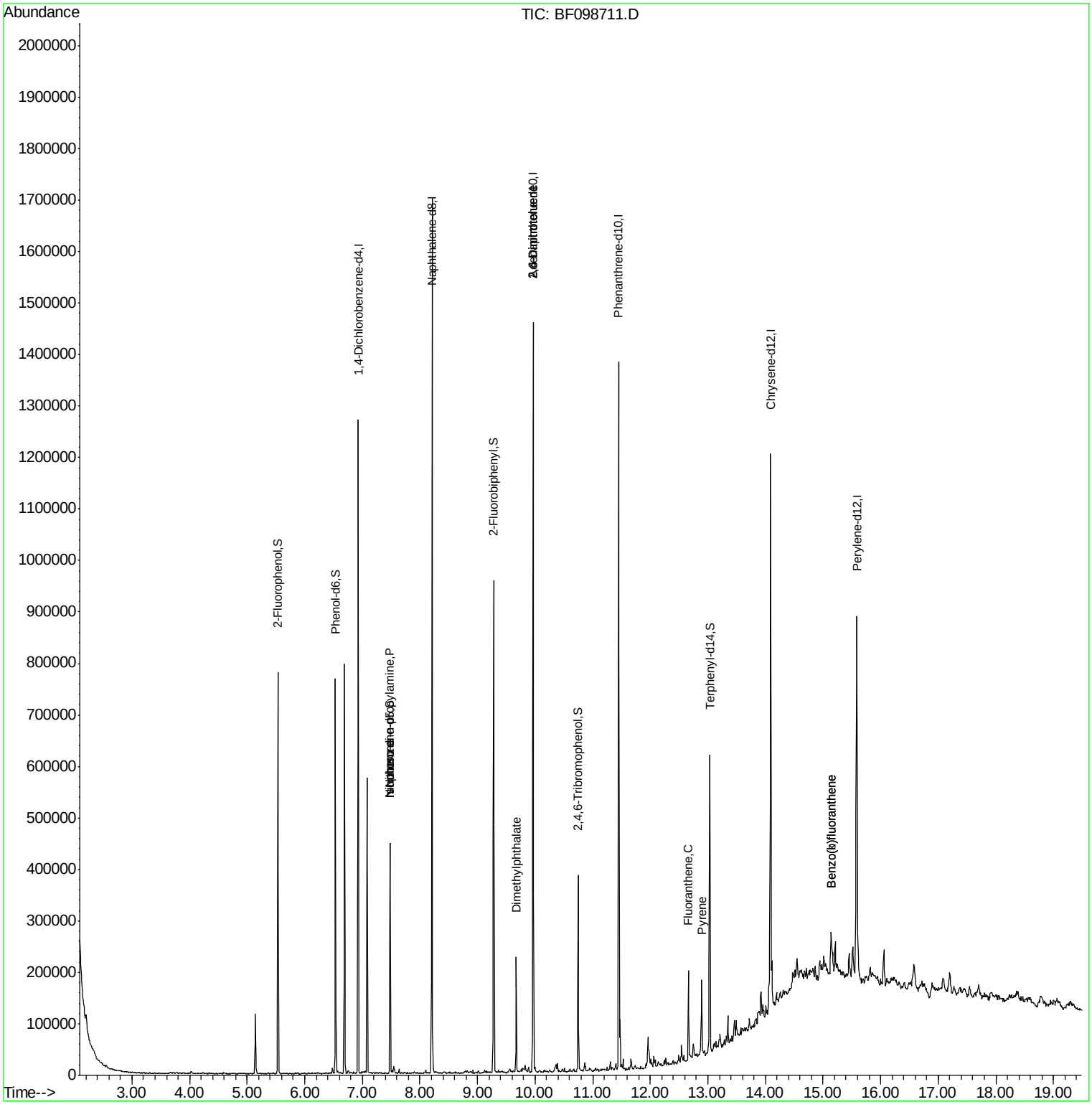
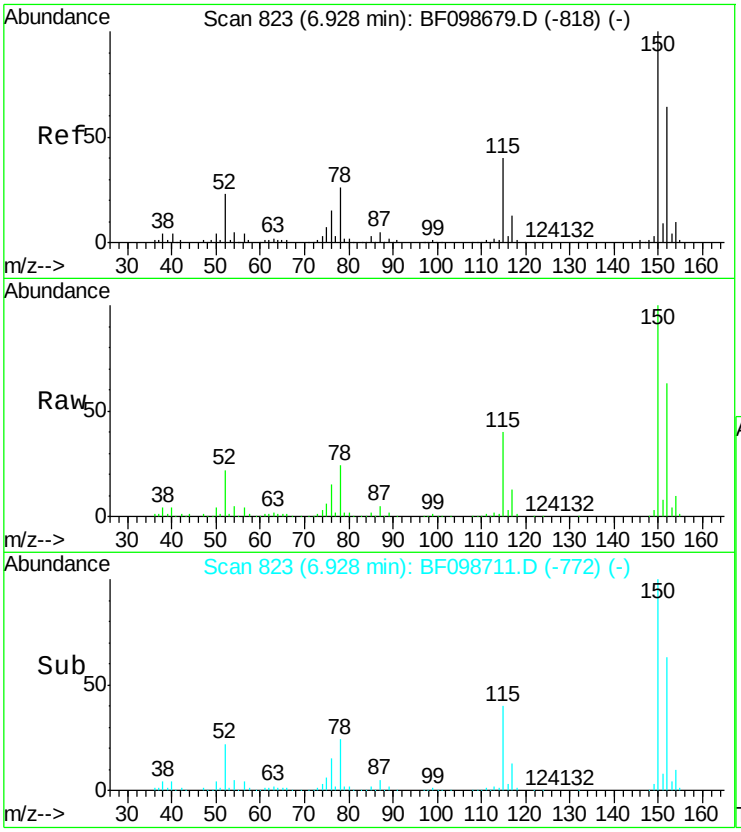


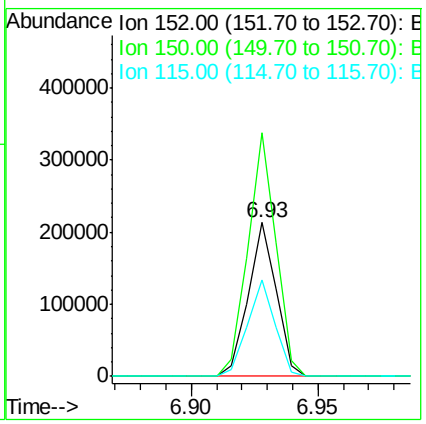


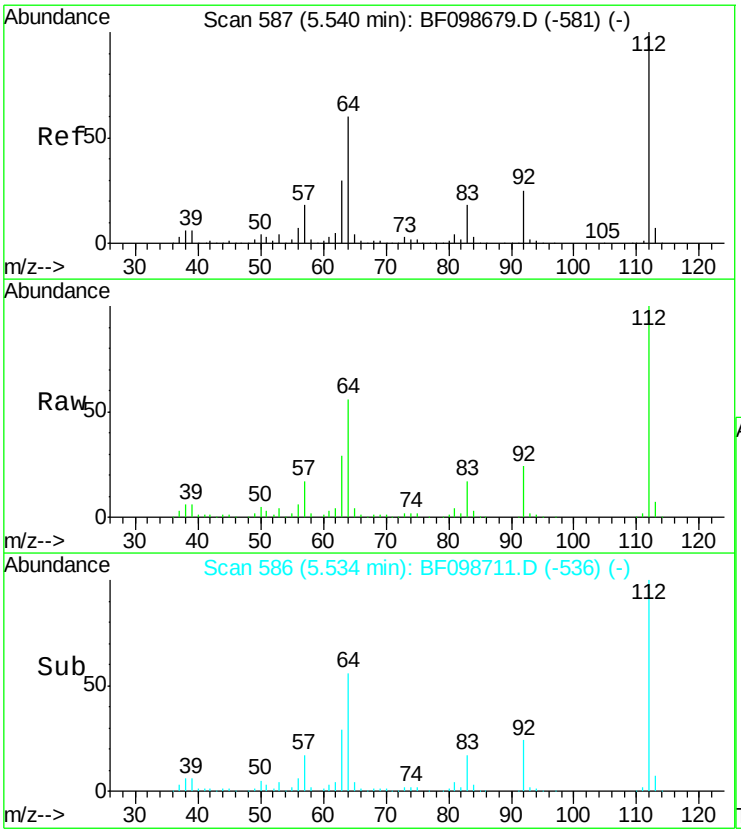
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tgt Ion:152 Resp: 163991

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	63.0	50.1	75.1

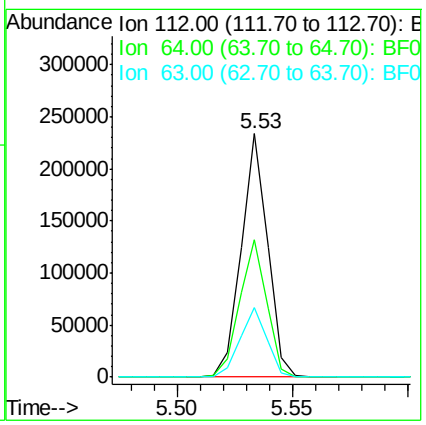


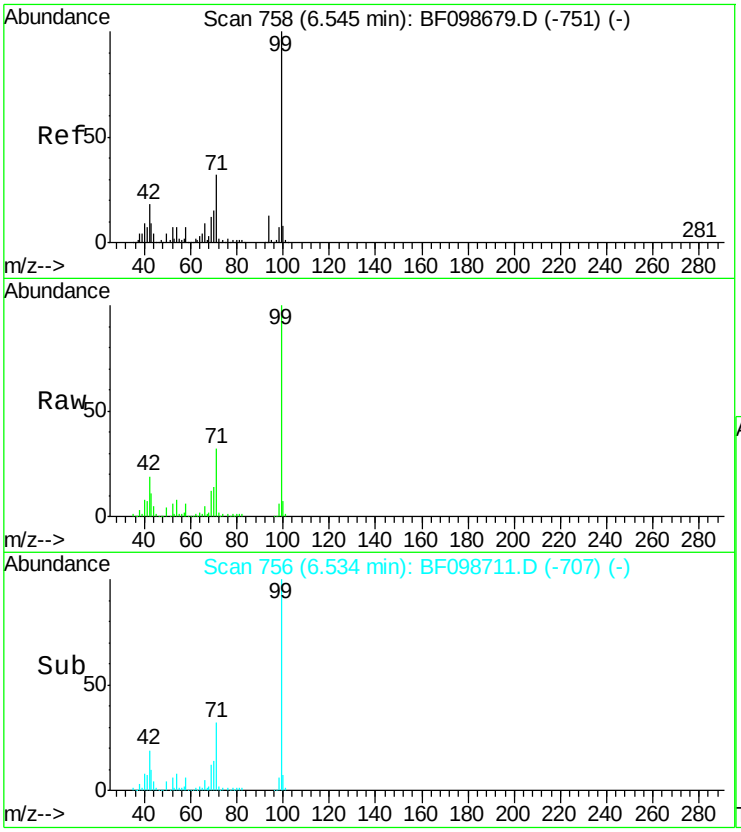


#5
2-Fluorophenol
Concen: 17.28 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion:112 Resp: 186594

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	28.8	23.7	35.5



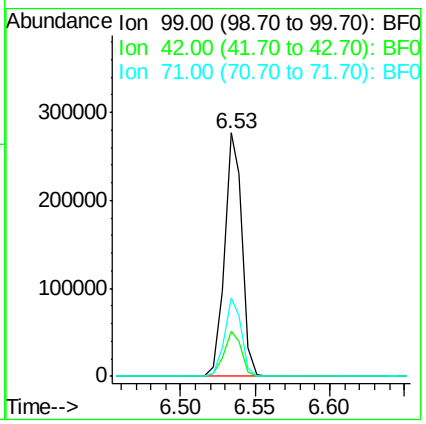


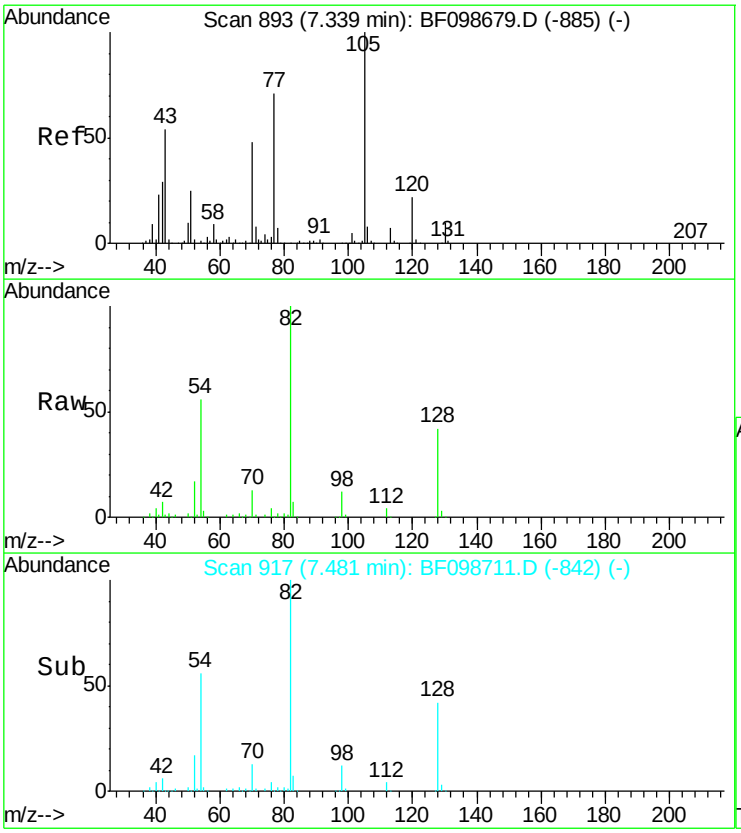
#7
Phenol-d6
Concen: 17.59 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tgt Ion: 99 Resp: 230062

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	32.1	25.4	38.0

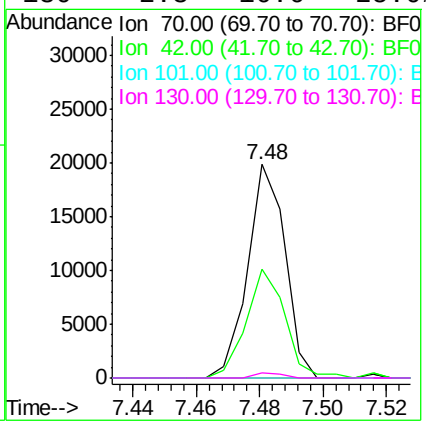


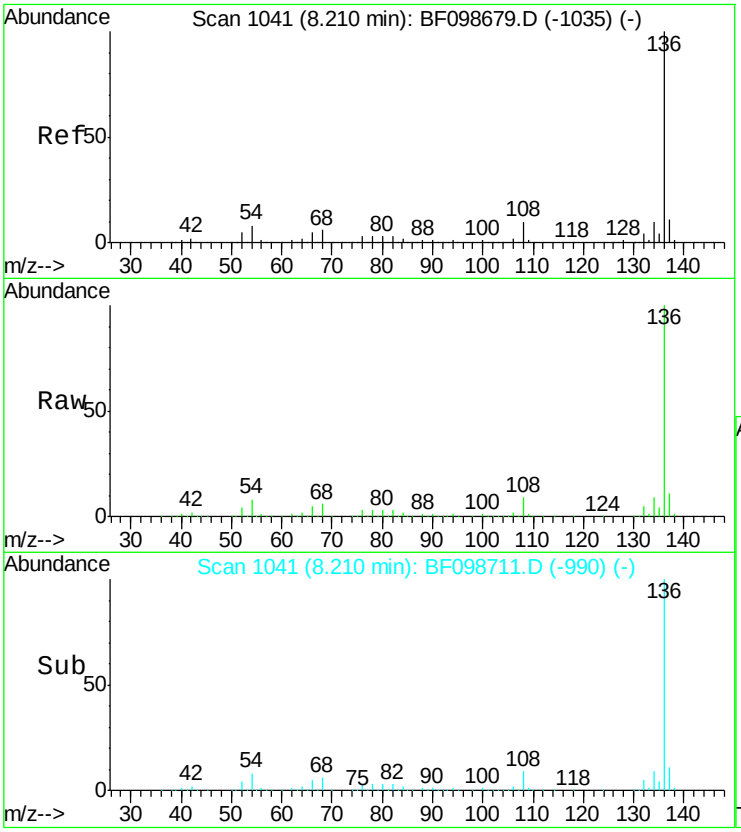


#19
n-Nitroso-di-n-propylamine
Concen: 2.00 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion: 70 Resp: 16218

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



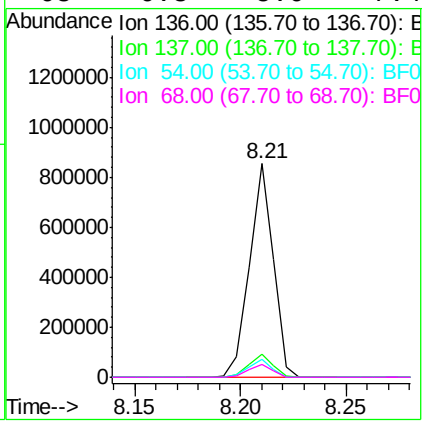


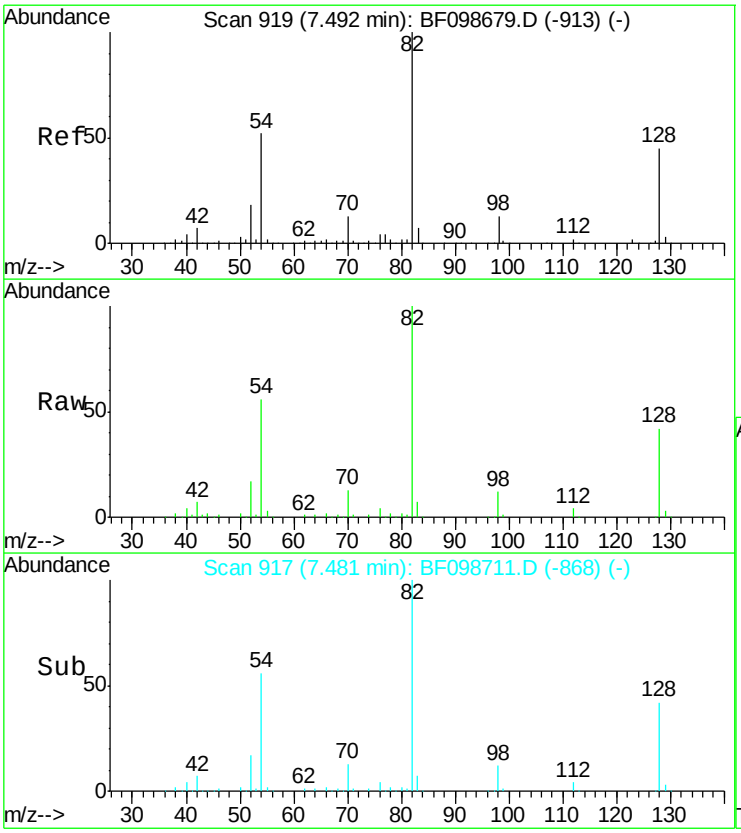
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tgt Ion:136 Resp: 671890

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	6.3	5.0	7.4

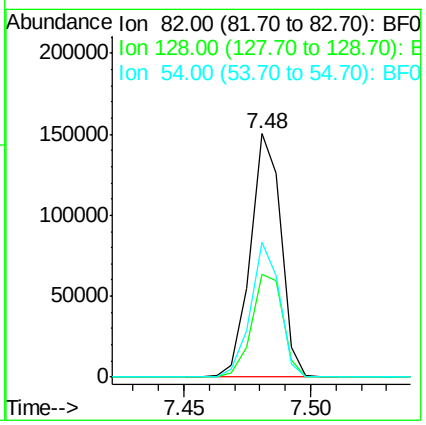


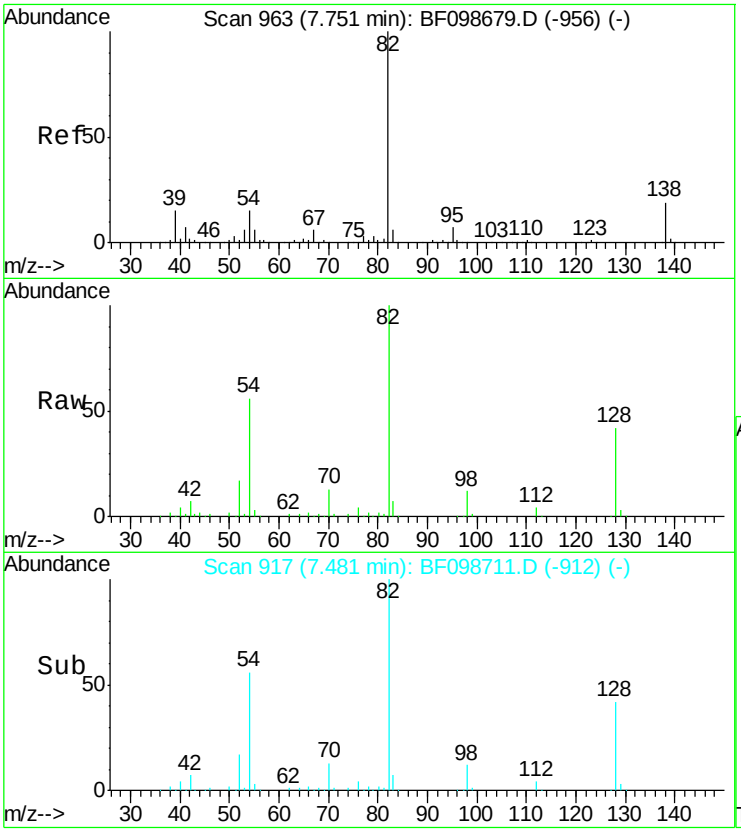


#23
Nitrobenzene-d5
Concen: 12.77 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion: 82 Resp: 126465

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	55.6	41.4	62.2



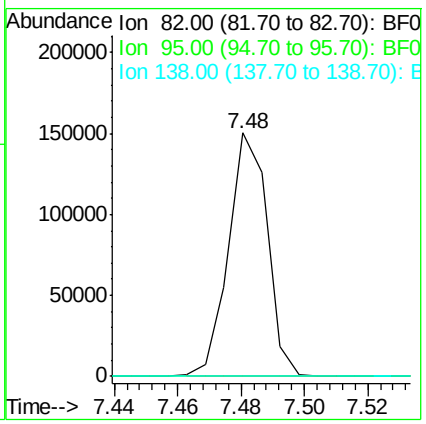


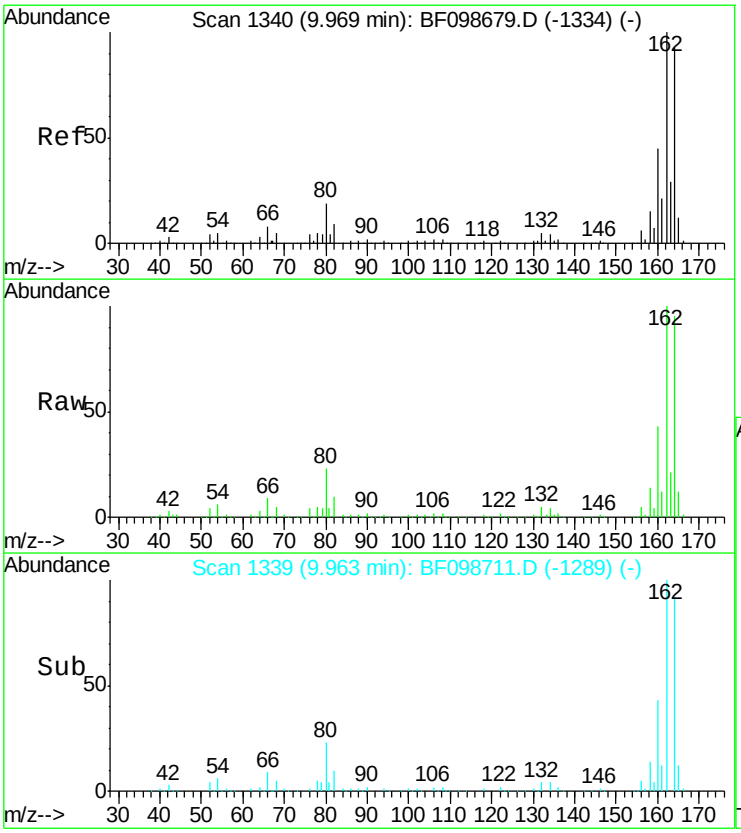
#25
Isophorone
Concen: 5.84 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tgt Ion: 82 Resp: 126182

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

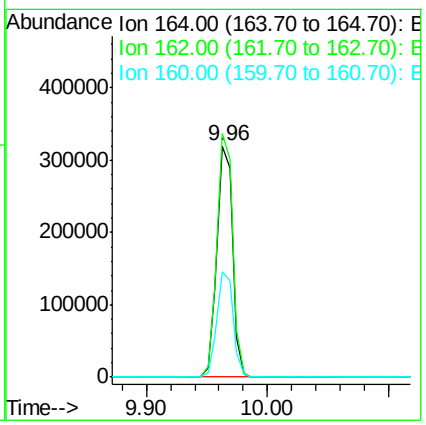


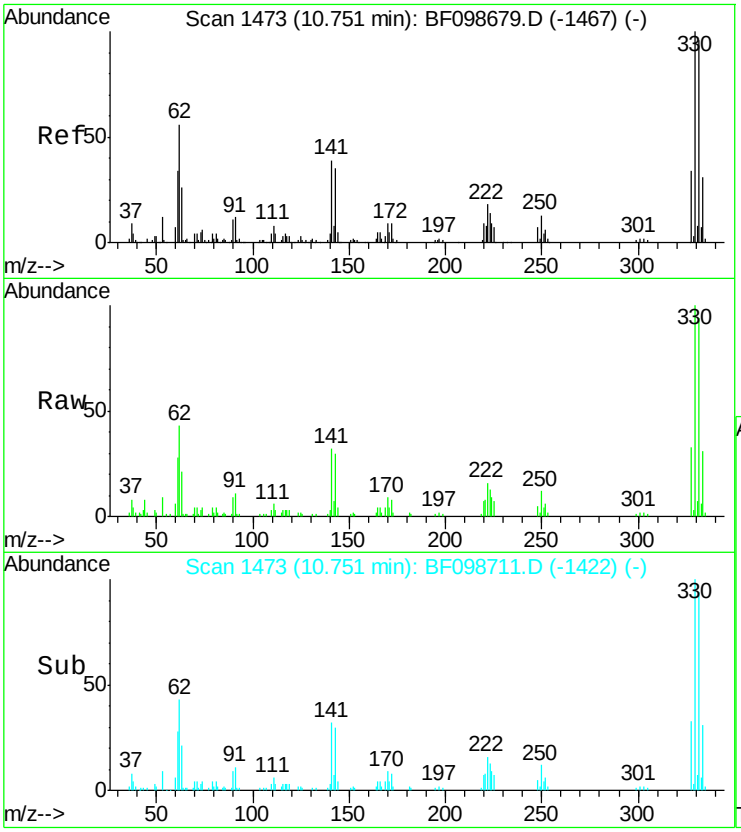


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion:164 Resp: 284305

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.8	38.3	57.5



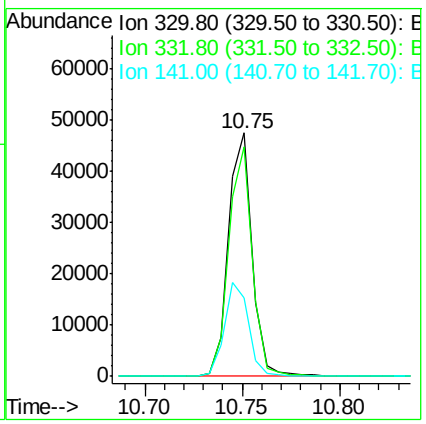


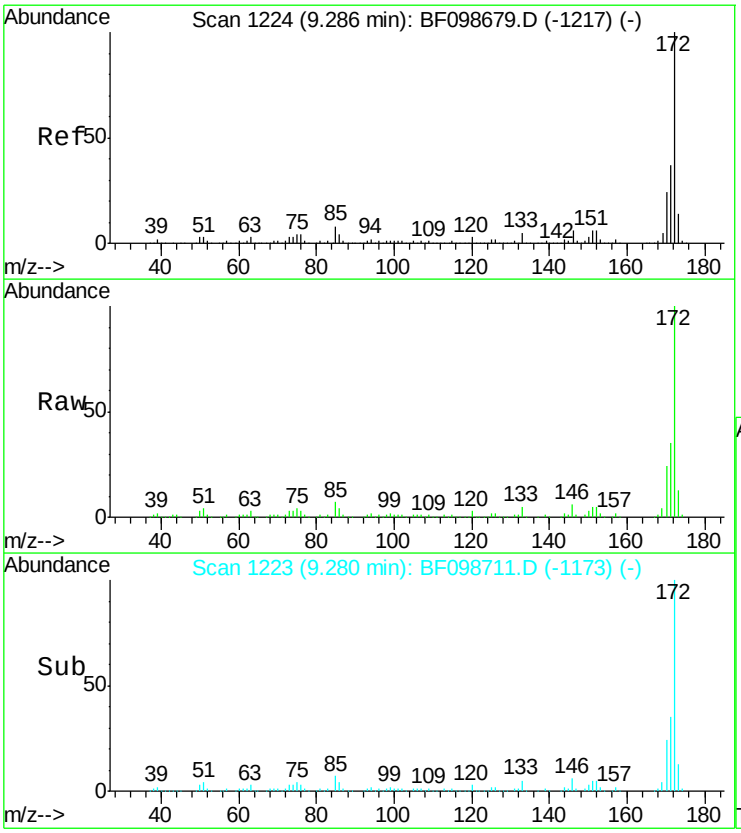
#41
2,4,6-Tribromophenol
Concen: 15.32 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tgt Ion:330 Resp: 39840

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	39.0	29.9	44.9

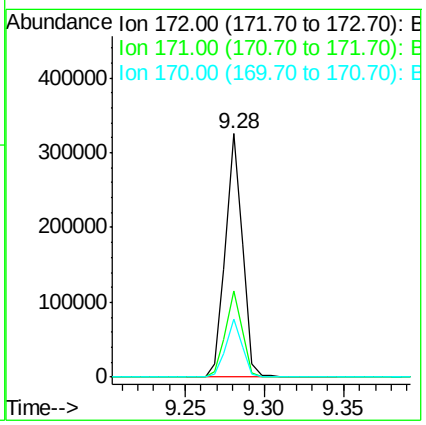


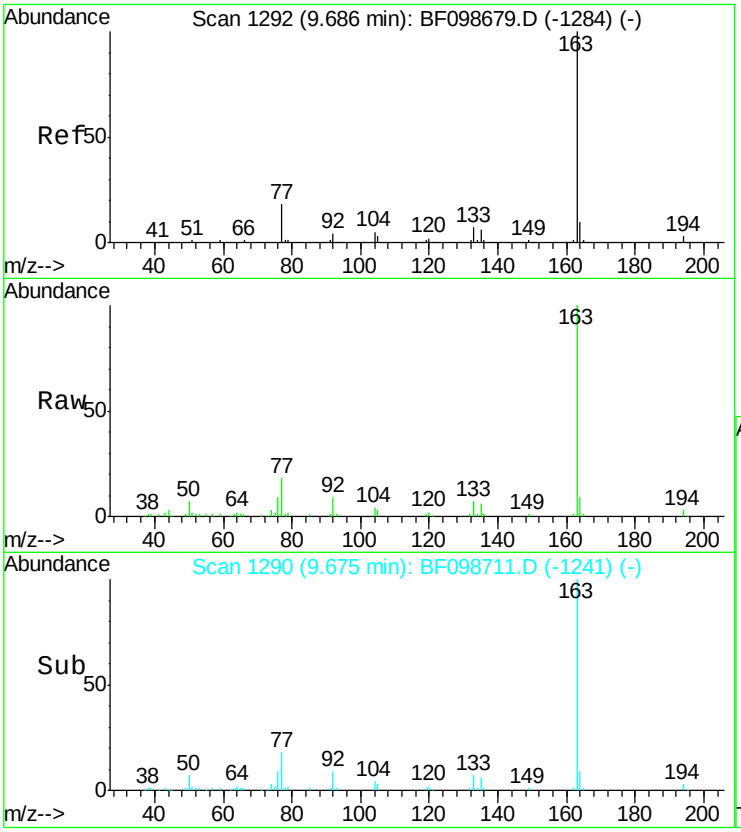


#44
2-Fluorobiphenyl
Concen: 13.71 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion:172 Resp: 244977

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.0	19.6	29.4



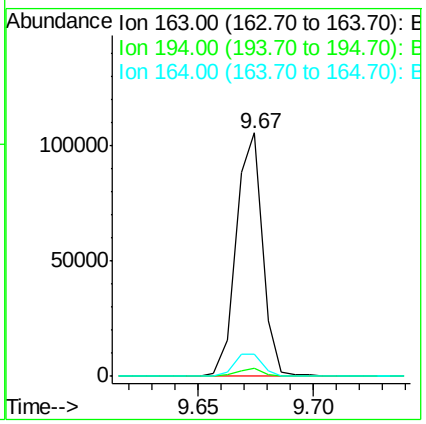


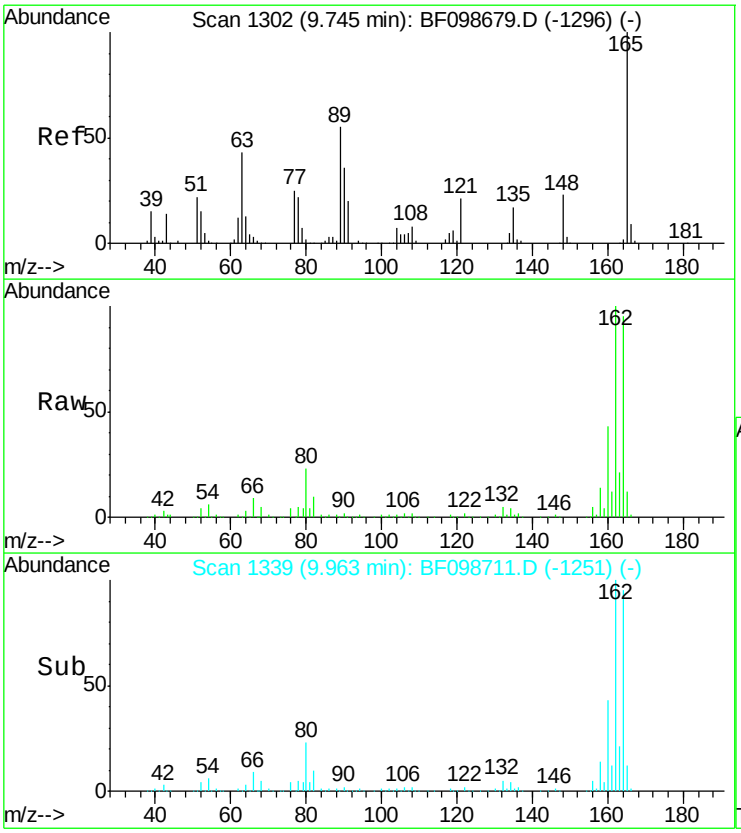
#49
Dimethylphthalate
Concen: 3.94 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tgt Ion:163 Resp: 83932

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.1	8.2	12.2

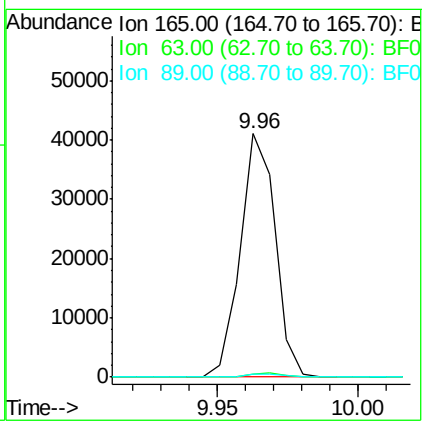


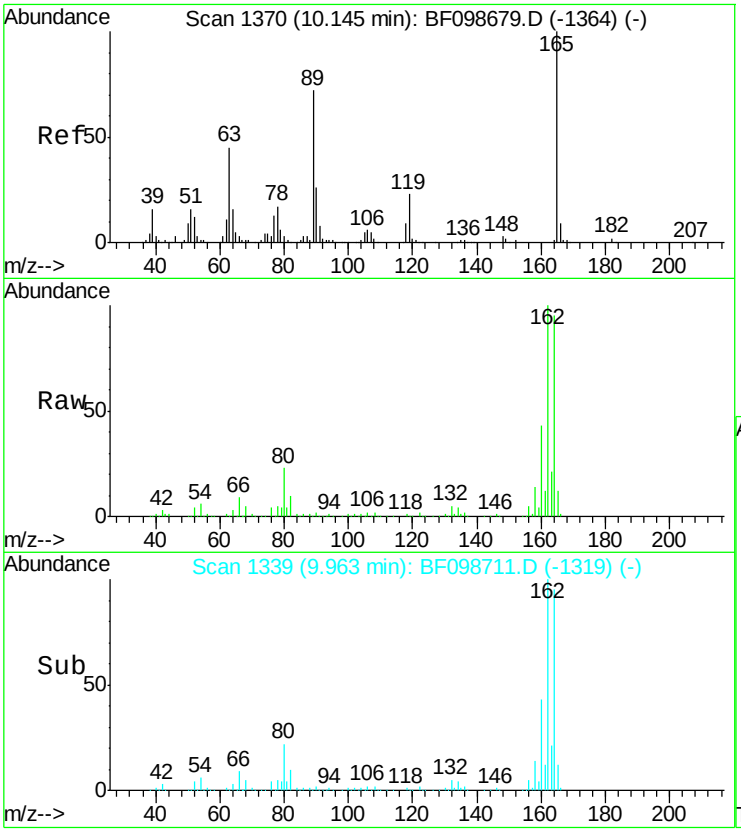


#50
2,6-Dinitrotoluene
Concen: 8.35 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.22 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion:165 Resp: 35127

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.1	44.0	66.0#



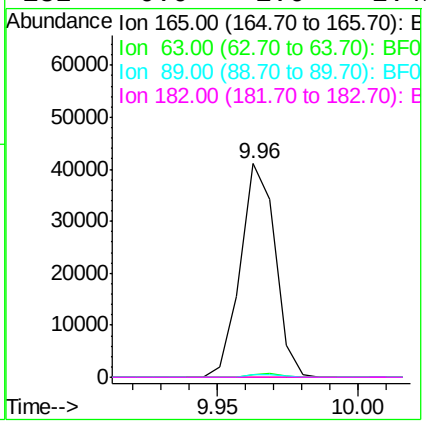


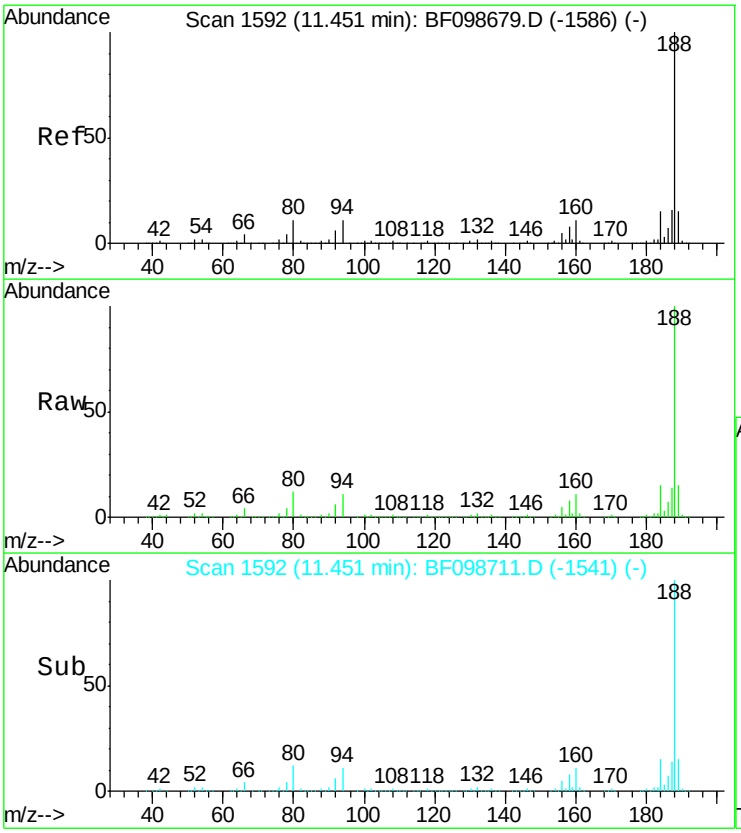
#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.18 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tgt Ion:165 Resp: 35127

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

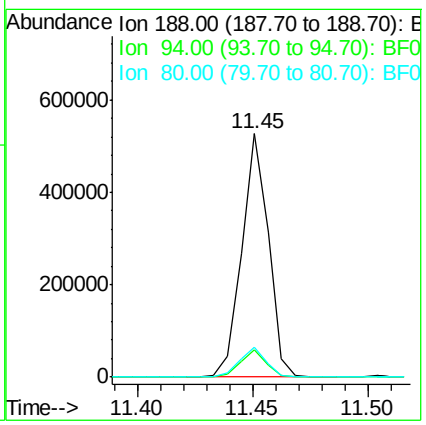


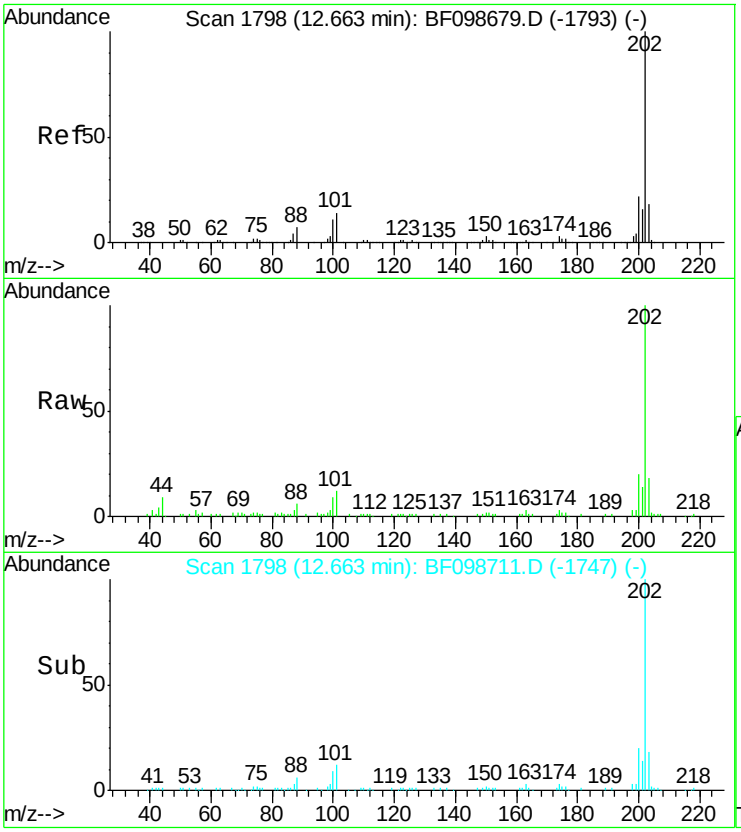


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion:188 Resp: 424322

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.3	9.2	13.8



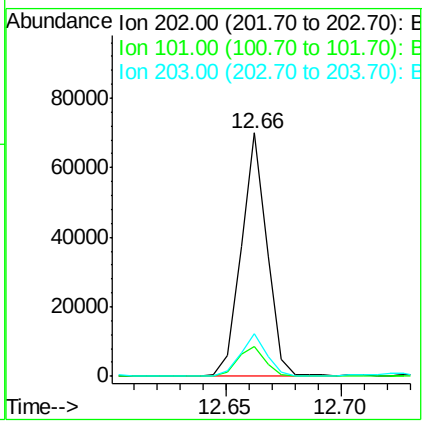


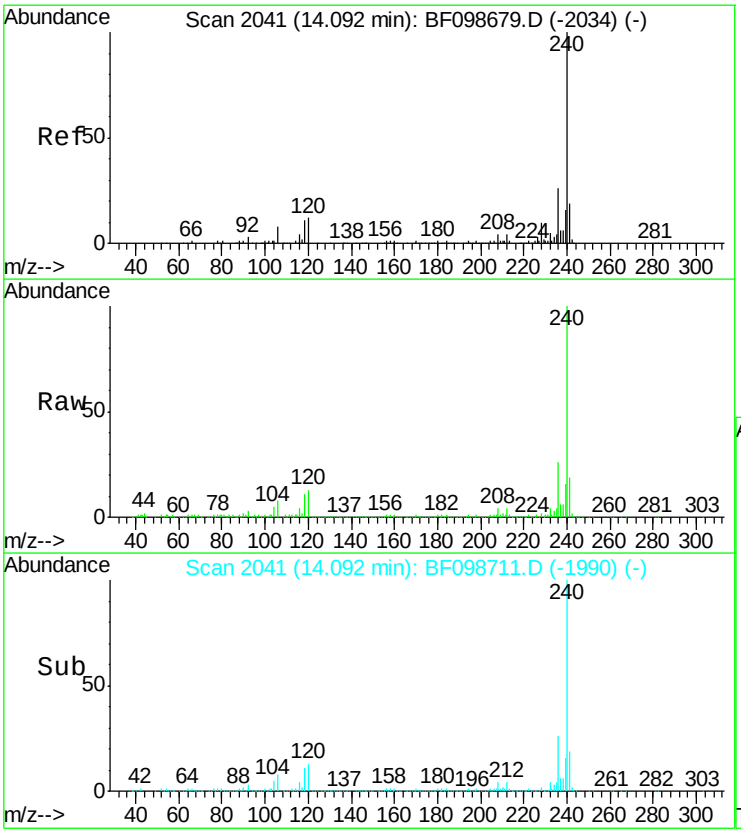
#74
Fluoranthene
Concen: 2.38 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tgt Ion:202 Resp: 54645

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.7	0.0	38.1

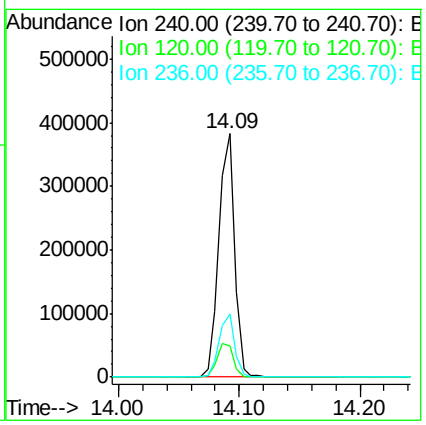


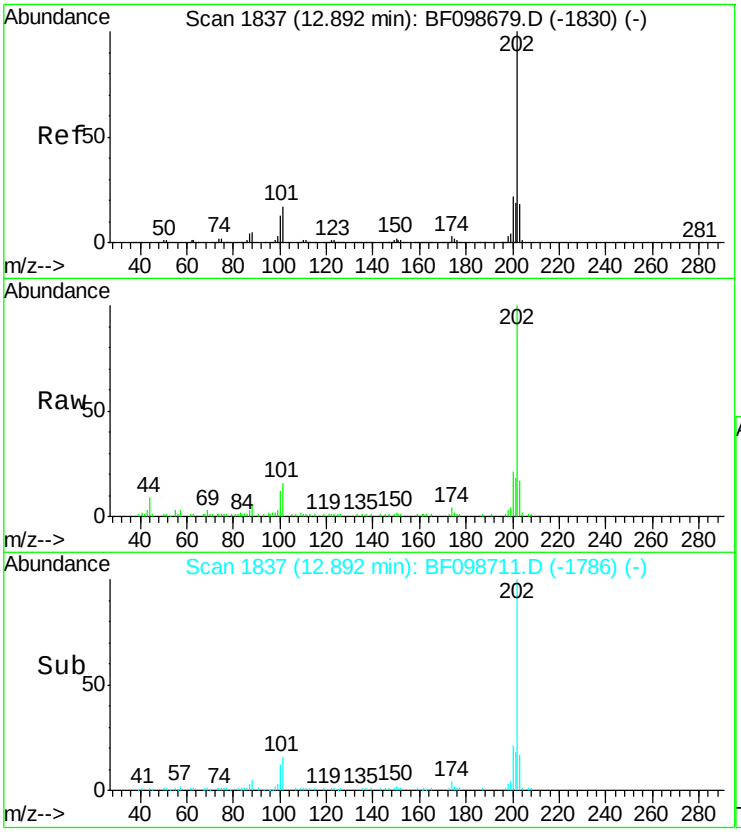


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion:240 Resp: 345815

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.1	20.7	31.1



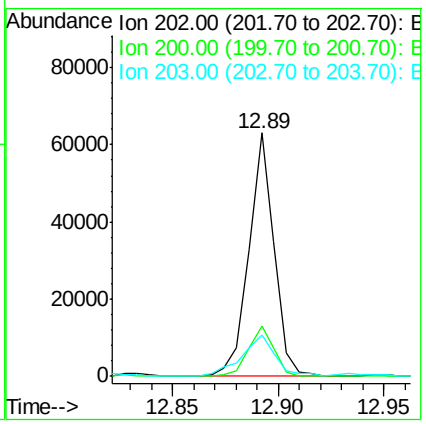


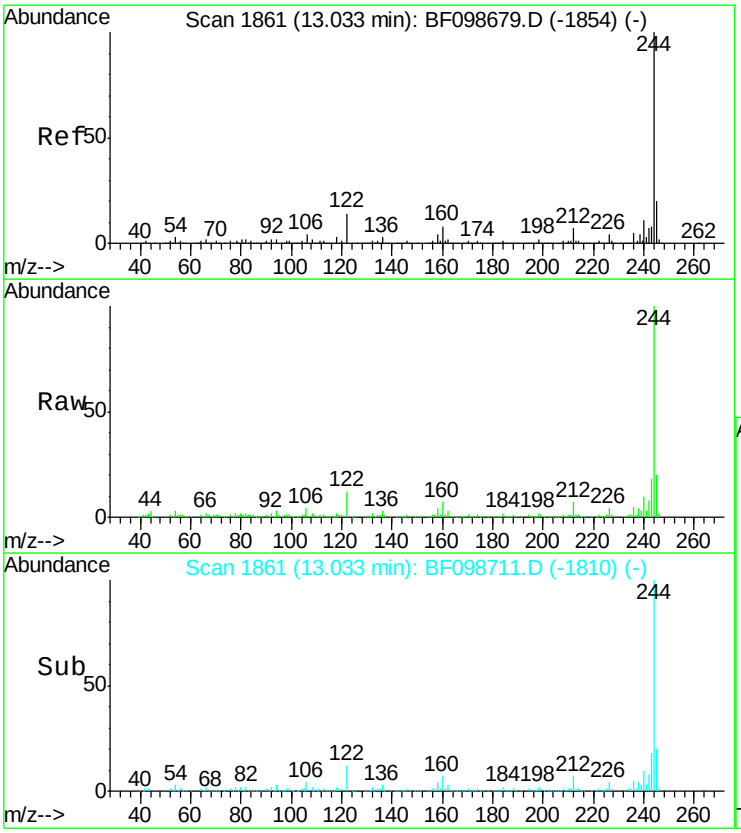
#77
Pyrene
Concen: 2.05 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tgt Ion:202 Resp: 52542

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.2	14.3	21.5

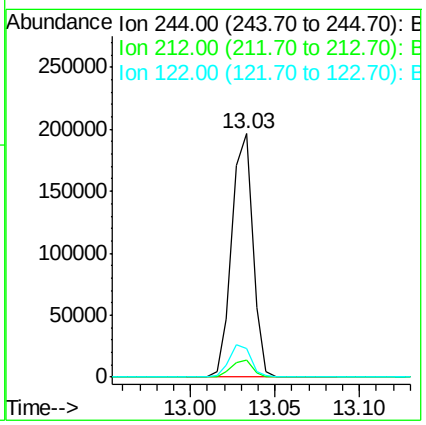


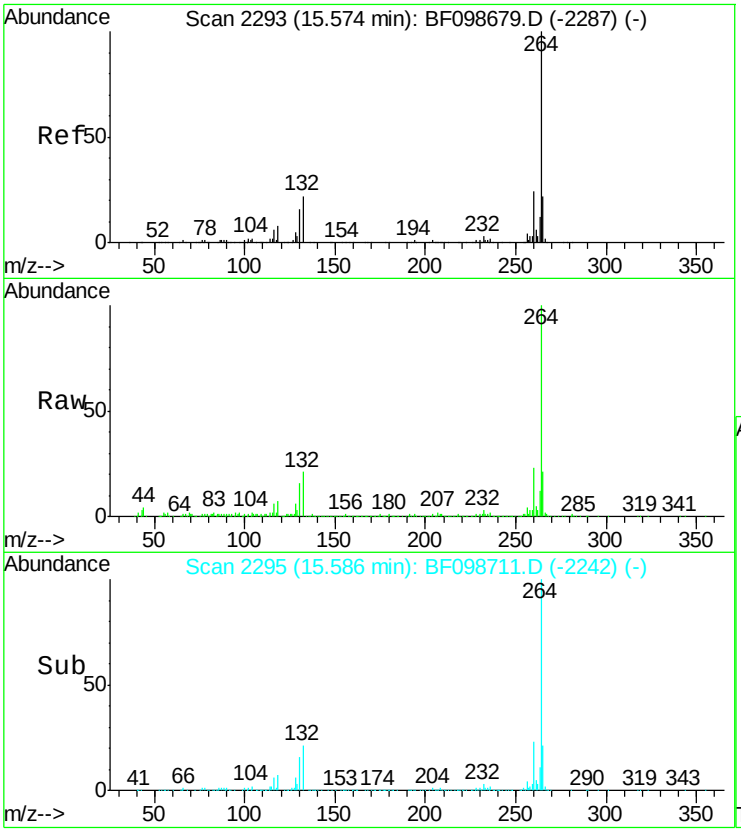


#78
Terphenyl-d14
Concen: 10.58 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion:244 Resp: 170333

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.9	11.0	16.4



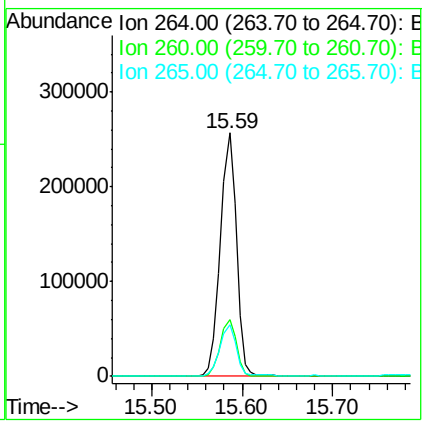


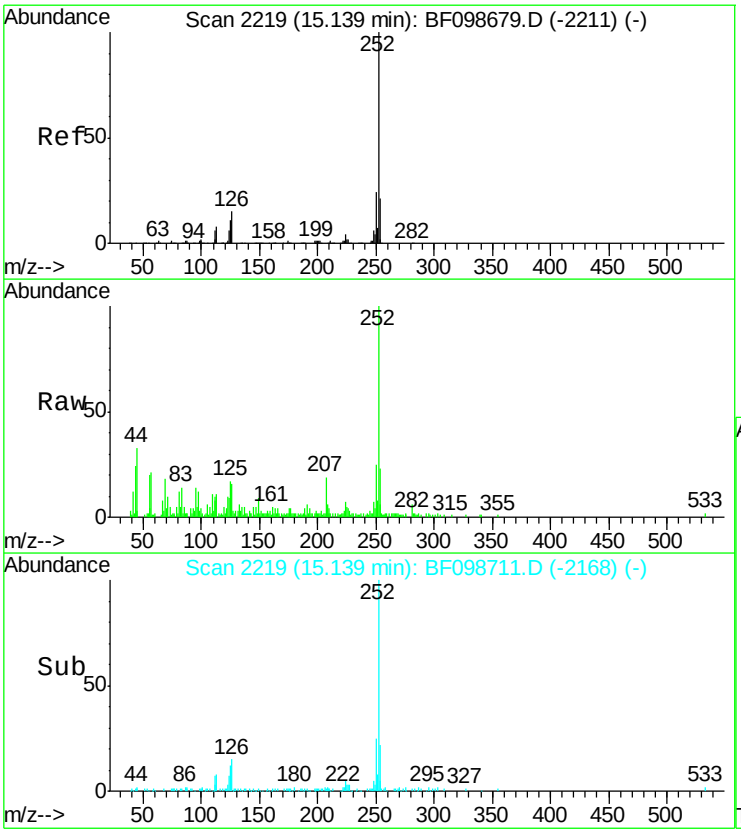
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tgt Ion:264 Resp: 318080

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3

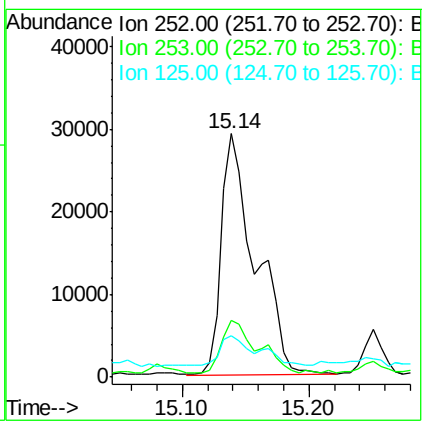


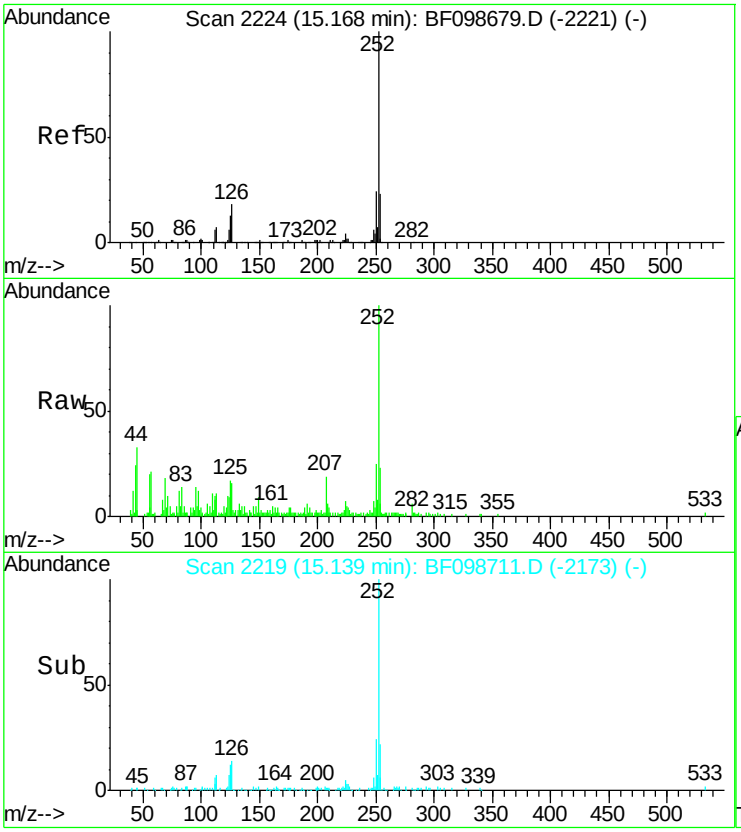


#87
Benzo(b)fluoranthene
Concen: 2.98 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion:252 Resp: 55057

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	17.2	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.99 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tgt Ion:252 Resp: 55057

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	17.2	10.2	15.2#