Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098434.D
Acq On : 12 Sep 2017 6:05
Operator : SJ/JU
Sample : I5138-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 12 07:47:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	225282	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	894576	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	361593	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	542477	20.00	ng		0.00
75) Chrysene-d12	13.82	240	376760	20.00	ng		0.00
86) Perylene-d12	15.22	264	369004	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1825172	119.79	ng		0.01
7) Phenol-d6	6.33	99	2241790	115.88	ng		0.00
23) Nitrobenzene-d5	7.24	82	1402900	87.43	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	300575	124.55	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1539987	72.18	ng		0.00
78) Terphenyl-d14	12.76	244	826520	47.35	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.33	94	103422	4.60	ng		87
19) n-Nitroso-di-n-propylamine	7.24	70	187578	15.41	ng	#	81
25) Isophorone	7.24	82	1382382	42.58	ng	#	67
32) Benzoic acid	7.76	122	1382	8.09	ng	#	55
49) Dimethylphthalate	9.43	163	601599	21.49	ng		98
56) 2,4-Dinitrotoluene	9.70	165	47699	6.82	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.49	198	648	5.14	ng	#	1
66) 4-Bromophenyl-phenylether	10.49	248	21653	4.21	ng	#	1
74) Fluoranthene	12.39	202	90367	3.14	ng		96
77) Pyrene	12.62	202	71883	2.42	ng		98
87) Benzo(b)fluoranthene	14.82	252	71521	3.08	ng	#	92
88) Benzo(k)fluoranthene	14.82	252	71521	3.30	ng		96

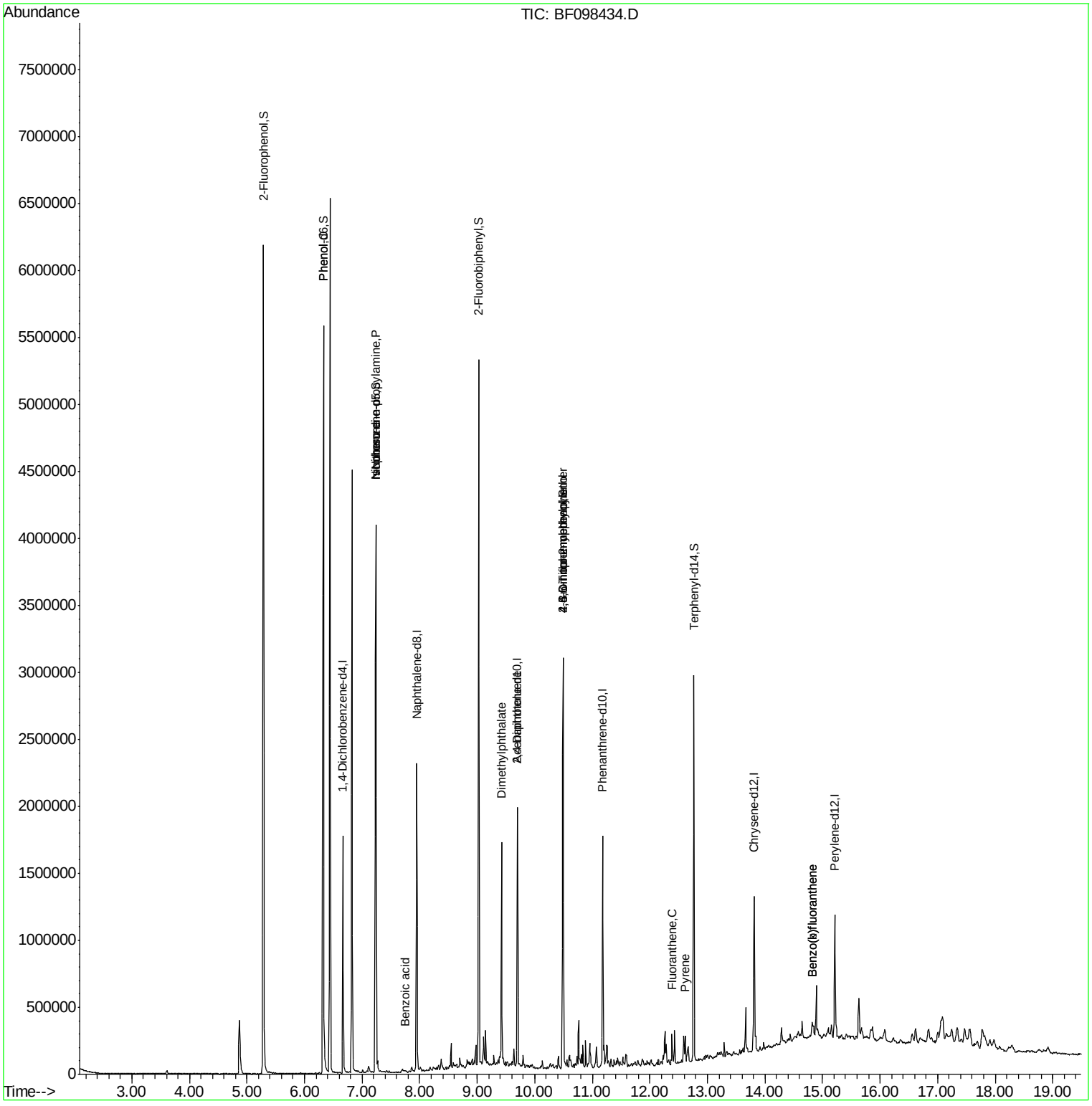
(#) = qualifier out of range (m) = manual integration (+) = signals summed

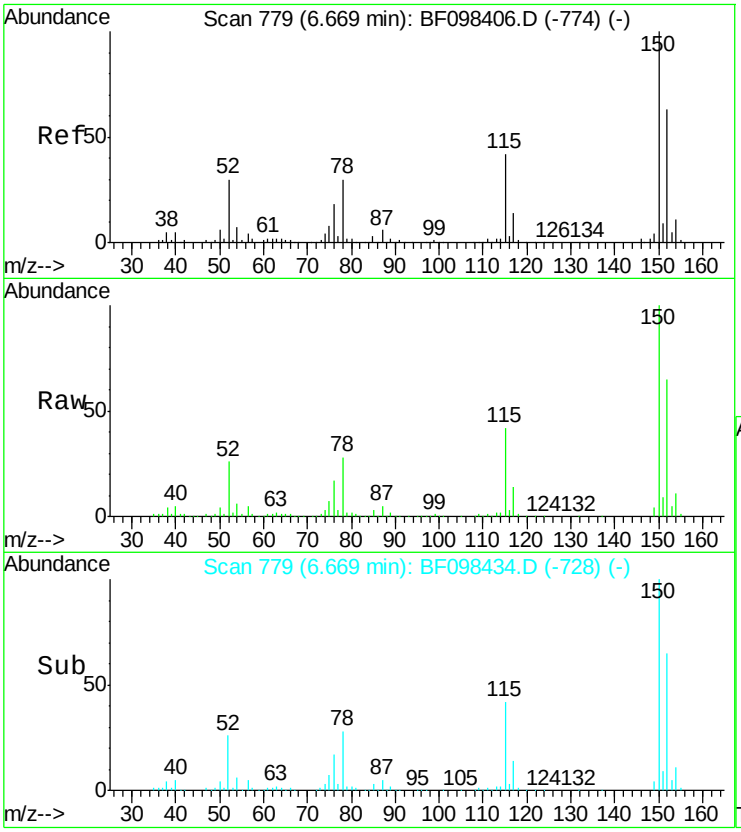
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098434.D
Acq On : 12 Sep 2017 6:05
Operator : SJ/JU
Sample : I5138-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 12 07:47:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration



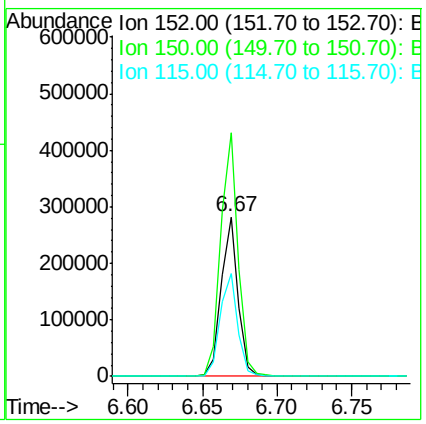


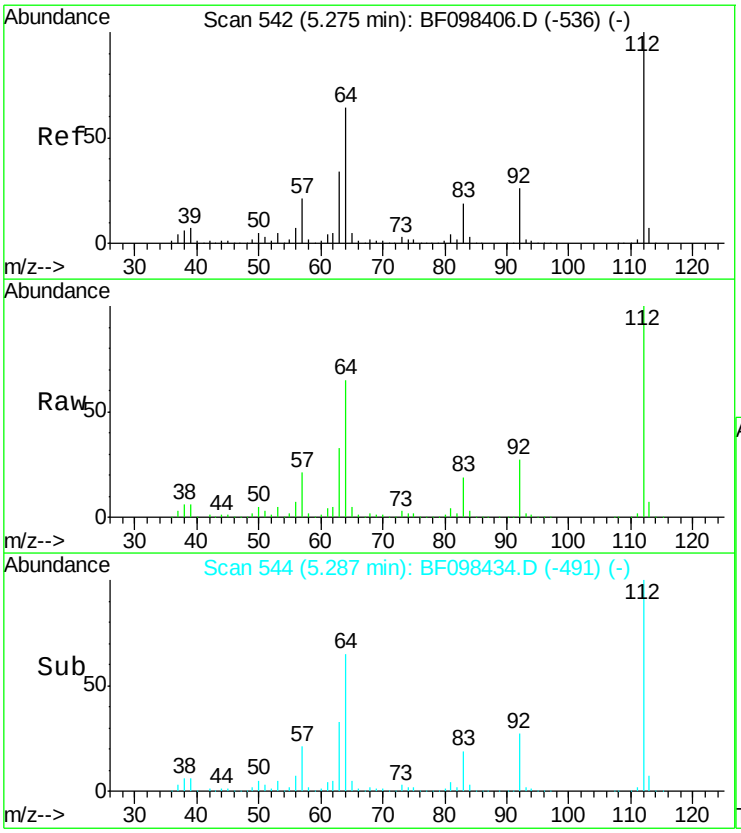
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 225282

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.2	189.2
115	64.6	52.2	78.2

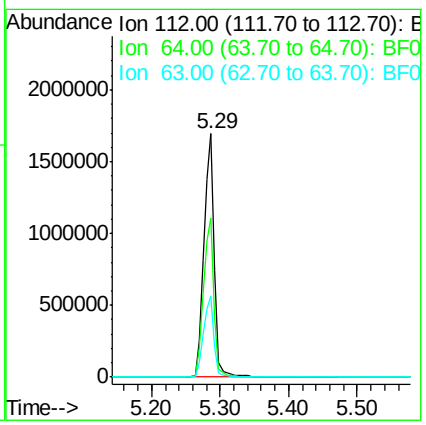


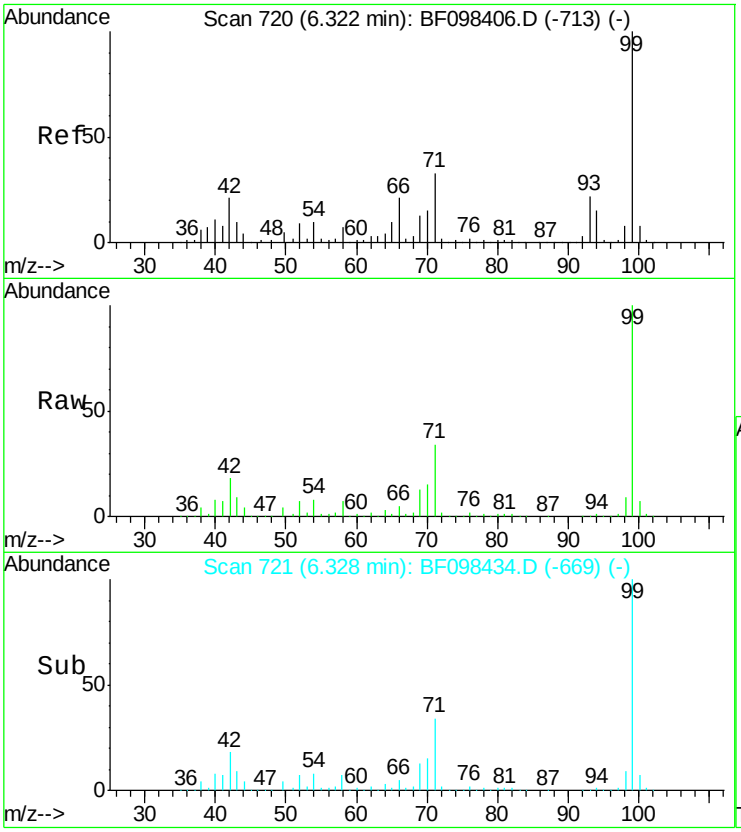


#5
2-Fluorophenol
Concen: 119.79 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion:112 Resp: 1825172

Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	33.3	23.4	35.0



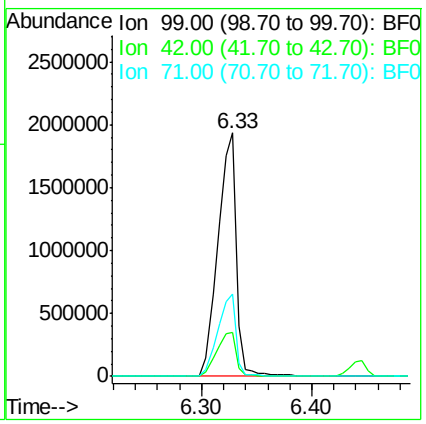


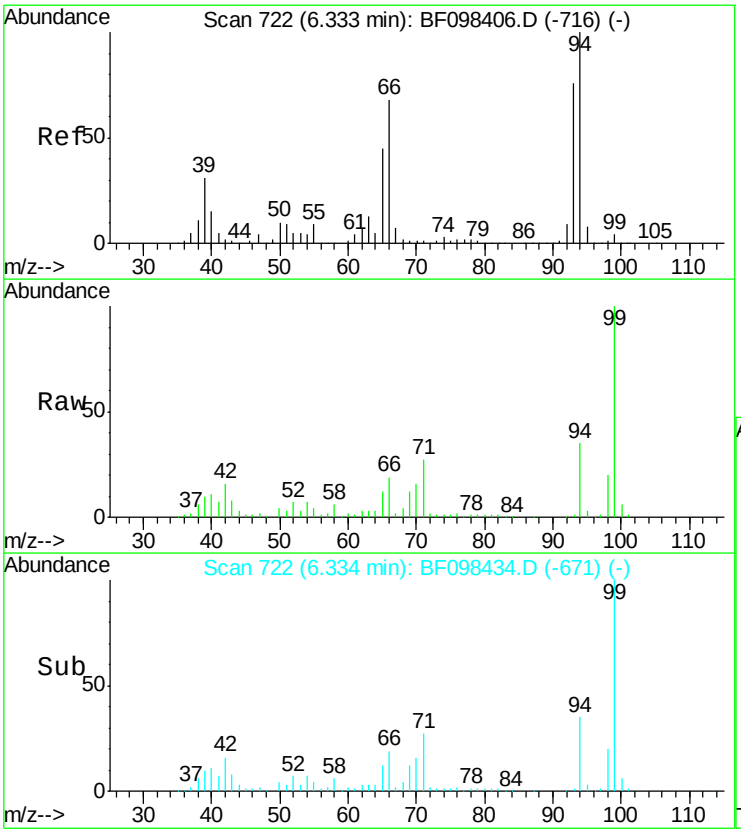
#7
Phenol-d6
Concen: 115.88 ng
RT: 6.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2241790

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	33.7	24.5	36.7

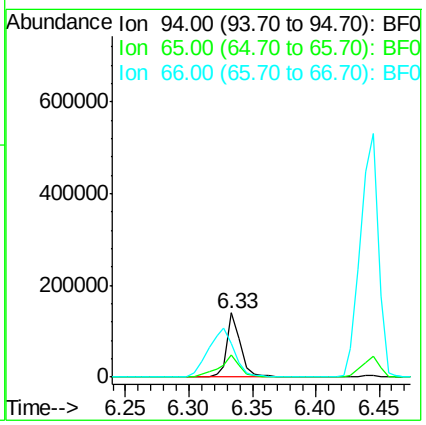


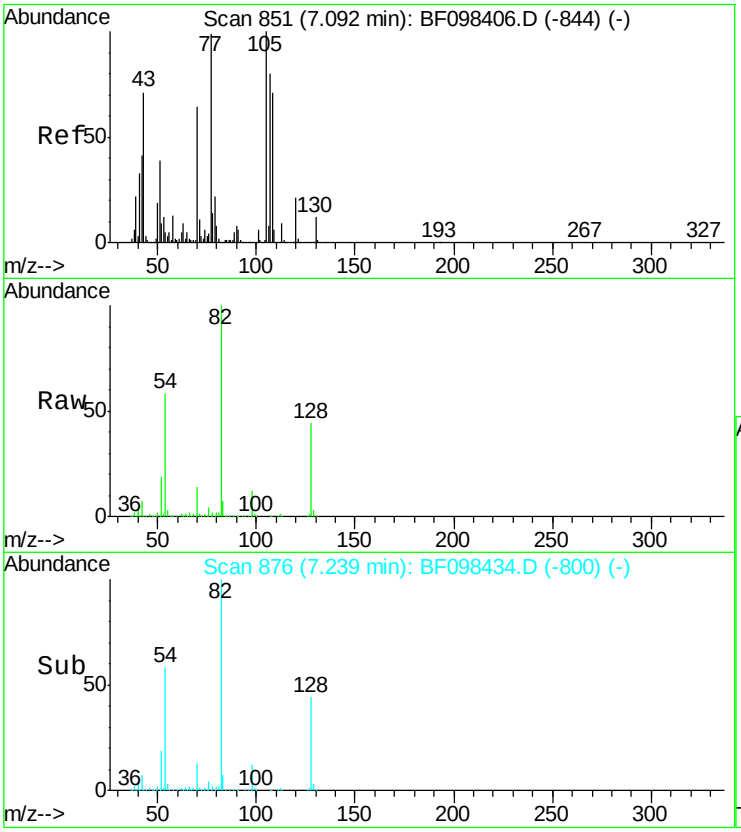


#10
Phenol
Concen: 4.60 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion: 94 Resp: 103422

Ion	Ratio	Lower	Upper
94	100		
65	35.1	9.9	49.9
66	53.2	23.1	63.1



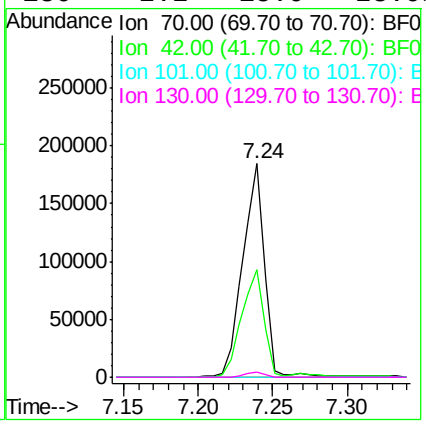


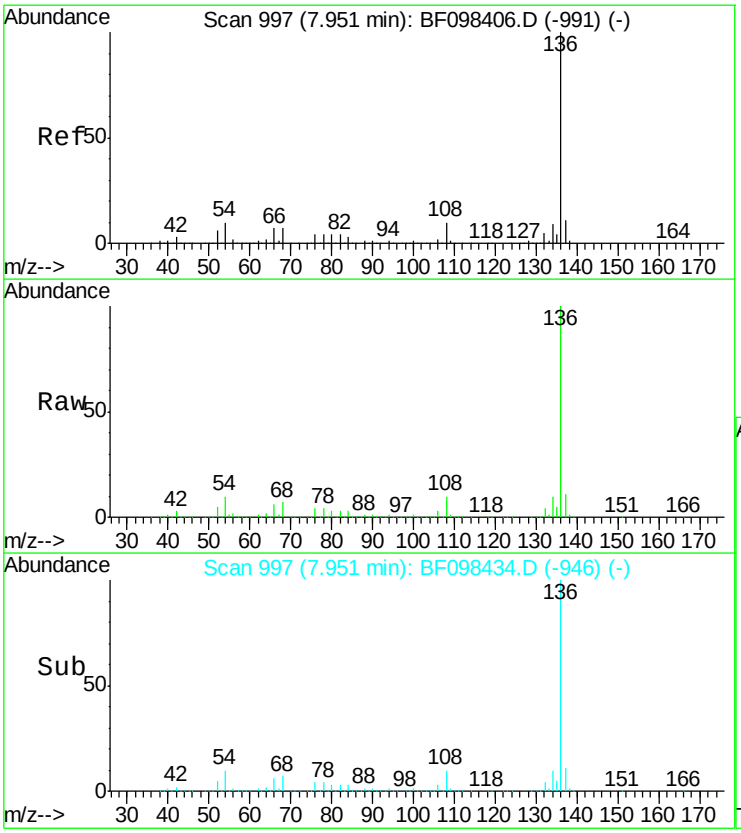
#19
n-Nitroso-di-n-propylamine
Concen: 15.41 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.15 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 187578

Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

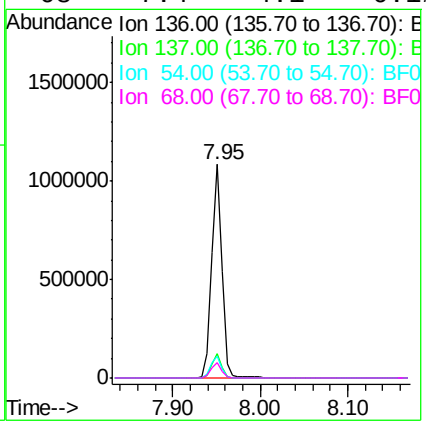


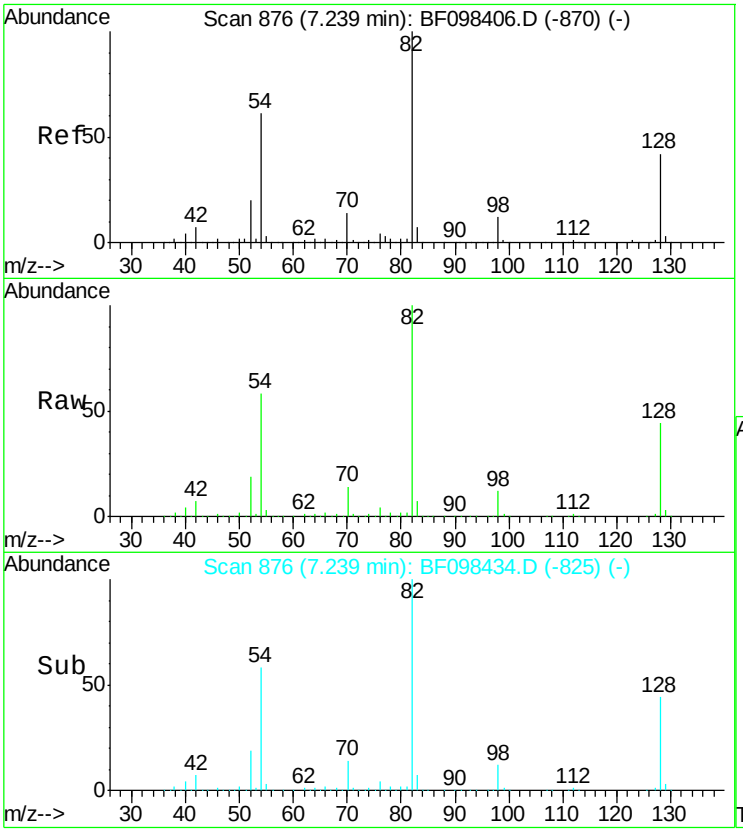


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion:136 Resp: 894576

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.3	4.9	7.3#
68	7.4	4.1	6.1#



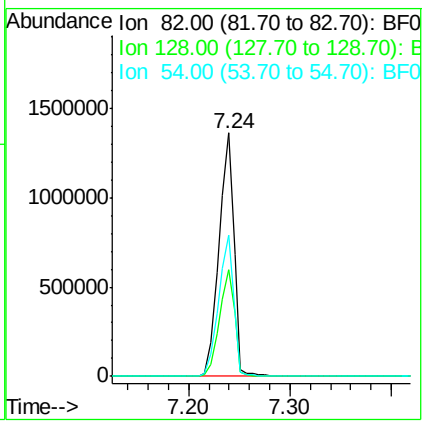


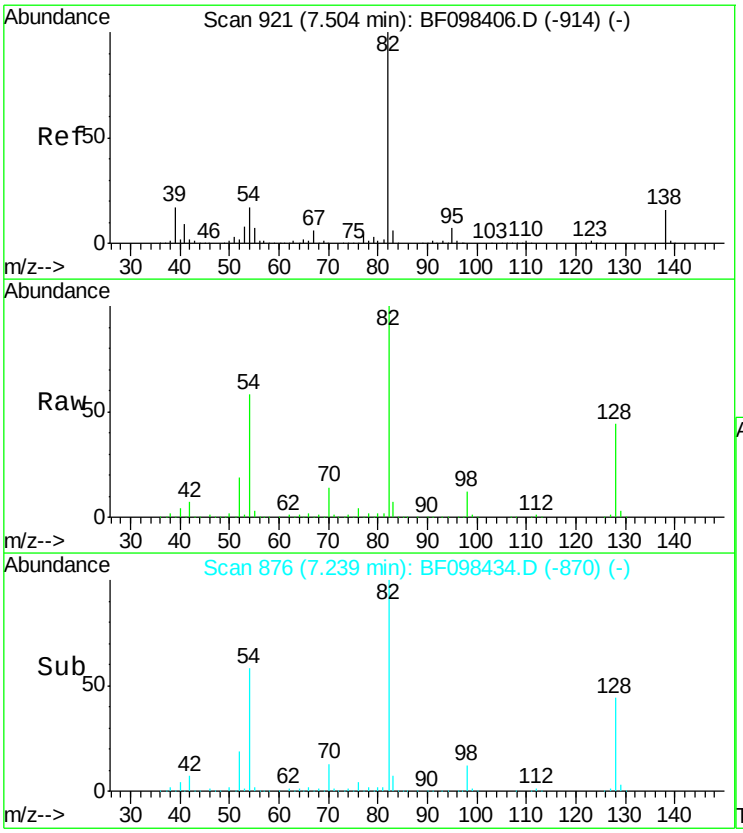
#23
Nitrobenzene-d5
Concen: 87.43 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1402900

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.0	51.0
54	57.9	42.2	63.2

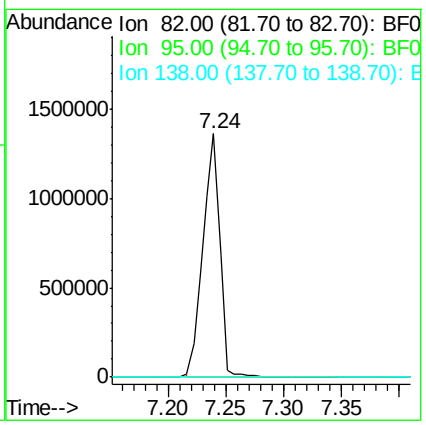


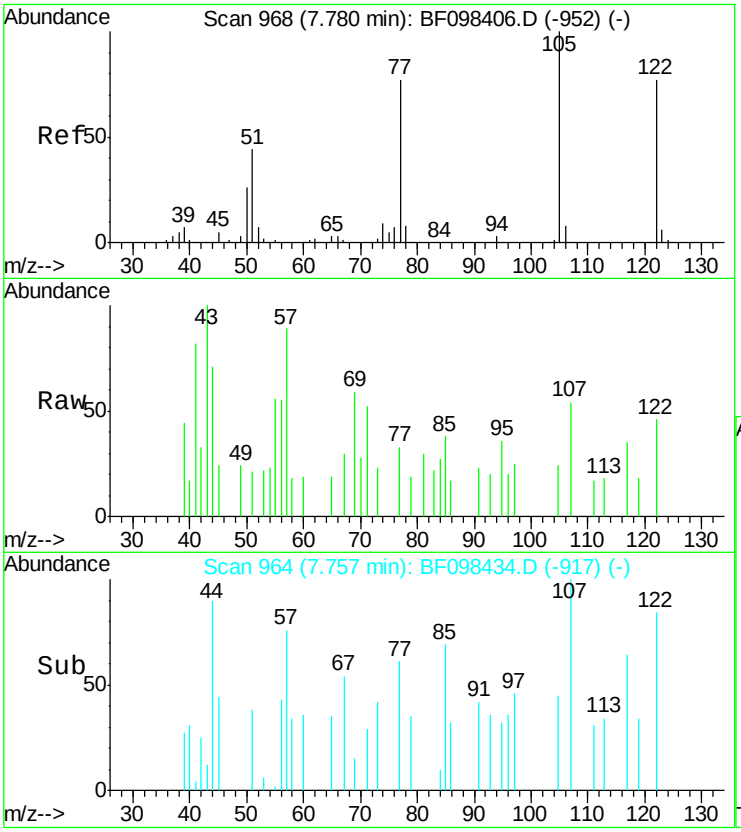


#25
Isophorone
Concen: 42.58 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.26 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion: 82 Resp: 1382382

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



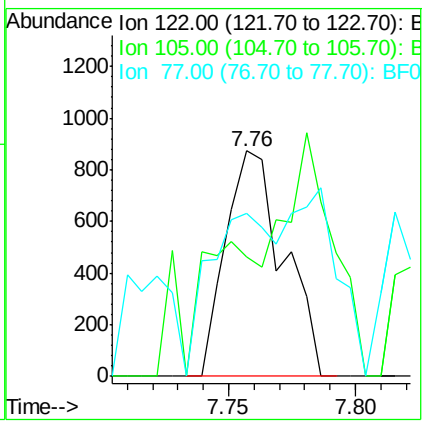


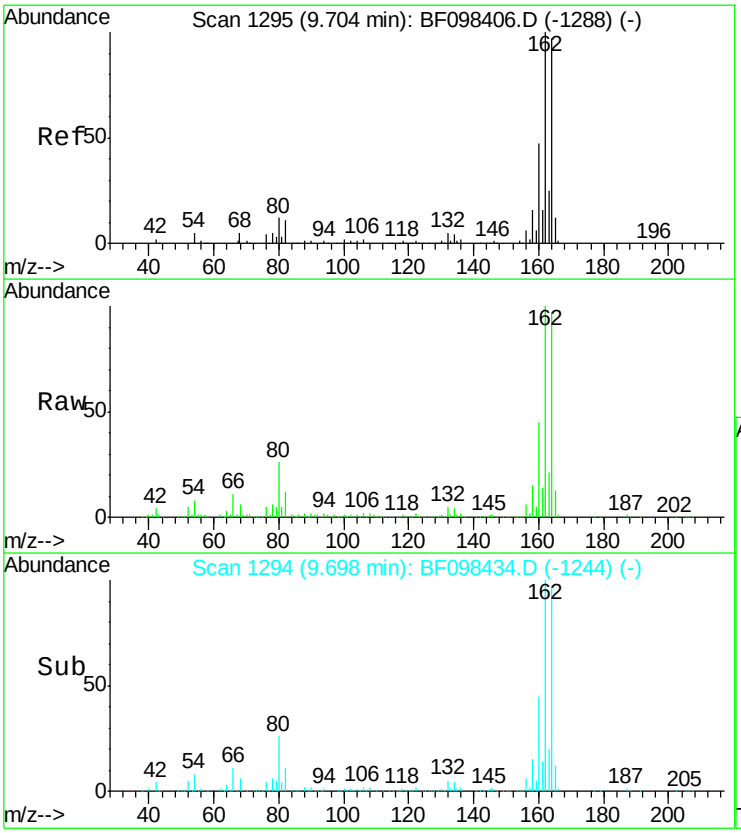
#32
Benzoic acid
Concen: 8.09 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1382

Ion	Ratio	Lower	Upper
122	100		
105	52.9	103.3	143.3#
77	72.2	73.7	113.7#

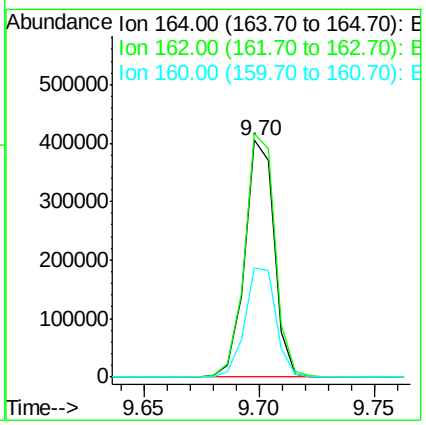


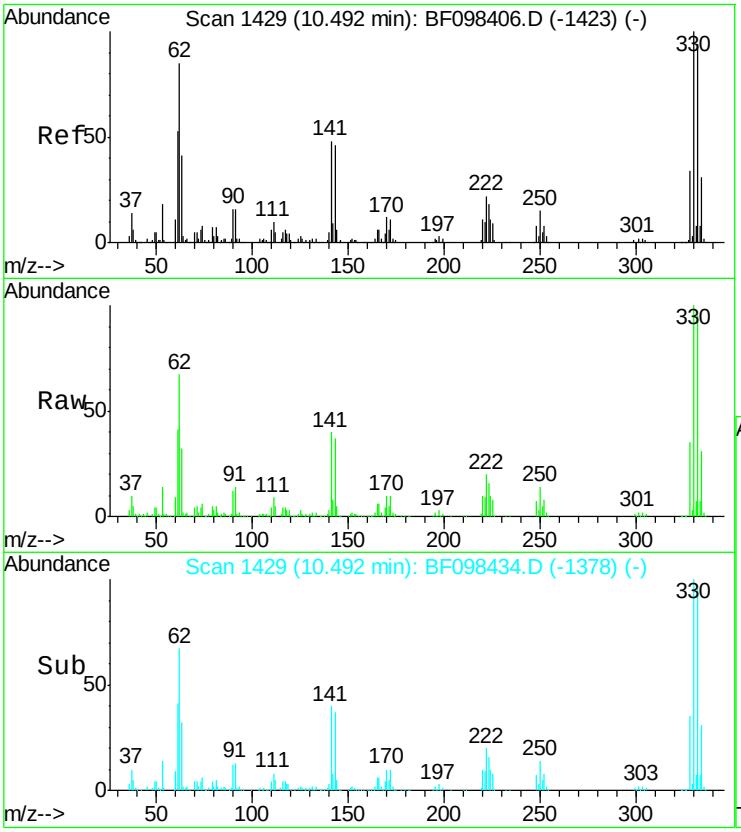


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion:164 Resp: 361593

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	46.2	36.2	54.2



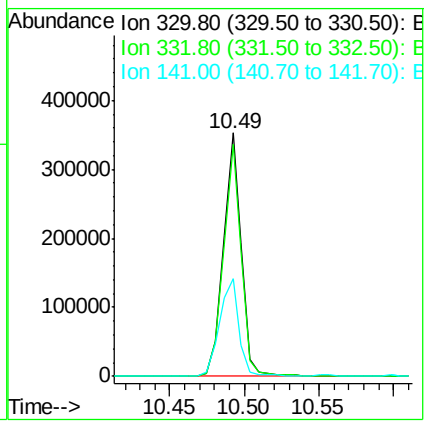


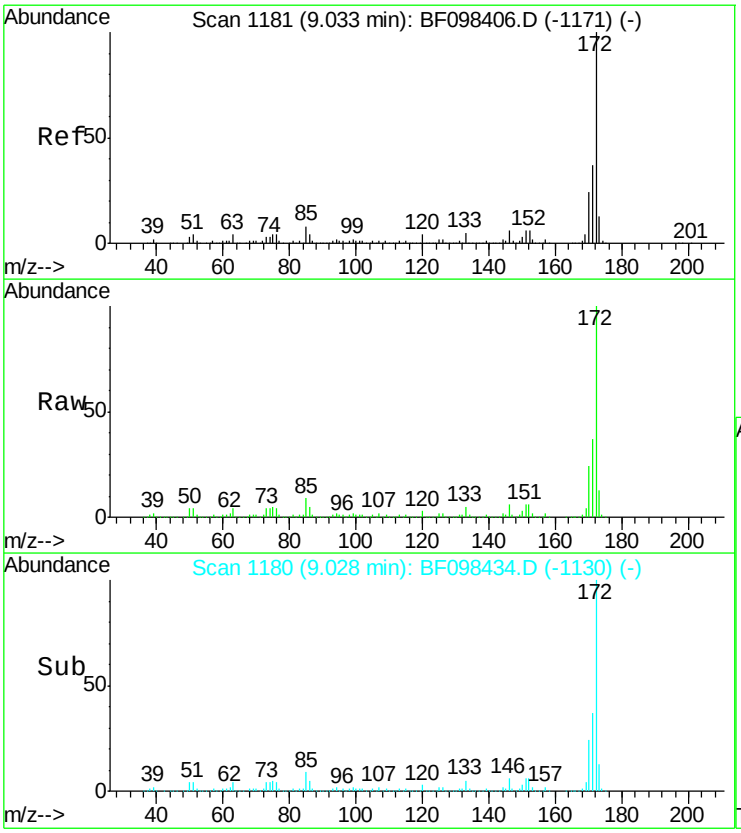
#41
2,4,6-Tribromophenol
Concen: 124.55 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 300575

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	43.6	31.4	47.2

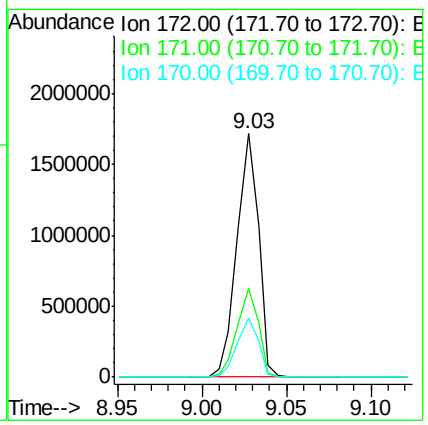


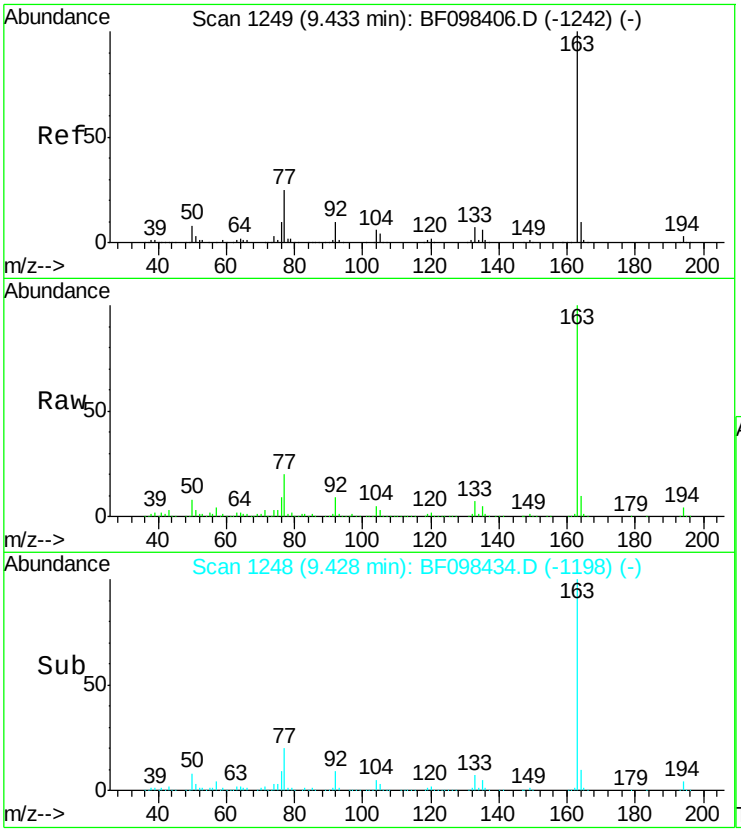


#44
2-Fluorobiphenyl
Concen: 72.18 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion:172 Resp: 1539987

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.4	19.8	29.8



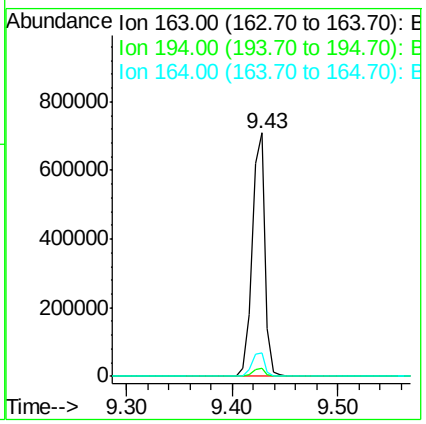


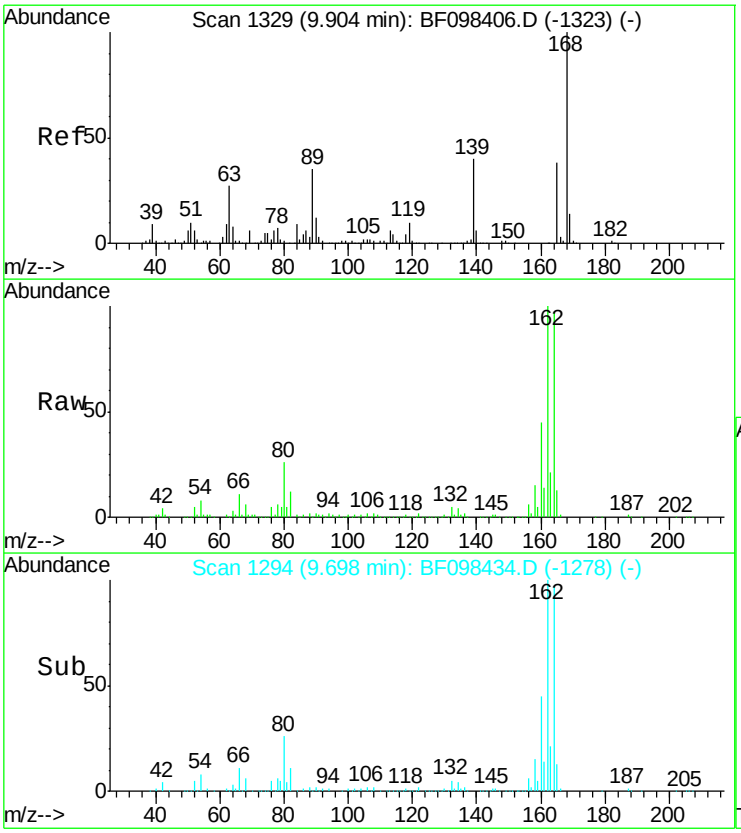
#49
Dimethylphthalate
Concen: 21.49 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 601599

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.8	8.4	12.6

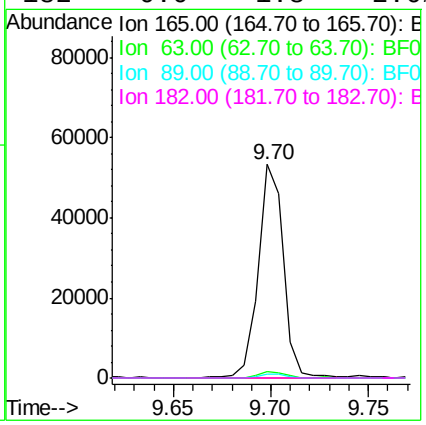


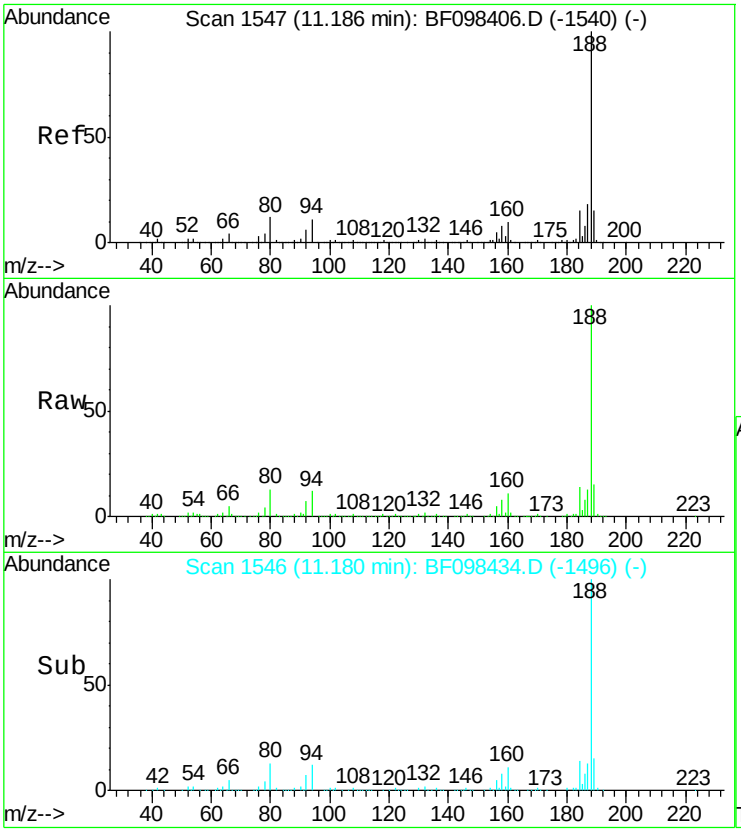


#56
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.21 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion:165 Resp: 47699

Ion	Ratio	Lower	Upper
165	100		
63	2.7	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



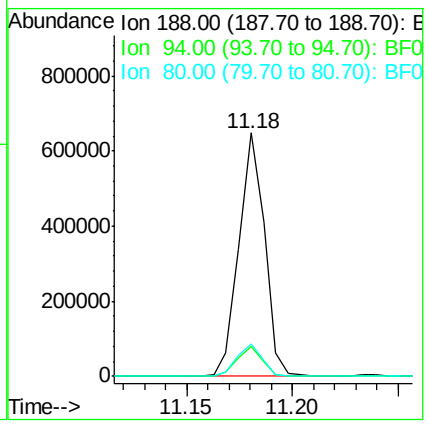


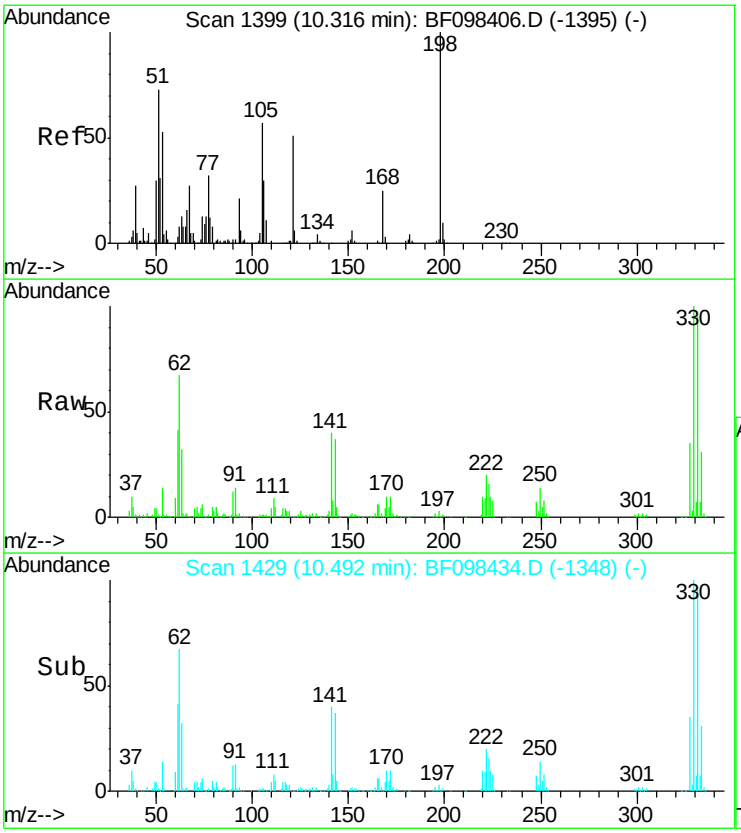
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 542477

Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.4	14.2
80	13.5	10.2	15.2

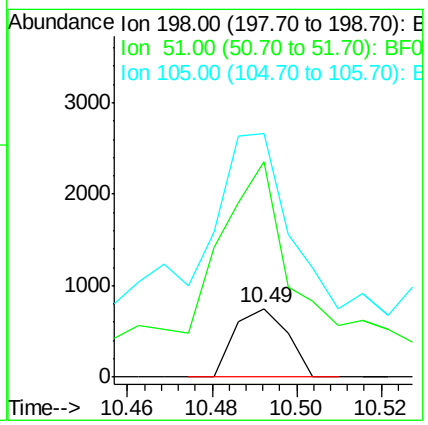


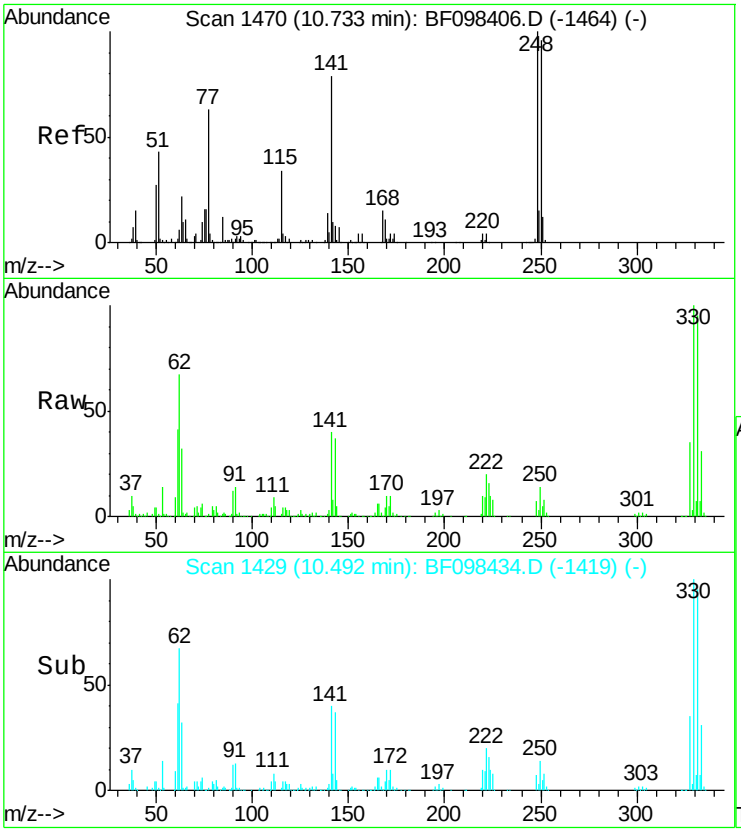


#64
4,6-Dinitro-2-methylphenol
Concen: 5.14 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.18 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion:198 Resp: 648

Ion	Ratio	Lower	Upper
198	100		
51	313.7	53.2	93.2#
105	354.0	45.8	85.8#



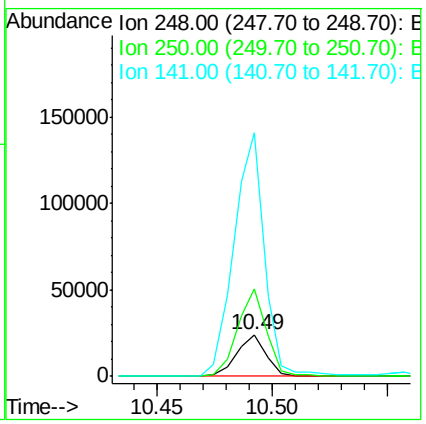


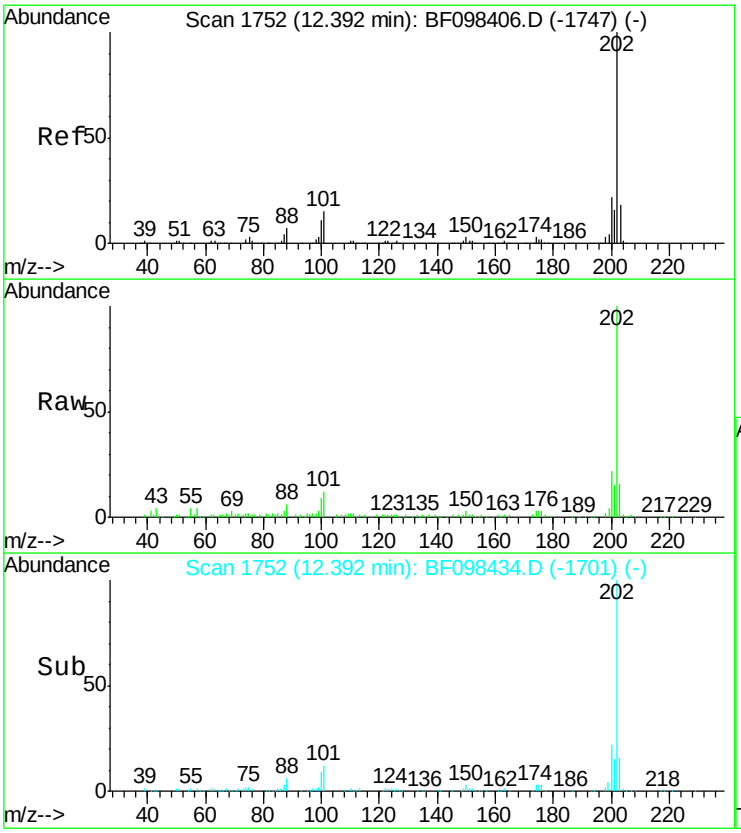
#66
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.24 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 21653

Ion	Ratio	Lower	Upper
248	100		
250	209.4	76.8	115.2#
141	580.9	68.6	103.0#

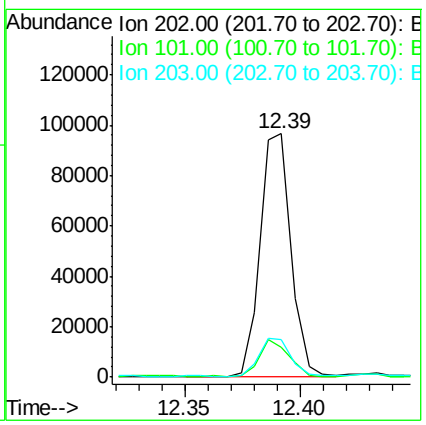


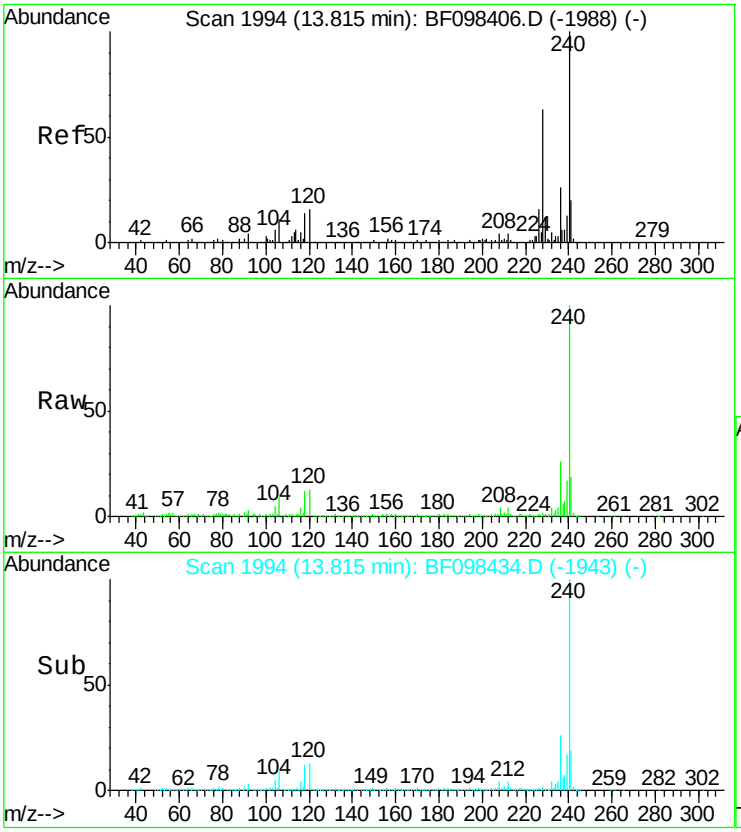


#74
Fluoranthene
Concen: 3.14 ng
RT: 12.39 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion:202 Resp: 90367

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.2
203	15.6	0.0	38.1



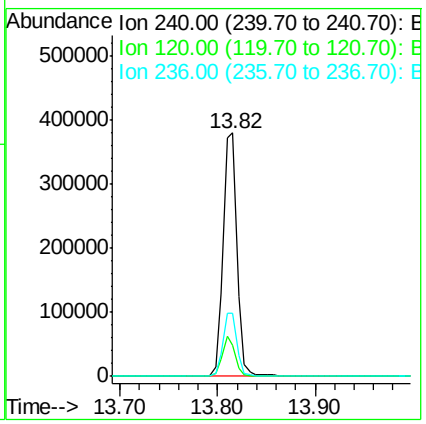


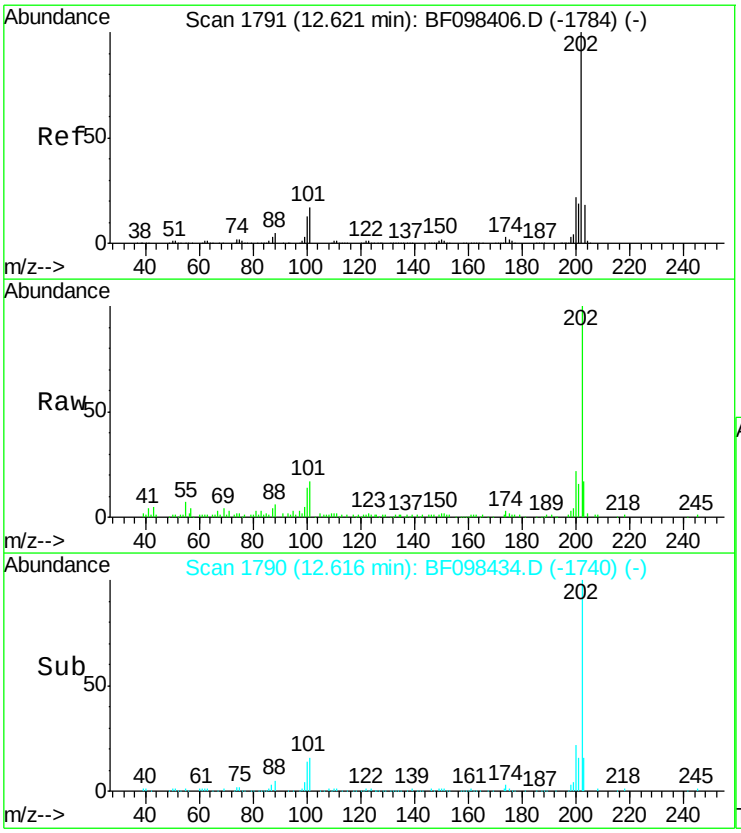
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 376760

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	25.9	20.5	30.7

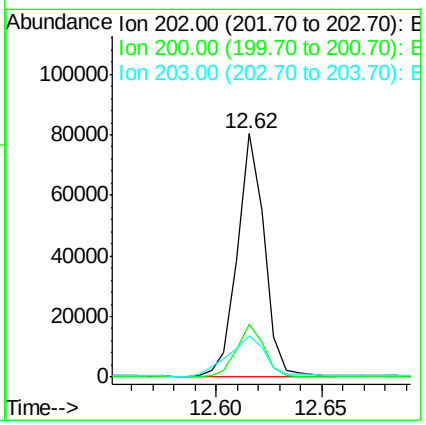


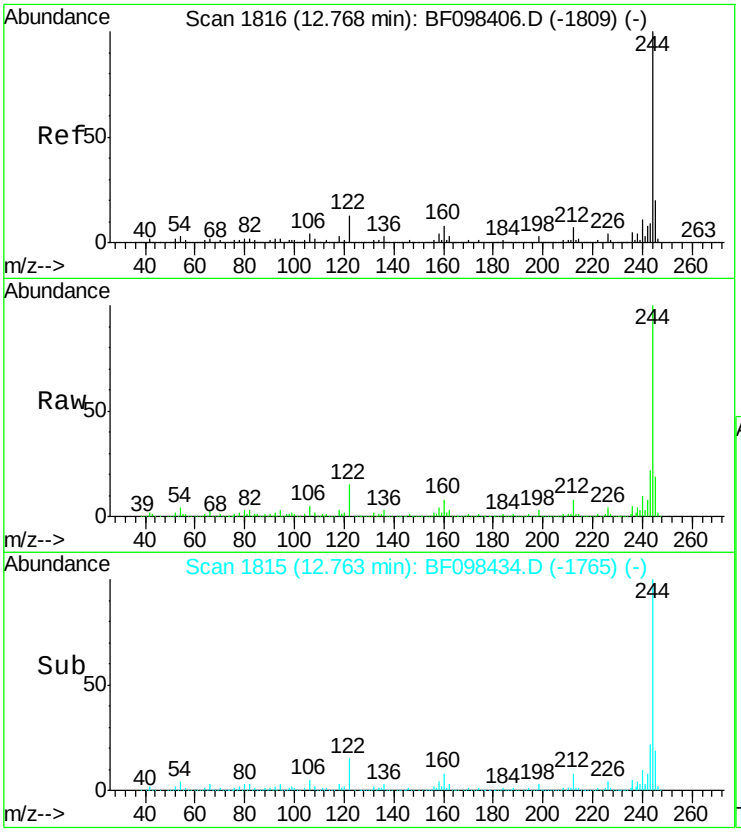


#77
Pyrene
Concen: 2.42 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion:202 Resp: 71883

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	16.8	14.4	21.6



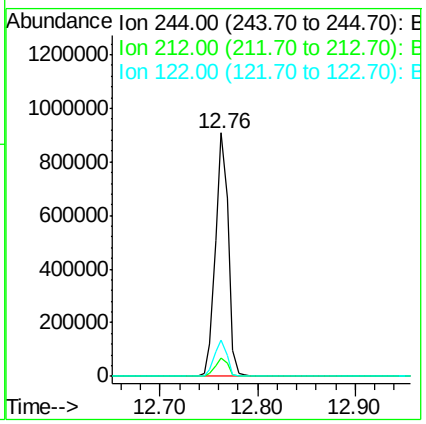


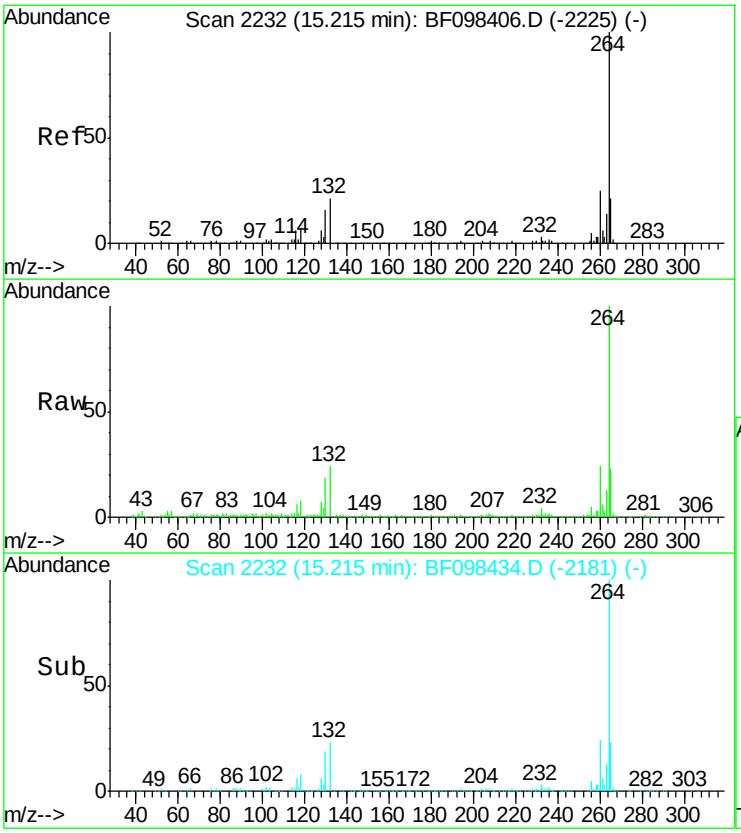
#78
Terphenyl-d14
Concen: 47.35 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 826520

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.7	10.3	15.5

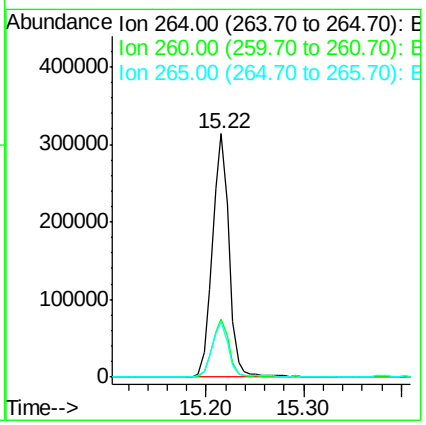


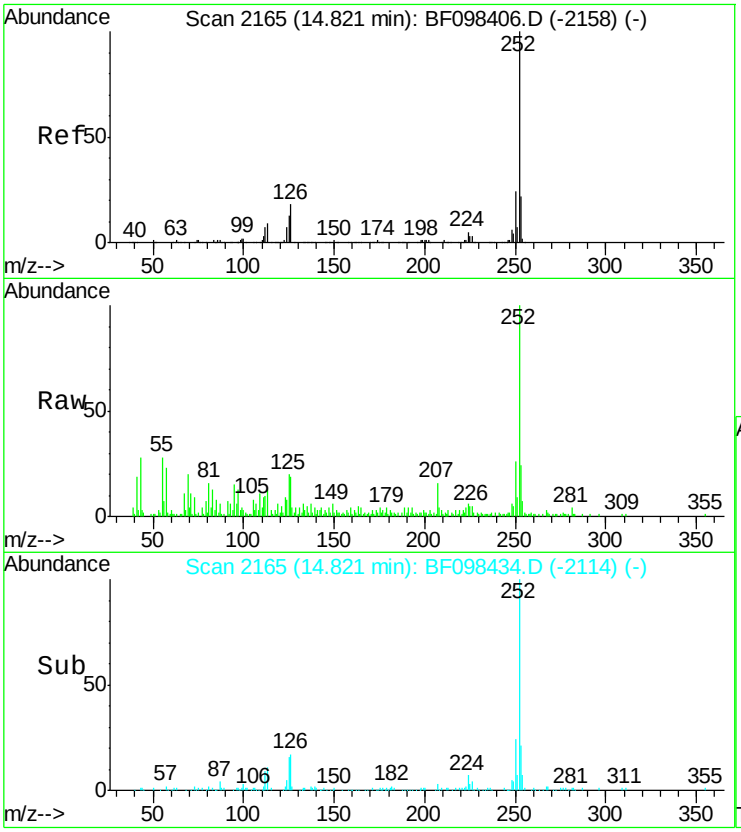


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion:264 Resp: 369004

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.7	17.2	25.8



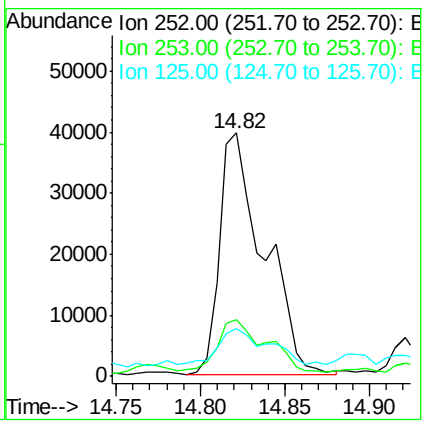


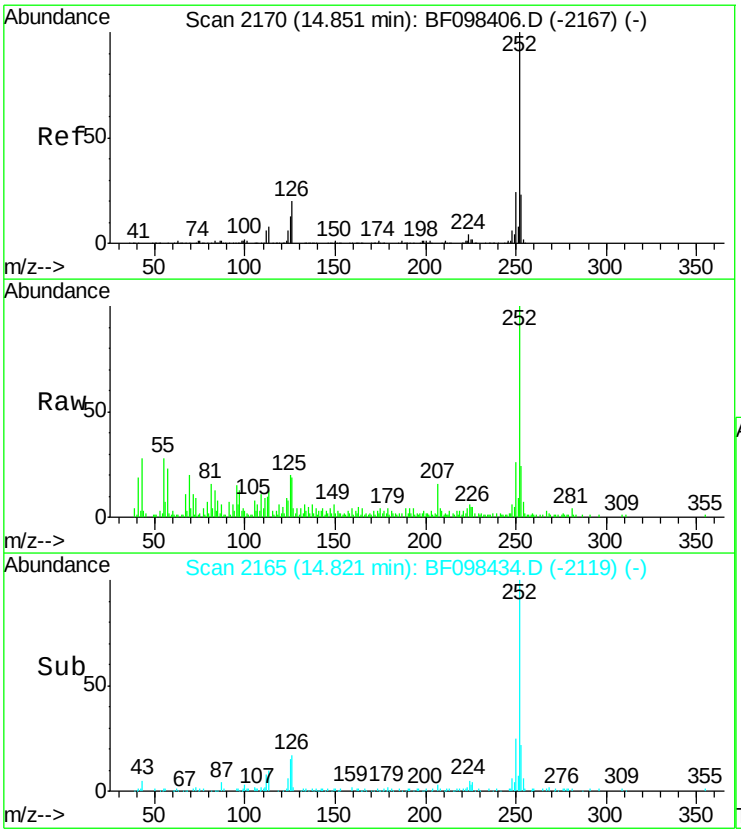
#87
Benzo(b)fluoranthene
Concen: 3.08 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 71521

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	19.5	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 3.30 ng
RT: 14.82 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion:252 Resp: 71521

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	19.5	13.1	19.7