Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\

Quantitation Report (Not Reviewed)

Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Time: Jul 21 03:27:04 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	105205	20.00	ng		-0.03
21) Naphthalene-d8	7.85	136	484932	20.00	ng		-0.04
38) Acenaphthene-d10	9.60	164	182336	20.00	ng		-0.04
63) Phenanthrene-d10	11.07	188	312705	20.00	ng		-0.03
75) Chrysene-d12	13.70	240	192817	20.00	ng		-0.04
86) Perylene-d12	15.07	264	190161	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	641409	91.67	ng		-0.02
7) Phenol-d6	6.23	99	771239	91.85	ng		-0.02
23) Nitrobenzene-d5	7.13	82	475066	60.68	ng		-0.04
41) 2,4,6-Tribromophenol	10.39	330	158995	102.16	ng		-0.04
44) 2-Fluorobiphenyl	8.93	172	814709	70.59	ng		-0.03
78) Terphenyl-d14	12.66	244	498832	44.87	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.23	94	19248	2.03	ng	#	57
19) n-Nitroso-di-n-propylamine	7.13	70	62292	12.31	ng	#	86
25) Isophorone	7.13	82	456002	31.31	ng	#	67
49) Dimethylphthalate	9.33	163	176163	12.83	ng		98
56) 2,4-Dinitrotoluene	9.60	165	23505	6.15	ng	#	33
66) 4-Bromophenyl-phenylether	10.39	248	10434	3.27	ng	#	1
74) Fluoranthene	12.28	202	50342	3.09	ng		97
77) Pyrene	12.50	202	47697	2.73	ng		99
80) Benzo(a)anthracene	13.72	228	28743	2.39	ng		96
82) Chrysene	13.72	228	28743	2.43	ng		98
85) Indeno(1,2,3-cd)pyrene	16.49	276	2133	3.52	ng		93
87) Benzo(b)fluoranthene	14.70	252	53902	4.70	ng	#	94
88) Benzo(k)fluoranthene	14.70	252	53902	4.96	ng		98
89) Benzo(a)pyrene	15.01	252	29492	2.80	ng	#	90

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\

Quantitation Report (Not Reviewed)

Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
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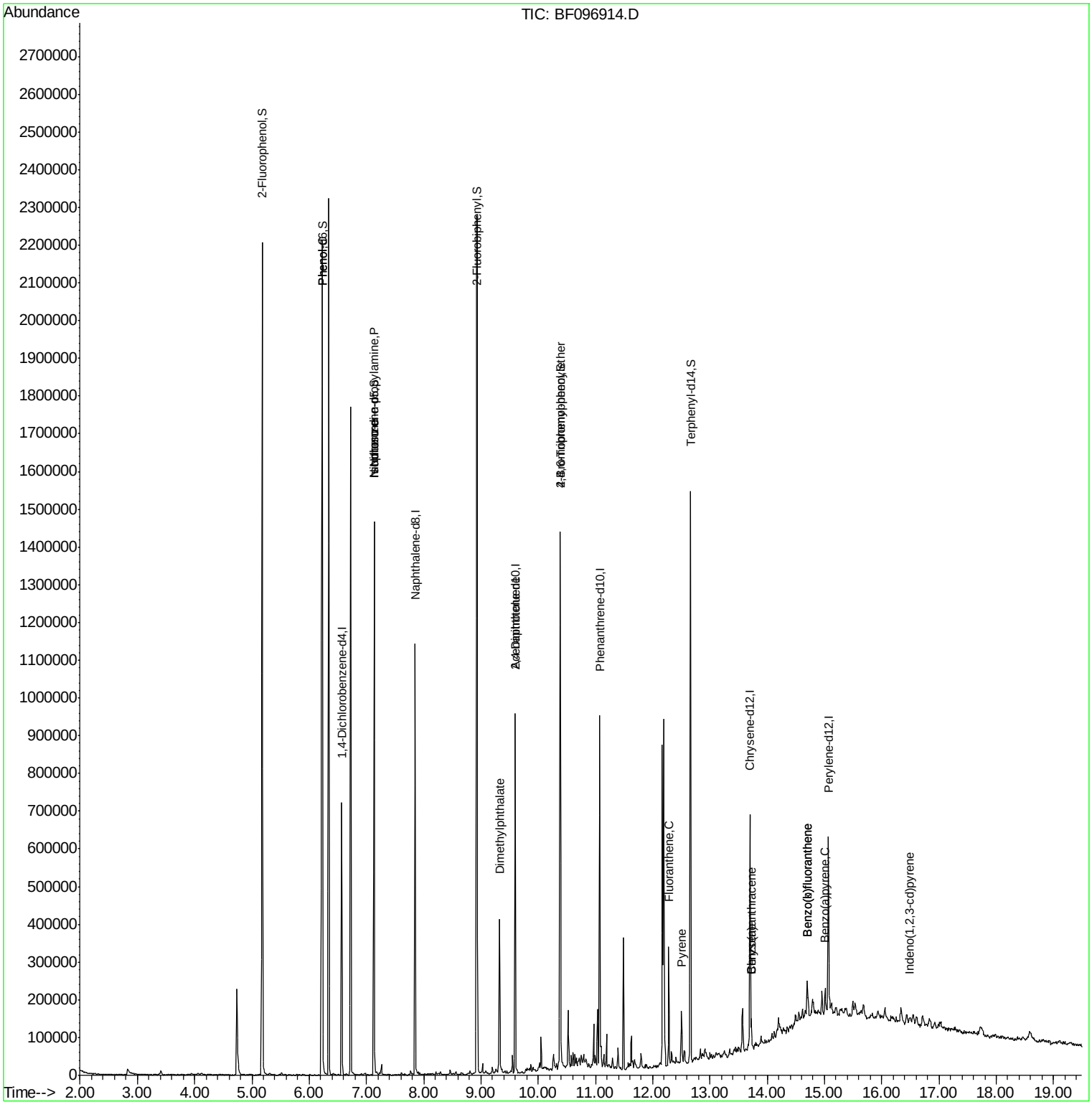
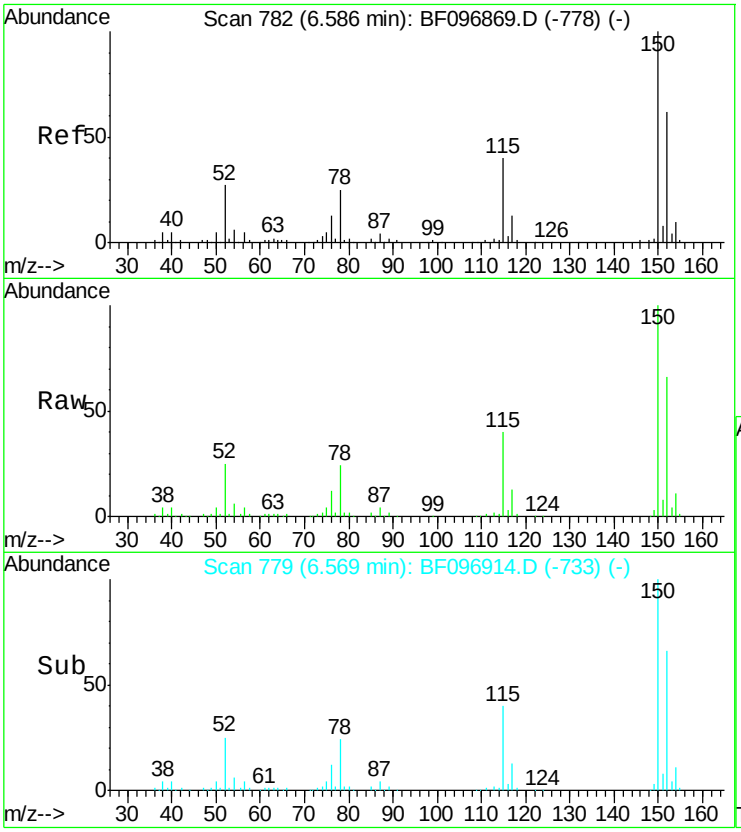
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Time: Jul 21 03:27:04 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration



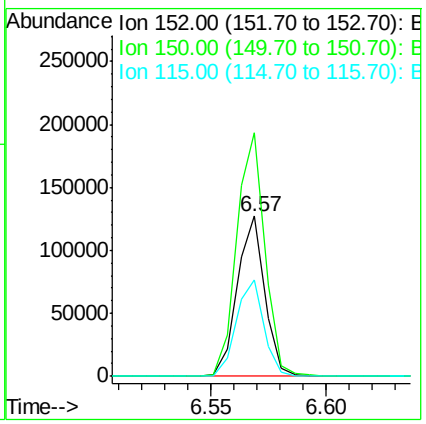


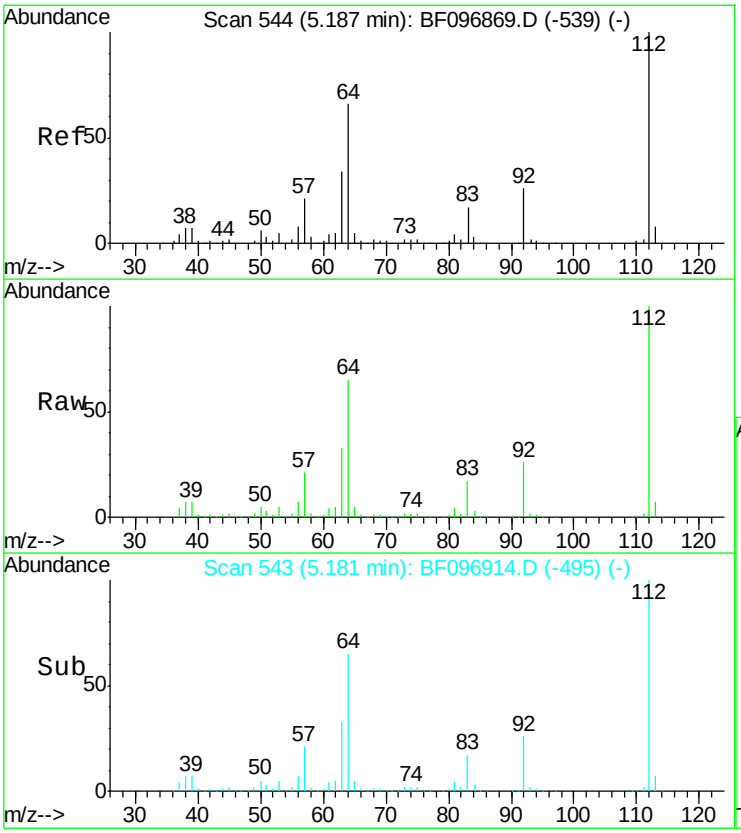
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion:152 Resp: 105205

Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.2
115	60.3	52.2	78.2

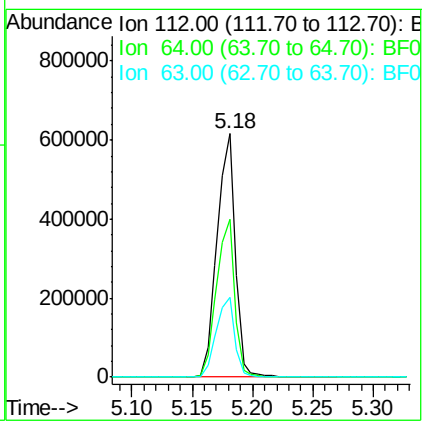


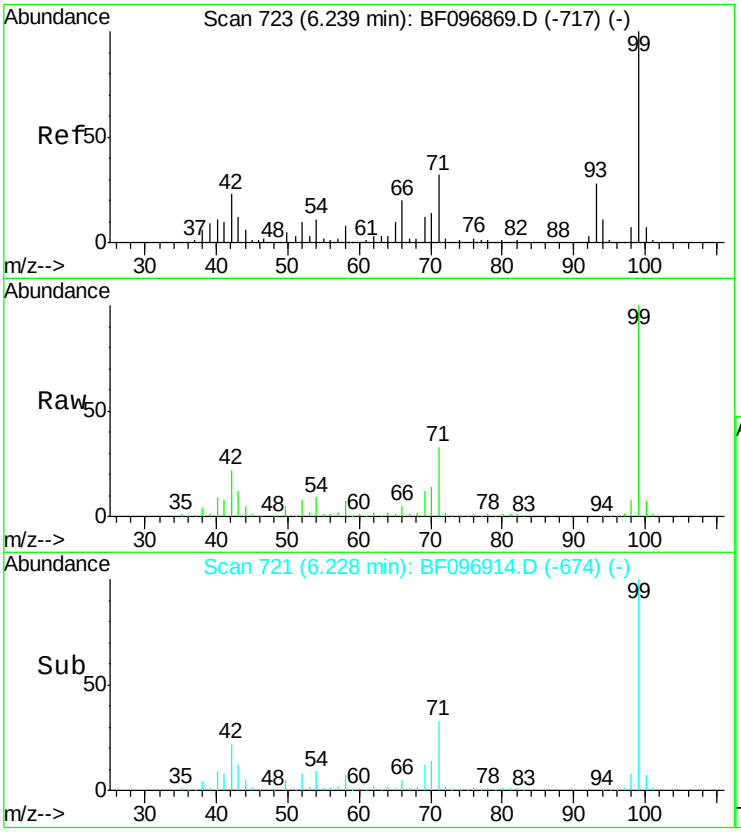


#5
2-Fluorophenol
Concen: 91.67 ng
RT: 5.18 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion:112 Resp: 641409

Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	32.7	23.4	35.0



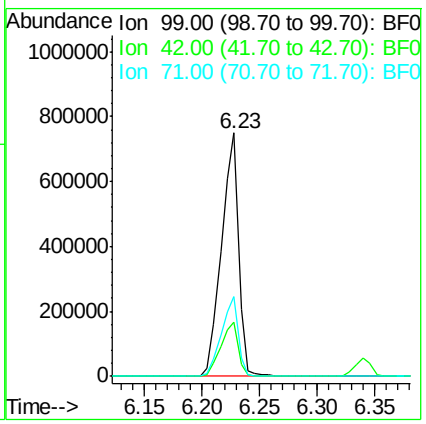


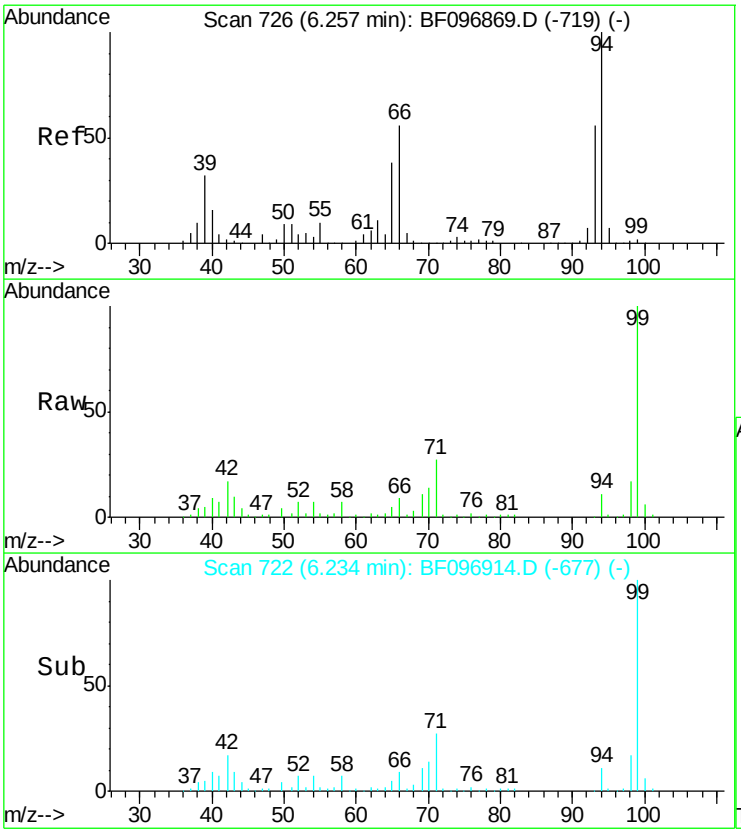
#7
Phenol-d6
Concen: 91.85 ng
RT: 6.23 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion: 99 Resp: 771239

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	32.7	24.5	36.7

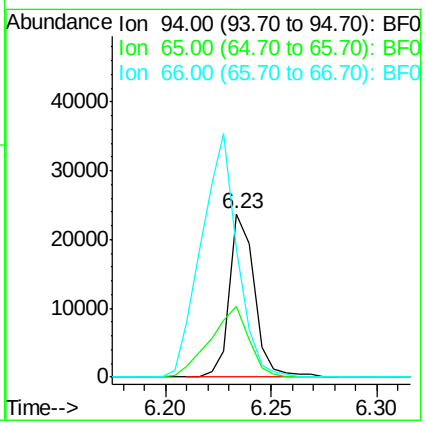


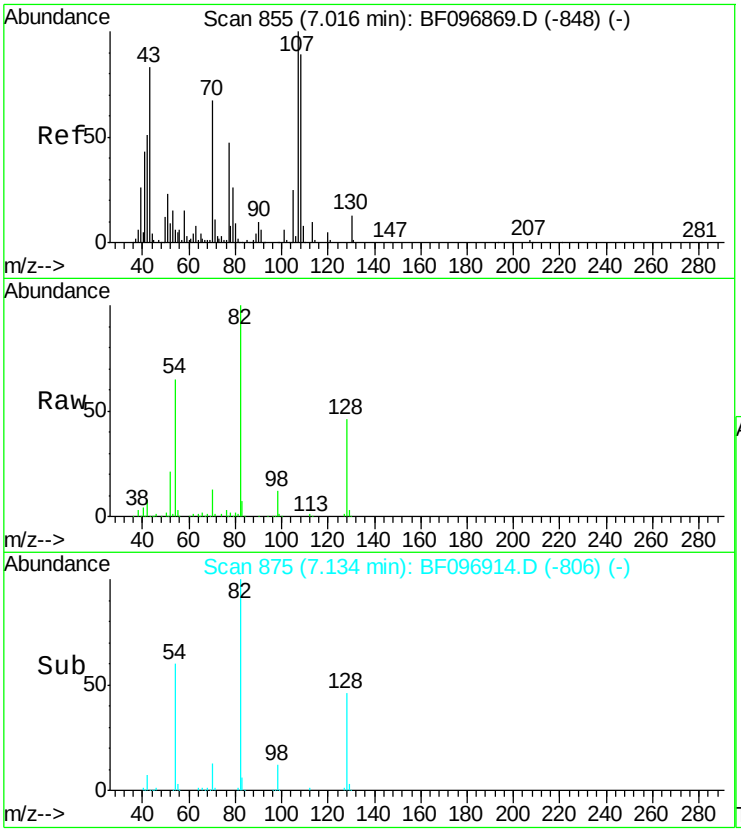


#10
Phenol
Concen: 2.03 ng
RT: 6.23 min Scan# 722
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion: 94 Resp: 19248

Ion	Ratio	Lower	Upper
94	100		
65	43.6	9.9	49.9
66	78.6	23.1	63.1#



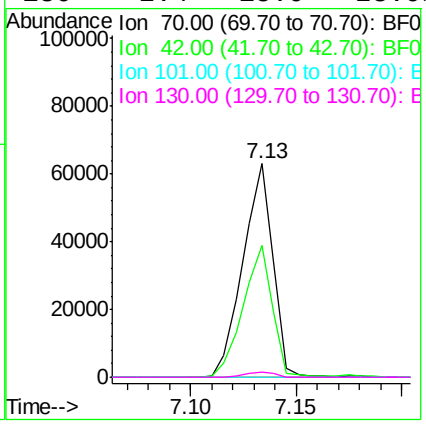


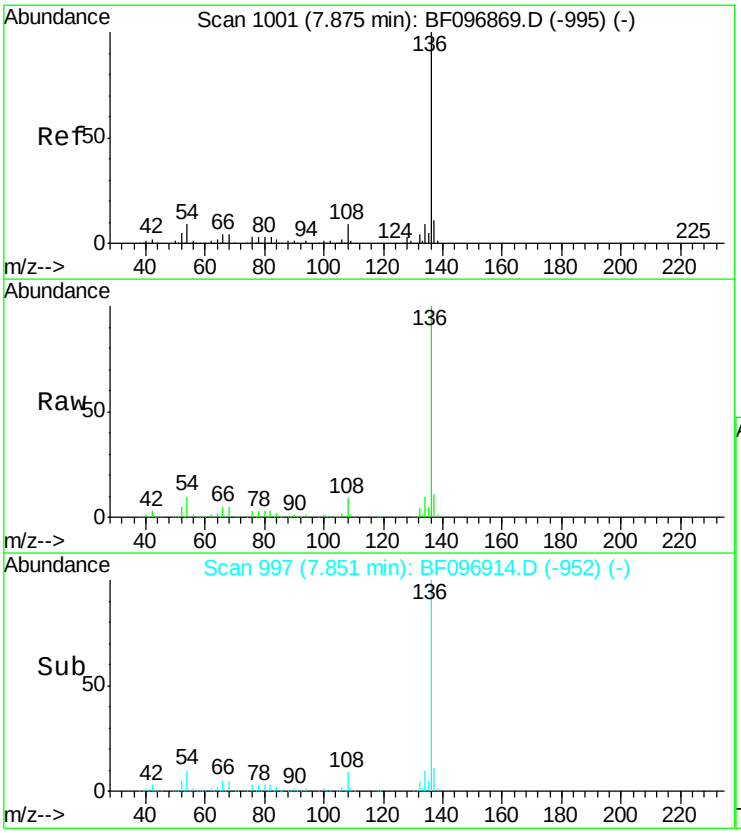
#19
n-Nitroso-di-n-propylamine
Concen: 12.31 ng
RT: 7.13 min Scan# 875
Delta R.T. 0.11 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion: 70 Resp: 62292

Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

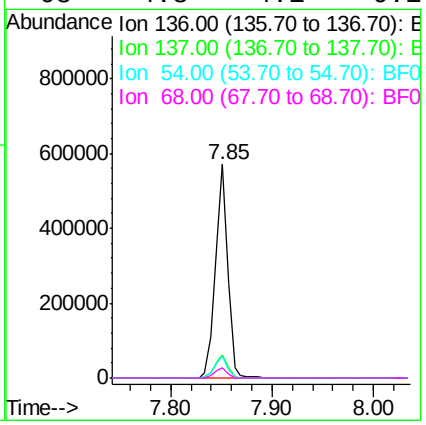


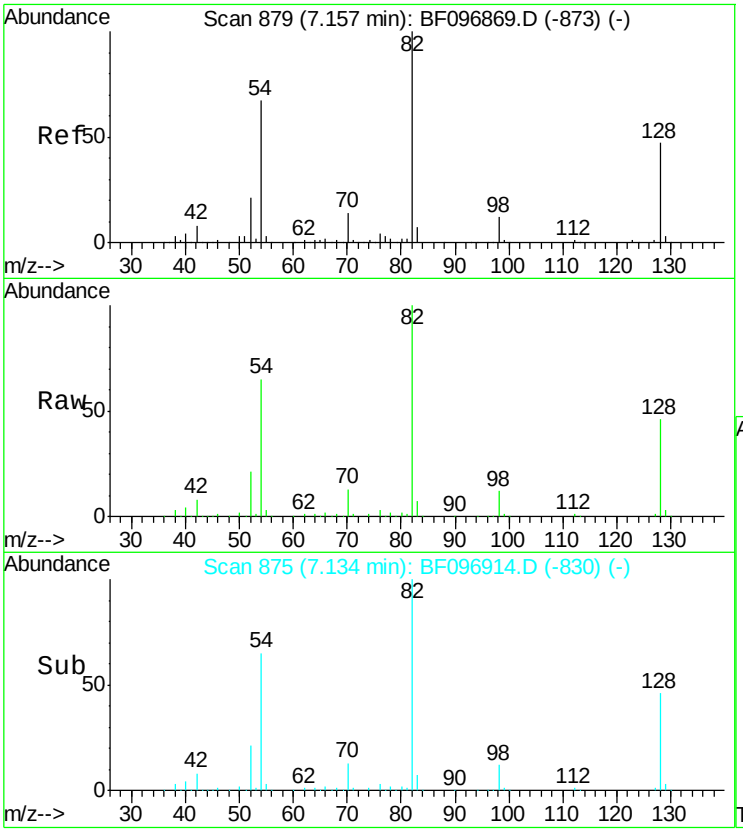


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion:136 Resp: 484932

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.4	4.9	7.3#
68	4.8	4.1	6.1



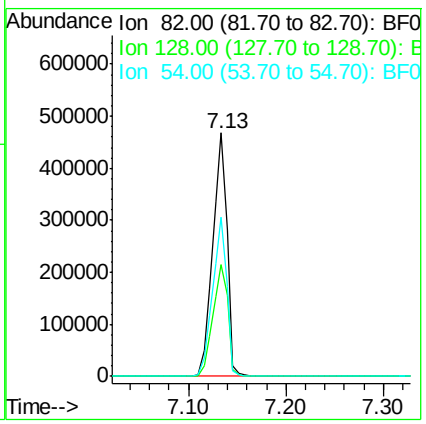


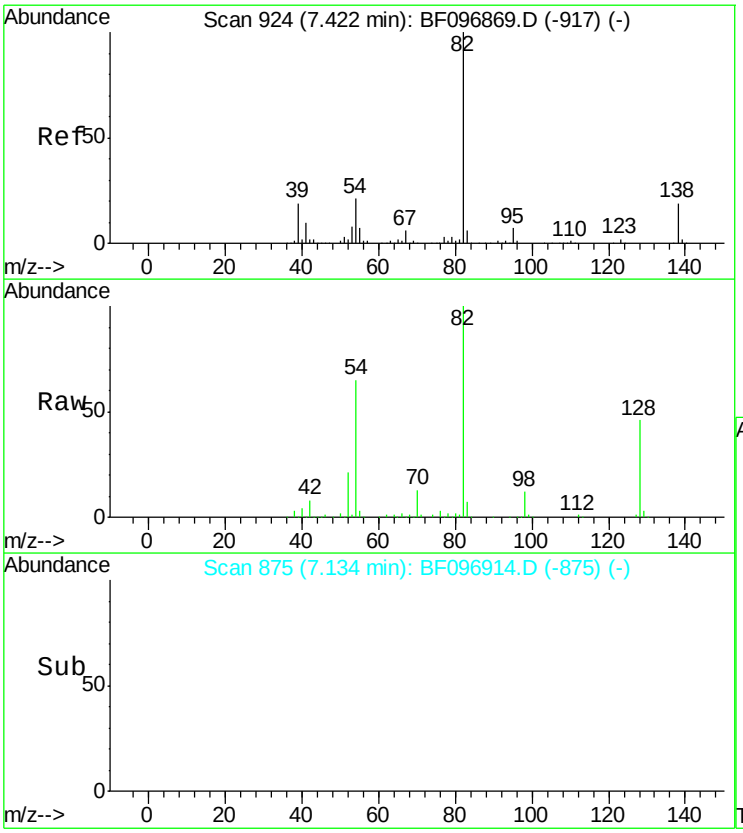
#23
Nitrobenzene-d5
Concen: 60.68 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion: 82 Resp: 475066

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	65.3	42.2	63.2#

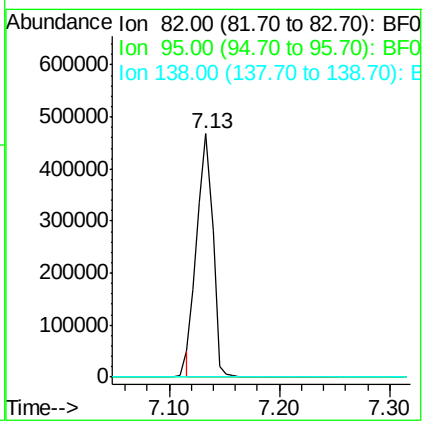


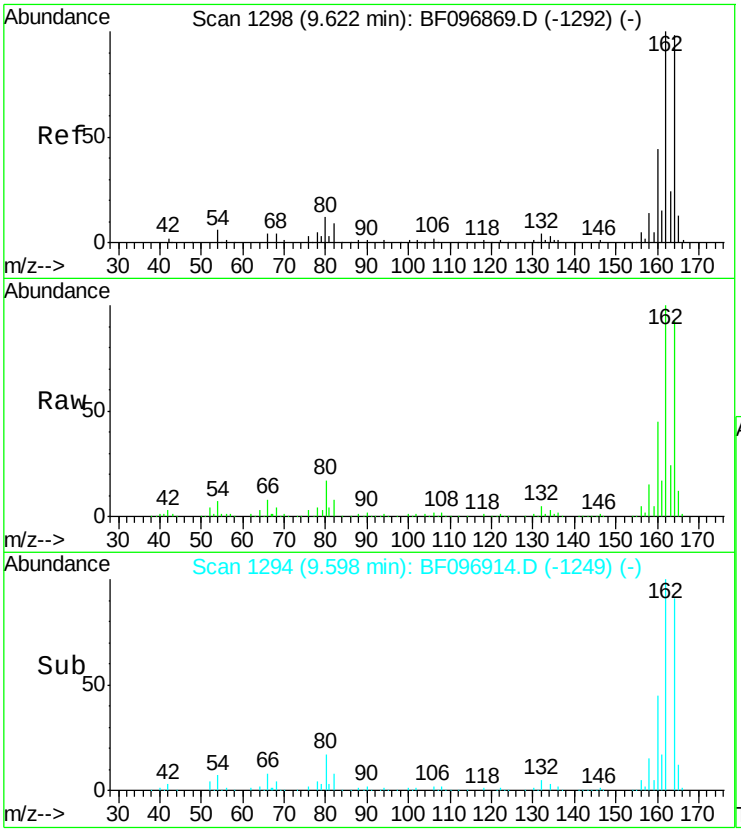


#25
Isophorone
Concen: 31.31 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.30 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion: 82 Resp: 456002

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



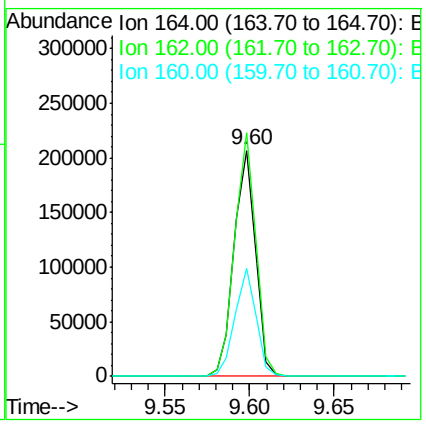


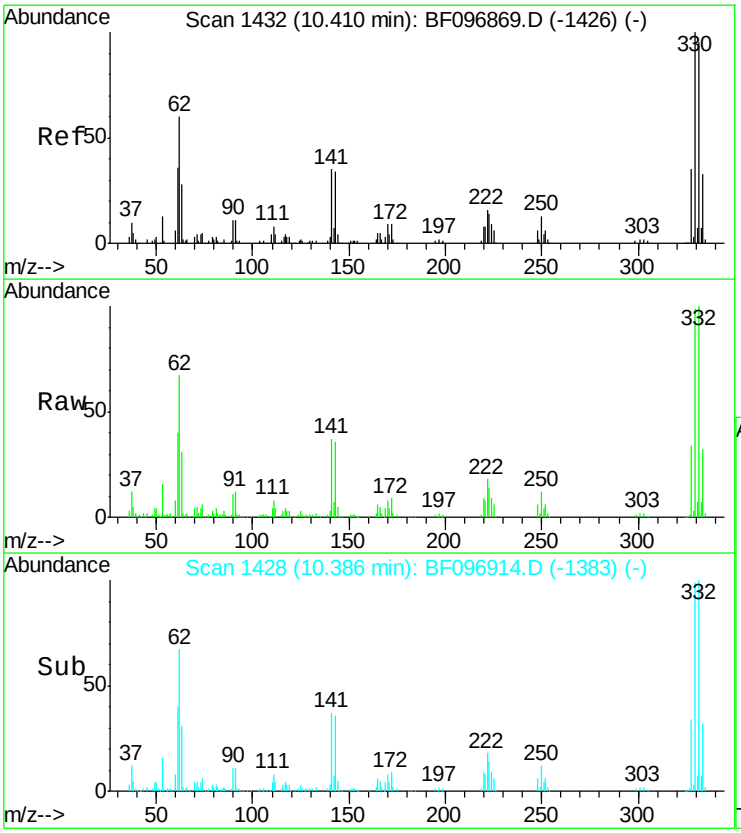
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion:164 Resp: 182336

Ion	Ratio	Lower	Upper
164	100		
162	107.7	82.6	123.8
160	47.9	36.2	54.2

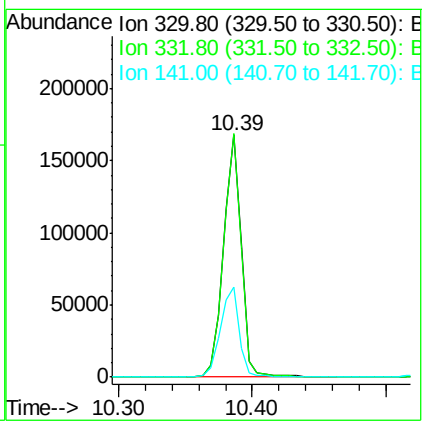


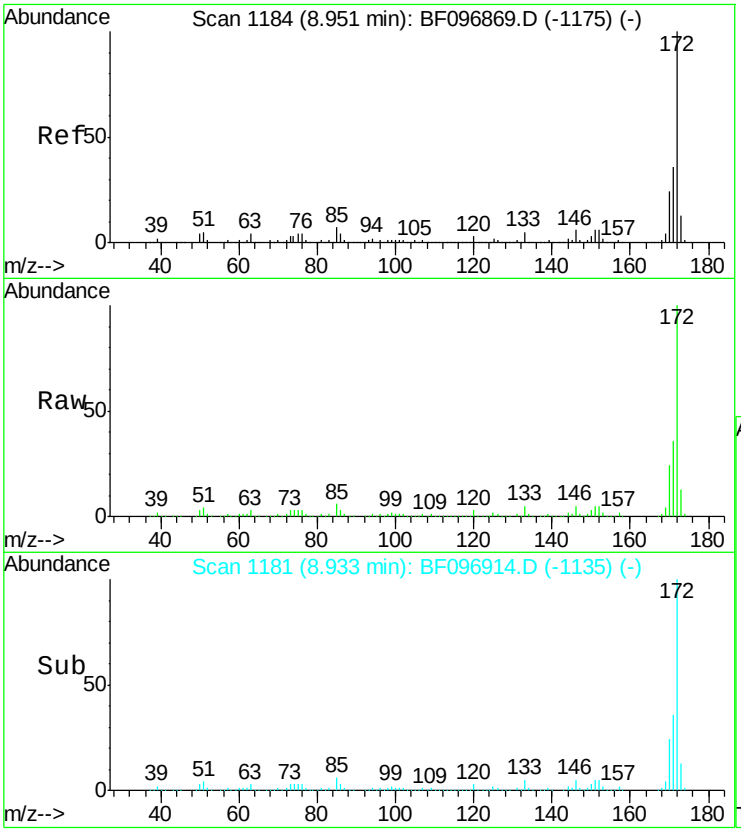


#41
2,4,6-Tribromophenol
Concen: 102.16 ng
RT: 10.39 min Scan# 1428
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion:330 Resp: 158995

Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.6	115.0
141	39.3	31.4	47.2



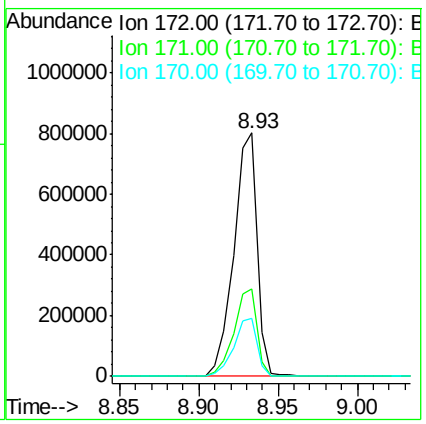


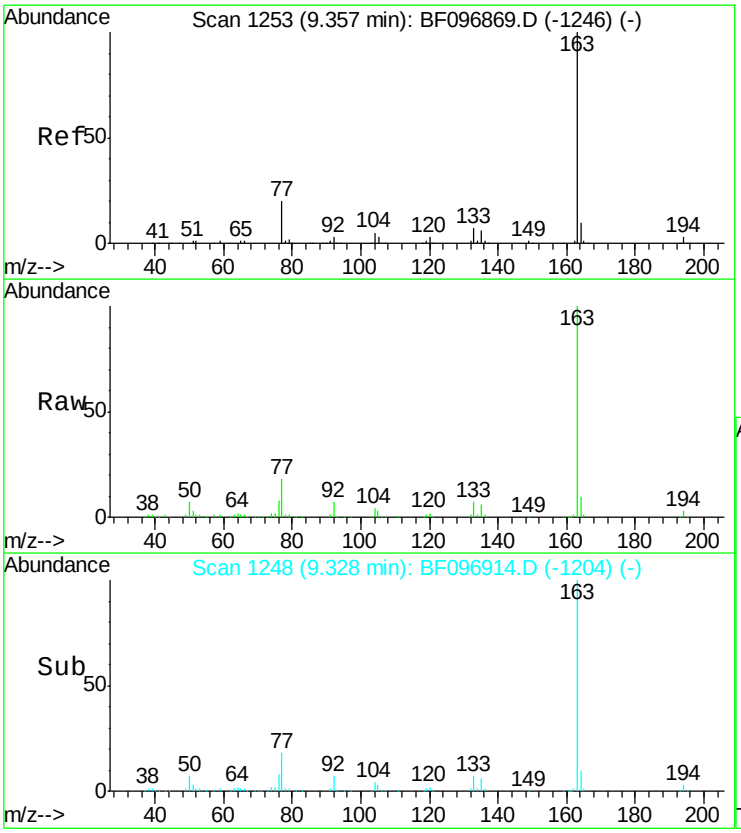
#44
2-Fluorobiphenyl
Concen: 70.59 ng
RT: 8.93 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion:172 Resp: 814709

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.9	19.8	29.8

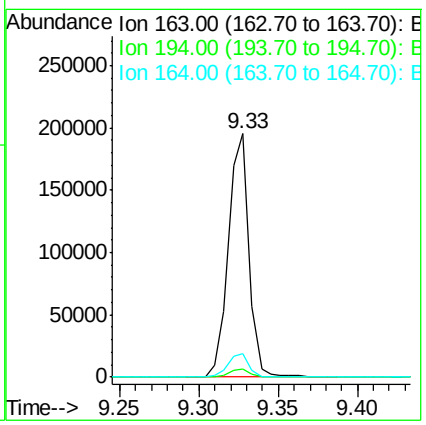


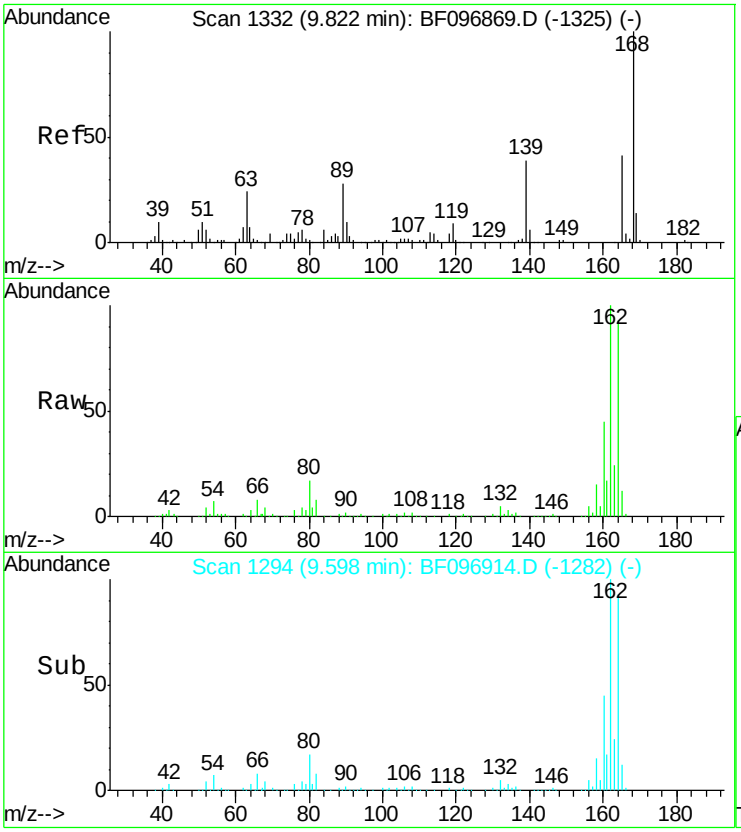


#49
Dimethylphthalate
Concen: 12.83 ng
RT: 9.33 min Scan# 1248
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion:163 Resp: 176163

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6



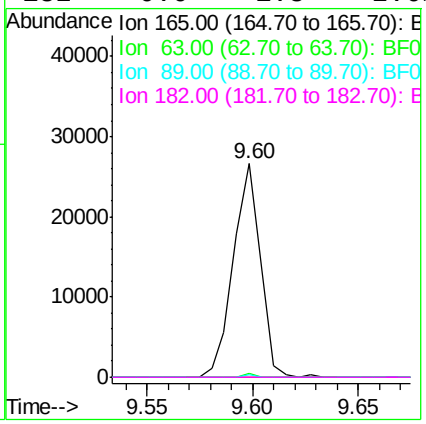


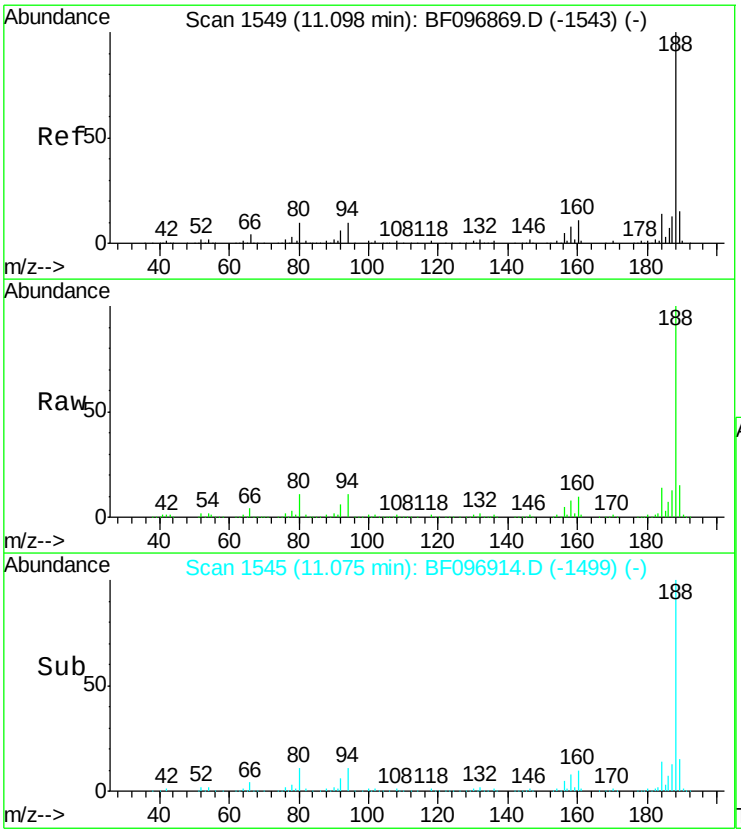
#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.23 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion:165 Resp: 23505

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

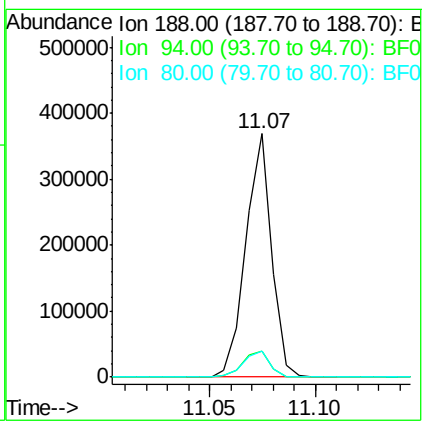


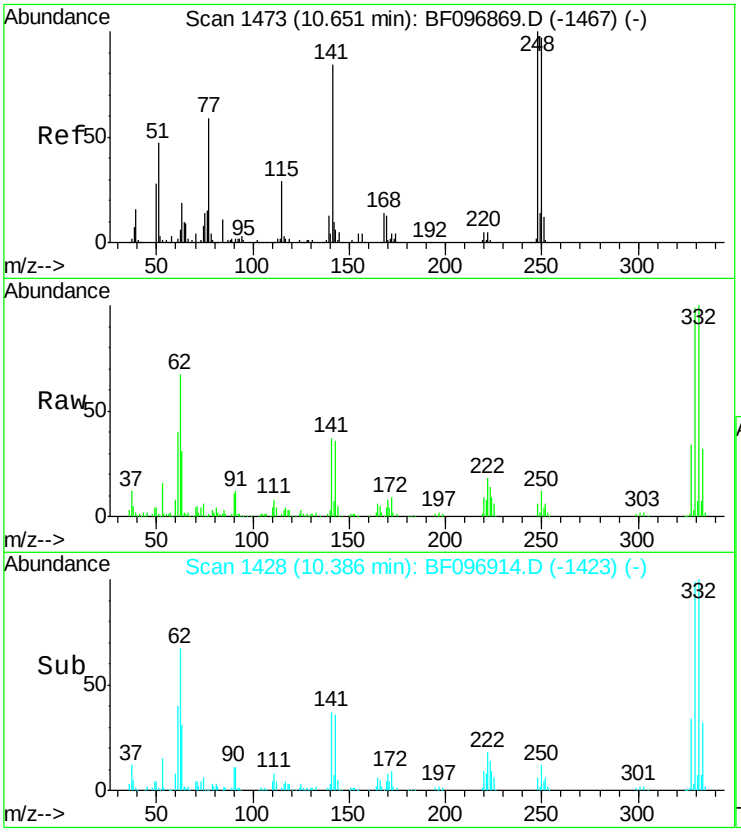


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion:188 Resp: 312705

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.7	10.2	15.2



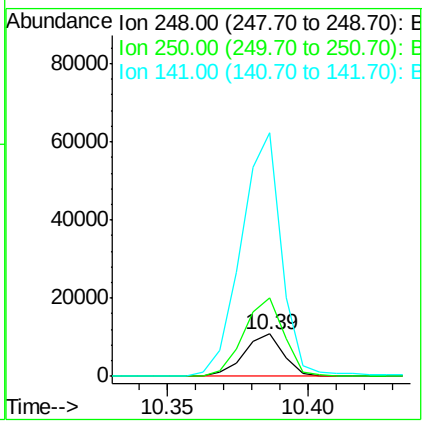


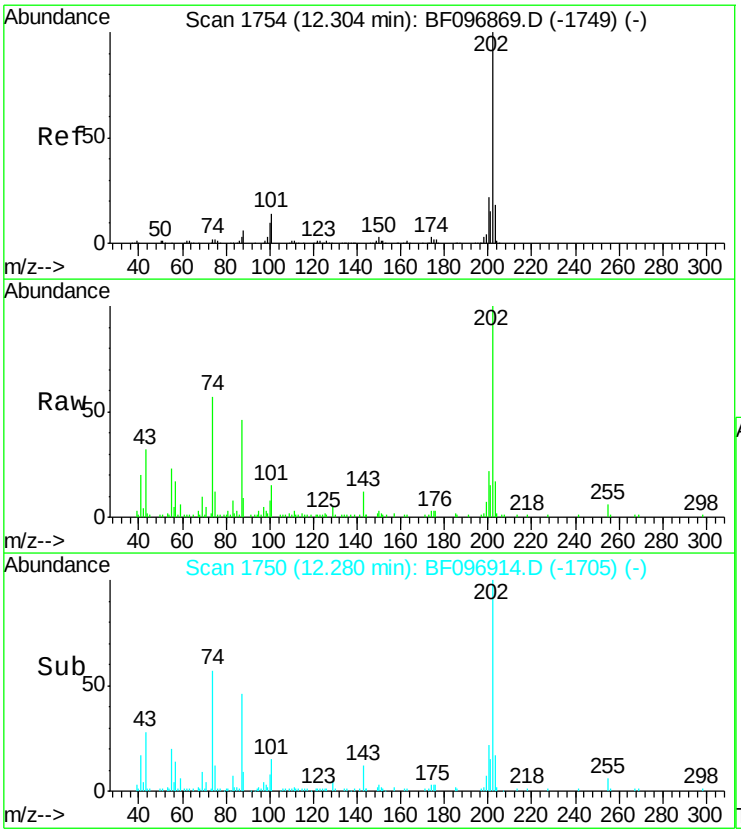
#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.39 min Scan# 1428
Delta R.T. -0.27 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion:248 Resp: 10434

Ion	Ratio	Lower	Upper
248	100		
250	185.8	76.8	115.2#
141	576.9	68.6	103.0#

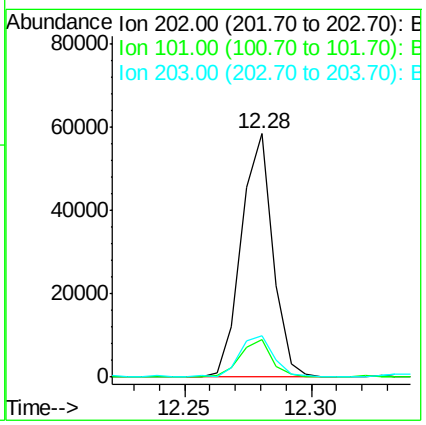


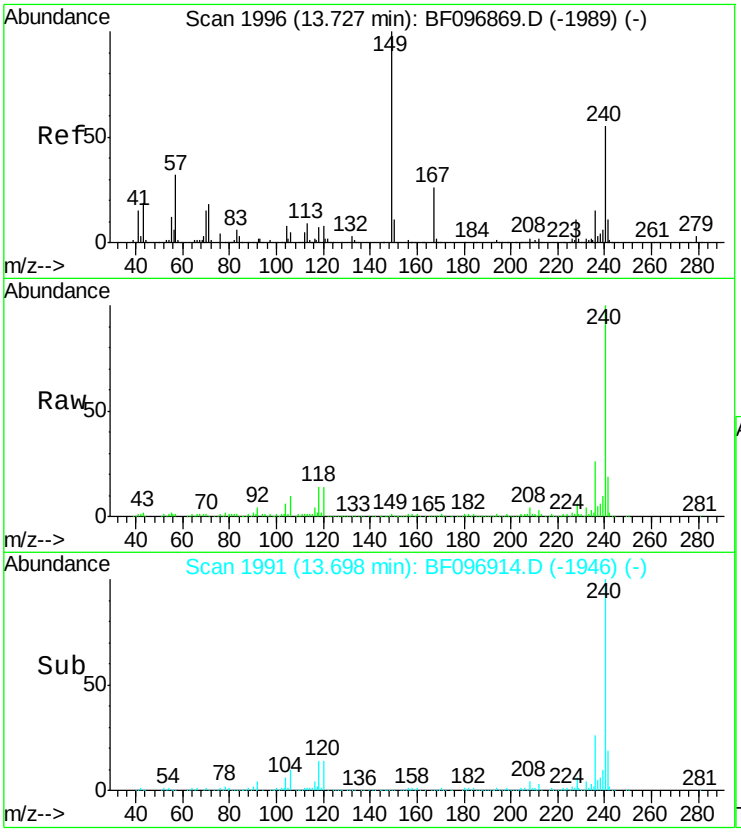


#74
Fluoranthene
Concen: 3.09 ng
RT: 12.28 min Scan# 1750
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion:202 Resp: 50342

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	33.2
203	17.1	0.0	38.1



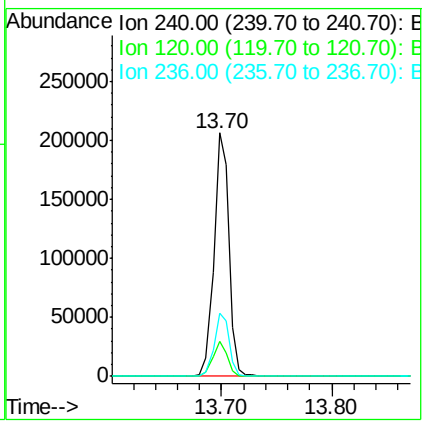


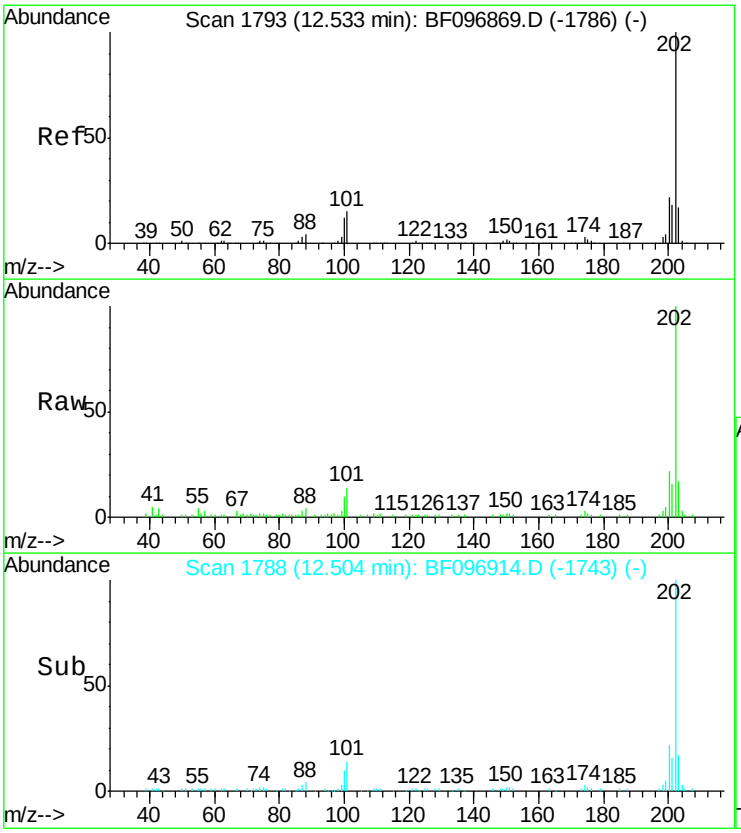
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1991
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion:240 Resp: 192817

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	26.0	20.5	30.7

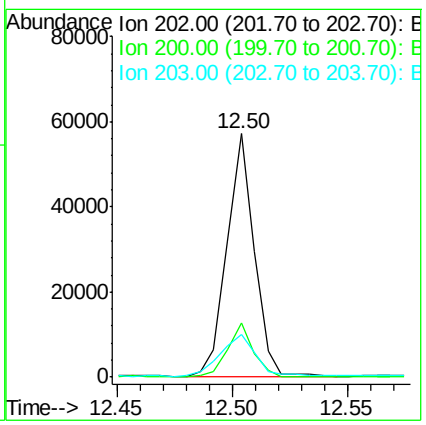


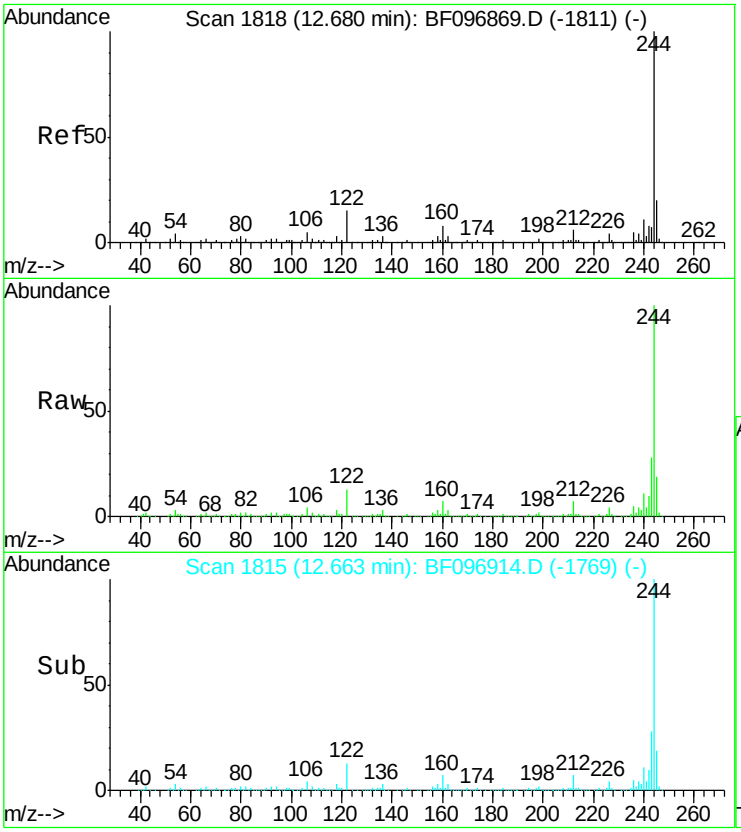


#77
Pyrene
Concen: 2.73 ng
RT: 12.50 min Scan# 1788
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion:202 Resp: 47697

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.4	14.4	21.6



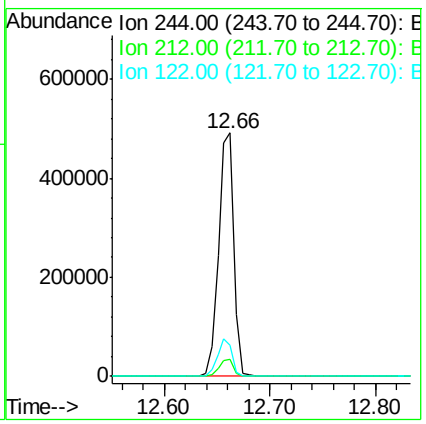


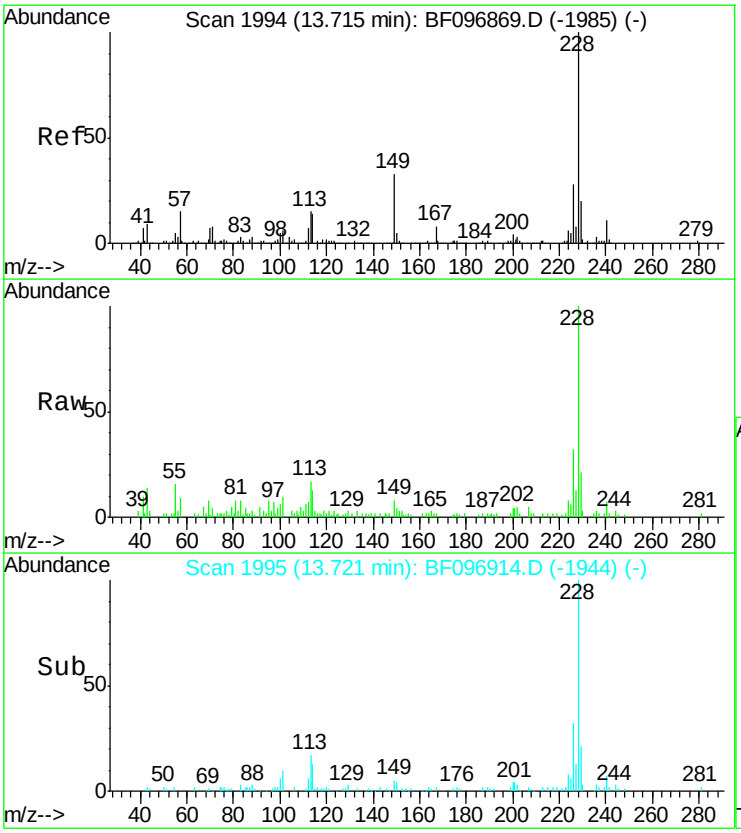
#78
Terphenyl-d14
Concen: 44.87 ng
RT: 12.66 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion:244 Resp: 498832

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	12.8	10.3	15.5

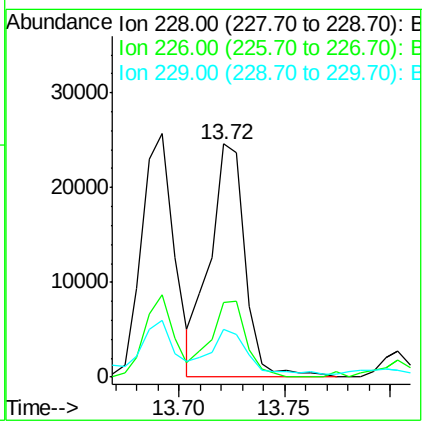


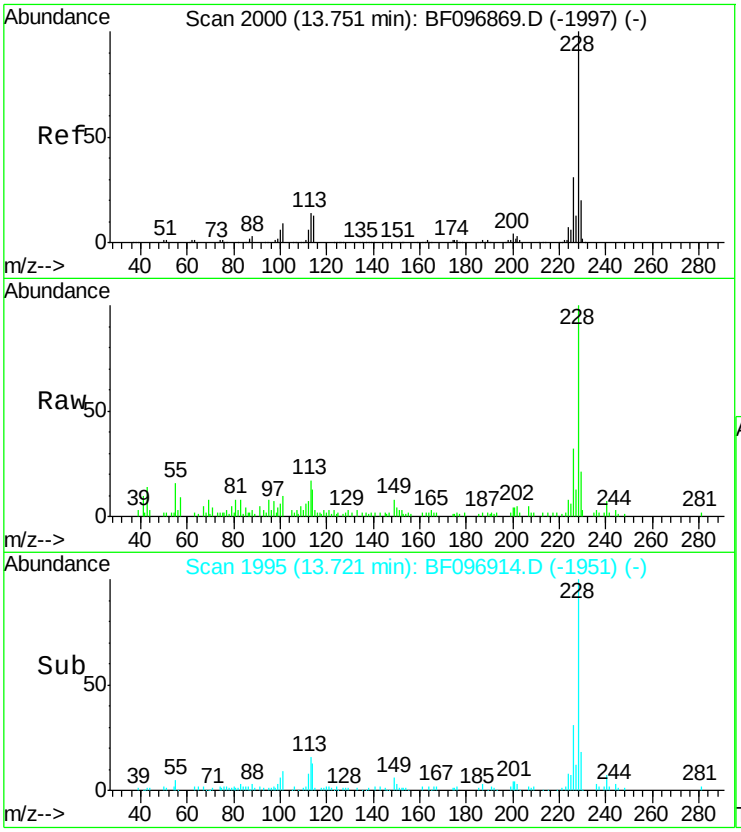


#80
Benzo(a)anthracene
Concen: 2.39 ng
RT: 13.72 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion:228 Resp: 28743

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	33.8
229	20.5	16.3	24.5



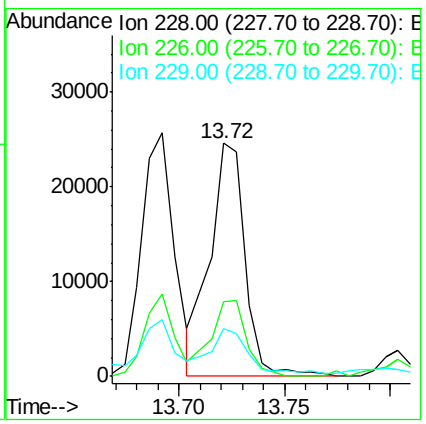


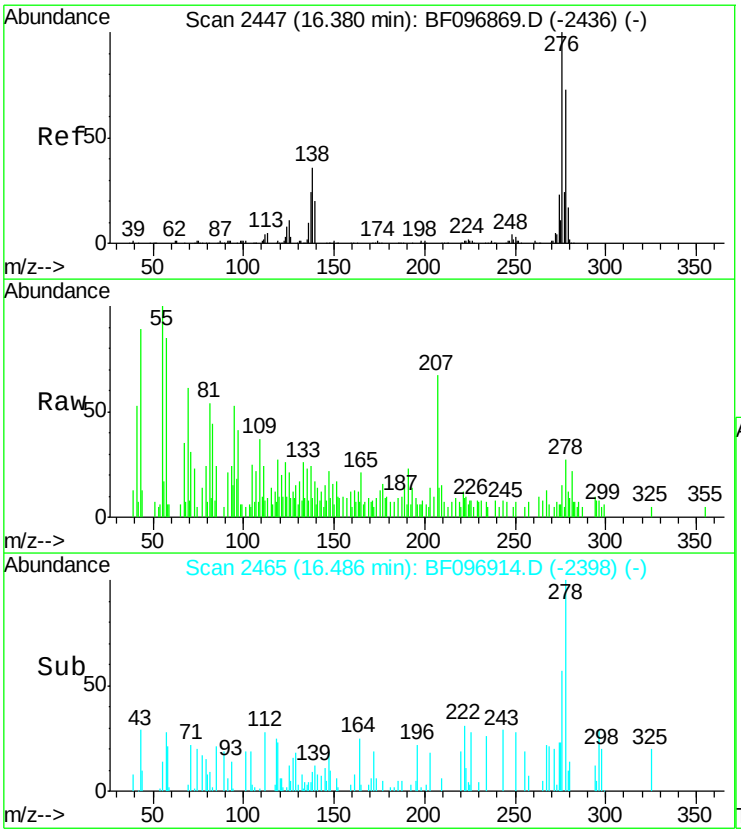
#82
Chrysene
Concen: 2.43 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion:228 Resp: 28743

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.5	15.8	23.6

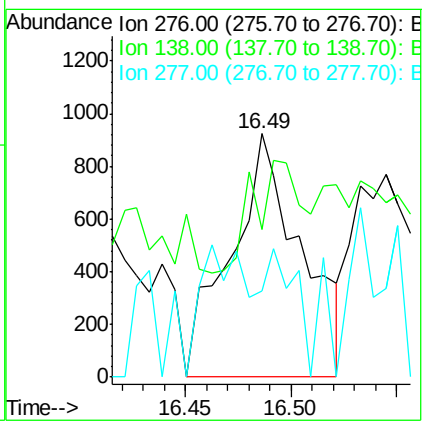


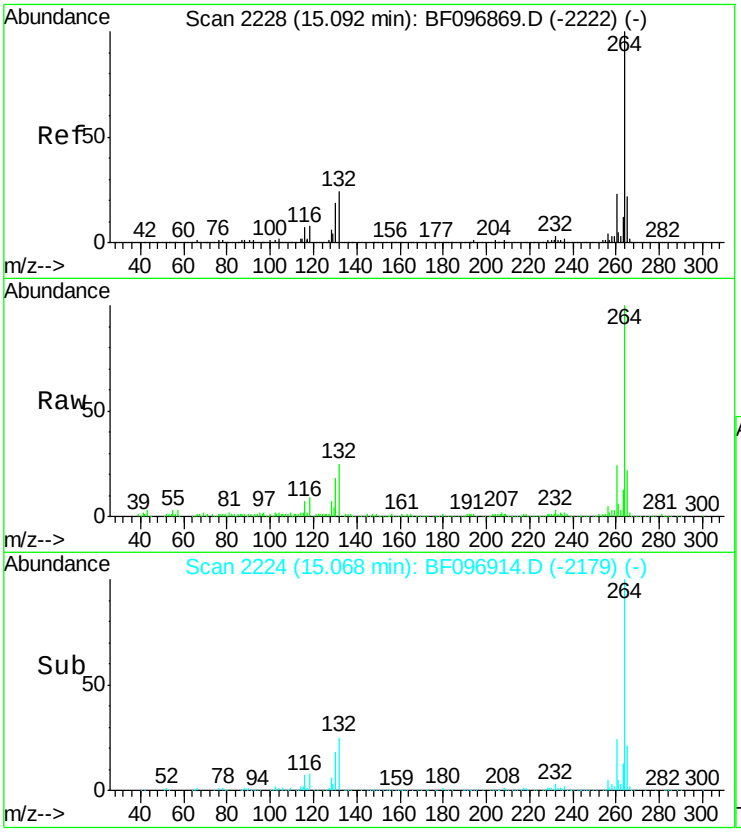


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.52 ng
RT: 16.49 min Scan# 2465
Delta R.T. 0.09 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion:276 Resp: 2133

Ion	Ratio	Lower	Upper
276	100		
138	32.0	27.8	41.6
277	20.4	20.2	30.4



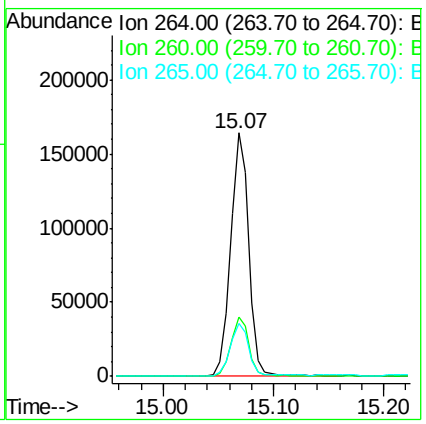


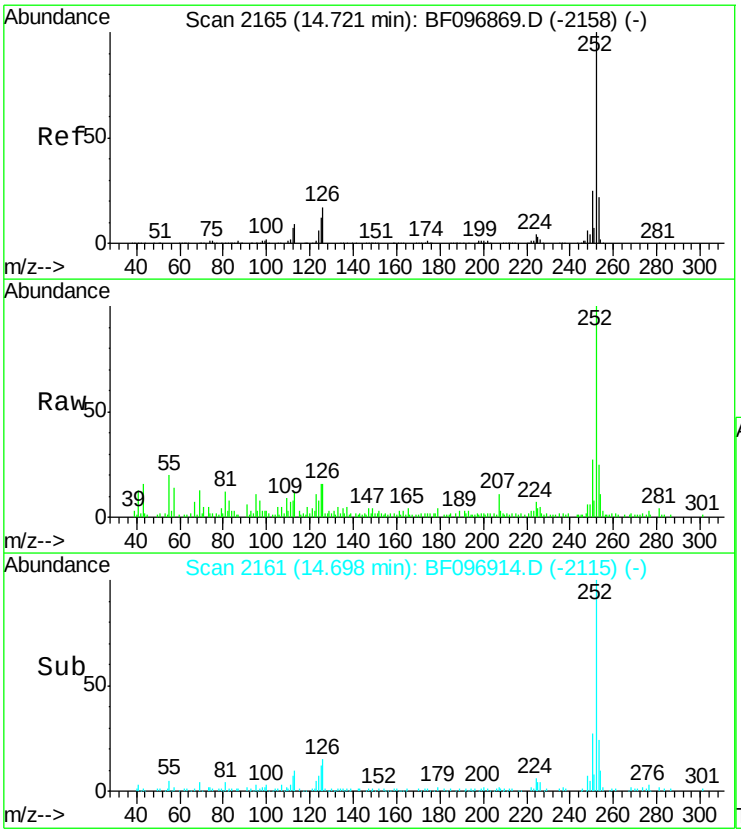
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion:264 Resp: 190161

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.6	17.2	25.8

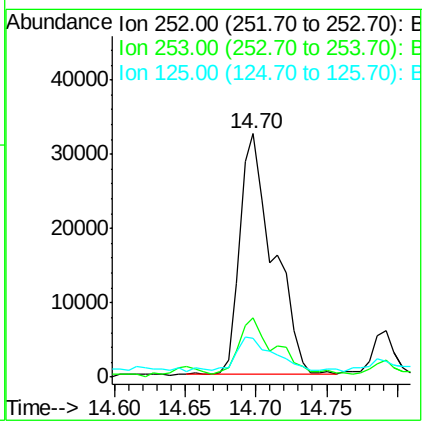


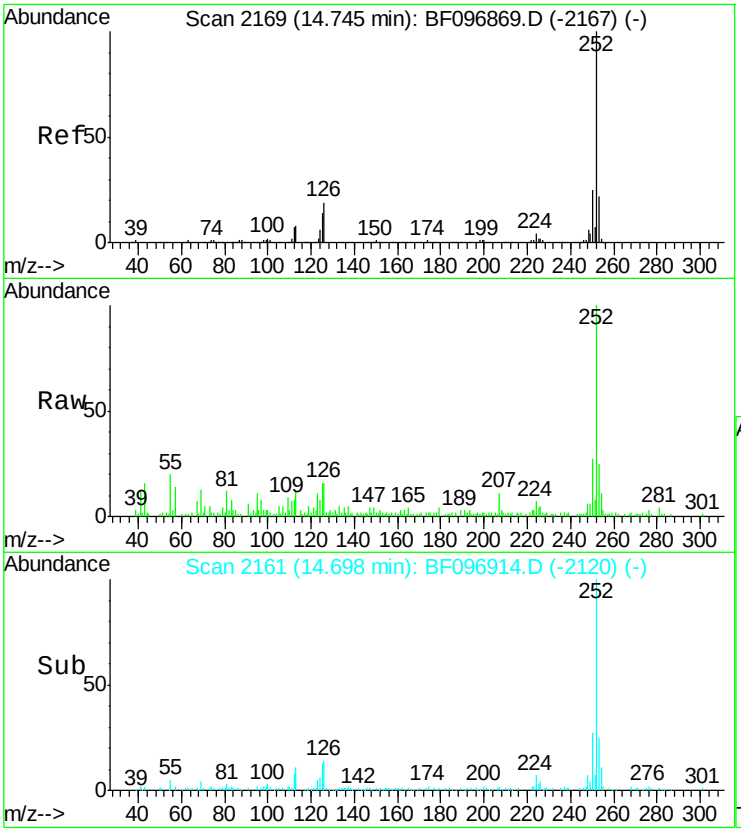


#87
Benzo(b)fluoranthene
Concen: 4.70 ng
RT: 14.70 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion:252 Resp: 53902

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	15.8	9.8	14.8#



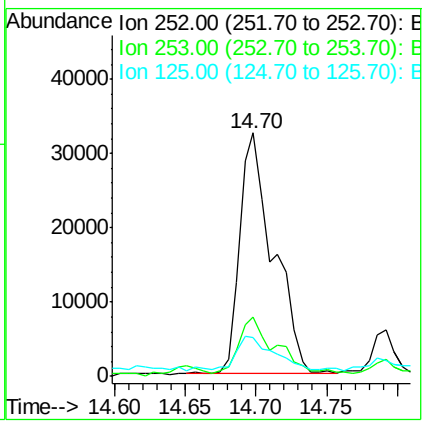


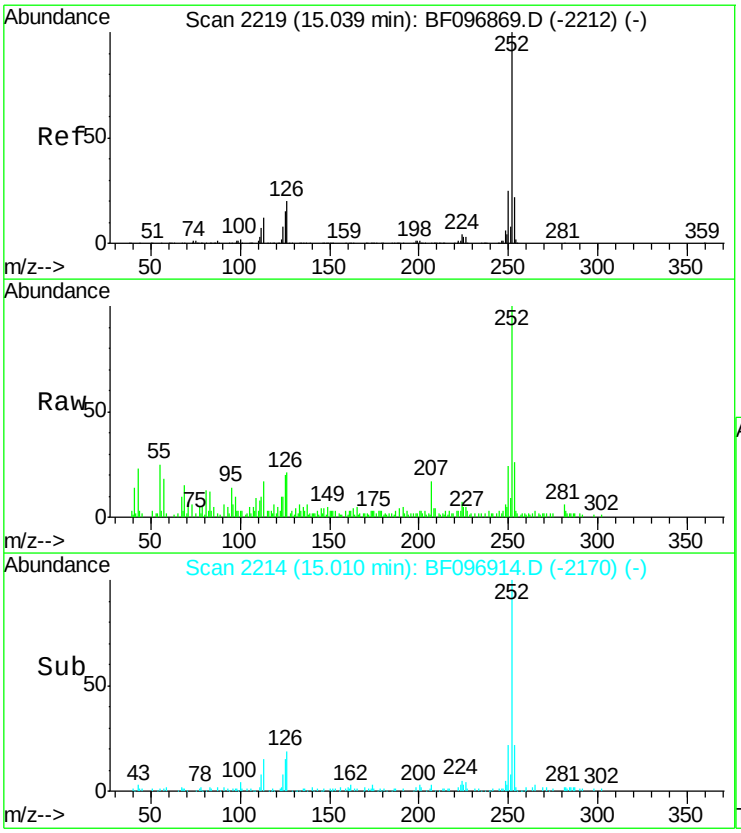
#88
Benzo(k)fluoranthene
Concen: 4.96 ng
RT: 14.70 min Scan# 2161
Delta R.T. -0.06 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
NB-08-071917

Tgt Ion:252 Resp: 53902

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	15.8	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.80 ng
RT: 15.01 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF096914.D
Acq: 20 Jul 2017 19:12

Tgt Ion:252 Resp: 29492

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	19.6	11.0	16.4#