Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097824.D
Acq On : 18 Aug 2017 9:46
Operator : SJ/JU
Sample : I4797-07 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-K10-BASE

Quant Time: Aug 18 13:50:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127713	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	450743	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	165292	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	296630	20.00	ng		0.00
75) Chrysene-d12	13.93	240	272209	20.00	ng		0.00
86) Perylene-d12	15.36	264	187722	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	311654	37.12	ng		-0.01
7) Phenol-d6	6.40	99	408344	35.79	ng		-0.01
23) Nitrobenzene-d5	7.33	82	234671	28.28	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	37371	26.06	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	332263	29.53	ng		-0.01
78) Terphenyl-d14	12.88	244	271528	20.80	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	32329	4.140	ng	#	73
25) Isophorone	7.33	82	232752	13.491	ng	#	67
32) Benzoic acid	7.84	122	1560	6.662	ng	#	40
49) Dimethylphthalate	9.53	163	96870	8.017	ng	#	98
64) 4,6-Dinitro-2-methylphenol	10.62	198	508	8.621	ng	#	1
70) Phenanthrene	11.32	178	232534	14.711	ng		99
71) Anthracene	11.37	178	69071	4.308	ng		99
73) Di-n-butylphthalate	11.86	149	39442	2.250	ng	#	98
74) Fluoranthene	12.50	202	462413	28.028	ng		98
77) Pyrene	12.73	202	447603	20.105	ng		98
80) Benzo(a)anthracene	13.92	228	194682	11.933	ng		97
82) Chrysene	13.96	228	184028	11.339	ng		96
83) Bis(2-ethylhexyl)phthalate	13.92	149	32992	3.488	ng	#	98
87) Benzo(b)fluoranthene	14.95	252	245829	20.775	ng		99
88) Benzo(k)fluoranthene	14.95	252	245829	22.113	ng		97
89) Benzo(a)pyrene	15.30	252	126708	12.096	ng		97
90) Dibenzo(a,h)anthracene	16.77	278	17595	2.063	ng	#	85
91) Benzo(g,h,i)perylene	17.17	276	64774	7.279	ng		96

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

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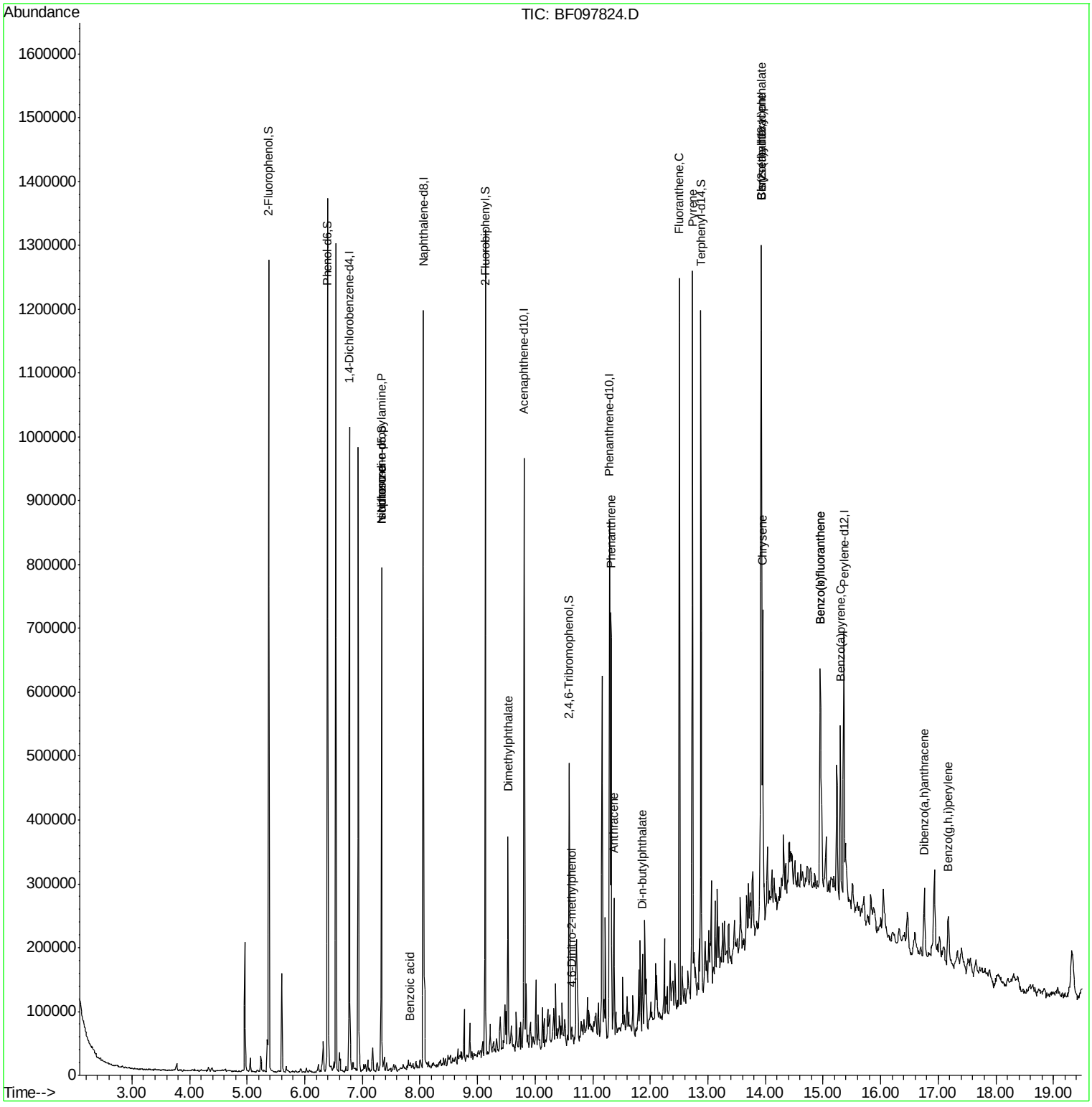
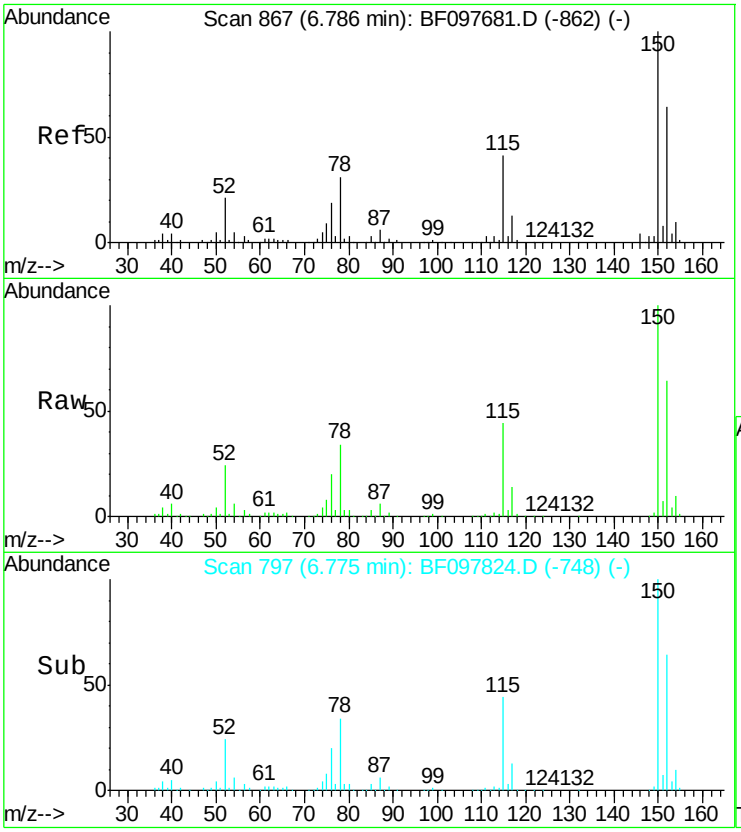


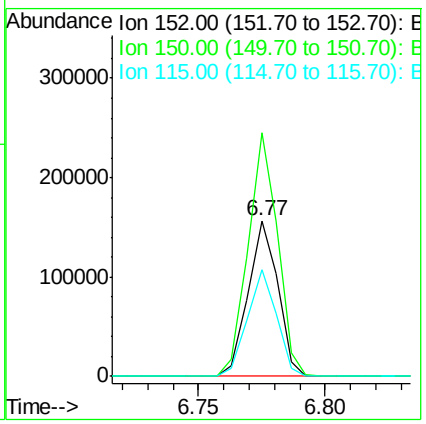


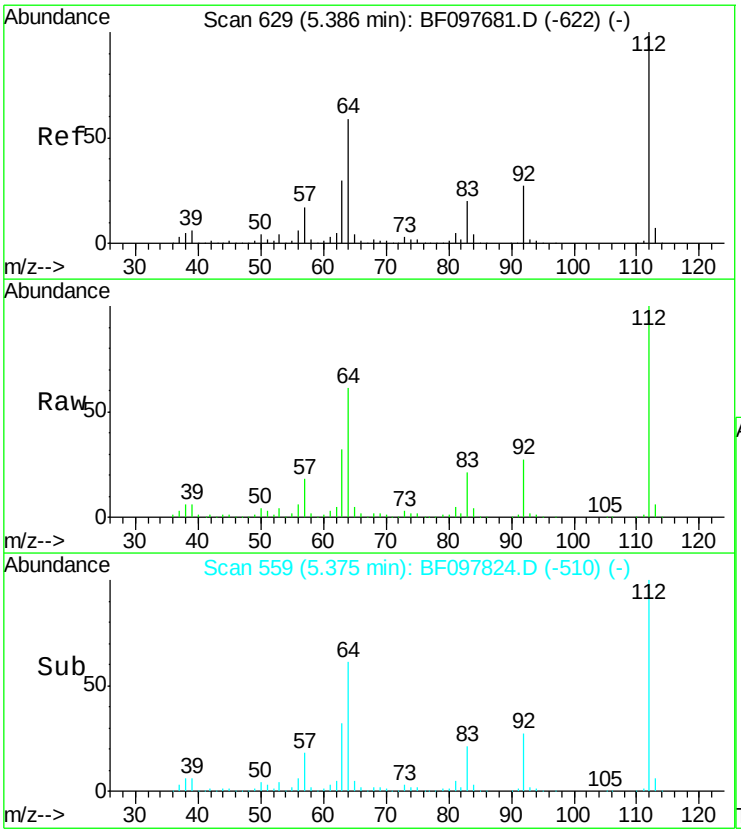
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:152 Resp: 127713

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	68.7	52.2	78.2

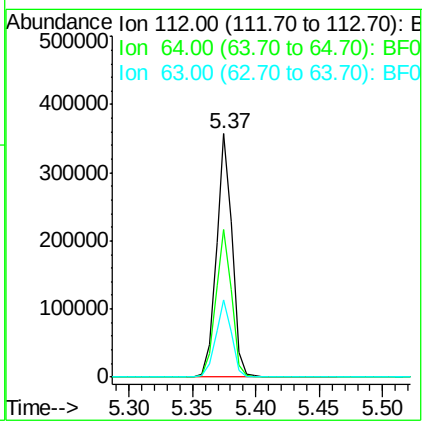


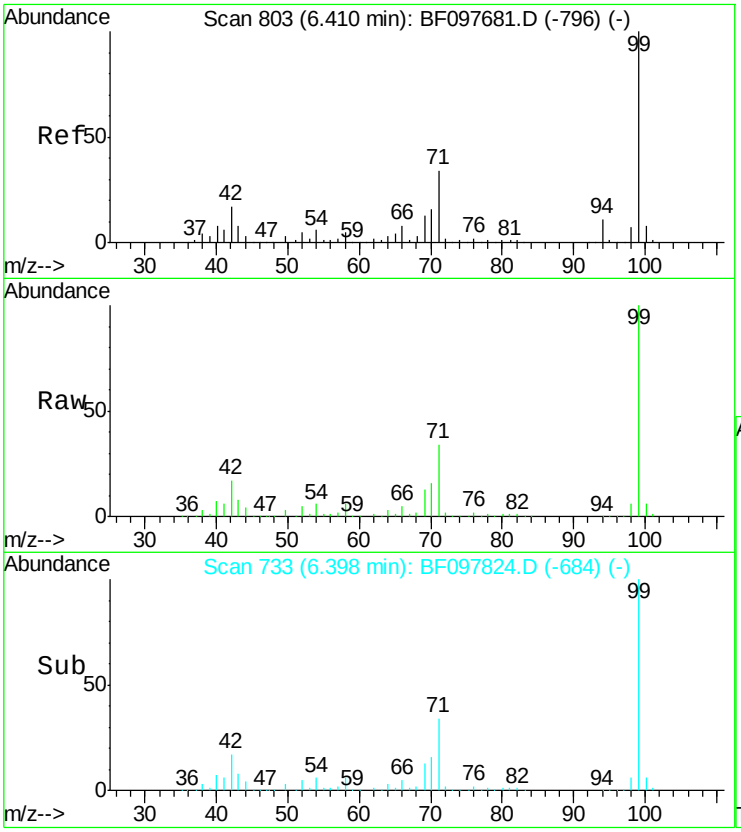


#5
2-Fluorophenol
Concen: 37.118 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:112 Resp: 311654

Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.0	69.0
63	31.6	23.4	35.0



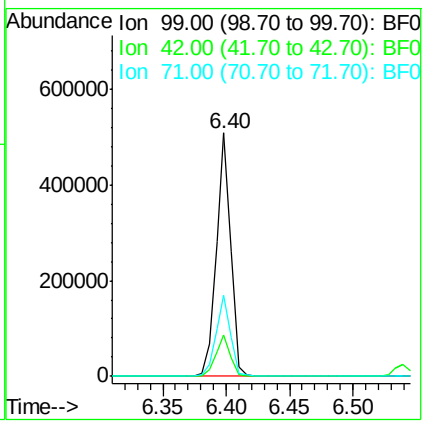


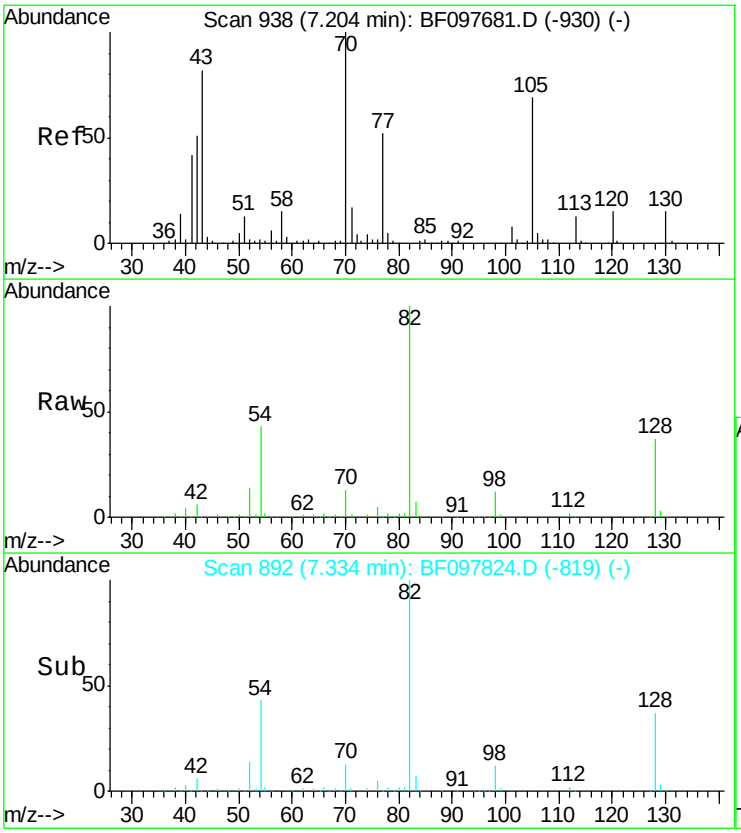
#7
Phenol-d6
Concen: 35.794 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion: 99 Resp: 408344

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	33.5	24.5	36.7

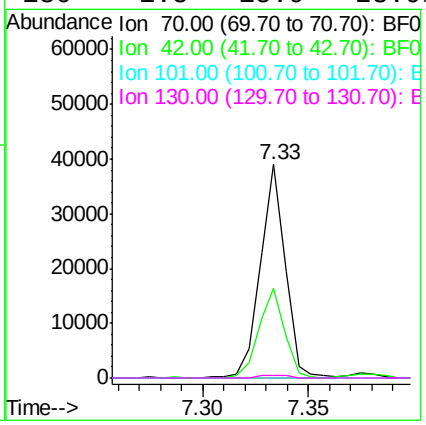


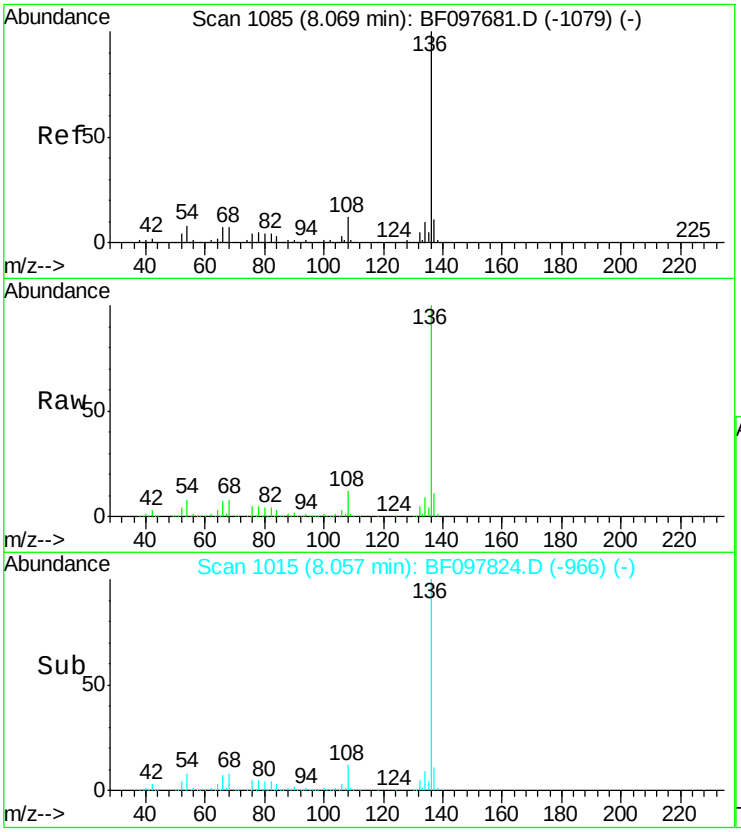


#19
n-Nitroso-di-n-propylamine
Concen: 4.140 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.13 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion: 70 Resp: 32329

Ion	Ratio	Lower	Upper
70	100		
42	41.7	47.2	70.8#
101	0.0	7.2	10.8#
130	1.5	15.9	23.9#



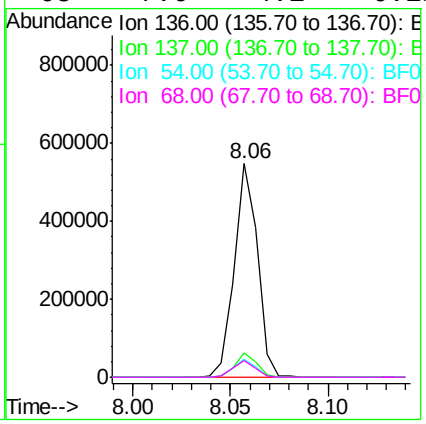


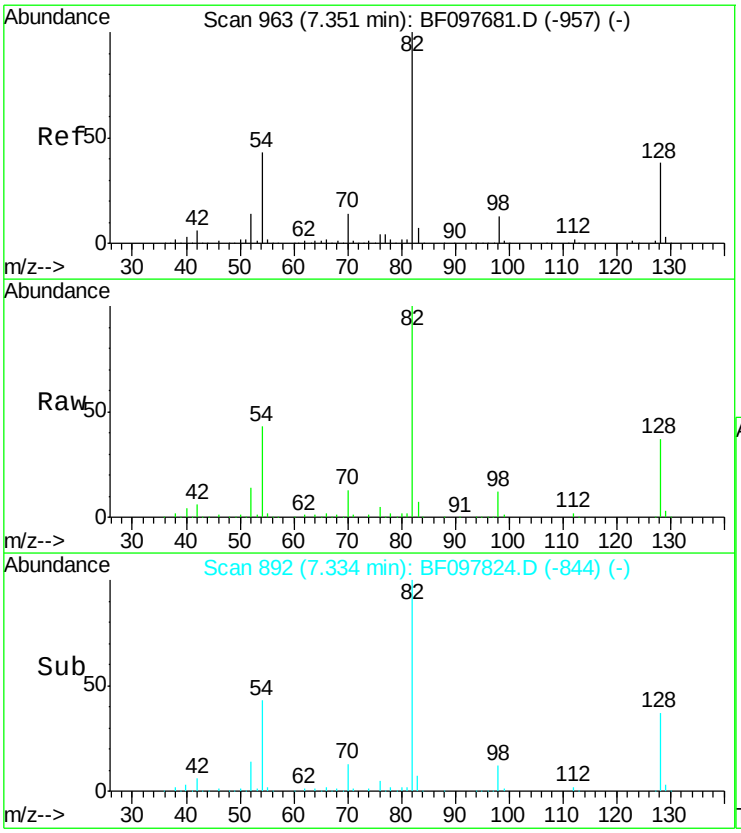
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:136 Resp: 450743

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	8.2	4.9	7.3#
68	7.6	4.1	6.1#

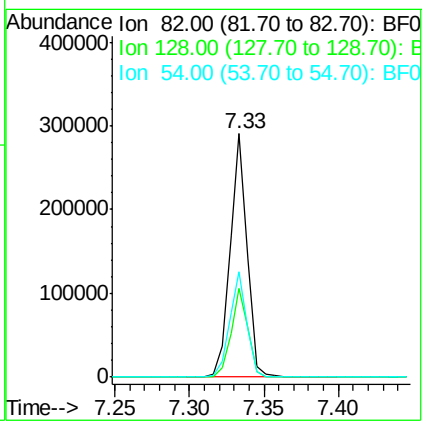


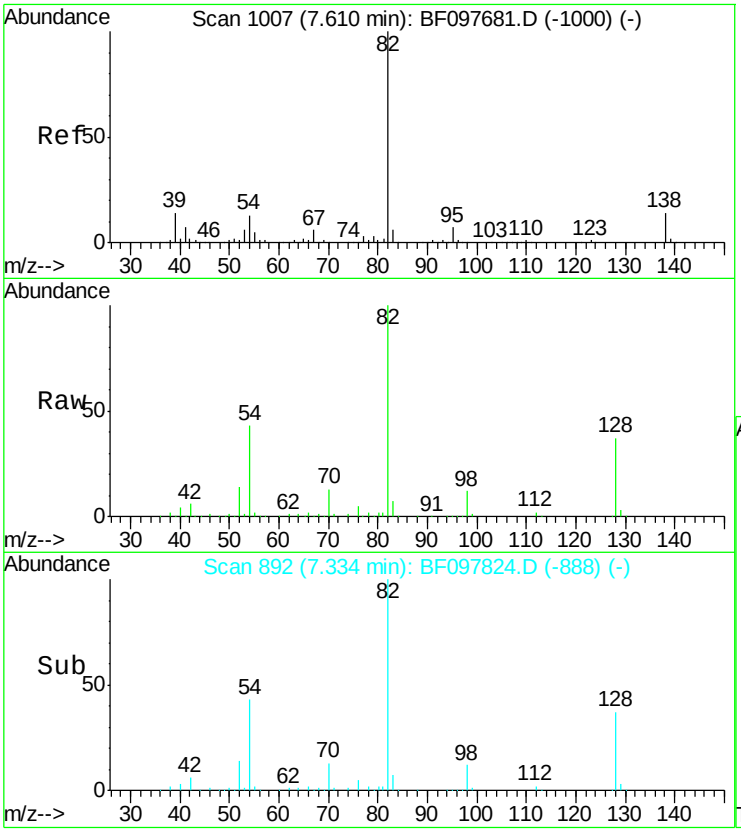


#23
Nitrobenzene-d5
Concen: 28.283 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion: 82 Resp: 234671

Ion	Ratio	Lower	Upper
82	100		
128	36.5	34.0	51.0
54	43.1	42.2	63.2



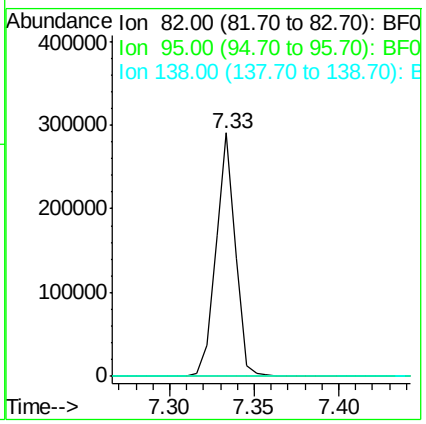


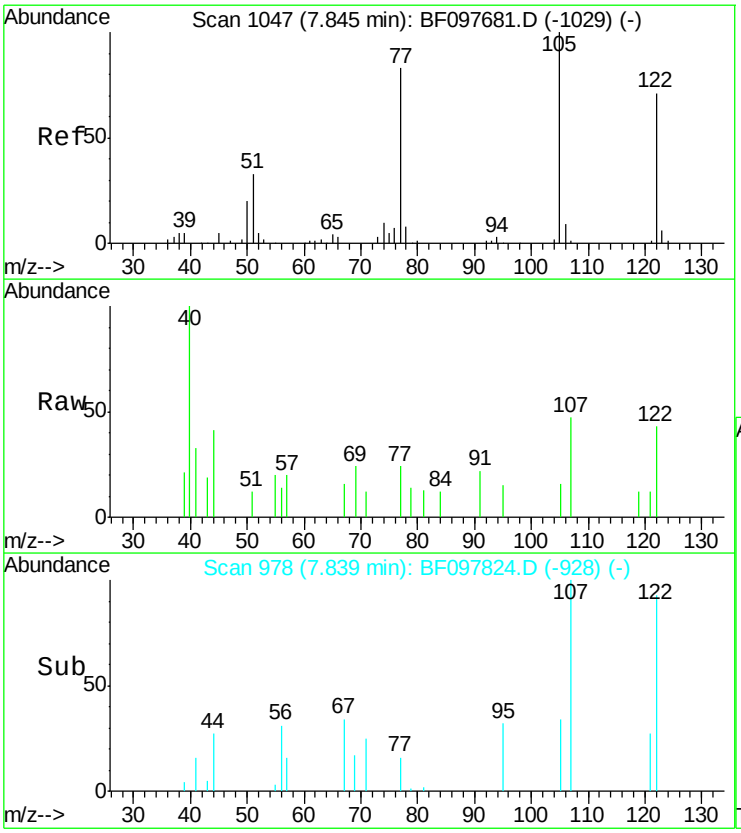
#25
Isophorone
Concen: 13.491 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.28 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion: 82 Resp: 232752

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

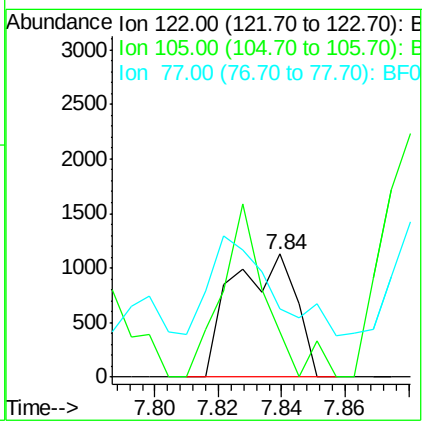


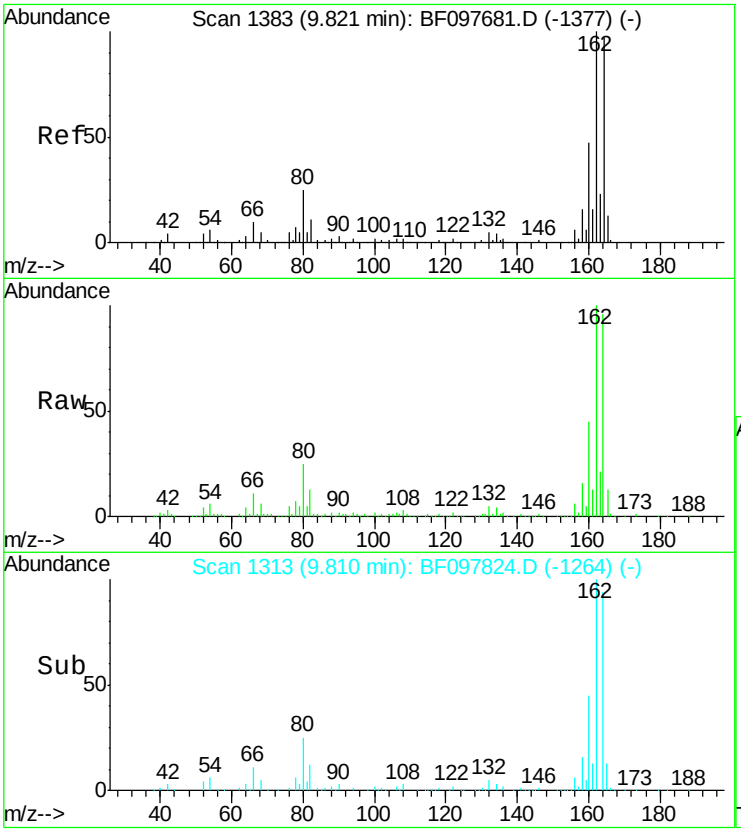


#32
Benzoic acid
Concen: 6.662 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:122 Resp: 1560

Ion	Ratio	Lower	Upper
122	100		
105	37.0	103.3	143.3#
77	56.0	73.7	113.7#



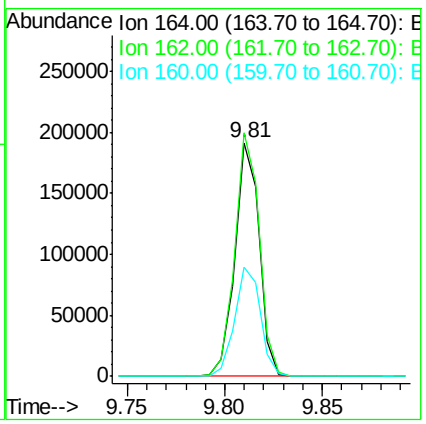


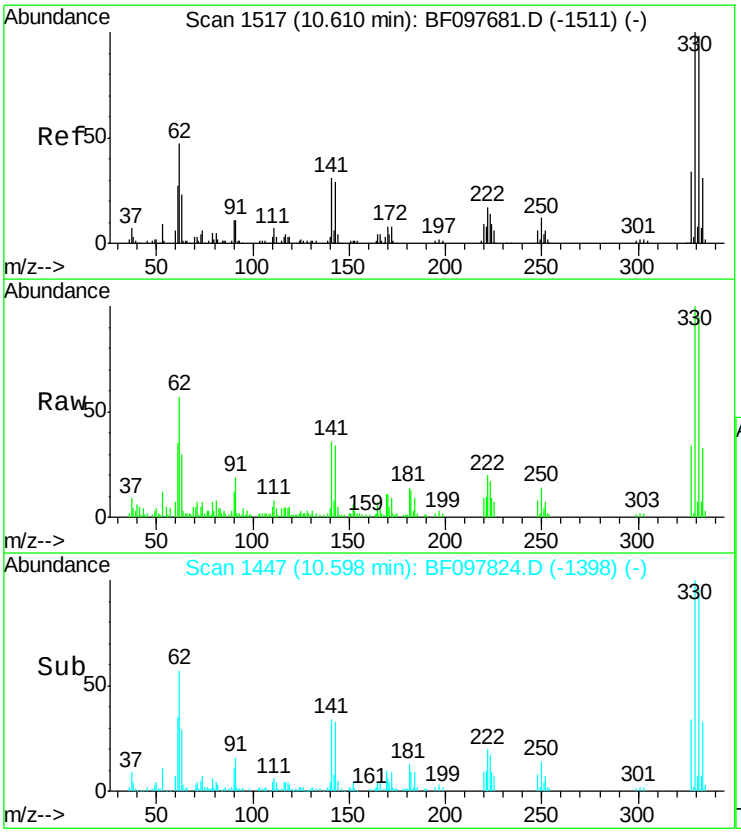
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:164 Resp: 165292

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	46.7	36.2	54.2

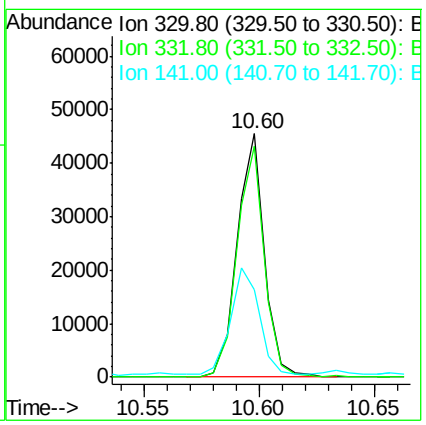


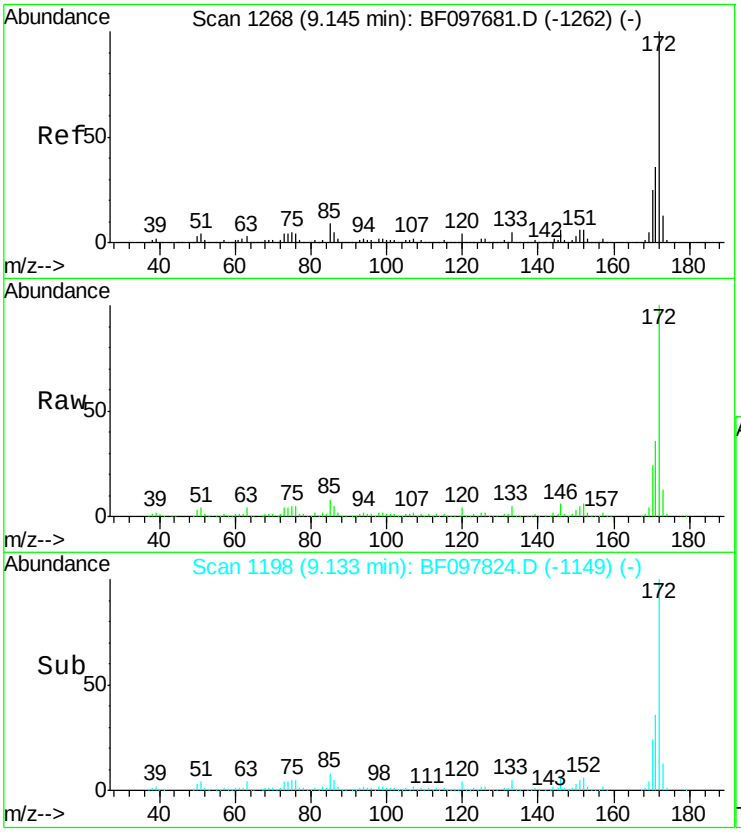


#41
2,4,6-Tribromophenol
Concen: 26.057 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:330 Resp: 37371

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	45.7	31.4	47.2



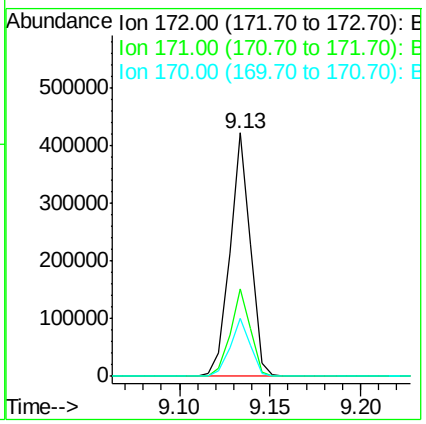


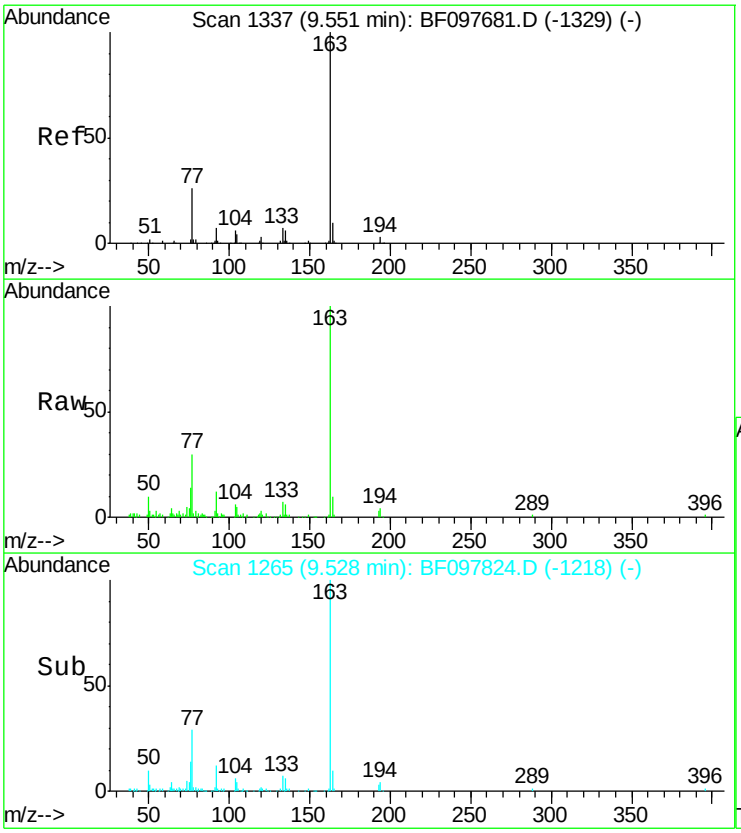
#44
2-Fluorobiphenyl
Concen: 29.533 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:172 Resp: 332263

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8

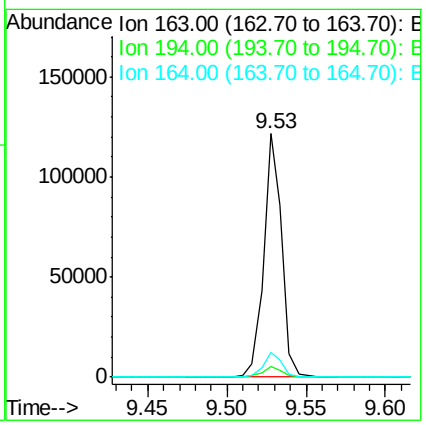


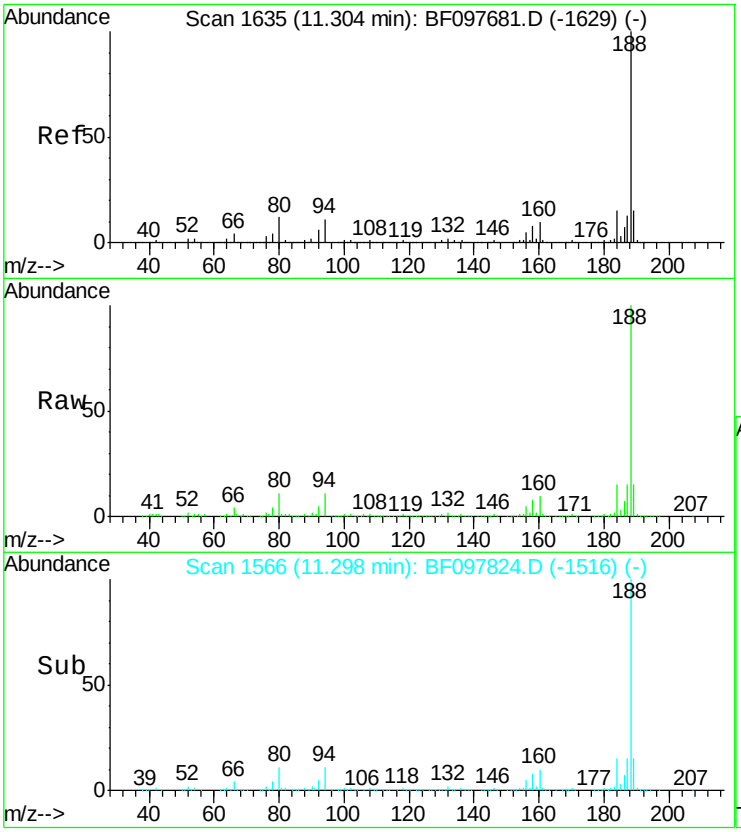


#49
Dimethylphthalate
Concen: 8.017 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:163 Resp: 96870

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.6	4.0#
164	10.0	8.4	12.6



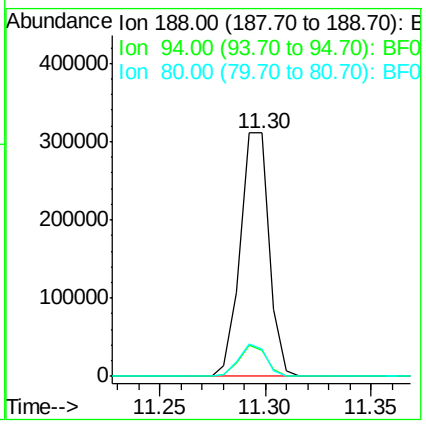


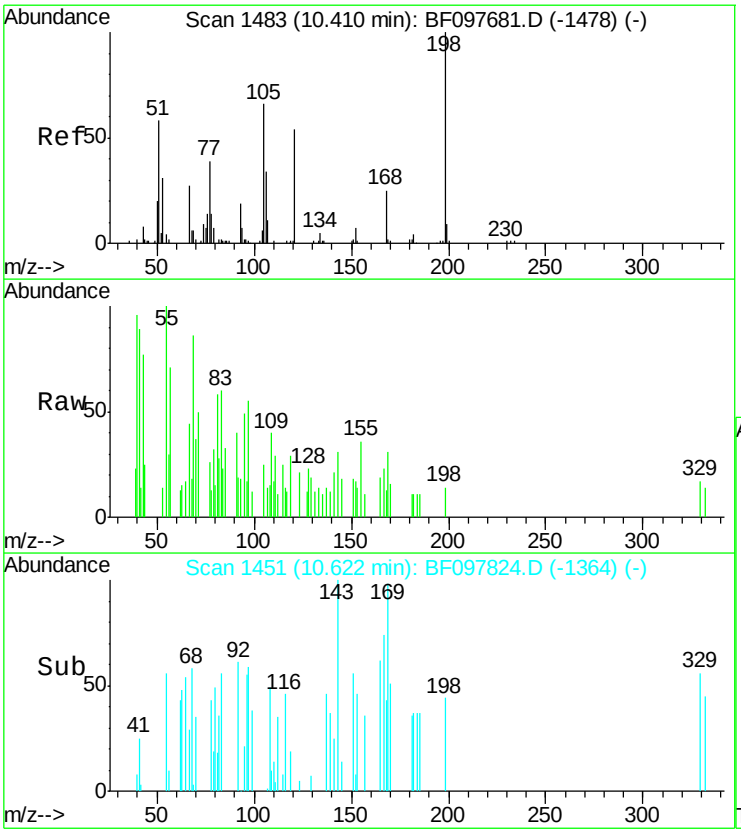
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:188 Resp: 296630

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.3	10.2	15.2

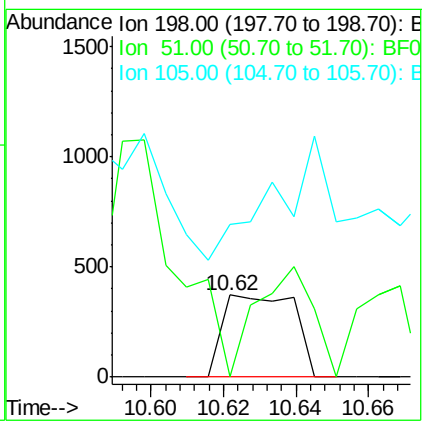


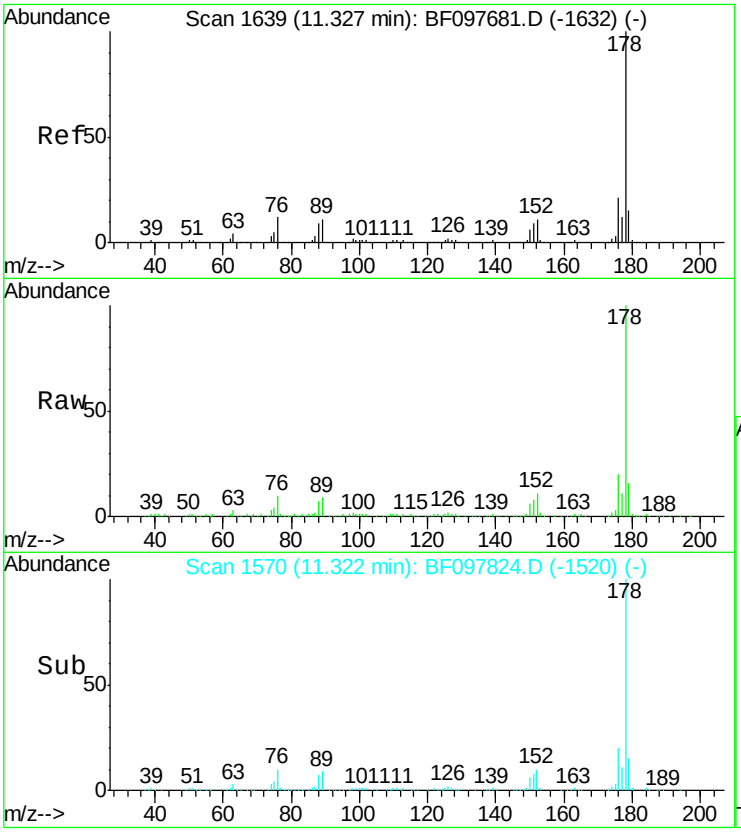


#64
4,6-Dinitro-2-methylphenol
Concen: 8.621 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.21 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:198 Resp: 508

Ion	Ratio	Lower	Upper
198	100		
51	0.0	53.2	93.2#
105	185.8	45.8	85.8#



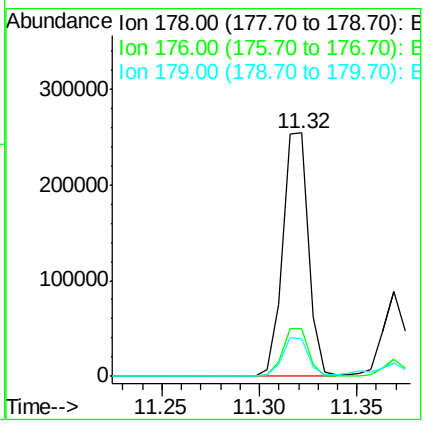


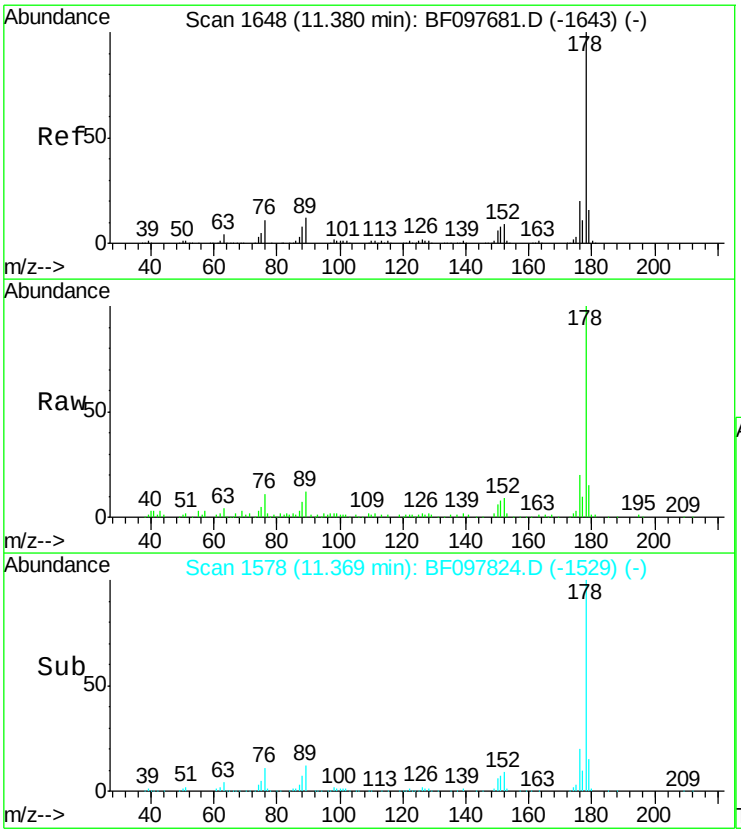
#70
Phenanthrene
Concen: 14.711 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:178 Resp: 232534

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.6	12.6	19.0

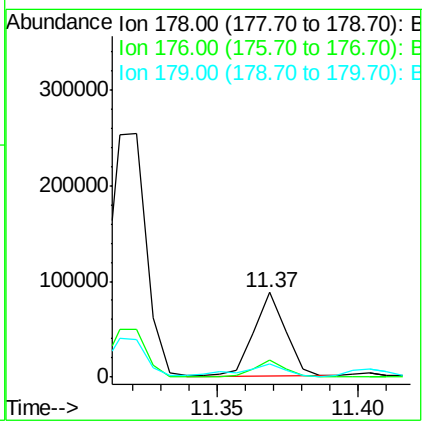


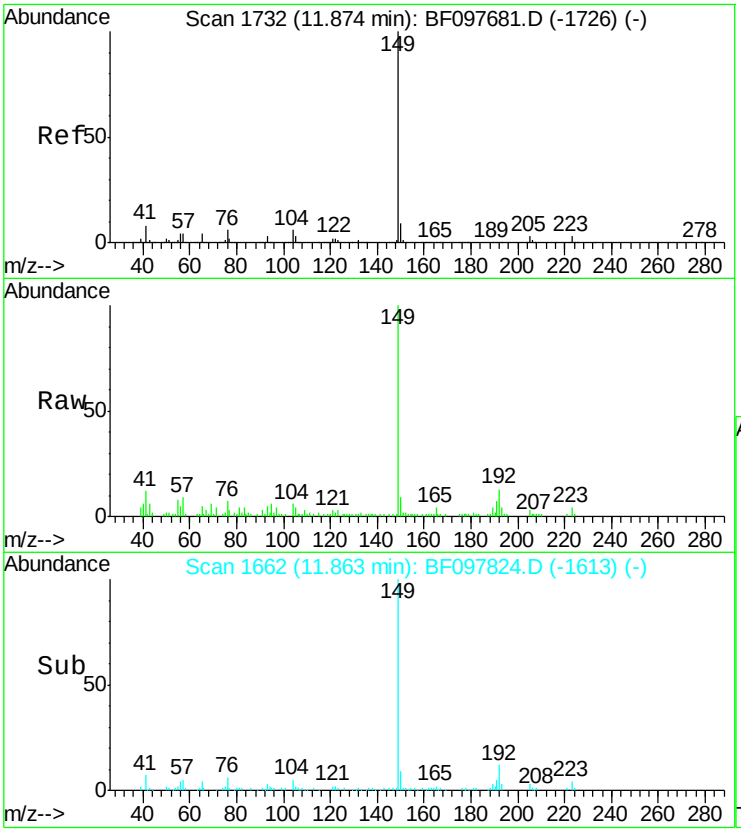


#71
Anthracene
Concen: 4.308 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:178 Resp: 69071

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.4	12.7	19.1



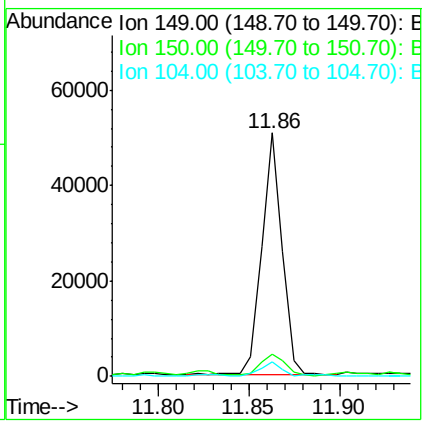


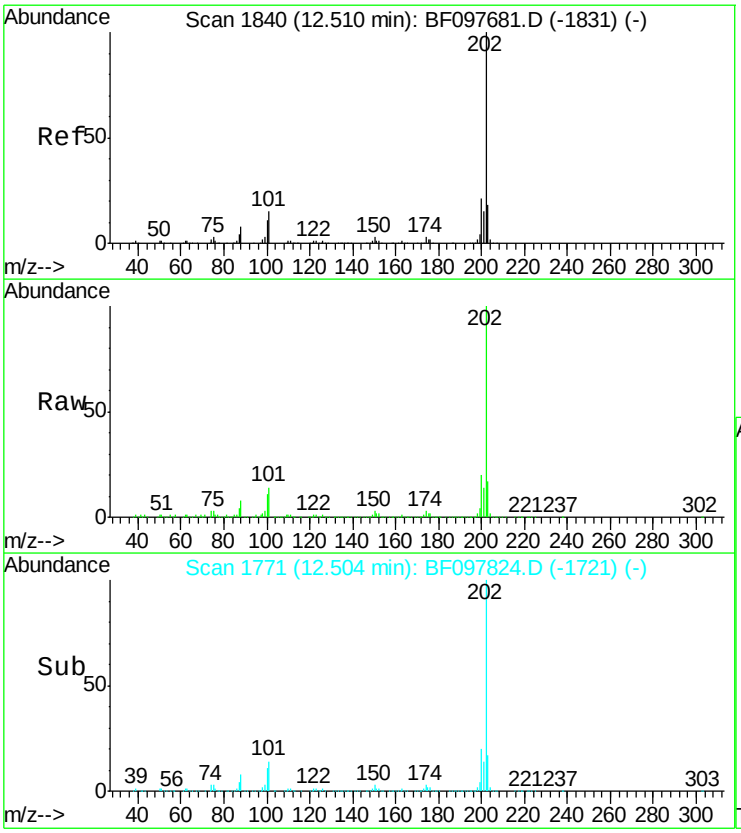
#73
Di-n-butylphthalate
Concen: 2.250 ng
RT: 11.86 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:149 Resp: 39442

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	6.0	4.0	6.0#

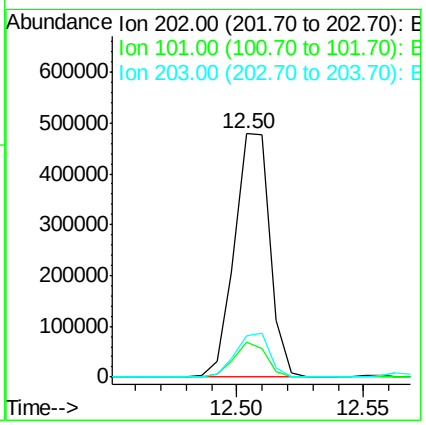


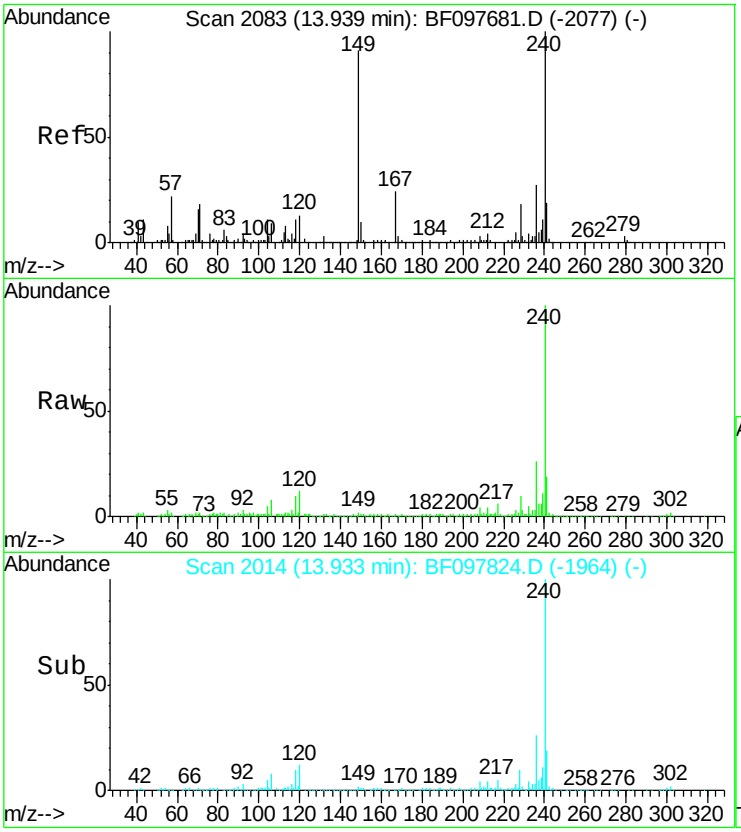


#74
Fluoranthene
Concen: 28.028 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:202 Resp: 462413

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.2	0.0	38.1



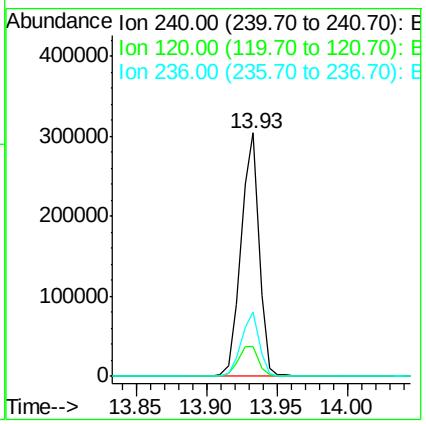


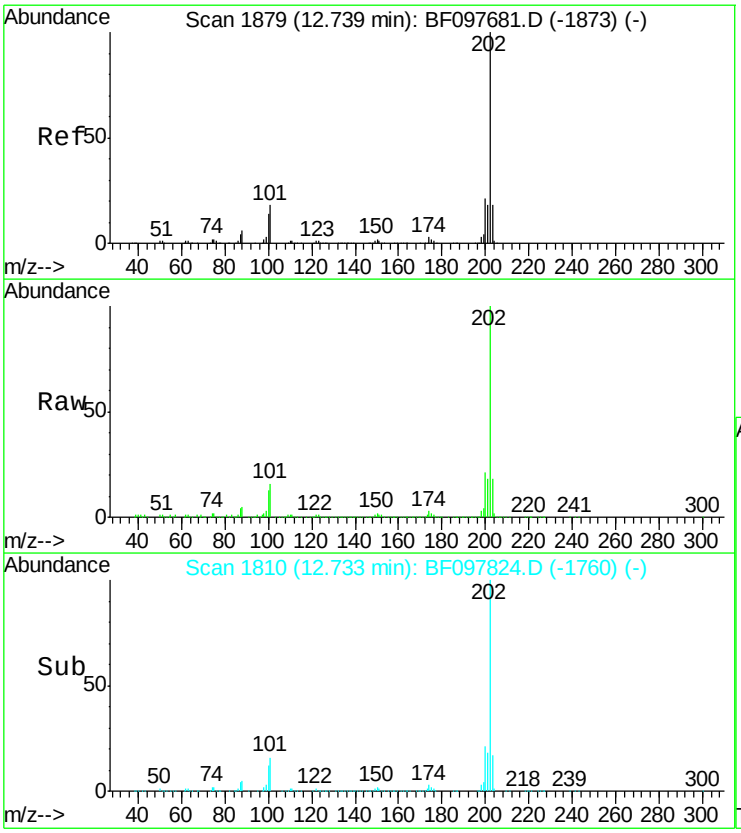
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:240 Resp: 272209

Ion	Ratio	Lower	Upper
240	100		
120	12.5	5.8	8.8#
236	26.4	20.5	30.7

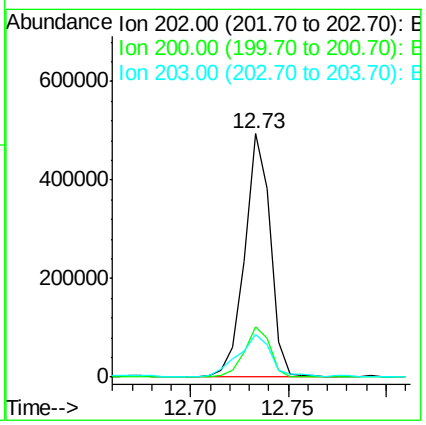


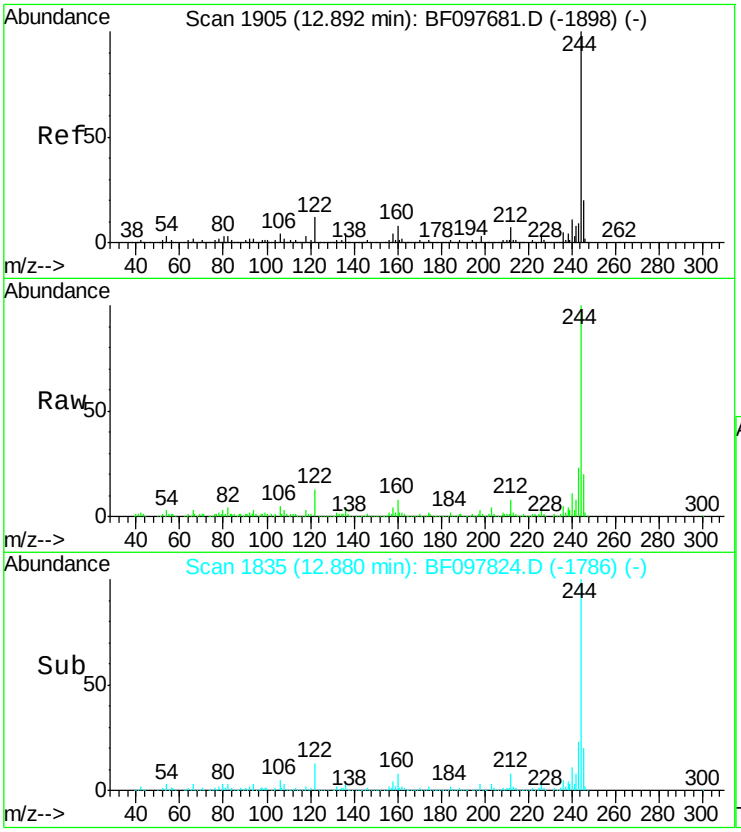


#77
Pyrene
Concen: 20.105 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:202 Resp: 447603

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.5	14.4	21.6



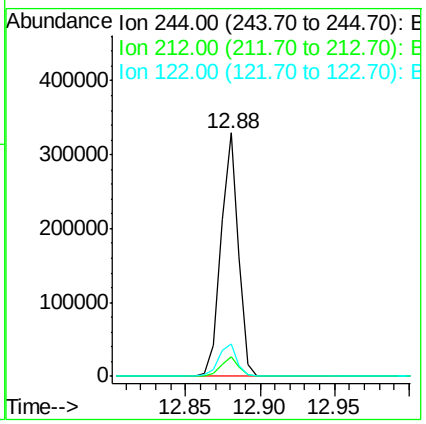


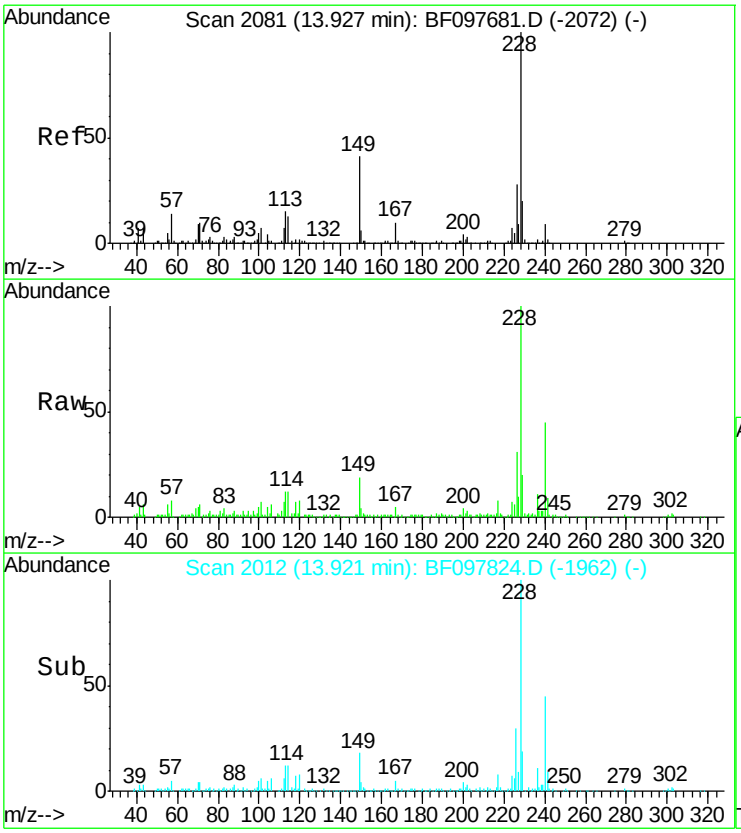
#78
Terphenyl-d14
Concen: 20.801 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:244 Resp: 271528

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	13.1	10.3	15.5

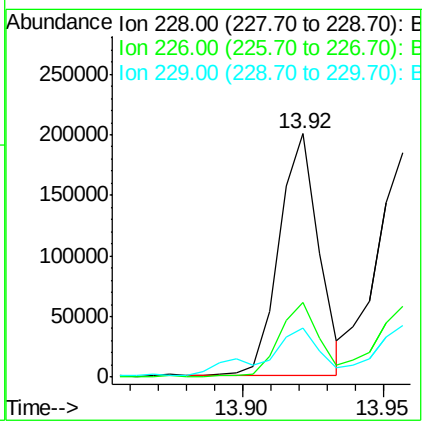


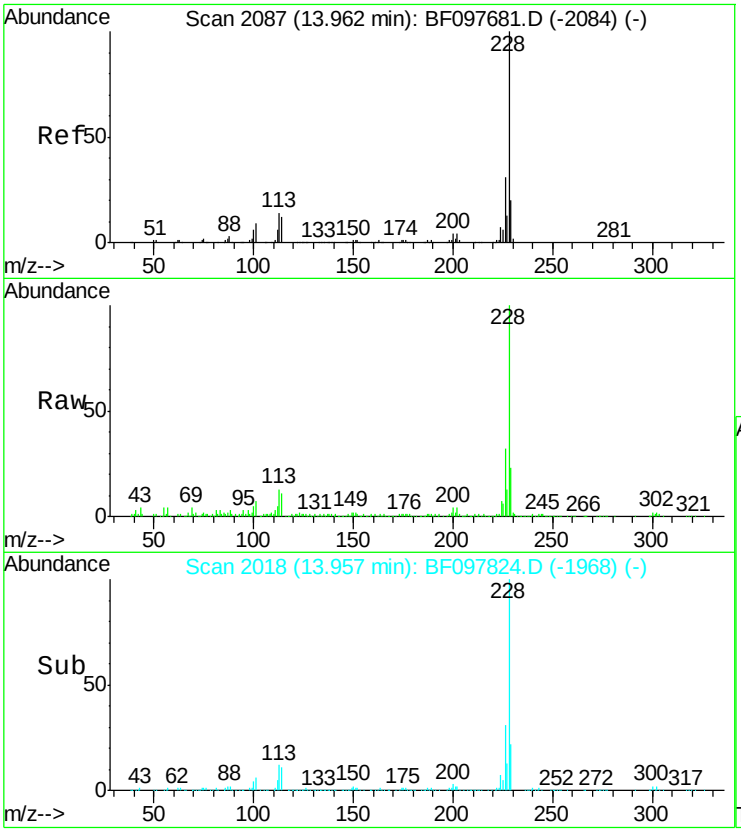


#80
Benzo(a)anthracene
Concen: 11.933 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:228 Resp: 194682

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	19.9	16.3	24.5



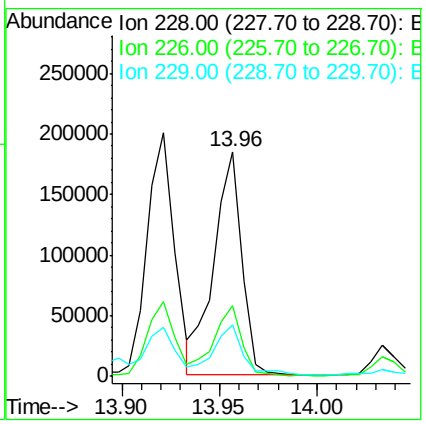


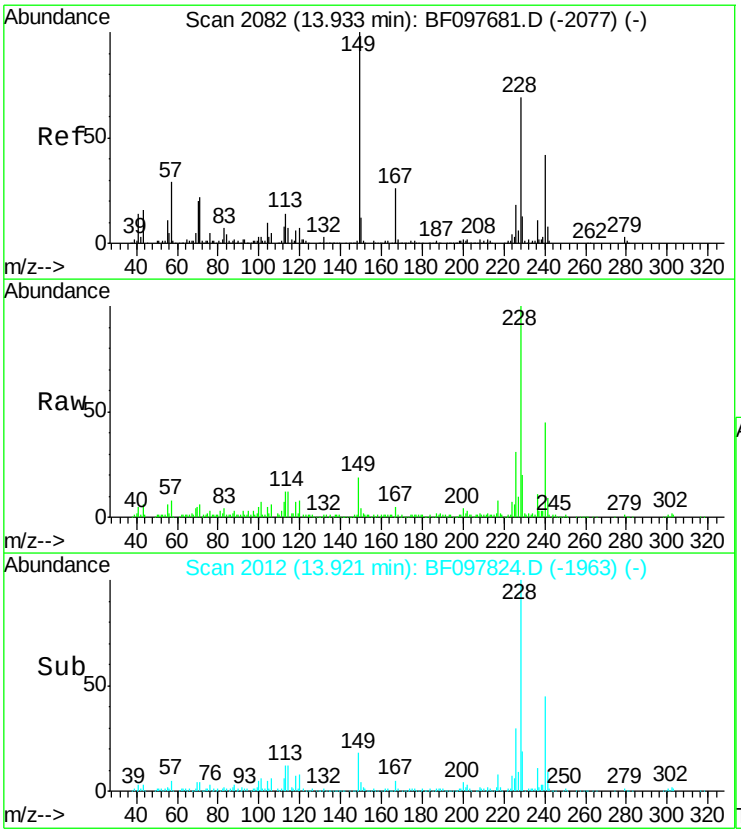
#82
Chrysene
Concen: 11.339 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:228 Resp: 184028

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	23.0	15.8	23.6

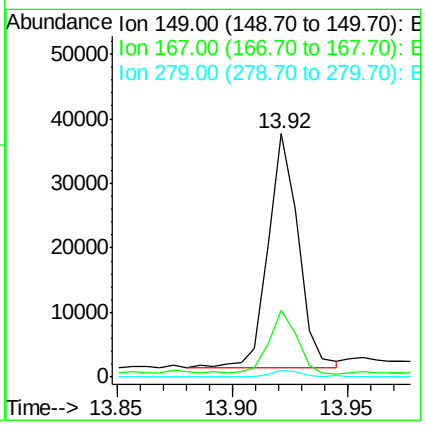


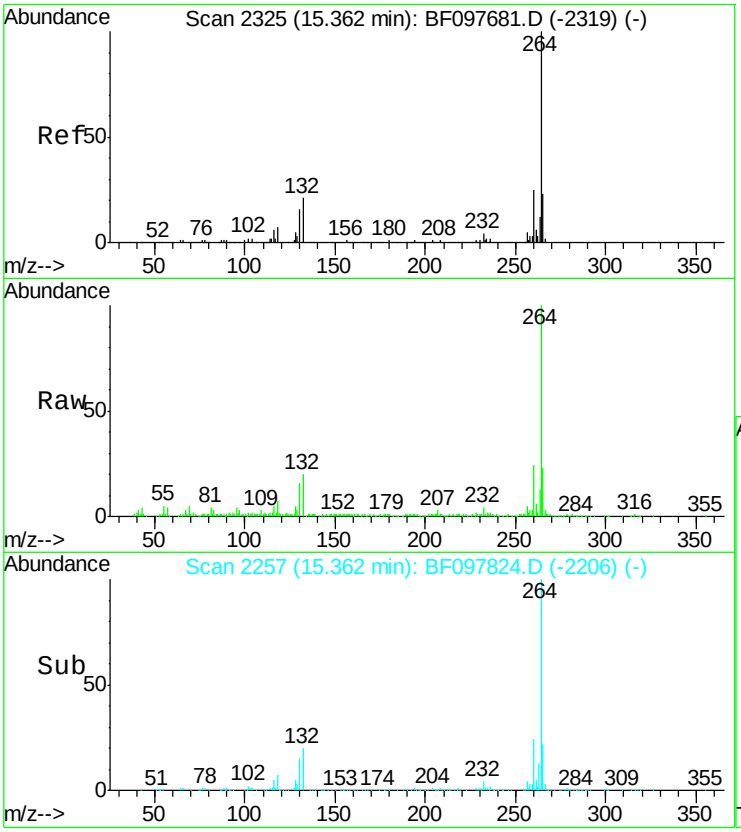


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.488 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:149 Resp: 32992

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.0	31.4
279	2.9	1.9	2.9#



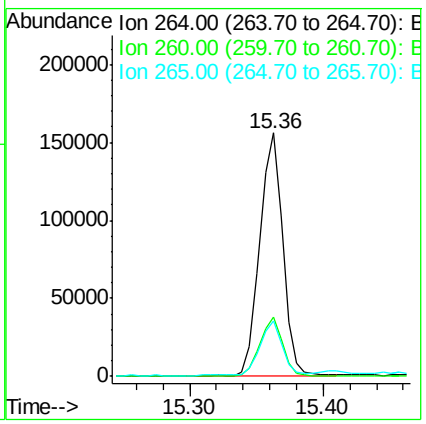


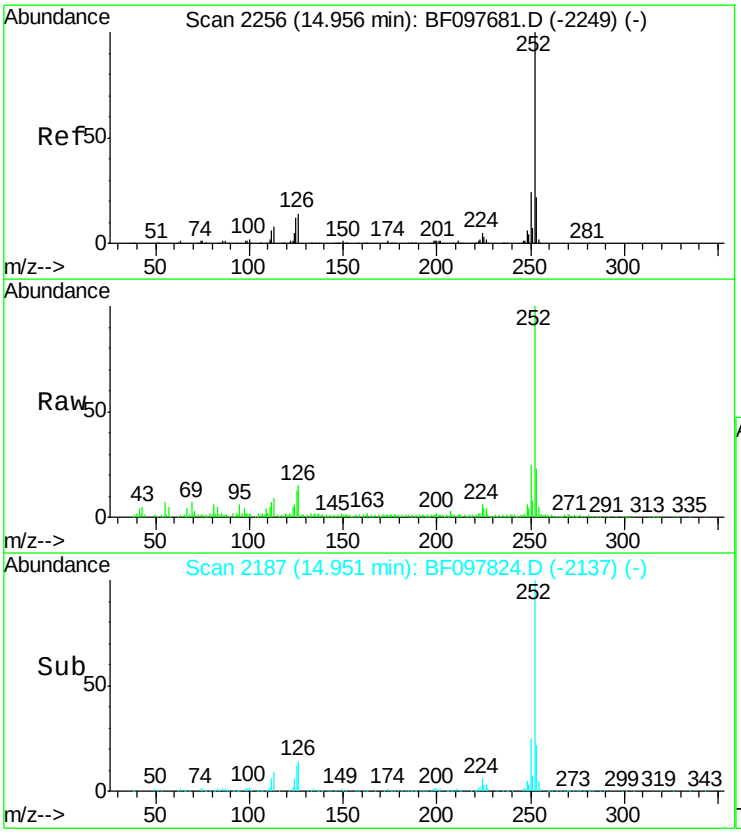
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:264 Resp: 187722

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.7	17.2	25.8

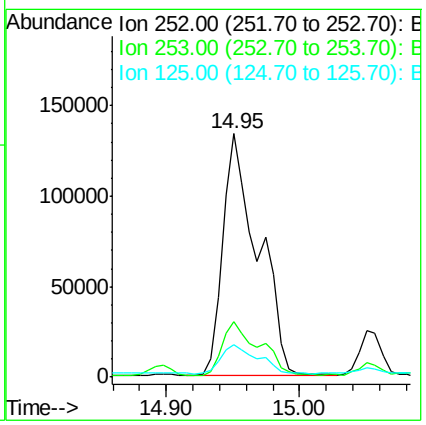


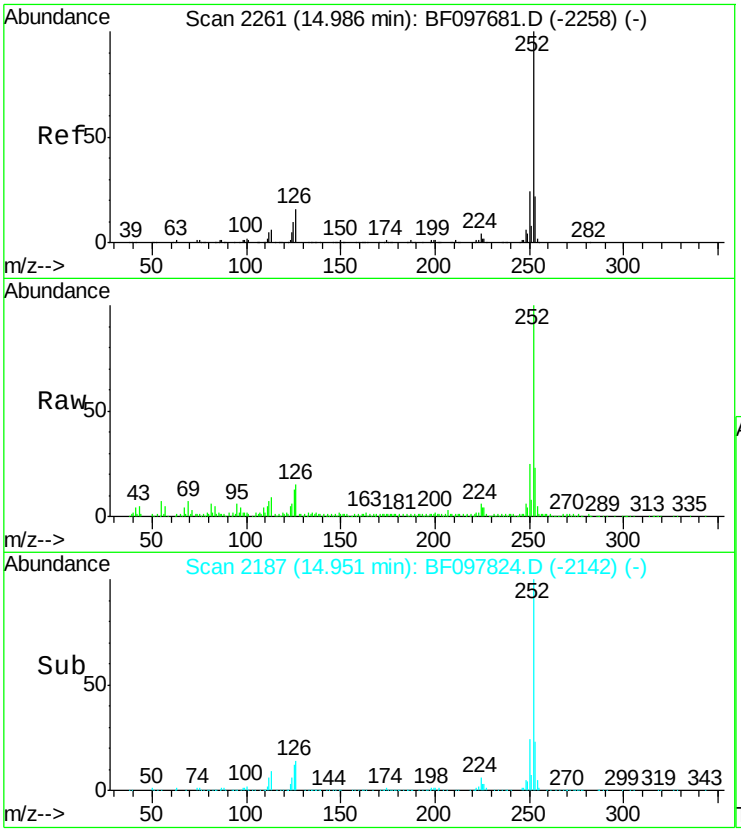


#87
Benzo(b)fluoranthene
Concen: 20.775 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:252 Resp: 245829

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	13.4	9.8	14.8



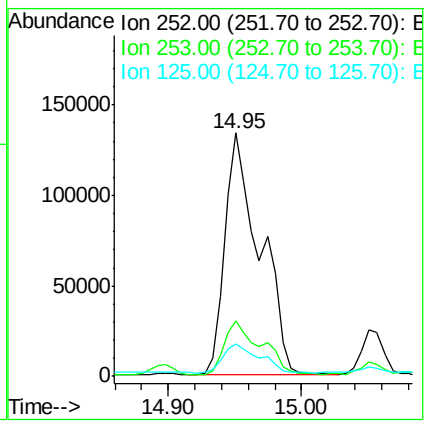


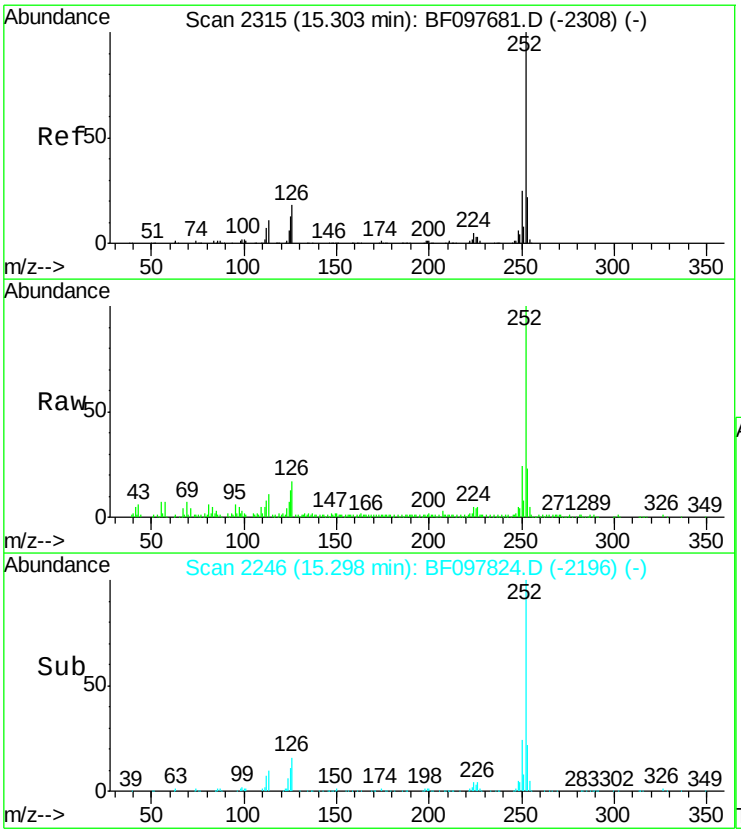
#88
Benzo(k)fluoranthene
Concen: 22.113 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.04 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:252 Resp: 245829

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	13.4	13.1	19.7

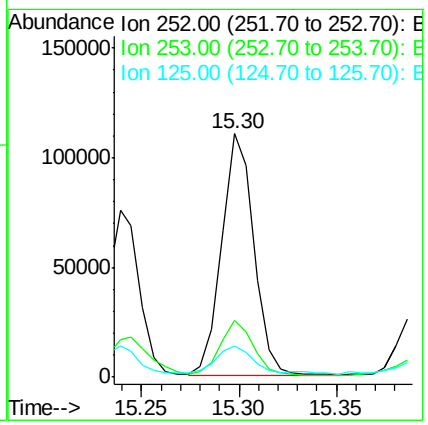


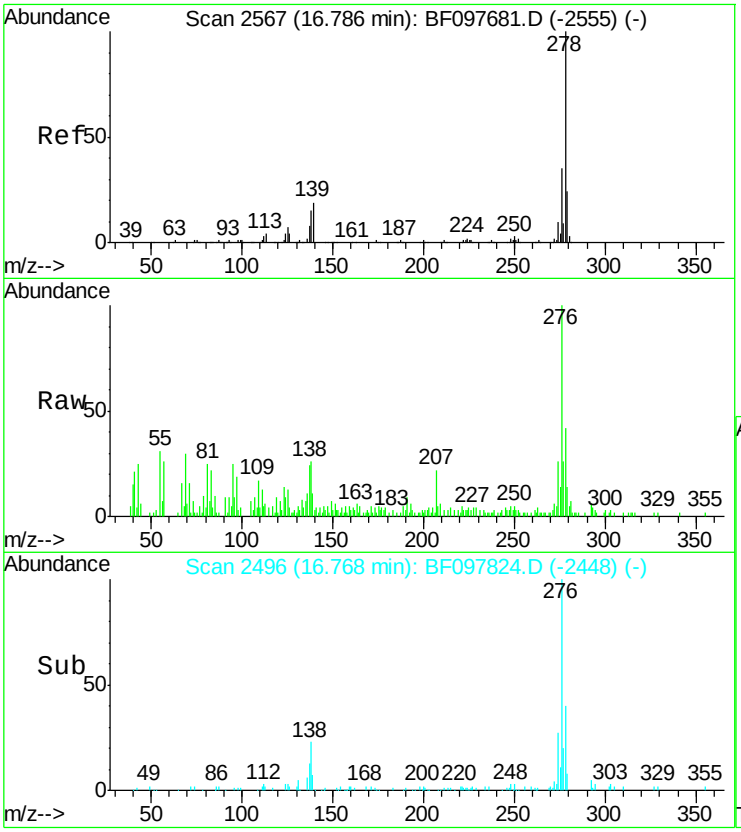


#89
Benzo(a)pyrene
Concen: 12.096 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:252 Resp: 126708

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	13.0	11.0	16.4



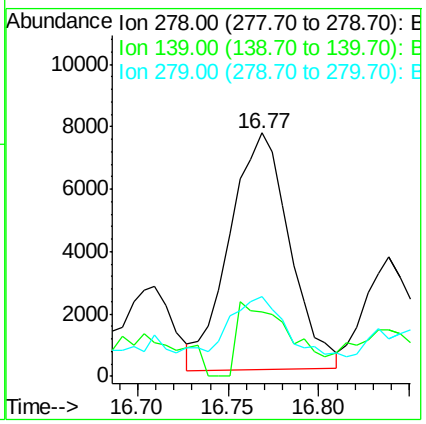


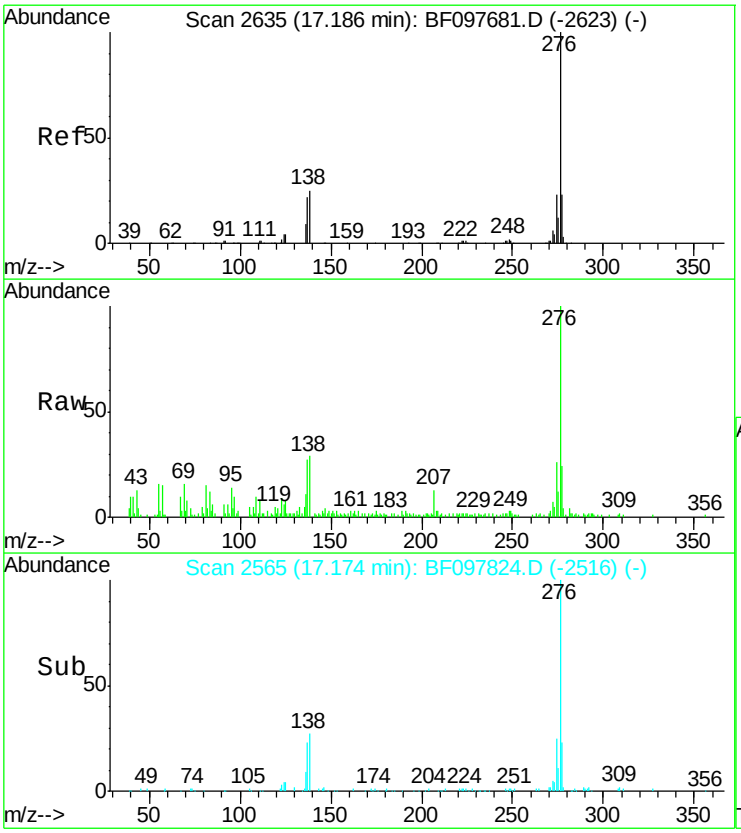
#90
Dibenzo(a,h)anthracene
Concen: 2.063 ng
RT: 16.77 min Scan# 2496
Delta R.T. -0.02 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-K10-BASE

Tgt Ion:278 Resp: 17595

Ion	Ratio	Lower	Upper
278	100		
139	26.3	16.6	24.8#
279	33.0	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 7.279 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BF097824.D
Acq: 18 Aug 2017 9:46

Tgt Ion:276 Resp: 64774

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	28.9	25.4	38.0