Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097825.D
Acq On : 18 Aug 2017 10:14
Operator : SJ/JU
Sample : I4703-07RE
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-H10-ESWRE

Quant Time: Aug 18 13:50:38 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	144361	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	524678	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	200500	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	340343	20.00	ng		0.00
75) Chrysene-d12	13.93	240	296428	20.00	ng		0.00
86) Perylene-d12	15.36	264	216458	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	548482	57.79	ng		0.00
7) Phenol-d6	6.40	99	714653	55.42	ng		0.00
23) Nitrobenzene-d5	7.33	82	426234	44.13	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	82611	47.49	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	466642	34.19	ng		-0.01
78) Terphenyl-d14	12.88	244	325493	22.90	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	57958	6.566	ng	#	73
25) Isophorone	7.33	82	424249	21.125	ng	#	67
32) Benzoic acid	7.85	122	524	6.479	ng	#	28
49) Dimethylphthalate	9.53	163	189000	12.896	ng		98
56) 2,4-Dinitrotoluene	9.81	165	25958	7.070	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.60	198	260	8.455	ng	#	1
70) Phenanthrene	11.32	178	167669	9.245	ng		97
71) Anthracene	11.37	178	47575	2.586	ng		99
74) Fluoranthene	12.50	202	341459	18.038	ng		98
77) Pyrene	12.73	202	360024	14.850	ng		98
80) Benzo(a)anthracene	13.92	228	168451	9.482	ng		94
82) Chrysene	13.96	228	164258	9.294	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	56643	5.499	ng		98
85) Indeno(1,2,3-cd)pyrene	16.76	276	63001	4.846	ng	#	92
87) Benzo(b)fluoranthene	14.95	252	228655	16.759	ng		99
88) Benzo(k)fluoranthene	15.06	252	30785	2.402	ng		99
89) Benzo(a)pyrene	15.30	252	116837	9.673	ng		97
91) Benzo(g,h,i)perylene	17.17	276	62458	6.087	ng		93

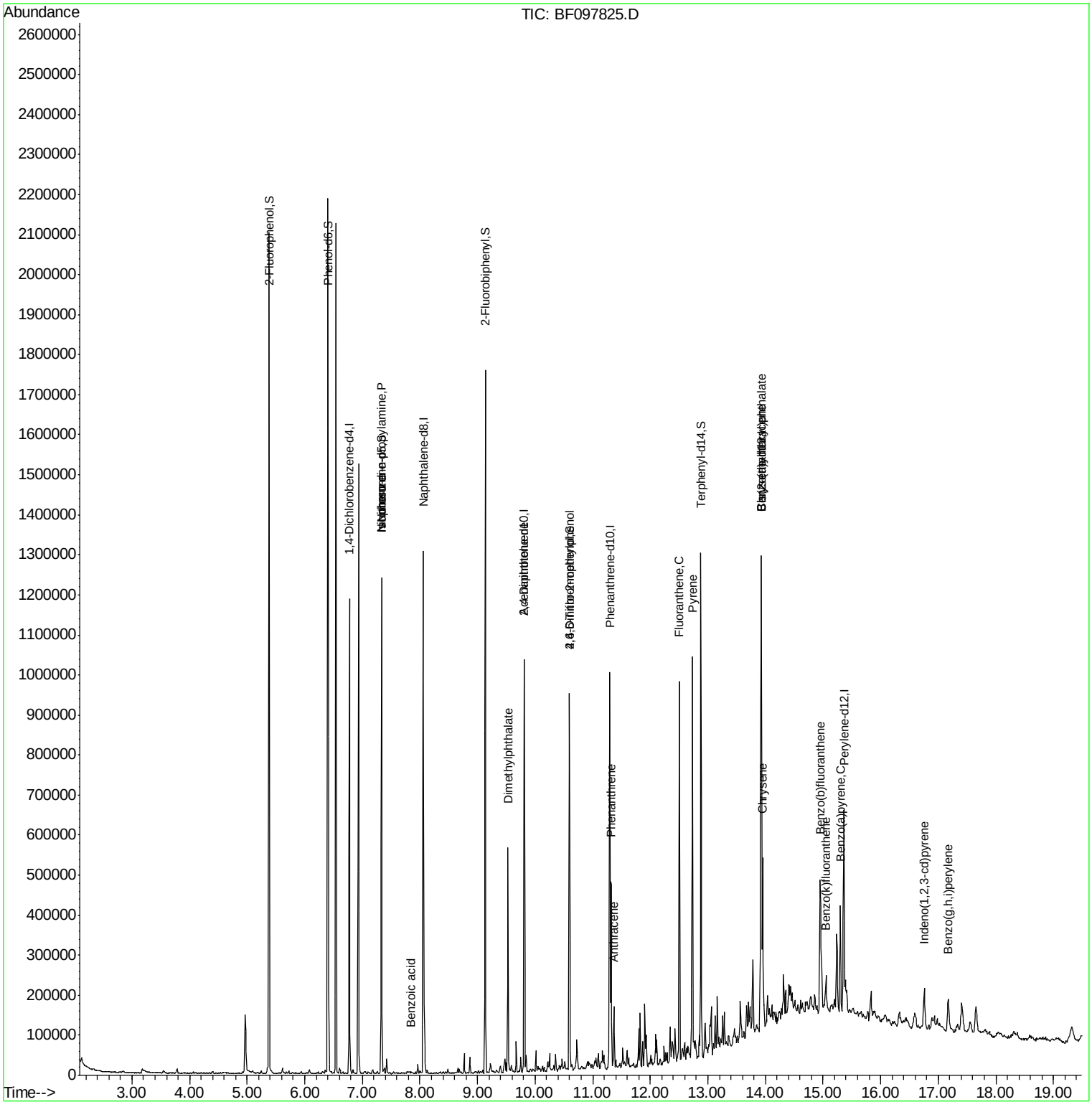
(#) = qualifier out of range (m) = manual integration (+) = signals summed

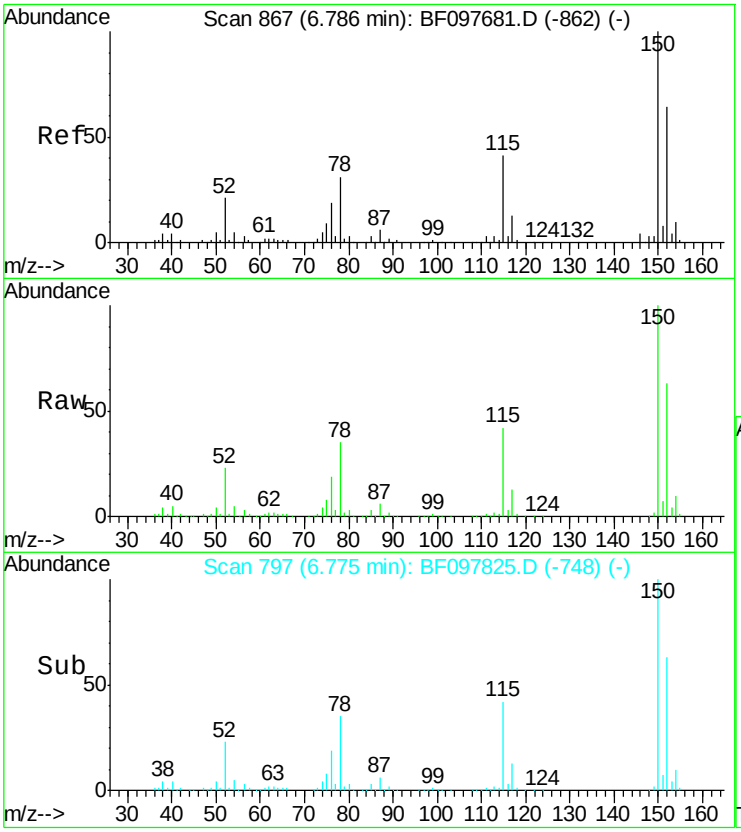
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097825.D
Acq On : 18 Aug 2017 10:14
Operator : SJ/JU
Sample : I4703-07RE
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Quant Time: Aug 18 13:50:38 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



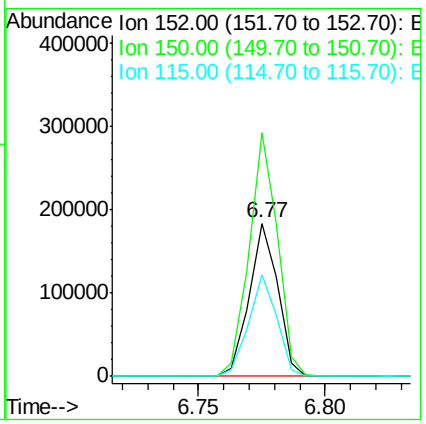


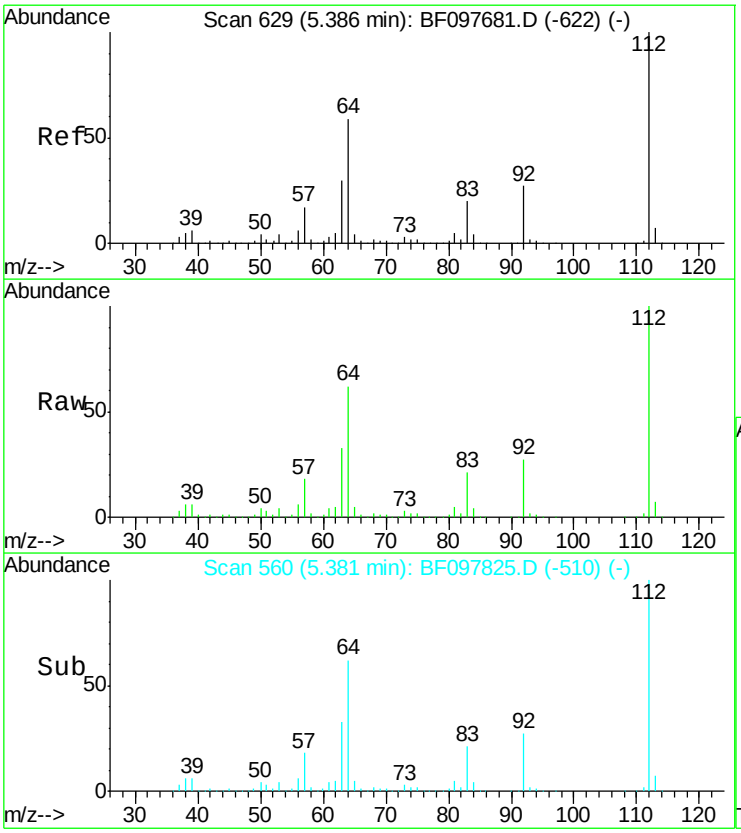
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:152 Resp: 144361

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	66.6	52.2	78.2

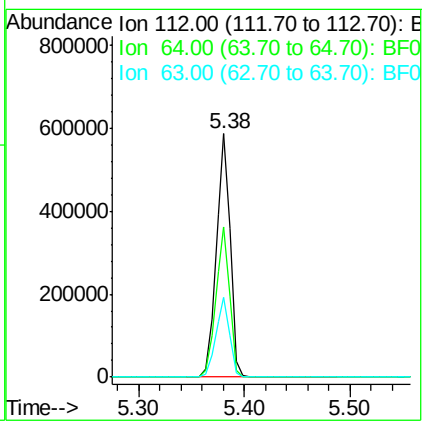


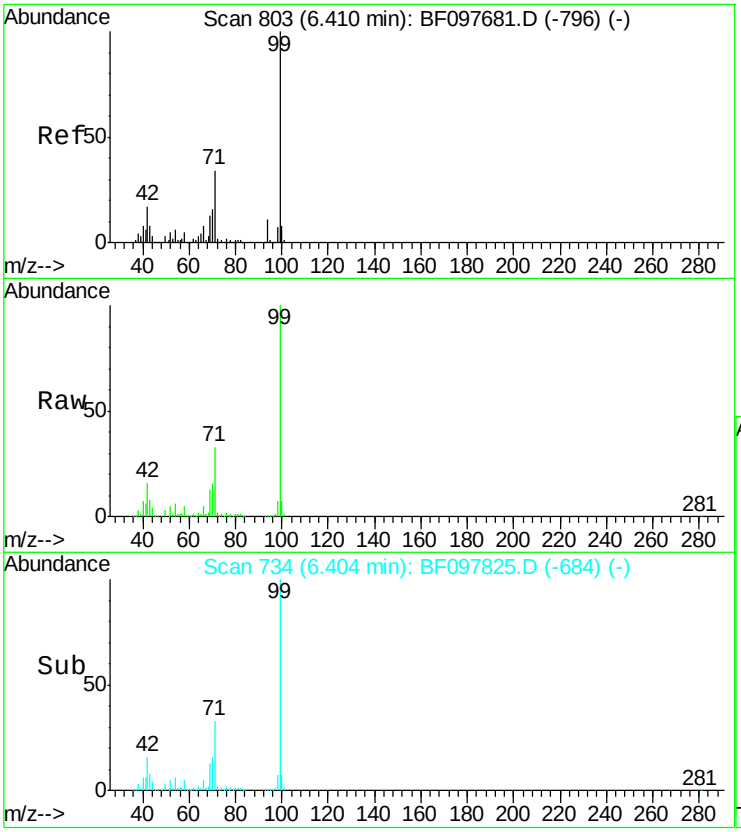


#5
2-Fluorophenol
Concen: 57.791 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:112 Resp: 548482

Ion	Ratio	Lower	Upper
112	100		
64	61.6	46.0	69.0
63	32.7	23.4	35.0



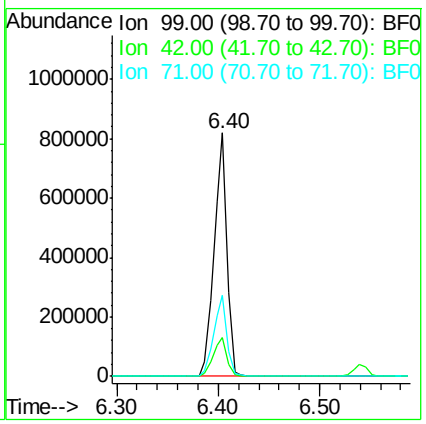


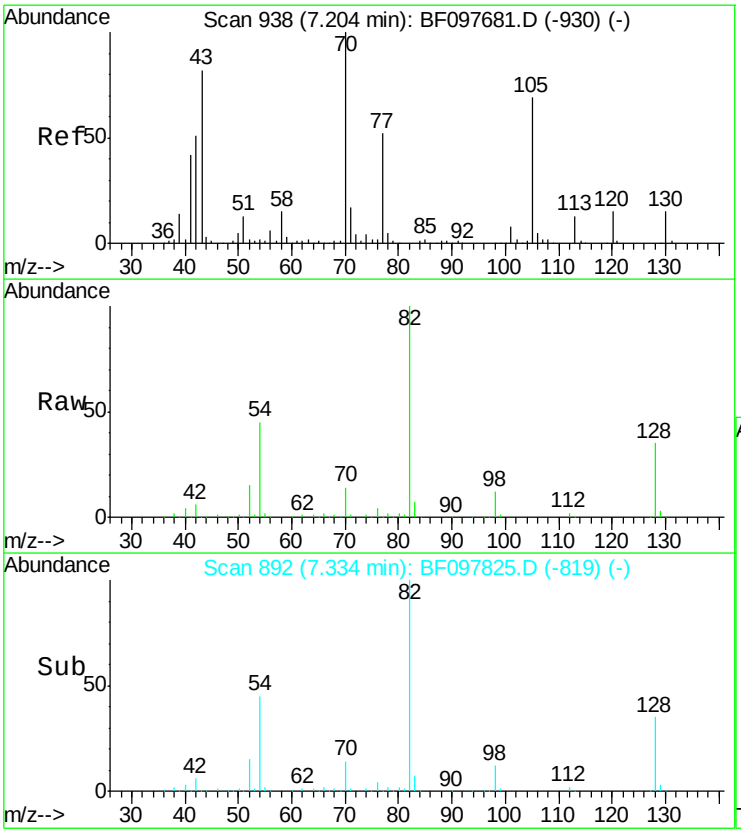
#7
Phenol-d6
Concen: 55.420 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion: 99 Resp: 714653

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	33.1	24.5	36.7

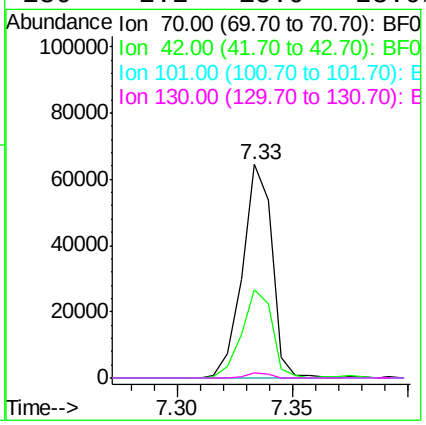


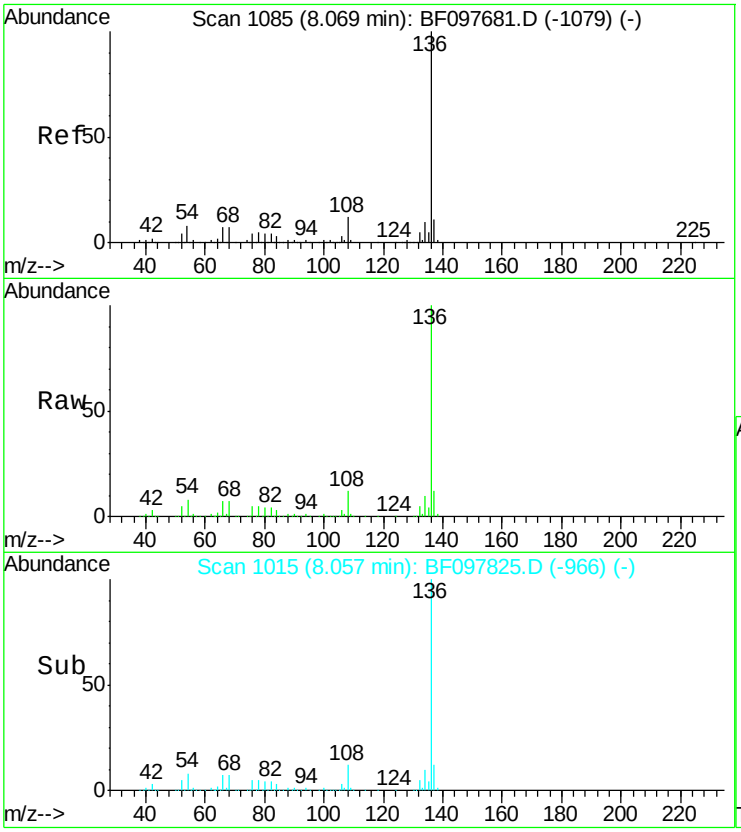


#19
n-Nitroso-di-n-propylamine
Concen: 6.566 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.13 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion: 70 Resp: 57958

Ion	Ratio	Lower	Upper
70	100		
42	41.3	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



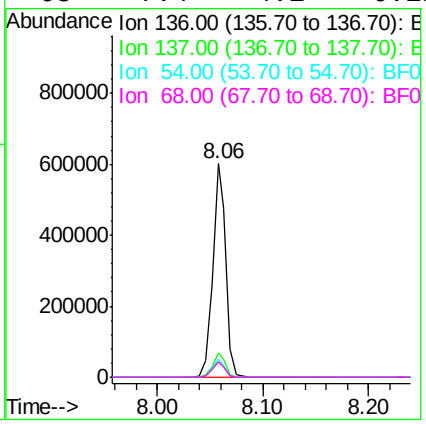


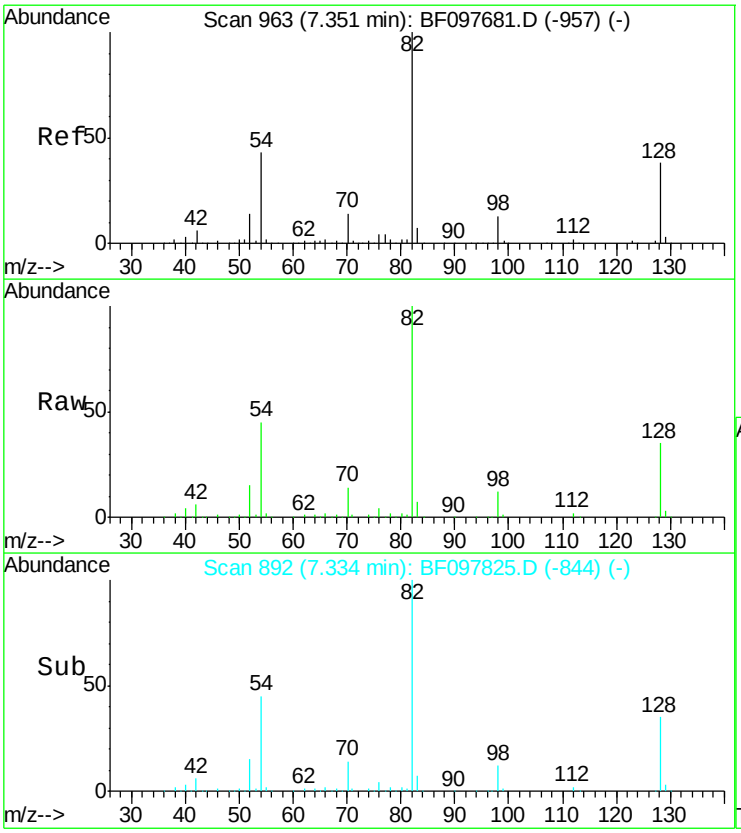
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:136 Resp: 524678

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	8.4	4.9	7.3#
68	7.4	4.1	6.1#

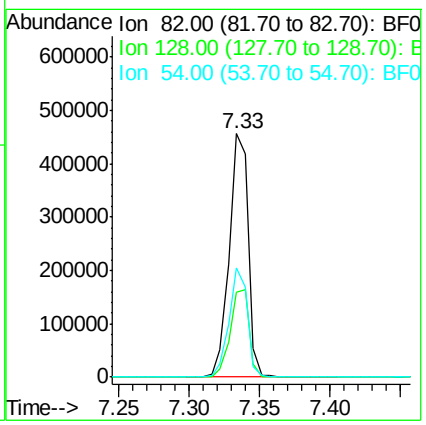


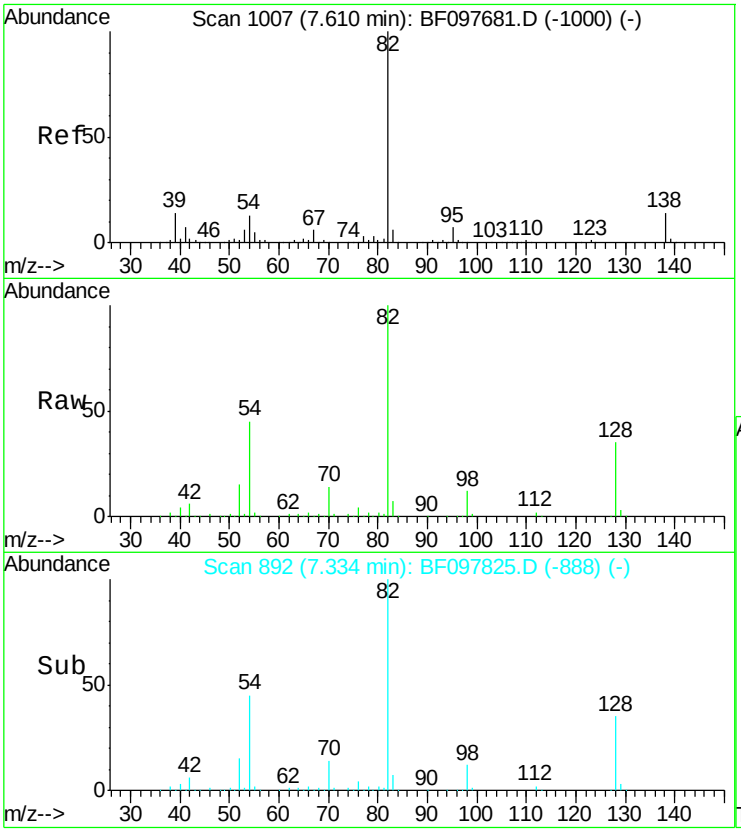


#23
Nitrobenzene-d5
Concen: 44.132 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion: 82 Resp: 426234

Ion	Ratio	Lower	Upper
82	100		
128	35.0	34.0	51.0
54	44.7	42.2	63.2



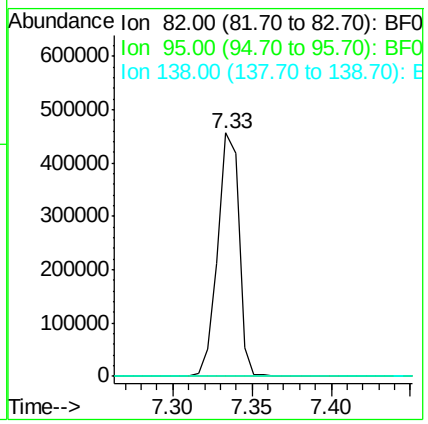


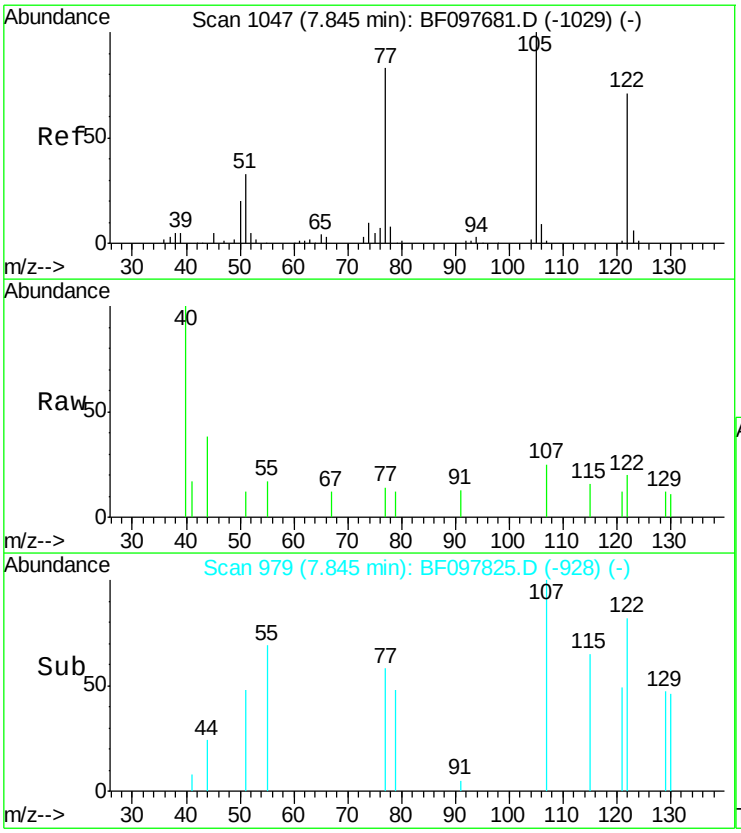
#25
Isophorone
Concen: 21.125 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.28 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion: 82 Resp: 424249

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

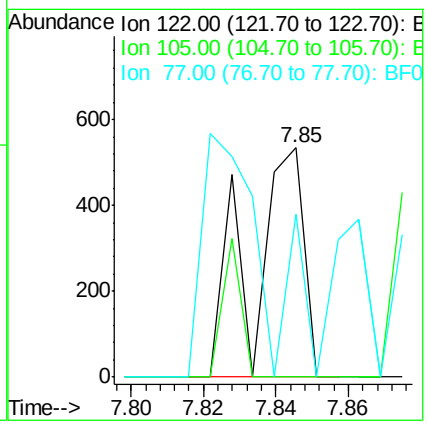


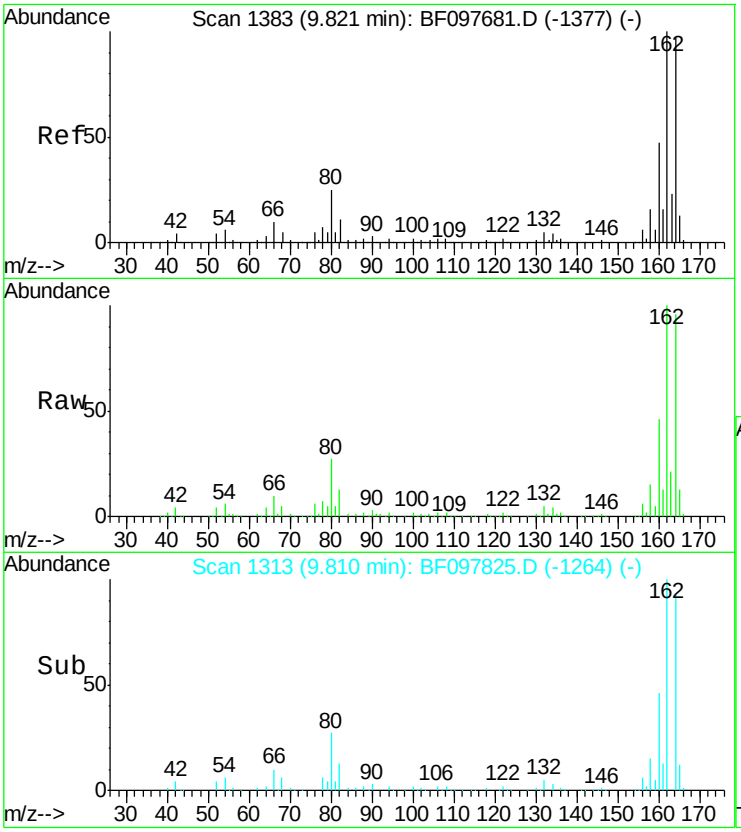


#32
Benzoic acid
Concen: 6.479 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:122 Resp: 524

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	71.0	73.7	113.7#



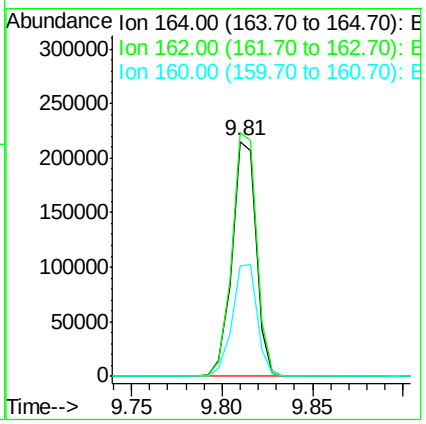


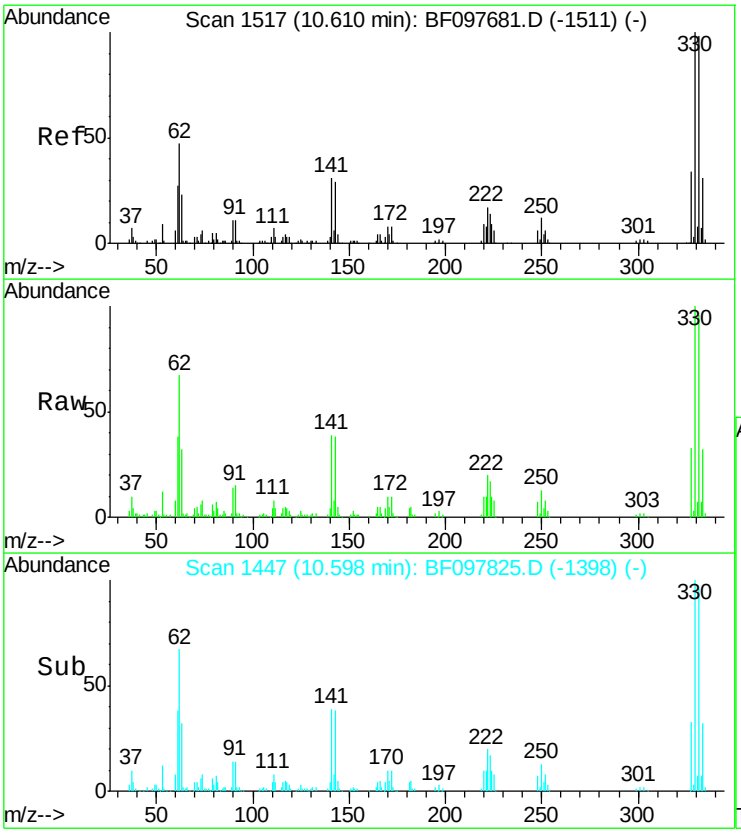
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:164 Resp: 200500

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	47.3	36.2	54.2

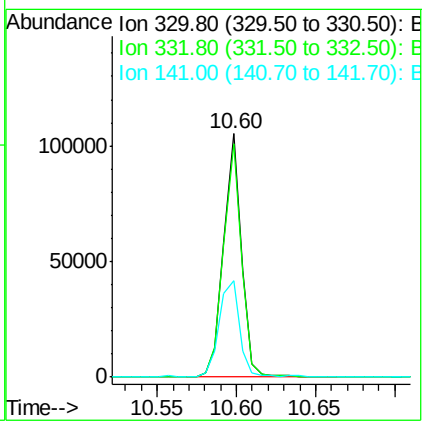


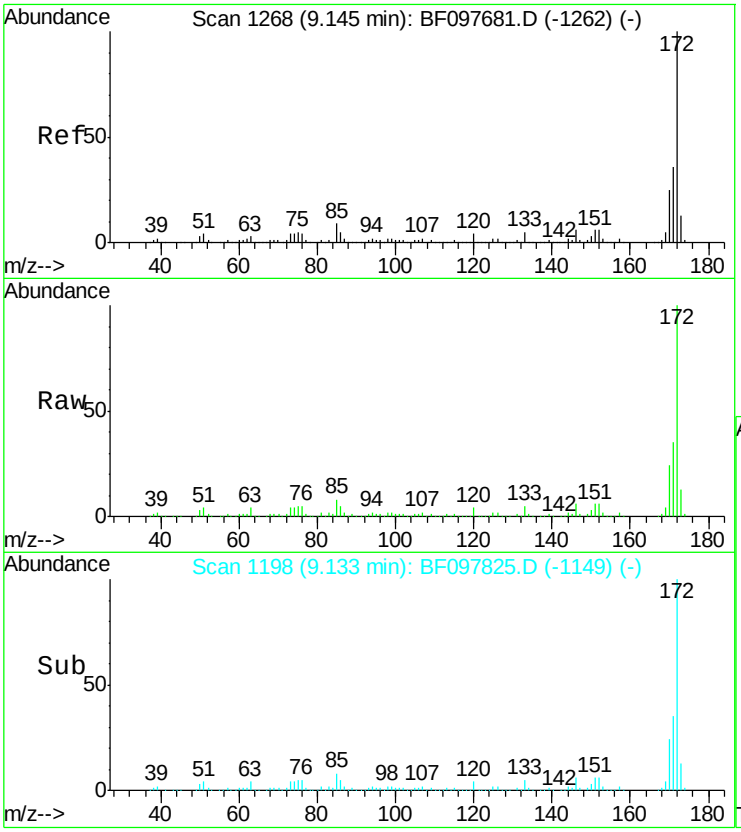


#41
2,4,6-Tribromophenol
Concen: 47.487 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:330 Resp: 82611

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	46.2	31.4	47.2



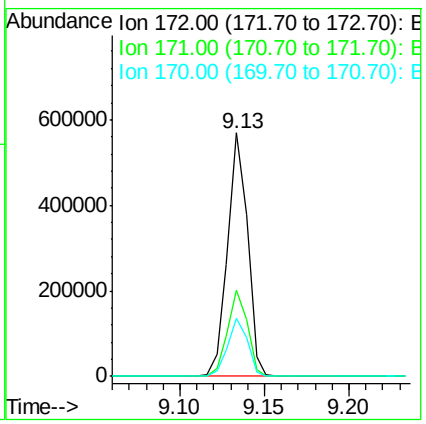


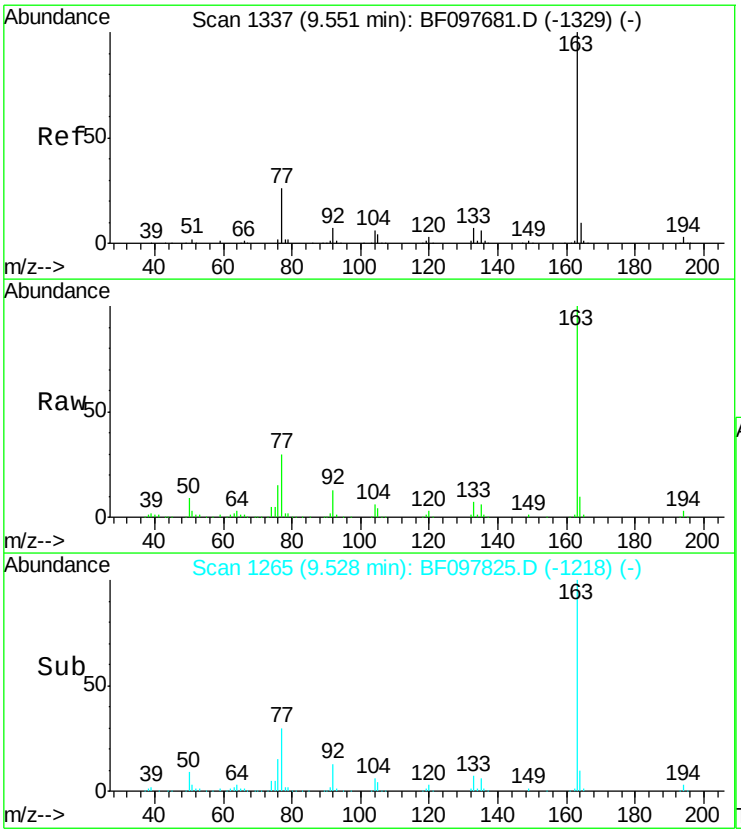
#44
2-Fluorobiphenyl
Concen: 34.194 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:172 Resp: 466642

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	24.1	19.8	29.8

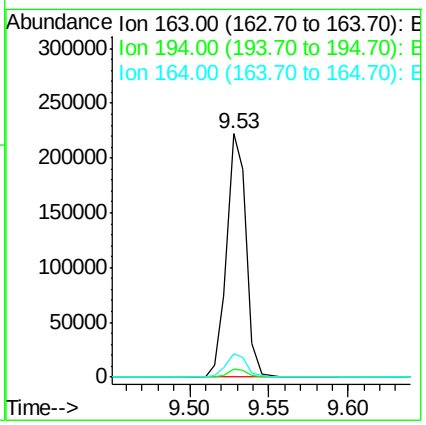


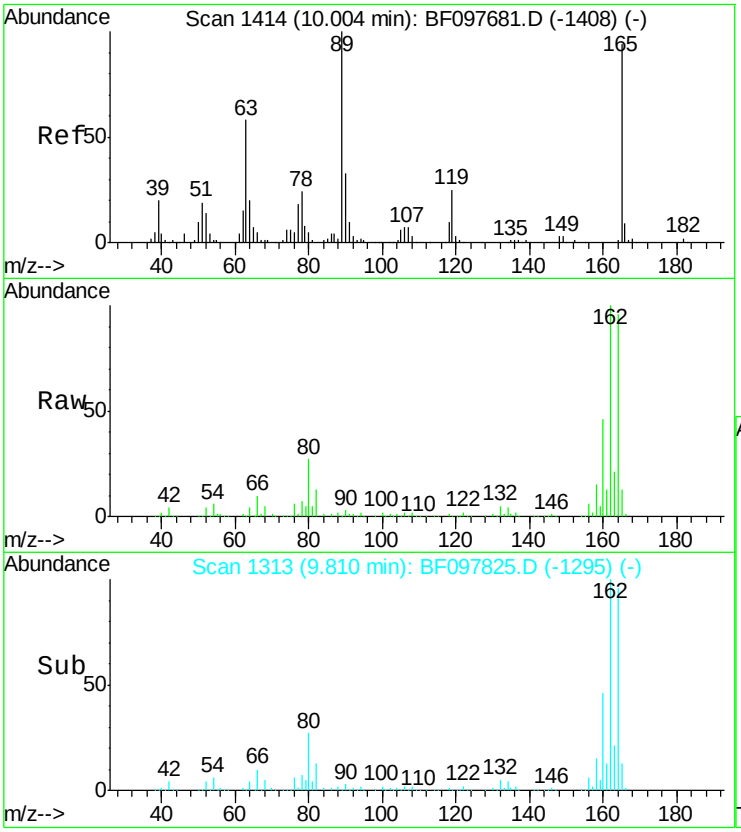


#49
Dimethylphthalate
Concen: 12.896 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:163 Resp: 189000

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.5	8.4	12.6



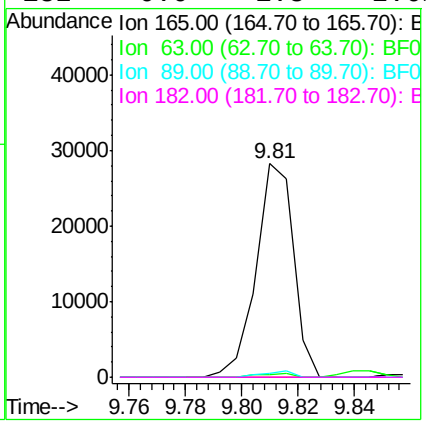


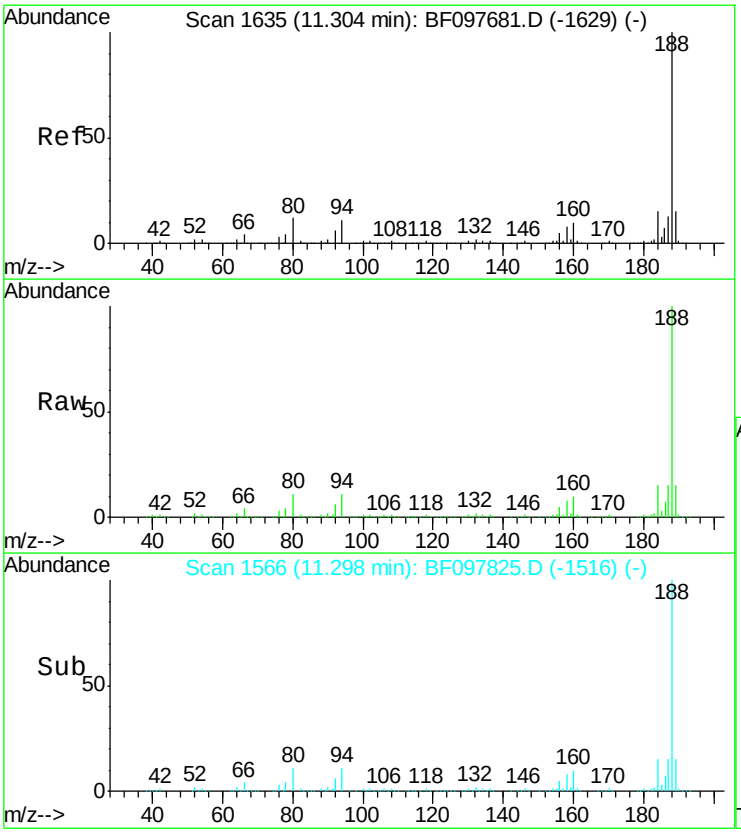
#56
2,4-Dinitrotoluene
Concen: 7.070 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:165 Resp: 25958

Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

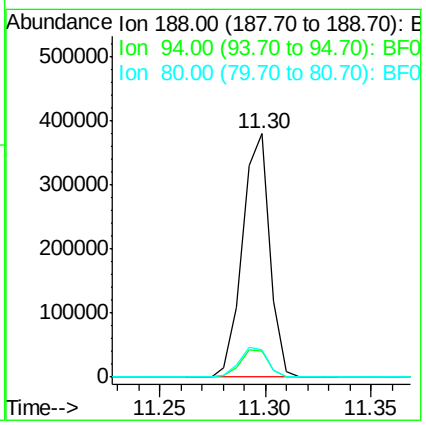


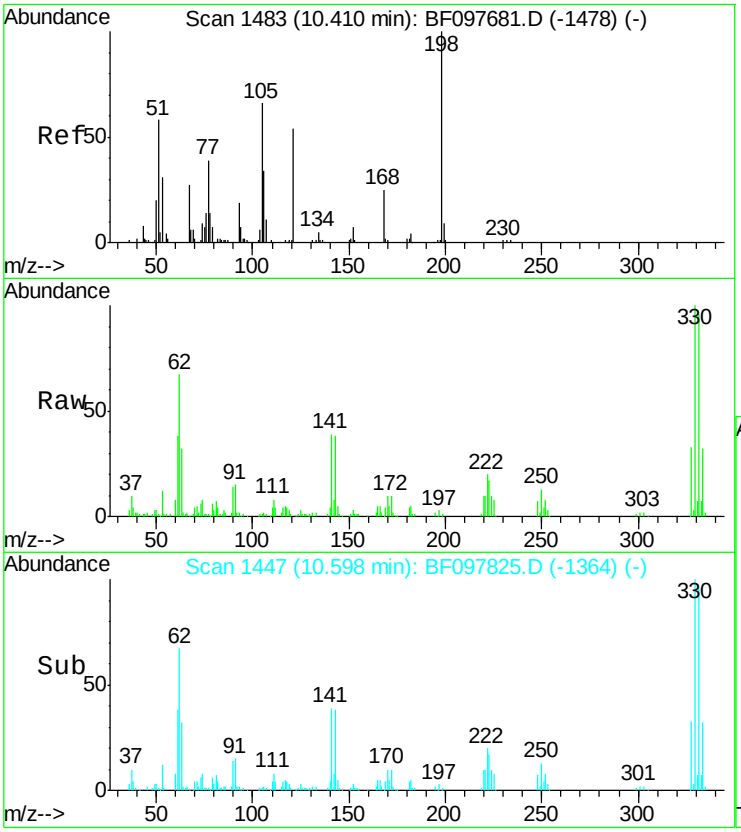


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:188 Resp: 340343

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.2	10.2	15.2



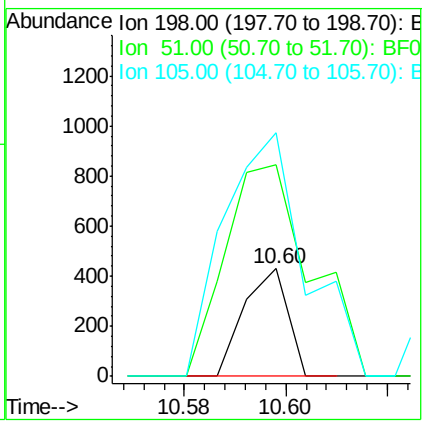


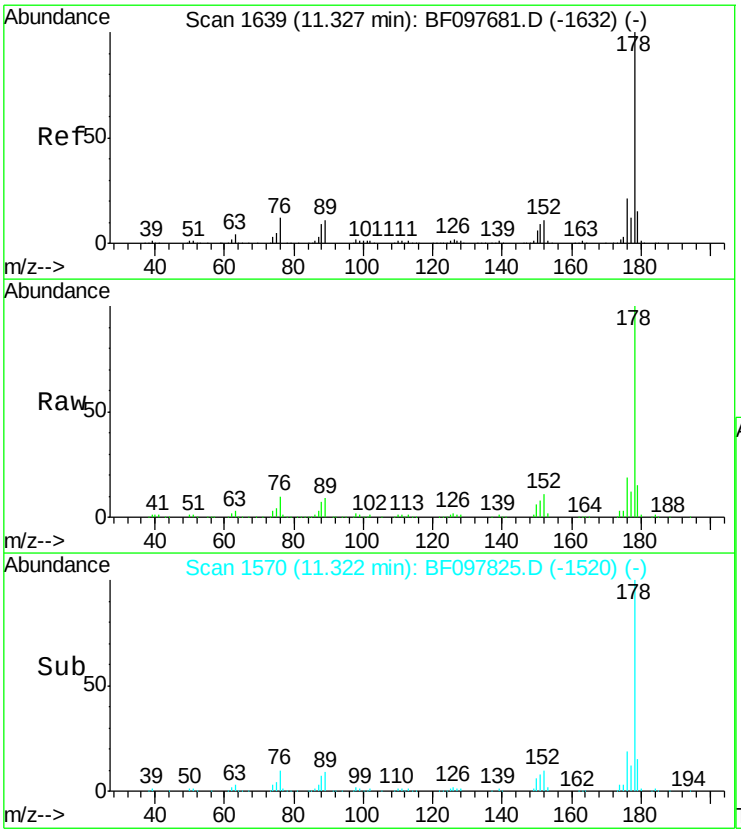
#64
4,6-Dinitro-2-methylphenol
Concen: 8.455 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:198 Resp: 260

Ion	Ratio	Lower	Upper
198	100		
51	197.4	53.2	93.2#
105	226.6	45.8	85.8#

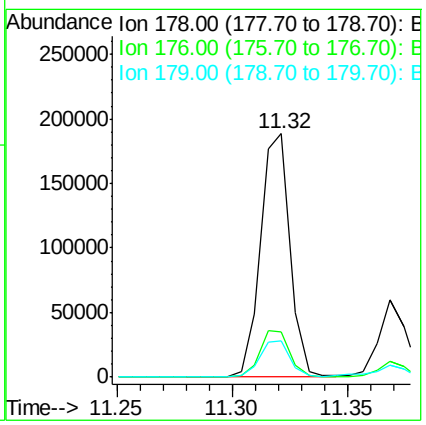


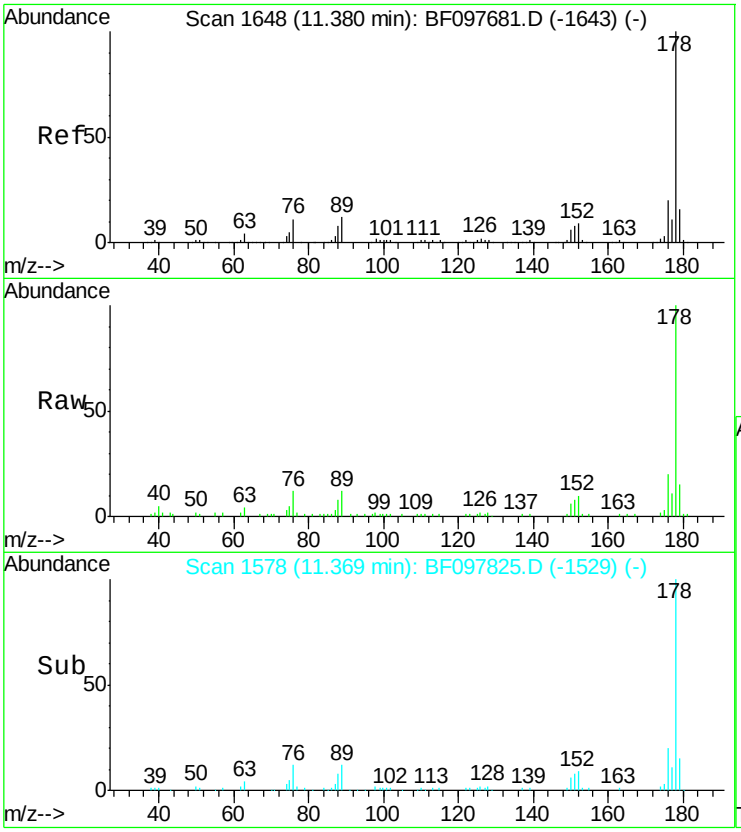


#70
Phenanthrene
Concen: 9.245 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:178 Resp: 167669

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	14.7	12.6	19.0



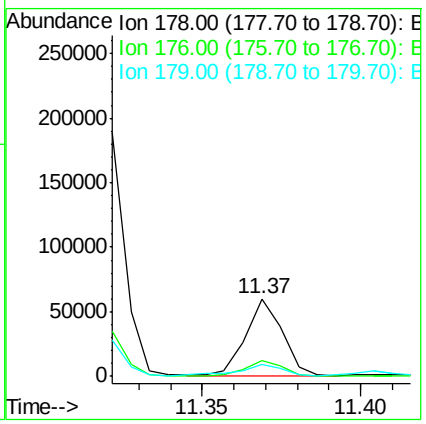


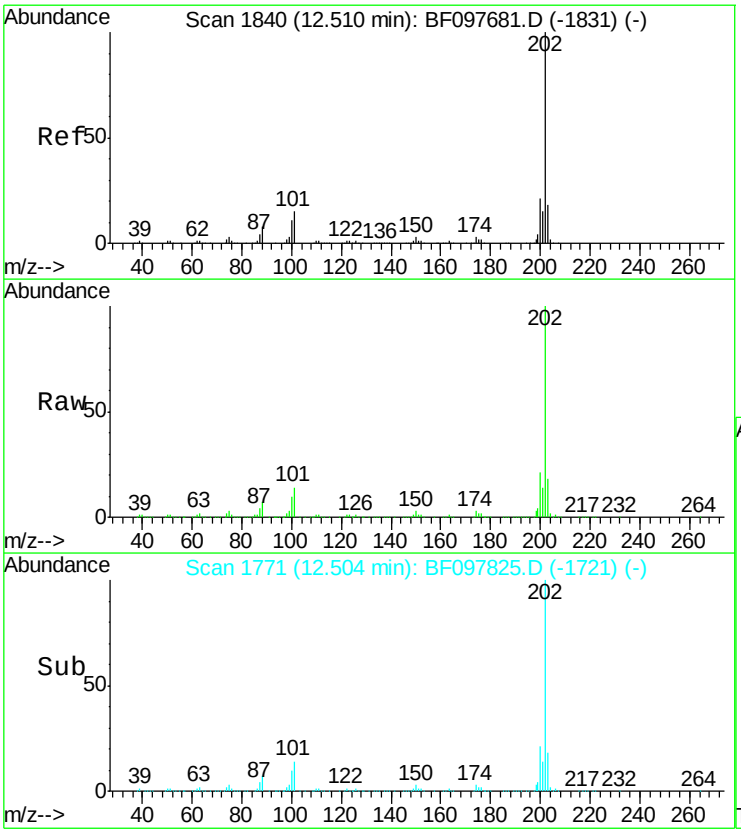
#71
Anthracene
Concen: 2.586 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:178 Resp: 47575

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	12.7	19.1

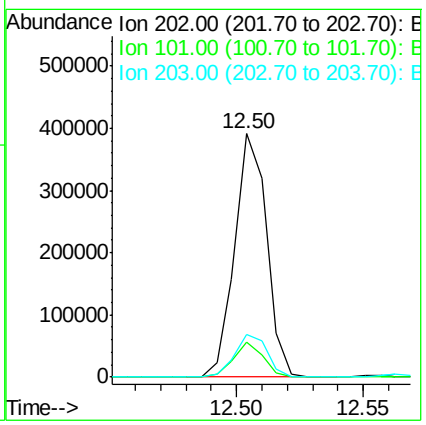


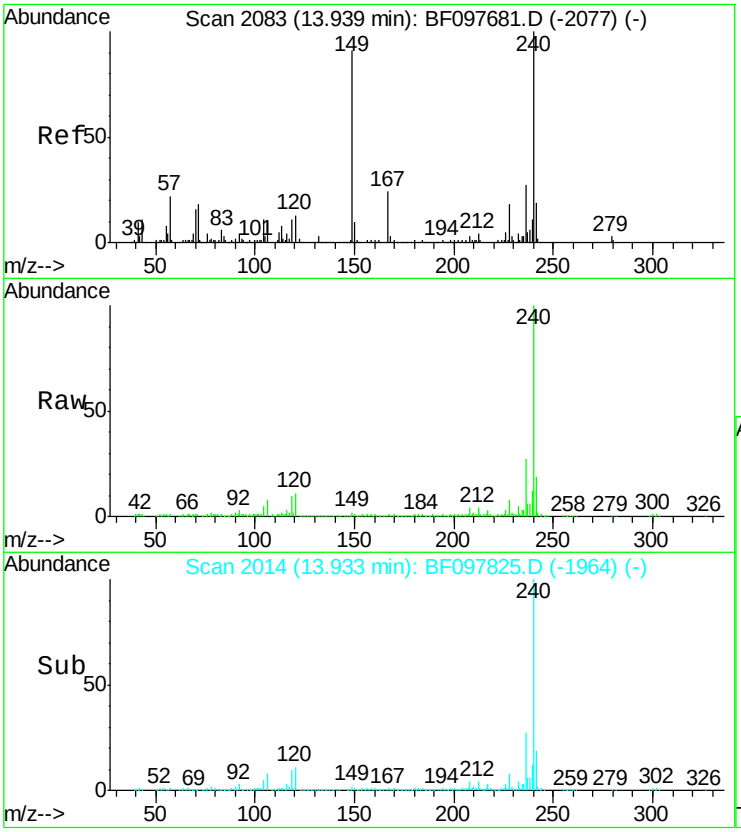


#74
Fluoranthene
Concen: 18.038 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:202 Resp: 341459

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	17.6	0.0	38.1



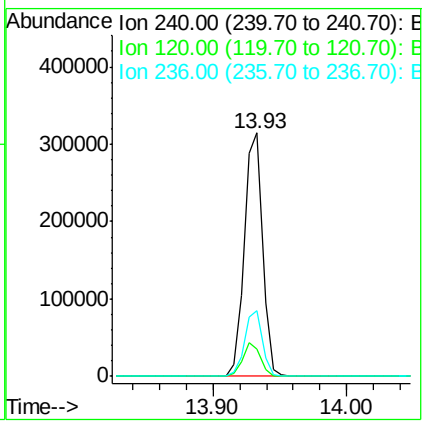


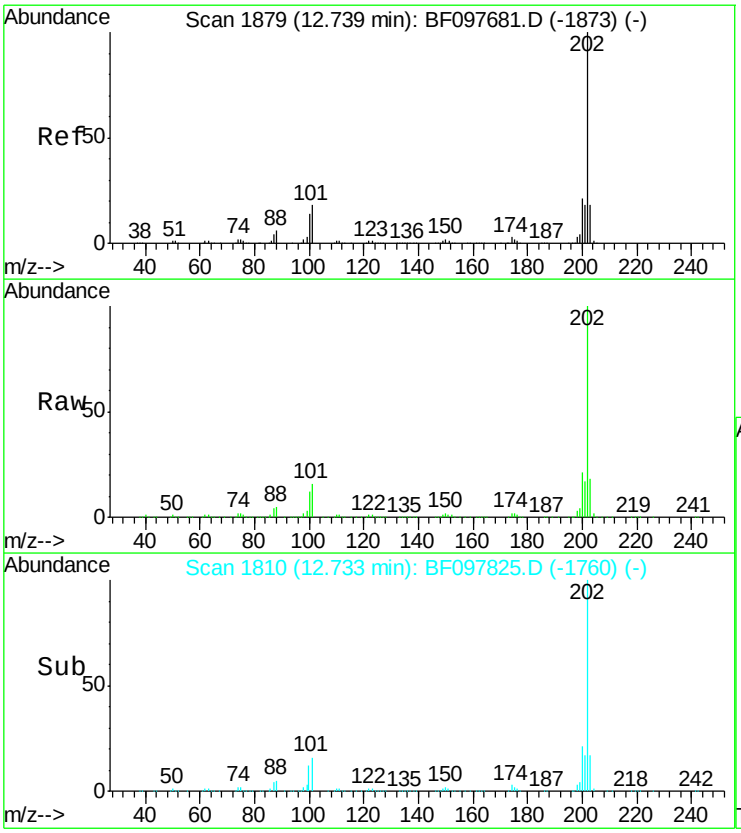
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:240 Resp: 296428

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.8	8.8#
236	27.2	20.5	30.7

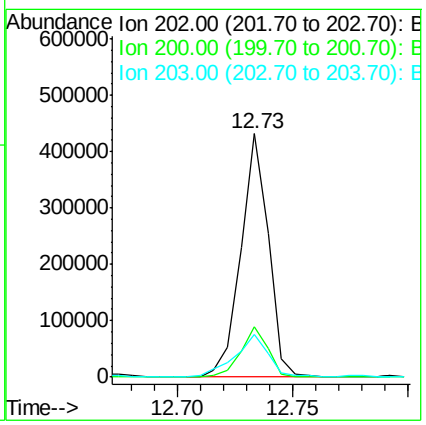


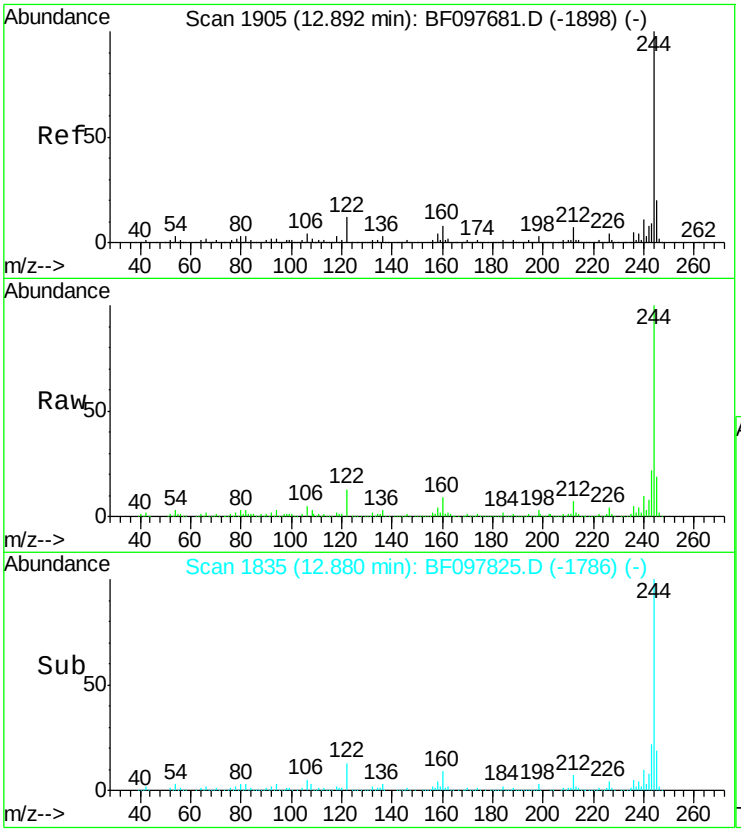


#77
Pyrene
Concen: 14.850 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:202 Resp: 360024

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.5	14.4	21.6



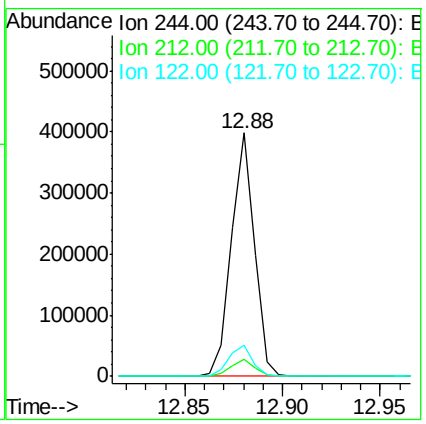


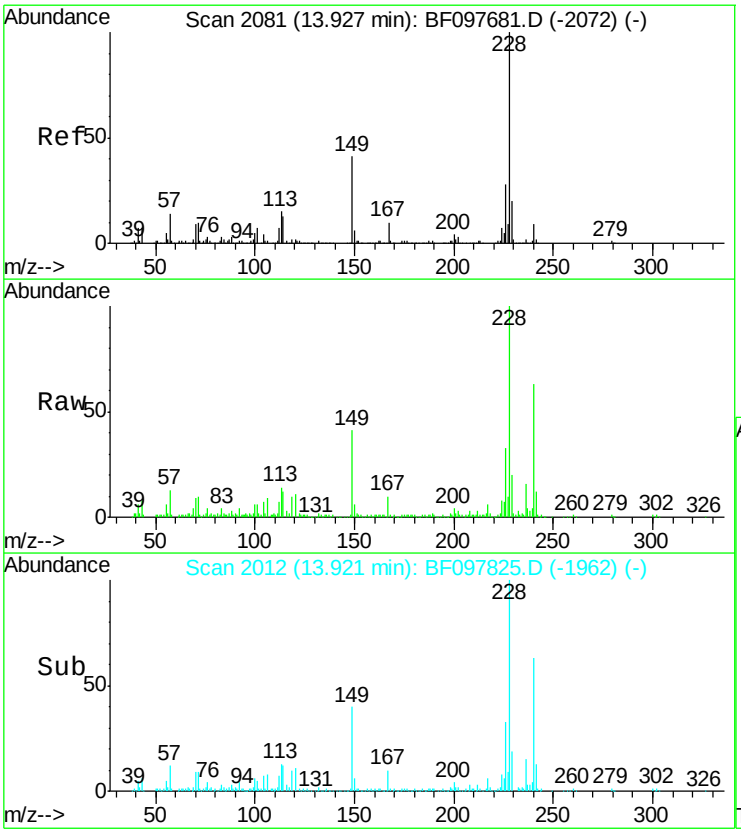
#78
Terphenyl-d14
Concen: 22.898 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:244 Resp: 325493

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.8	10.3	15.5

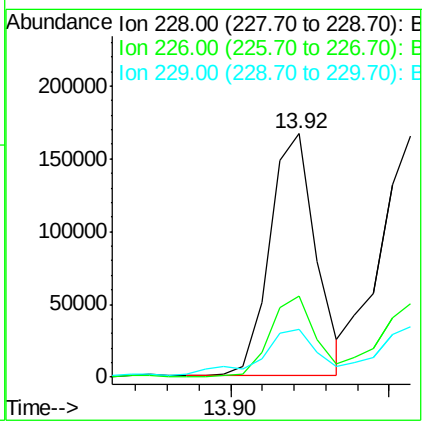


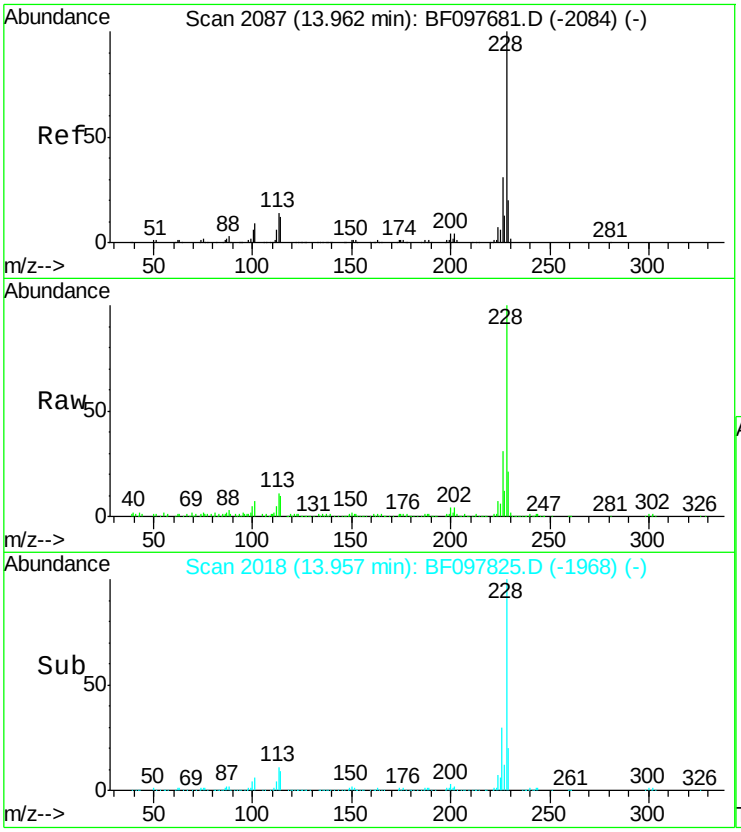


#80
Benzo(a)anthracene
Concen: 9.482 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:228 Resp: 168451

Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	19.6	16.3	24.5



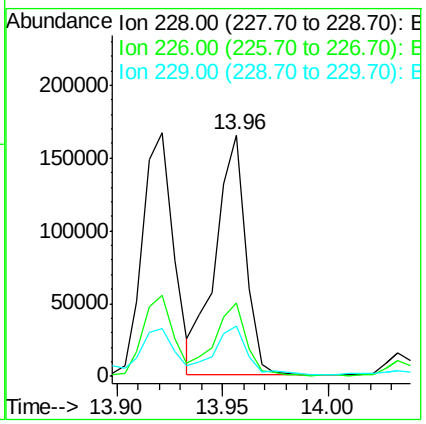


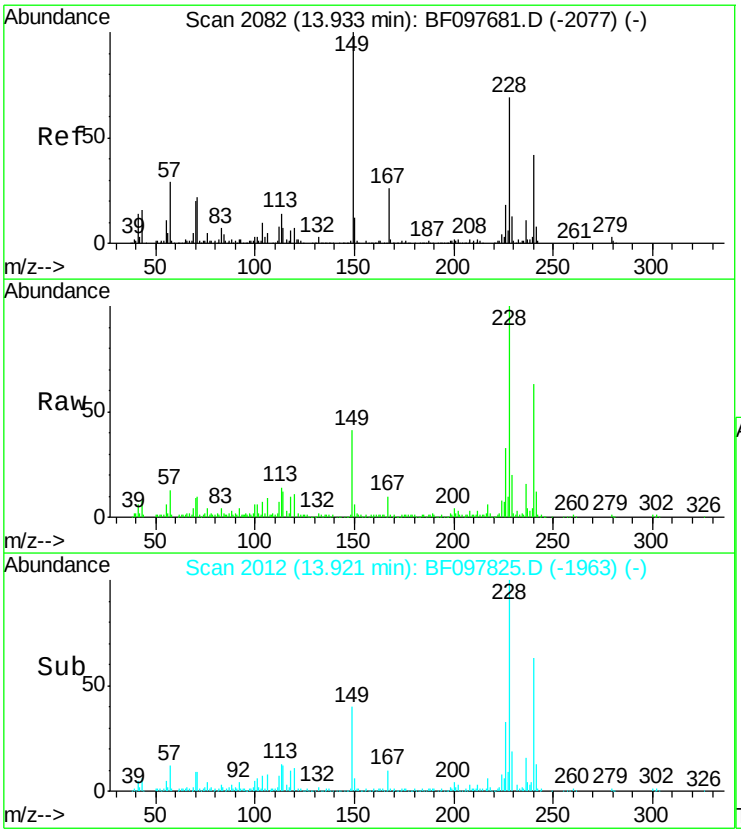
#82
Chrysene
Concen: 9.294 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:228 Resp: 164258

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.8	15.8	23.6

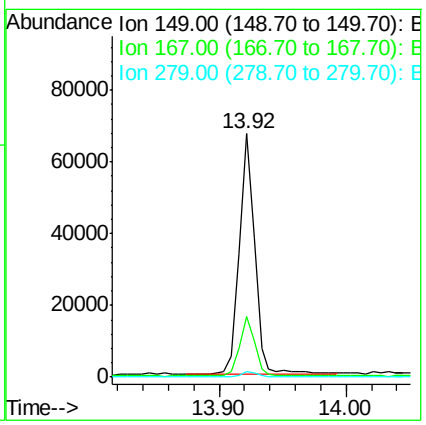


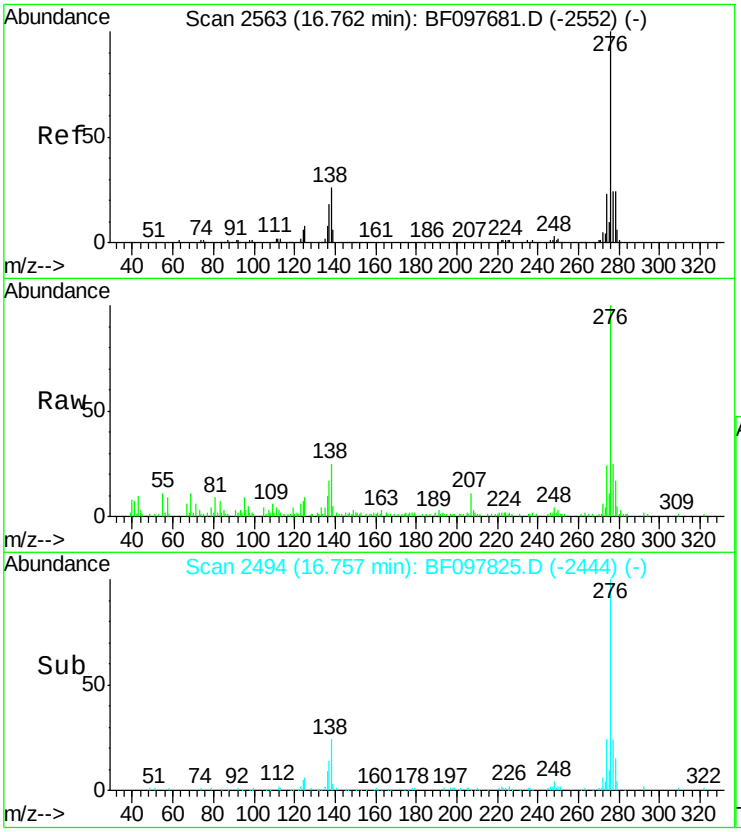


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.499 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:149 Resp: 56643

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.0	31.4
279	2.3	1.9	2.9



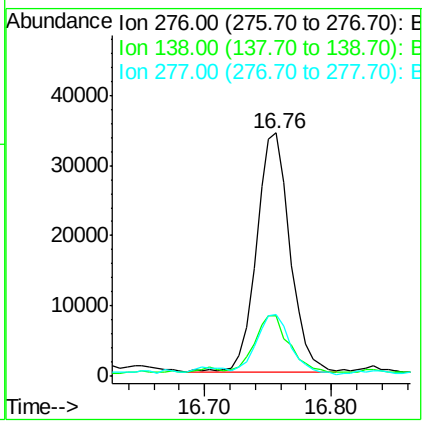


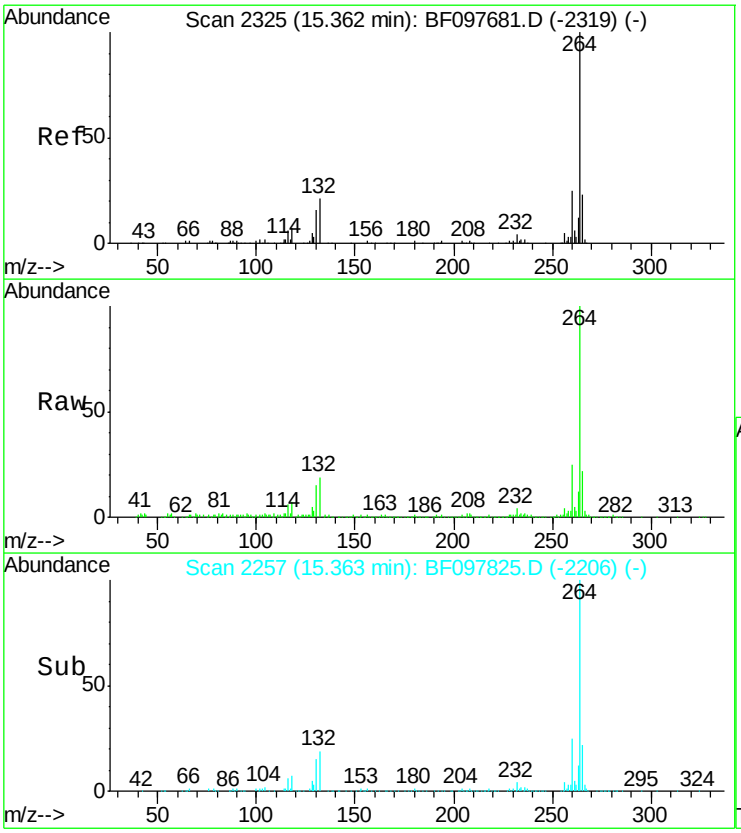
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.846 ng
RT: 16.76 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:276 Resp: 63001

Ion	Ratio	Lower	Upper
276	100		
138	26.7	27.8	41.6#
277	25.0	20.2	30.4

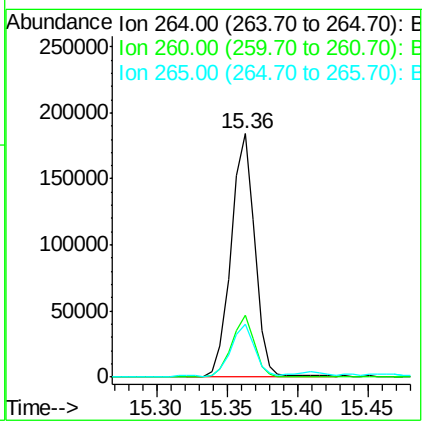


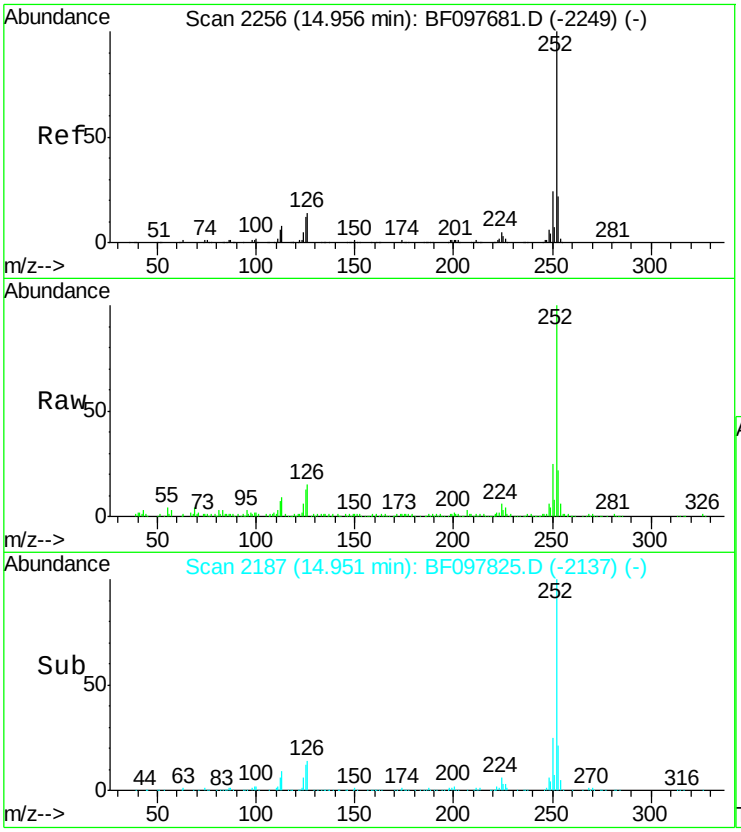


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:264 Resp: 216458

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.9	17.2	25.8



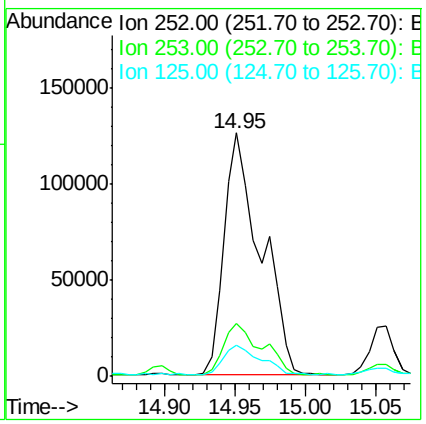


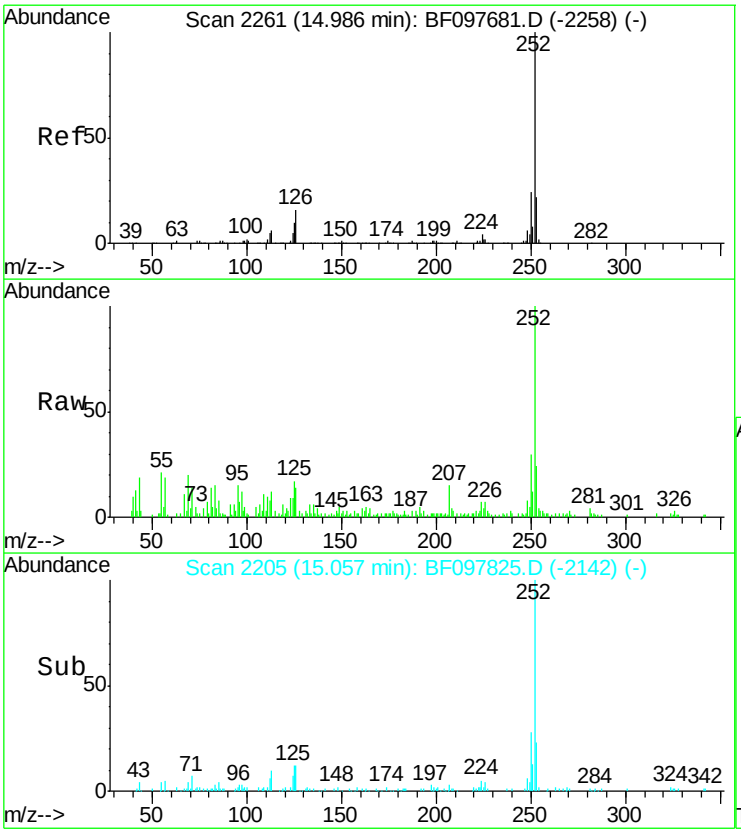
#87
Benzo(b)fluoranthene
Concen: 16.759 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:252 Resp: 228655

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.7	9.8	14.8

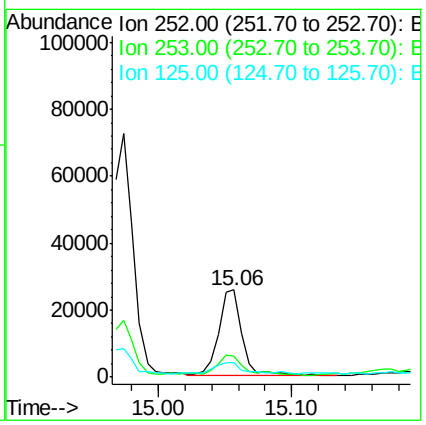


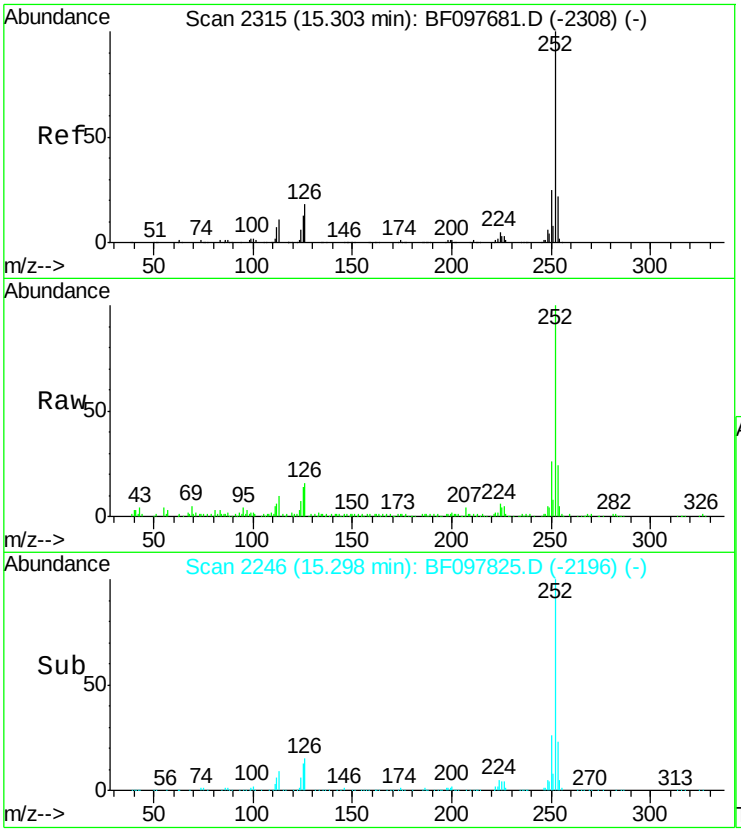


#88
Benzo(k)fluoranthene
Concen: 2.402 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.07 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:252 Resp: 30785

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	16.7	13.1	19.7



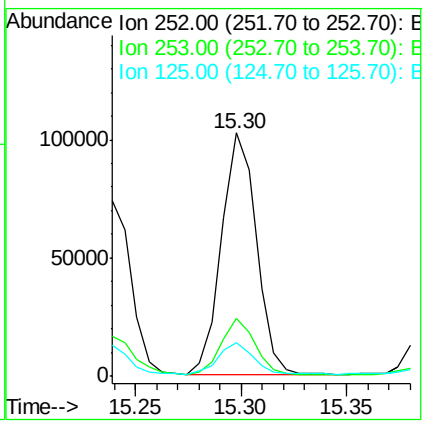


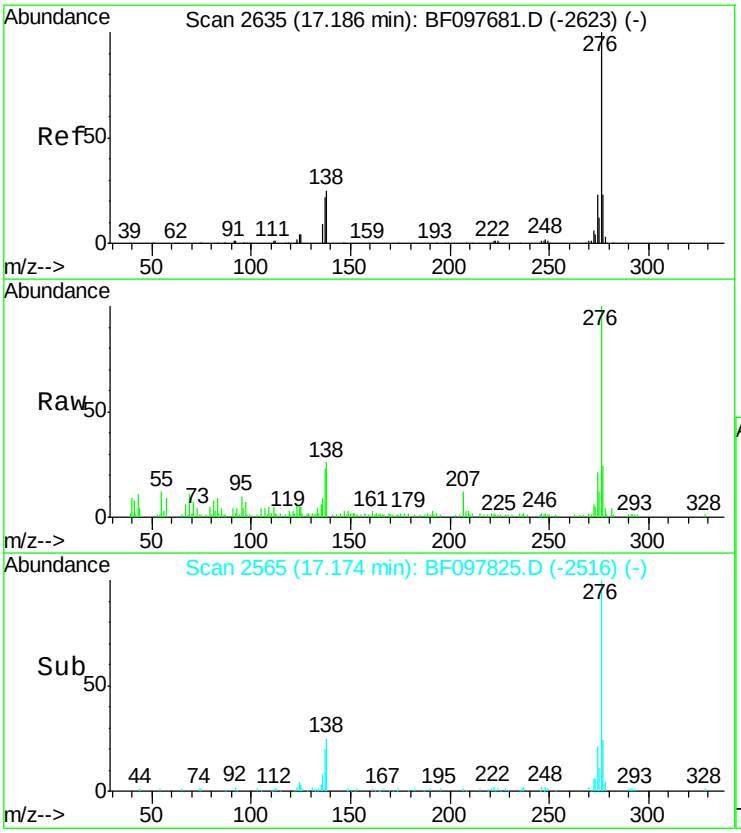
#89
Benzo(a)pyrene
Concen: 9.673 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESWRE

Tgt Ion:252 Resp: 116837

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	13.8	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 6.087 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BF097825.D
Acq: 18 Aug 2017 10:14

Tgt Ion:276 Resp: 62458

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	25.8	25.4	38.0