Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081517\
Data File : BF097728.D
Acq On : 16 Aug 2017 9:12
Operator : SJ/JU
Sample : I4703-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-H10-ESW

Quant Time: Aug 16 12:15:20 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	6.79	152	148849	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	554242	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	212678	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	316191	20.00	ng		0.00
75) Chrysene-d12	13.94	240	303314	20.00	ng		0.00
86) Perylene-d12	15.37	264	227580	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	565763	57.81	ng		0.00
7) Phenol-d6	6.41	99	739210	55.60	ng		0.00
23) Nitrobenzene-d5	7.35	82	442562	43.38	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	83282	45.13	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	499902	34.53	ng		0.00
78) Terphenyl-d14	12.89	244	284875	19.59	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	59653	6.554	ng	#	73
25) Isophorone	7.35	82	442023	20.836	ng	#	67
32) Benzoic acid	7.85	122	687	6.497	ng	#	26
49) Dimethylphthalate	9.54	163	199103	12.807	ng		99
56) 2,4-Dinitrotoluene	9.82	165	27789	7.136	ng	#	34
70) Phenanthrene	11.33	178	153864	9.132	ng		98
71) Anthracene	11.37	178	42553	2.490	ng		97
74) Fluoranthene	12.52	202	298235	16.958	ng		98
77) Pyrene	12.74	202	316361	12.753	ng		98
80) Benzo(a)anthracene	13.93	228	179089	9.852	ng		95
82) Chrysene	13.96	228	158697	8.776	ng		97
83) Bis(2-ethylhexyl)phthalate	13.93	149	47303	4.488	ng		98
85) Indeno(1,2,3-cd)pyrene	16.76	276	60142	4.521	ng		94
87) Benzo(b)fluoranthene	14.96	252	258149	17.996	ng		98
88) Benzo(k)fluoranthene	15.06	252	33736	2.503	ng		95
89) Benzo(a)pyrene	15.31	252	126015	9.923	ng		98
91) Benzo(g,h,i)perylene	17.19	276	57366	5.318	ng		94

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

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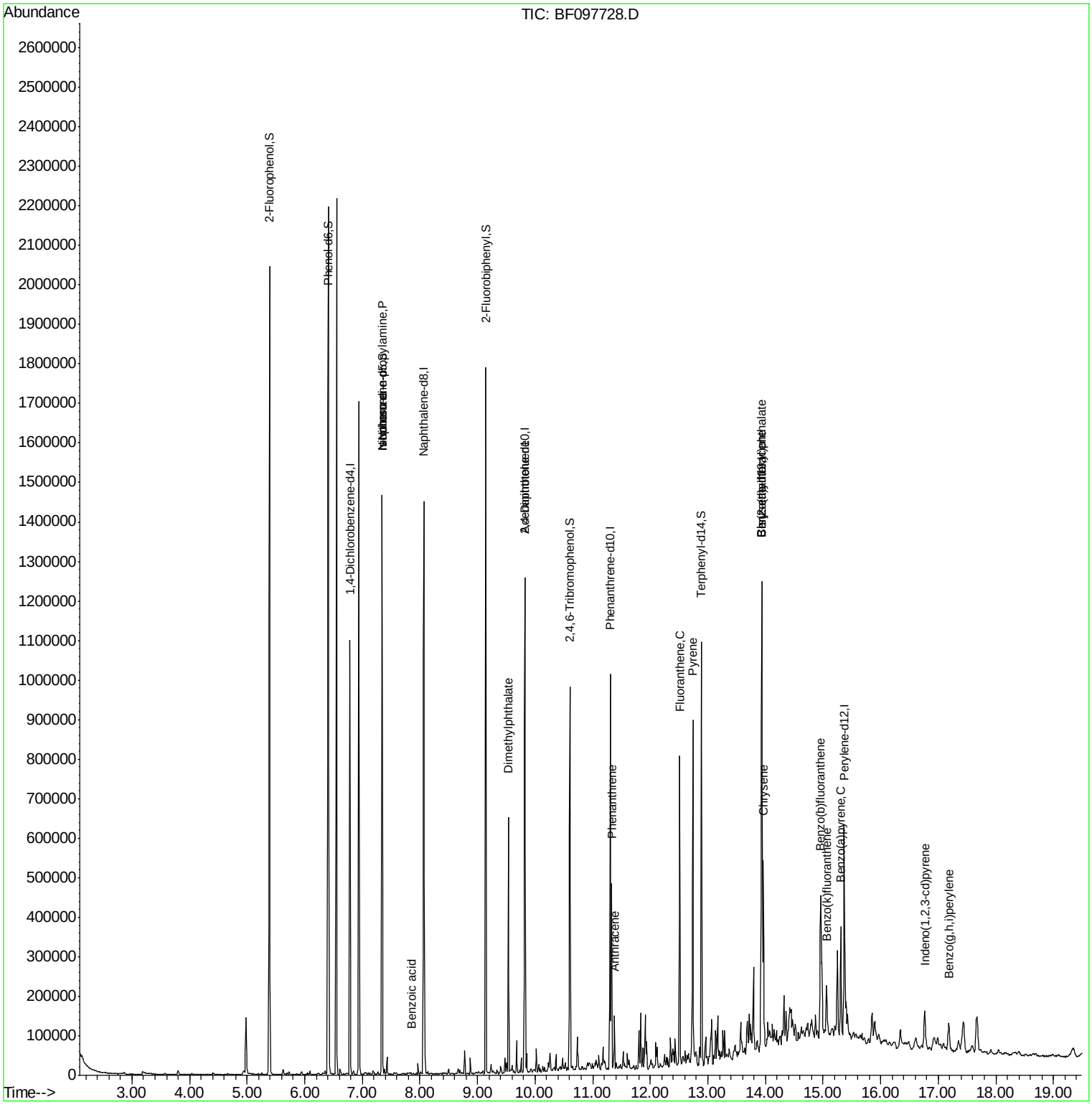
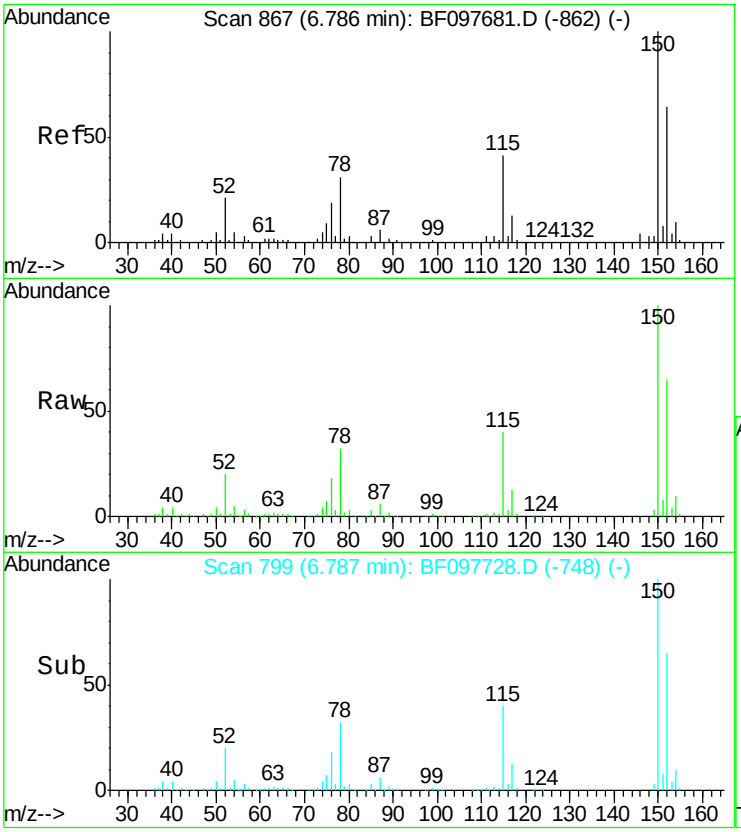


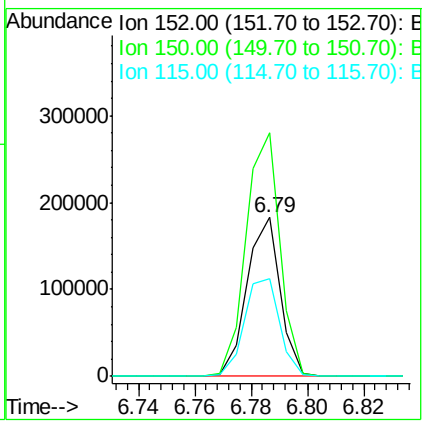


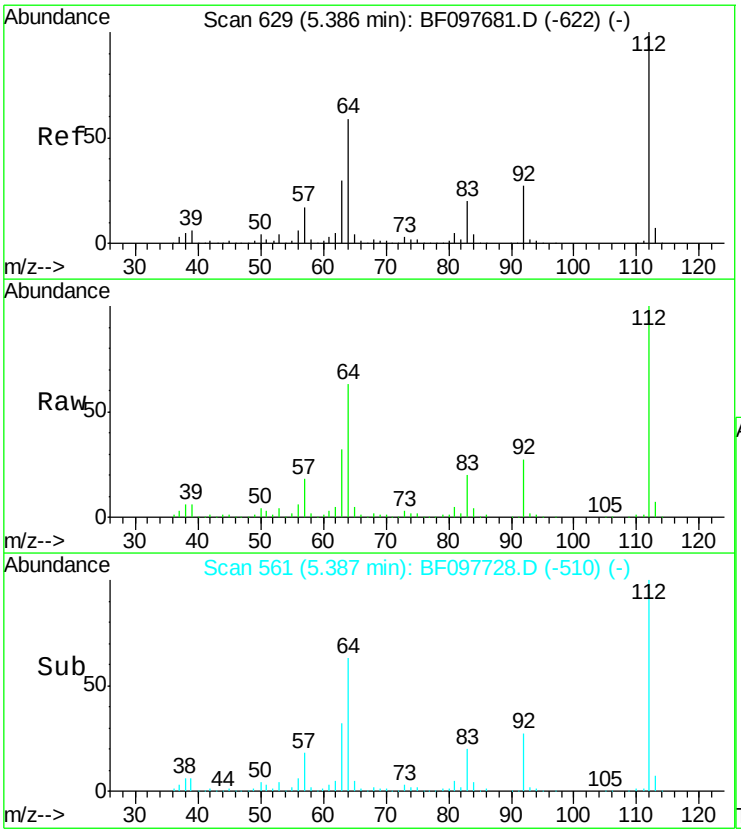
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:152 Resp: 148849

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	61.3	52.2	78.2

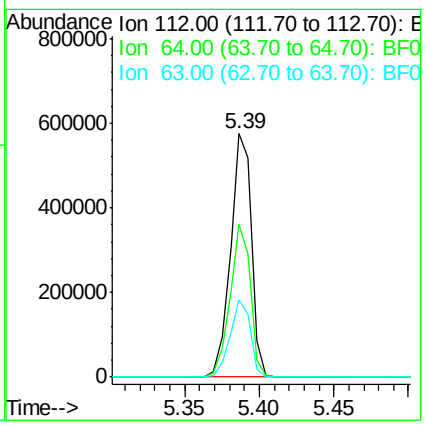


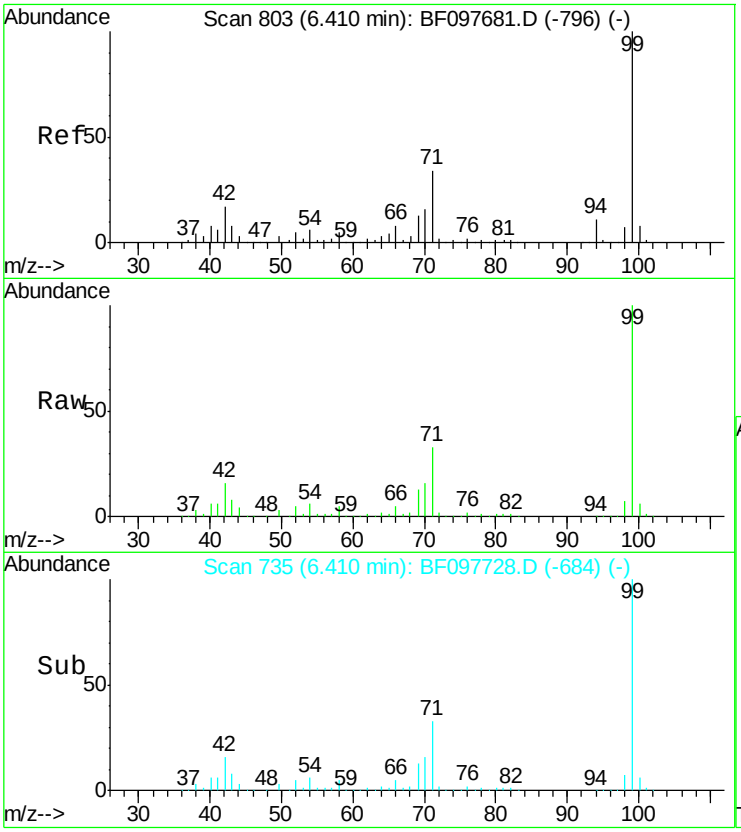


#5
2-Fluorophenol
Concen: 57.815 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:112 Resp: 565763

Ion	Ratio	Lower	Upper
112	100		
64	62.5	46.0	69.0
63	31.6	23.4	35.0



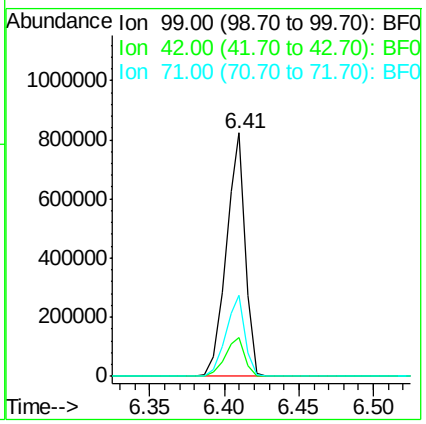


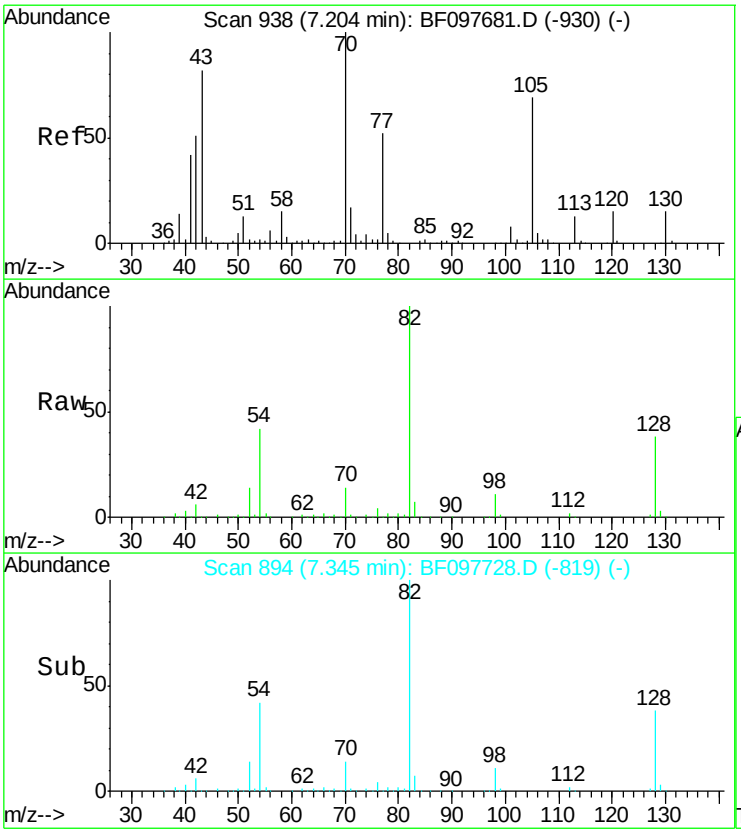
#7
Phenol-d6
Concen: 55.596 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion: 99 Resp: 739210

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	33.3	24.5	36.7

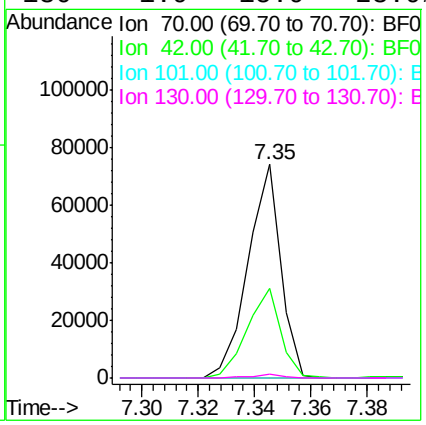


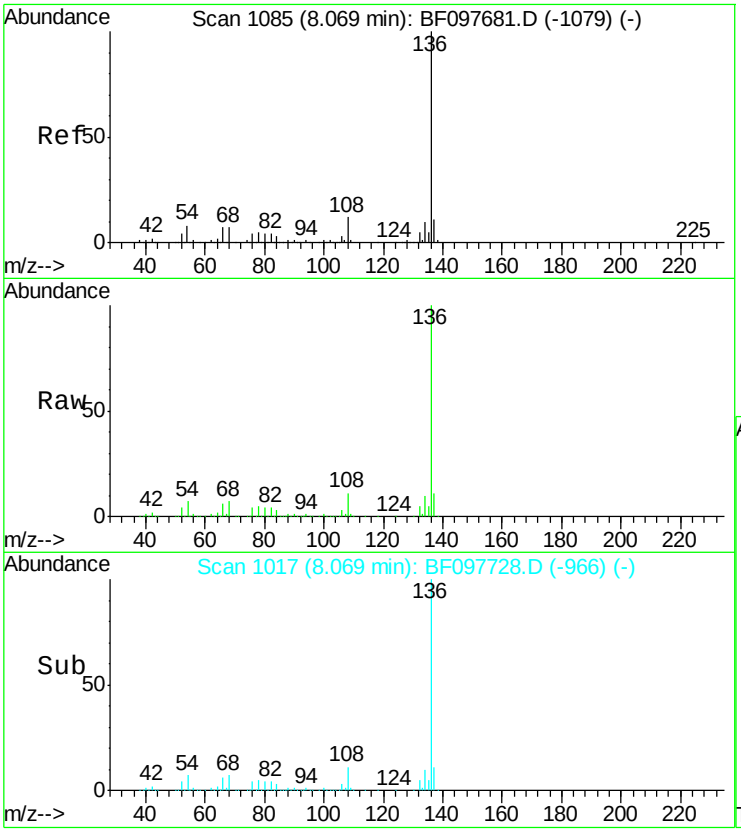


#19
n-Nitroso-di-n-propylamine
Concen: 6.554 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion: 70 Resp: 59653

Ion	Ratio	Lower	Upper
70	100		
42	41.8	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



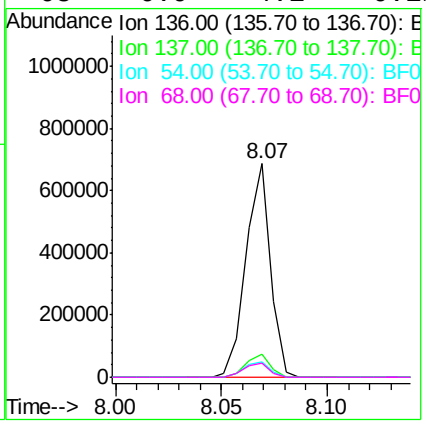


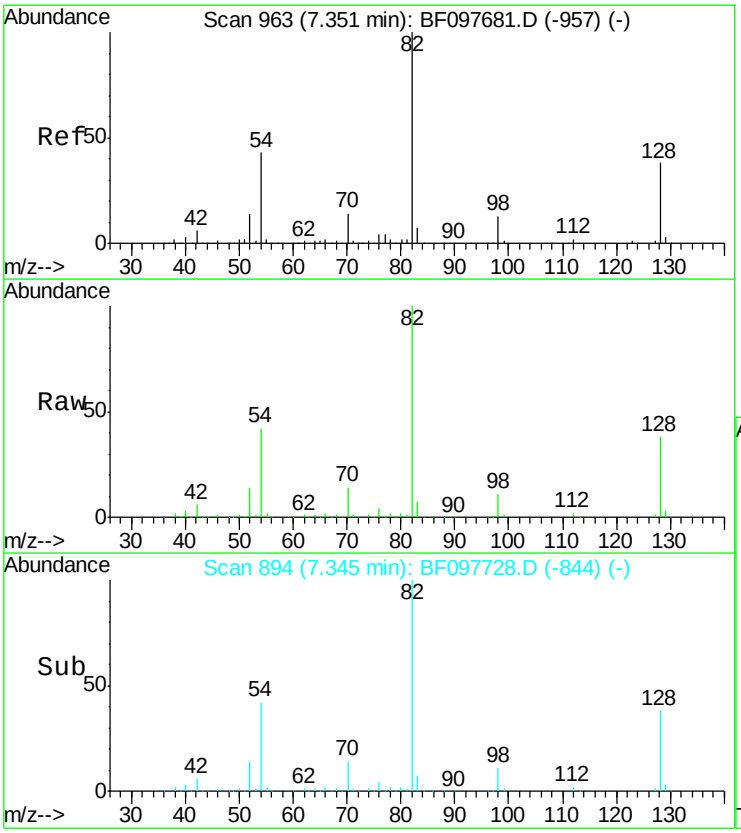
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:136 Resp: 554242

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.4	4.9	7.3#
68	6.9	4.1	6.1#

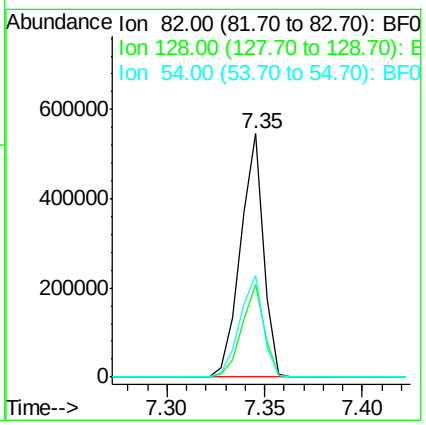


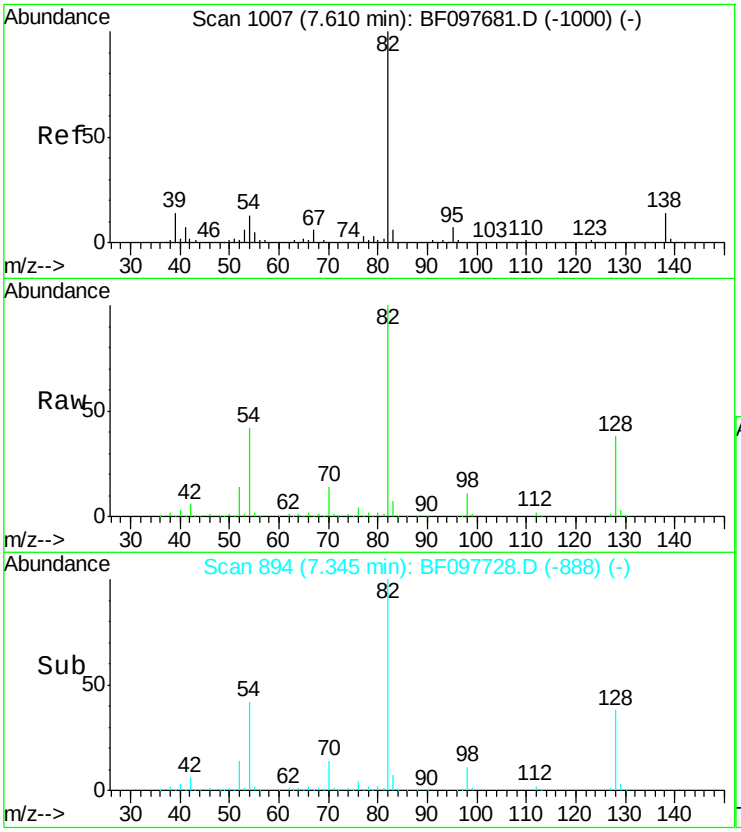


#23
Nitrobenzene-d5
Concen: 43.378 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion: 82 Resp: 442562

Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.0	51.0
54	42.0	42.2	63.2#



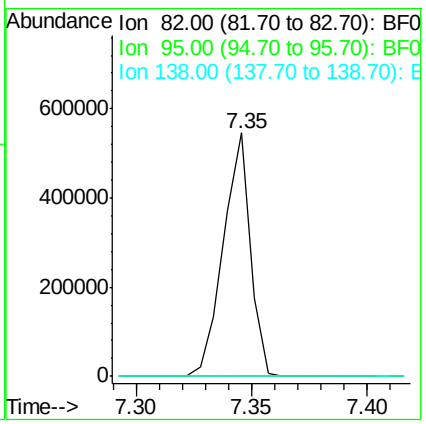


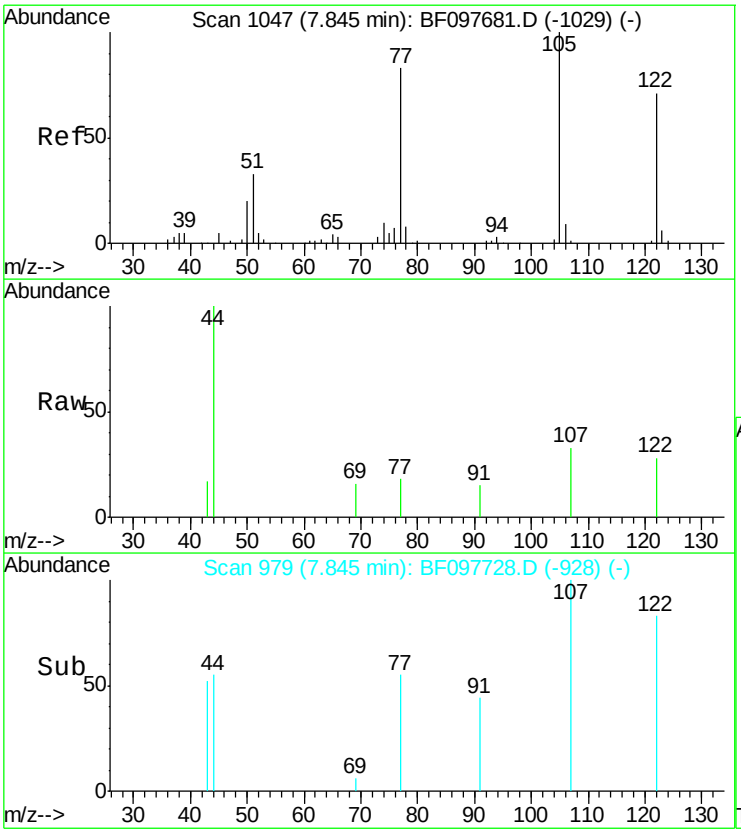
#25
Isophorone
Concen: 20.836 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion: 82 Resp: 442023

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

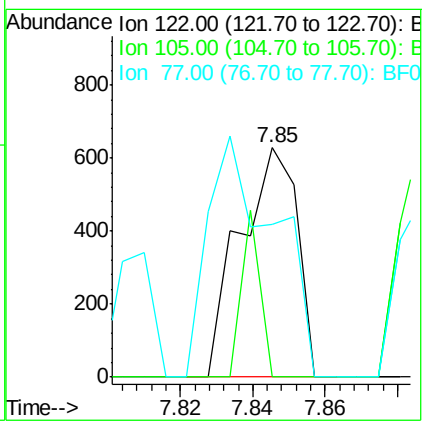


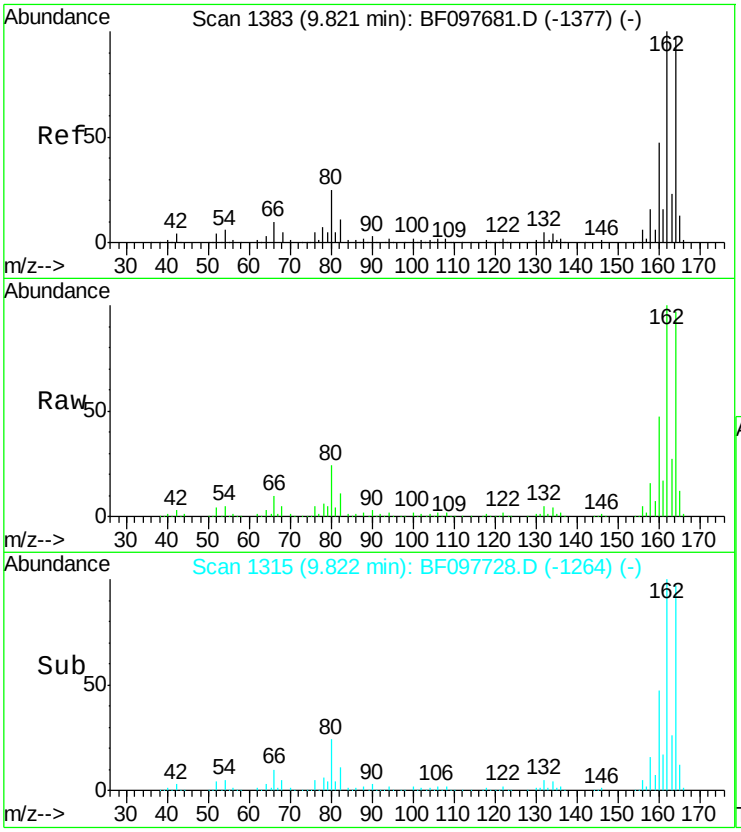


#32
Benzoic acid
Concen: 6.497 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:122 Resp: 687

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	66.4	73.7	113.7#



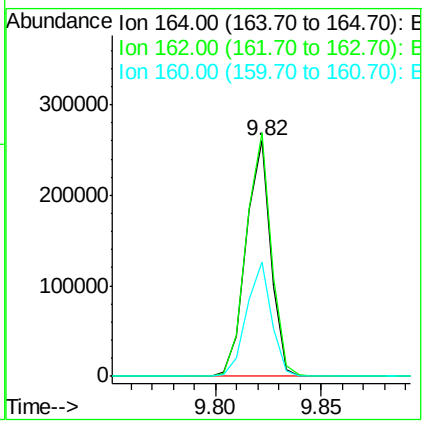


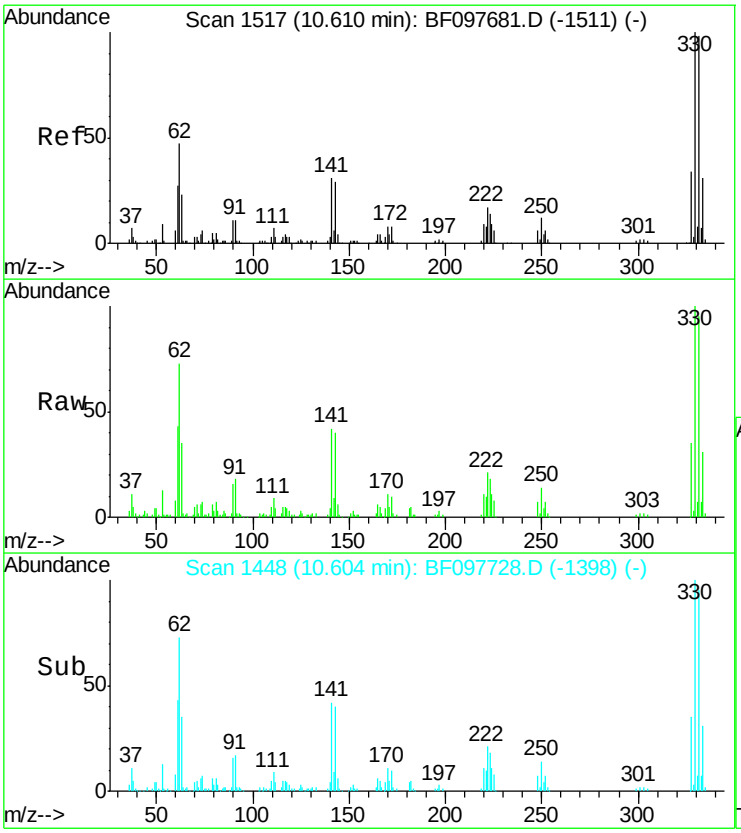
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:164 Resp: 212678

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	48.4	36.2	54.2

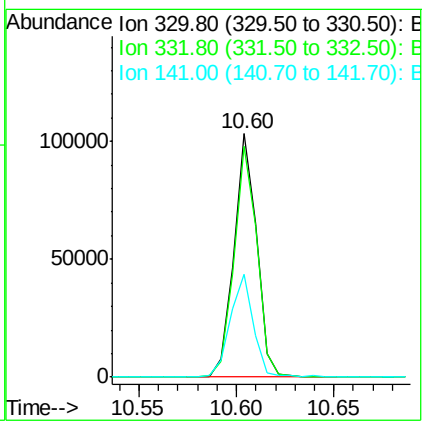


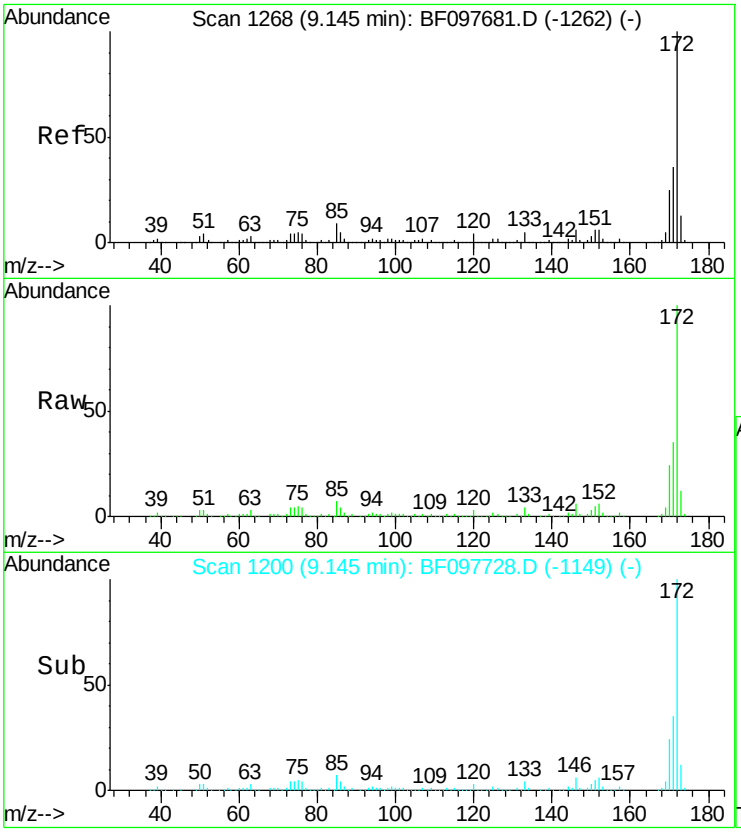


#41
2,4,6-Tribromophenol
Concen: 45.131 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:330 Resp: 83282

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	43.6	31.4	47.2



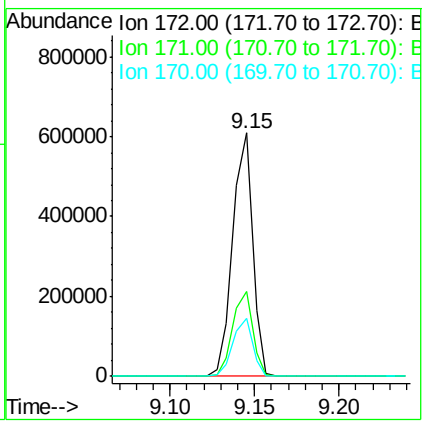


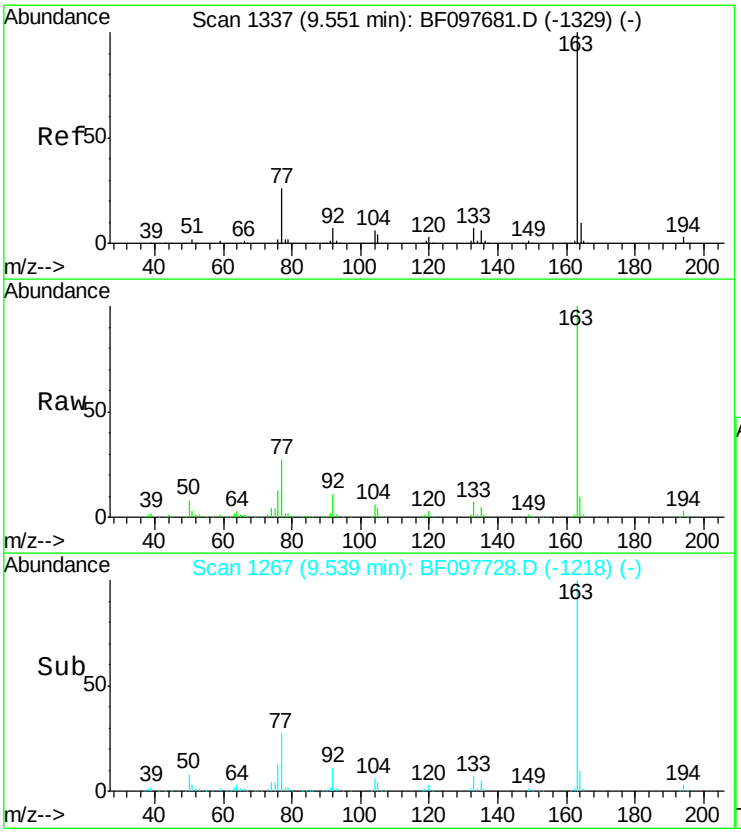
#44
2-Fluorobiphenyl
Concen: 34.534 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:172 Resp: 499902

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	24.0	19.8	29.8

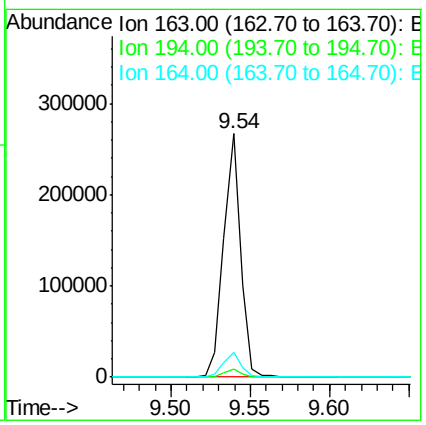


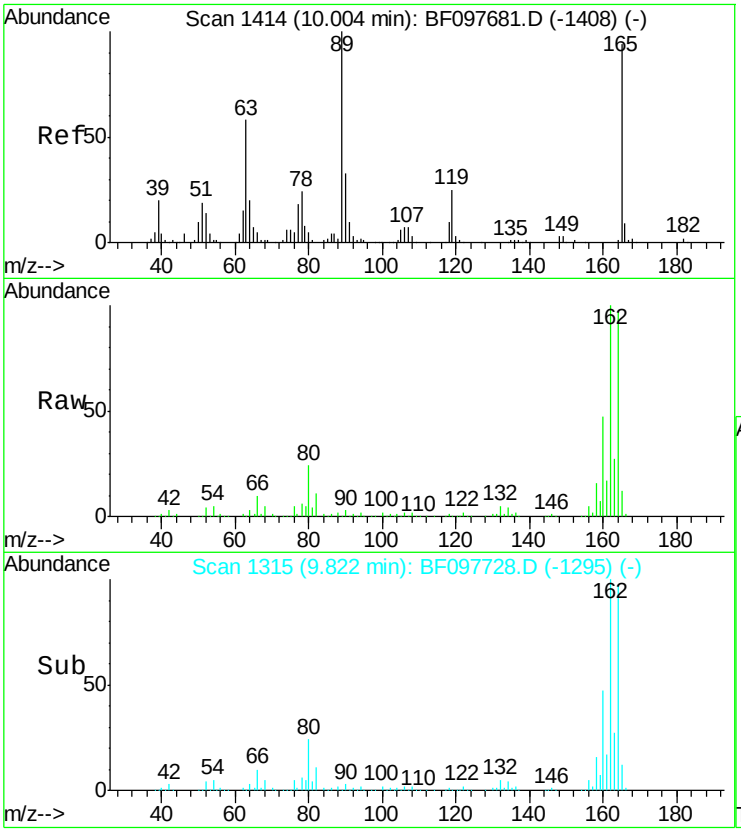


#49
Dimethylphthalate
Concen: 12.807 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:163 Resp: 199103

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.2	8.4	12.6



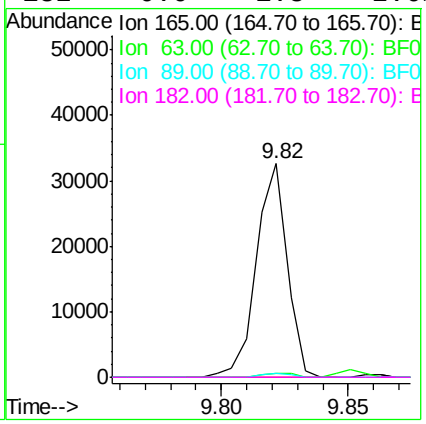


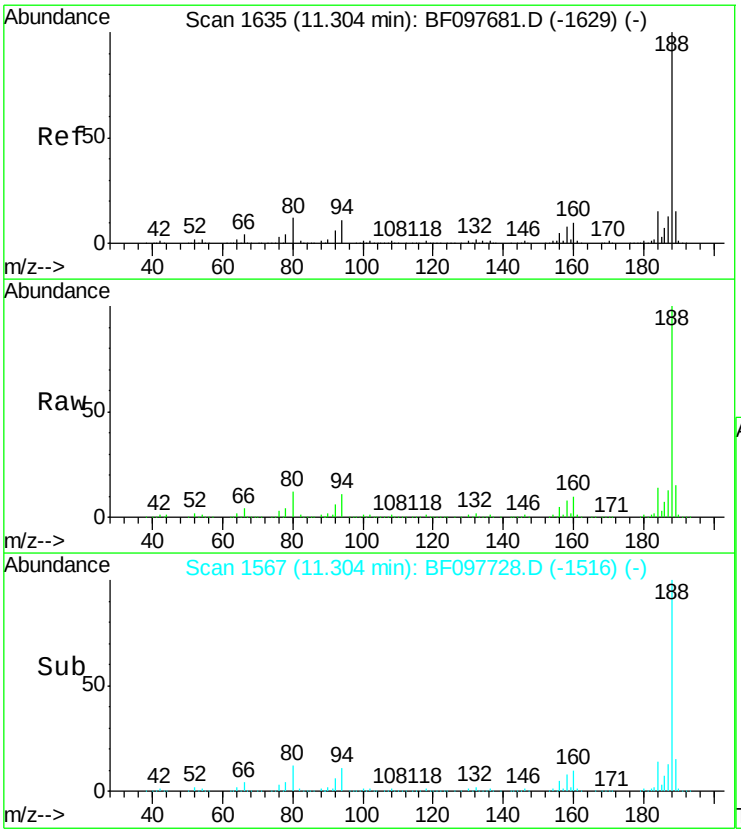
#56
2,4-Dinitrotoluene
Concen: 7.136 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.18 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:165 Resp: 27789

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

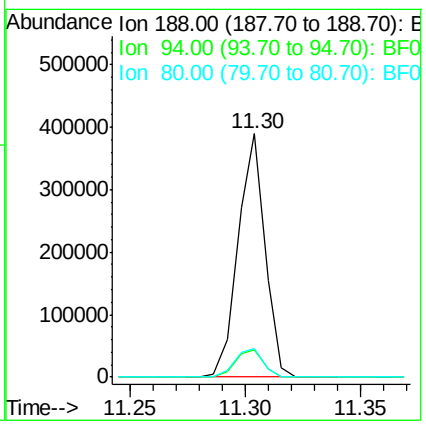


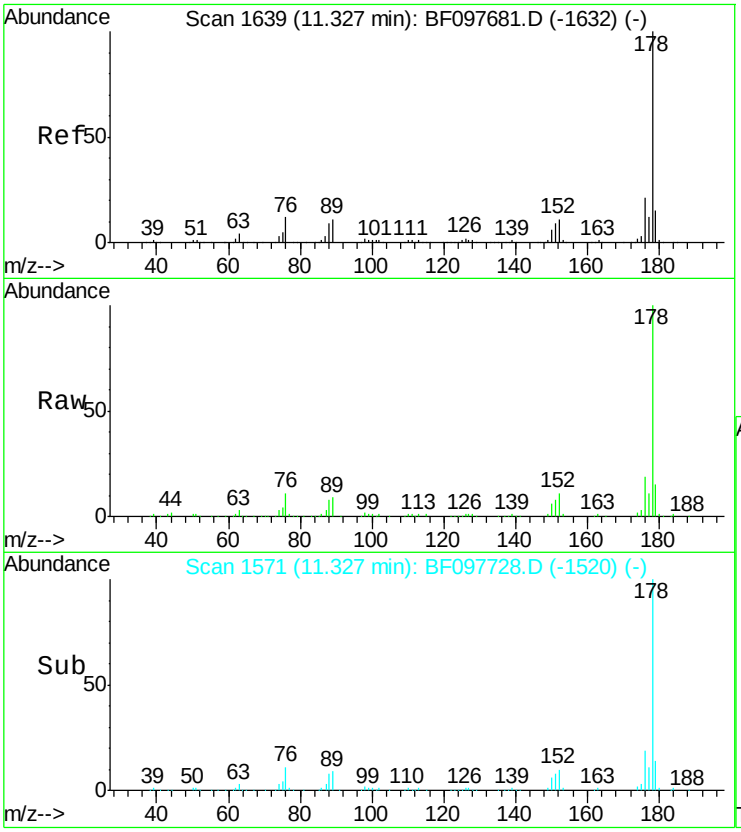


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:188 Resp: 316191

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.8	10.2	15.2



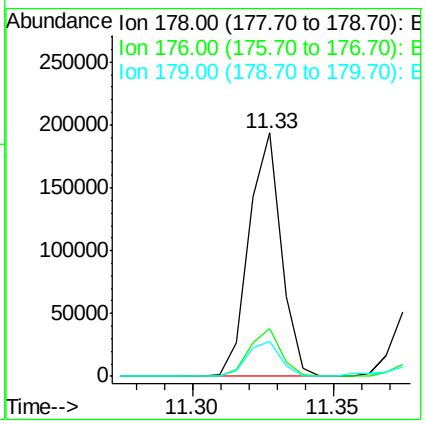


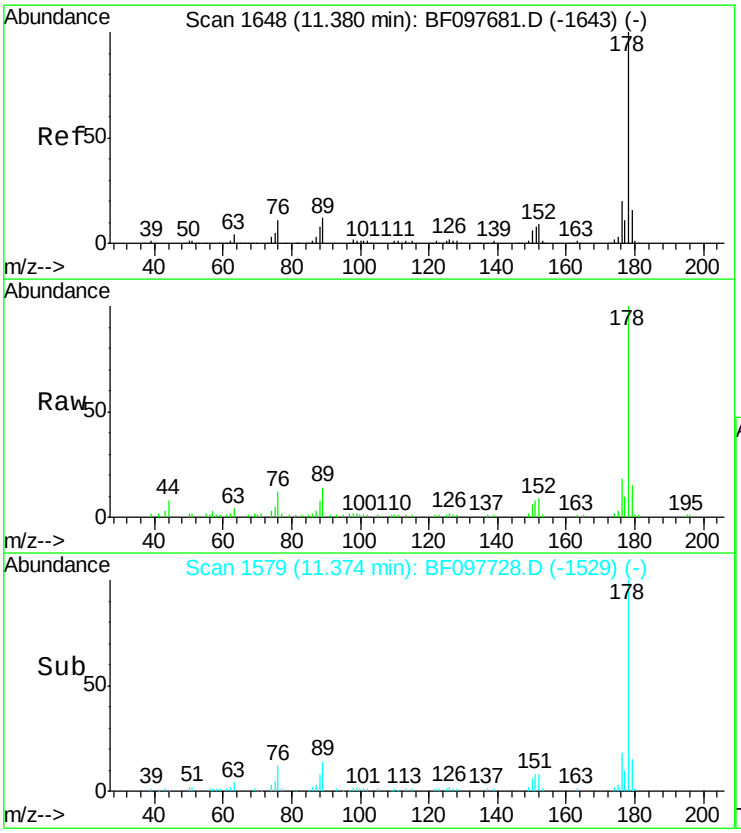
#70
Phenanthrene
Concen: 9.132 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:178 Resp: 153864

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	14.5	12.6	19.0

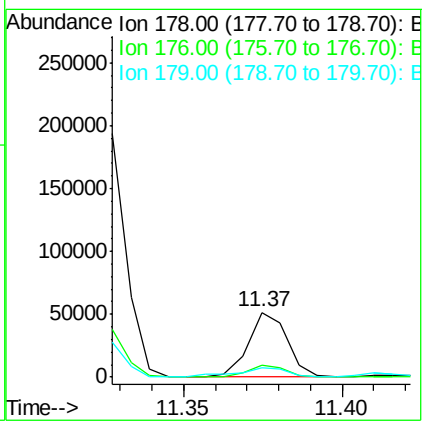


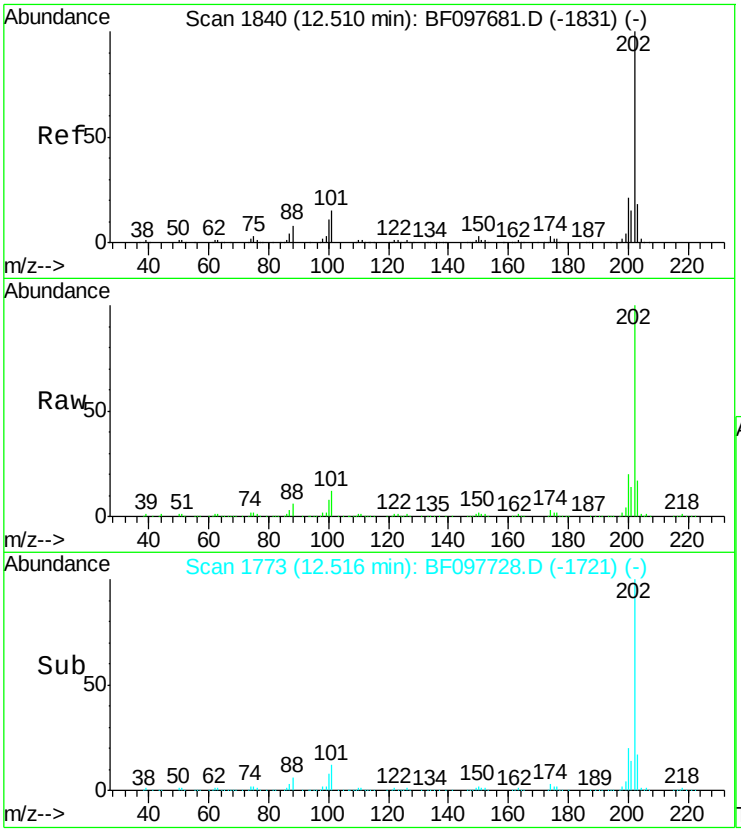


#71
Anthracene
Concen: 2.490 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:178 Resp: 42553

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.1	12.7	19.1



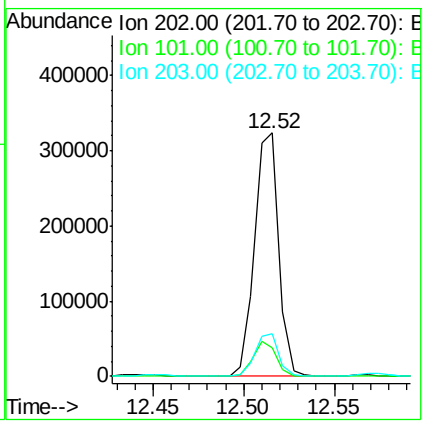


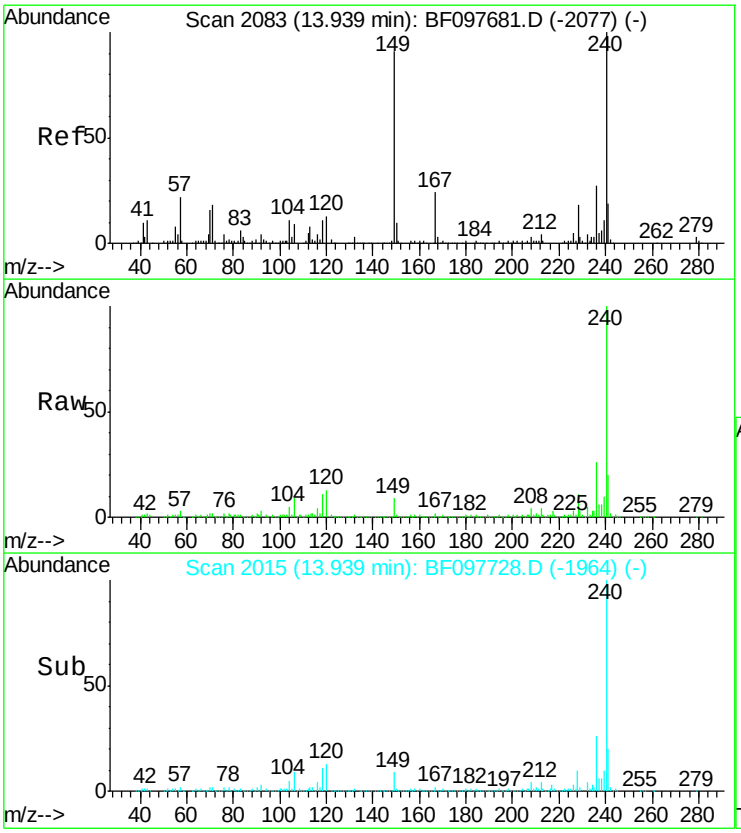
#74
Fluoranthene
Concen: 16.958 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:202 Resp: 298235

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.2
203	17.4	0.0	38.1

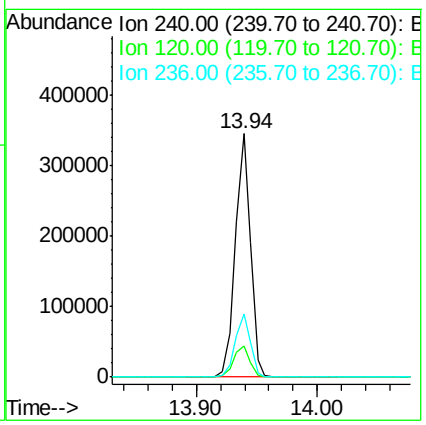


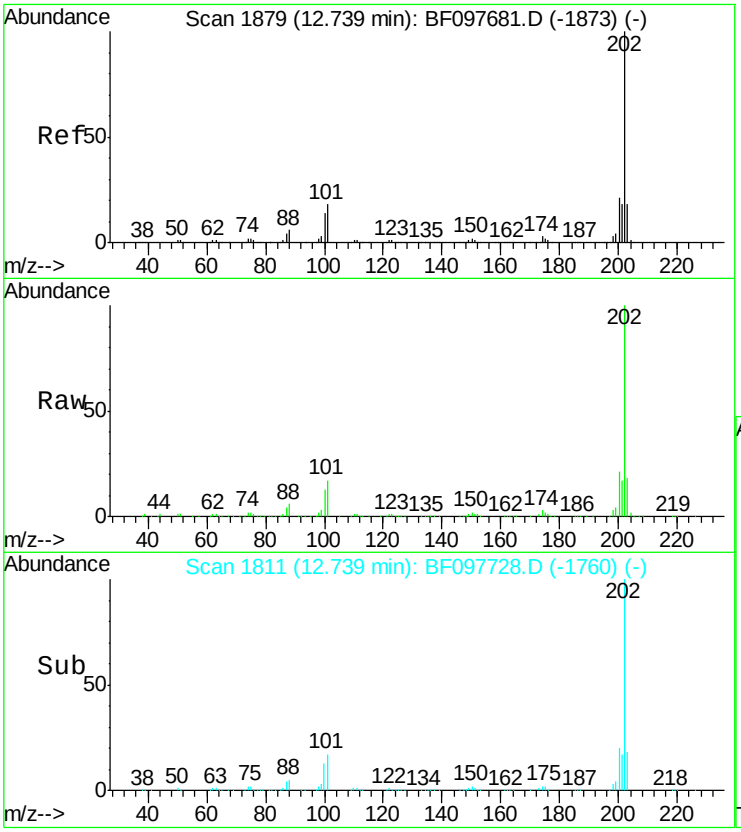


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:240 Resp: 303314

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	26.1	20.5	30.7



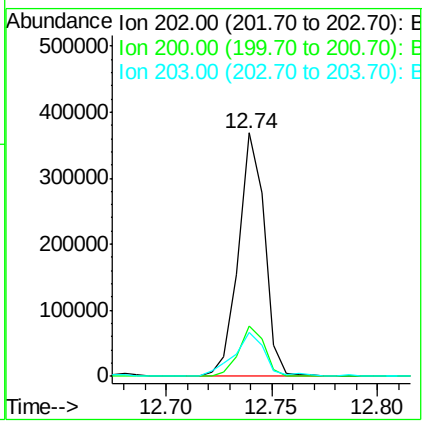


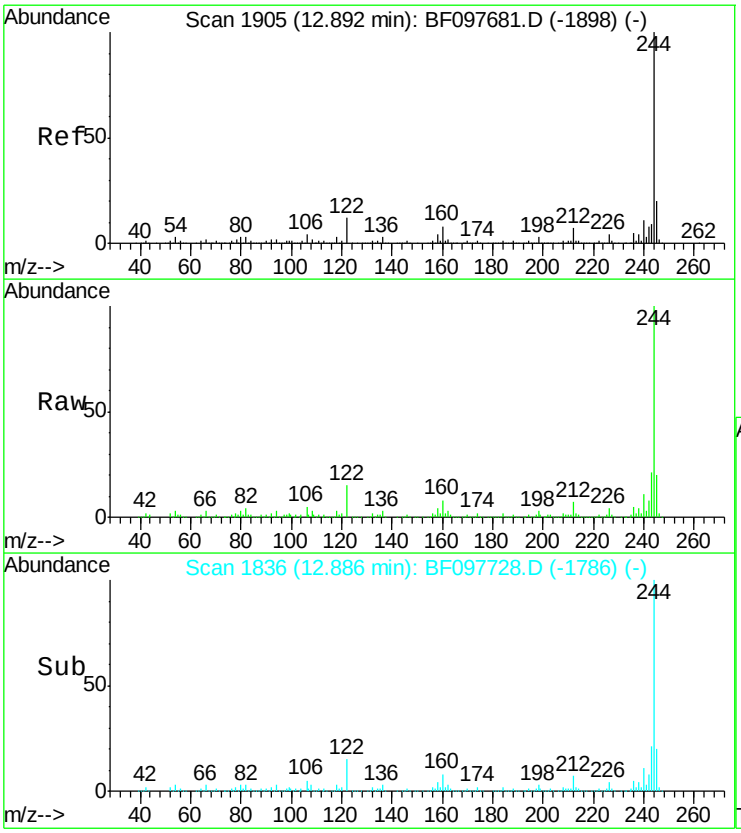
#77
Pyrene
Concen: 12.753 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:202 Resp: 316361

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.8	14.4	21.6

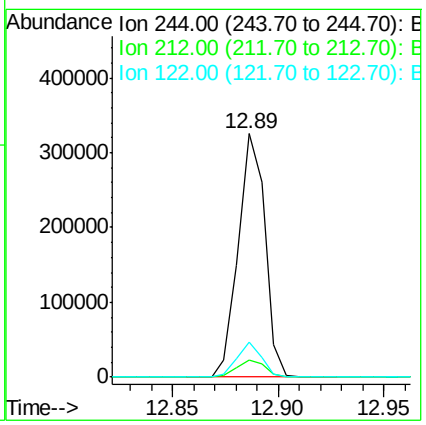


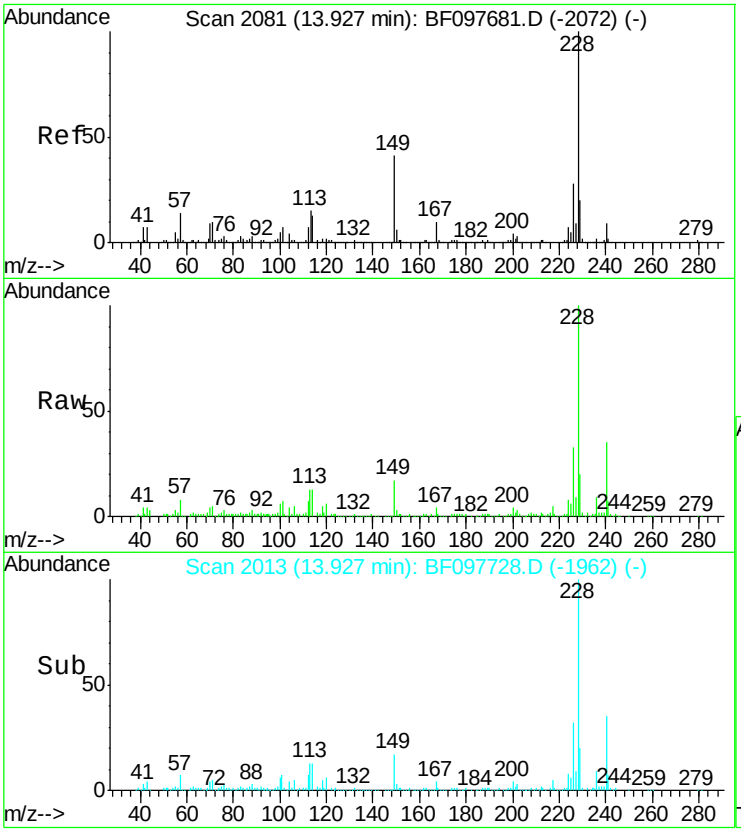


#78
Terphenyl-d14
Concen: 19.586 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:244 Resp: 284875

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.6	10.3	15.5



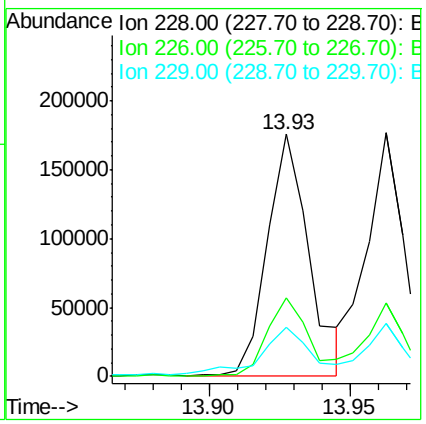


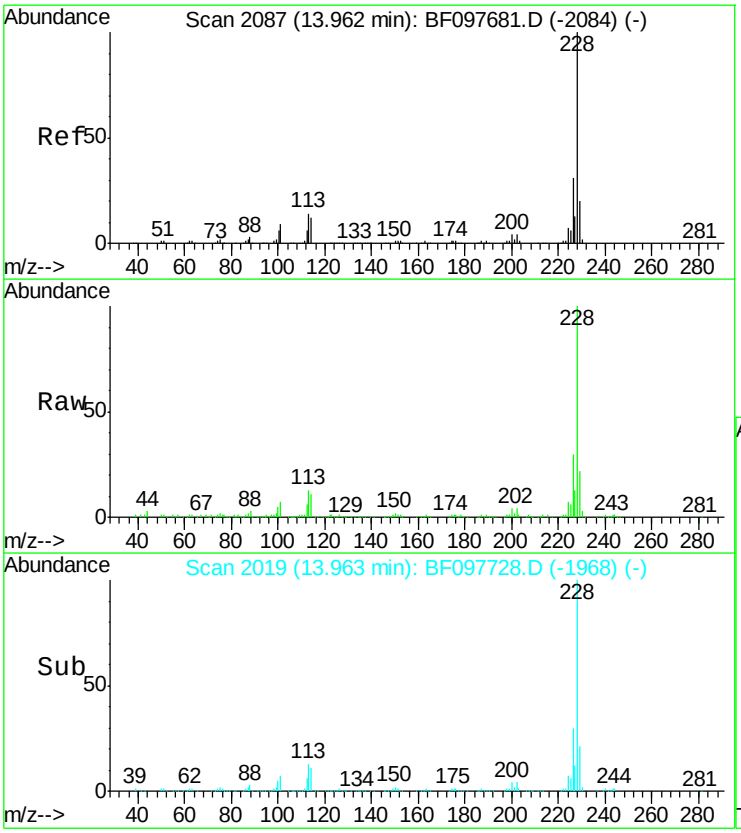
#80
Benzo(a)anthracene
Concen: 9.852 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:228 Resp: 179089

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	20.1	16.3	24.5

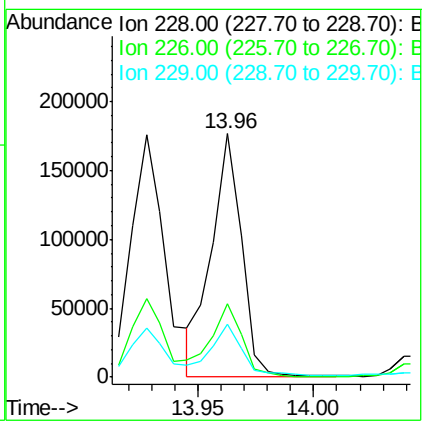


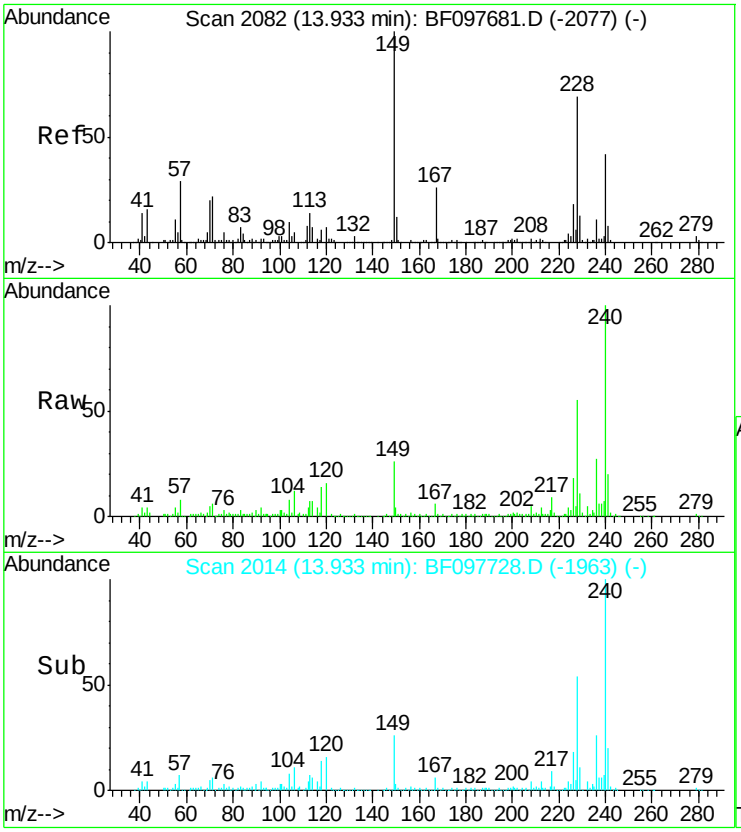


#82
Chrysene
Concen: 8.776 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:228 Resp: 158697

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.6	15.8	23.6



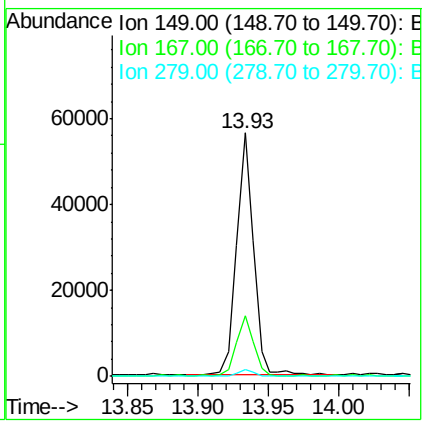


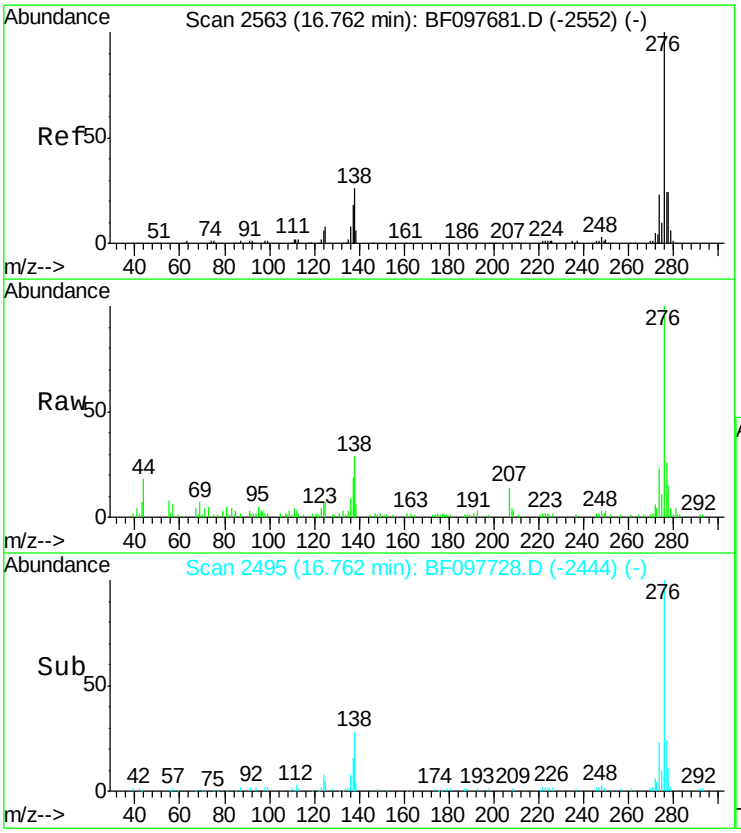
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.488 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:149 Resp: 47303

Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.0	31.4
279	2.8	1.9	2.9

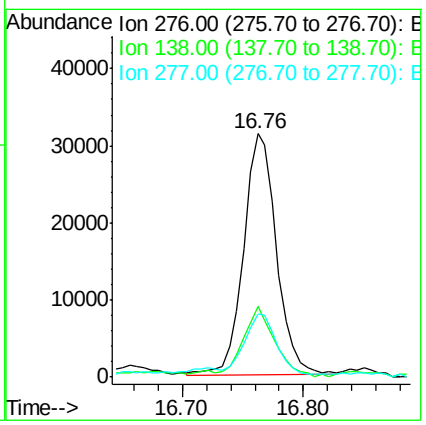


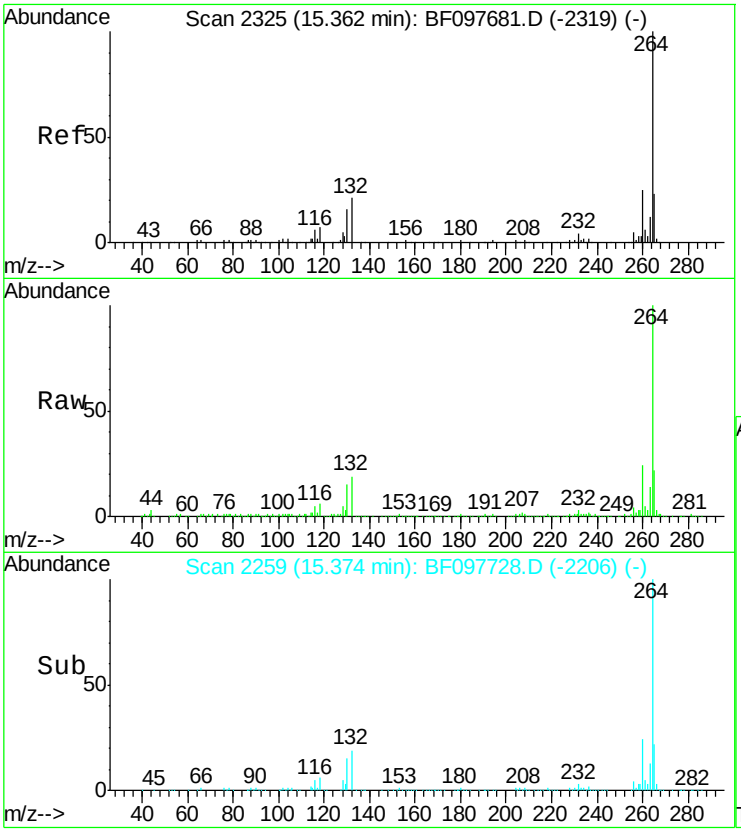


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.521 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:276 Resp: 60142

Ion	Ratio	Lower	Upper
276	100		
138	29.6	27.8	41.6
277	26.3	20.2	30.4



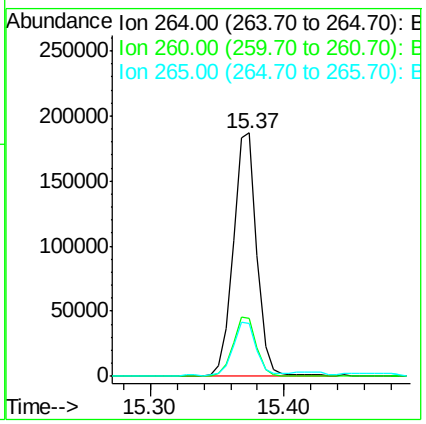


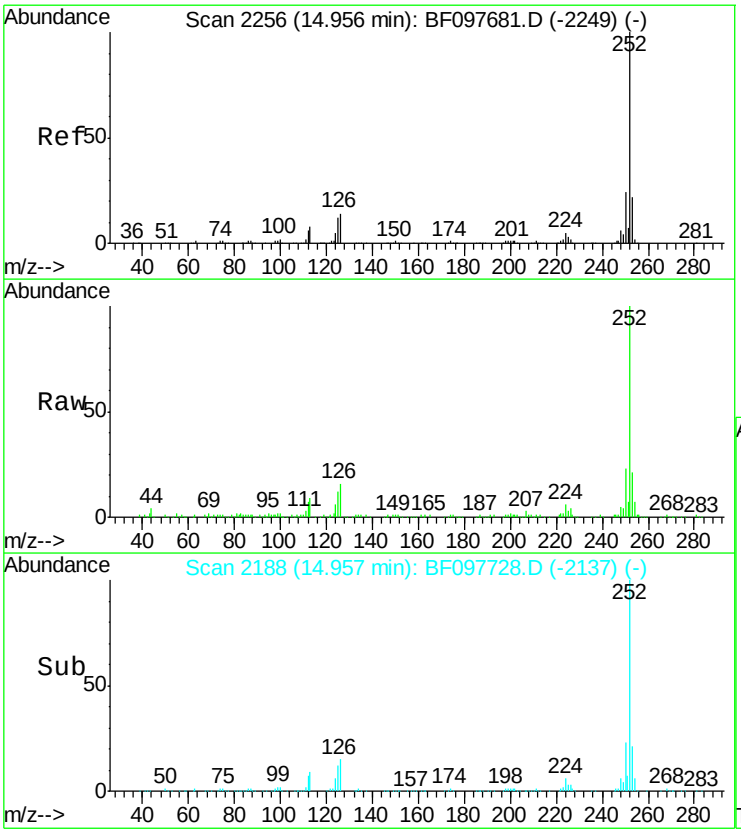
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:264 Resp: 227580

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.0	17.2	25.8

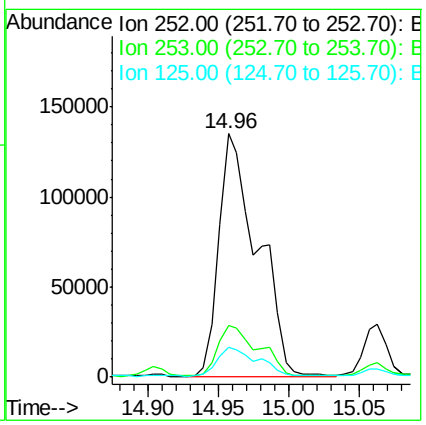


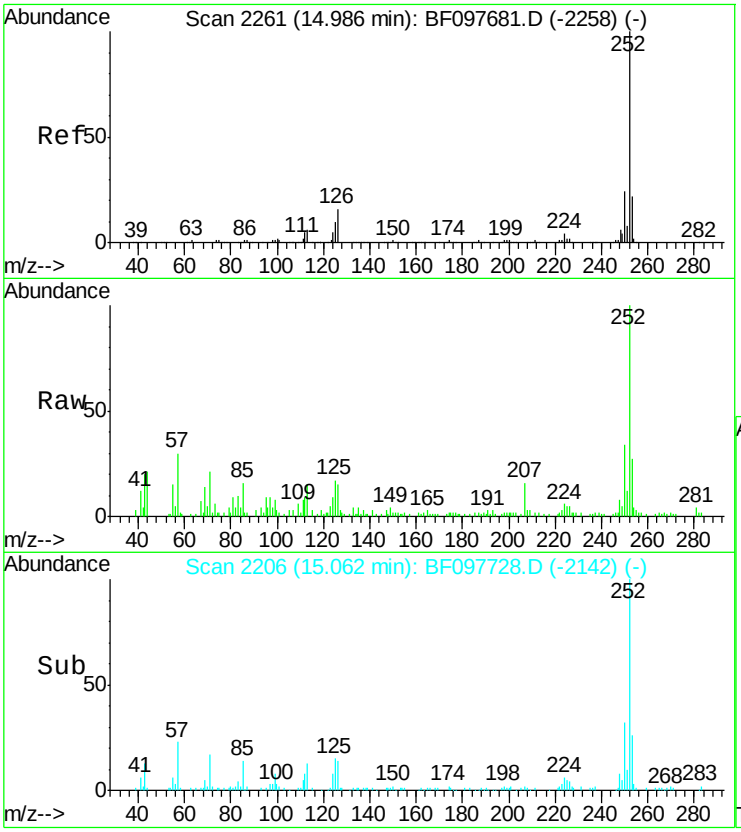


#87
Benzo(b)fluoranthene
Concen: 17.996 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:252 Resp: 258149

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	12.0	9.8	14.8



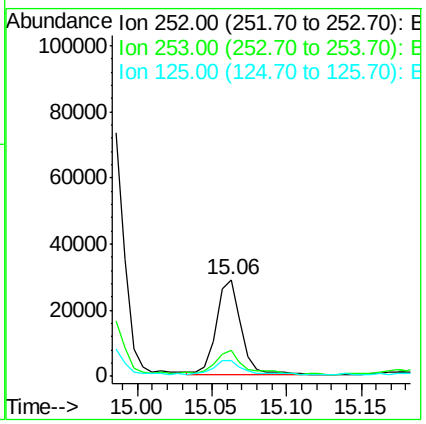


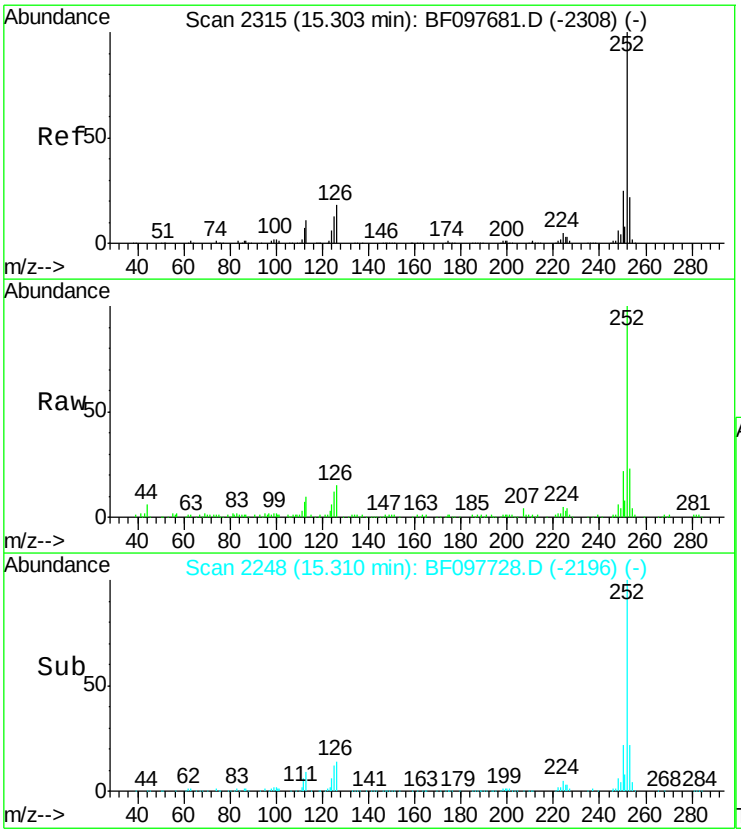
#88
Benzo(k)fluoranthene
Concen: 2.503 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.08 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:252 Resp: 33736

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.4	27.6
125	16.5	13.1	19.7

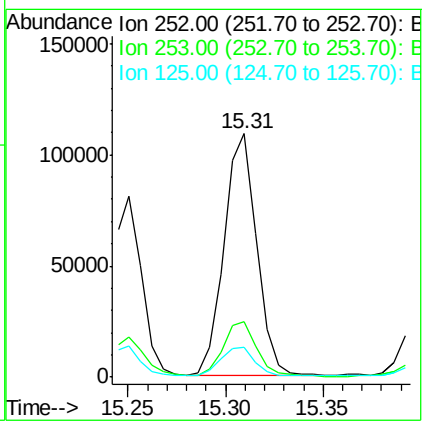


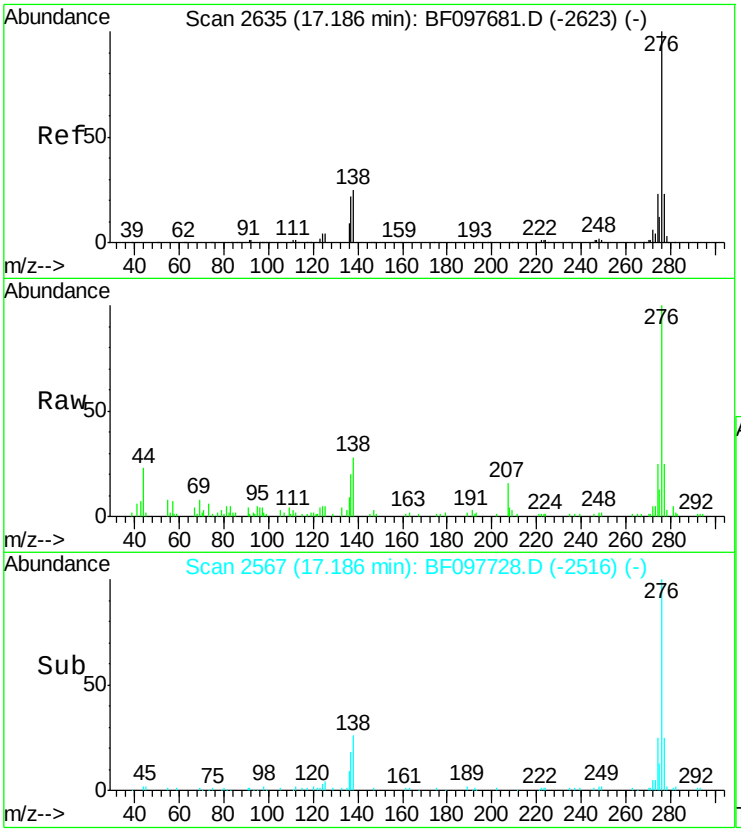


#89
Benzo(a)pyrene
Concen: 9.923 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Tgt Ion:252 Resp: 126015

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.2	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 5.318 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.00 min
Lab File: BF097728.D
Acq: 16 Aug 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-H10-ESW

Tgt Ion:276 Resp: 57366

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	27.7	25.4	38.0