Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080817\
Data File : BF097508.D
Acq On : 9 Aug 2017 10:23
Operator : SJ/JU
Sample : I4657-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-080717-DDL

Quant Time: Aug 09 11:00:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.404	152	101764	20.00	ng		0.00
21) Naphthalene-d8	7.686	136	389067	20.00	ng		-0.01
38) Acenaphthene-d10	9.433	164	134957	20.00	ng		0.00
63) Phenanthrene-d10	10.904	188	205795	20.00	ng		-0.01
75) Chrysene-d12	13.533	240	162721	20.00	ng		0.00
86) Perylene-d12	14.874	264	119392	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.010	112	121122	17.94	ng		0.00
7) Phenol-d6	6.087	99	160878	20.88	ng		0.00
23) Nitrobenzene-d5	6.981	82	83260	12.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.222	330	17121	16.06	ng		-0.01
44) 2-Fluorobiphenyl	8.763	172	123838	15.57	ng		-0.01
78) Terphenyl-d14	12.486	244	81417	10.20	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	6.981	70	10947	2.16	ng	#	74
25) Isophorone	6.981	82	83260	6.41	ng	#	67
48) Acenaphthylene	9.298	152	28062	2.16	ng		98
49) Dimethylphthalate	9.175	163	23907	2.33	ng		99
50) 2,6-Dinitrotoluene	9.428	165	17876	8.22	ng	#	33
56) 2,4-Dinitrotoluene	9.428	165	17876	7.15	ng	#	32
57) Fluorene	9.980	166	16213	2.11	ng		98
70) Phenanthrene	10.927	178	297737	27.00	ng		98
71) Anthracene	10.980	178	89671	7.94	ng		99
74) Fluoranthene	12.116	202	557524	51.61	ng		99
77) Pyrene	12.339	202	538761	40.44	ng		98
80) Benzo(a)anthracene	13.521	228	254671	24.19	ng		99
82) Chrysene	13.557	228	227822	22.16	ng		98
85) Indeno(1,2,3-cd)pyrene	16.068	276	73993	8.39	ng		97
87) Benzo(b)fluoranthene	14.527	252	276037	38.46	ng		98
88) Benzo(k)fluoranthene	14.527	252	276037	40.36	ng		98
89) Benzo(a)pyrene	14.827	252	141717	21.58	ng		98
91) Benzo(g,h,i)perylene	16.415	276	72122	12.77	ng		97

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

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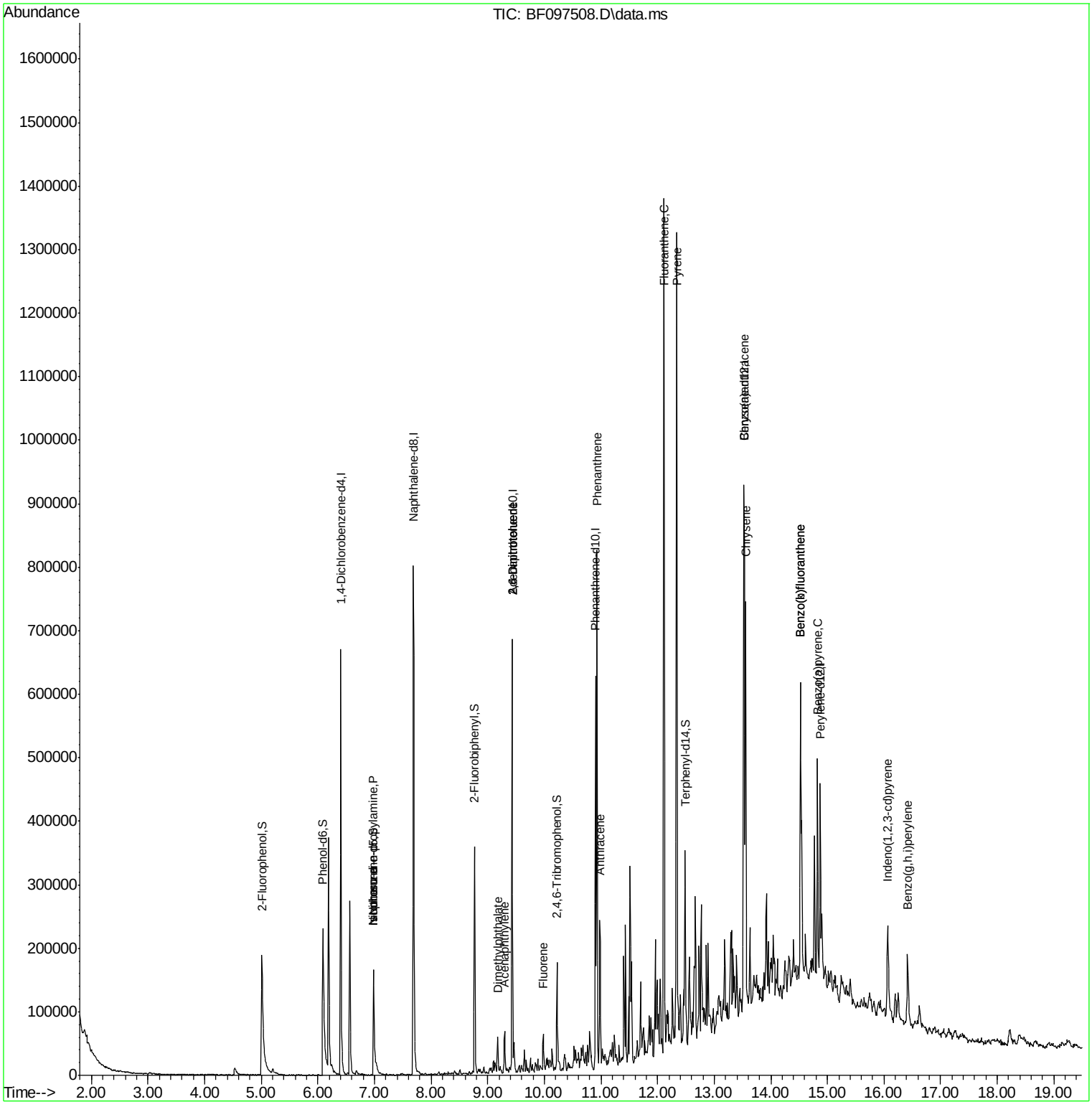
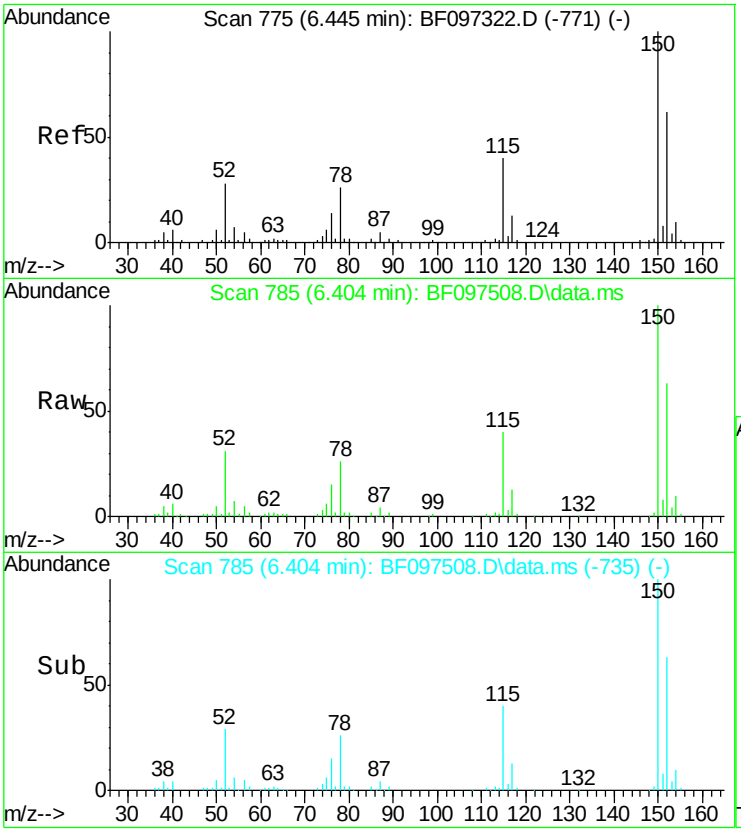


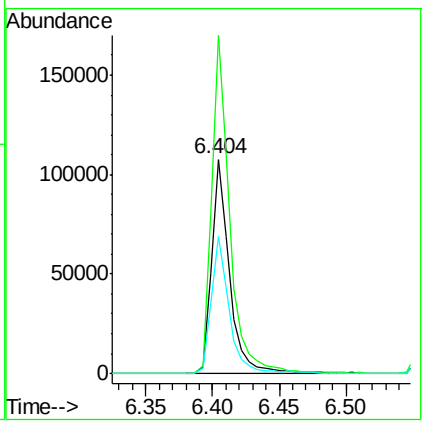


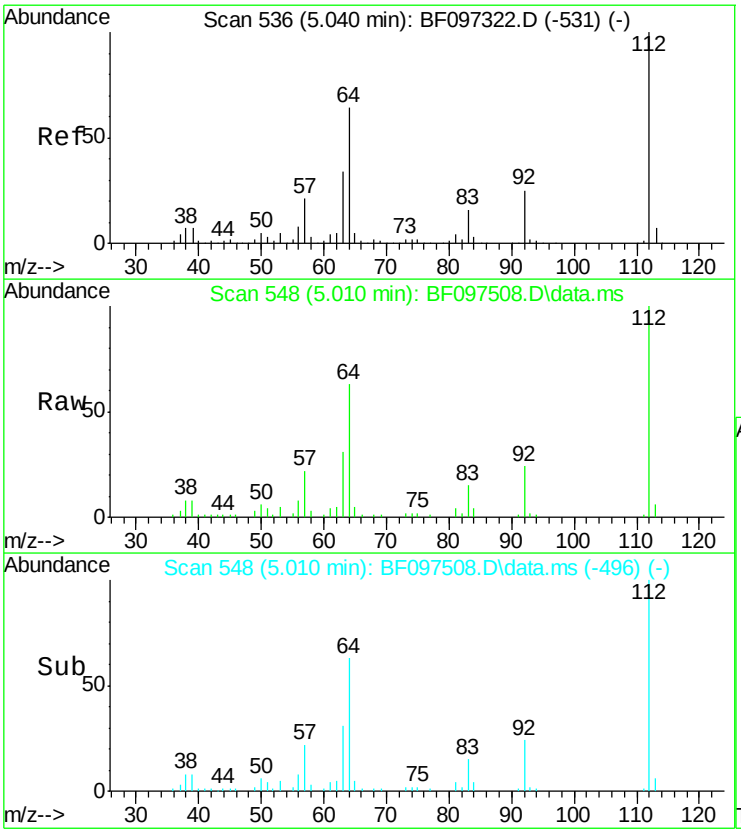
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.404 min Scan# 78
Delta R.T. -0.006 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:152 Resp: 101764

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	63.9	52.2	78.2

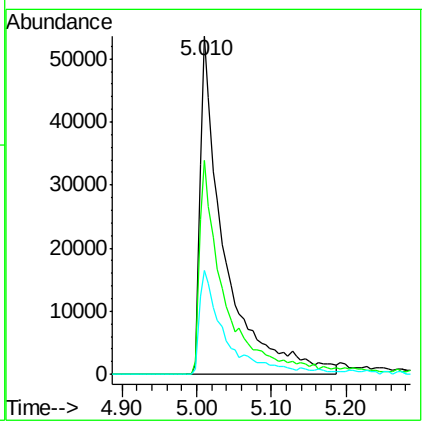


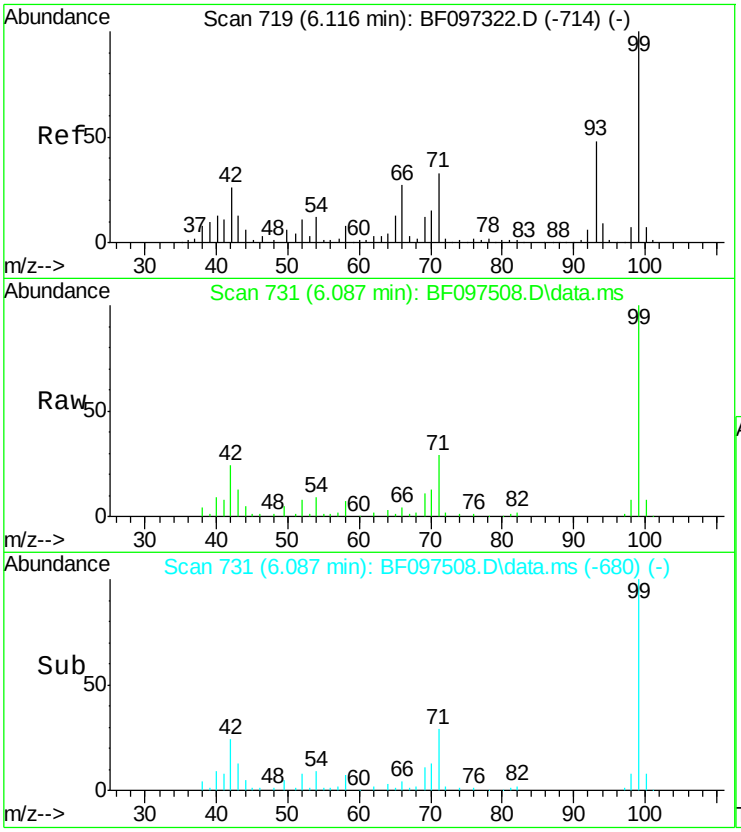


#5
2-Fluorophenol
Concen: 17.94 ng
RT: 5.010 min Scan# 548
Delta R.T. 0.006 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:112 Resp: 121122

Ion	Ratio	Lower	Upper
112	100		
64	63.1	46.0	69.0
63	30.8	23.4	35.0



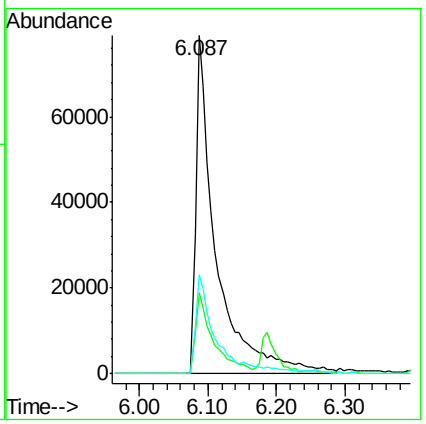


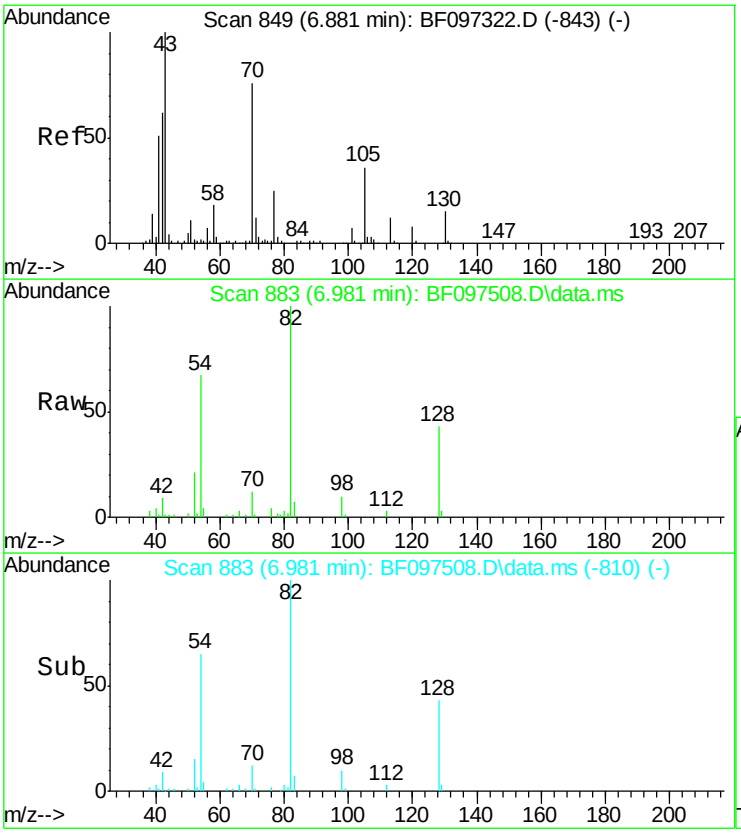
#7
Phenol-d6
Concen: 20.88 ng
RT: 6.087 min Scan# 73
Delta R.T. 0.000 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion: 99 Resp: 160878

Ion	Ratio	Lower	Upper
99	100		
42	23.9	13.5	20.3#
71	29.2	24.5	36.7

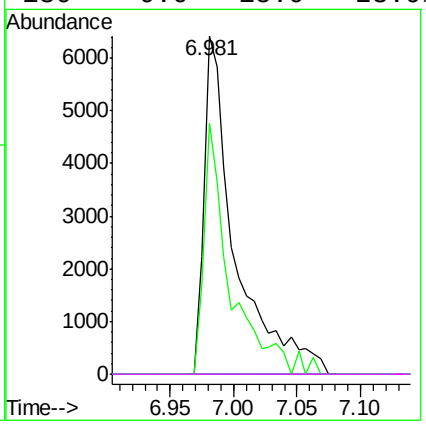


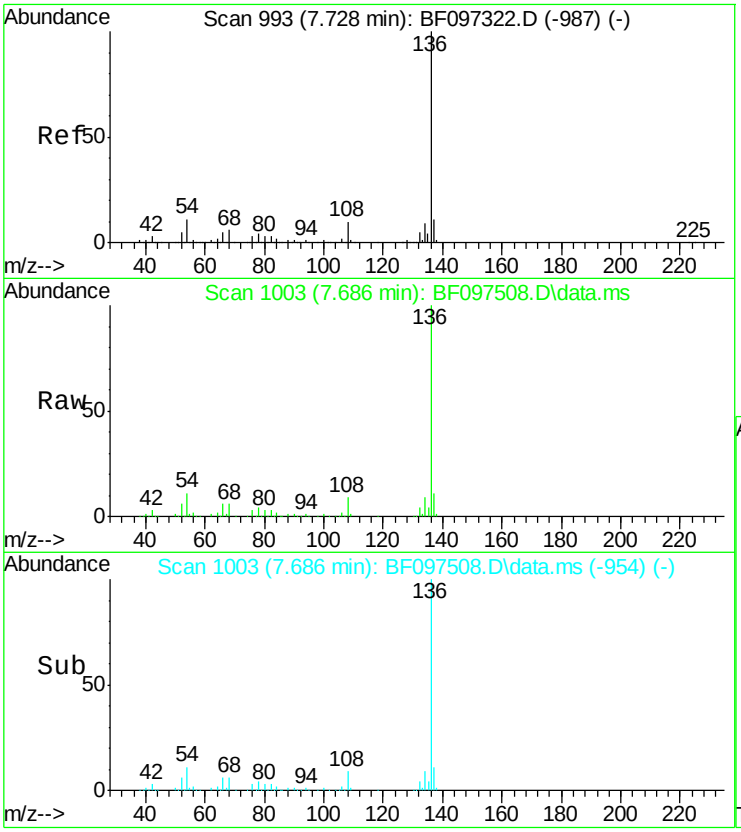


#19
n-Nitroso-di-n-propylamine
Concen: 2.16 ng
RT: 6.981 min Scan# 883
Delta R.T. 0.130 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion: 70 Resp: 10947

Ion	Ratio	Lower	Upper
70	100		
42	74.2	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



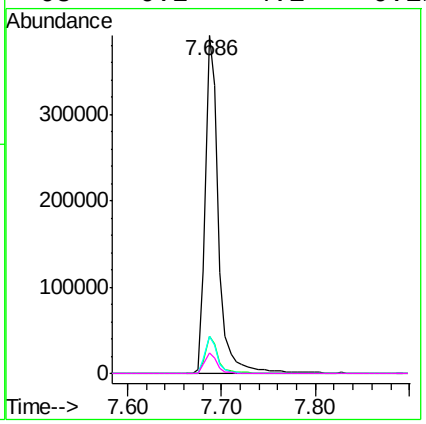


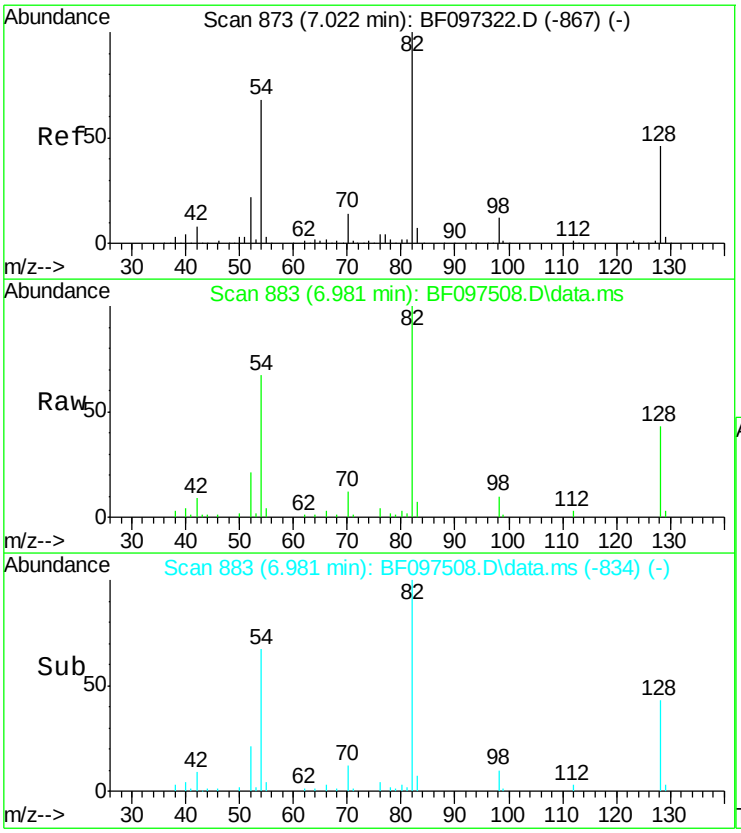
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.686 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:136 Resp: 389067

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.1	4.9	7.3#
68	6.2	4.1	6.1#

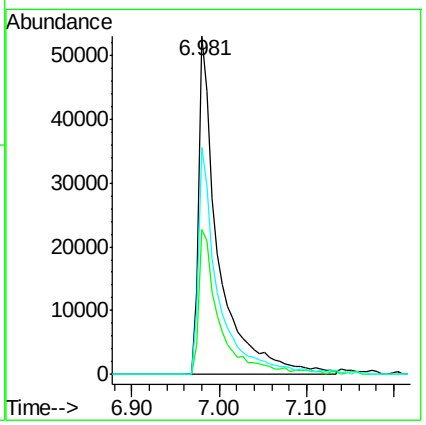


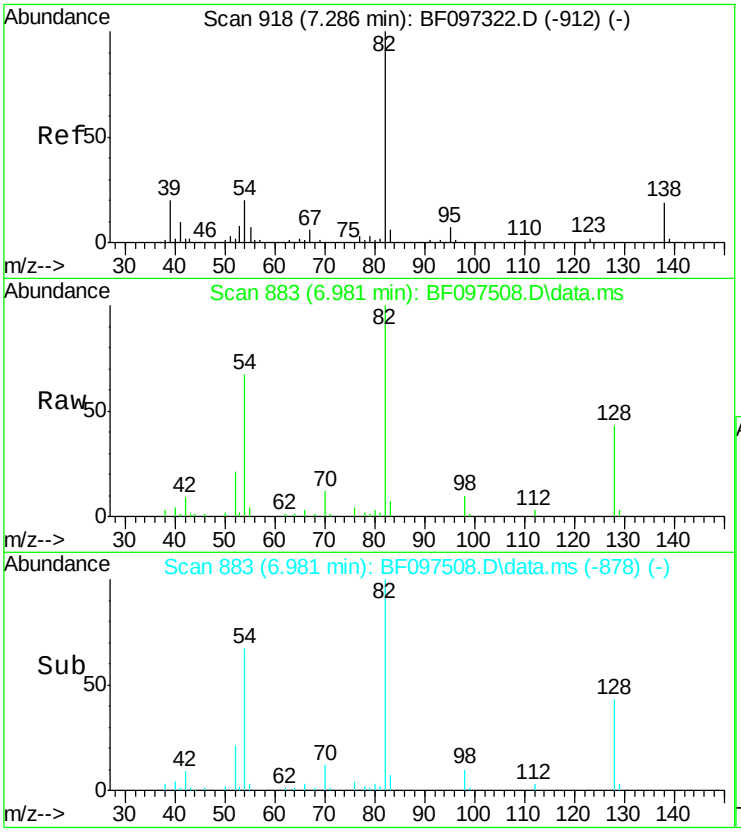


#23
Nitrobenzene-d5
Concen: 12.55 ng
RT: 6.981 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion: 82 Resp: 83260

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	67.2	42.2	63.2#



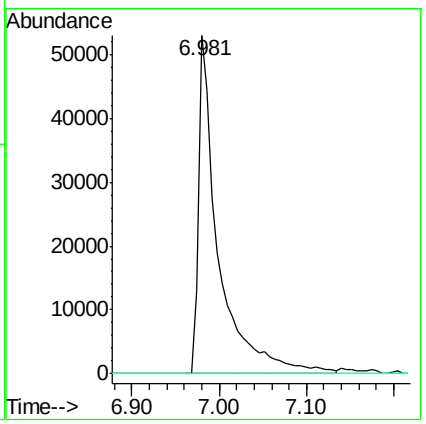


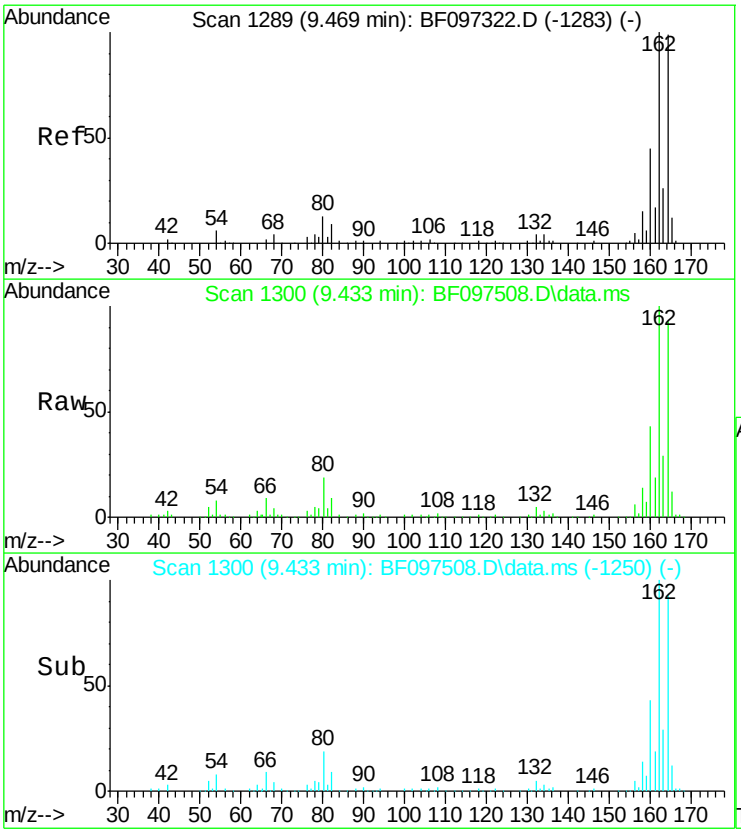
#25
Isophorone
Concen: 6.41 ng
RT: 6.981 min Scan# 88
Delta R.T. -0.270 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion: 82 Resp: 83260

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

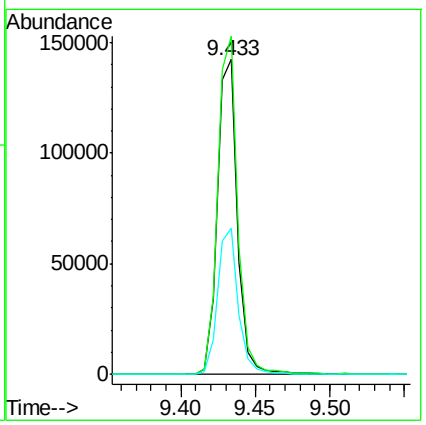


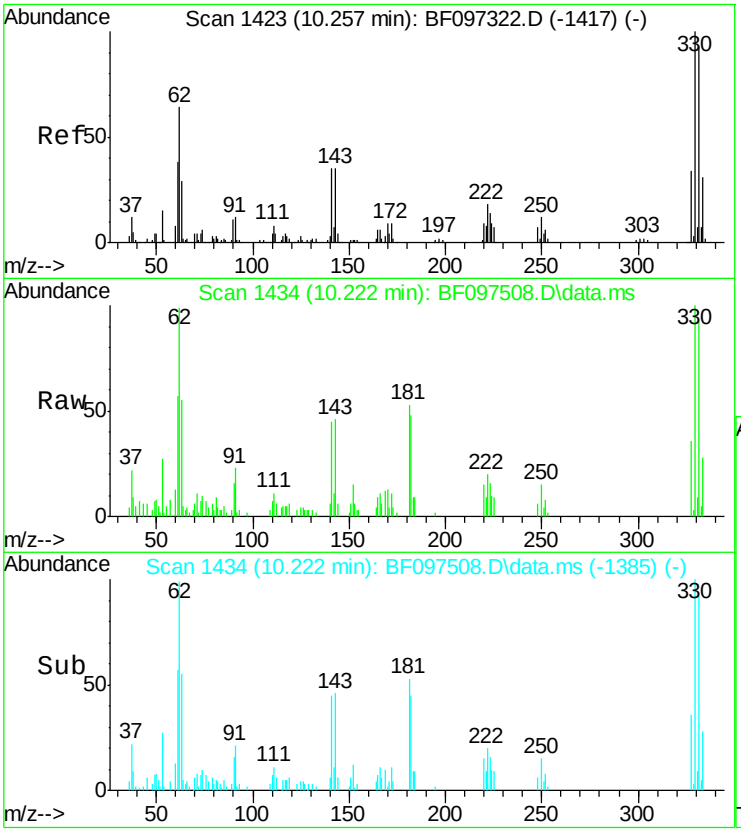


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.433 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:164 Resp: 134957

Ion	Ratio	Lower	Upper
164	100		
162	107.5	82.6	123.8
160	46.5	36.2	54.2



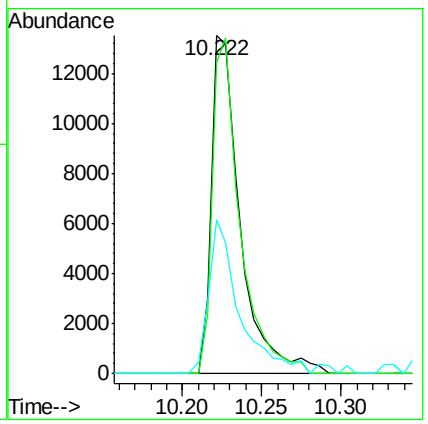


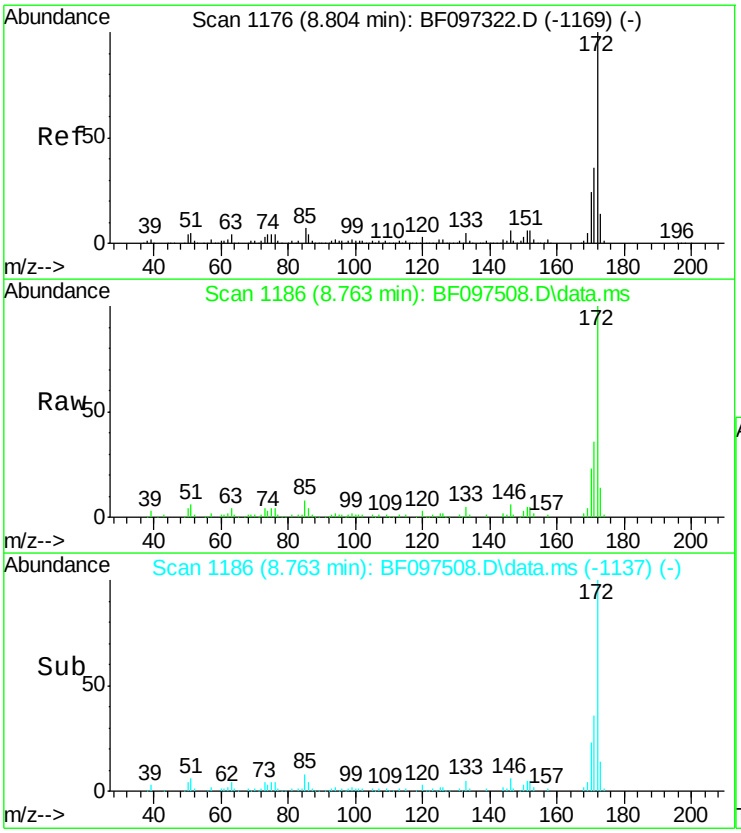
#41
2,4,6-Tribromophenol
Concen: 16.06 ng
RT: 10.222 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:330 Resp: 17121

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	48.5	31.4	47.2#

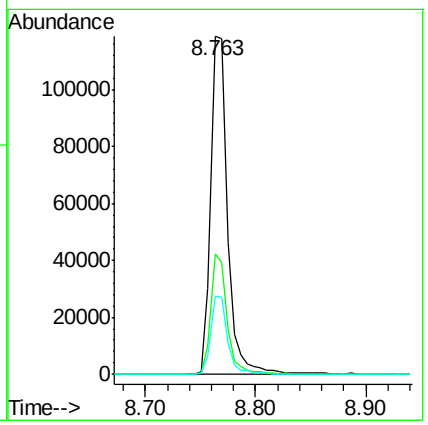


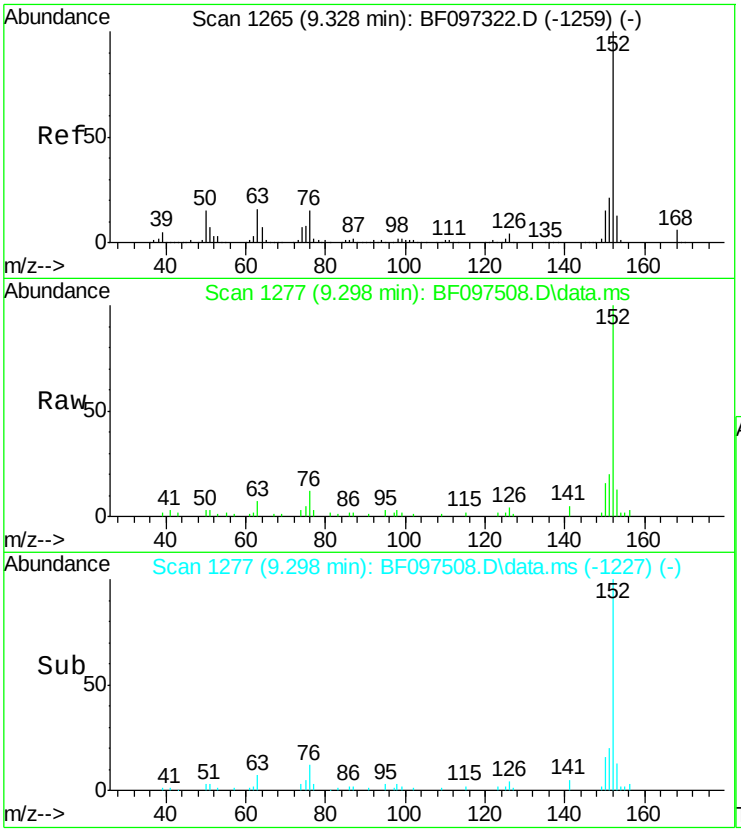


#44
2-Fluorobiphenyl
Concen: 15.57 ng
RT: 8.763 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:172 Resp: 123838

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.1	19.8	29.8



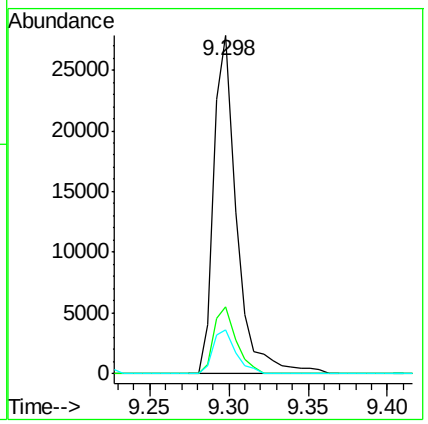


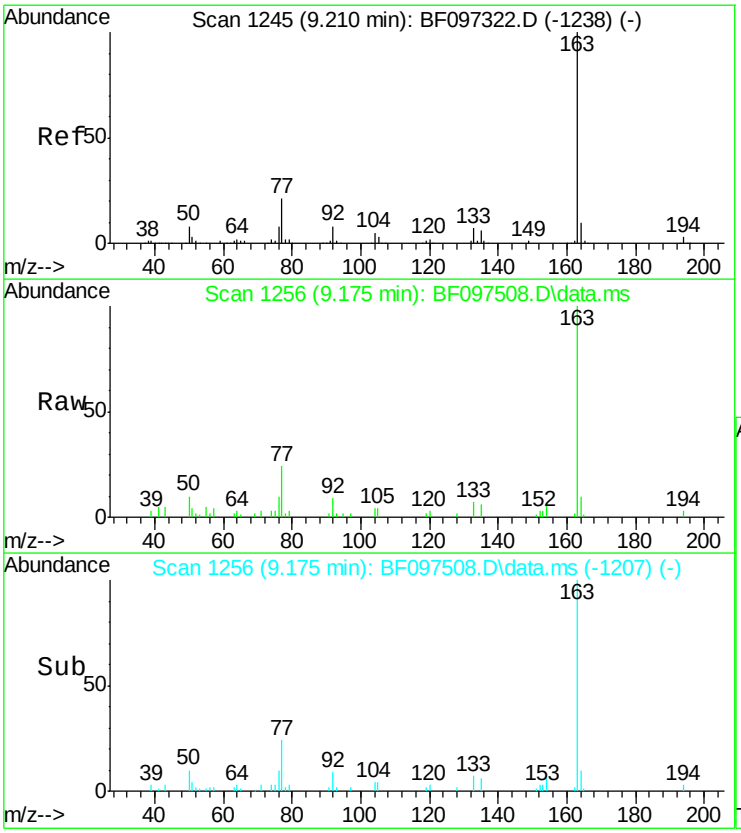
#48
Acenaphthylene
Concen: 2.16 ng
RT: 9.298 min Scan# 12
Delta R.T. -0.006 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:152 Resp: 28062

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	13.0	10.8	16.2

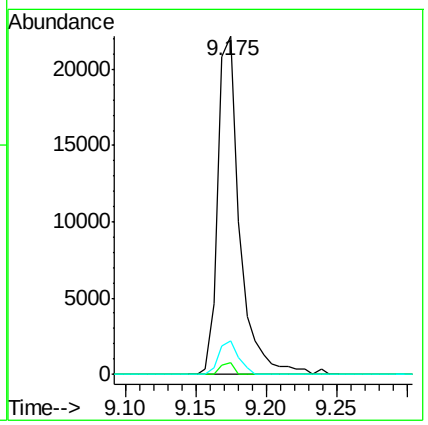


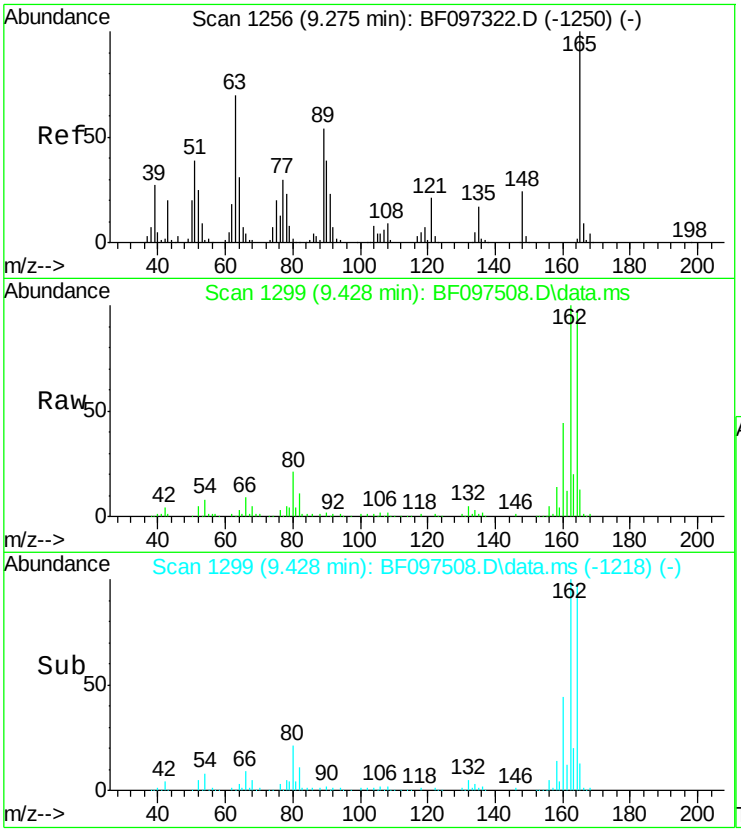


#49
Dimethylphthalate
Concen: 2.33 ng
RT: 9.175 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:163 Resp: 23907

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6



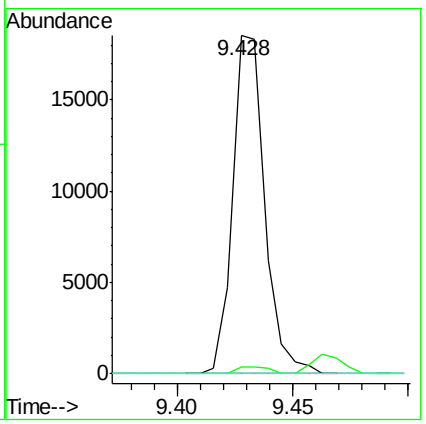


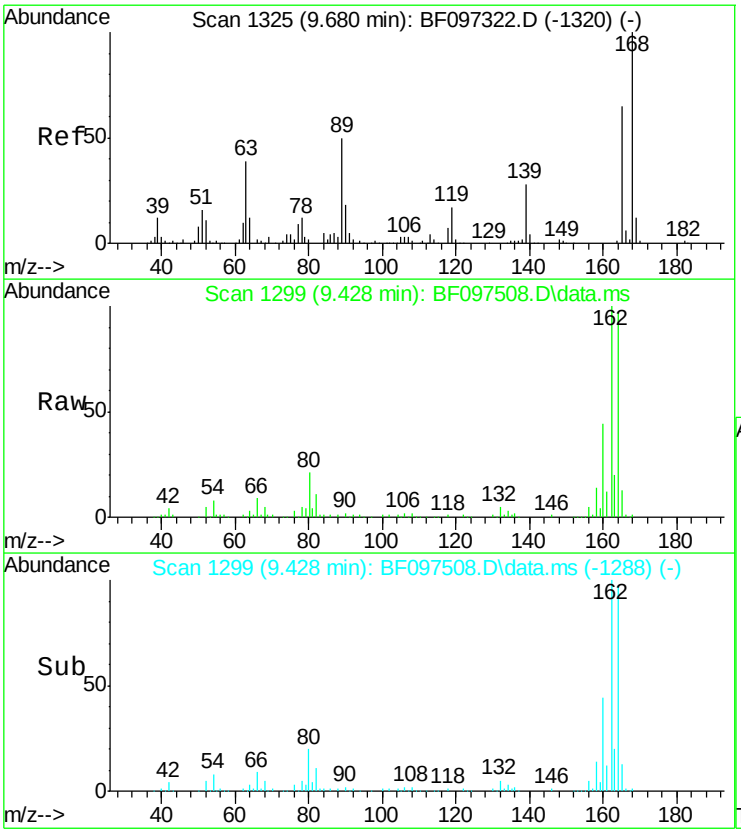
#50
2,6-Dinitrotoluene
Concen: 8.22 ng
RT: 9.428 min Scan# 12
Delta R.T. 0.177 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:165 Resp: 17876

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	0.0	37.1	55.7#

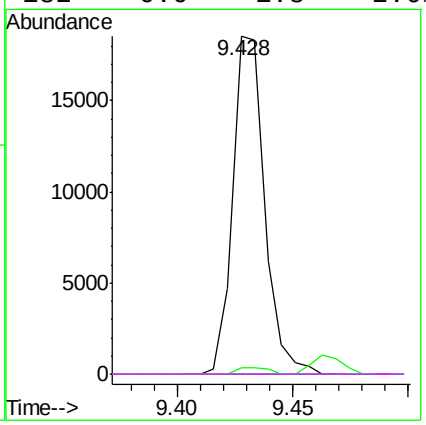


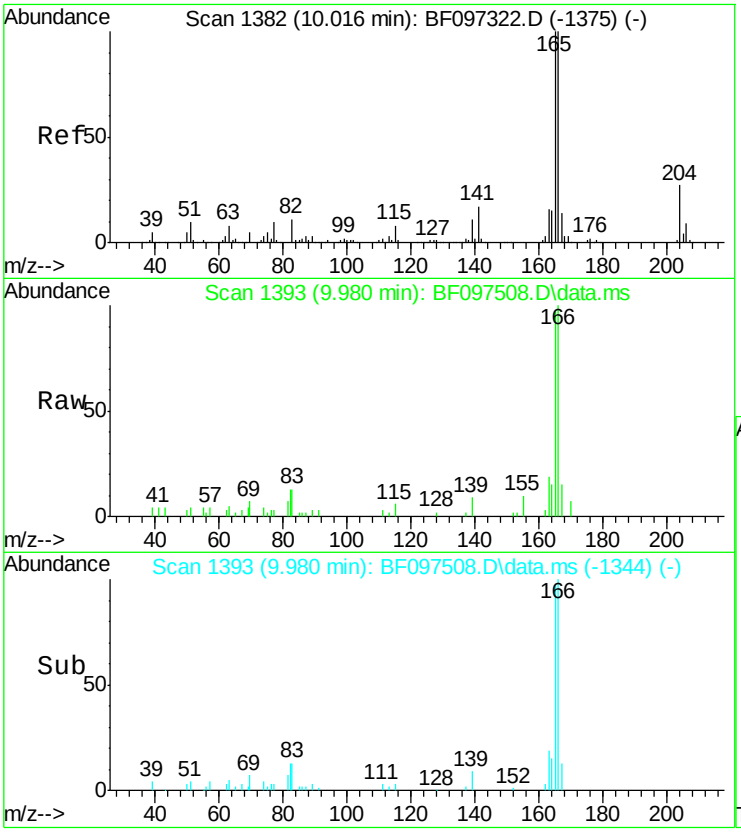


#56
2,4-Dinitrotoluene
Concen: 7.15 ng
RT: 9.428 min Scan# 1299
Delta R.T. -0.235 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:165 Resp: 17876

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



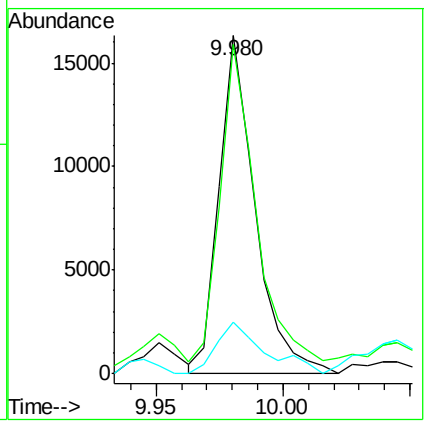


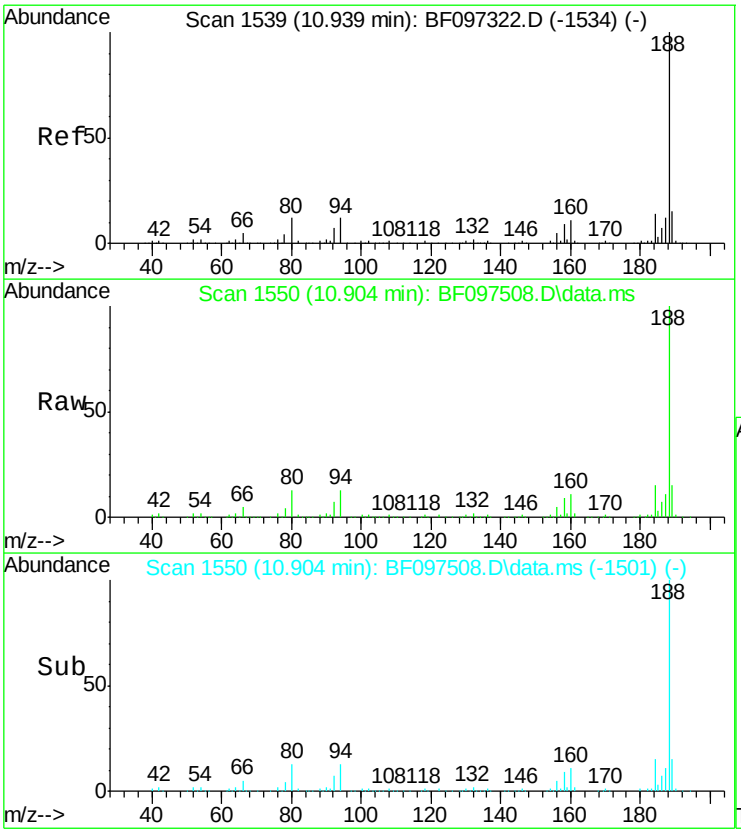
#57
Fluorene
Concen: 2.11 ng
RT: 9.980 min Scan# 13
Delta R.T. -0.012 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:166 Resp: 16213

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.8	118.2
167	15.2	10.6	16.0

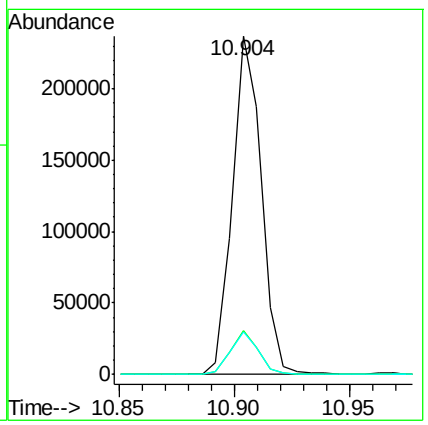


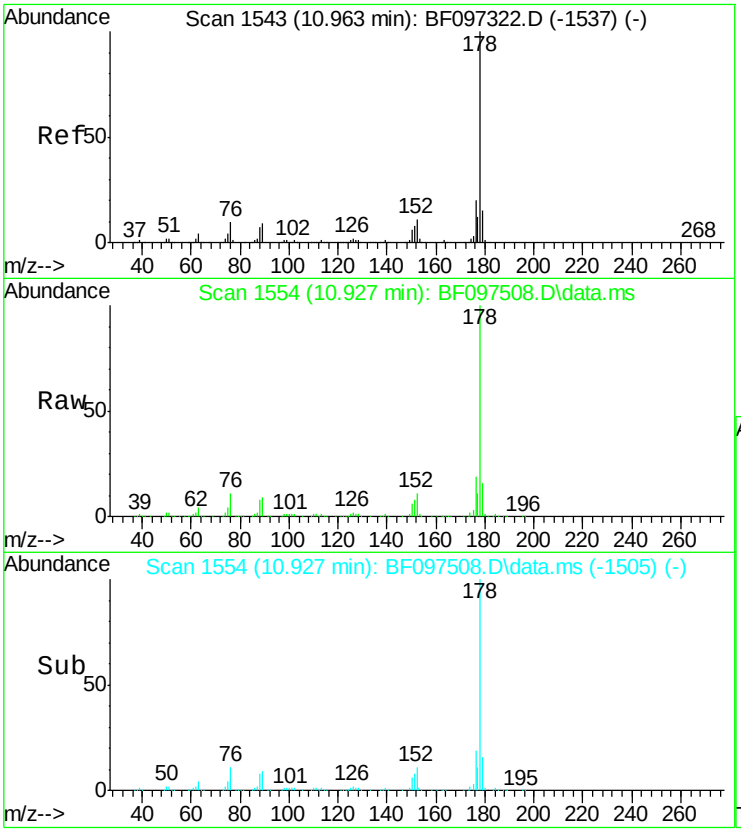


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.904 min Scan# 1550
Delta R.T. -0.012 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:188 Resp: 205795

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.4	14.2
80	12.7	10.2	15.2



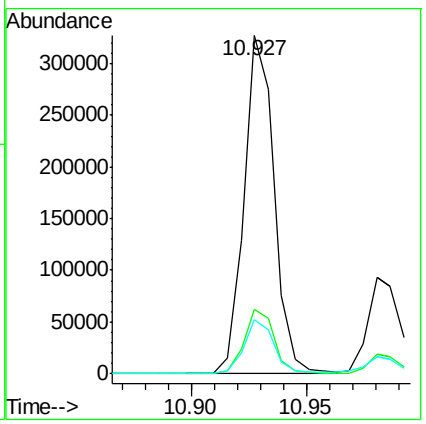


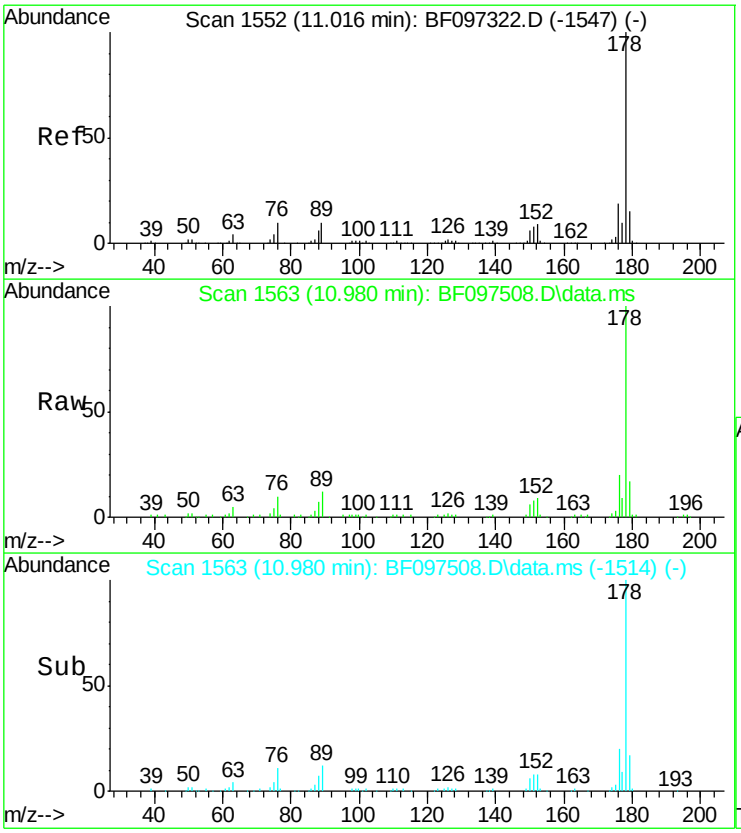
#70
Phenanthrene
Concen: 27.00 ng
RT: 10.927 min Scan# 15
Delta R.T. -0.012 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:178 Resp: 297737

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.8	12.6	19.0

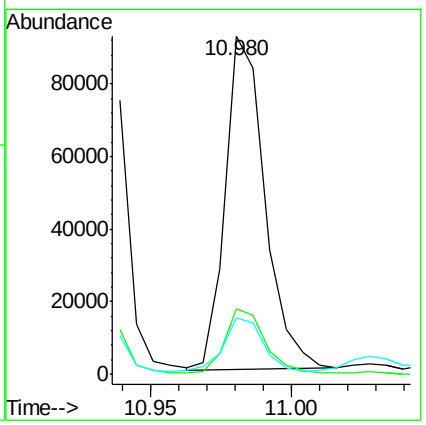


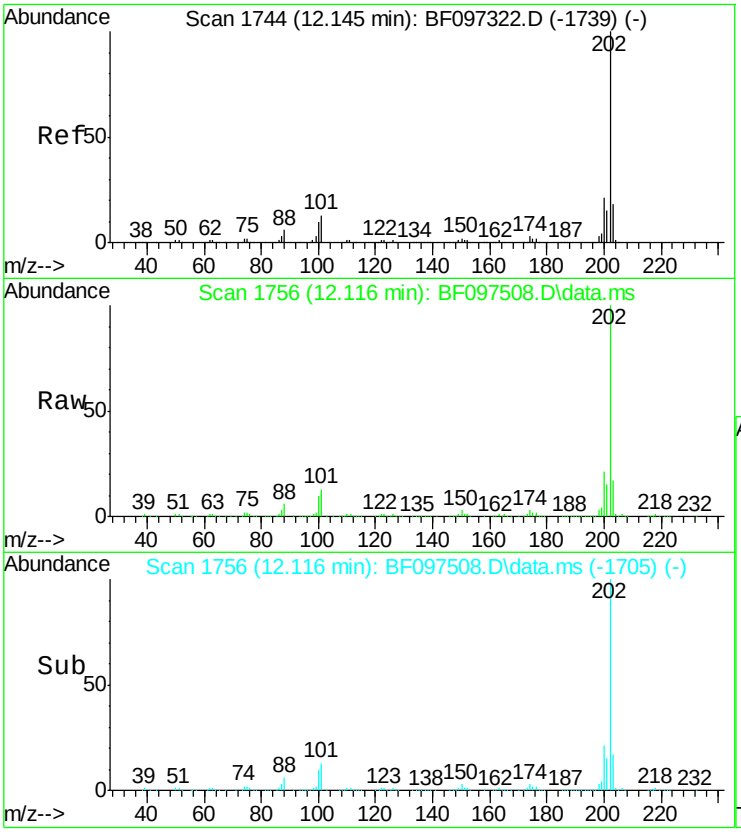


#71
Anthracene
Concen: 7.94 ng
RT: 10.980 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:178 Resp: 89671

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.9	12.7	19.1



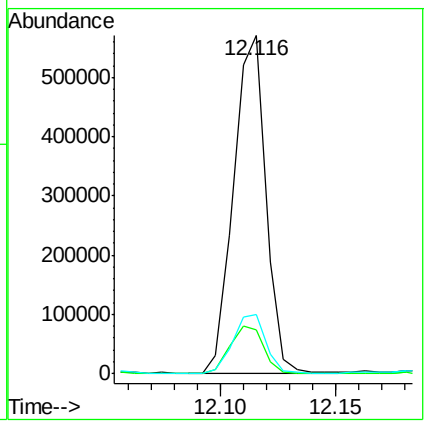


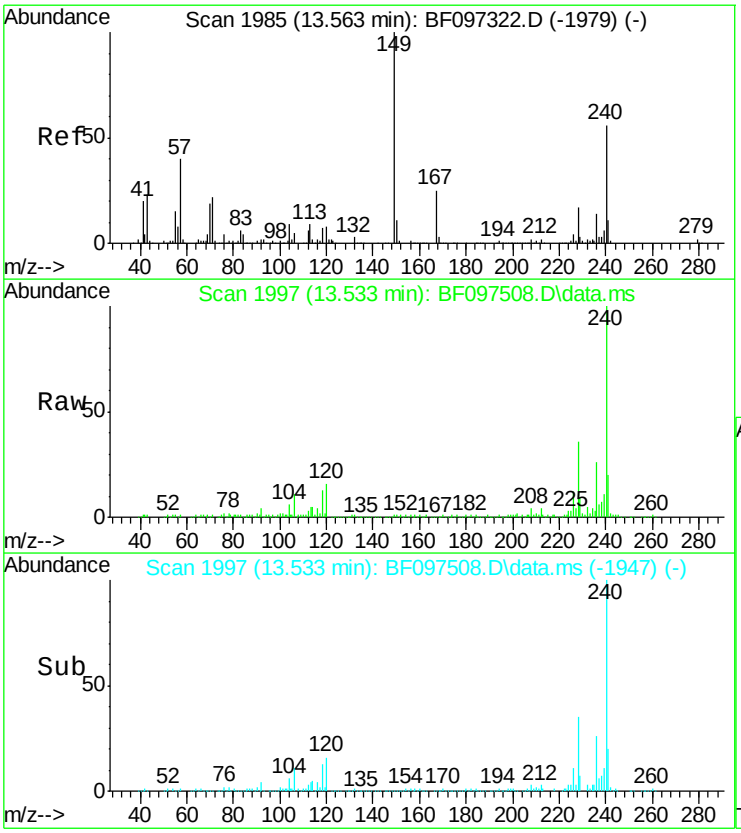
#74
Fluoranthene
Concen: 51.61 ng
RT: 12.116 min Scan# 17
Delta R.T. 0.000 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:202 Resp: 557524

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.3	0.0	38.1

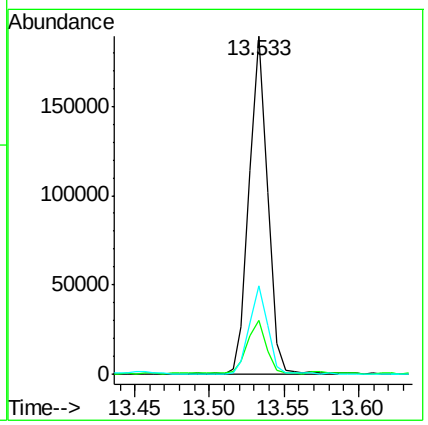


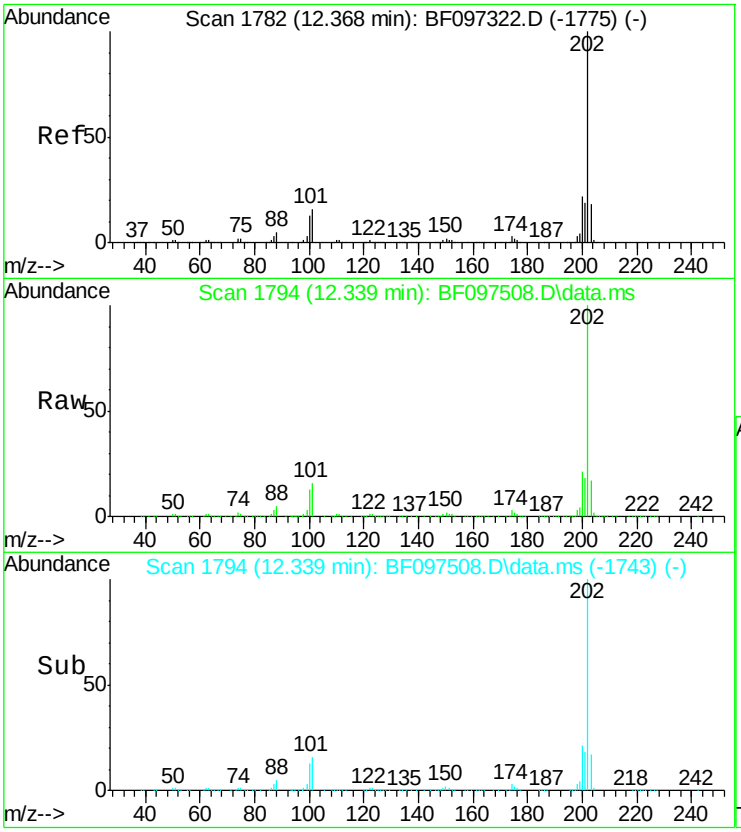


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.533 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:240 Resp: 162721

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	26.3	20.5	30.7



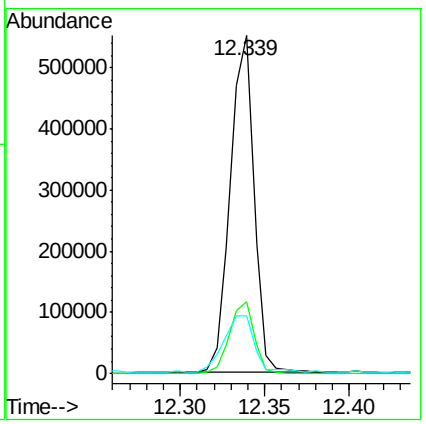


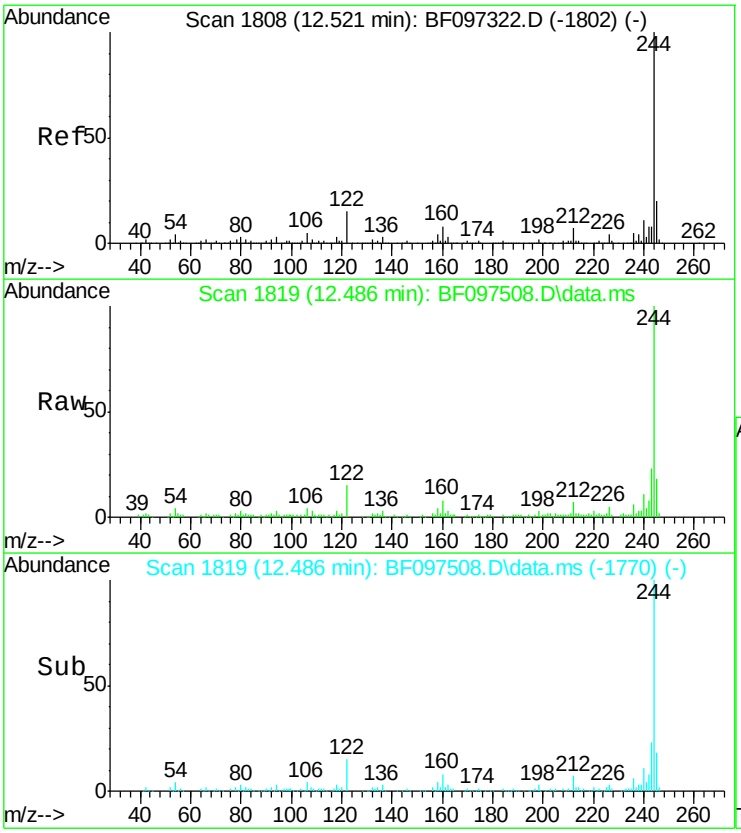
#77
Pyrene
Concen: 40.44 ng
RT: 12.339 min Scan# 17
Delta R.T. 0.000 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:202 Resp: 538761

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.0	14.4	21.6

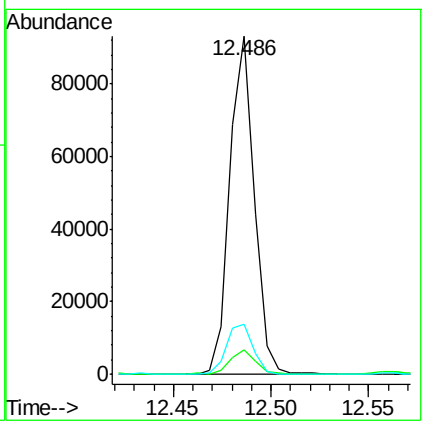


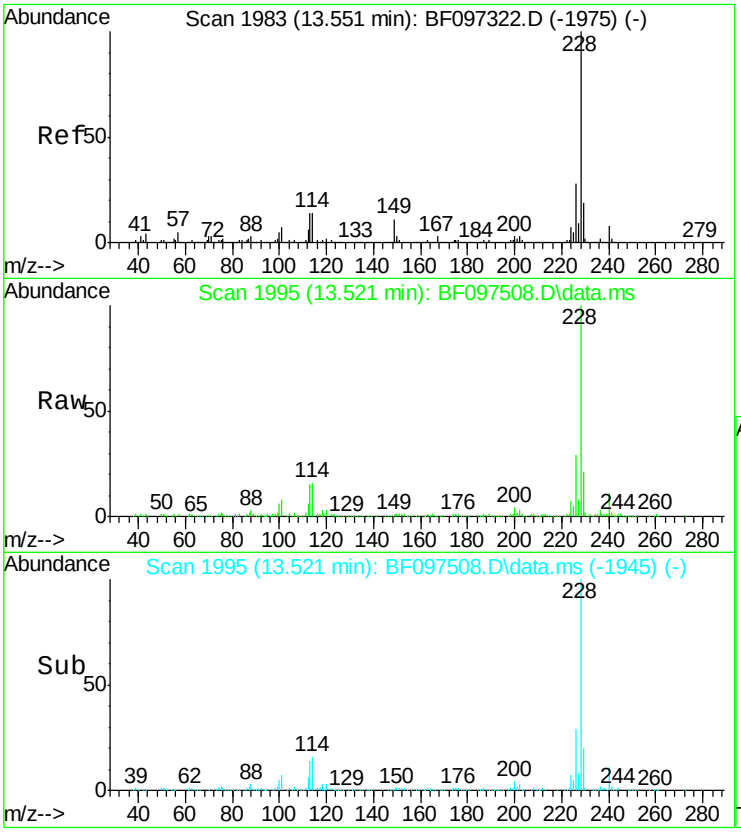


#78
Terphenyl-d14
Concen: 10.20 ng
RT: 12.486 min Scan# 1819
Delta R.T. -0.012 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:244 Resp: 81417

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	15.0	10.3	15.5



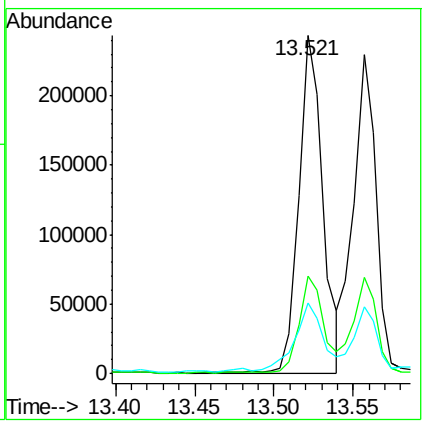


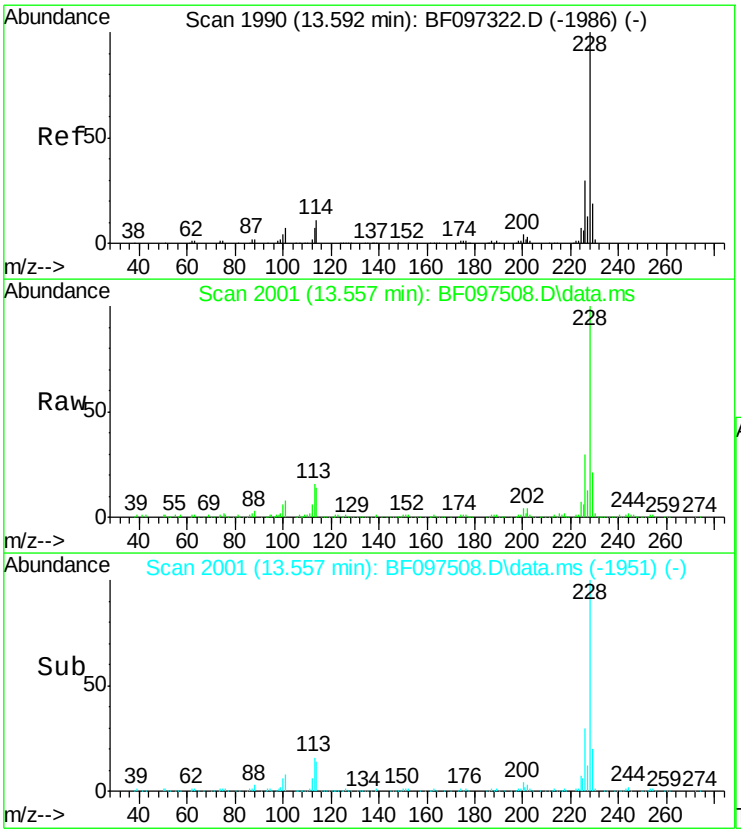
#80
Benzo(a)anthracene
Concen: 24.19 ng
RT: 13.521 min Scan# 19
Delta R.T. -0.006 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:228 Resp: 254671

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.8	16.3	24.5

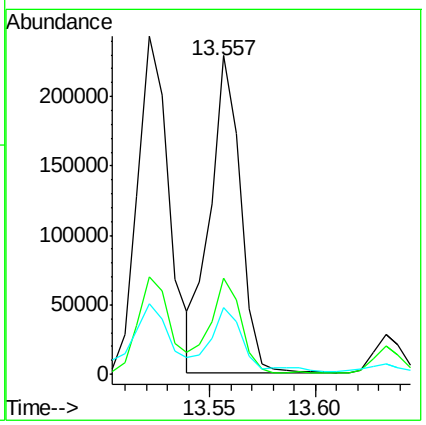


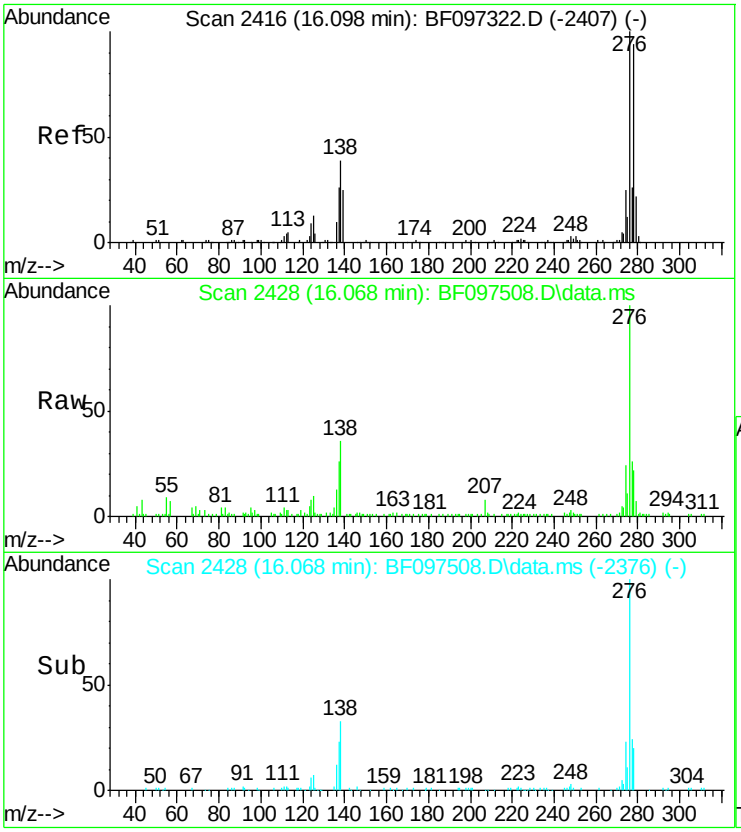


#82
Chrysene
Concen: 22.16 ng
RT: 13.557 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:228 Resp: 227822

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.0	15.8	23.6



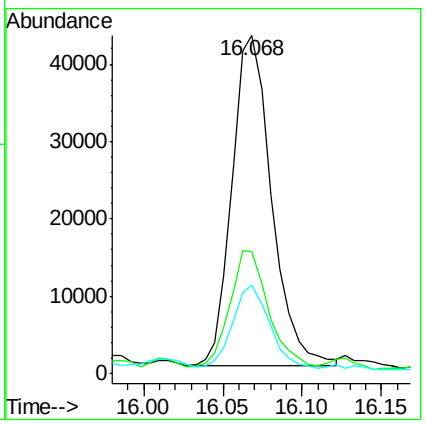


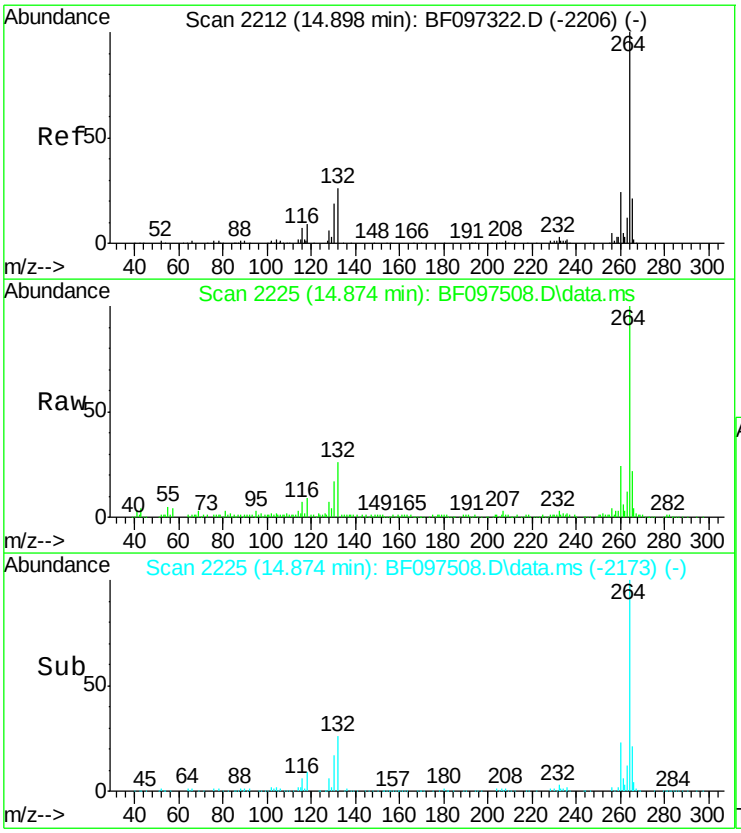
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.39 ng
RT: 16.068 min Scan# 24
Delta R.T. 0.006 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:276 Resp: 73993

Ion	Ratio	Lower	Upper
276	100		
138	37.0	27.8	41.6
277	24.9	20.2	30.4

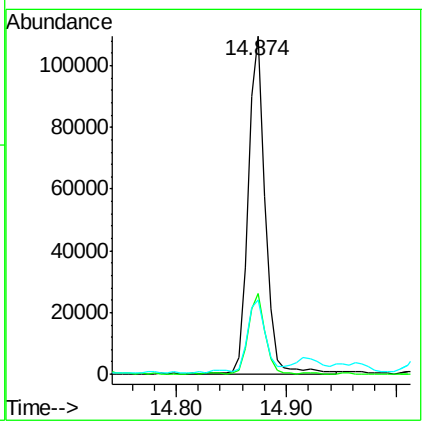


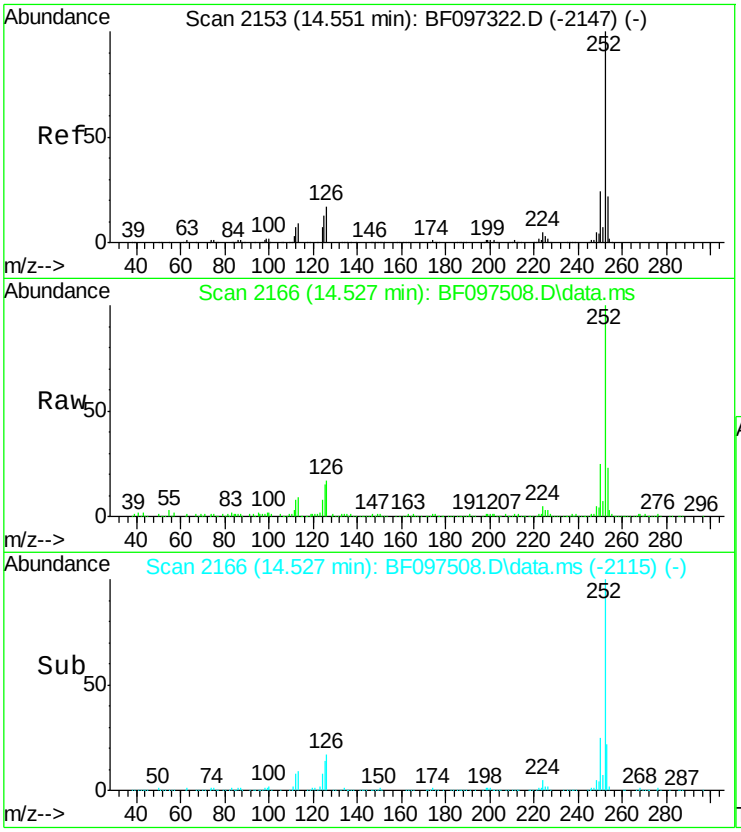


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.874 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:264 Resp: 119392

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.9	17.2	25.8



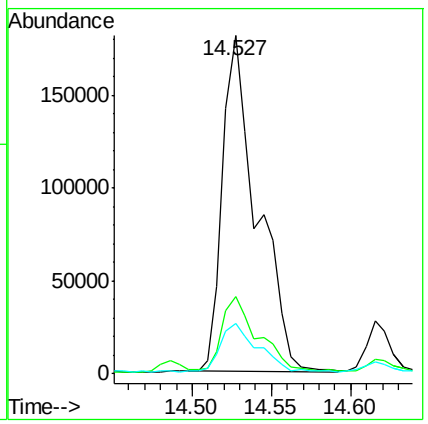


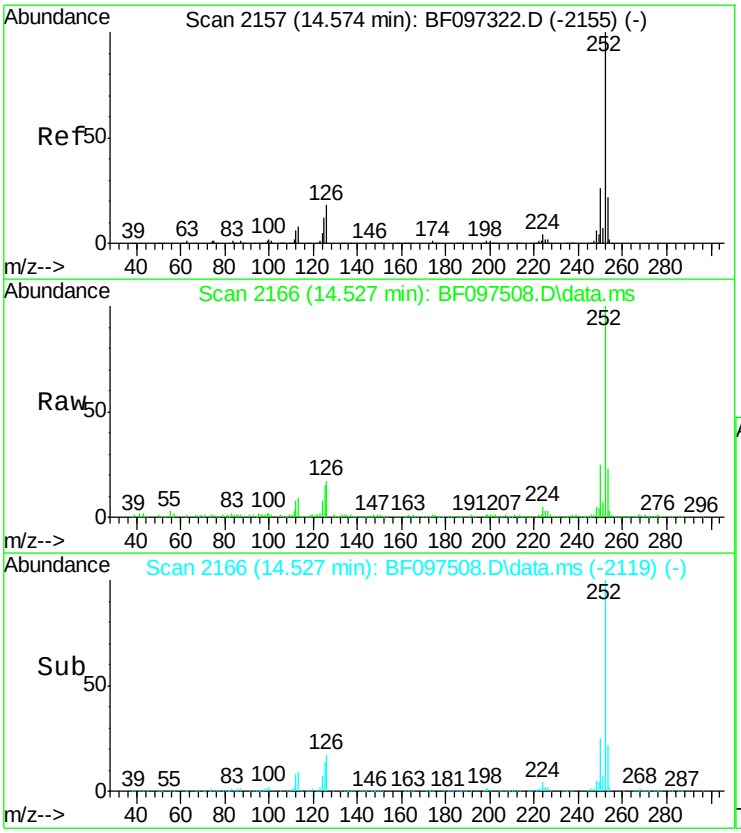
#87
Benzo(b)fluoranthene
Concen: 38.46 ng
RT: 14.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:252 Resp: 276037

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	14.7	9.8	14.8

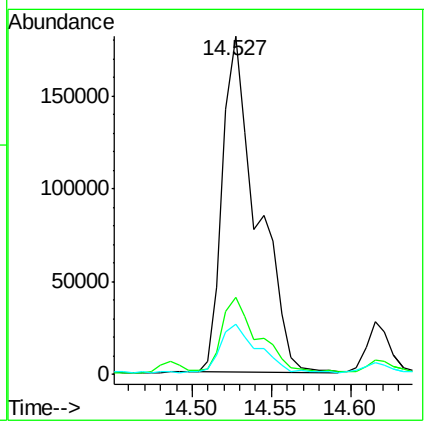


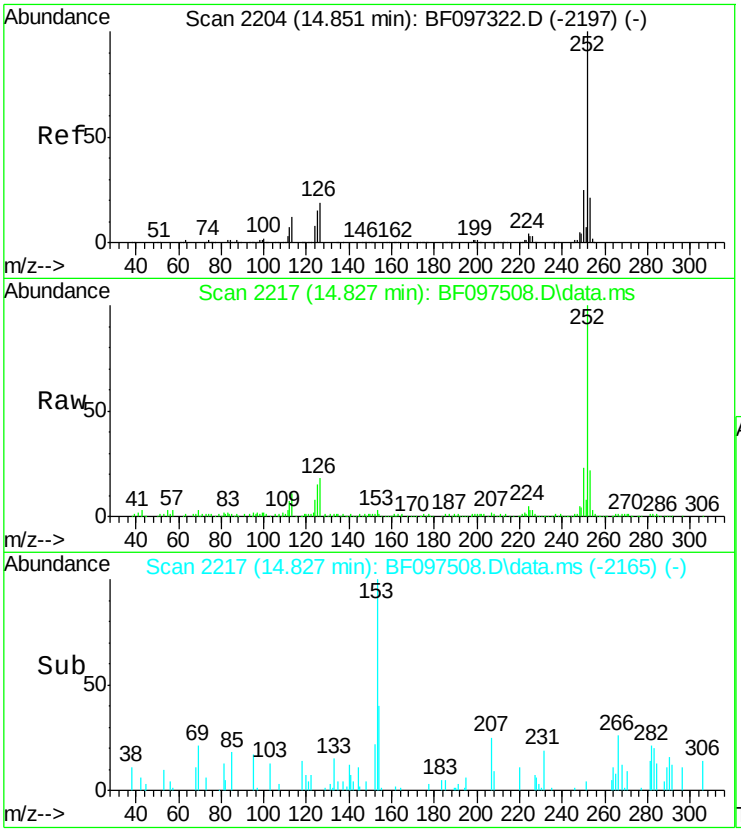


#88
Benzo(k)fluoranthene
Concen: 40.36 ng
RT: 14.527 min Scan# 2166
Delta R.T. -0.023 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:252 Resp: 276037

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	14.7	13.1	19.7



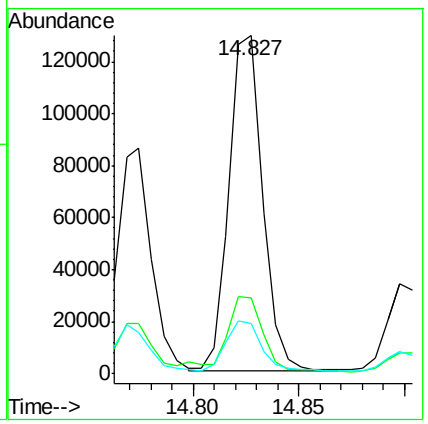


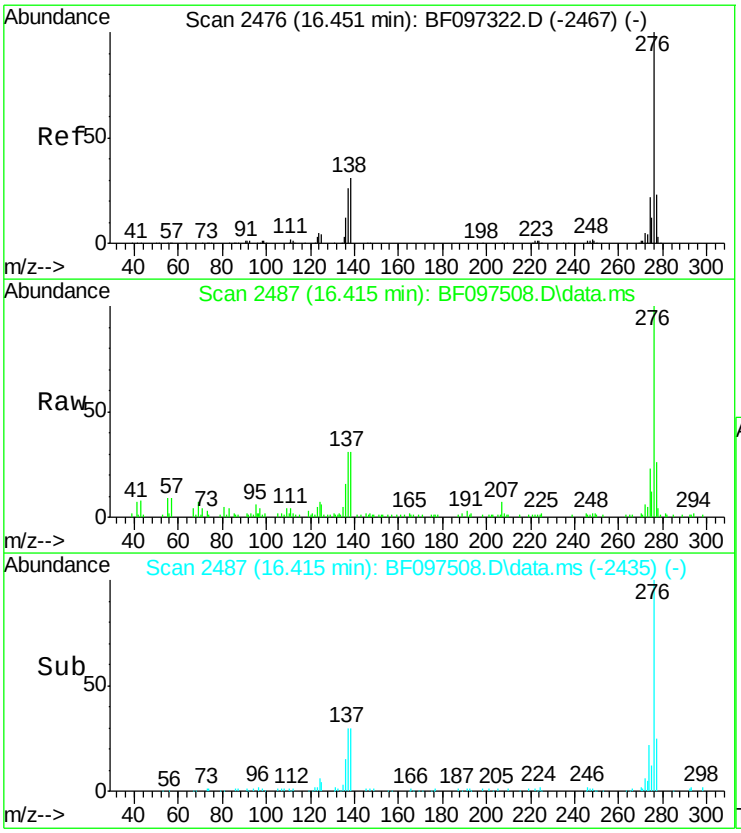
#89
Benzo(a)pyrene
Concen: 21.58 ng
RT: 14.827 min Scan# 22
Delta R.T. 0.006 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-DDL

Tgt Ion:252 Resp: 141717

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.6	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 12.77 ng
RT: 16.415 min Scan# 2487
Delta R.T. 0.006 min
Lab File: BF097508.D
Acq: 9 Aug 2017 10:23

Tgt Ion:276 Resp: 72122

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.6	28.0
138	31.0	25.4	38.0