Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095568.D
Acq On : 31 May 2017 17:27
Operator : SJ/MA
Sample : I3329-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 01 01:32:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	326326	20.00	ng		0.05
21) Naphthalene-d8	9.58	136	467026	20.00	ng		-0.18
38) Acenaphthene-d10	12.41	164	227105	20.00	ng		-0.19
63) Phenanthrene-d10	14.81	188	357327	20.00	ng		-0.19
75) Chrysene-d12	18.51	240	227311	20.00	ng		-0.17
86) Perylene-d12	20.18	264	209993	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	667156	34.09	ng		-0.24
7) Phenol-d6	7.10	99	925342	39.40	ng		-0.19
23) Nitrobenzene-d5	8.46	82	545522	73.66	ng		-0.19
41) 2,4,6-Tribromophenol	13.71	330	189718	102.00	ng		-0.19
44) 2-Fluorobiphenyl	11.36	172	951347	60.29	ng		-0.18
78) Terphenyl-d14	17.16	244	680460	65.93	ng		-0.16
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.46	70	68075	4.29	ng	#	74
48) Acenaphthylene	12.18	152	90560	3.74	ng		99
49) Dimethylphthalate	12.05	163	382845	20.53	ng		99
55) 4-Nitrophenol	12.76	139	12431	5.07	ng	#	25
57) Fluorene	13.31	166	39232	2.26	ng		94
70) Phenanthrene	14.85	178	530896	25.86	ng		97
71) Anthracene	14.94	178	135864	6.48	ng		97
72) Carbazole	15.24	167	47678	2.50	ng		98
74) Fluoranthene	16.61	202	823595	39.11	ng		99
77) Pyrene	16.91	202	770194	45.30	ng		98
80) Benzo(a)anthracene	18.49	228	307658	23.26	ng		95
82) Chrysene	18.54	228	284460	22.24	ng		100
85) Indeno(1,2,3-cd)pyrene	21.42	276	164958	15.88	ng		94
87) Benzo(b)fluoranthene	19.77	252	459373	35.40	ng	#	97
88) Benzo(k)fluoranthene	19.77	252	459373	36.70	ng		98
89) Benzo(a)pyrene	20.12	252	265501	22.17	ng		99
90) Dibenzo(a,h)anthracene	21.56	278	32477	3.28	ng		94
91) Benzo(g,h,i)perylene	21.78	276	149532	15.41	ng		98

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

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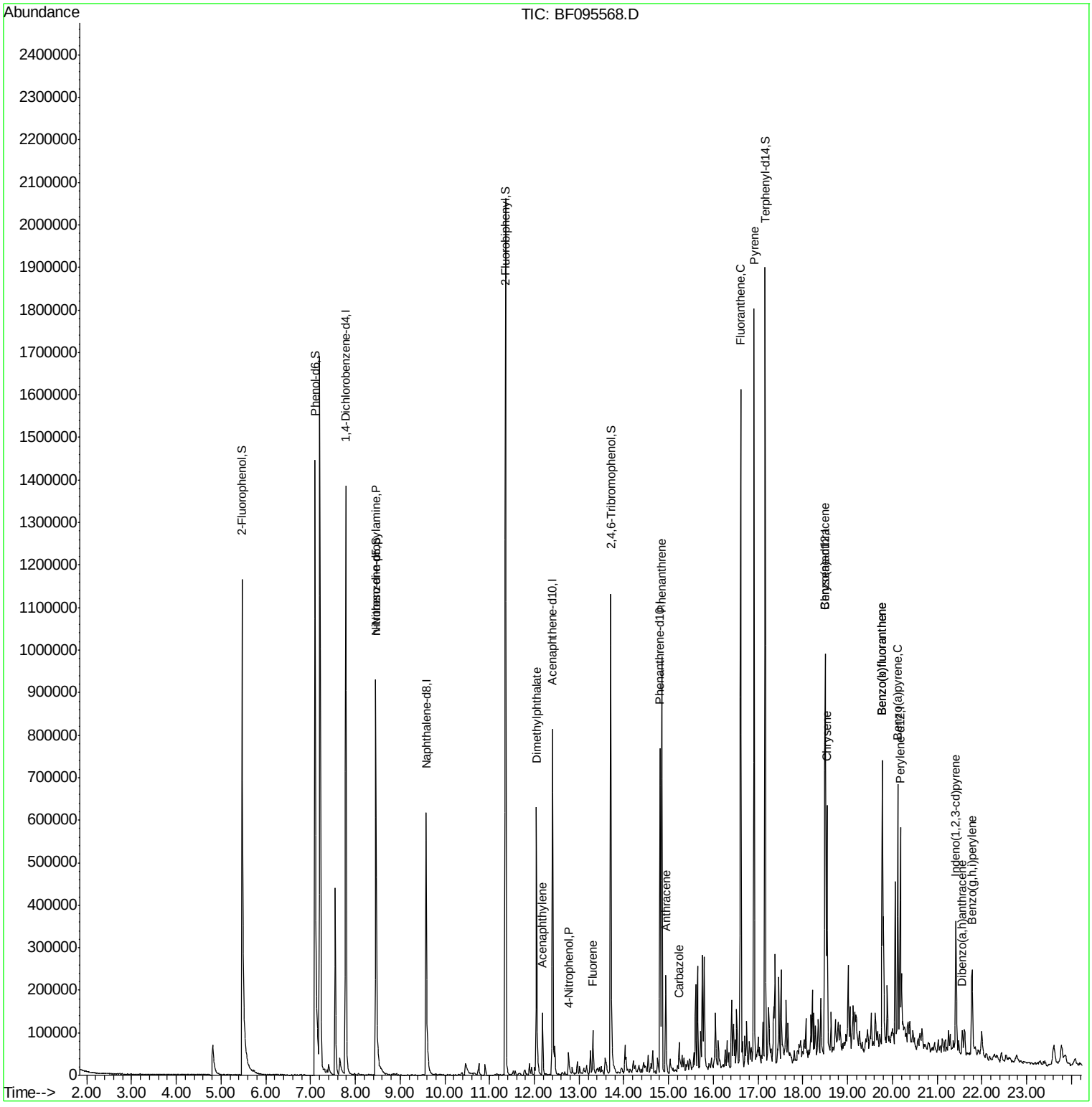
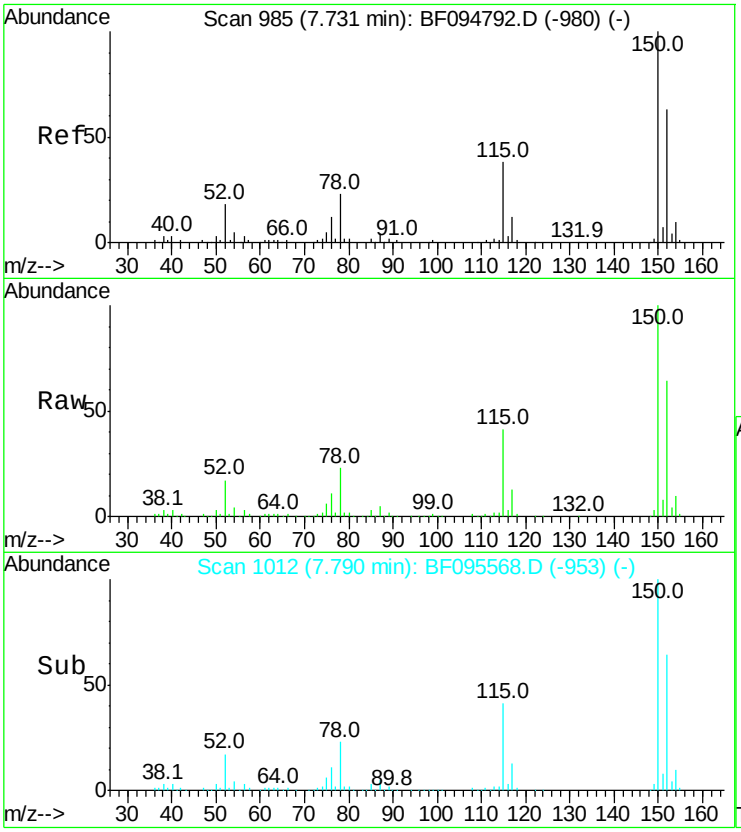


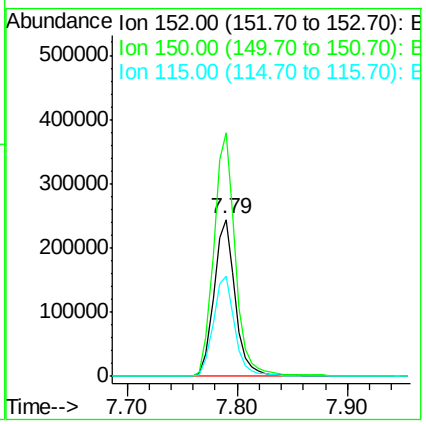


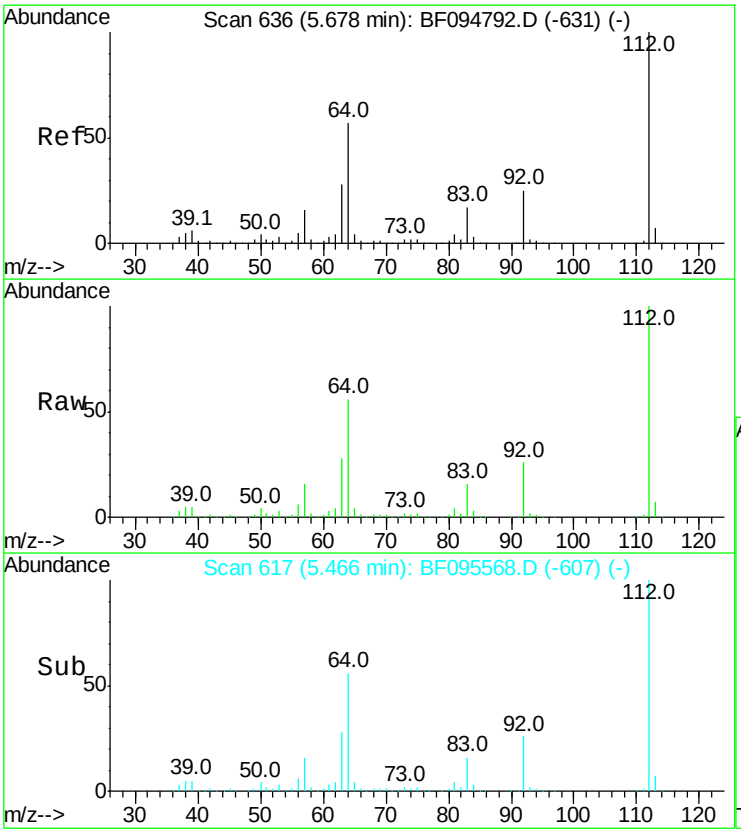
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 1012
Delta R.T. 0.05 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 326326

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	64.1	52.2	78.2

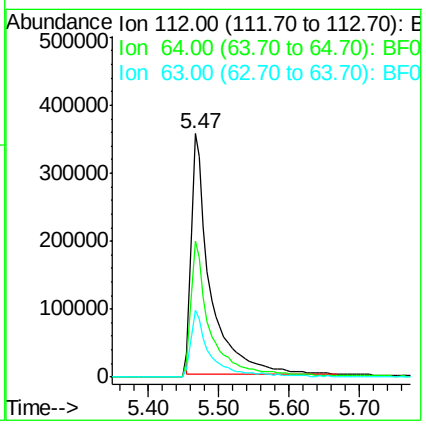


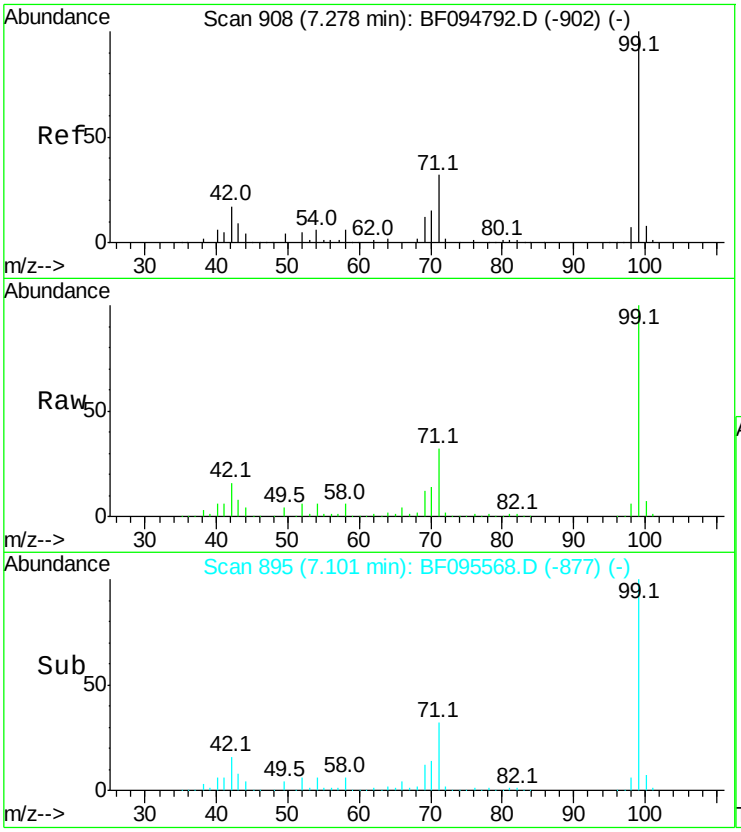


#5
2-Fluorophenol
Concen: 34.09 ng
RT: 5.47 min Scan# 617
Delta R.T. -0.24 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:112 Resp: 667156

Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	27.5	23.4	35.0



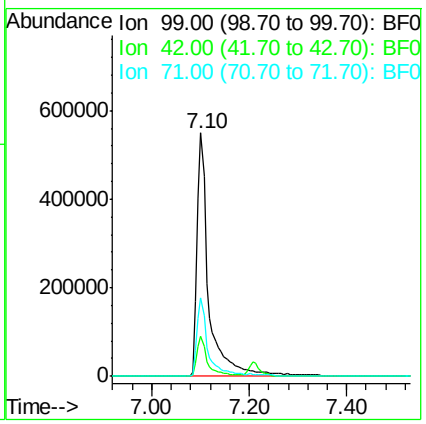


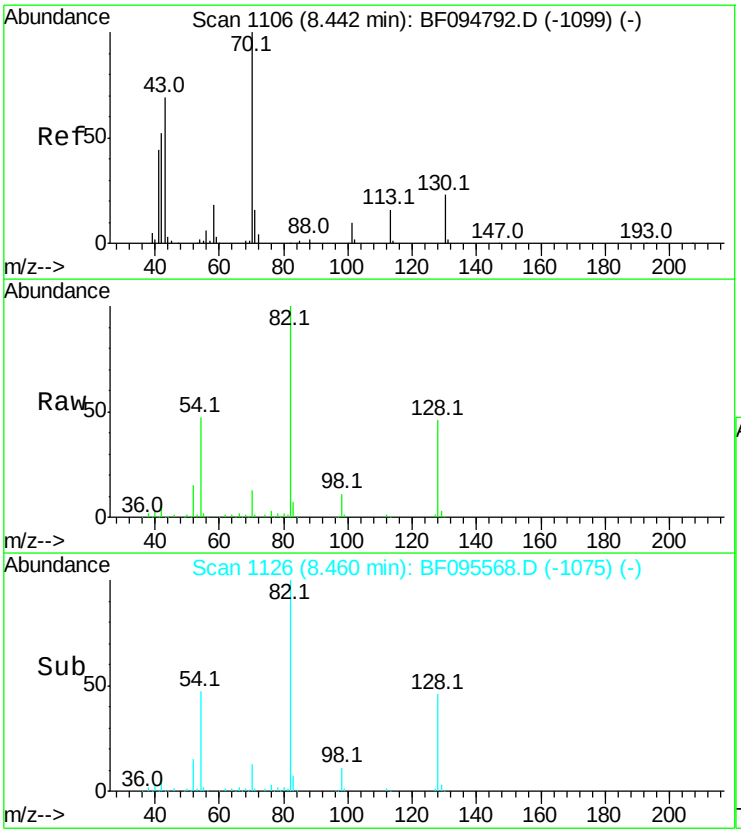
#7
Phenol-d6
Concen: 39.40 ng
RT: 7.10 min Scan# 895
Delta R.T. -0.19 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 925342

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	32.3	24.5	36.7

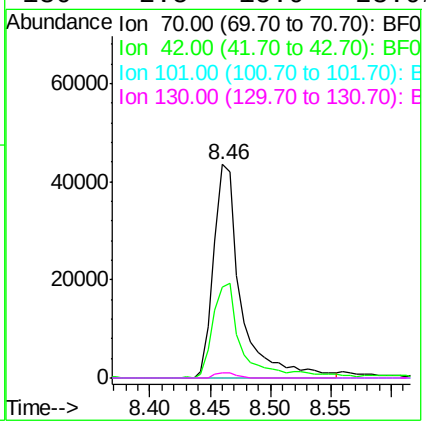


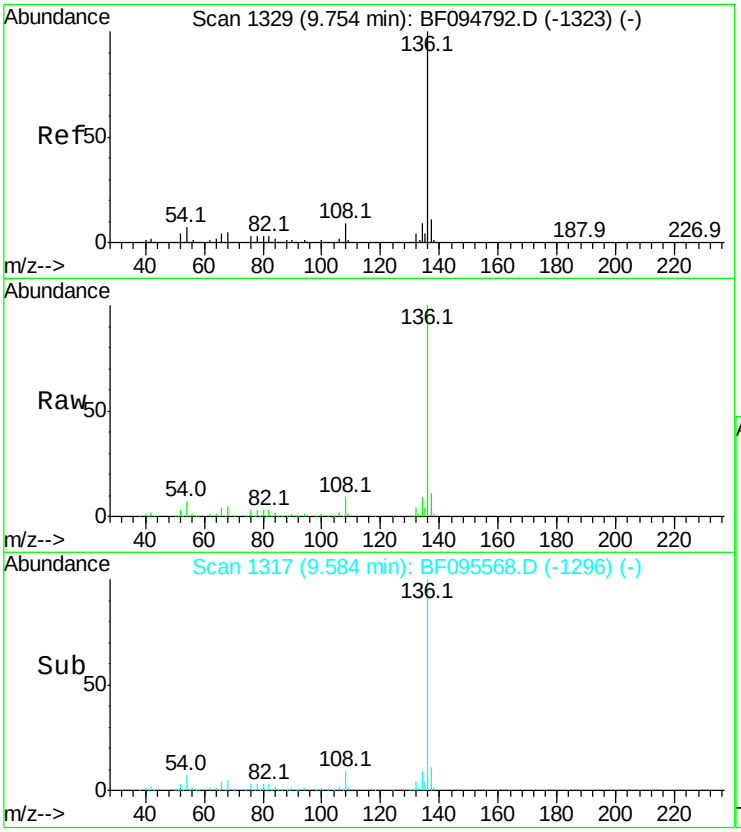


#19
n-Nitroso-di-n-propylamine
Concen: 4.29 ng
RT: 8.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion: 70 Resp: 68075

Ion	Ratio	Lower	Upper
70	100		
42	42.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



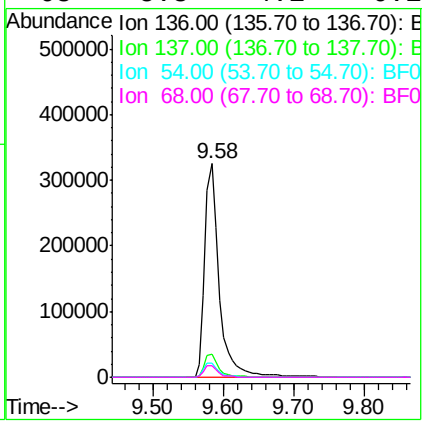


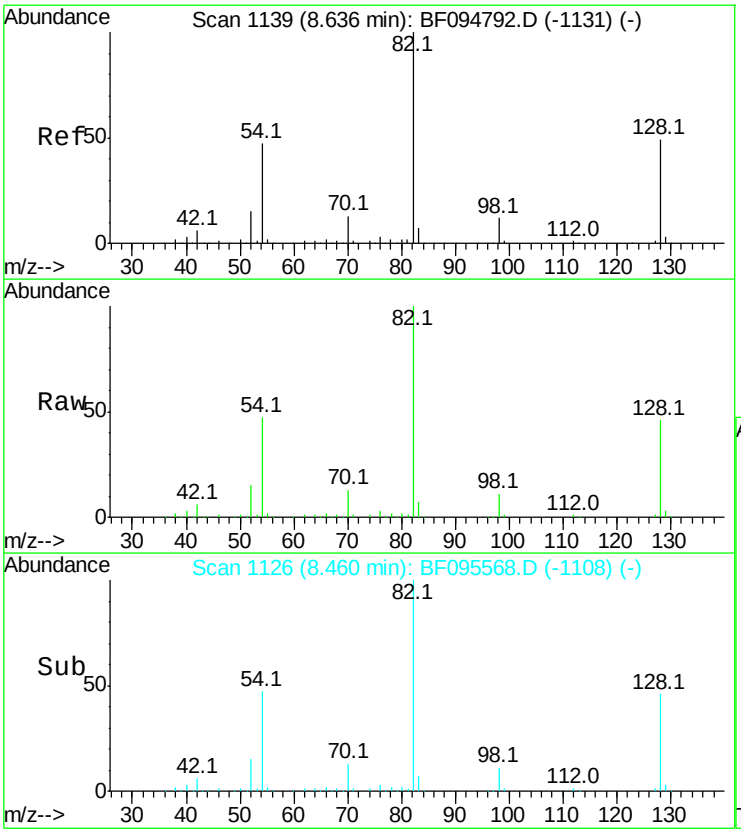
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.58 min Scan# 1317
Delta R.T. -0.18 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 467026

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.8	4.9	7.3
68	5.3	4.1	6.1

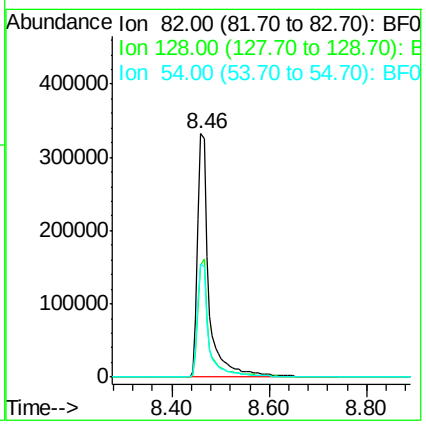


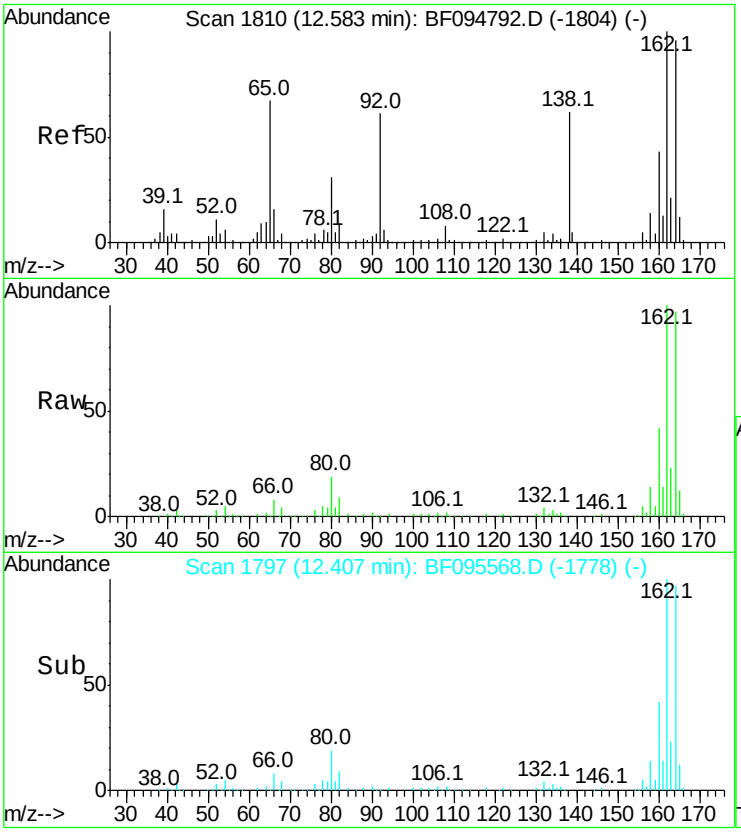


#23
Nitrobenzene-d5
Concen: 73.66 ng
RT: 8.46 min Scan# 1126
Delta R.T. -0.19 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion: 82 Resp: 545522

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	46.6	42.2	63.2



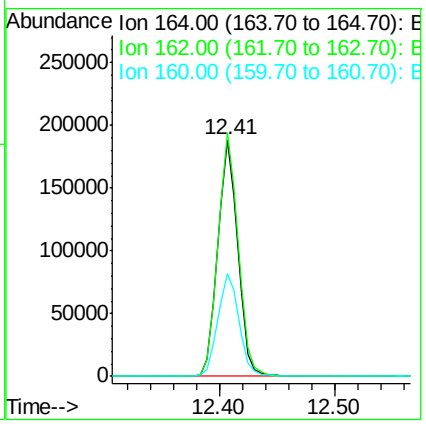


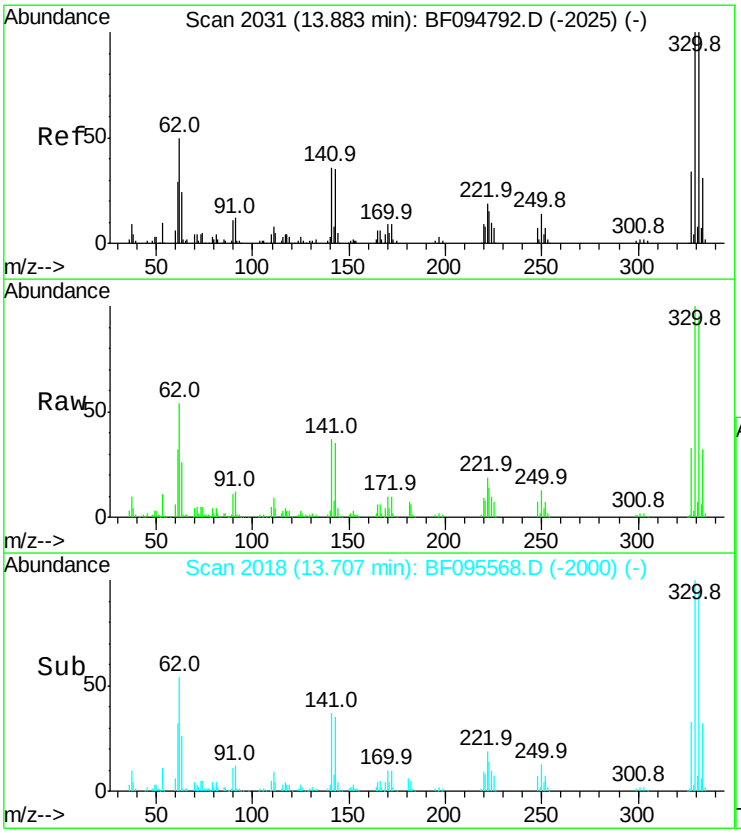
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1797
Delta R.T. -0.19 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 227105

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	43.3	36.2	54.2

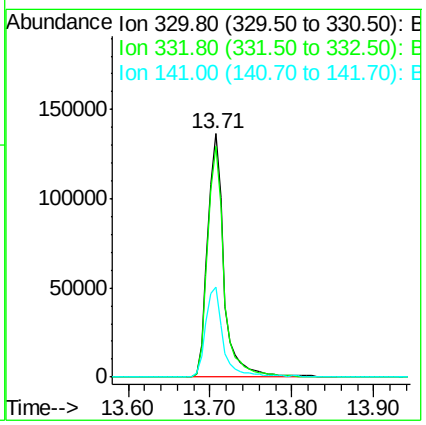


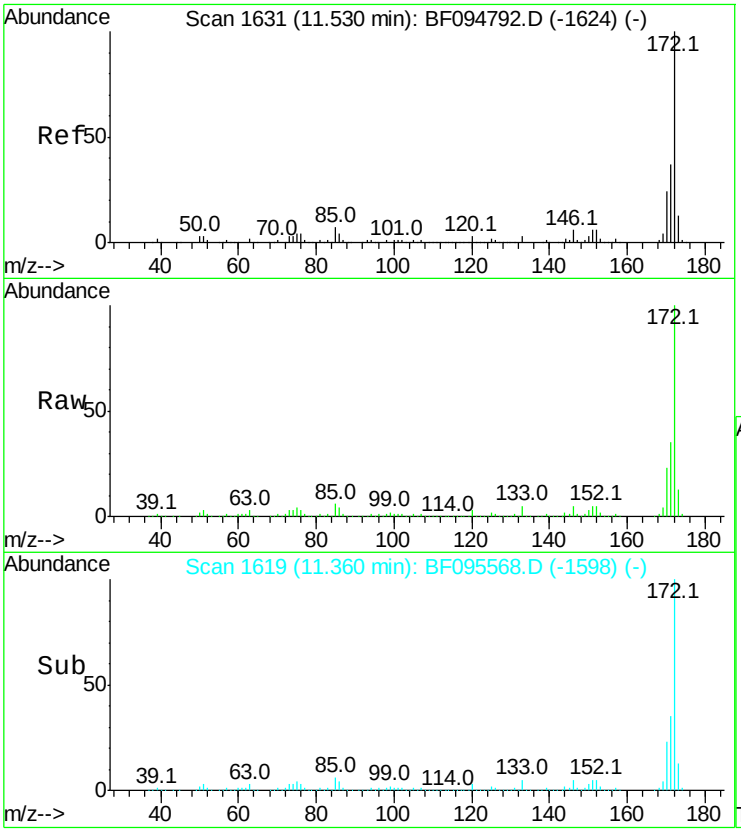


#41
2,4,6-Tribromophenol
Concen: 102.00 ng
RT: 13.71 min Scan# 2018
Delta R.T. -0.19 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:330 Resp: 189718

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	39.7	31.4	47.2



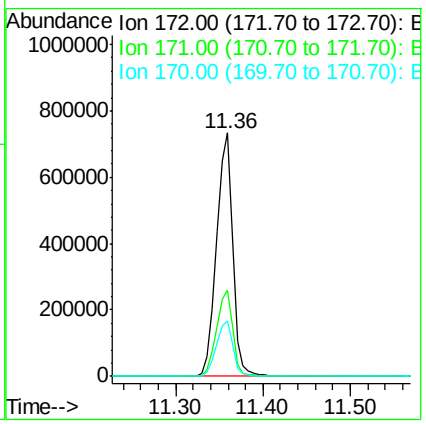


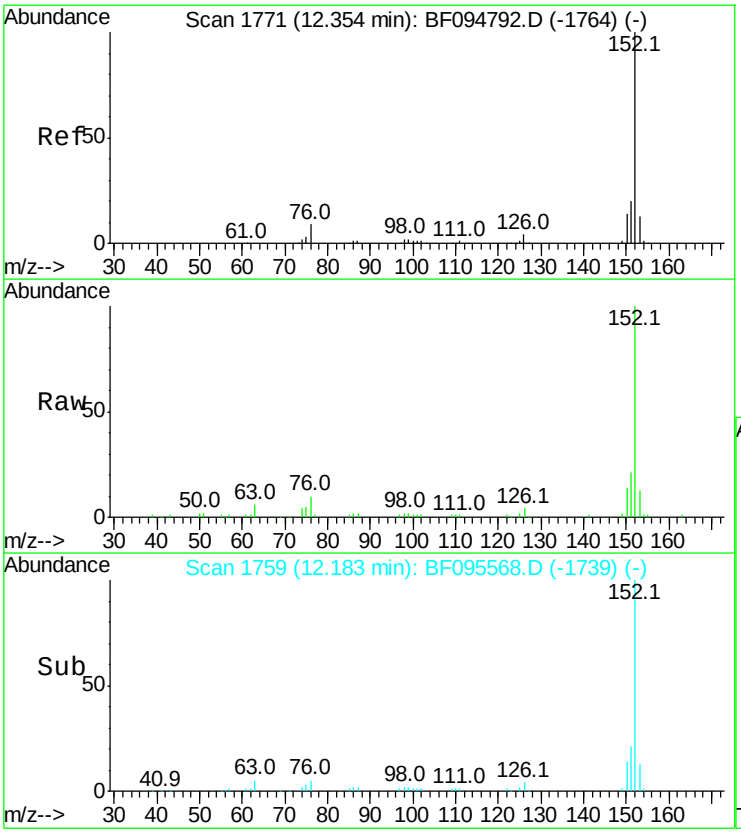
#44
2-Fluorobiphenyl
Concen: 60.29 ng
RT: 11.36 min Scan# 1619
Delta R.T. -0.18 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 951347

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.0	19.8	29.8

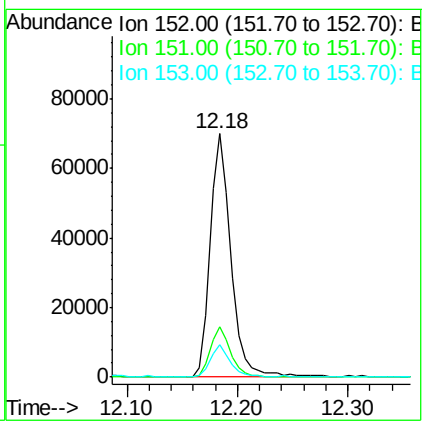


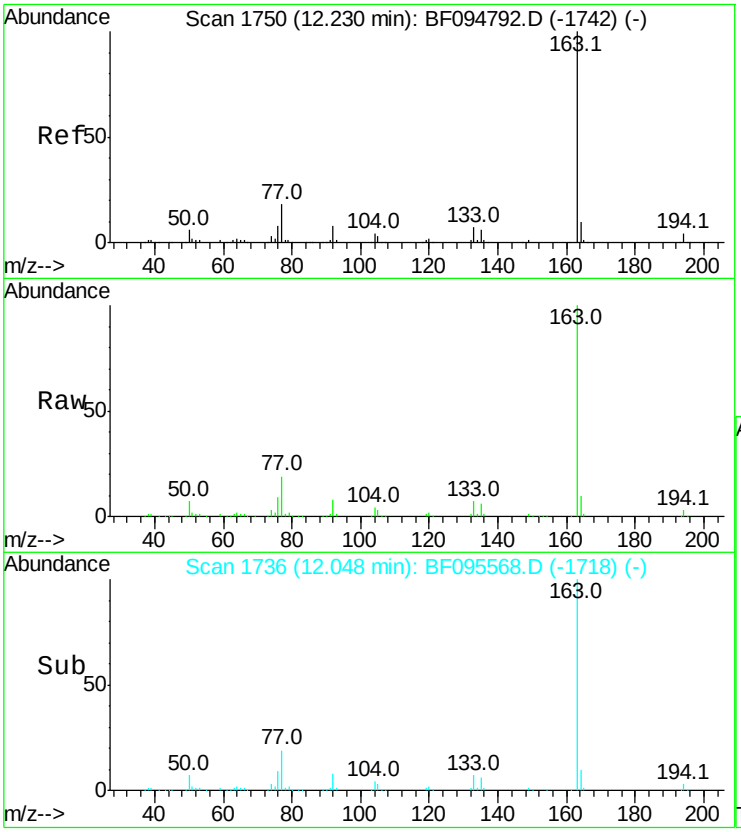


#48
Acenaphthylene
Concen: 3.74 ng
RT: 12.18 min Scan# 1759
Delta R.T. -0.18 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:152 Resp: 90560

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.4	10.8	16.2



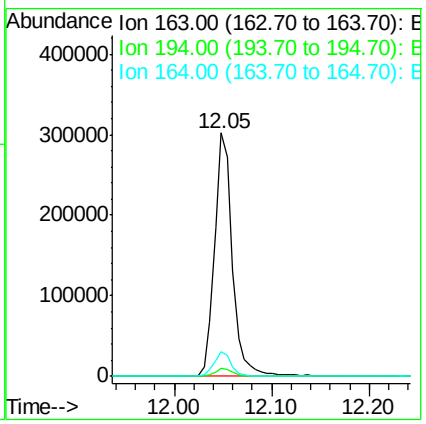


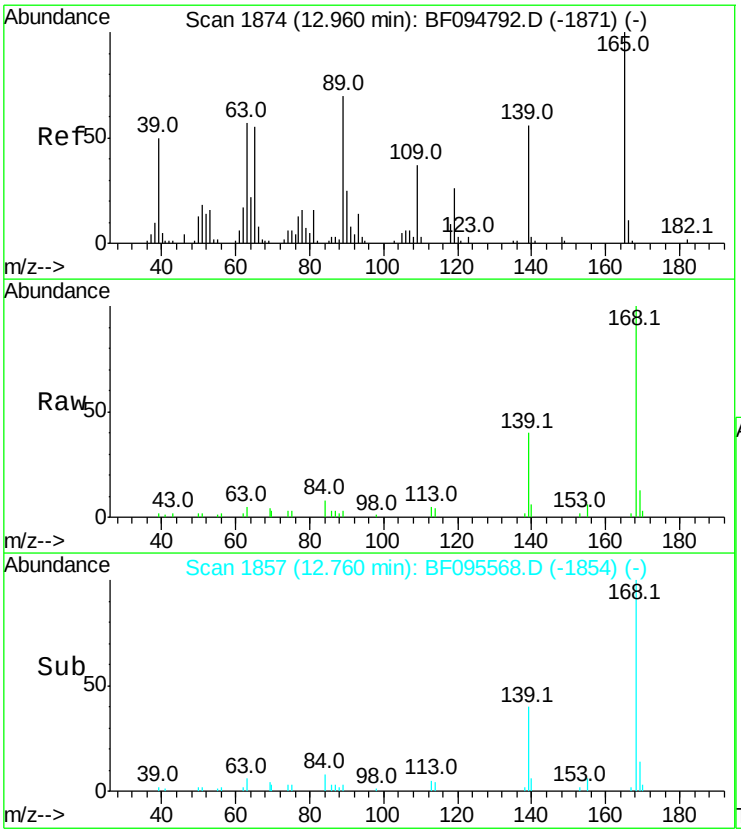
#49
Dimethylphthalate
Concen: 20.53 ng
RT: 12.05 min Scan# 1736
Delta R.T. -0.19 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 382845

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.1	8.4	12.6

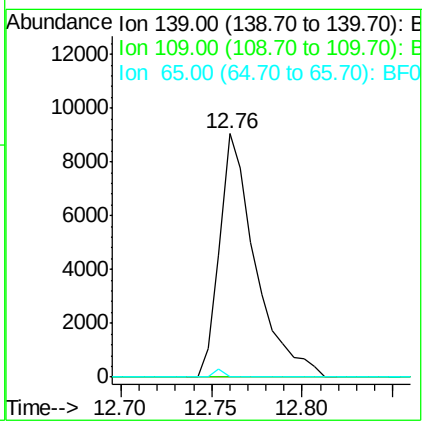


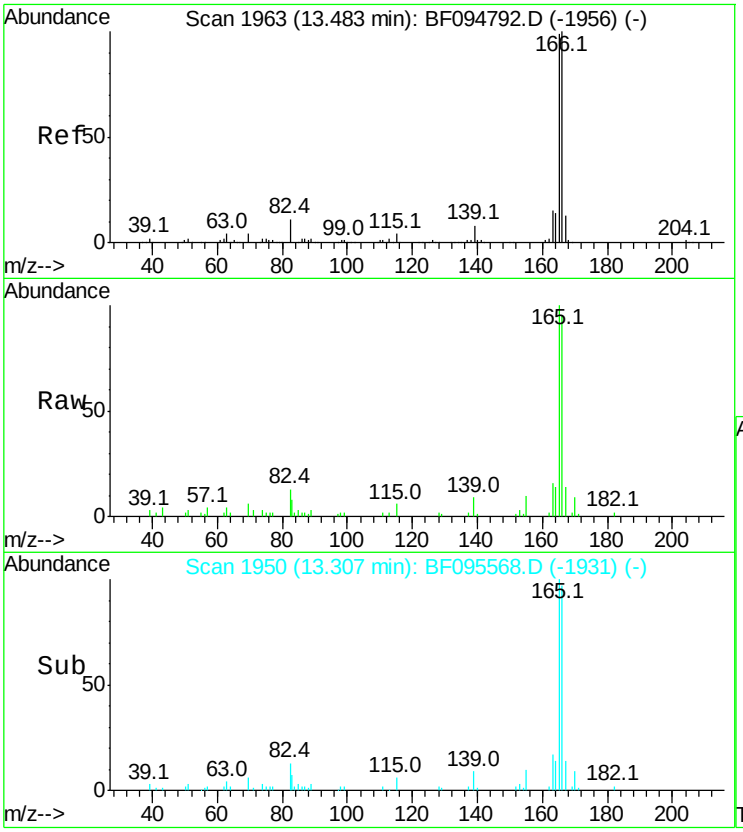


#55
4-Nitrophenol
Concen: 5.07 ng
RT: 12.76 min Scan# 1857
Delta R.T. -0.28 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:139 Resp: 12431

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#



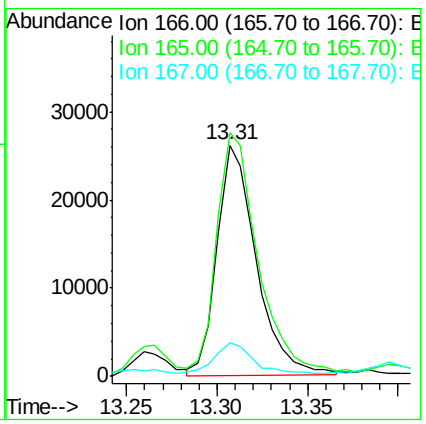


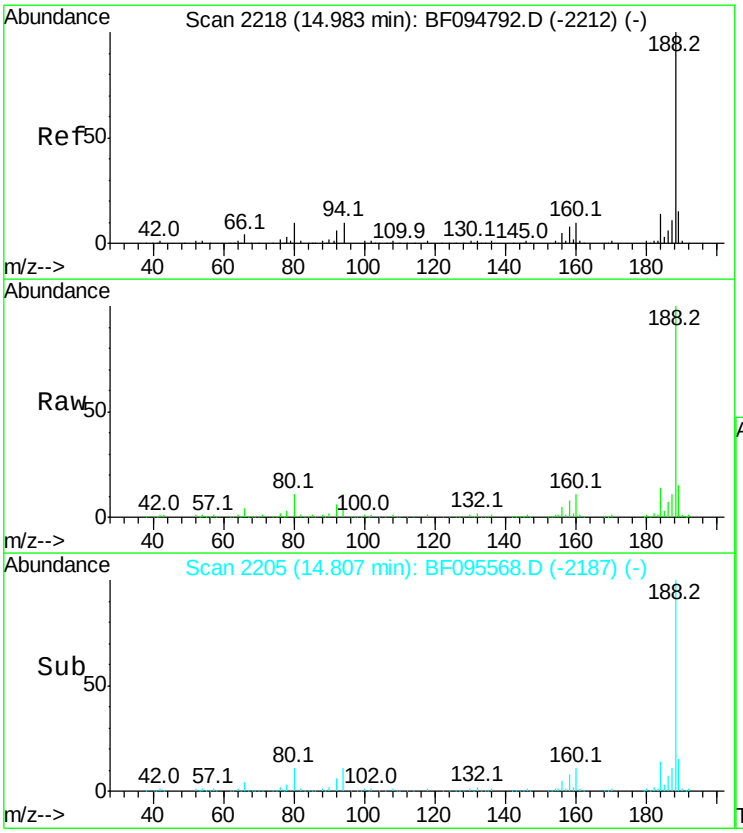
#57
Fluorene
Concen: 2.26 ng
RT: 13.31 min Scan# 1950
Delta R.T. -0.19 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 39232

Ion	Ratio	Lower	Upper
166	100		
165	105.3	78.8	118.2
167	14.5	10.6	16.0

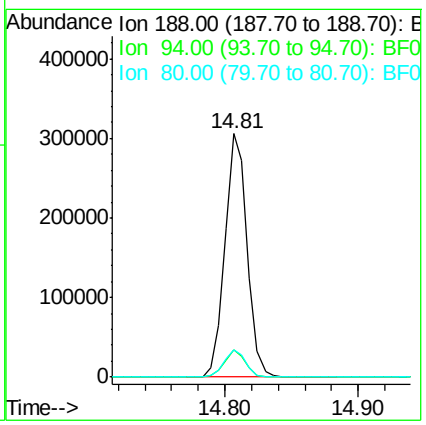


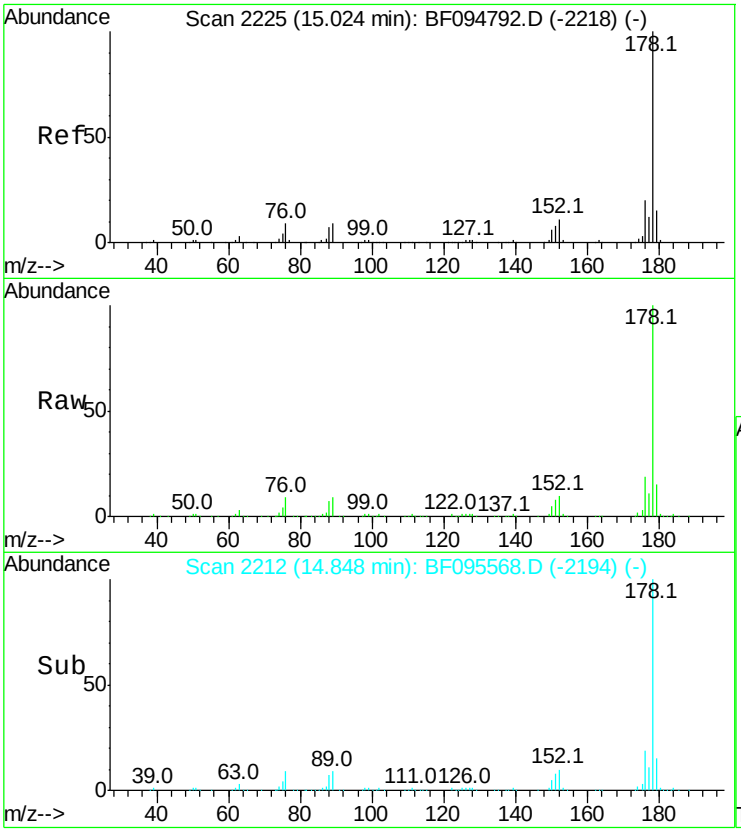


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2205
Delta R.T. -0.19 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:188 Resp: 357327

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.0	10.2	15.2



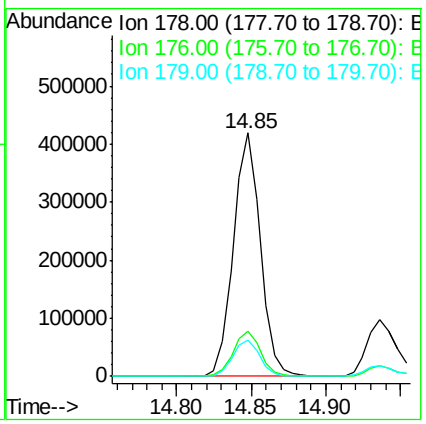


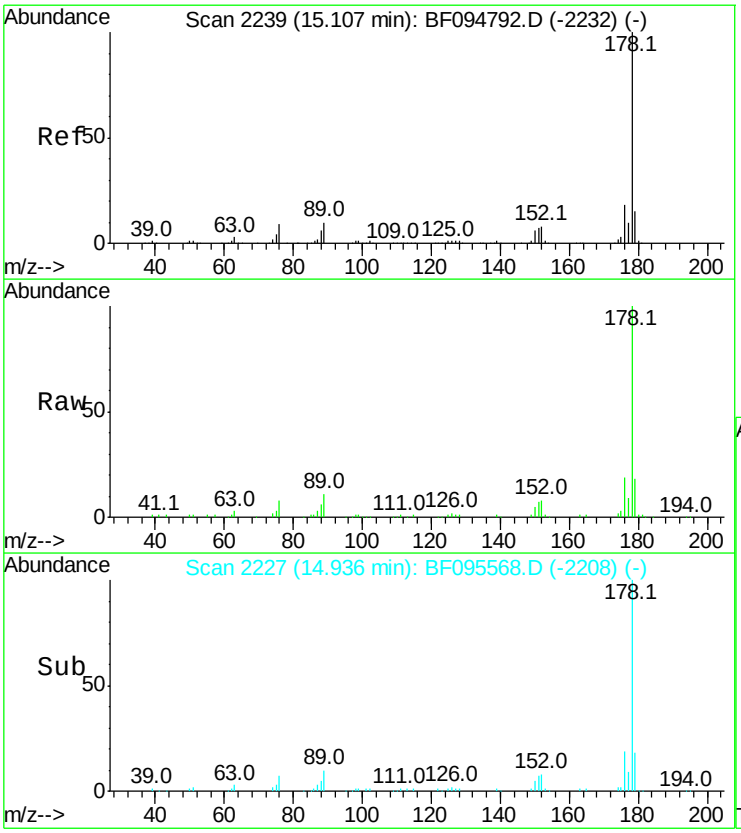
#70
Phenanthrene
Concen: 25.86 ng
RT: 14.85 min Scan# 2212
Delta R.T. -0.19 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 530896

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.1	12.6	19.0

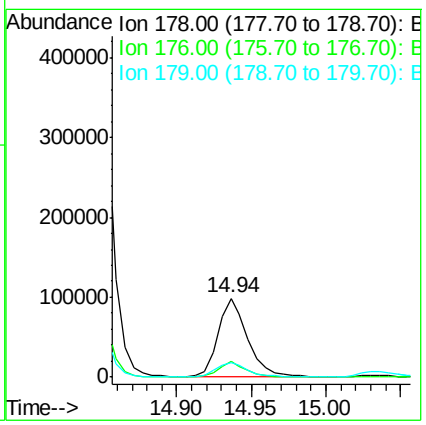


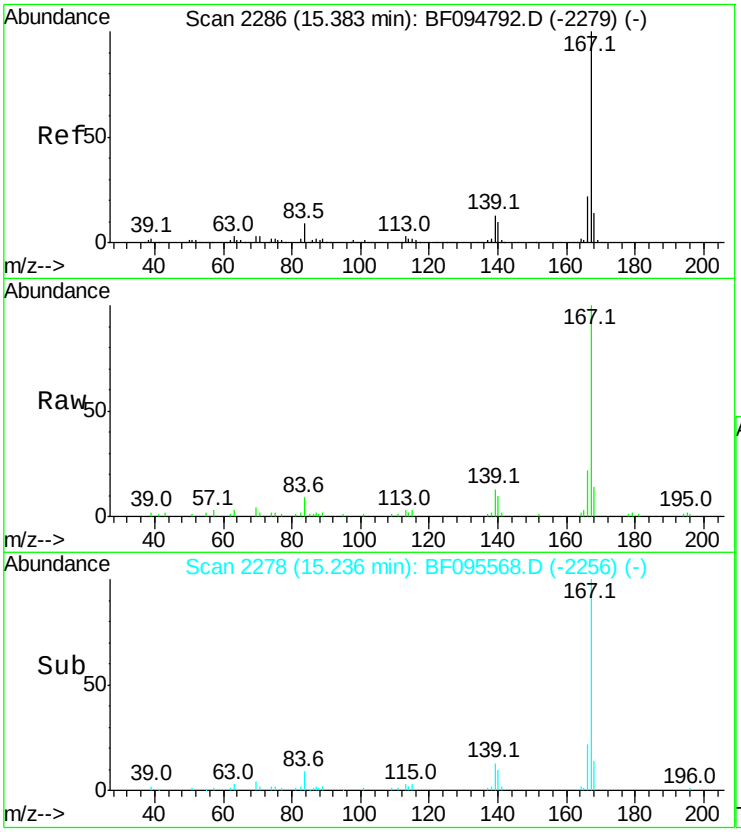


#71
Anthracene
Concen: 6.48 ng
RT: 14.94 min Scan# 2227
Delta R.T. -0.19 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:178 Resp: 135864

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	18.2	12.7	19.1



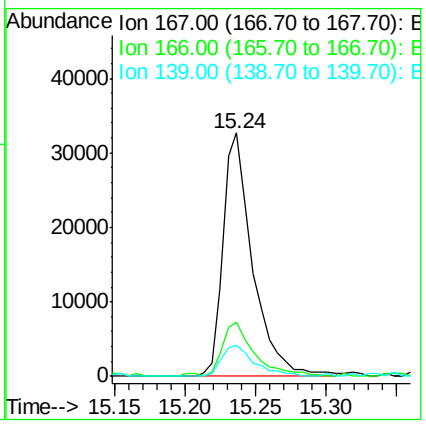


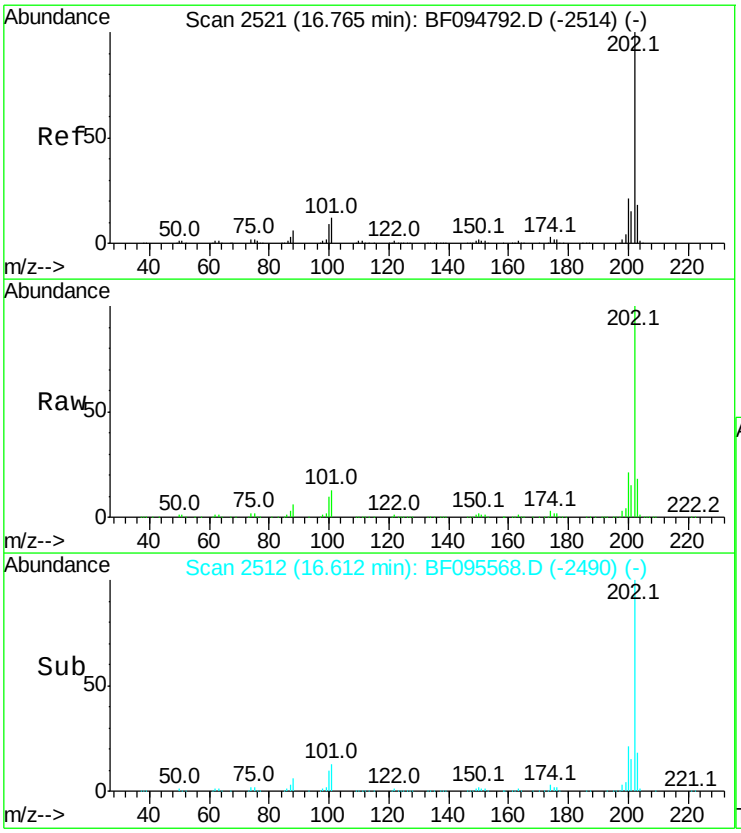
#72
Carbazole
Concen: 2.50 ng
RT: 15.24 min Scan# 2278
Delta R.T. -0.17 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 47678

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	12.7	11.7	17.5

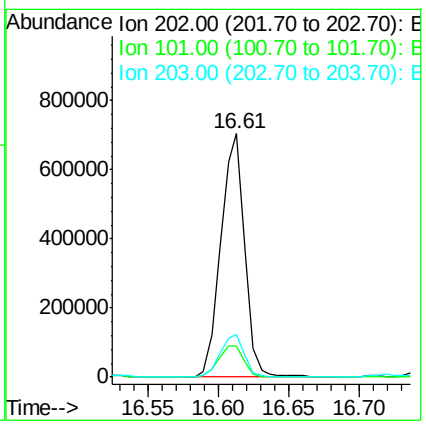


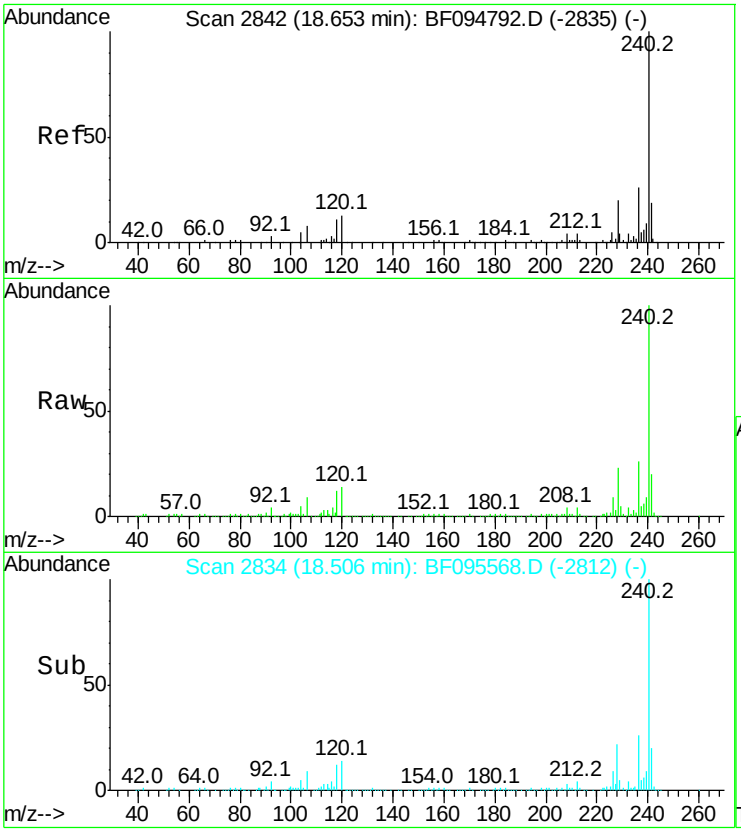


#74
Fluoranthene
Concen: 39.11 ng
RT: 16.61 min Scan# 2512
Delta R.T. -0.17 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:202 Resp: 823595

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.7	0.0	38.1



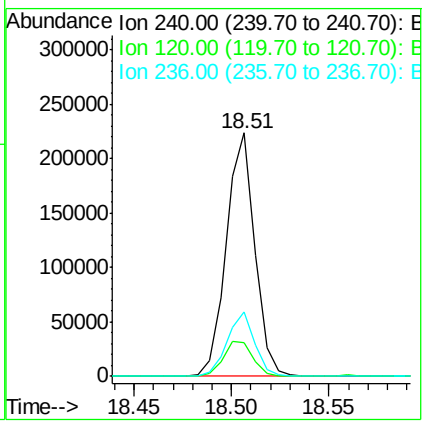


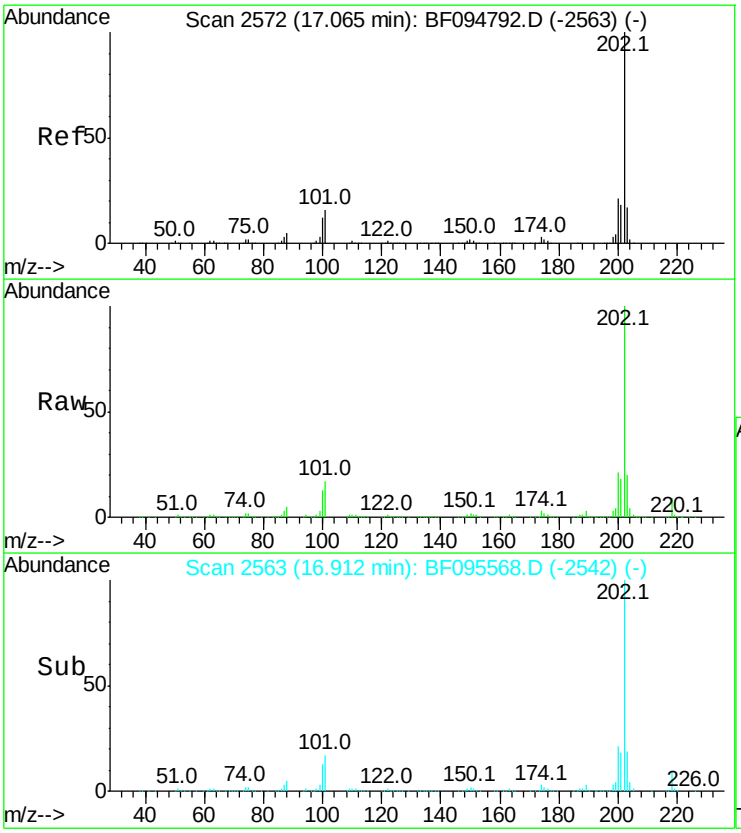
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 2834
Delta R.T. -0.17 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 227311

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	26.5	20.5	30.7

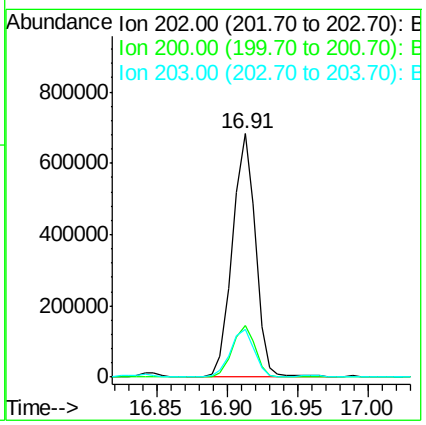


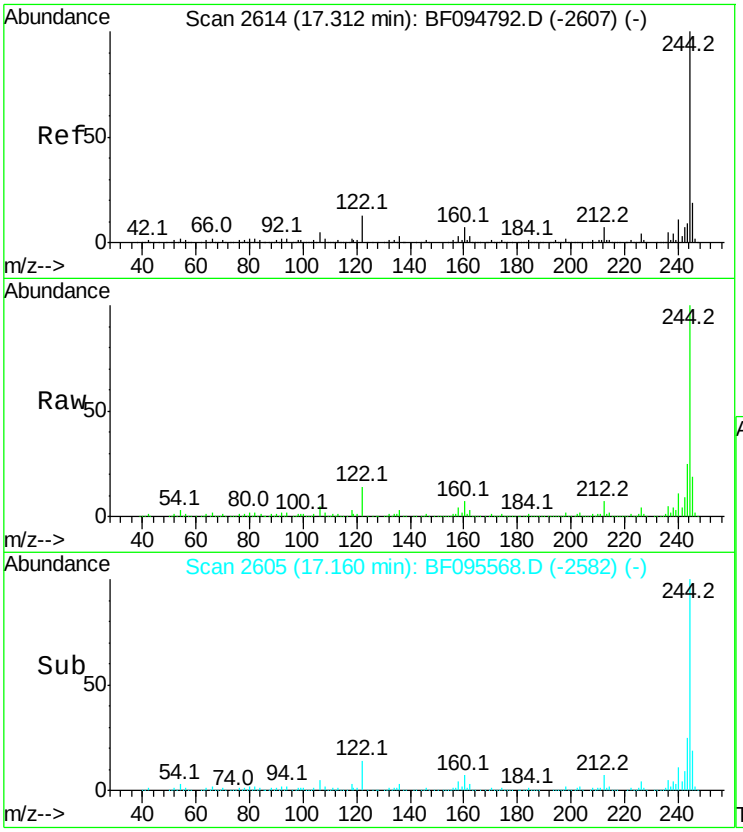


#77
Pyrene
Concen: 45.30 ng
RT: 16.91 min Scan# 2563
Delta R.T. -0.18 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:202 Resp: 770194

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	19.7	14.4	21.6



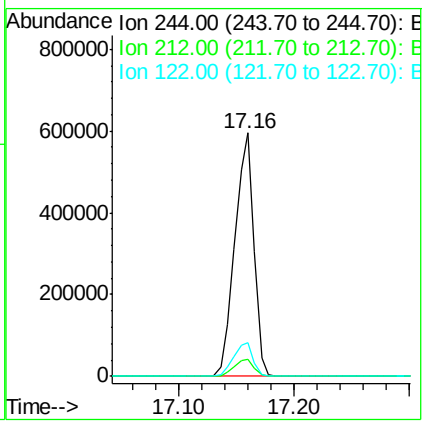


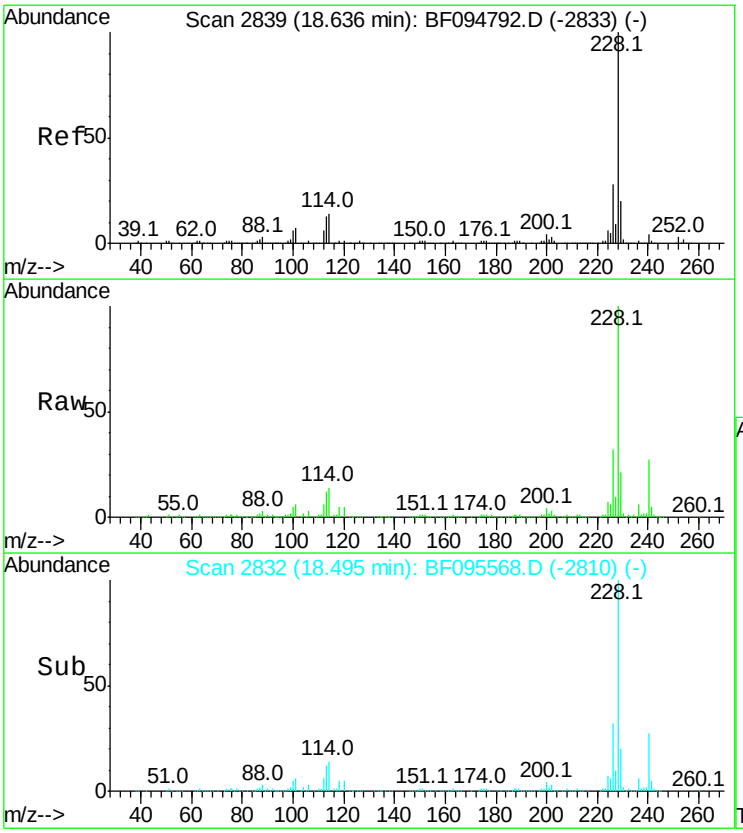
#78
Terphenyl-d14
Concen: 65.93 ng
RT: 17.16 min Scan# 2605
Delta R.T. -0.16 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 680460

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.8	10.3	15.5

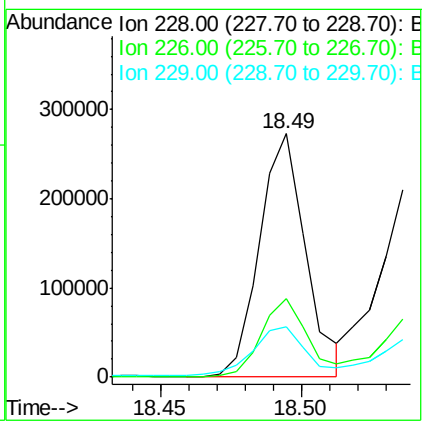


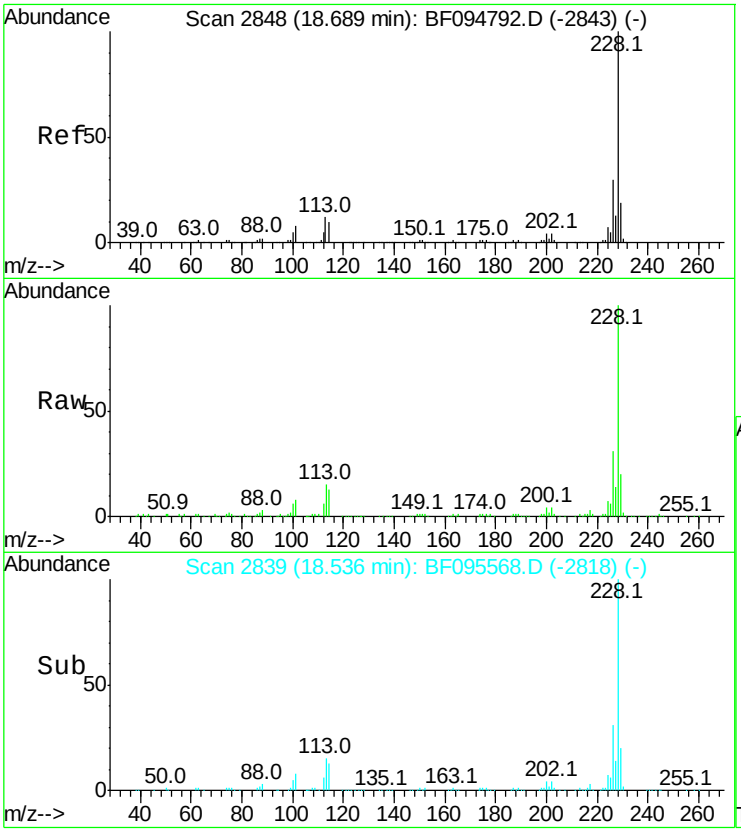


#80
Benzo(a)anthracene
Concen: 23.26 ng
RT: 18.49 min Scan# 2832
Delta R.T. -0.17 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:228 Resp: 307658

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	20.8	16.3	24.5



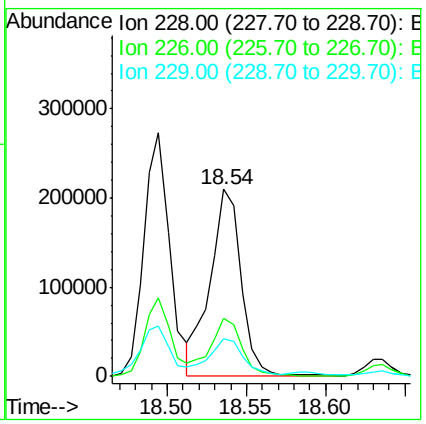


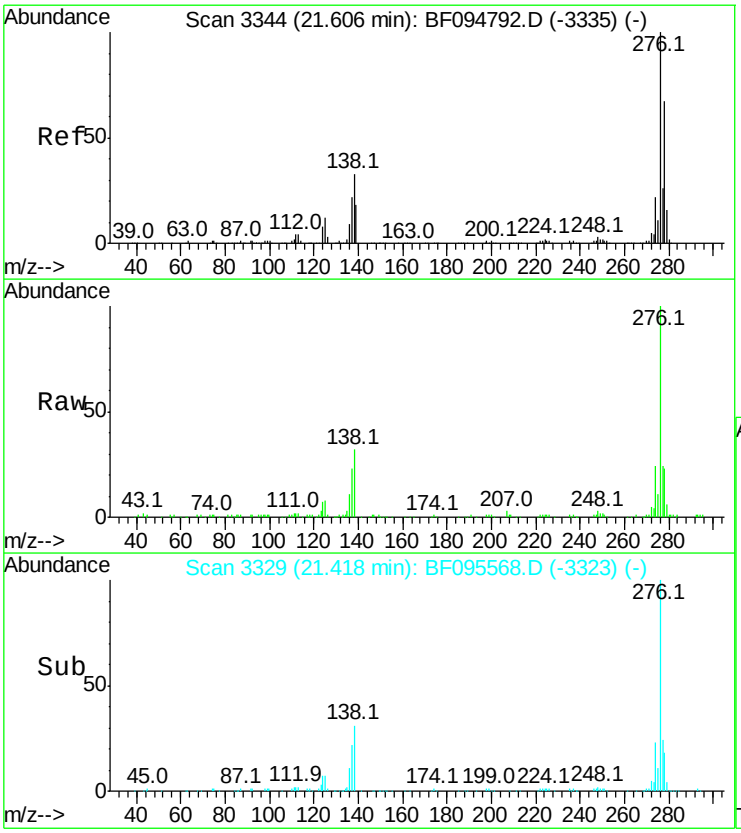
#82
Chrysene
Concen: 22.24 ng
RT: 18.54 min Scan# 2839
Delta R.T. -0.18 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 284460

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.1	15.8	23.6

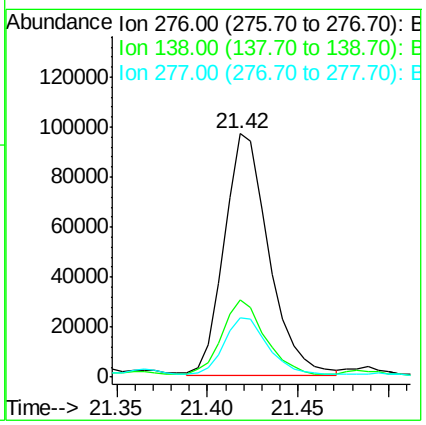


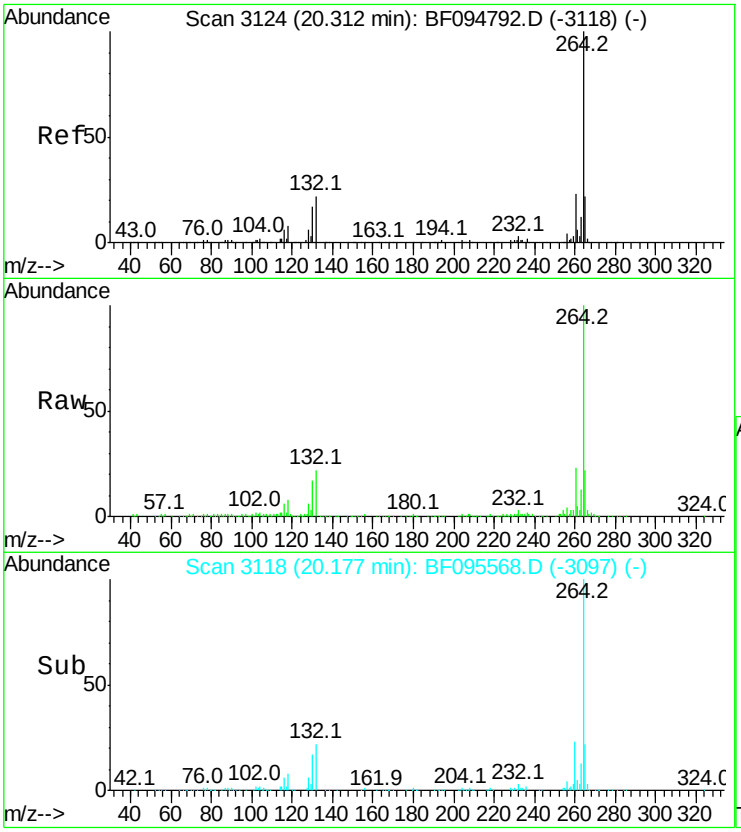


#85
Indeno(1,2,3-cd)pyrene
Concen: 15.88 ng
RT: 21.42 min Scan# 3329
Delta R.T. -0.26 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:276 Resp: 164958

Ion	Ratio	Lower	Upper
276	100		
138	29.9	27.8	41.6
277	24.2	20.2	30.4



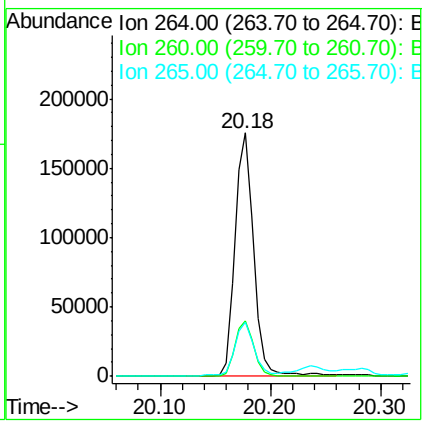


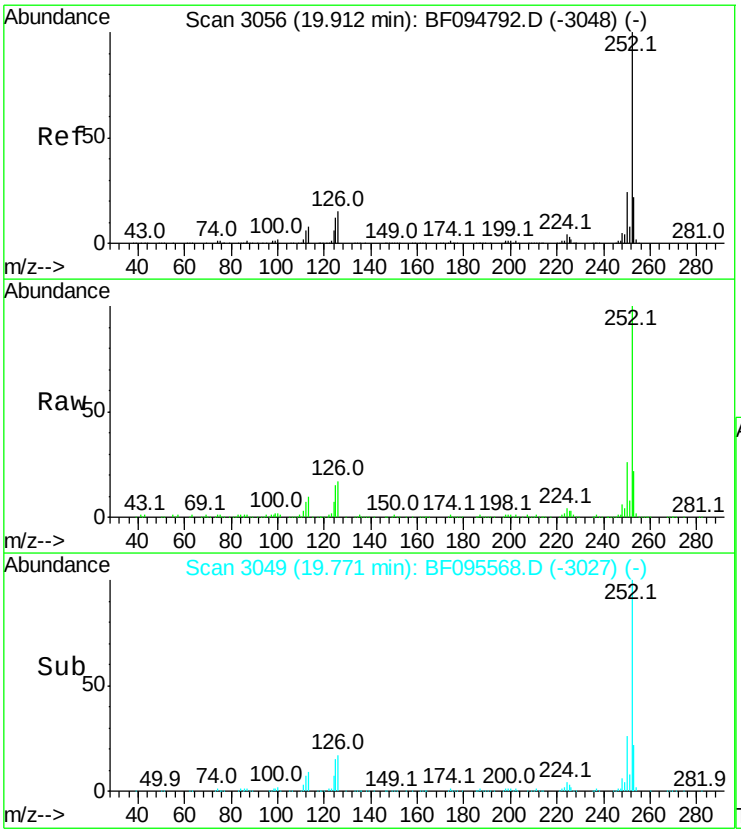
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3118
Delta R.T. -0.18 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 209993

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.3	17.2	25.8

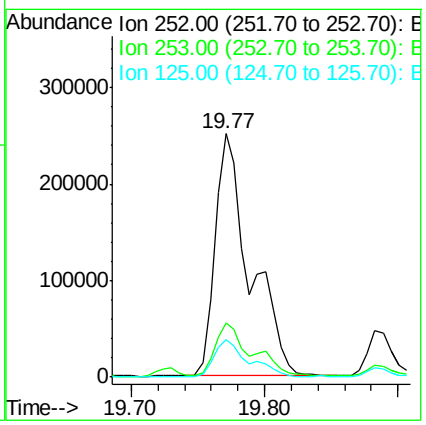


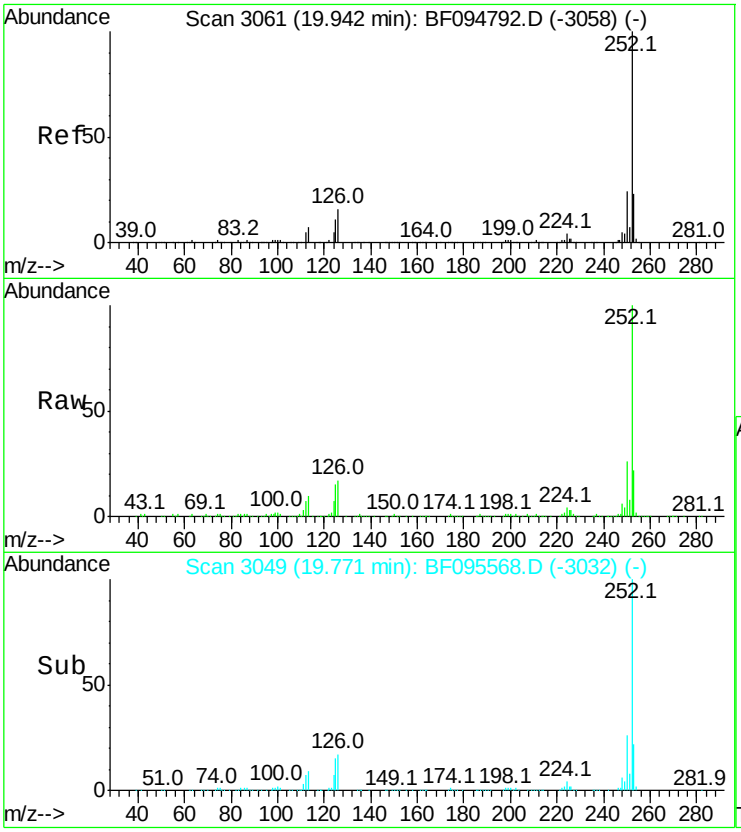


#87
Benzo(b)fluoranthene
Concen: 35.40 ng
RT: 19.77 min Scan# 3049
Delta R.T. -0.17 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:252 Resp: 459373

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	15.3	9.8	14.8#



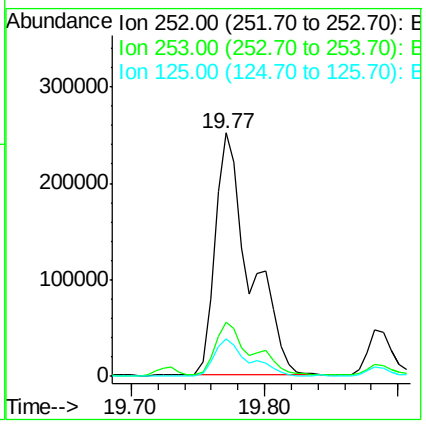


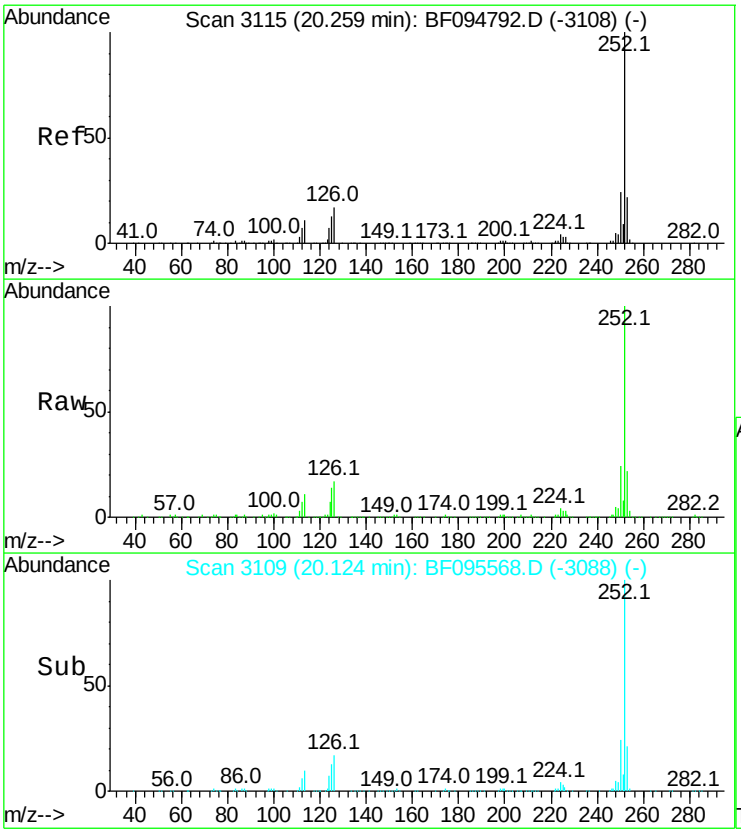
#88
Benzo(k)fluoranthene
Concen: 36.70 ng
RT: 19.77 min Scan# 3049
Delta R.T. -0.20 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 459373

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	15.3	13.1	19.7

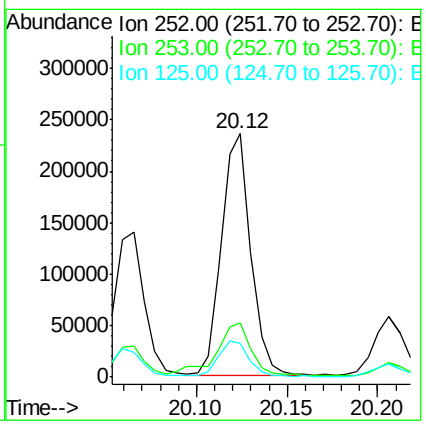


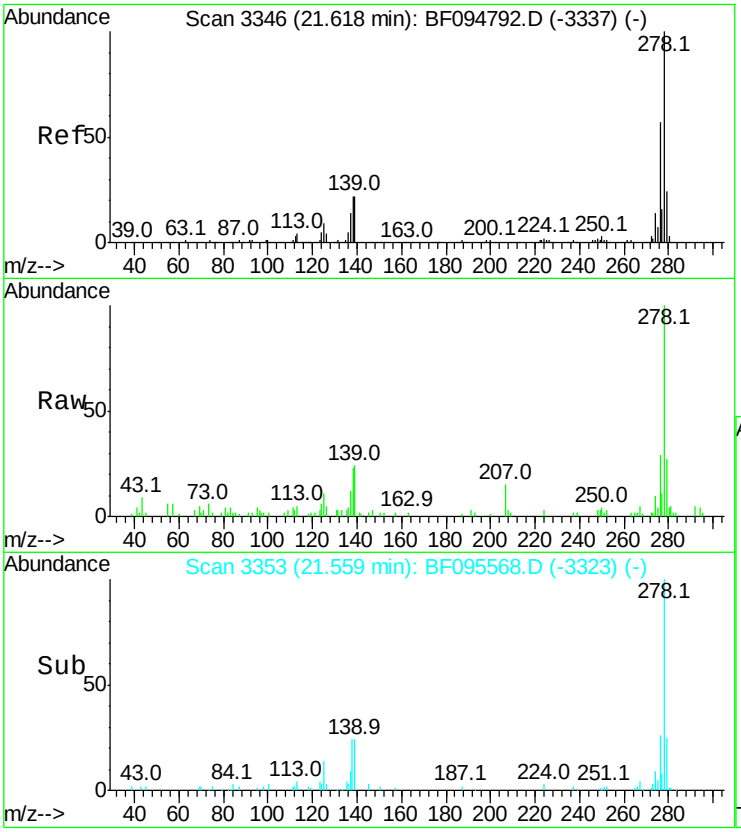


#89
Benzo(a)pyrene
Concen: 22.17 ng
RT: 20.12 min Scan# 3109
Delta R.T. -0.18 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:252 Resp: 265501

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	13.8	11.0	16.4



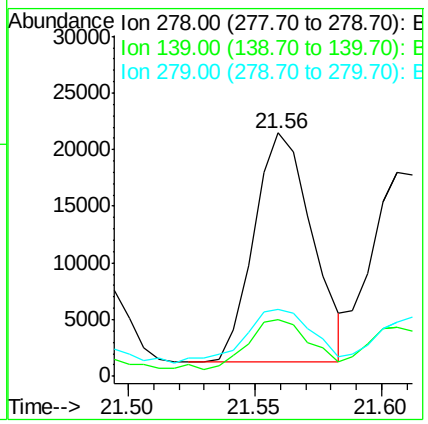


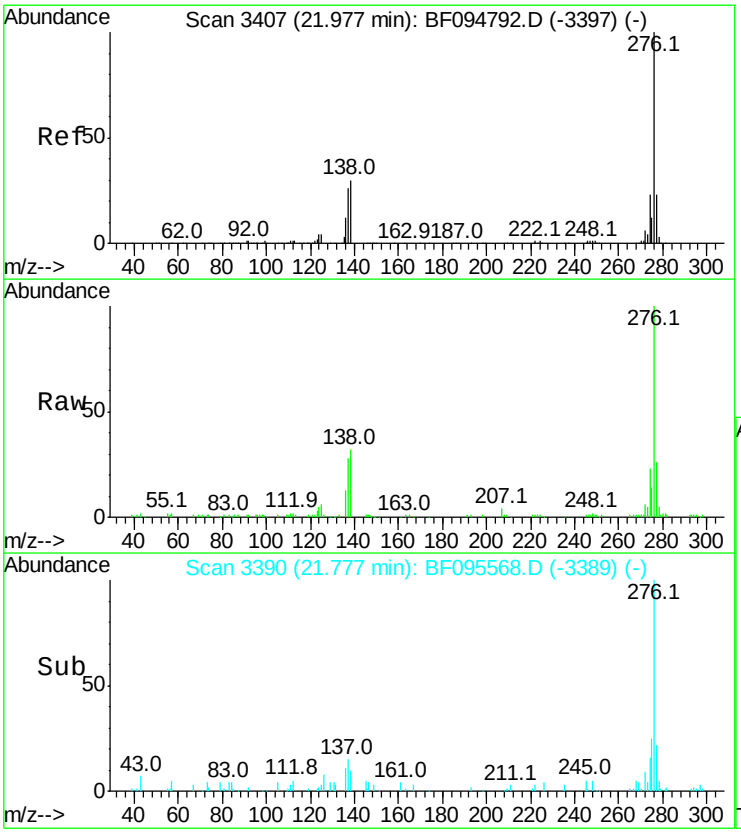
#90
Dibenzo(a,h)anthracene
Concen: 3.28 ng
RT: 21.56 min Scan# 3353
Delta R.T. -0.12 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 32477

Ion	Ratio	Lower	Upper
278	100		
139	23.5	16.6	24.8
279	27.4	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 15.41 ng
RT: 21.78 min Scan# 3390
Delta R.T. -0.29 min
Lab File: BF095568.D
Acq: 31 May 2017 17:27

Tgt Ion:276 Resp: 149532

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.6	28.0
138	32.0	25.4	38.0