Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099931.D
Acq On : 28 Oct 2017 21:42
Operator : SJ/JU
Sample : I6169-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 02:02:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	97060	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	365816	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	144180	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	198942	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	161776	20.00	ng		-0.02
86) Perylene-d12	15.43	264	164045	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	35864	5.80	ng		0.01
7) Phenol-d6	6.45	99	47196	6.44	ng		0.00
23) Nitrobenzene-d5	7.36	82	25698	4.52	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	5843	4.45	ng		-0.02
44) 2-Fluorobiphenyl	9.14	172	60249	6.45	ng		-0.02
78) Terphenyl-d14	12.89	244	36759	4.97	ng		-0.03
Target Compounds							Qvalue
25) Isophorone	7.36	82	25698	2.492	ng	#	64
31) Naphthalene	8.09	128	494930	28.028	ng		99
33) 4-Chloroaniline	8.09	127	64906	8.901	ng	#	34
35) Caprolactam	8.78	113	3561	2.256	ng	#	1
37) 2-Methylnaphthalene	8.78	142	190552	16.103	ng		97
45) 1,1'-Biphenyl	9.25	154	40731	3.123	ng		96
48) Acenaphthylene	9.69	152	65699	4.503	ng		99
50) 2,6-Dinitrotoluene	9.82	165	24254	10.105	ng	#	24
51) Acenaphthene	9.86	154	231919	26.016	ng		98
54) Dibenzofuran	10.03	168	240590	19.120	ng		99
55) 4-Nitrophenol	10.03	139	84715	57.326	ng	#	10
57) Fluorene	10.37	166	340369	32.669	ng		99
70) Phenanthrene	11.34	178	1408457	125.450	ng		99
71) Anthracene	11.39	178	529564	46.468	ng		99
72) Carbazole	11.55	167	151989	14.182	ng		98
74) Fluoranthene	12.54	202	1430529	122.606	ng		97
77) Pyrene	12.77	202	1260202	102.444	ng		99
80) Benzo(a)anthracene	13.96	228	715841	69.801	ng		98
82) Chrysene	14.00	228	610114	63.280	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	246876	27.892	ng		97
87) Benzo(b)fluoranthene	15.02	252	1009092	97.415	ng	#	94
88) Benzo(k)fluoranthene	15.02	252	1009092	103.307	ng		97
89) Benzo(a)pyrene	15.38	252	538668	57.890	ng		96
90) Dibenzo(a,h)anthracene	17.13	278	38198	4.620	ng		93
91) Benzo(g,h,i)perylene	17.35	276	215472	26.637	ng	#	92

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

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 02:02:37 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
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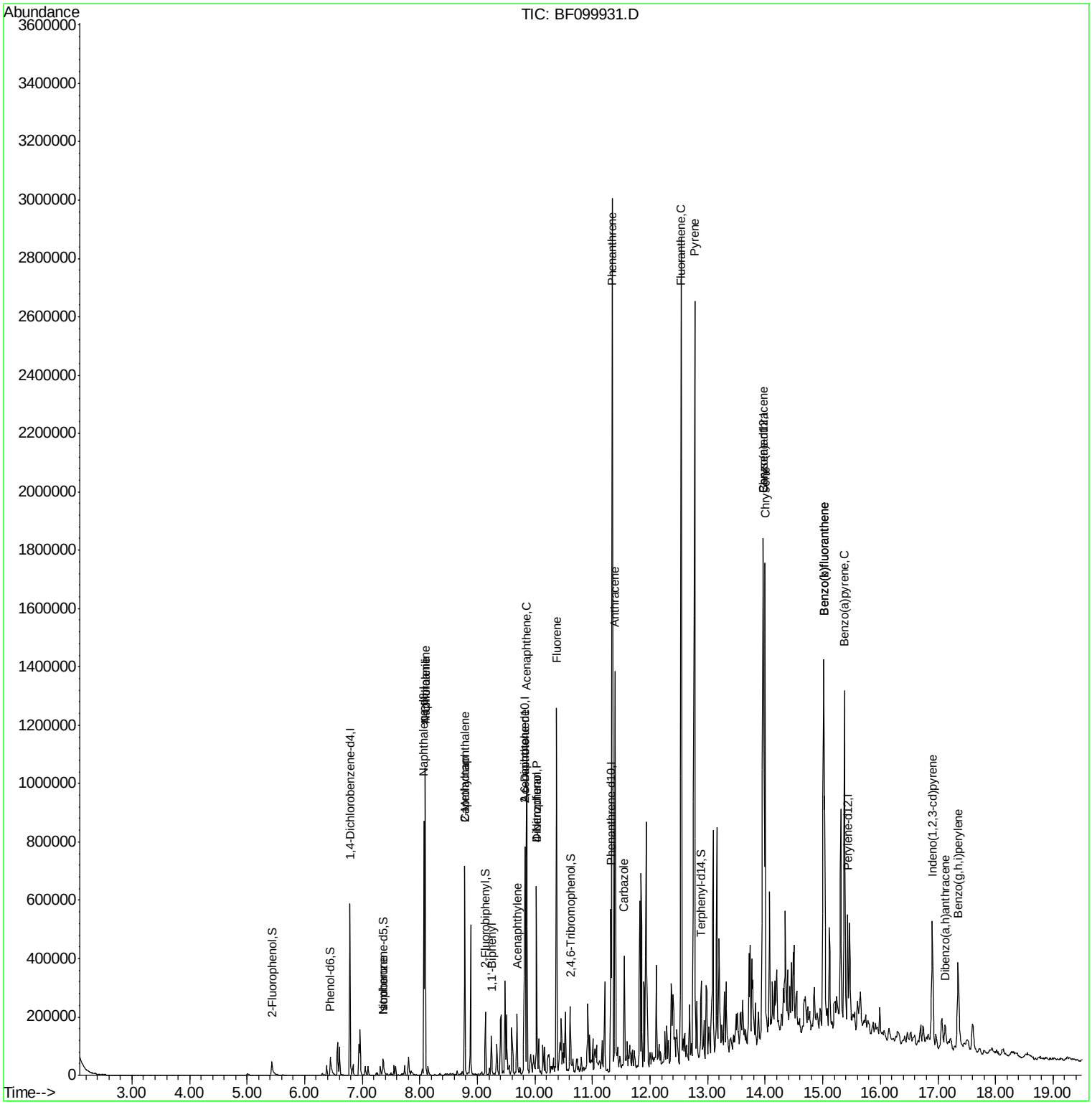
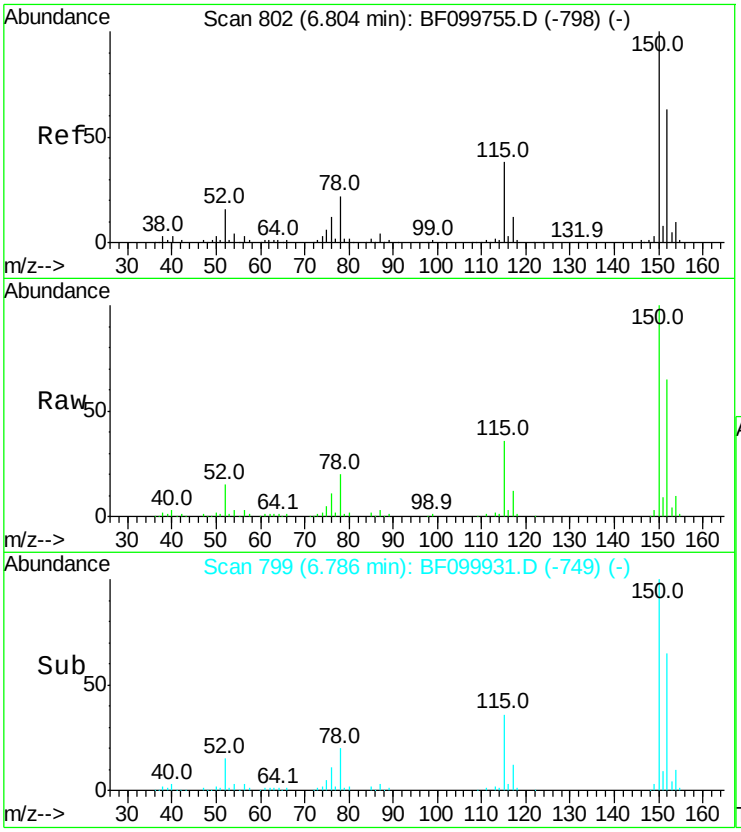


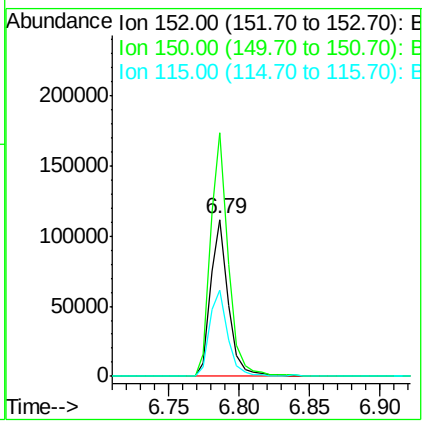


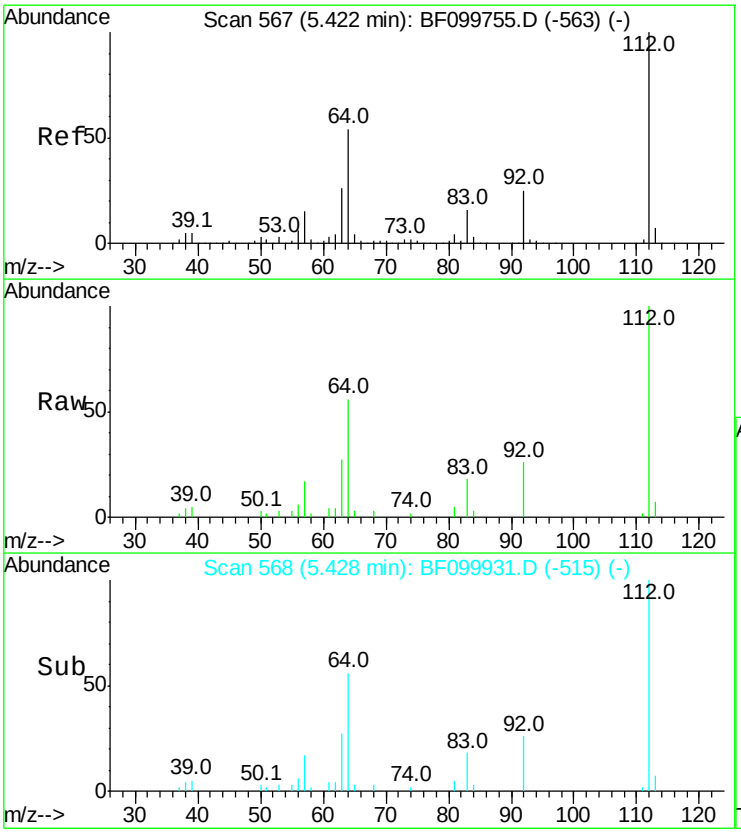
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97060

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	55.0	50.1	75.1

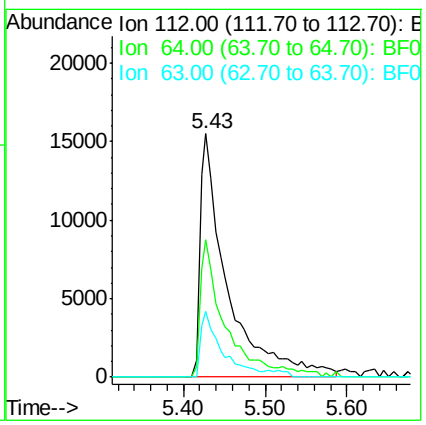


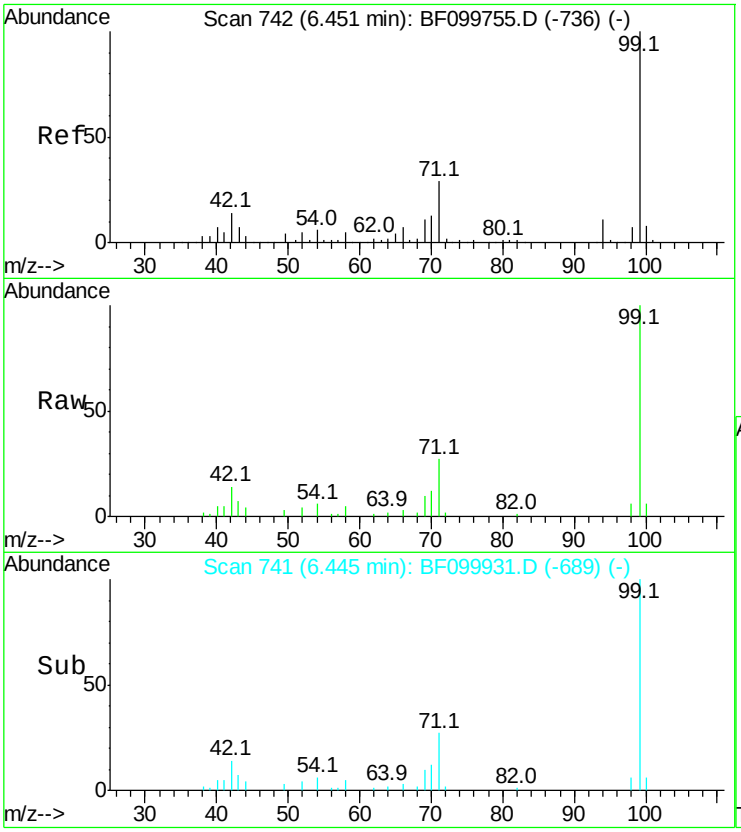


#5
2-Fluorophenol
Concen: 5.801 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:112 Resp: 35864

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	27.0	23.7	35.5



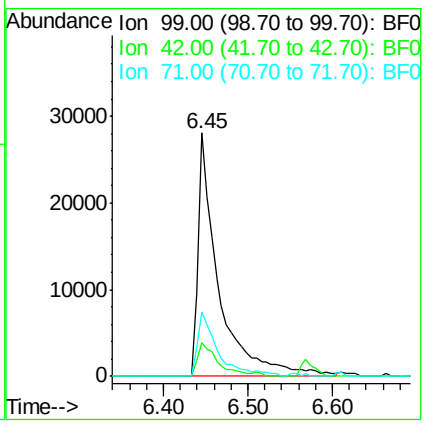


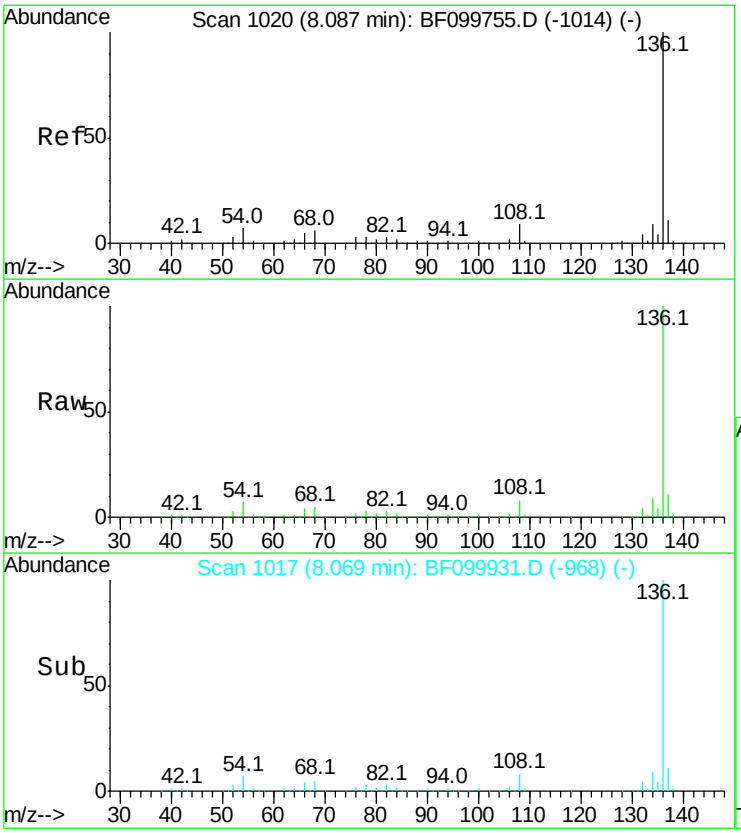
#7
Phenol-d6
Concen: 6.438 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 47196

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.5	21.7#
71	26.6	25.4	38.0

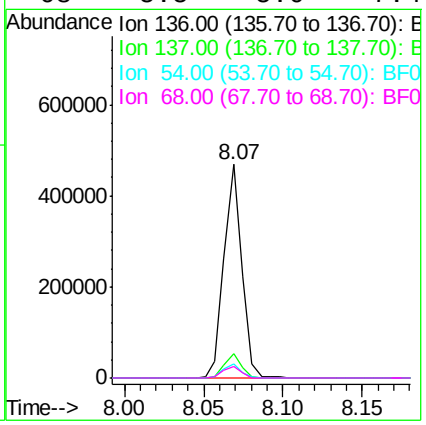


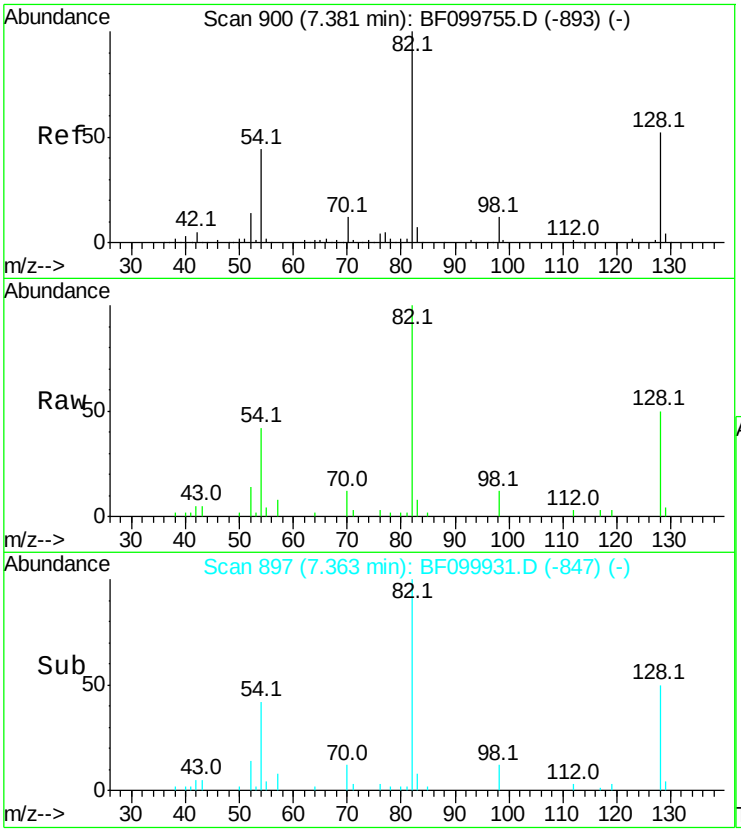


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:136 Resp: 365816

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.5	6.6	9.8#
68	5.5	5.0	7.4



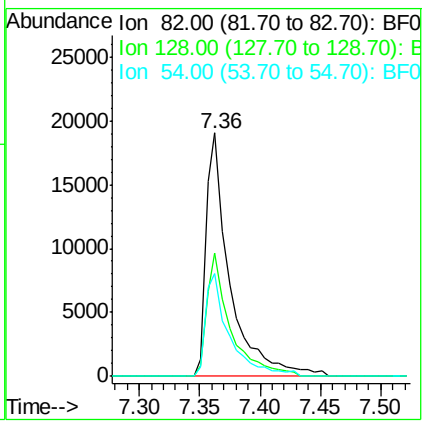


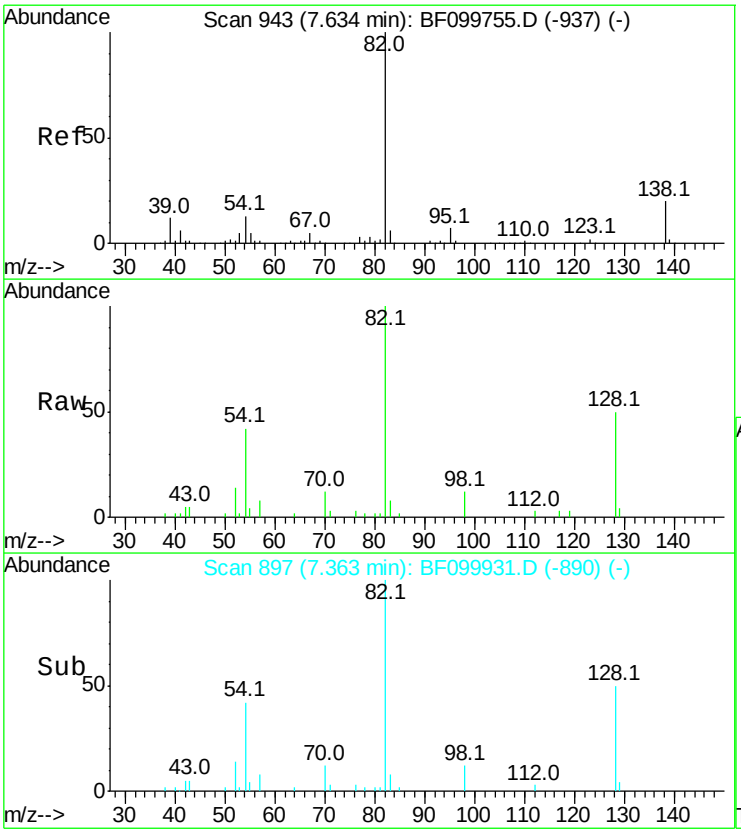
#23
Nitrobenzene-d5
Concen: 4.523 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 25698

Ion	Ratio	Lower	Upper
82	100		
128	50.4	36.1	54.1
54	42.5	41.4	62.2

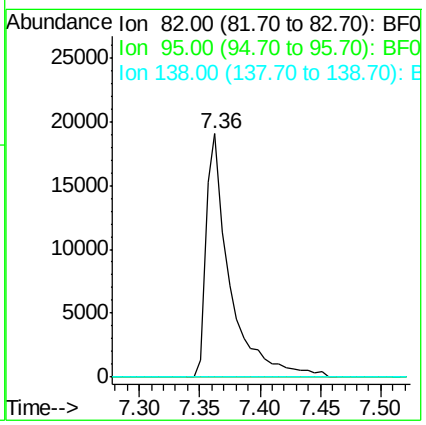


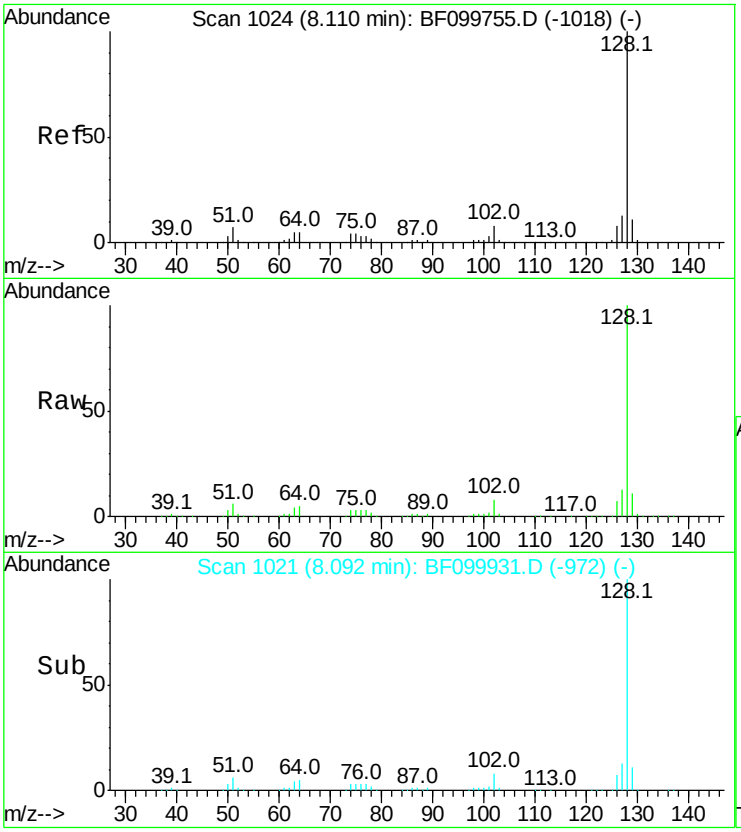


#25
Isophorone
Concen: 2.492 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion: 82 Resp: 25698

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



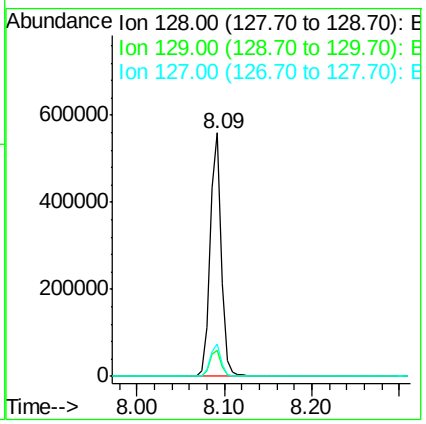


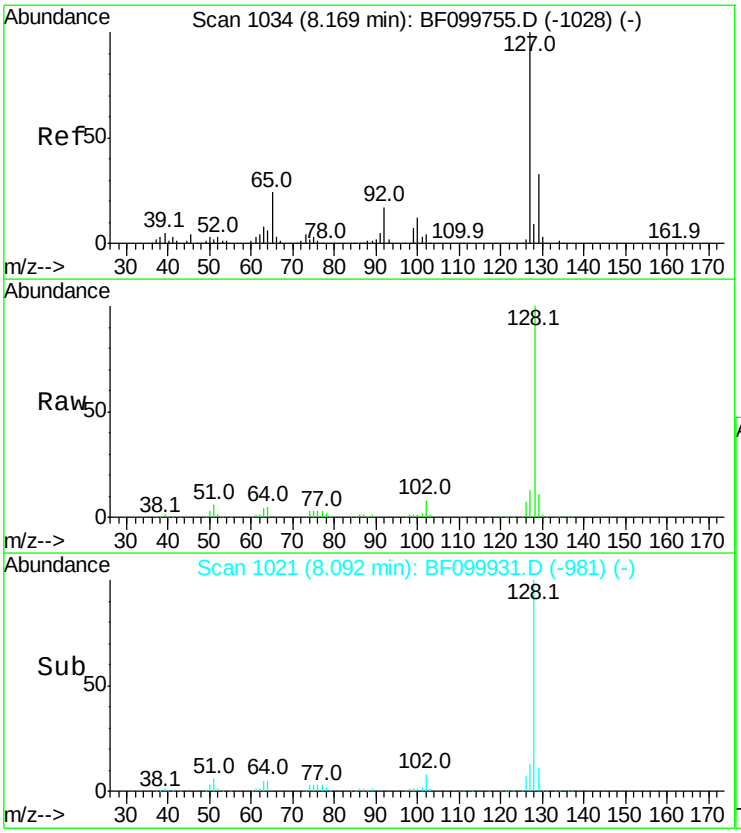
#31
Naphthalene
Concen: 28.028 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 494930

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.2	10.9	16.3

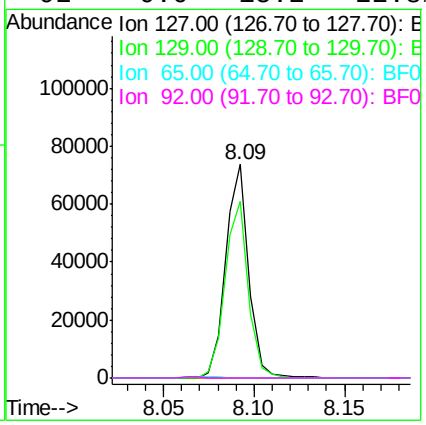


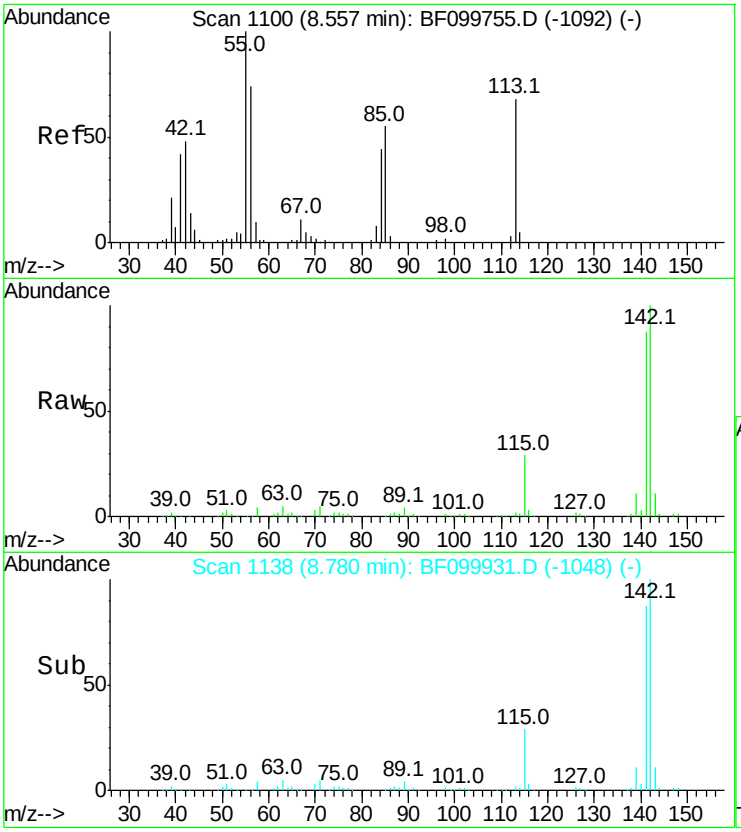


#33
4-Chloroaniline
Concen: 8.901 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:127 Resp: 64906

Ion	Ratio	Lower	Upper
127	100		
129	82.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



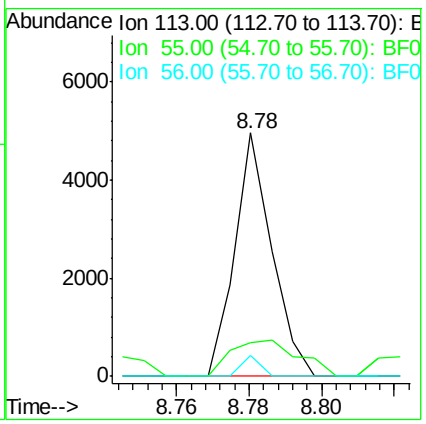


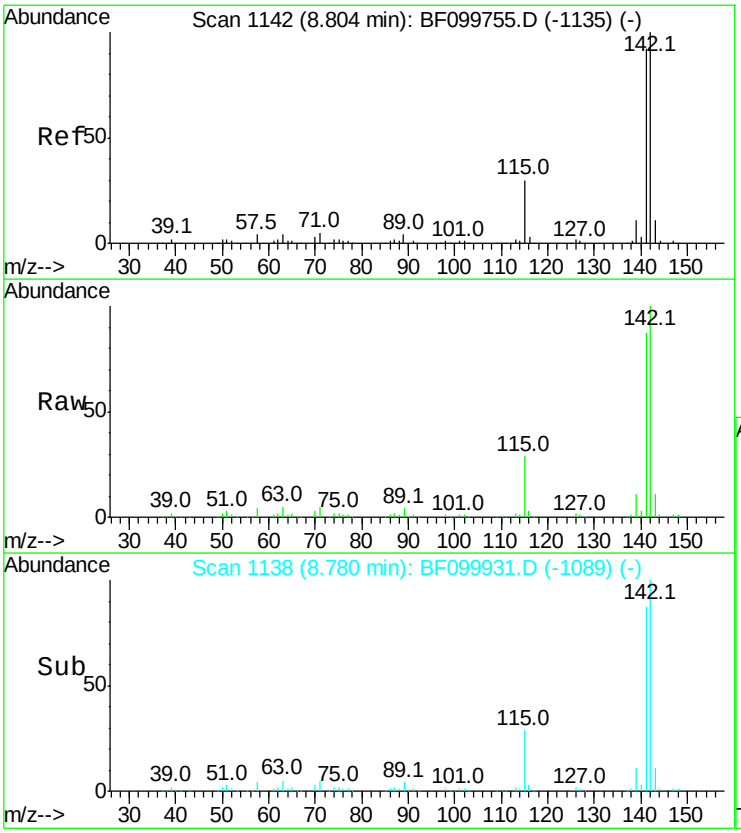
#35
Caprolactam
Concen: 2.256 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.23 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 3561

Ion	Ratio	Lower	Upper
113	100		
55	13.6	163.3	203.3#
56	8.7	115.7	155.7#

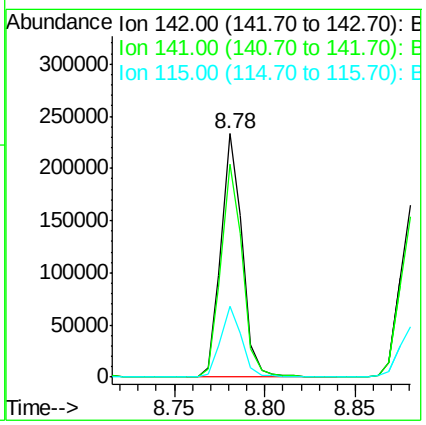


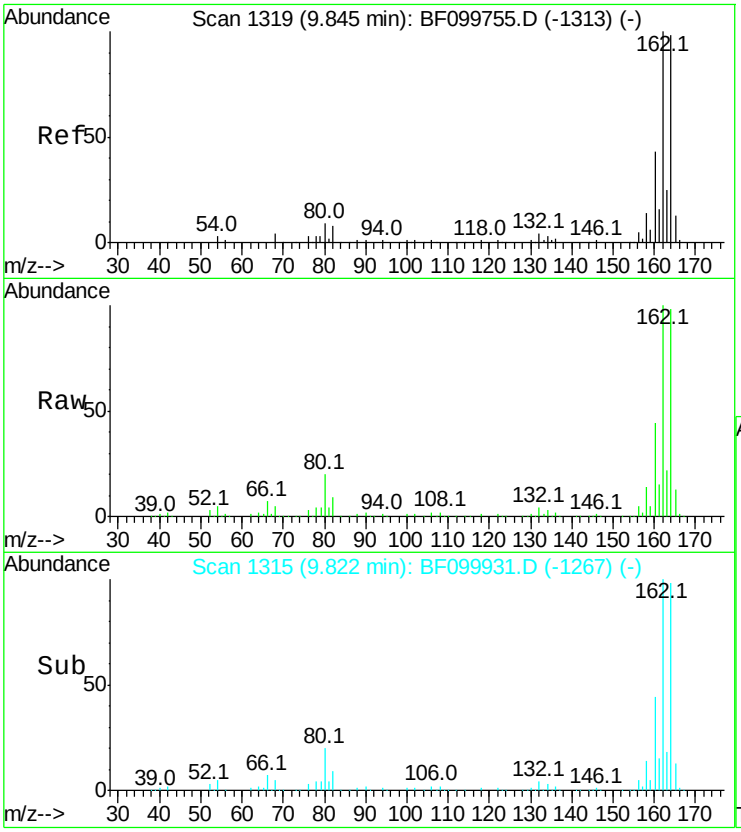


#37
2-Methylnaphthalene
Concen: 16.103 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:142 Resp: 190552

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.8	106.2
115	28.9	26.1	39.1



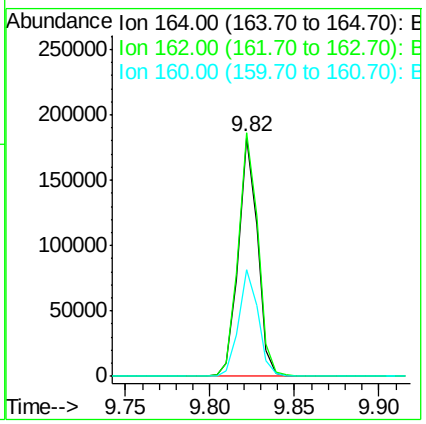


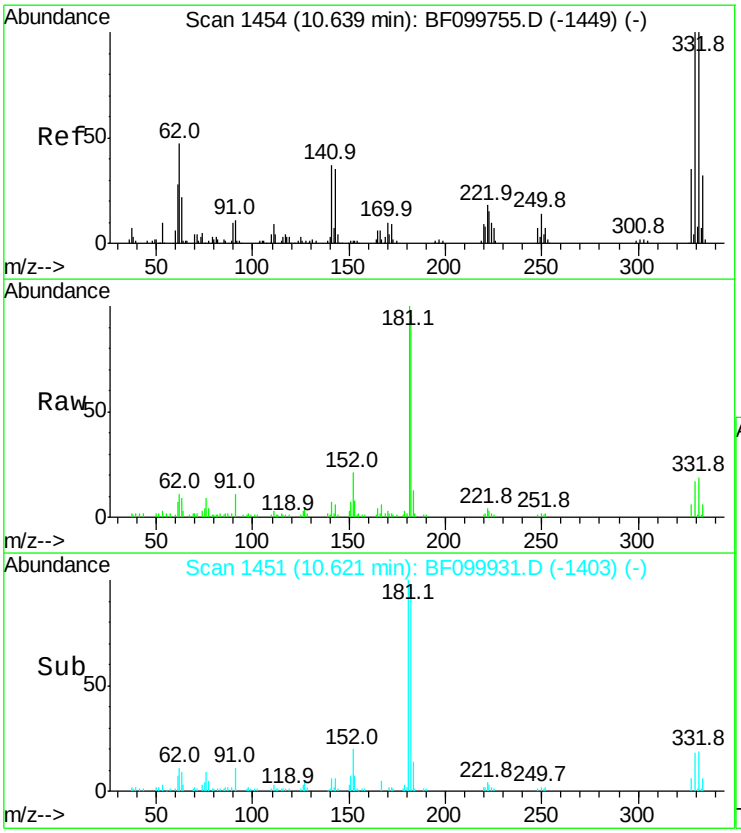
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 144180

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	44.7	38.3	57.5

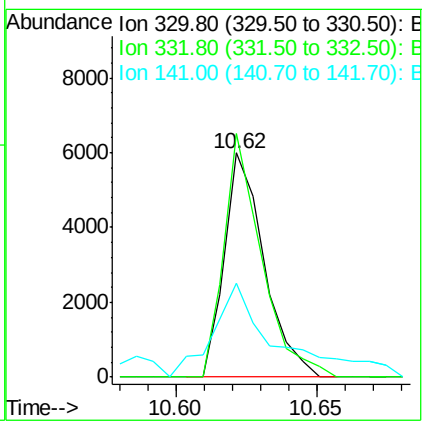


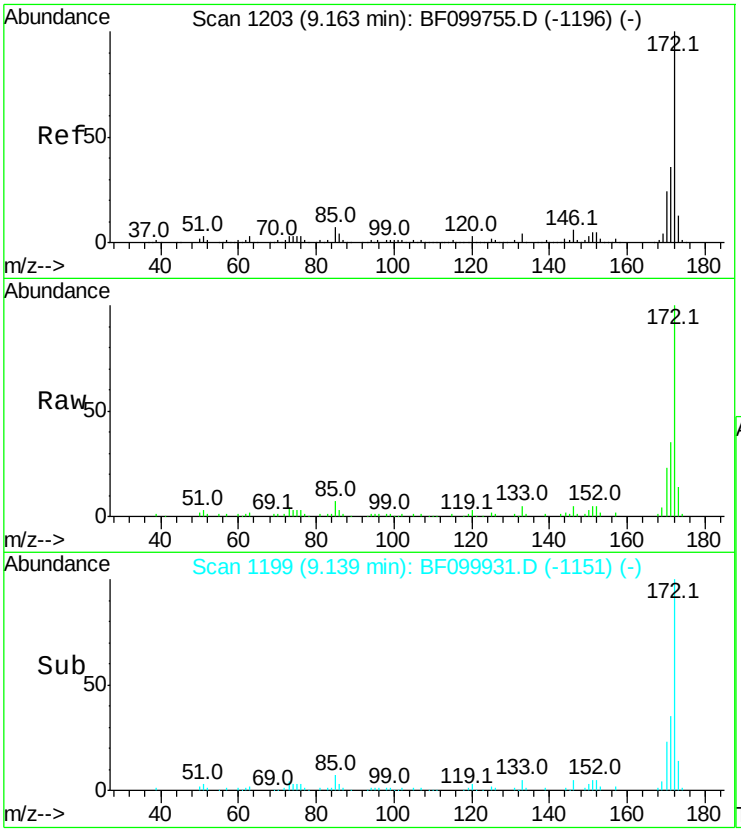


#41
2,4,6-Tribromophenol
Concen: 4.447 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:330 Resp: 5843

Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.6
141	67.6	29.9	44.9#



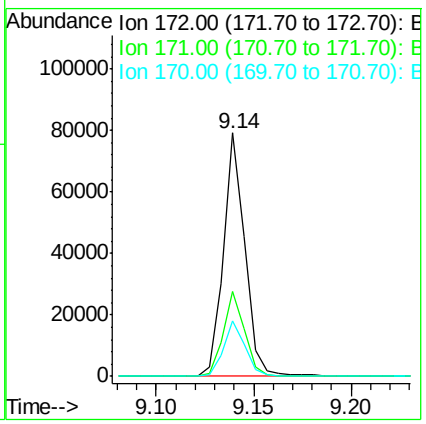


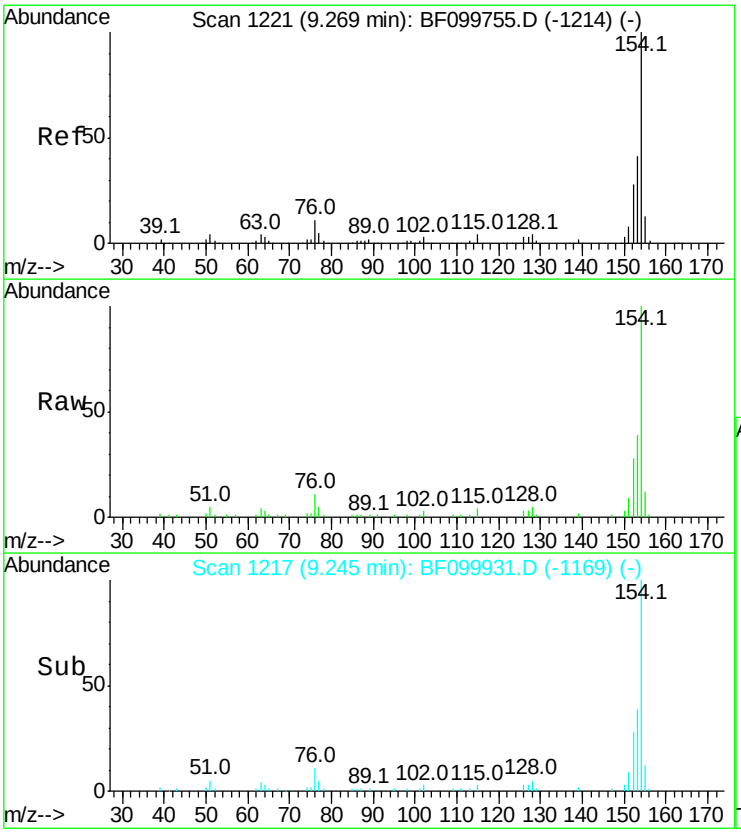
#44
2-Fluorobiphenyl
Concen: 6.447 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 60249

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	22.8	19.6	29.4

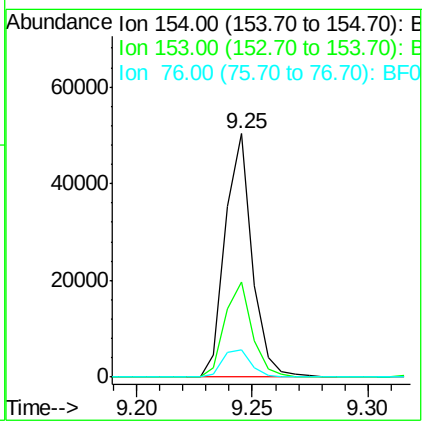


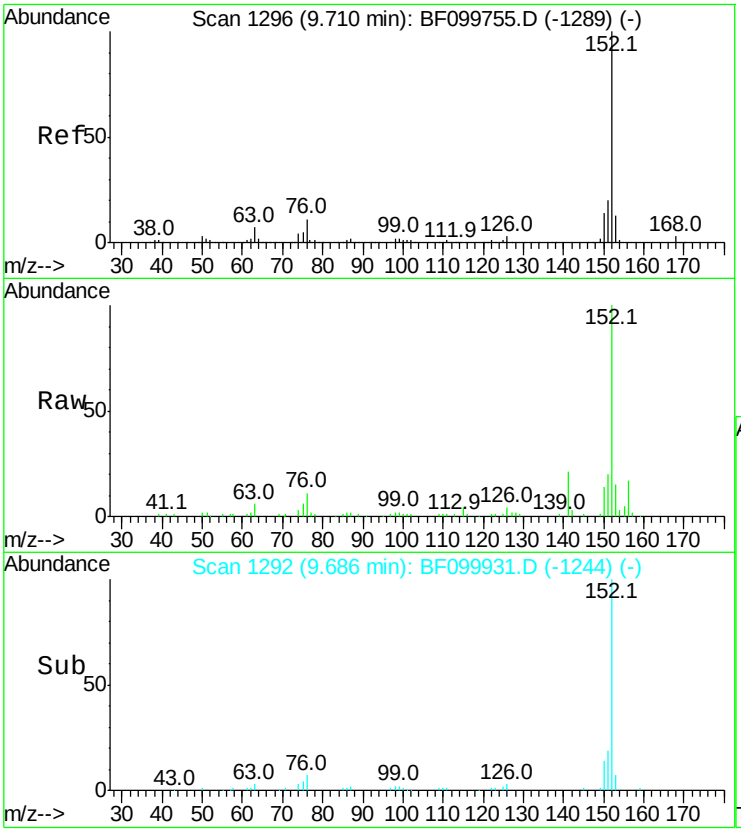


#45
1,1'-Biphenyl
Concen: 3.123 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:154 Resp: 40731

Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.3	61.3
76	11.0	0.0	34.0



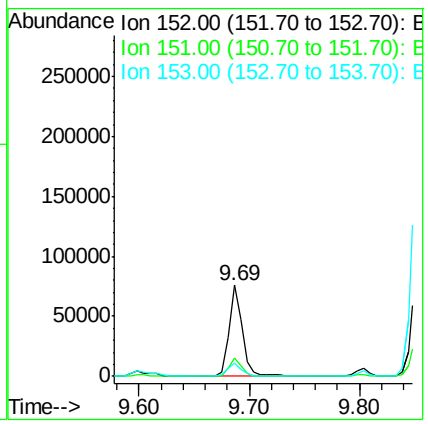


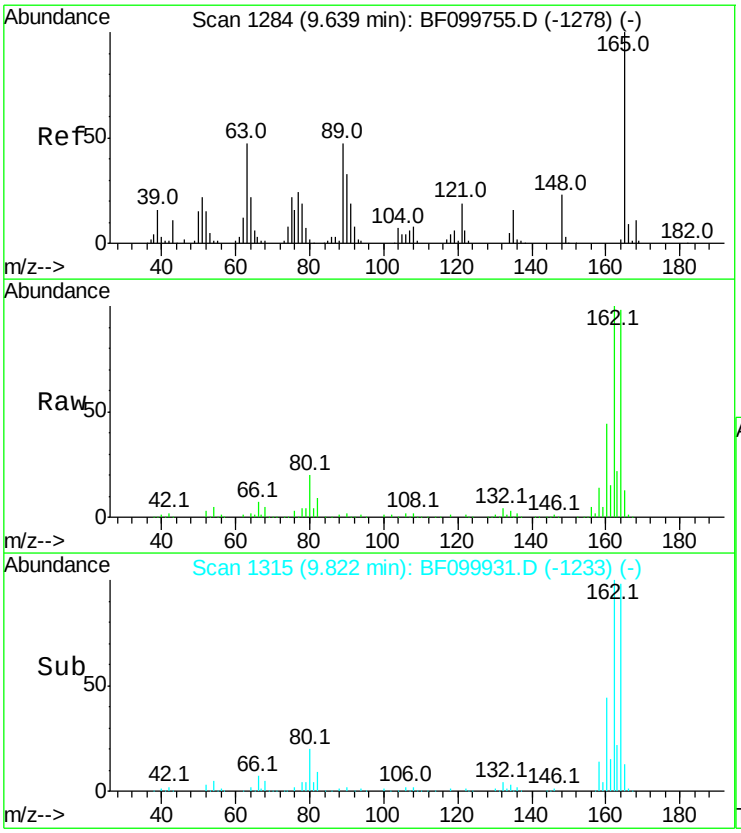
#48
Acenaphthylene
Concen: 4.503 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 65699

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	14.7	10.7	16.1

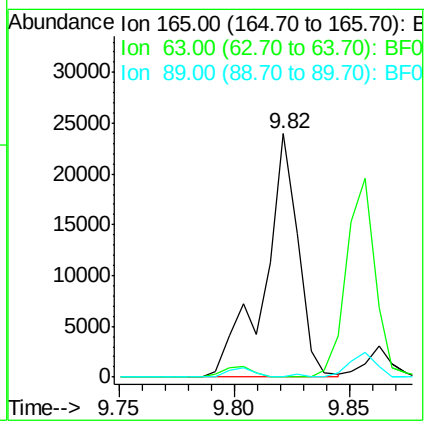


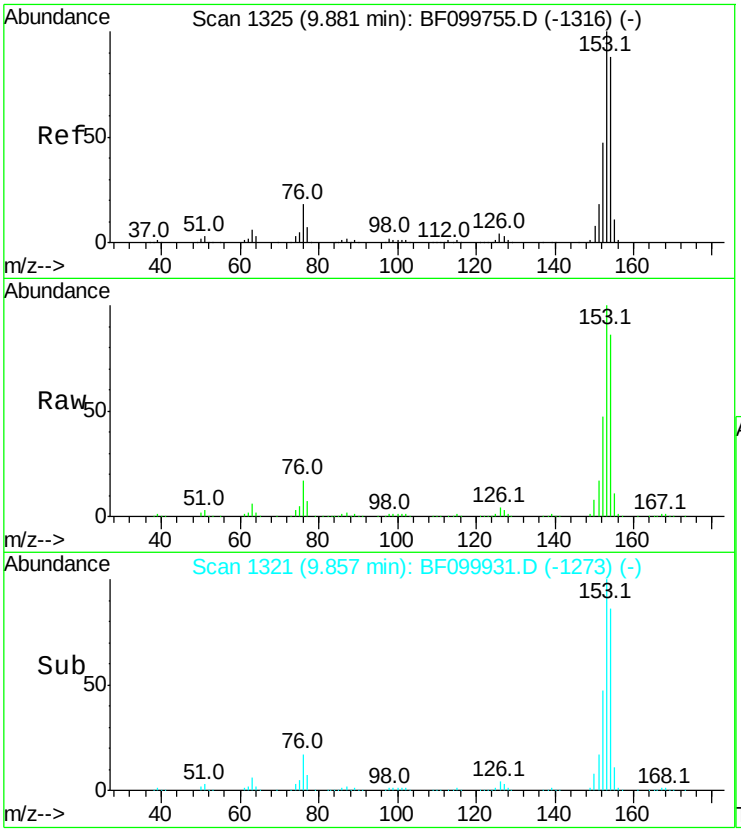


#50
2,6-Dinitrotoluene
Concen: 10.105 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:165 Resp: 24254

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



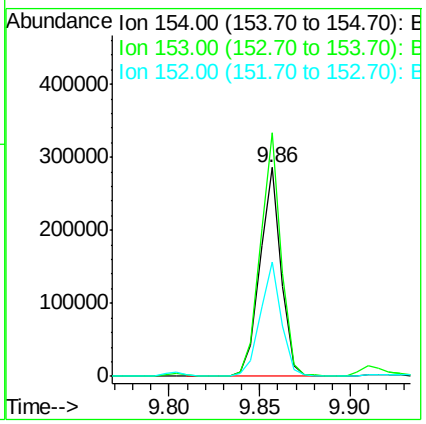


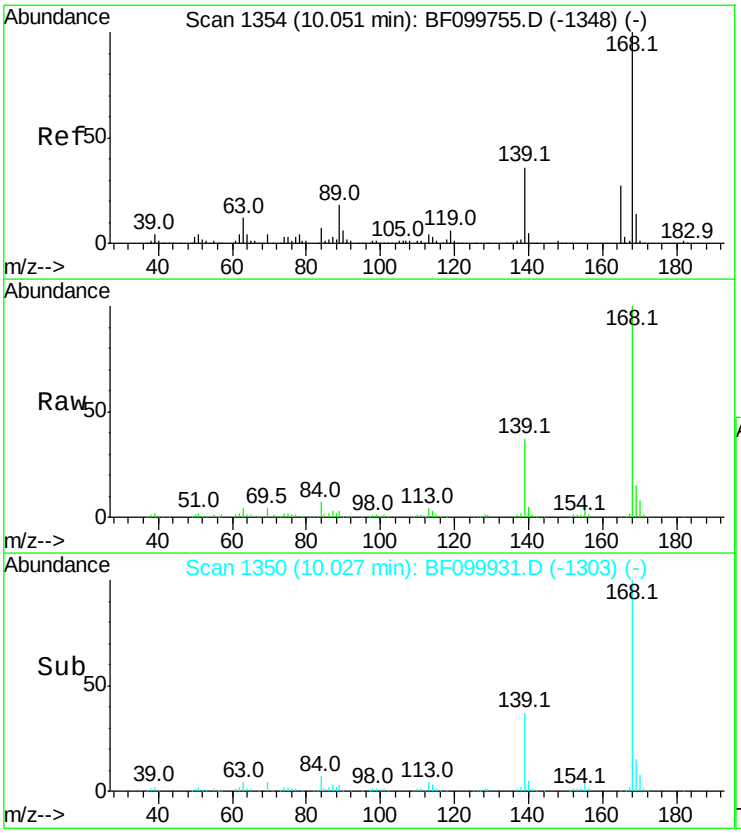
#51
Acenaphthene
Concen: 26.016 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 231919

Ion	Ratio	Lower	Upper
154	100		
153	116.6	91.2	136.8
152	54.8	43.8	65.8

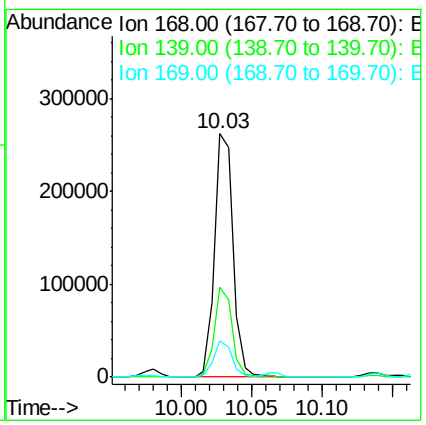


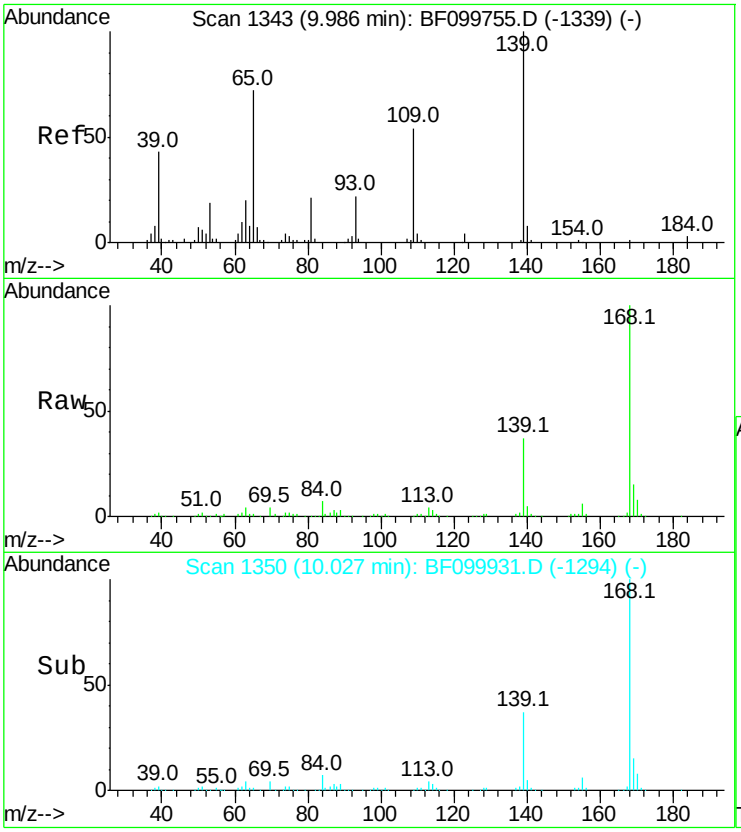


#54
Dibenzofuran
Concen: 19.120 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:168 Resp: 240590

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	15.0	10.9	16.3



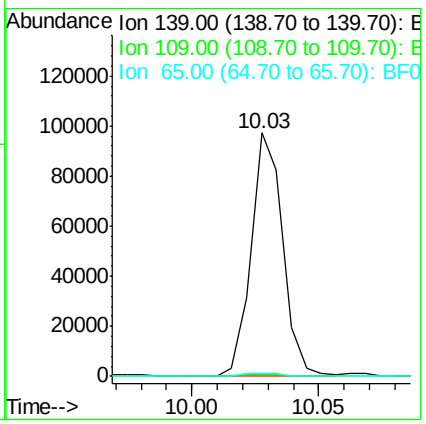


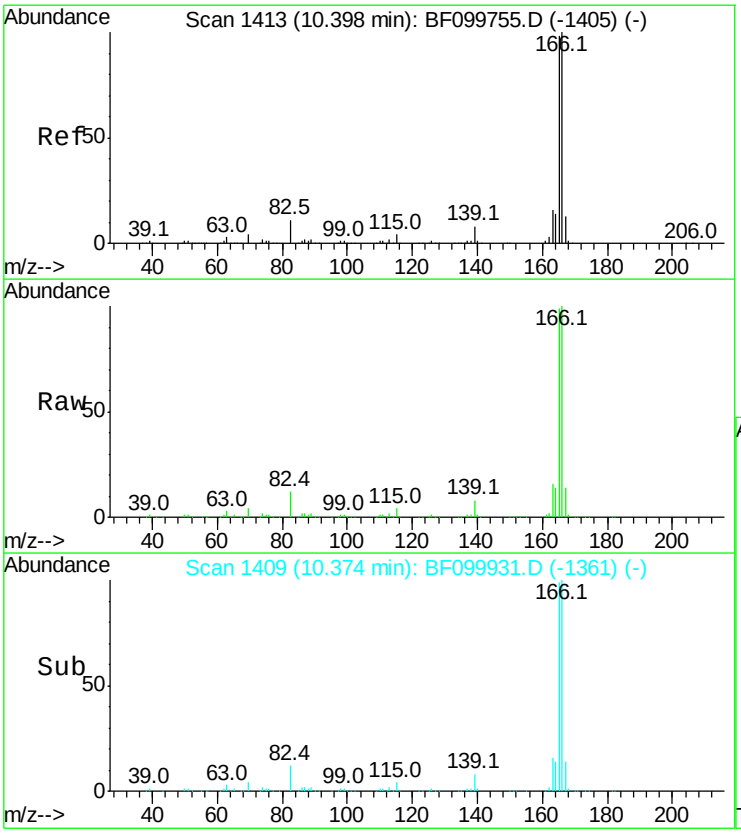
#55
4-Nitrophenol
Concen: 57.326 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 84715

Ion	Ratio	Lower	Upper
139	100		
109	0.9	48.4	88.4#
65	1.4	72.6	112.6#

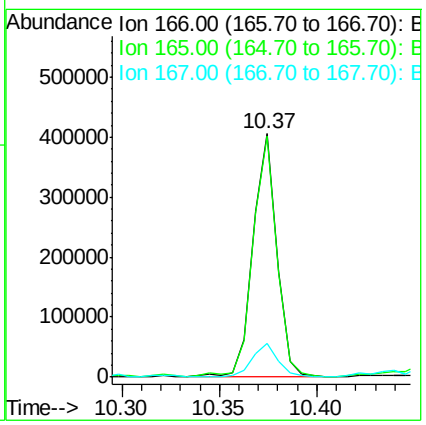


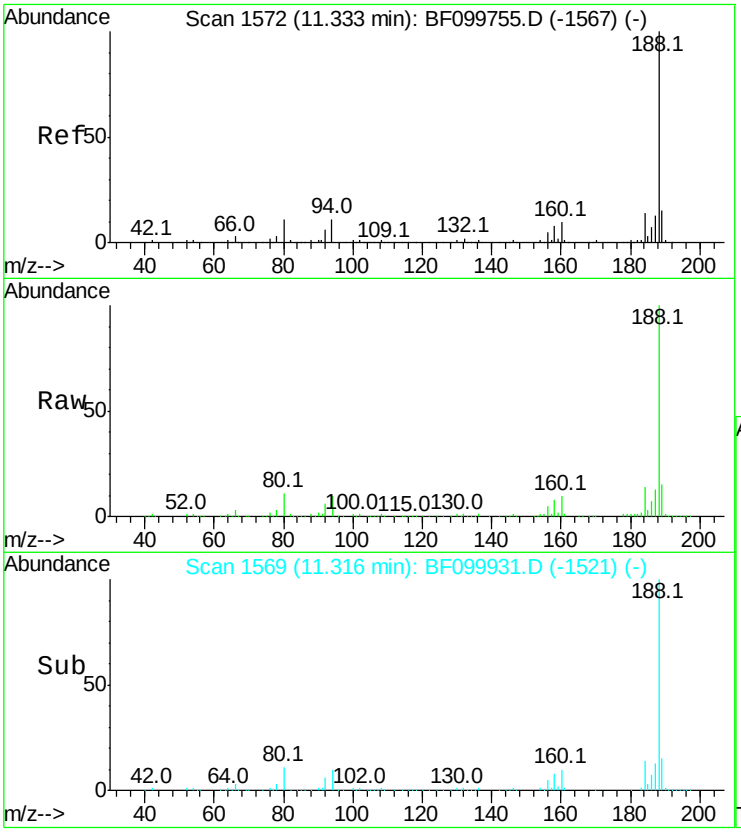


#57
Fluorene
Concen: 32.669 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:166 Resp: 340369

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.9	10.6	16.0



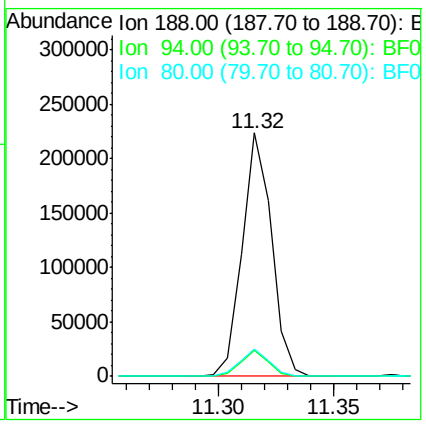


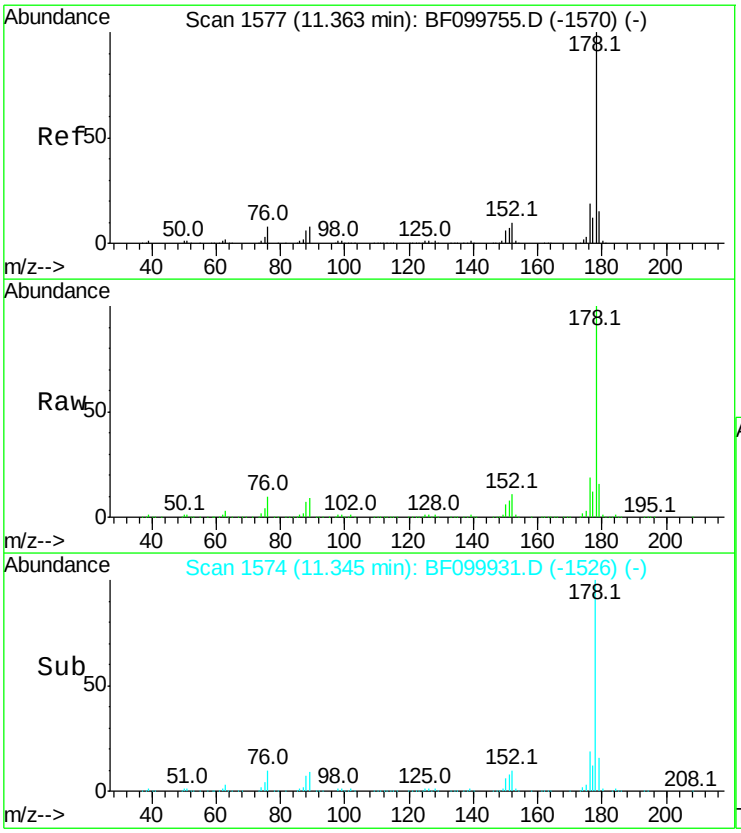
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 198942

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.0	9.2	13.8

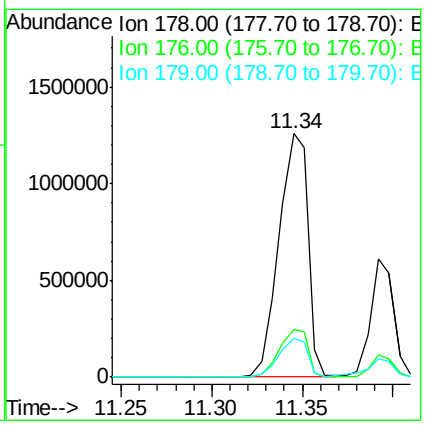


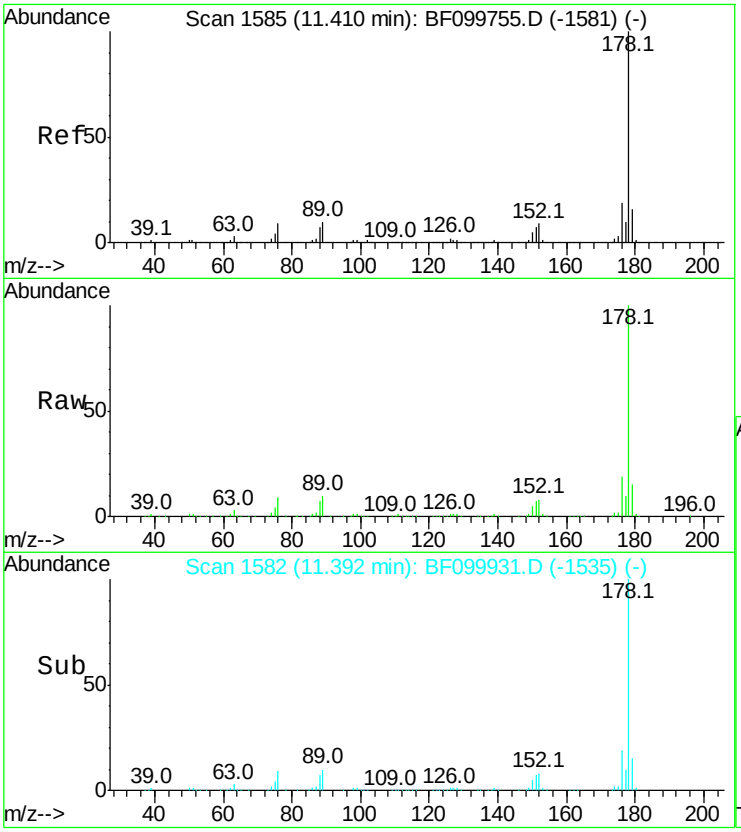


#70
Phenanthrene
Concen: 125.450 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:178 Resp: 1408457

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.8	13.0	19.6



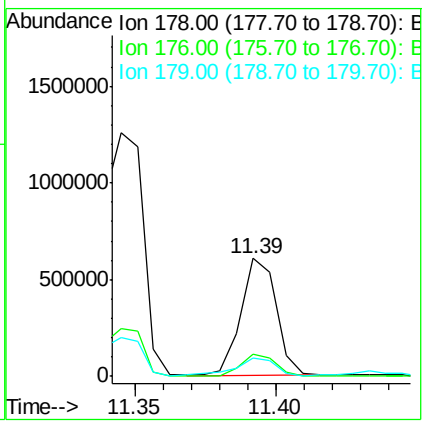


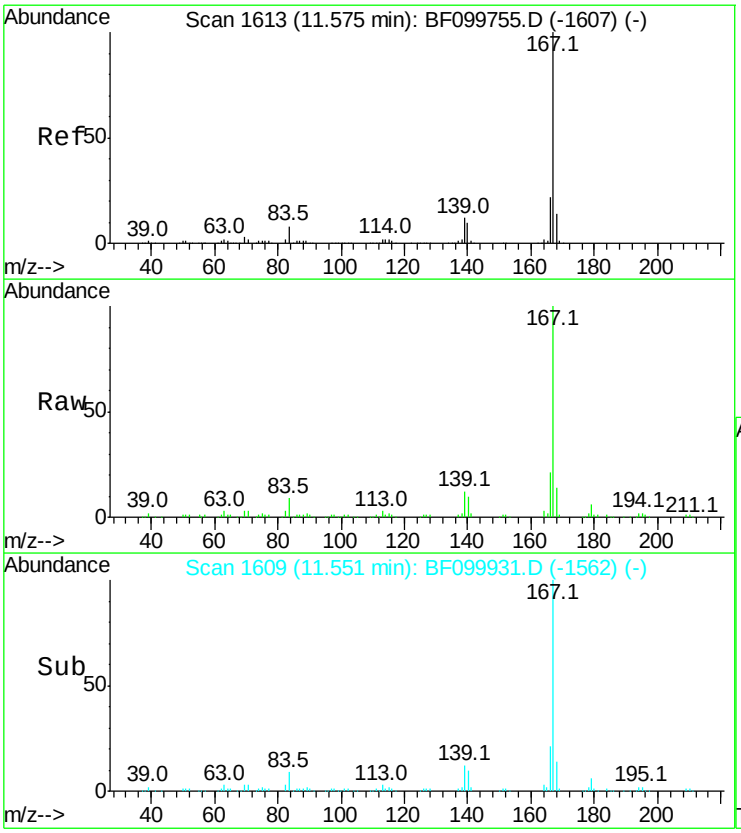
#71
Anthracene
Concen: 46.468 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 529564

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.5	12.6	19.0

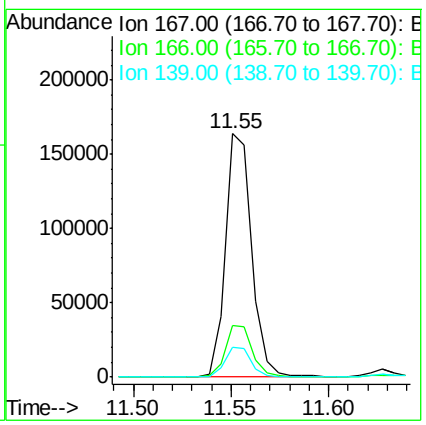


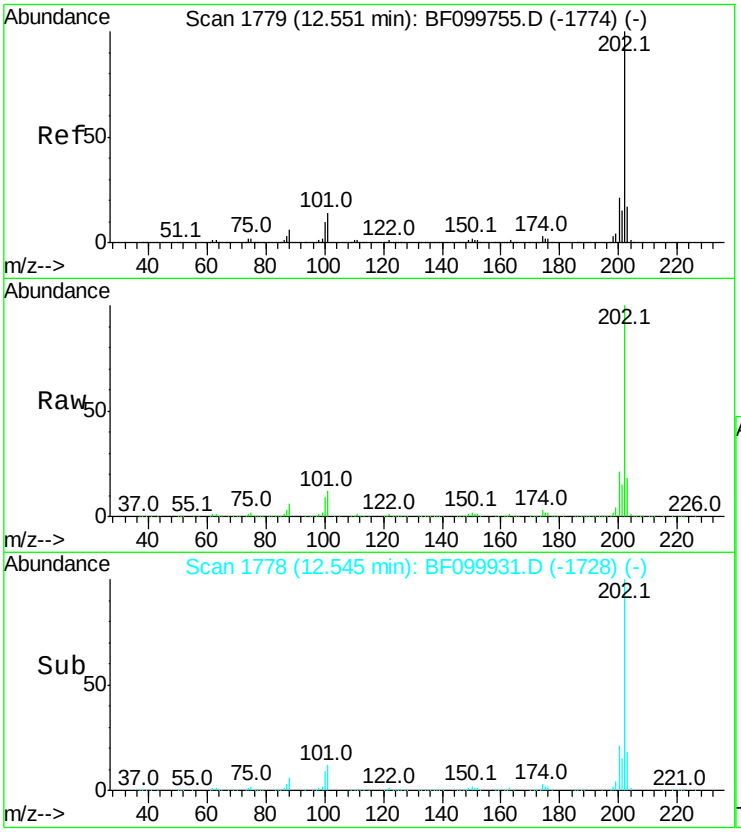


#72
Carbazole
Concen: 14.182 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:167 Resp: 151989

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	12.3	10.9	16.3



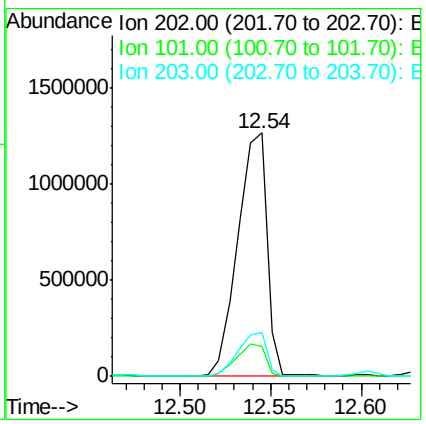


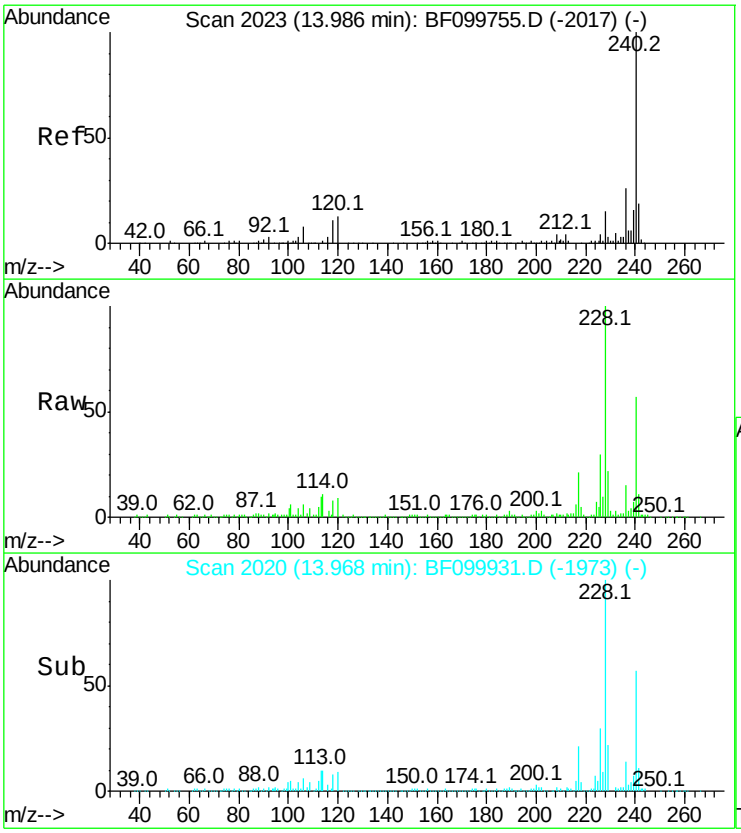
#74
Fluoranthene
Concen: 122.606 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1430529

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.8	0.0	38.1

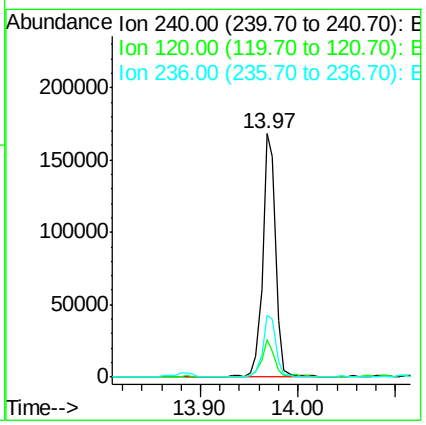


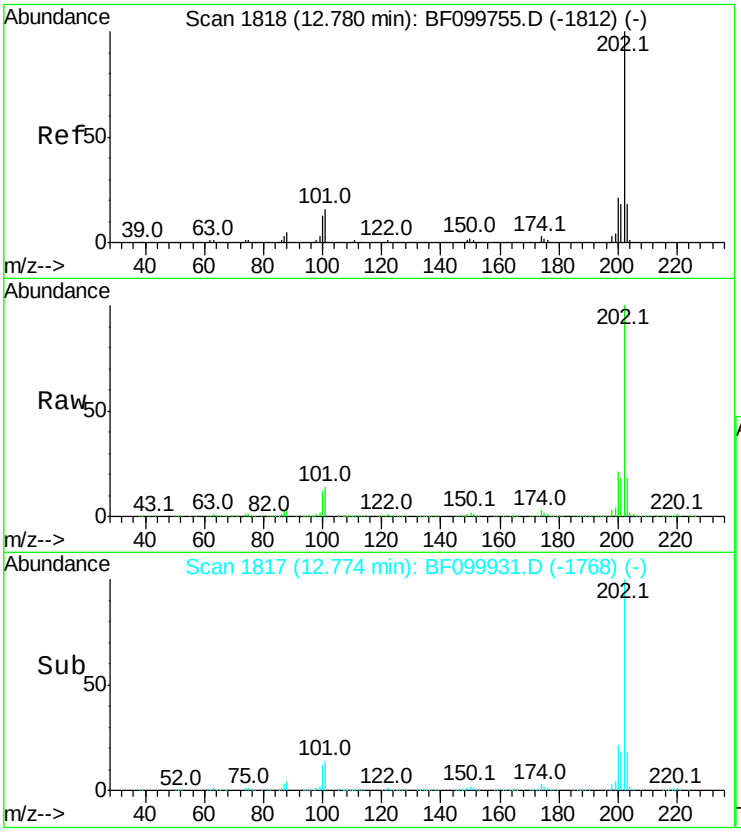


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:240 Resp: 161776

Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	25.6	20.7	31.1



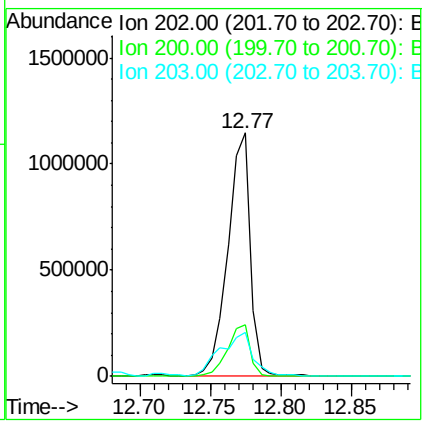


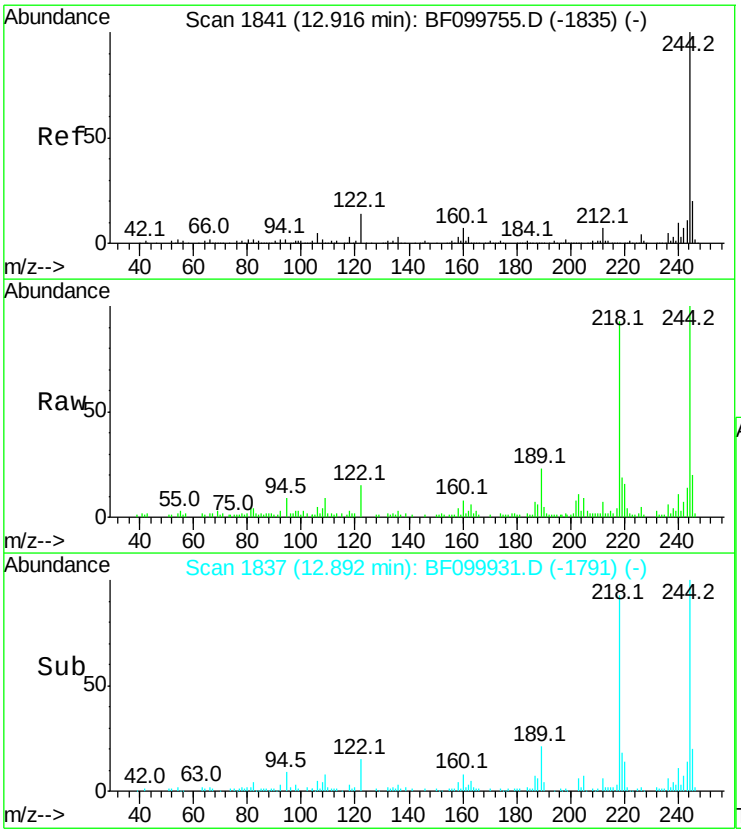
#77
Pyrene
Concen: 102.444 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1260202

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.1	14.3	21.5

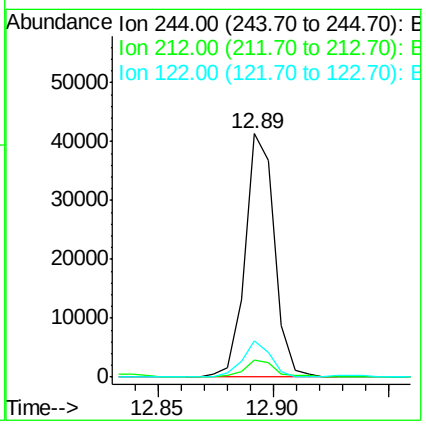


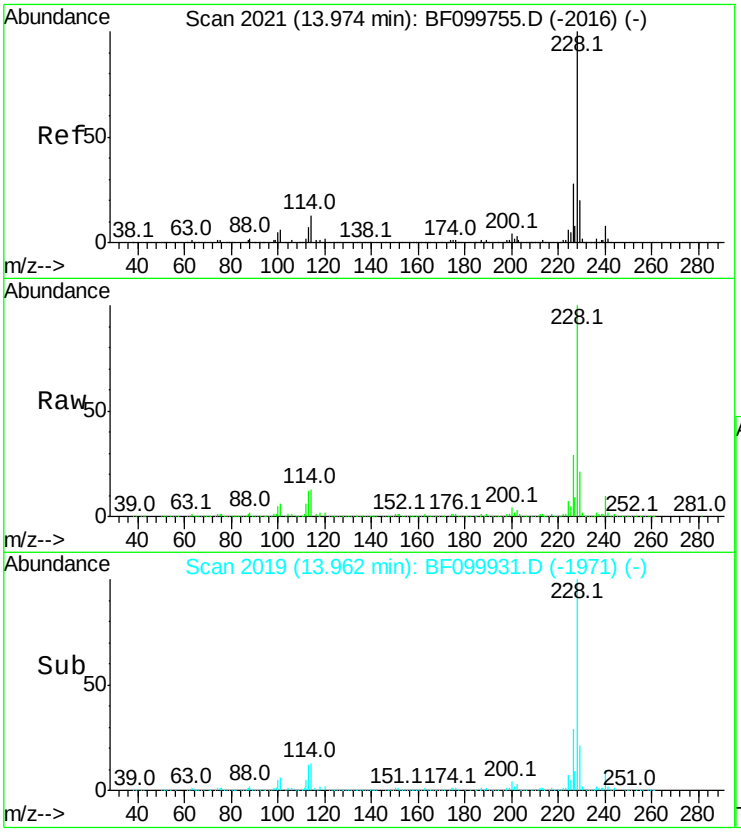


#78
Terphenyl-d14
Concen: 4.966 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.03 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:244 Resp: 36759

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.0	11.0	16.4



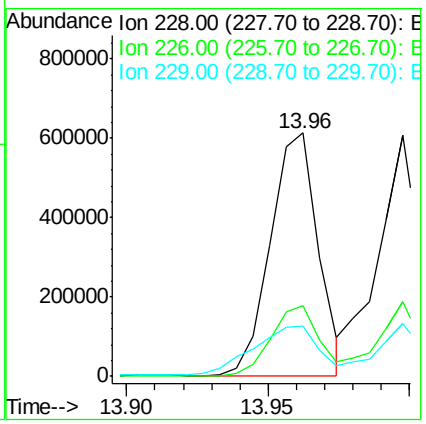


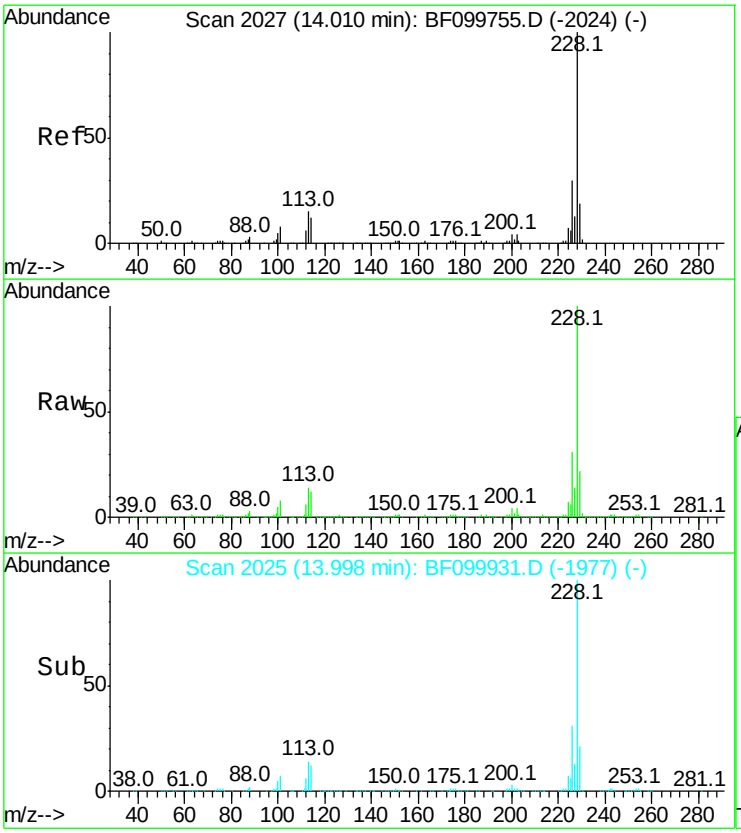
#80
Benzo(a)anthracene
Concen: 69.801 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 715841

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.8	15.8	23.6

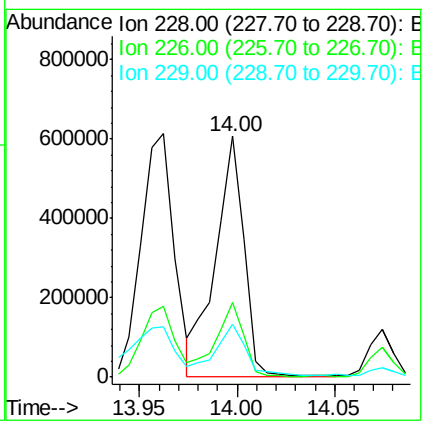


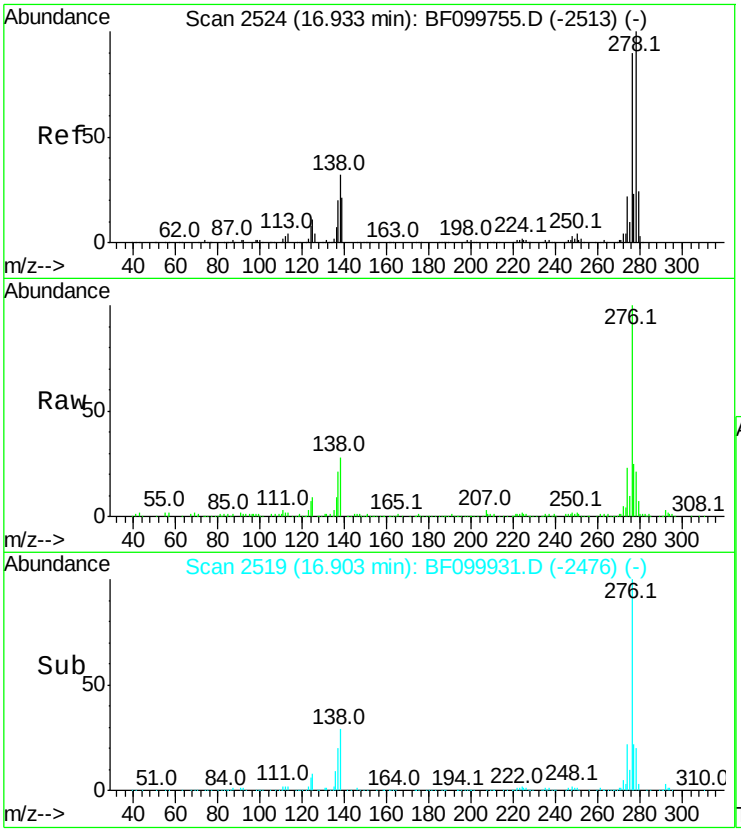


#82
Chrysene
Concen: 63.280 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:228 Resp: 610114

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.2	16.2	24.4



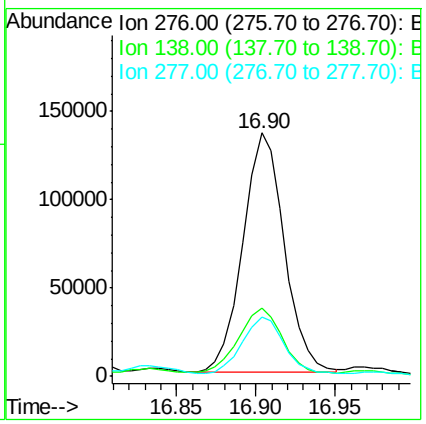


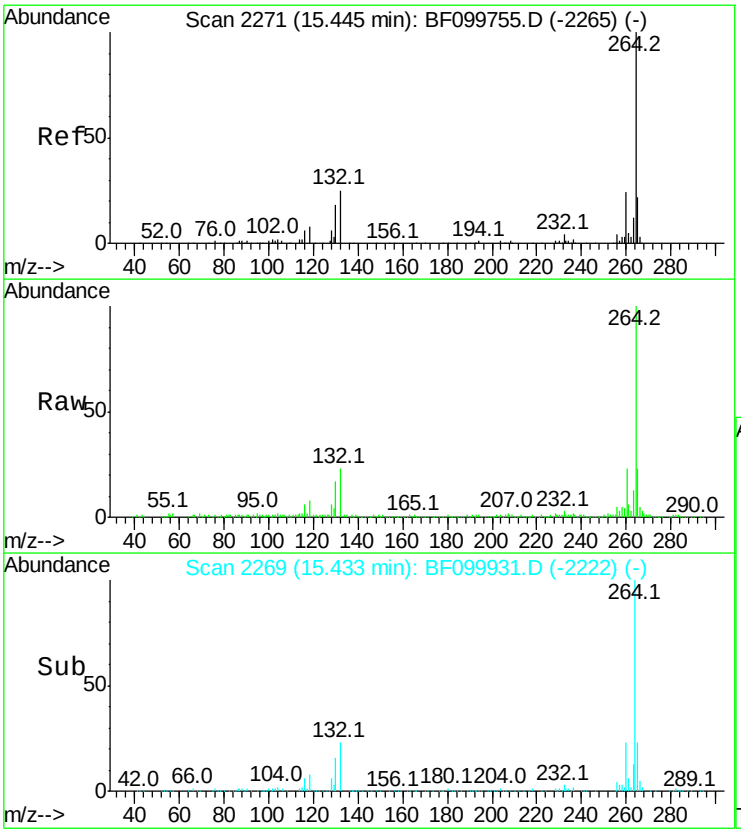
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.892 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 246876

Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.0	37.6
277	23.8	20.1	30.1

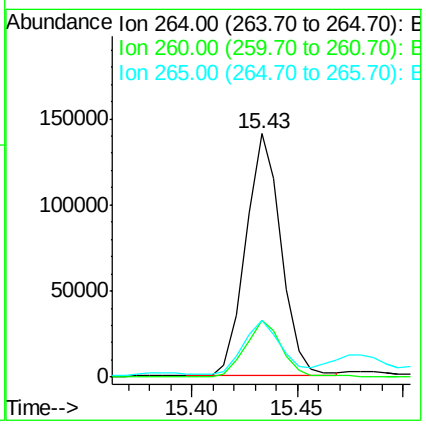


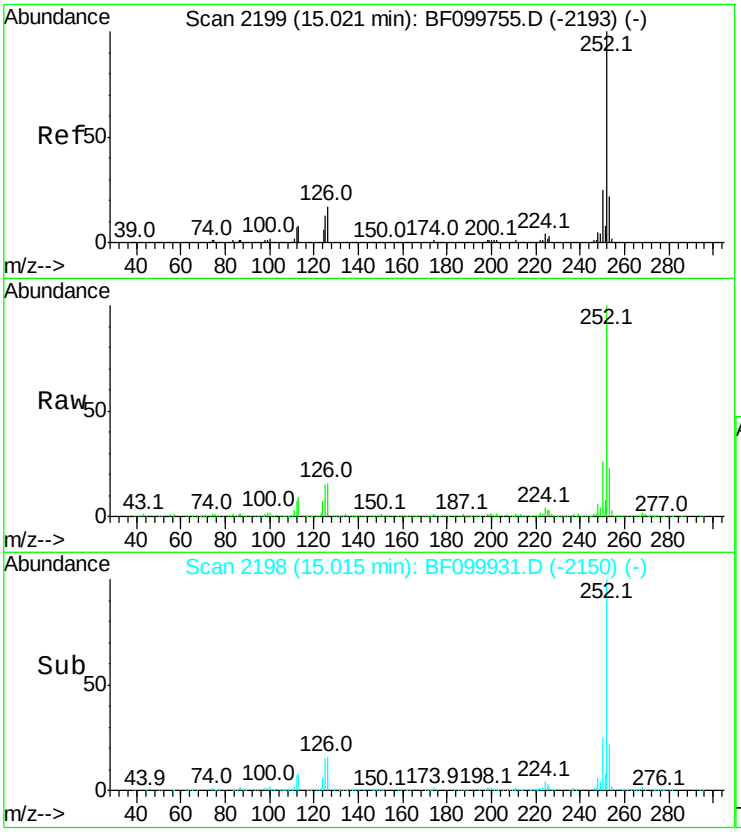


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:264 Resp: 164045

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.1	17.5	26.3



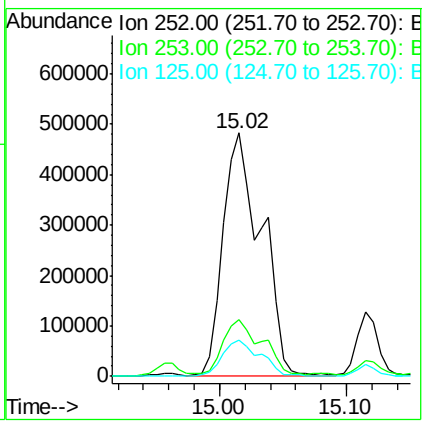


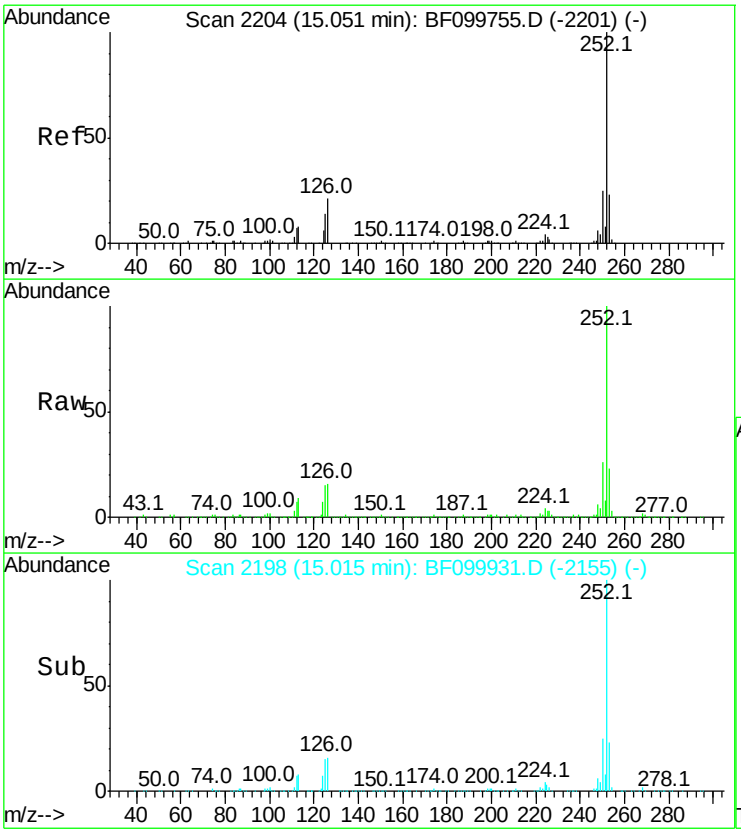
#87
Benzo(b)fluoranthene
Concen: 97.415 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1009092

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	15.0	9.0	13.6#

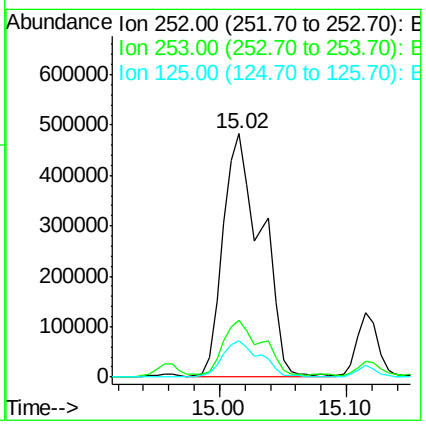


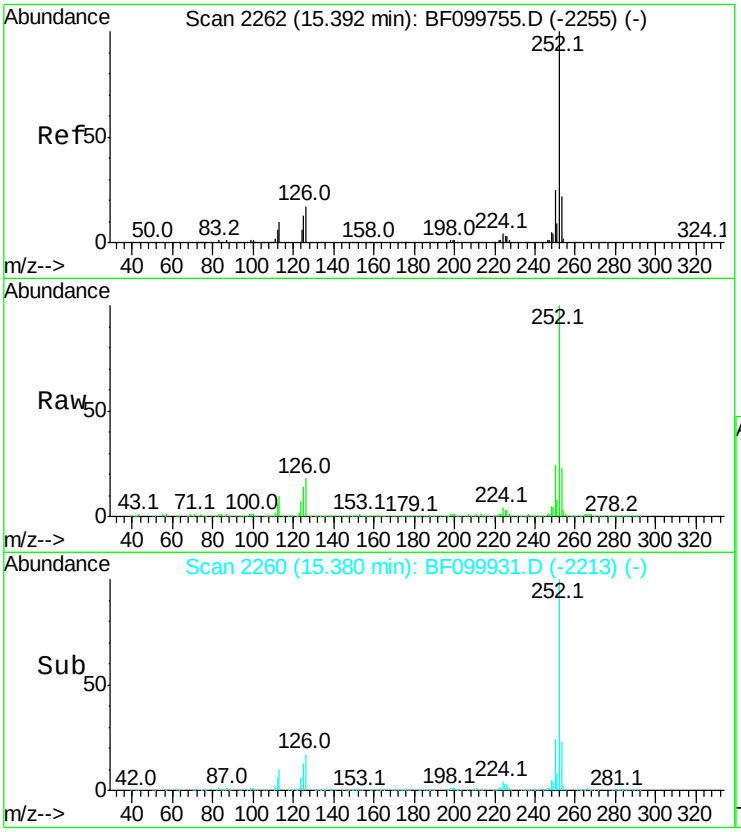


#88
Benzo(k)fluoranthene
Concen: 103.307 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:252 Resp: 1009092

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	15.0	10.2	15.2



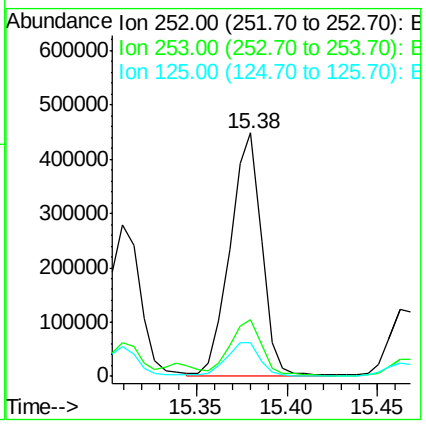


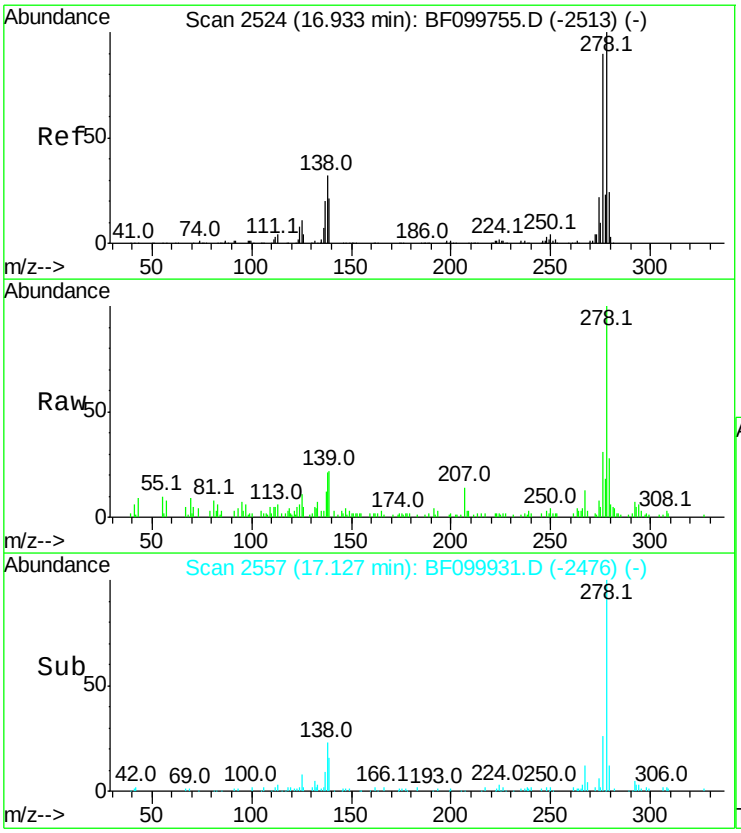
#89
Benzo(a)pyrene
Concen: 57.890 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 538668

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	14.0	9.8	14.6

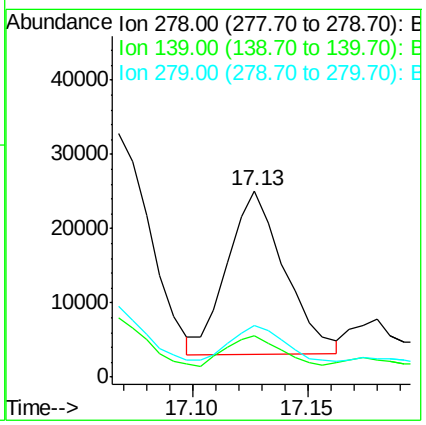


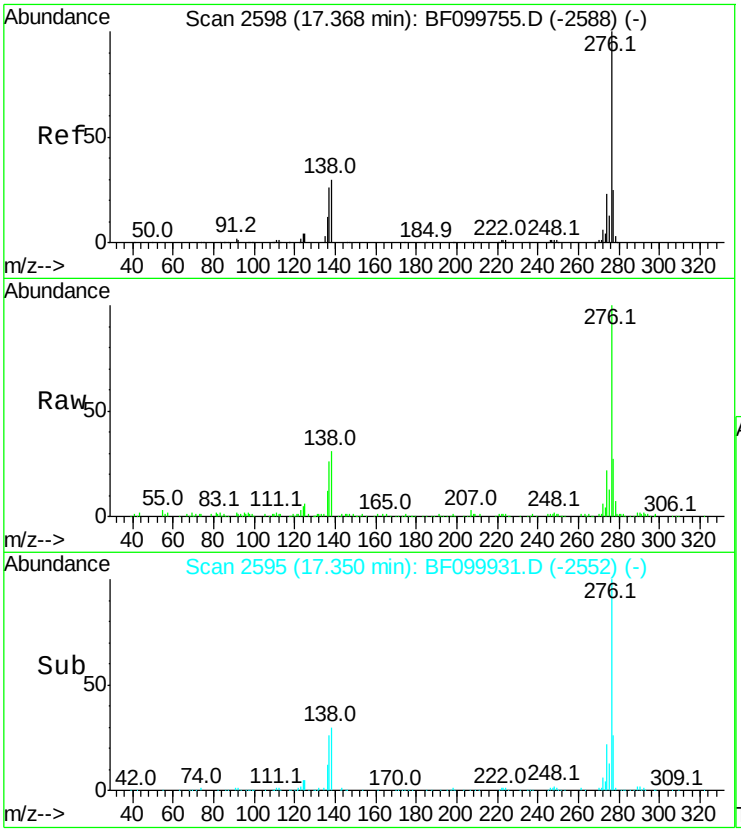


#90
Dibenzo(a,h)anthracene
Concen: 4.620 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.18 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:278 Resp: 38198

Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.9	23.9
279	27.6	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 26.637 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.05 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 215472

Ion	Ratio	Lower	Upper
276	100		
277	27.0	17.9	26.9#
138	30.7	21.8	32.8