Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100995.D
Acq On : 29 Nov 2017 22:59
Operator : SJ/JU
Sample : I6610-02 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 23:45:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	66793	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	240247	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	92407	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	162429	20.00	ng		0.00
75) Chrysene-d12	14.03	240	126856	20.00	ng		0.00
86) Perylene-d12	15.51	264	101263	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	27104	6.50	ng		-0.01
7) Phenol-d6	6.48	99	31417	6.11	ng		-0.01
23) Nitrobenzene-d5	7.41	82	17465	4.81	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	5985	6.36	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	39758	6.55	ng		-0.01
78) Terphenyl-d14	12.96	244	33976	6.15	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.41	82	17469	2.288	ng	#	64
31) Naphthalene	8.16	128	53411	4.616	ng		99
32) Benzoic acid	7.92	122	486	9.520	ng	#	1
37) 2-Methylnaphthalene	8.85	142	22217	2.892	ng		96
48) Acenaphthylene	9.75	152	99248	10.329	ng		98
50) 2,6-Dinitrotoluene	9.89	165	13097	9.378	ng	#	24
51) Acenaphthene	9.92	154	58144	9.950	ng		99
54) Dibenzofuran	10.10	168	57572	7.029	ng		94
55) 4-Nitrophenol	10.09	139	20996	15.679	ng	#	10
57) Fluorene	10.44	166	83021	13.837	ng		98
70) Phenanthrene	11.42	178	991522	115.939	ng		98
71) Anthracene	11.46	178	273581	31.531	ng		99
72) Carbazole	11.61	167	85042	10.622	ng		99
74) Fluoranthene	12.62	202	1606626	177.261	ng		96
77) Pyrene	12.84	202	1402474	155.093	ng		100
80) Benzo(a)anthracene	14.03	228	763867	99.993	ng		98
82) Chrysene	14.06	228	651598	88.083	ng		97
85) Indeno(1,2,3-cd)pyrene	17.00	276	302790	50.604	ng	#	86
87) Benzo(b)fluoranthene	15.09	252	944688	157.467	ng		98
88) Benzo(k)fluoranthene	15.09	252	944688	166.656	ng		98
89) Benzo(a)pyrene	15.46	252	477661	89.810	ng		97
90) Dibenzo(a,h)anthracene	17.00	278	72914	16.763	ng		95
91) Benzo(g,h,i)perylene	17.46	276	272728	64.054	ng	#	90

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

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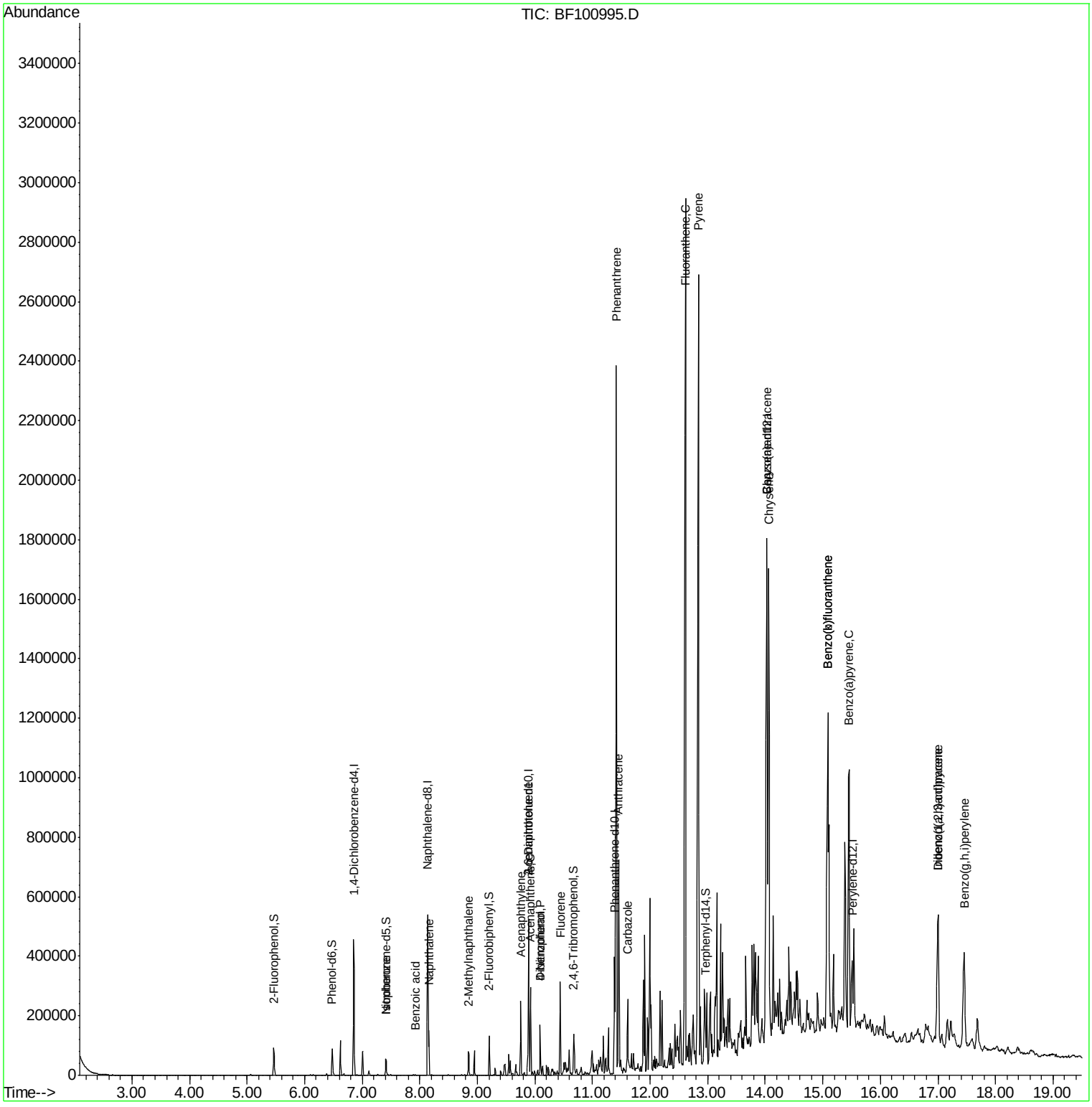
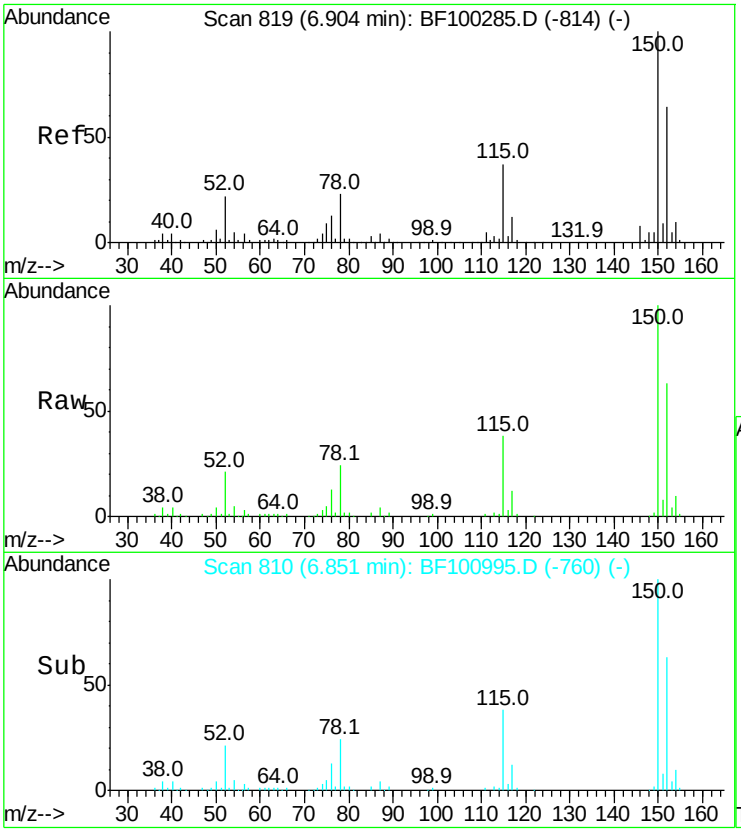


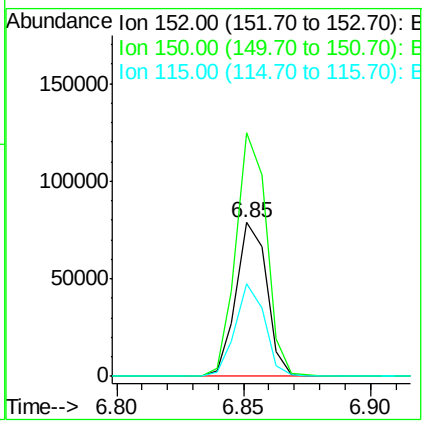


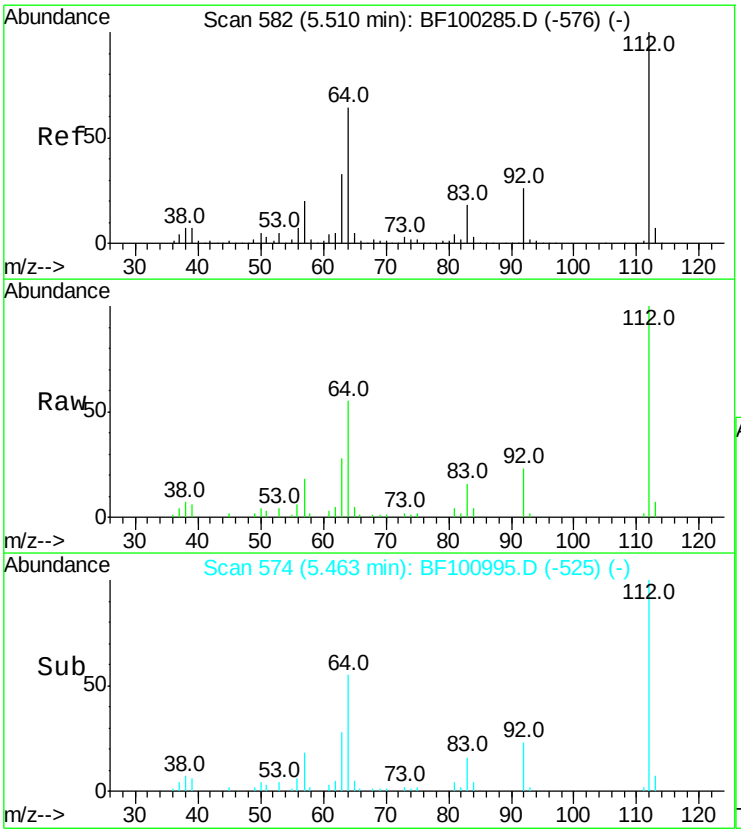
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 66793

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	60.1	50.1	75.1

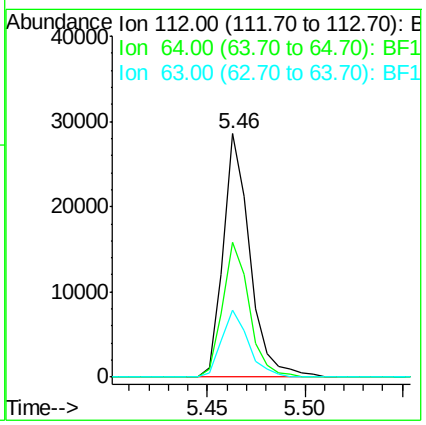


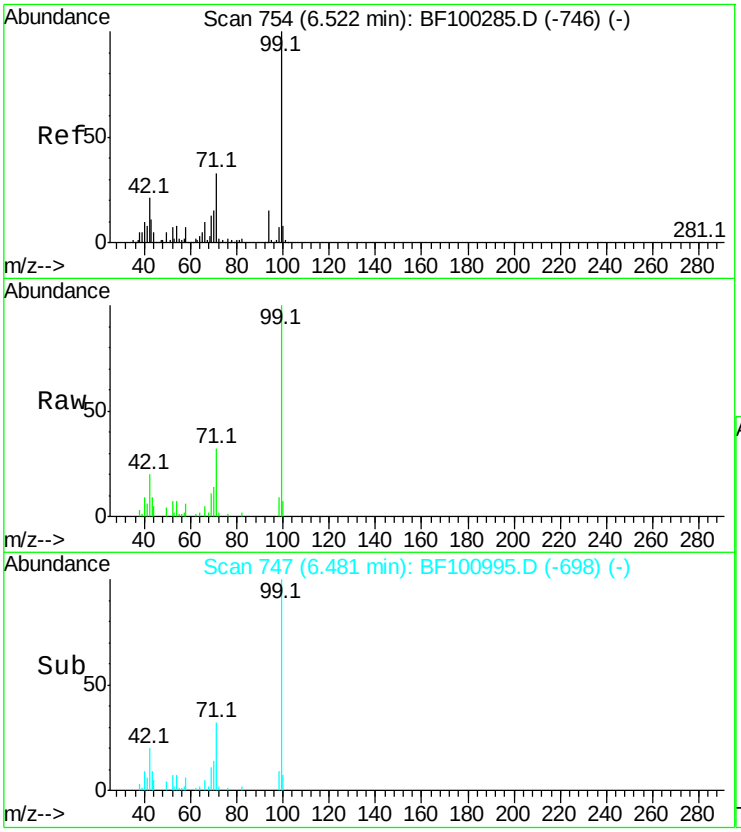


#5
2-Fluorophenol
Concen: 6.505 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:112 Resp: 27104

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	27.7	23.7	35.5



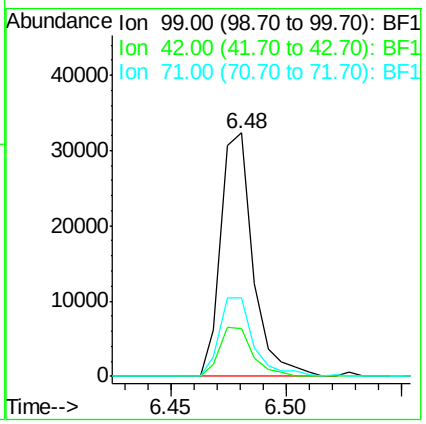


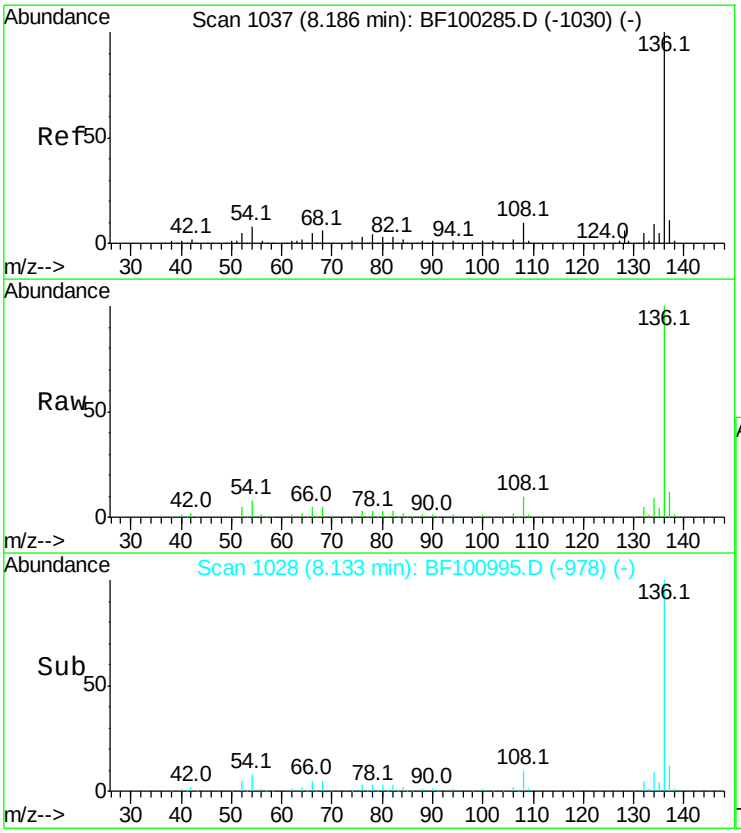
#7
Phenol-d6
Concen: 6.114 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 31417

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	32.3	25.4	38.0

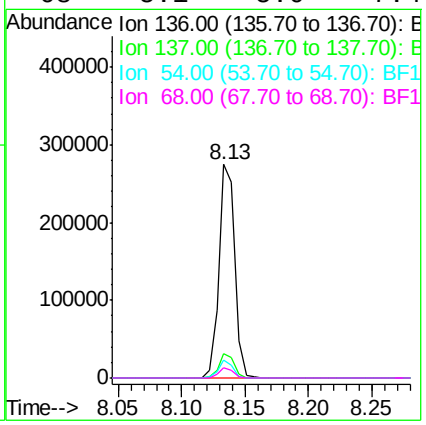


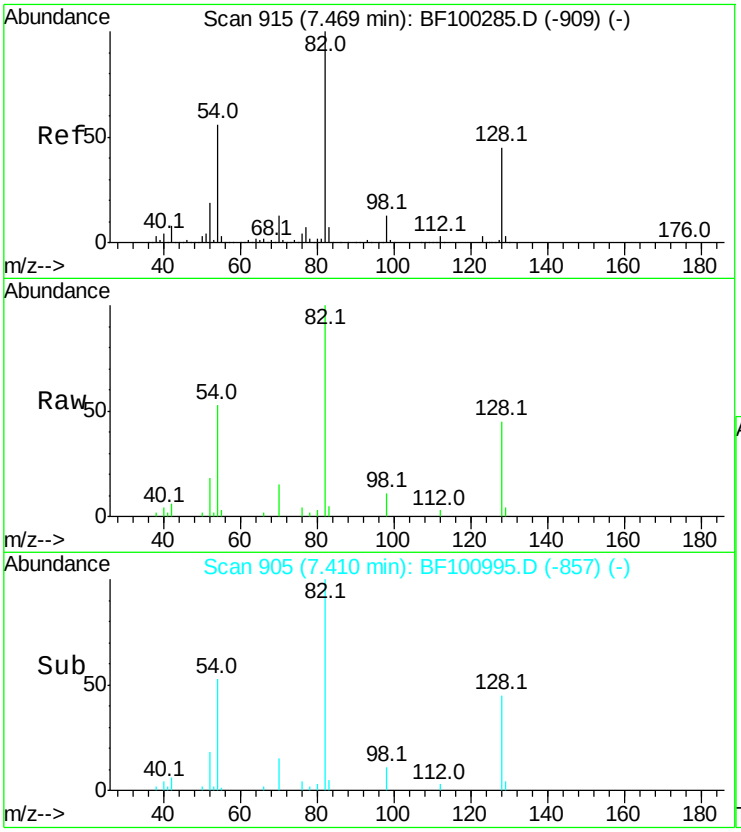


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:136 Resp: 240247

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.3	6.6	9.8
68	5.1	5.0	7.4



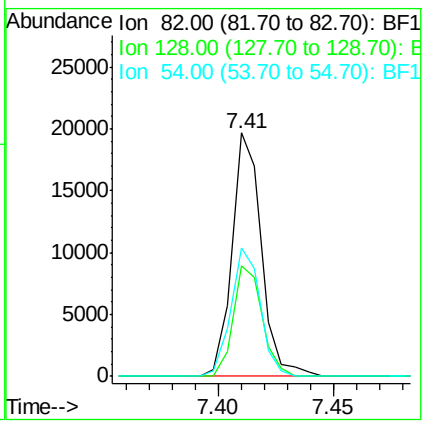


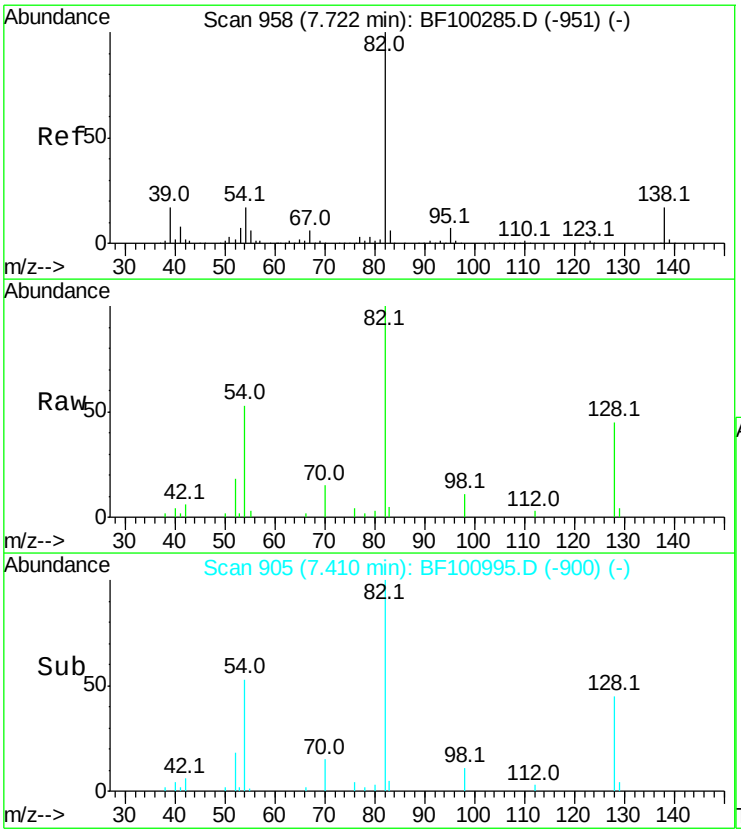
#23
Nitrobenzene-d5
Concen: 4.806 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 17465

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	52.8	41.4	62.2

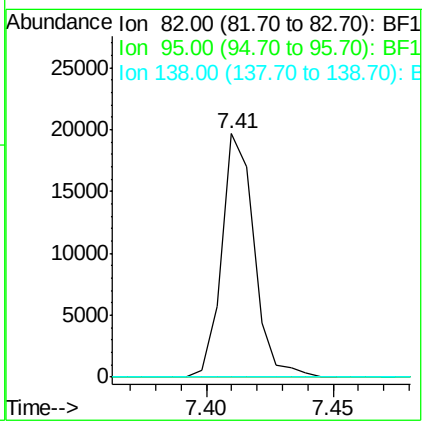


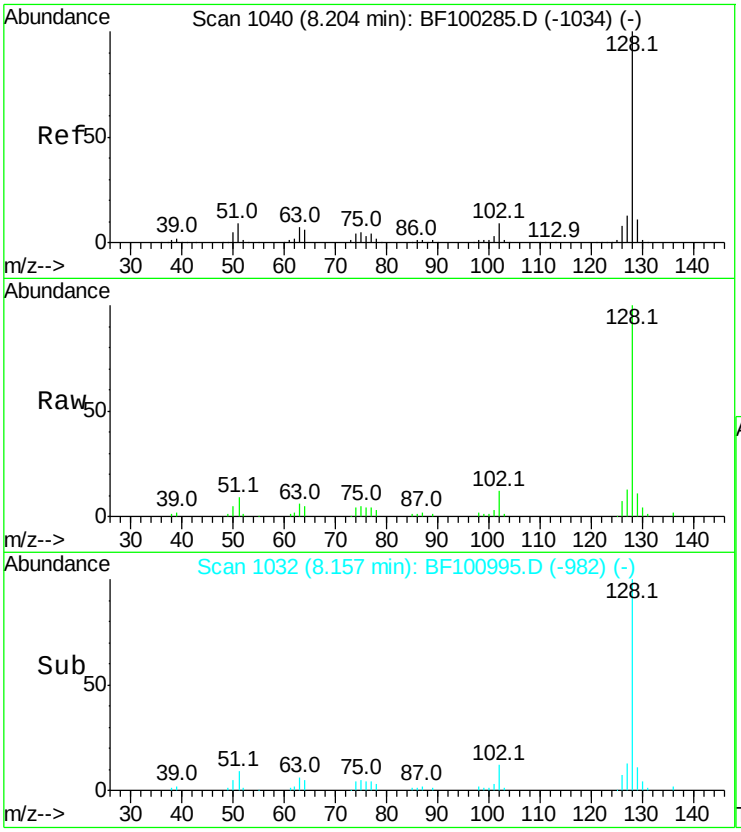


#25
Isophorone
Concen: 2.288 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion: 82 Resp: 17469

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



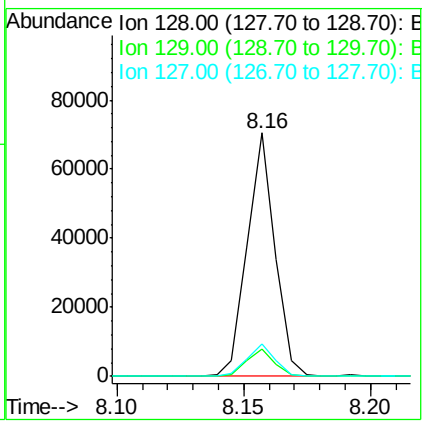


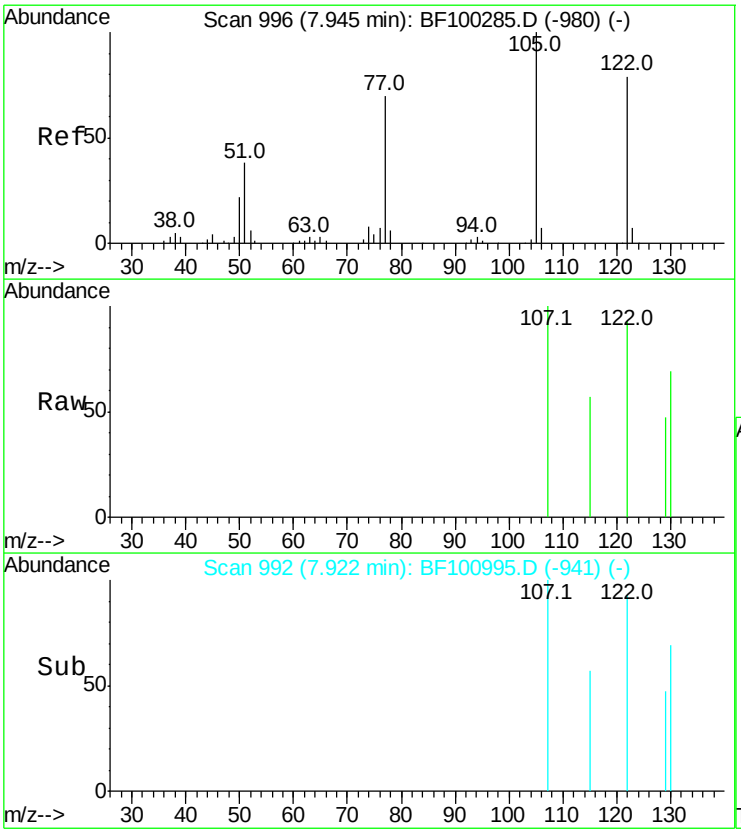
#31
Naphthalene
Concen: 4.616 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 53411

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.2	10.9	16.3

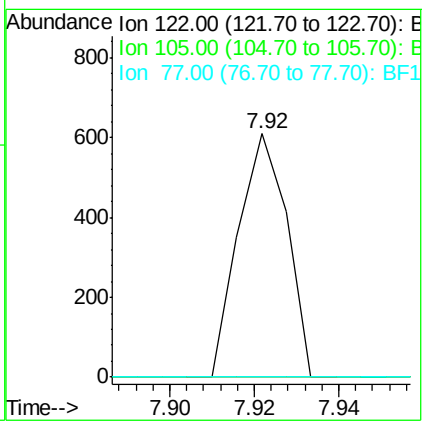


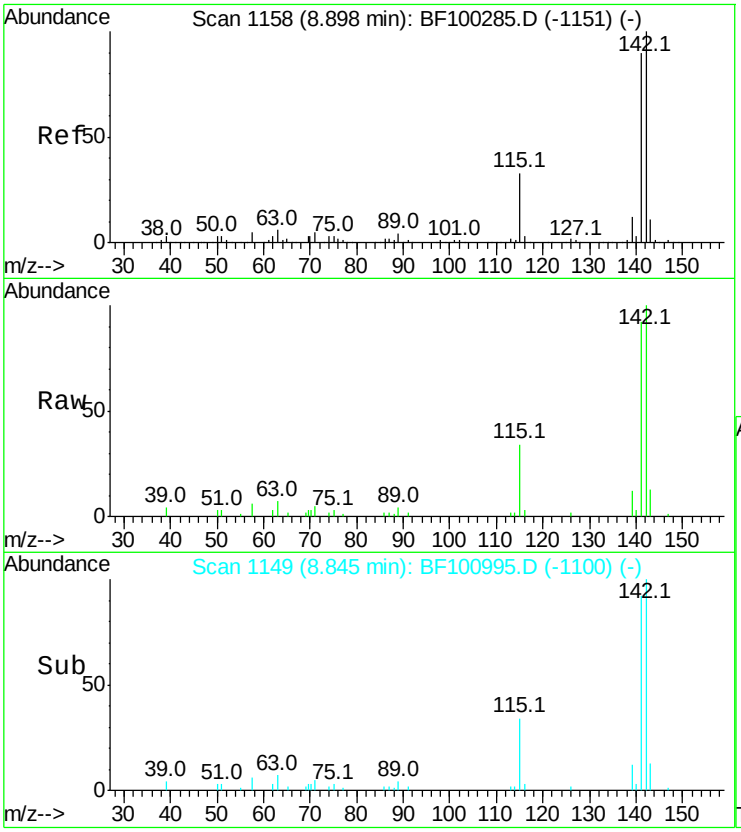


#32
Benzoic acid
Concen: 9.520 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:122 Resp: 486

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



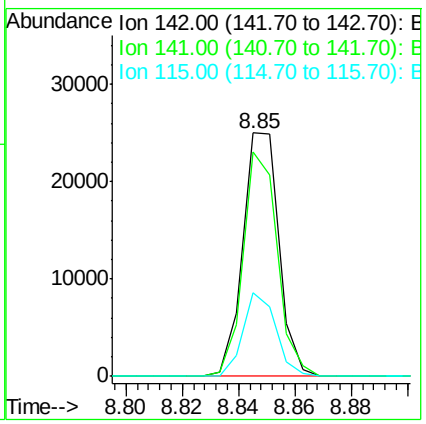


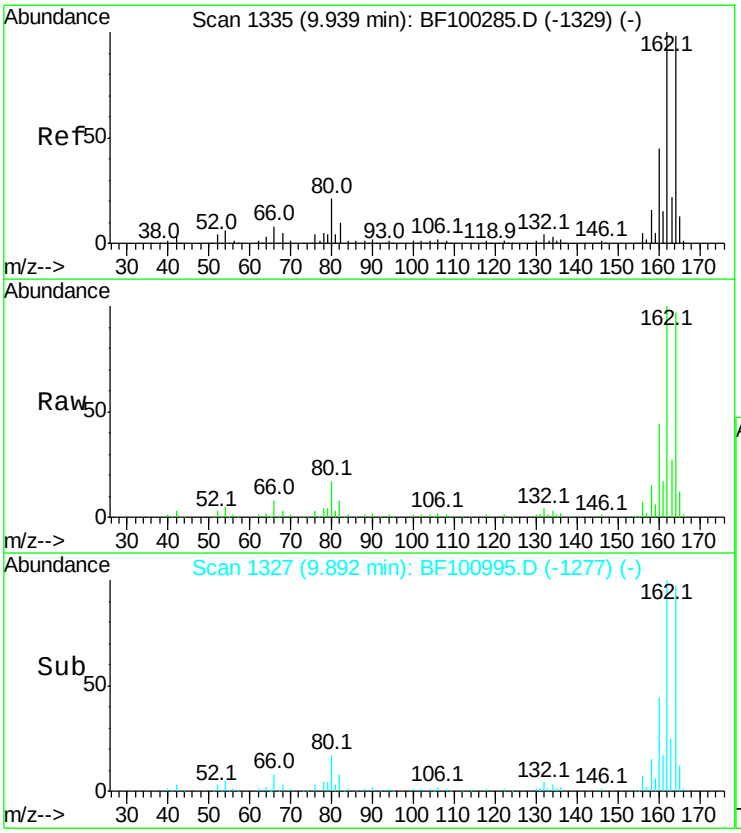
#37
2-Methylnaphthalene
Concen: 2.892 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 22217

Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.8	106.2
115	34.1	26.1	39.1

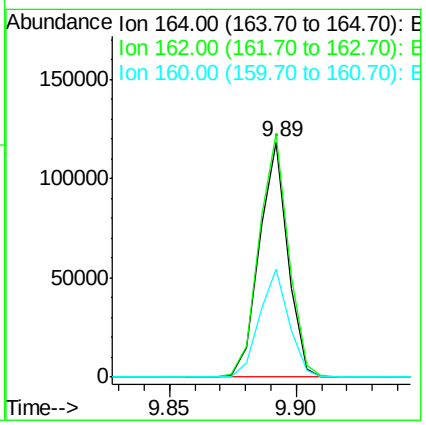


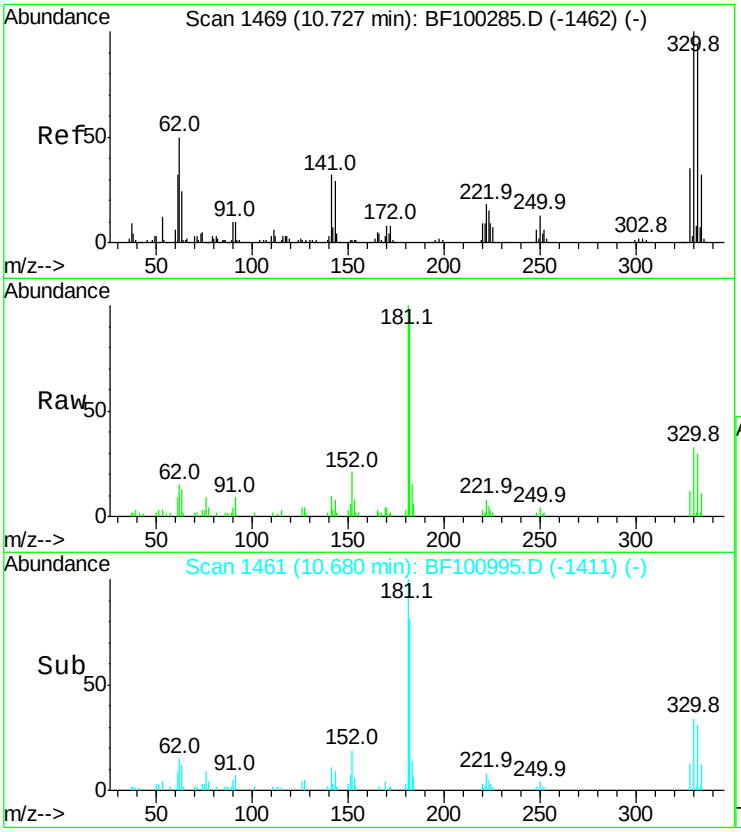


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:164 Resp: 92407

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.7	38.3	57.5



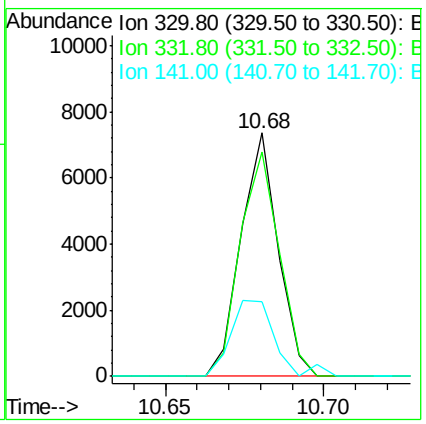


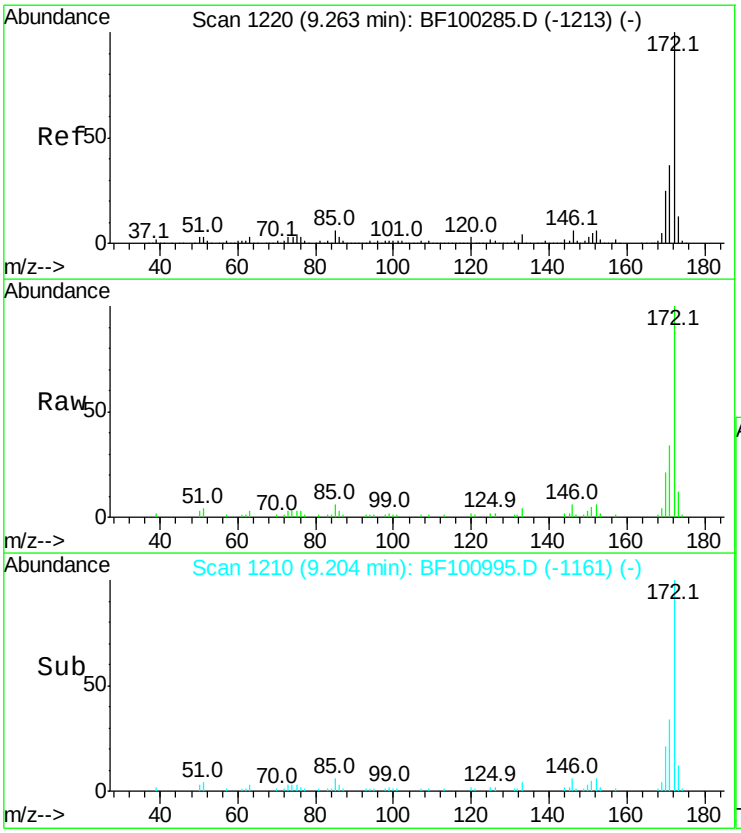
#41
2,4,6-Tribromophenol
Concen: 6.356 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 5985

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	37.1	29.9	44.9

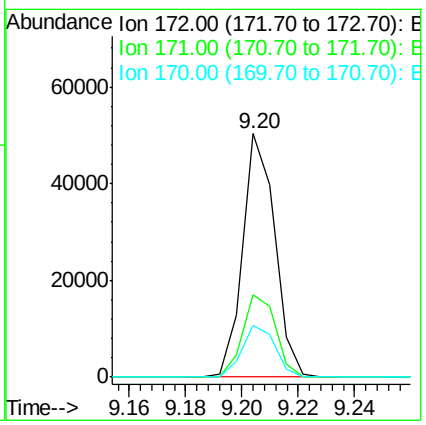


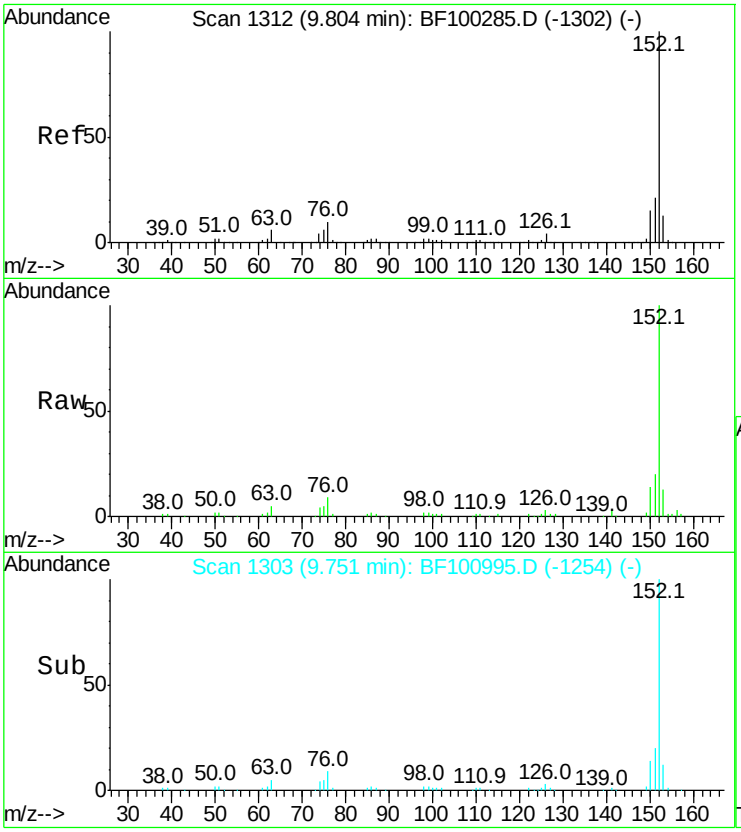


#44
2-Fluorobiphenyl
Concen: 6.551 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:172 Resp: 39758

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.7	44.5
170	21.0	19.6	29.4



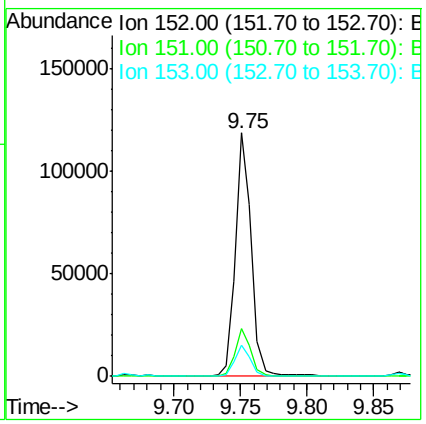


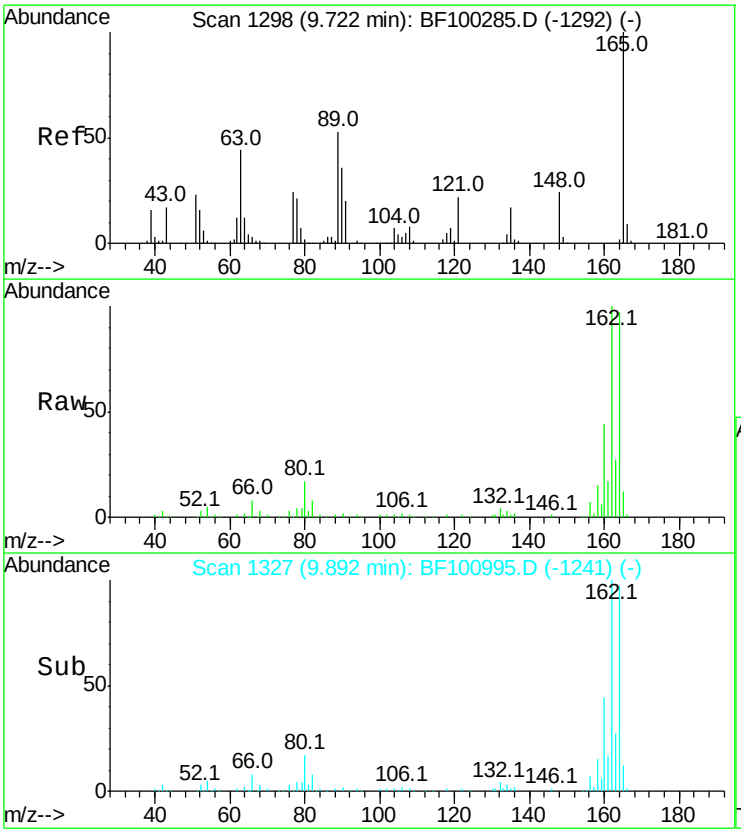
#48
Acenaphthylene
Concen: 10.329 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 99248

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	12.8	10.7	16.1

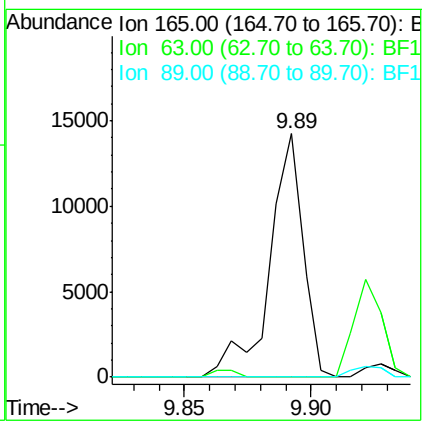


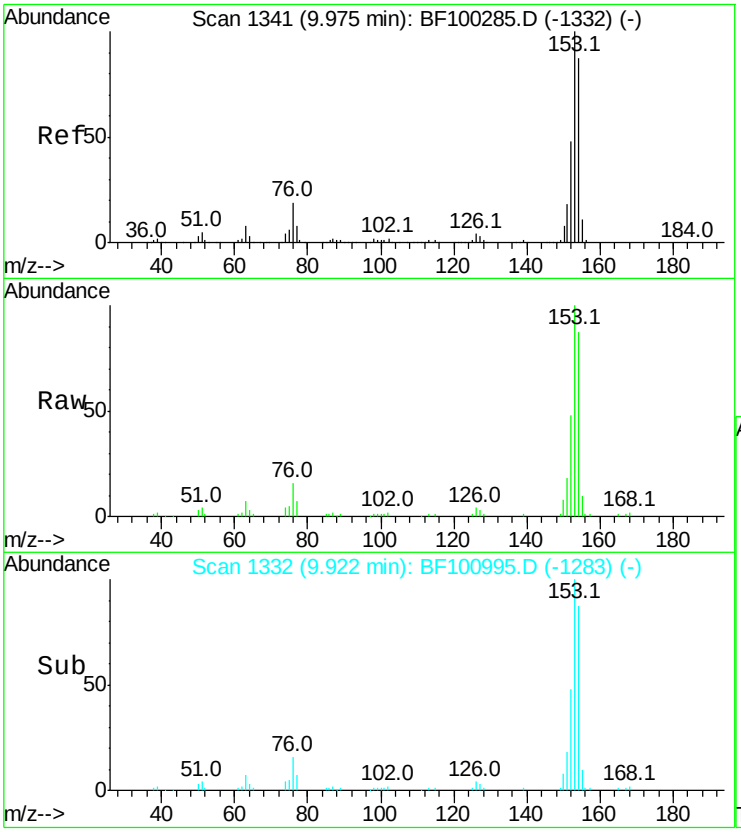


#50
2,6-Dinitrotoluene
Concen: 9.378 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:165 Resp: 13097

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



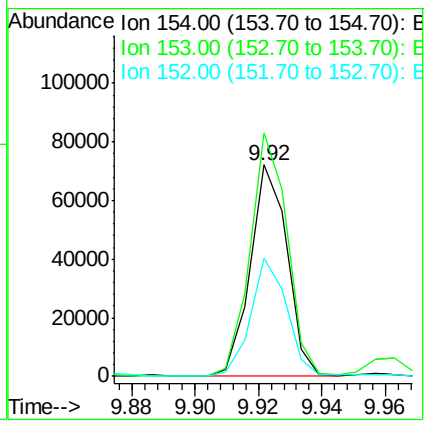


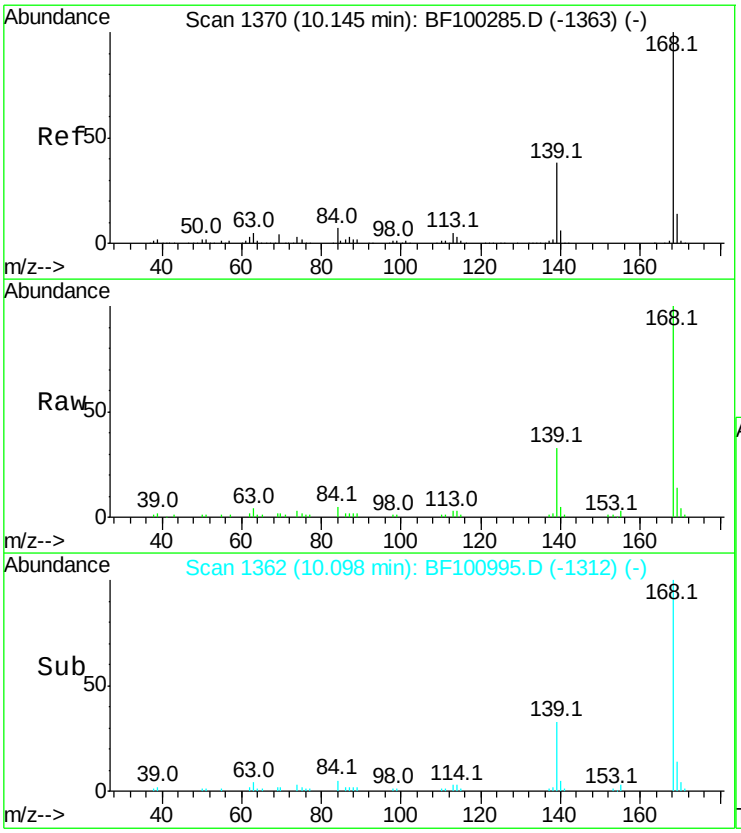
#51
Acenaphthene
Concen: 9.950 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 58144

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.2	136.8
152	55.7	43.8	65.8

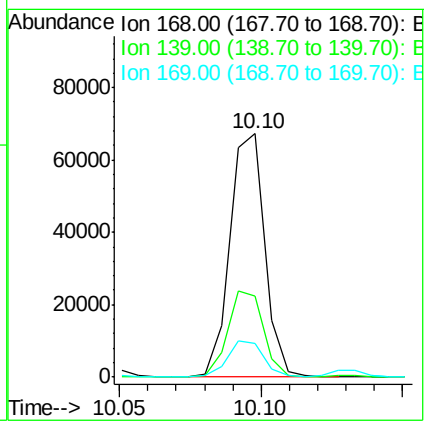


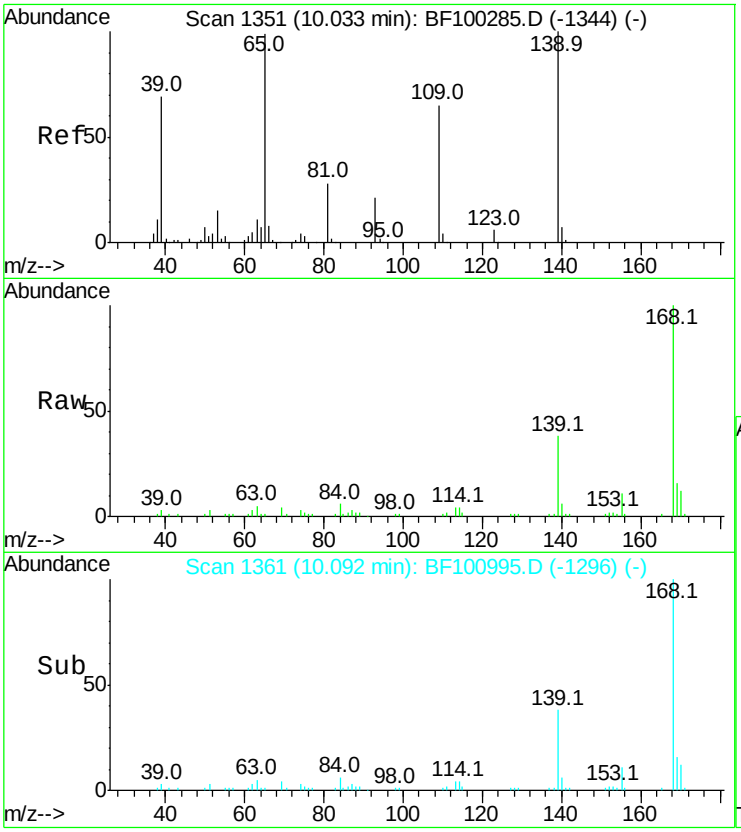


#54
Dibenzofuran
Concen: 7.029 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:168 Resp: 57572

Ion	Ratio	Lower	Upper
168	100		
139	33.2	30.1	45.1
169	14.0	10.9	16.3



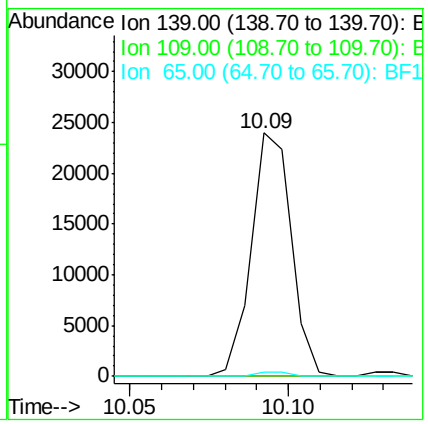


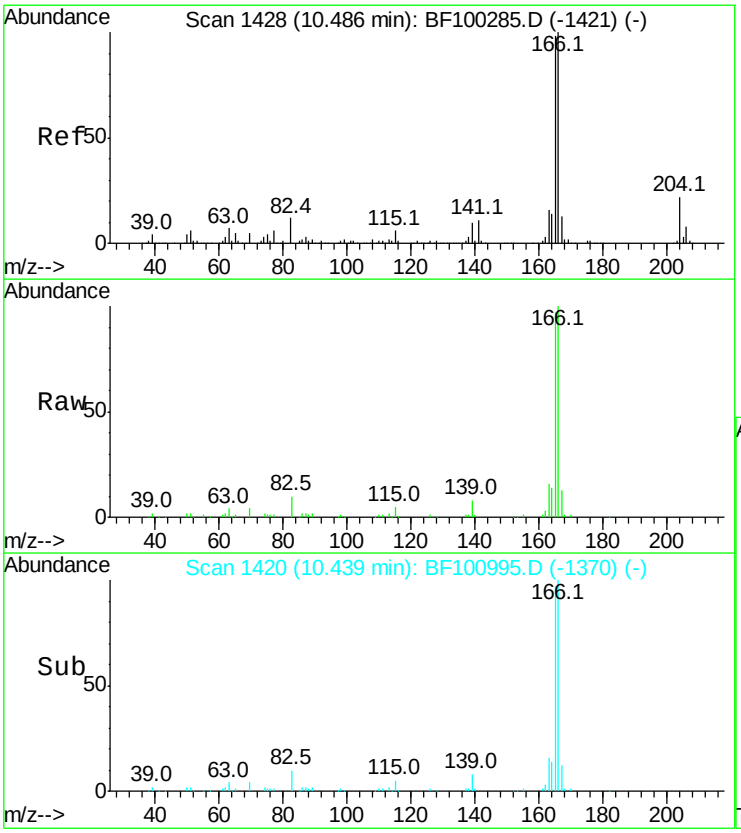
#55
4-Nitrophenol
Concen: 15.679 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 20996

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	1.8	72.6	112.6#

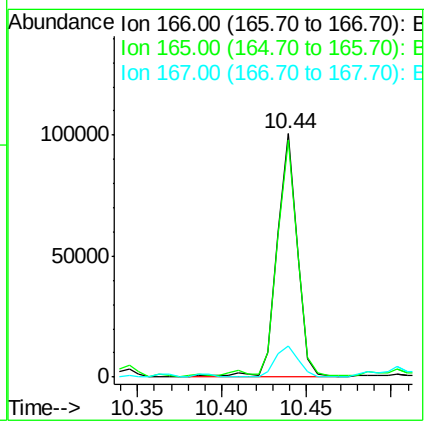


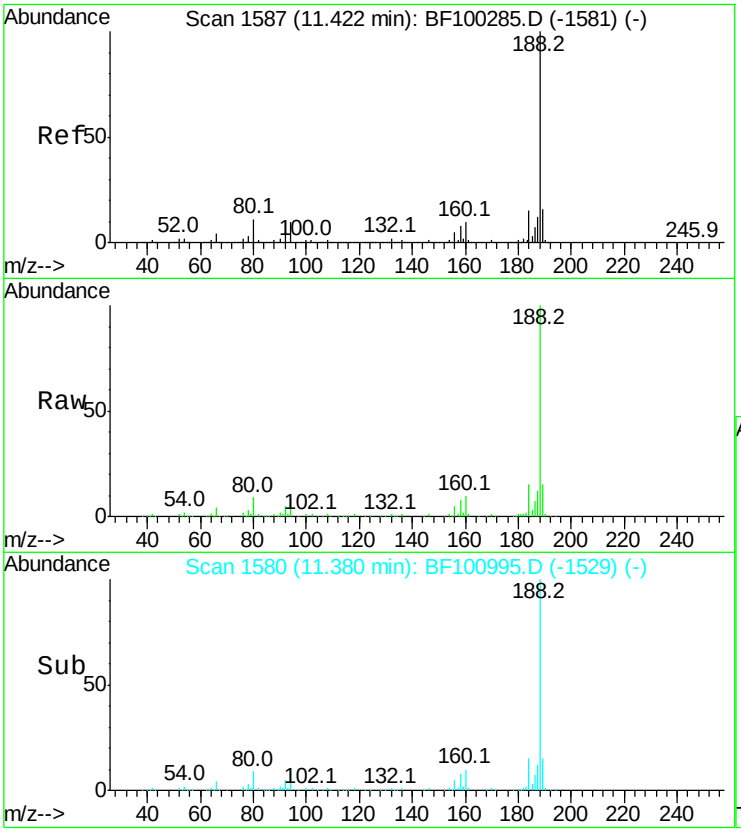


#57
Fluorene
Concen: 13.837 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:166 Resp: 83021

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.8	119.8
167	12.6	10.6	16.0



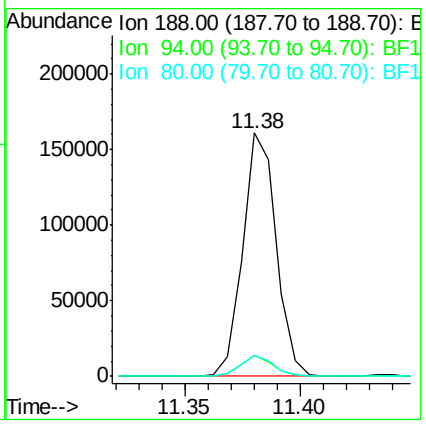


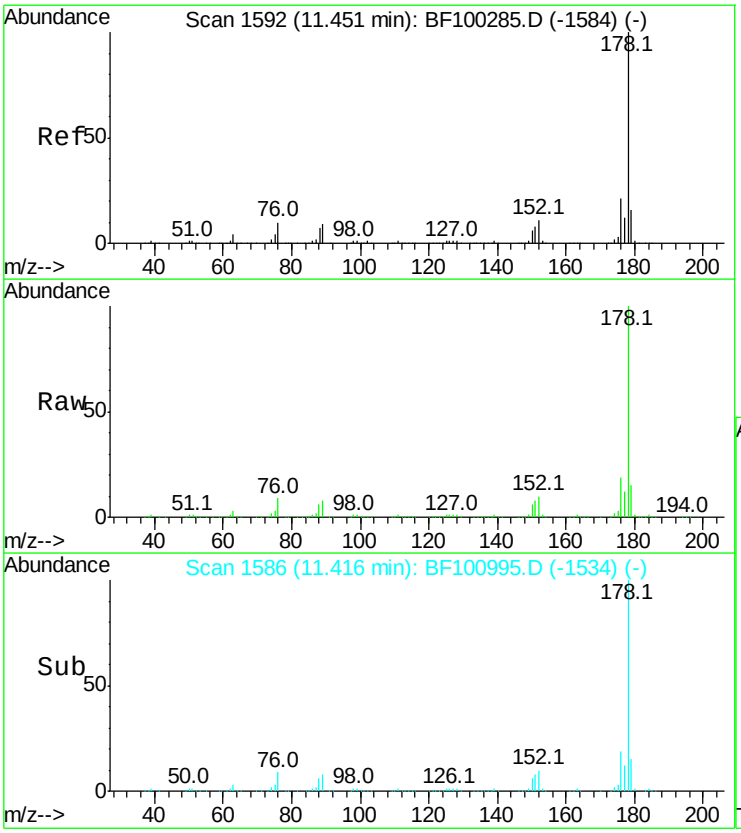
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 162429

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	8.7	9.2	13.8#

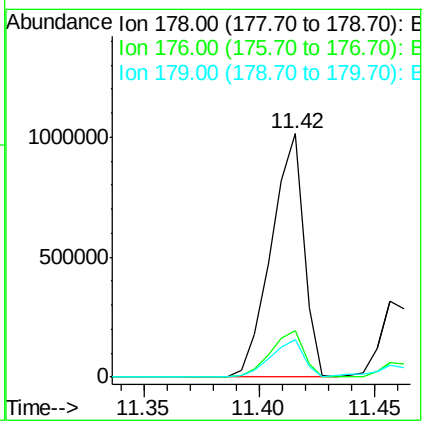


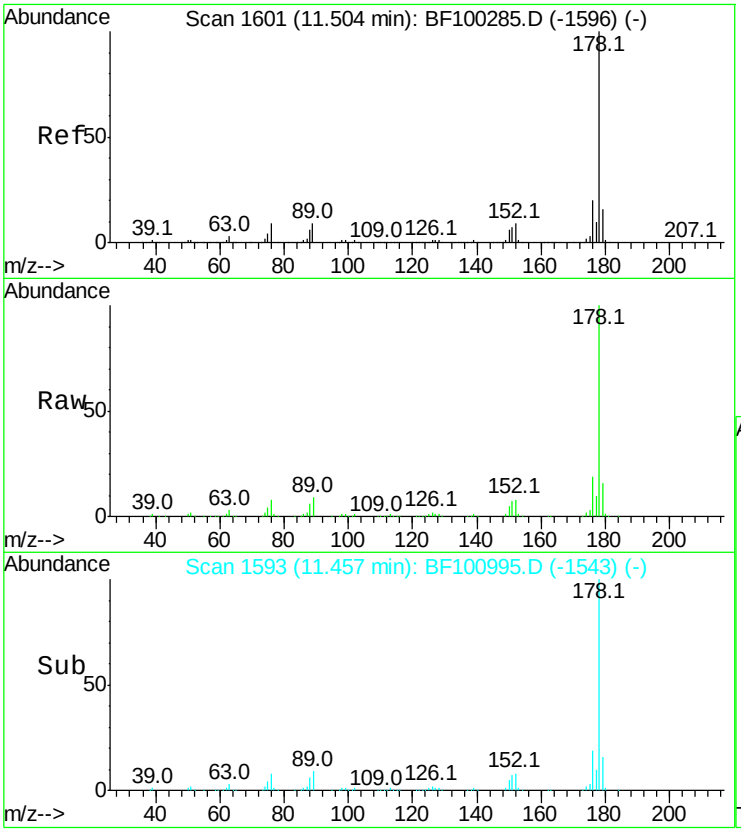


#70
Phenanthrene
Concen: 115.939 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:178 Resp: 991522

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.2	13.0	19.6



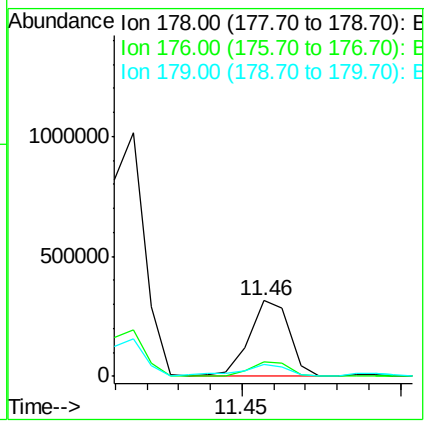


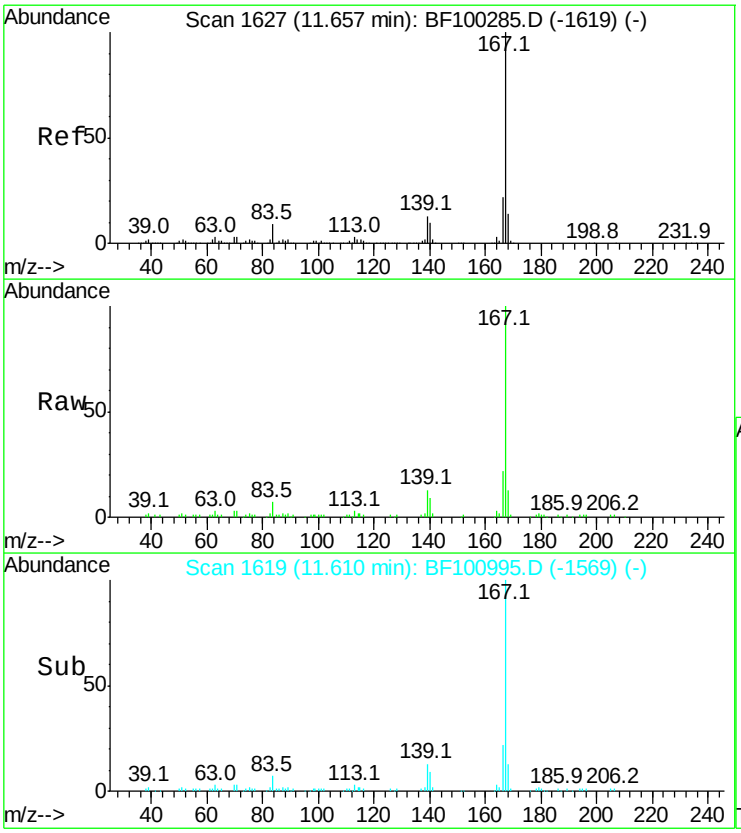
#71
Anthracene
Concen: 31.531 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 273581

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.7	12.6	19.0

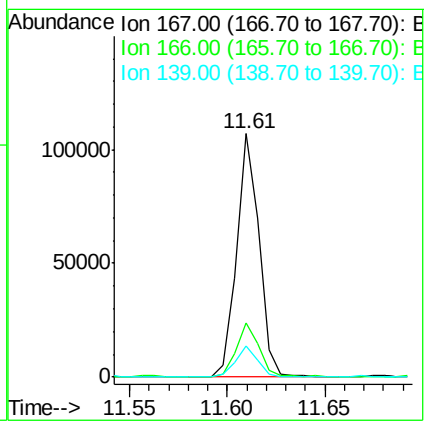


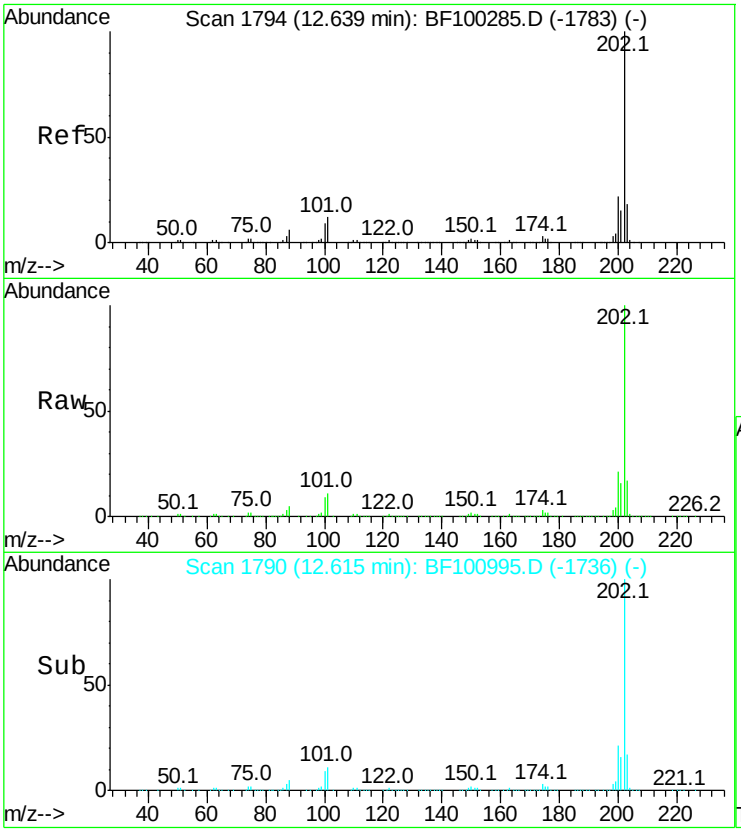


#72
Carbazole
Concen: 10.622 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:167 Resp: 85042

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.7	10.9	16.3



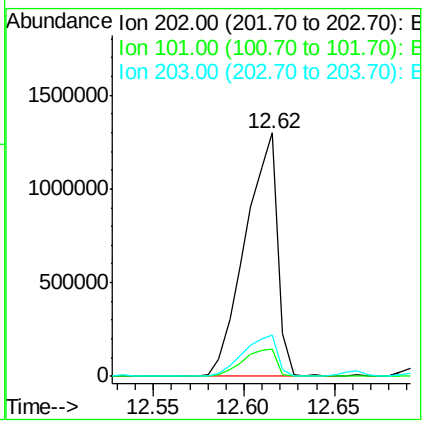


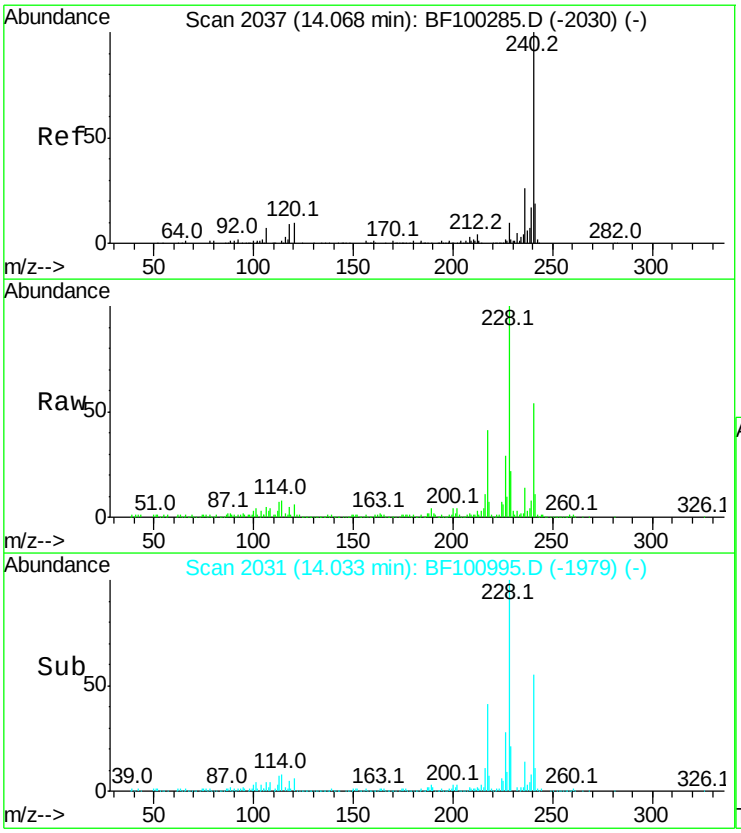
#74
Fluoranthene
Concen: 177.261 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.02 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1606626

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.2	0.0	38.1

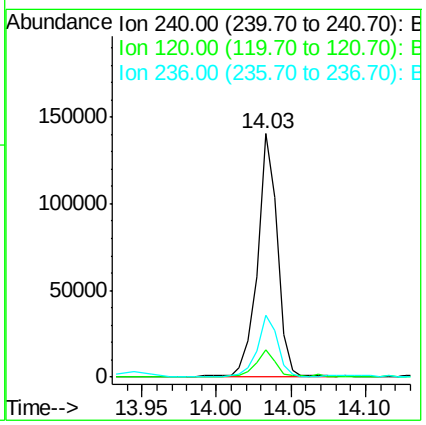


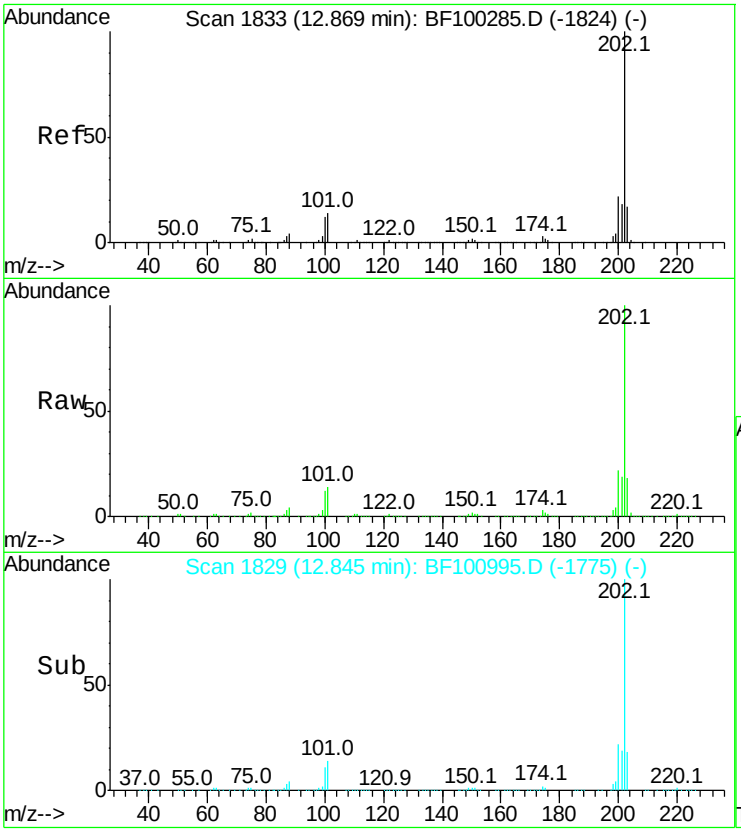


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:240 Resp: 126856

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.7	20.7	31.1



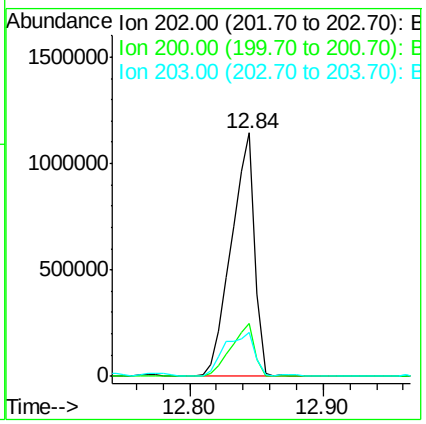


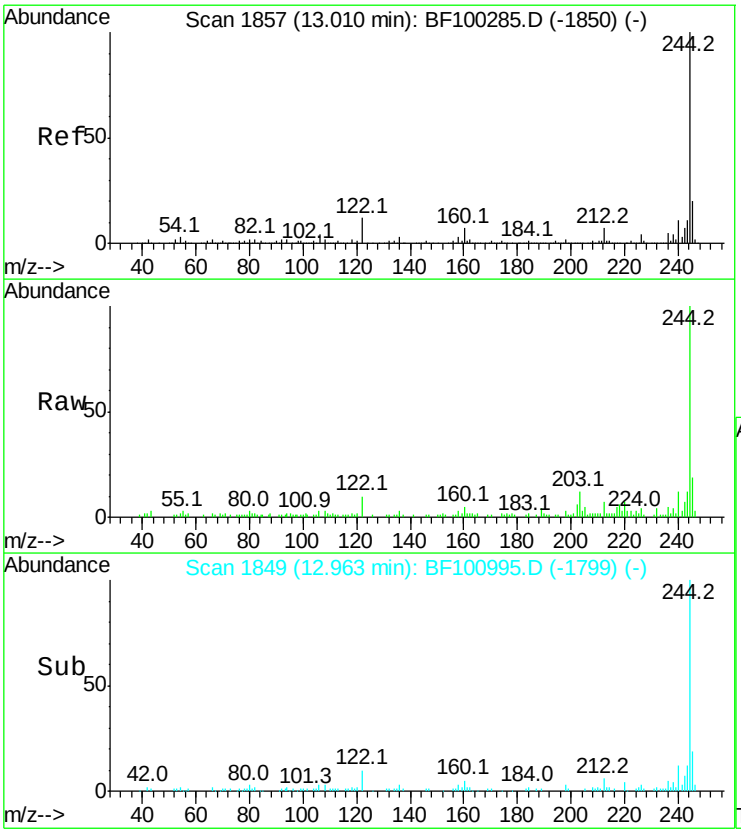
#77
Pyrene
Concen: 155.093 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.02 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1402474

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.2	14.3	21.5

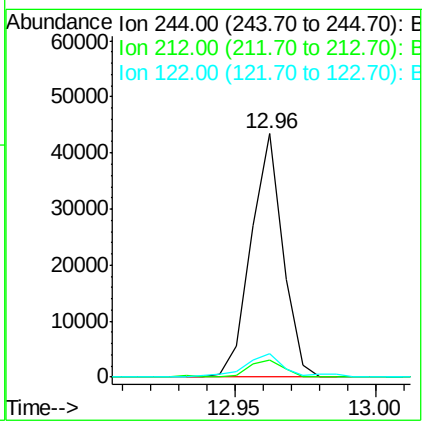


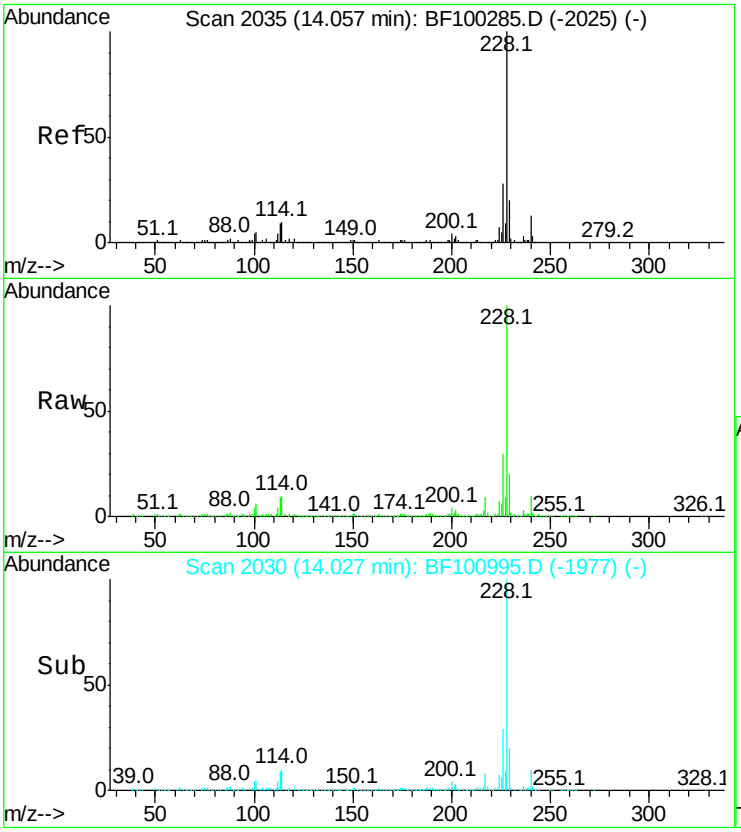


#78
Terphenyl-d14
Concen: 6.154 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:244 Resp: 33976

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.5	11.0	16.4#



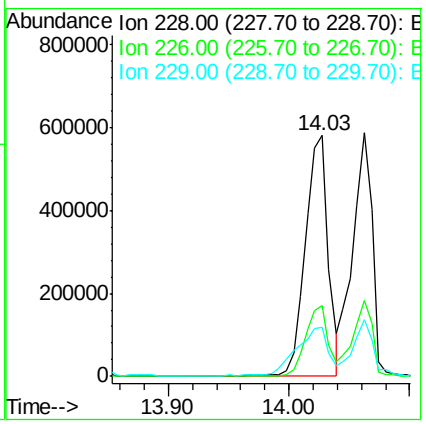


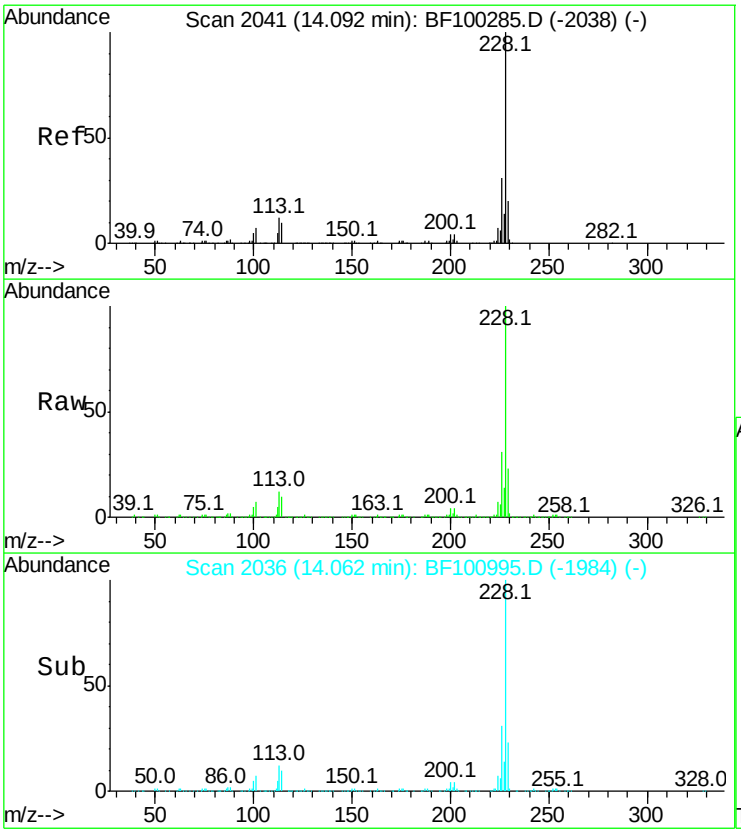
#80
Benzo(a)anthracene
Concen: 99.993 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 763867

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.4	15.8	23.6

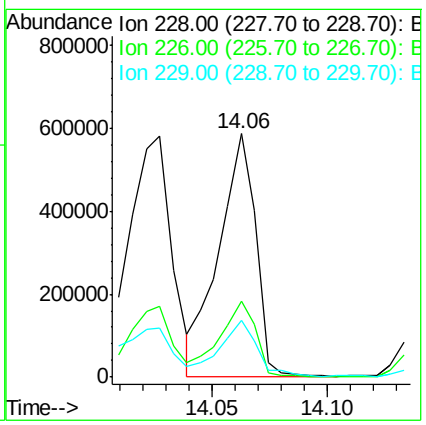


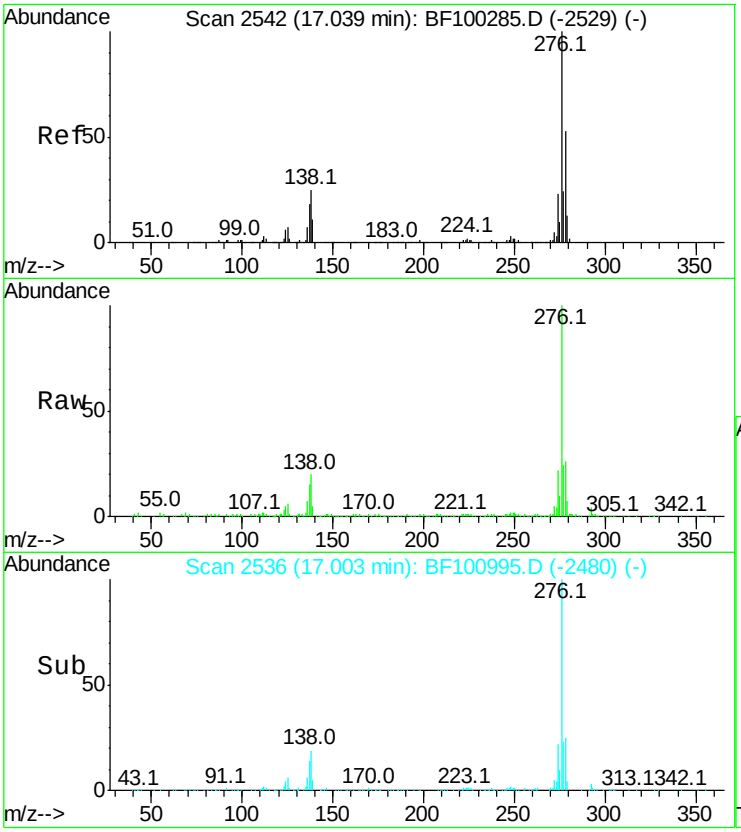


#82
Chrysene
Concen: 88.083 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:228 Resp: 651598

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	23.1	16.2	24.4



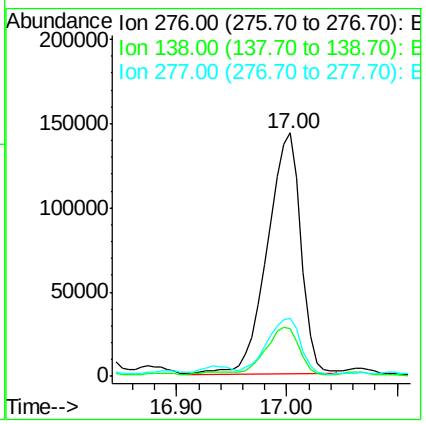


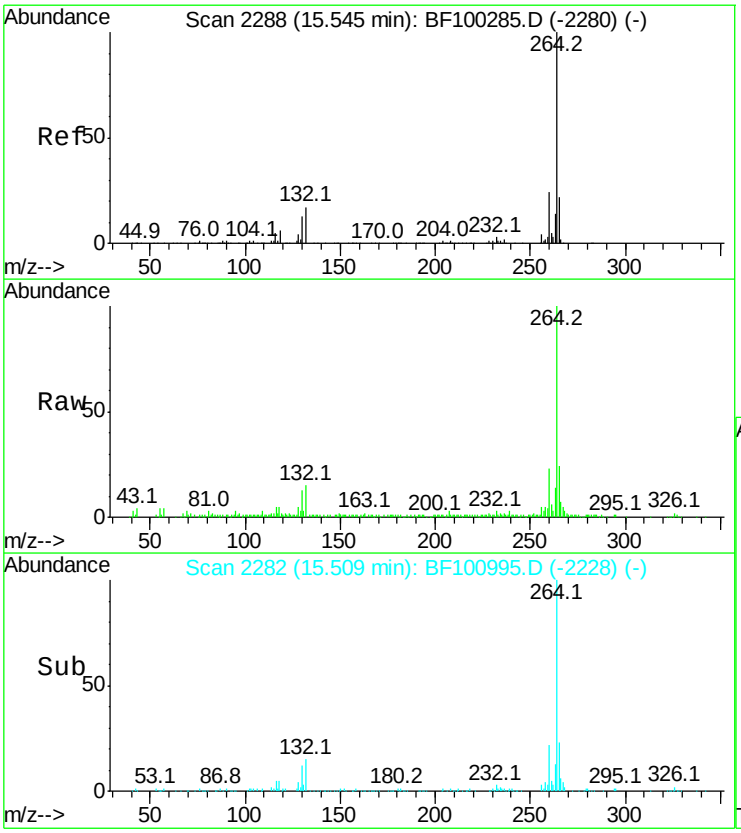
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.604 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.03 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 302790

Ion	Ratio	Lower	Upper
276	100		
138	19.4	25.0	37.6#
277	23.0	20.1	30.1

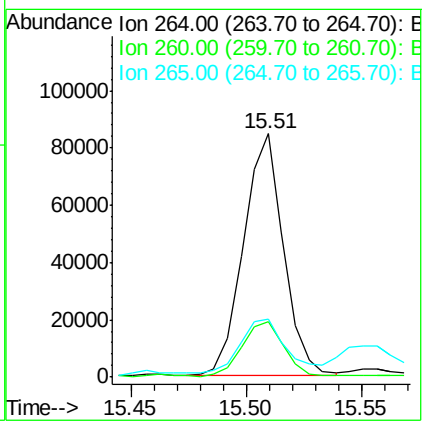


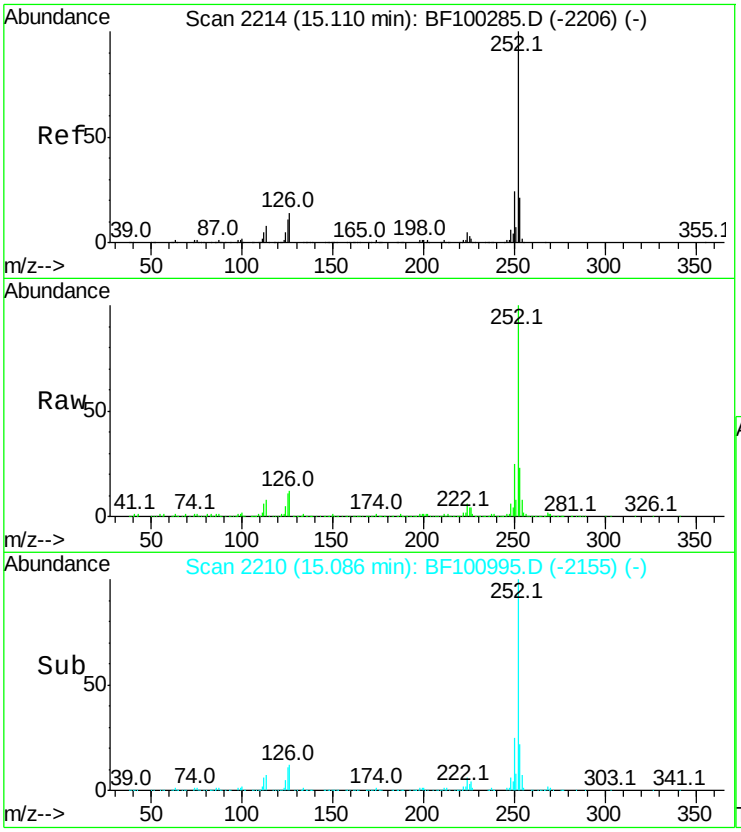


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.02 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:264 Resp: 101263

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	23.6	17.5	26.3



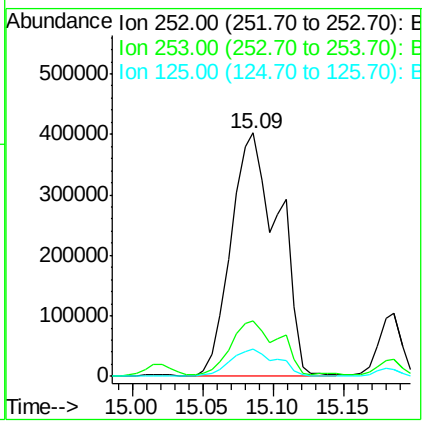


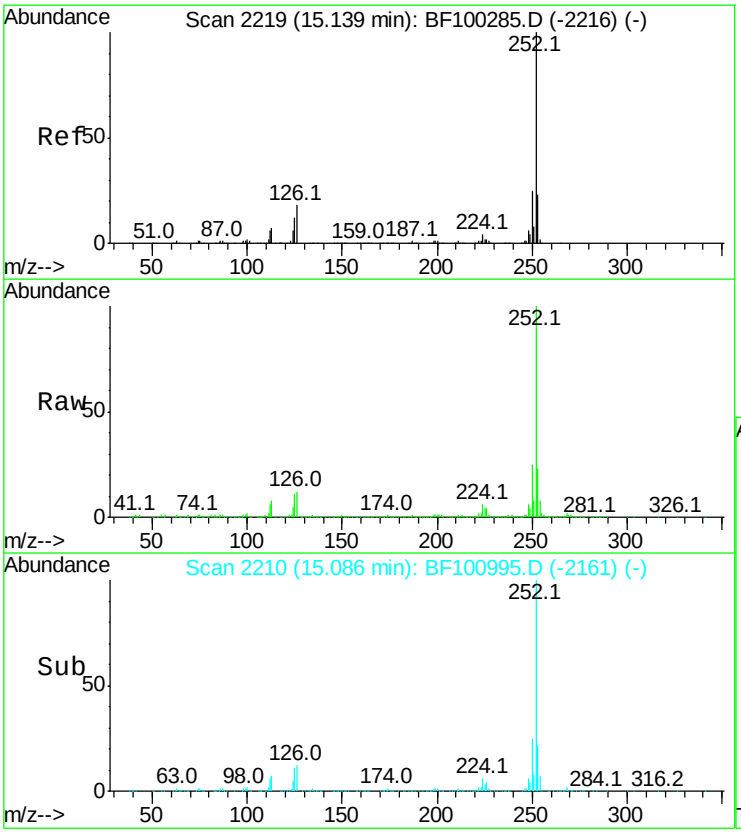
#87
Benzo(b)fluoranthene
Concen: 157.467 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.02 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 944688

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.1	9.0	13.6

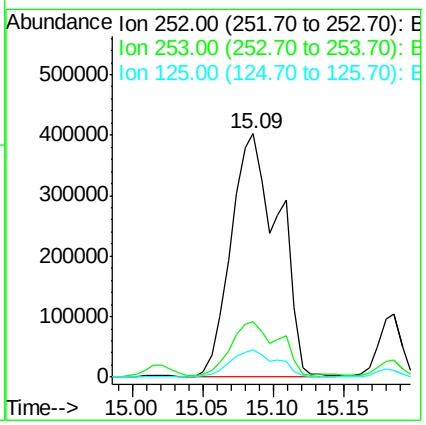


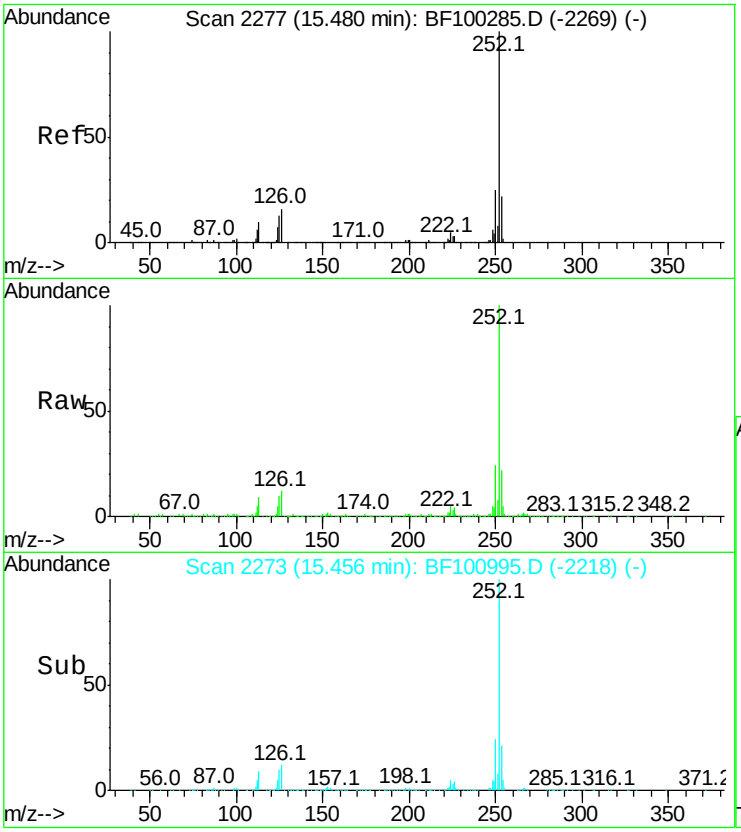


#88
Benzo(k)fluoranthene
Concen: 166.656 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:252 Resp: 944688

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	11.1	10.2	15.2



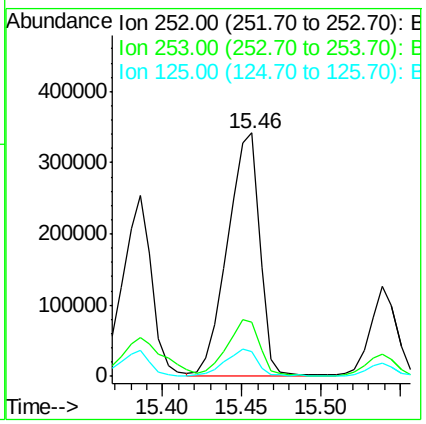


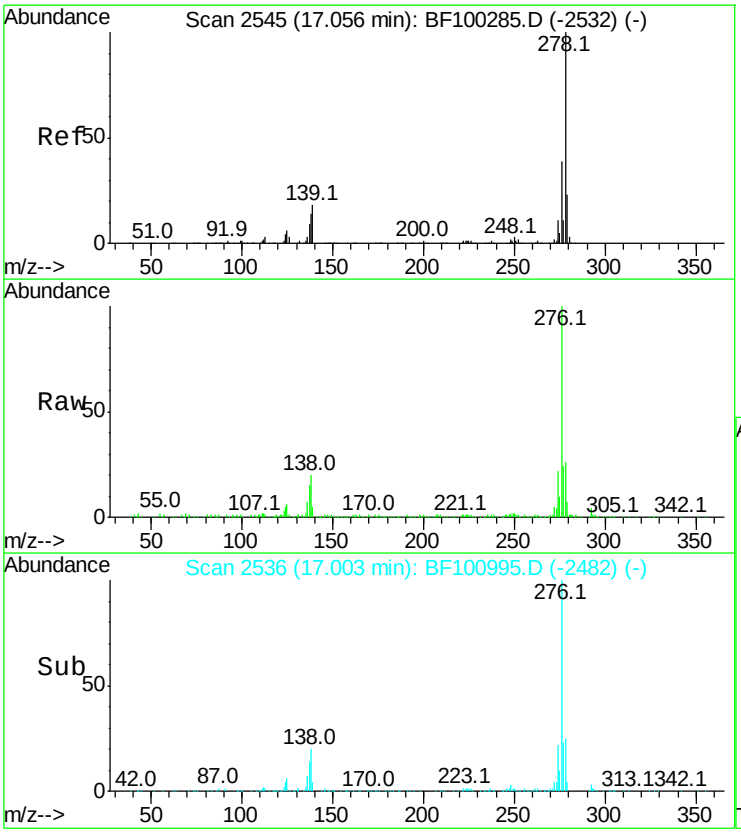
#89
Benzo(a)pyrene
Concen: 89.810 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 477661

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	10.1	9.8	14.6

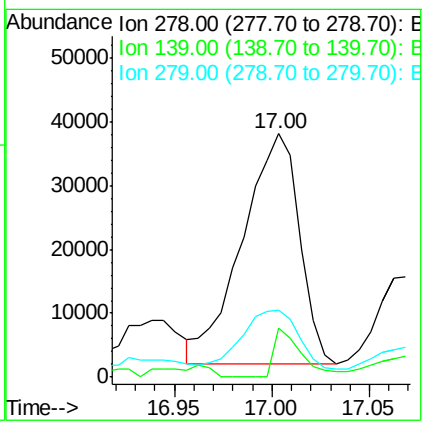


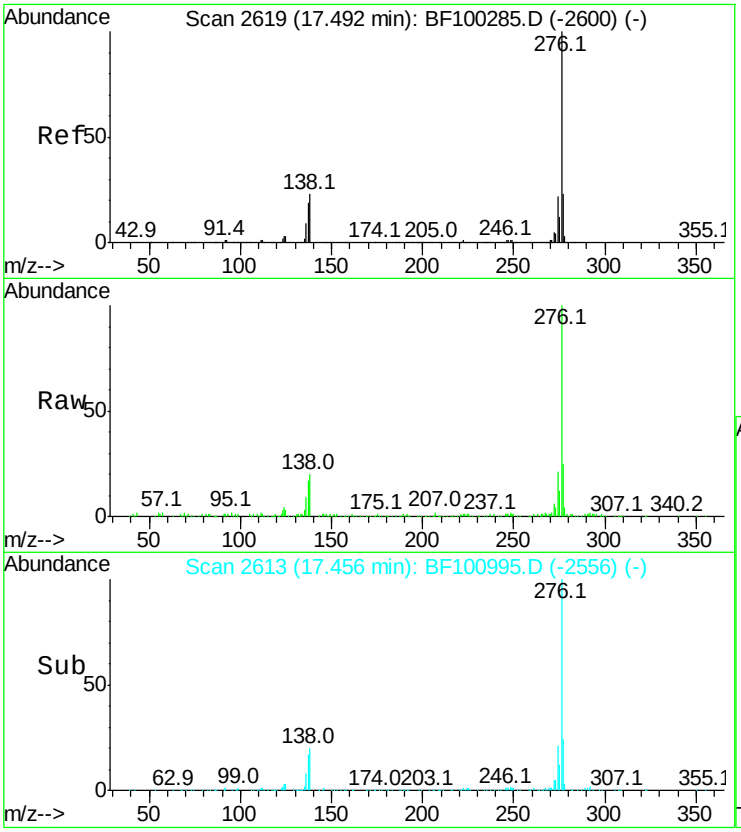


#90
Dibenzo(a,h)anthracene
Concen: 16.763 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Tgt Ion:278 Resp: 72914

Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.9	23.9
279	27.6	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 64.054 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.04 min
Lab File: BF100995.D
Acq: 29 Nov 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 272728

Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	20.1	21.8	32.8#