Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100993.D
Acq On : 29 Nov 2017 22:05
Operator : SJ/JU
Sample : I6610-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 23:45:03 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	56005	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	204994	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	82696	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	141359	20.00	ng		0.00
75) Chrysene-d12	14.03	240	114562	20.00	ng		0.00
86) Perylene-d12	15.50	264	92722	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	311183	89.07	ng		0.00
7) Phenol-d6	6.49	99	380325	88.28	ng		0.00
23) Nitrobenzene-d5	7.42	82	218582	70.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	78790	93.50	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	435207	80.14	ng		0.00
78) Terphenyl-d14	12.96	244	346320	69.46	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.50	94	14172	3.133	ng		91
19) n-Nitroso-di-n-propylamine	7.42	70	28992	9.703	ng	#	82
25) Isophorone	7.42	82	218579	33.546	ng	#	64
31) Naphthalene	8.16	128	29965	3.035	ng		99
32) Benzoic acid	7.92	122	584	9.581	ng	#	16
47) 2-Nitroaniline	9.60	65	331	2.987	ng	#	1
48) Acenaphthylene	9.75	152	47478	5.521	ng		98
49) Dimethylphthalate	9.60	163	36153	5.726	ng		99
51) Acenaphthene	9.92	154	30492	5.831	ng		97
54) Dibenzofuran	10.09	168	28888	3.941	ng		96
55) 4-Nitrophenol	10.09	139	10087	8.417	ng	#	11
57) Fluorene	10.44	166	38898	7.244	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	5087	3.357	ng	#	1
70) Phenanthrene	11.41	178	566893	76.167	ng		98
71) Anthracene	11.46	178	141874	18.789	ng		98
72) Carbazole	11.61	167	57070	8.191	ng		98
74) Fluoranthene	12.60	202	857379	108.695	ng		97
77) Pyrene	12.83	202	791177	96.882	ng		99
80) Benzo(a)anthracene	14.02	228	413039	59.870	ng		98
82) Chrysene	14.06	228	381567	57.115	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	20500	4.680	ng	#	97
87) Benzo(b)fluoranthene	15.07	252	506402	92.186	ng		98
88) Benzo(k)fluoranthene	15.07	252	506402	97.566	ng		98
89) Benzo(a)pyrene	15.44	252	254594	52.278	ng		96
90) Dibenzo(a,h)anthracene	16.99	278	39650	9.955	ng	#	76
91) Benzo(g,h,i)perylene	17.44	276	142245	36.486	ng	#	92

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

Quantitation Report (Not Reviewed)

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Data File : BF100993.D
Acq On : 29 Nov 2017 22:05
Operator : SJ/JU
Sample : I6610-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 29 23:45:03 2017
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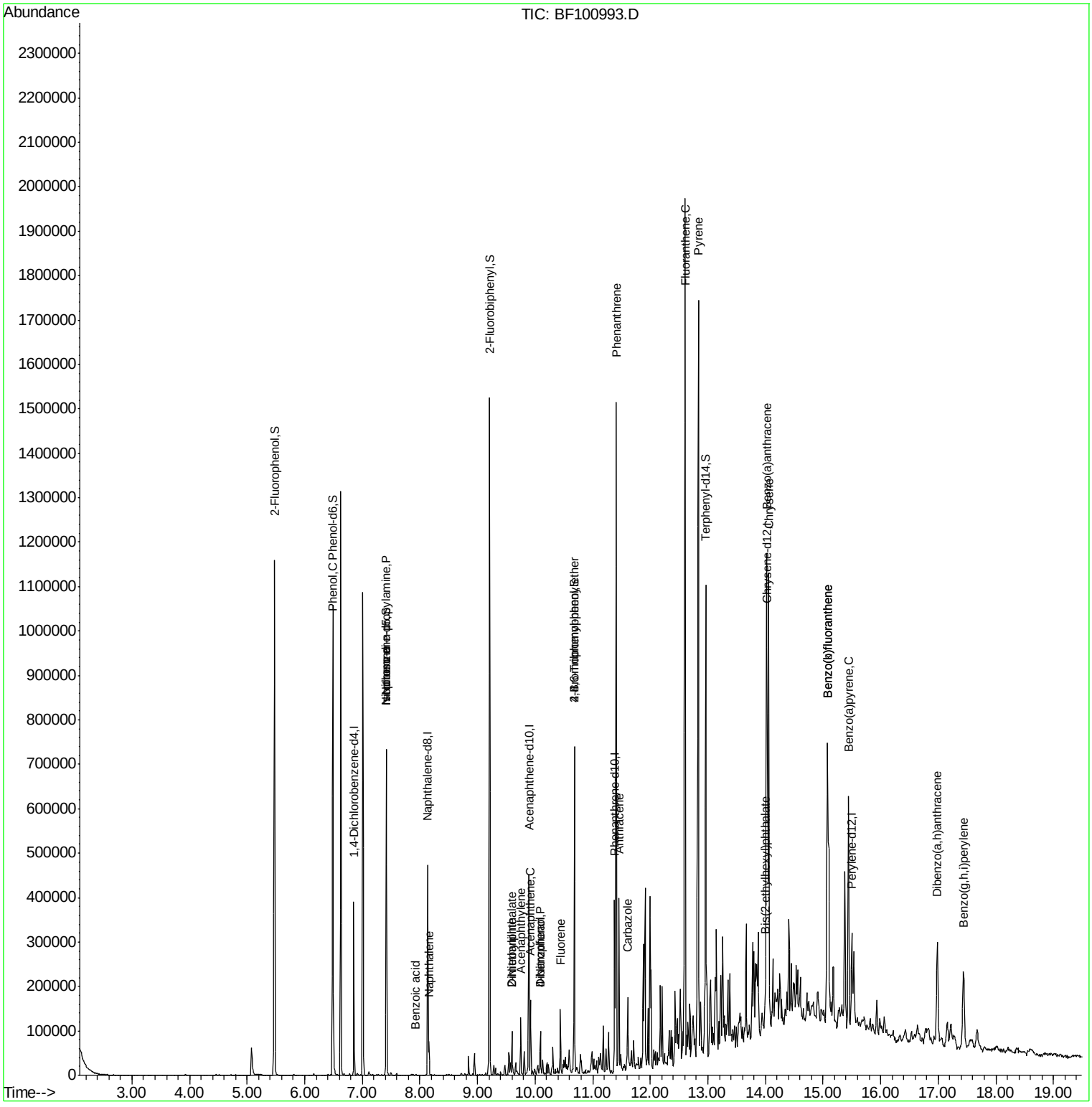
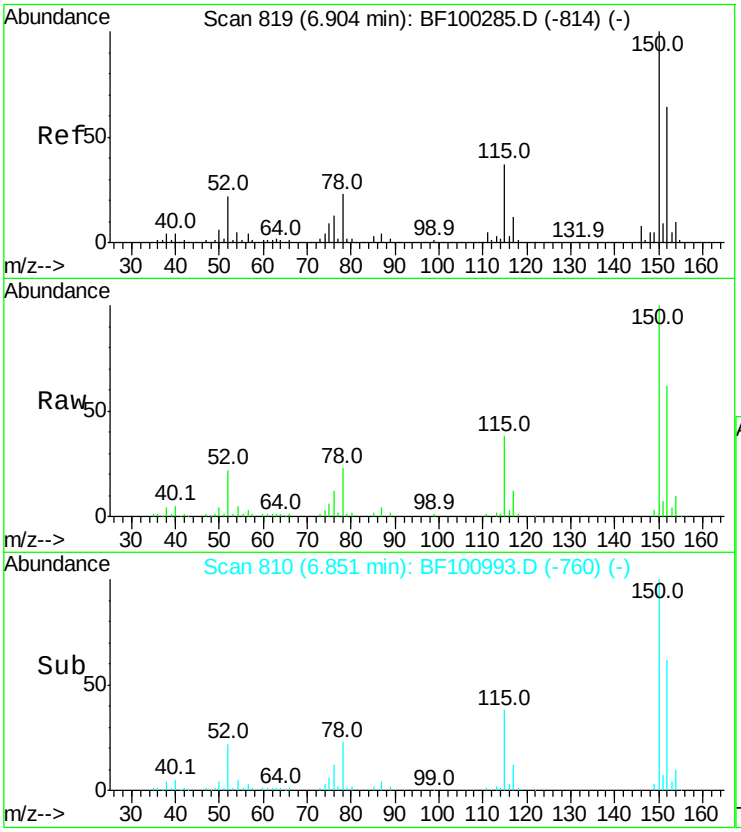
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration



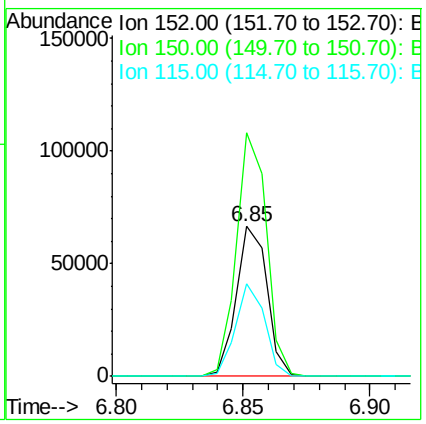


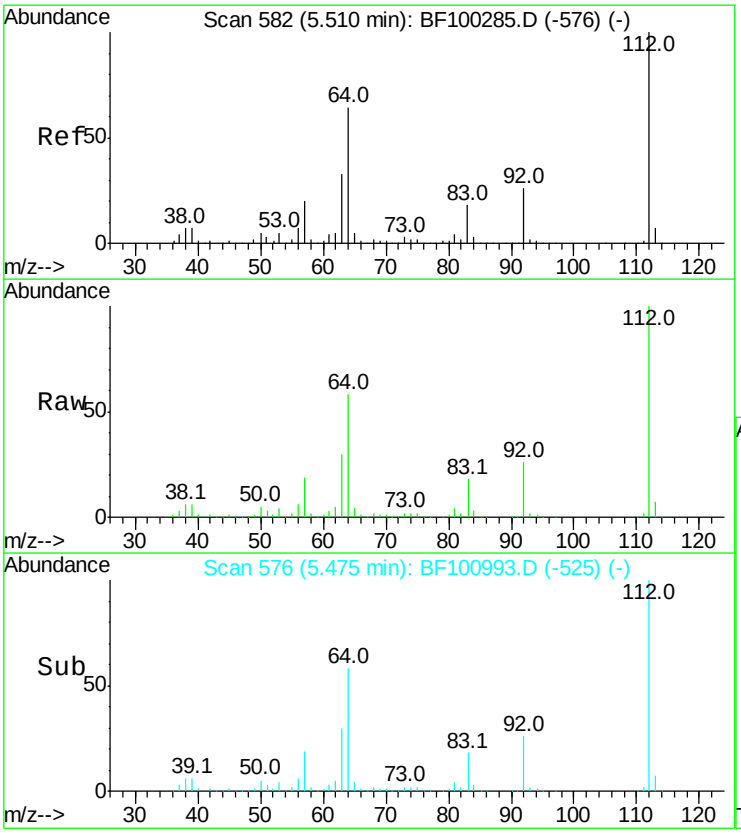
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 56005

Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.6	186.8
115	61.9	50.1	75.1

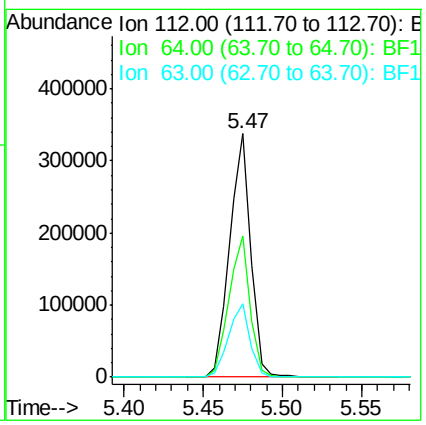


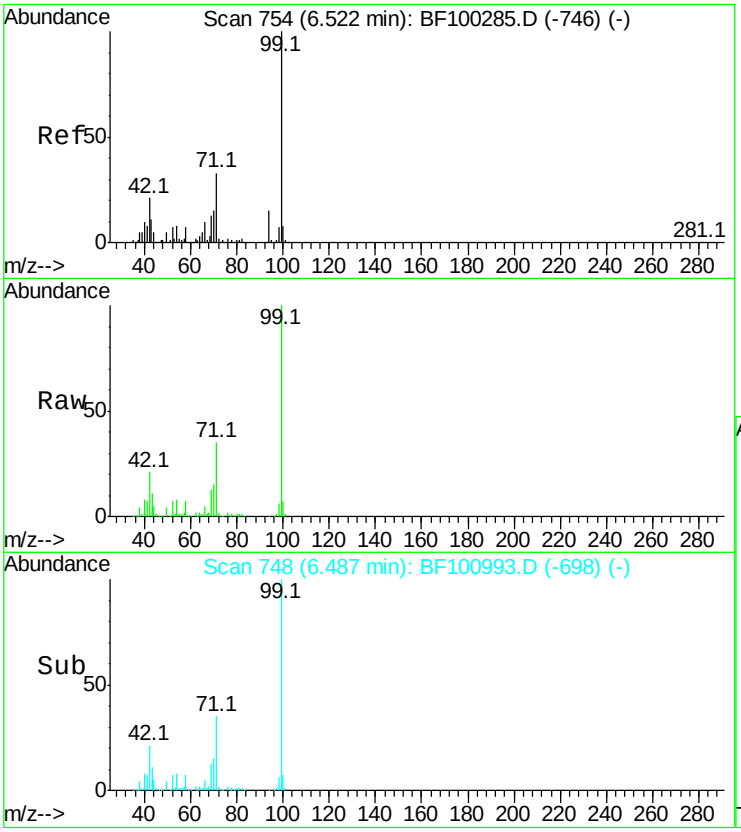


#5
2-Fluorophenol
Concen: 89.067 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:112 Resp: 311183

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	30.4	23.7	35.5



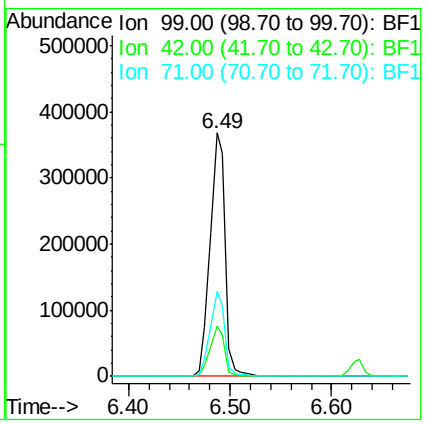


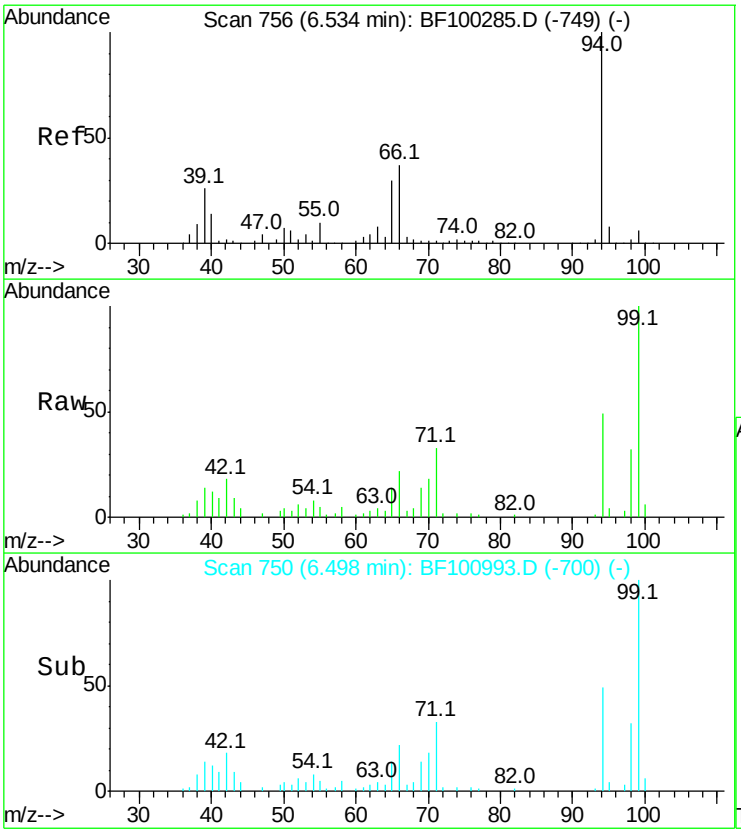
#7
Phenol-d6
Concen: 88.277 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 380325

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	34.7	25.4	38.0

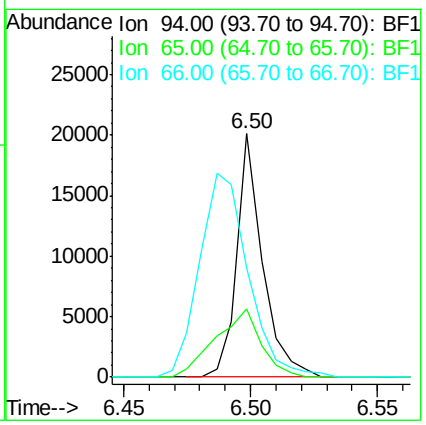


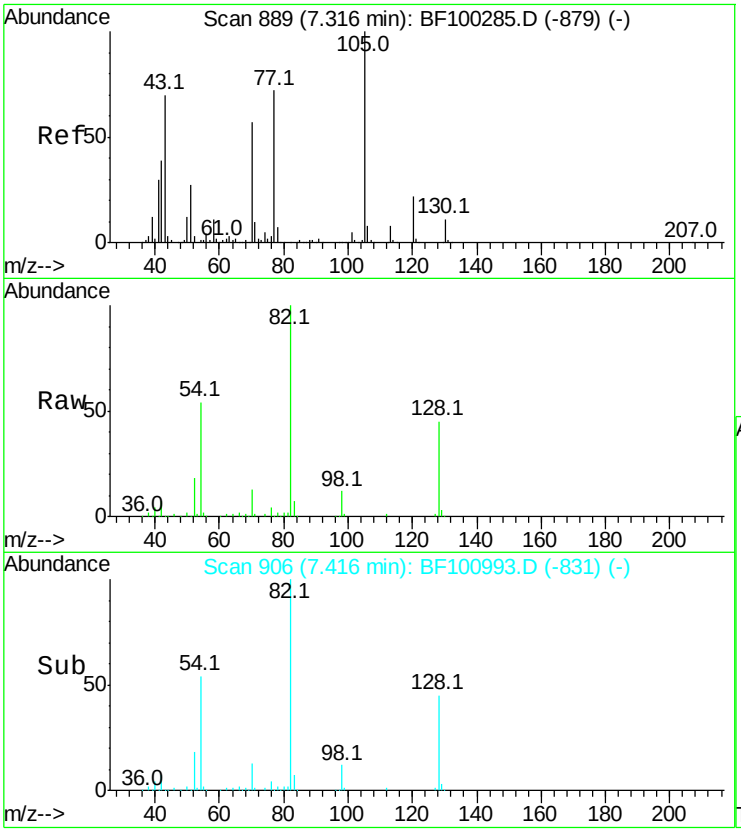


#10
Phenol
Concen: 3.133 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion: 94 Resp: 14172

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	45.0	16.2	56.2



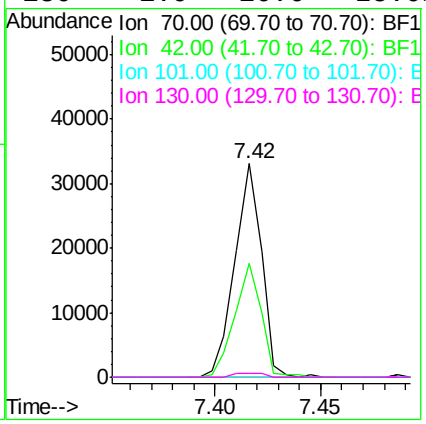


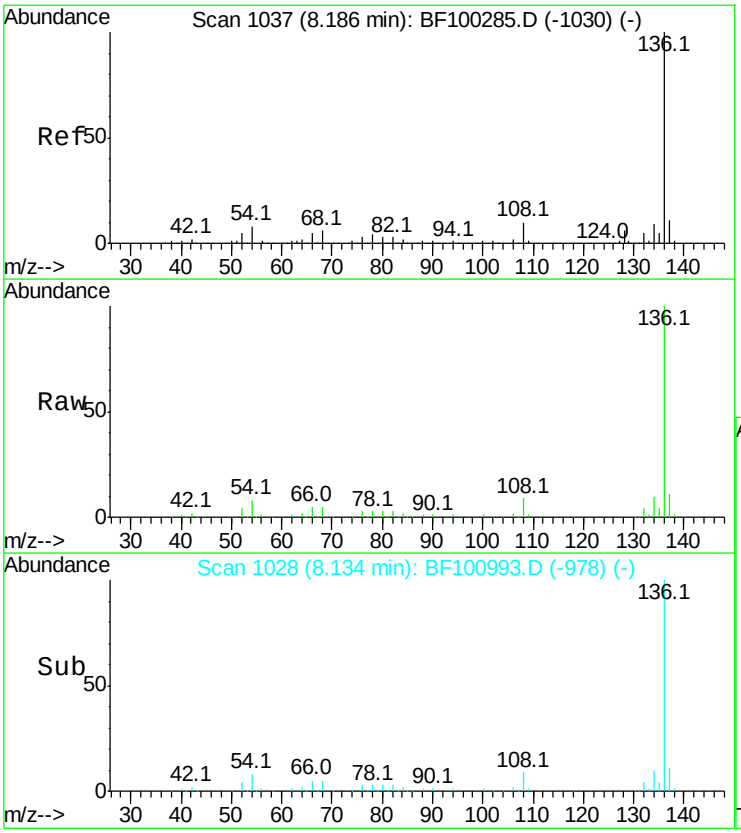
#19
n-Nitroso-di-n-propylamine
Concen: 9.703 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 28992

Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

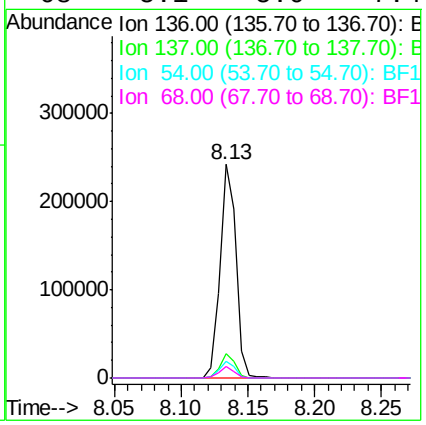


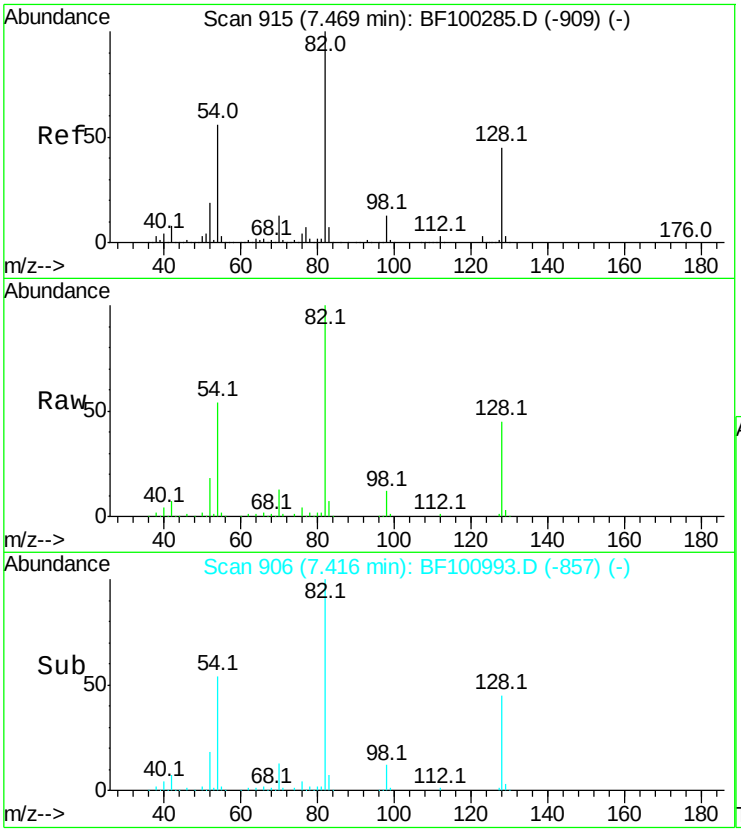


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:136 Resp: 204994

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.9	6.6	9.8
68	5.1	5.0	7.4



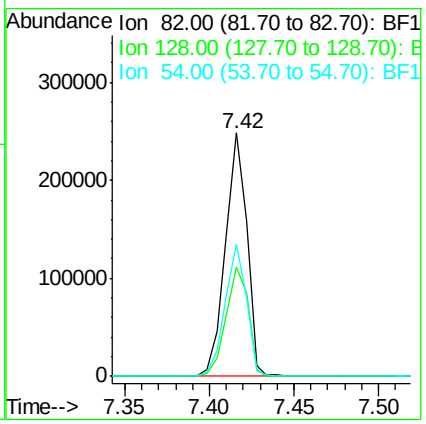


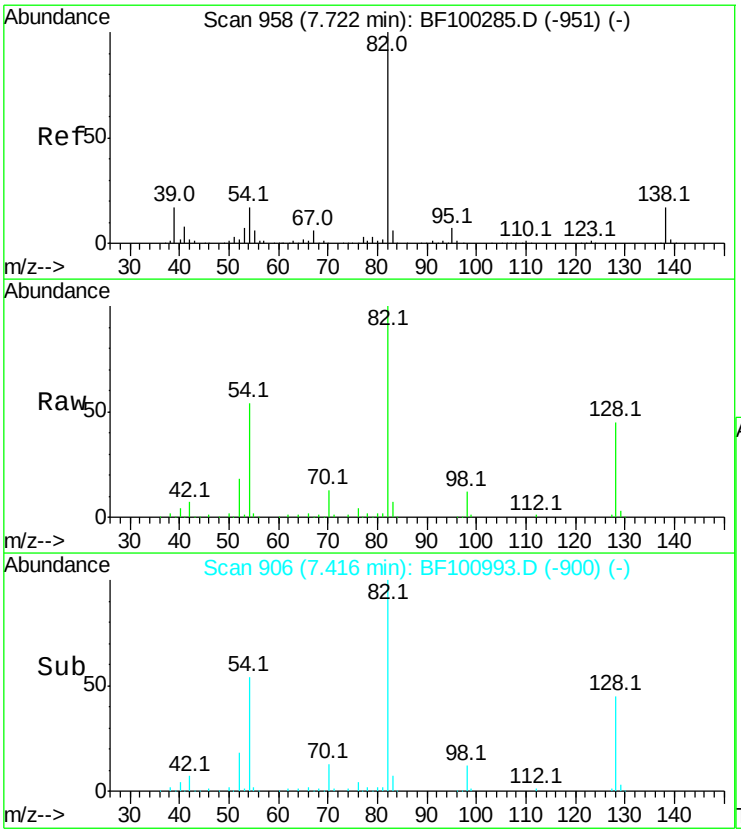
#23
Nitrobenzene-d5
Concen: 70.496 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 218582

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	54.4	41.4	62.2

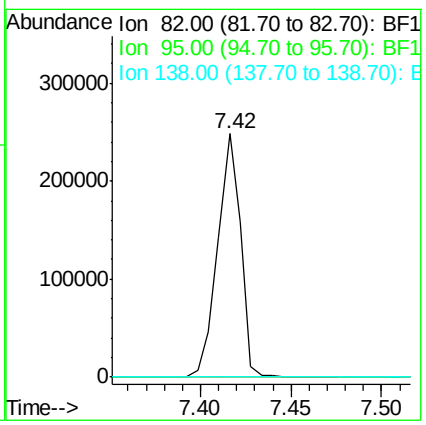


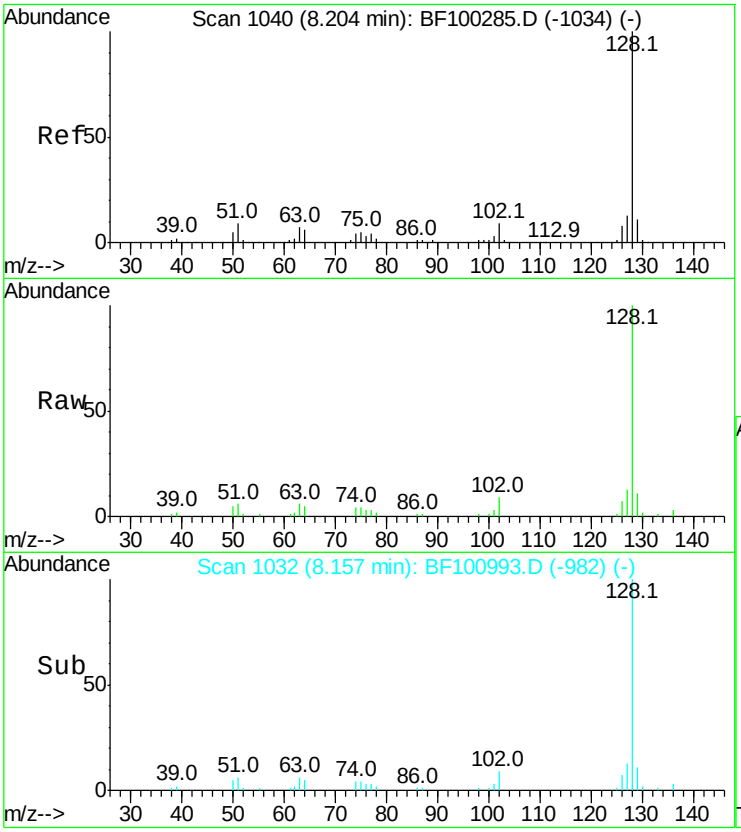


#25
Isophorone
Concen: 33.546 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion: 82 Resp: 218579

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



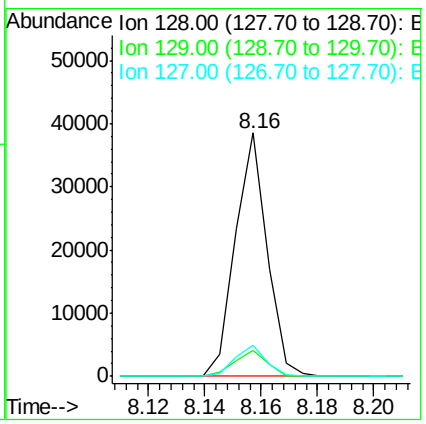


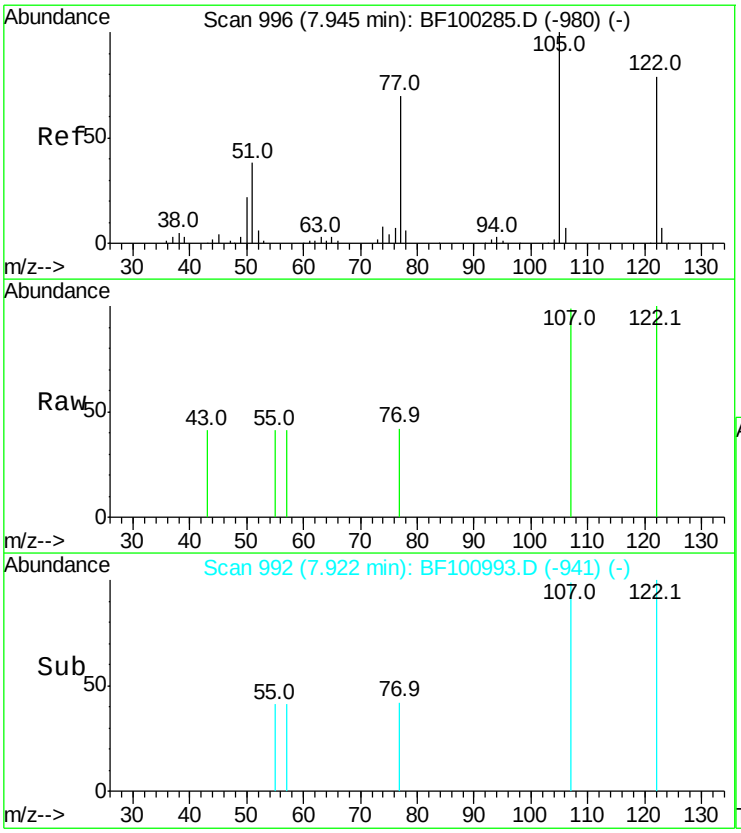
#31
Naphthalene
Concen: 3.035 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 29965

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.0	10.9	16.3

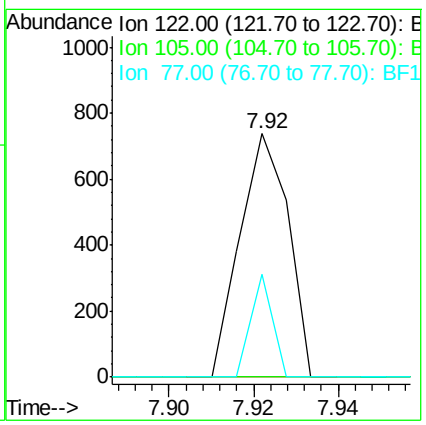


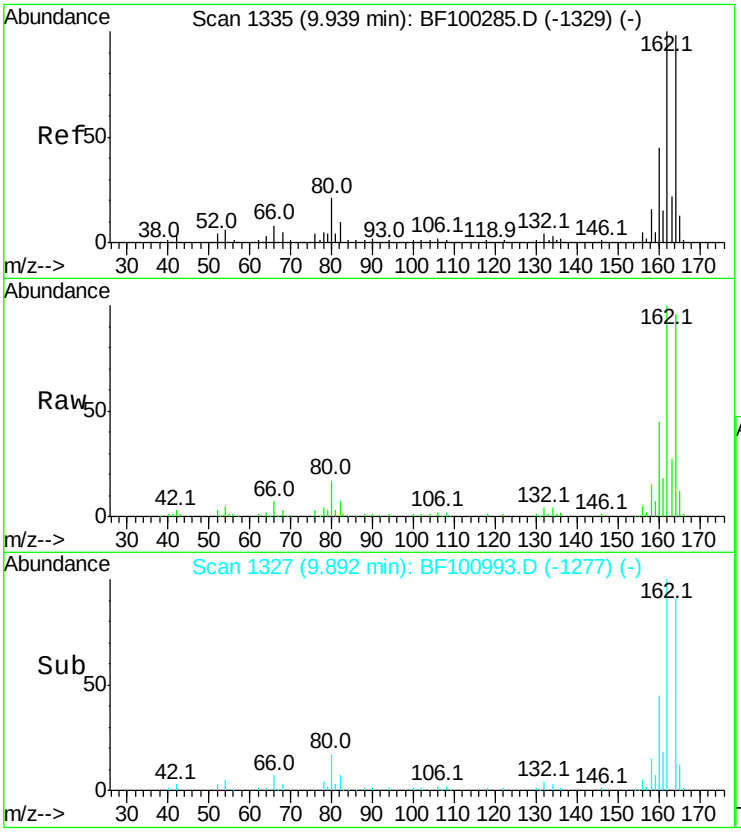


#32
Benzoic acid
Concen: 9.581 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:122 Resp: 584

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	42.0	70.7	110.7#



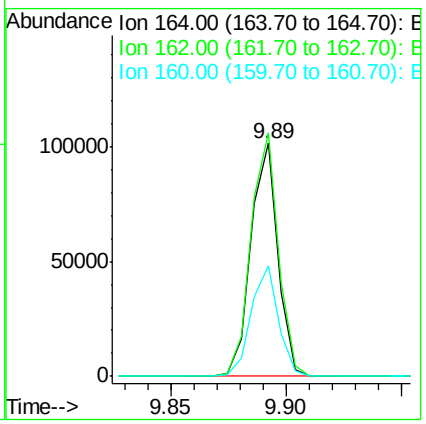


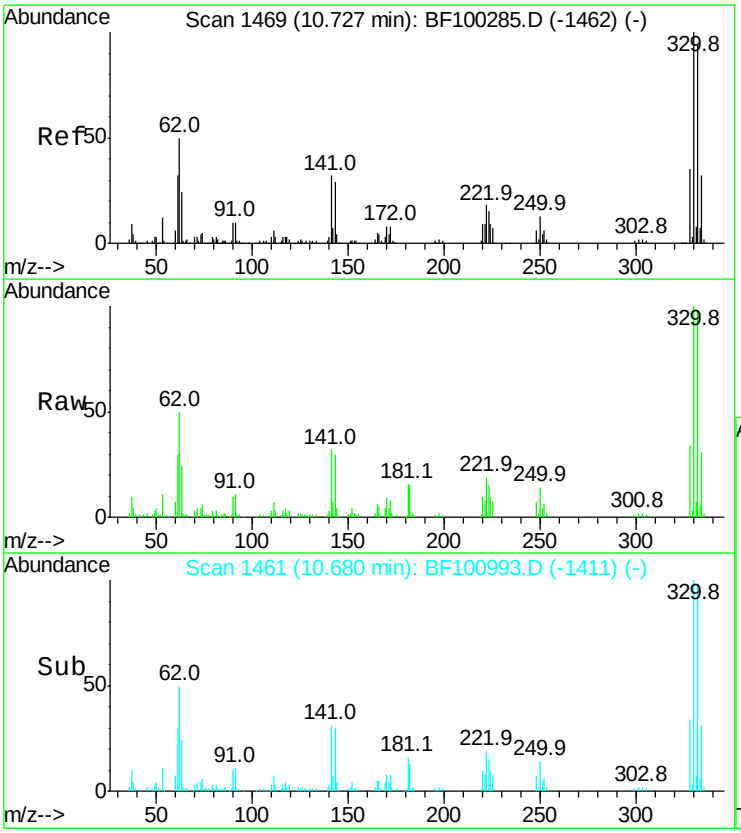
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 82696

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	47.4	38.3	57.5

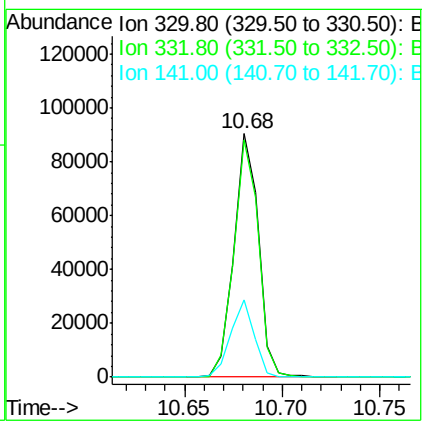


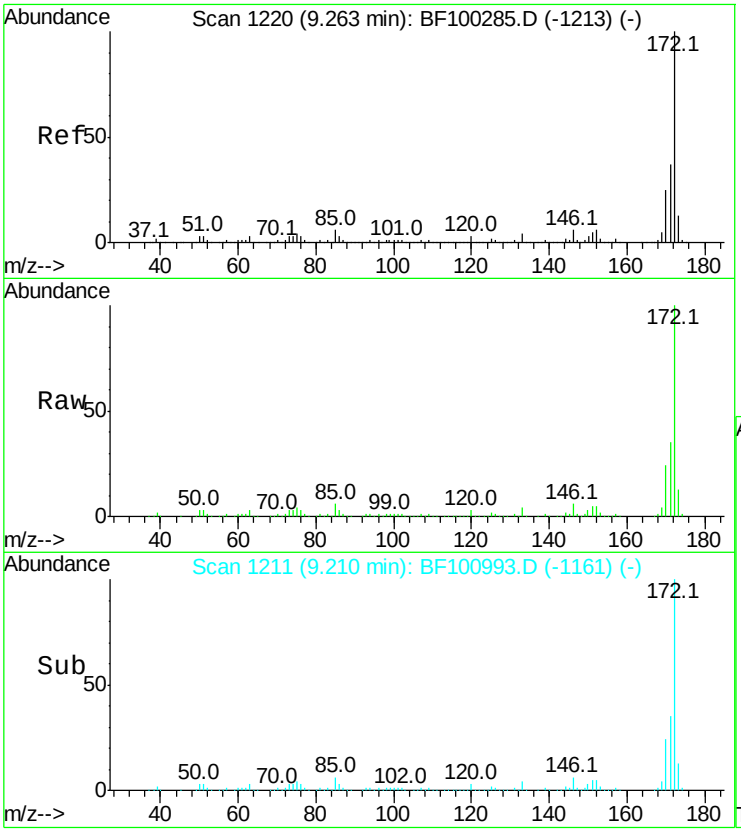


#41
2,4,6-Tribromophenol
Concen: 93.500 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:330 Resp: 78790

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	31.0	29.9	44.9



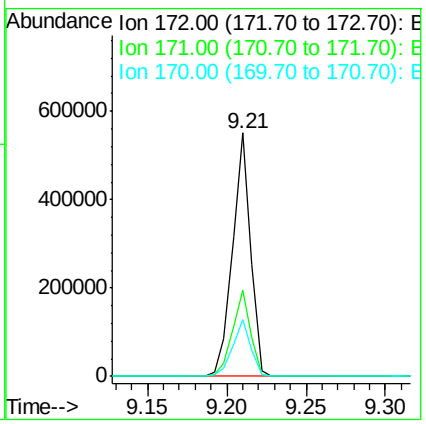


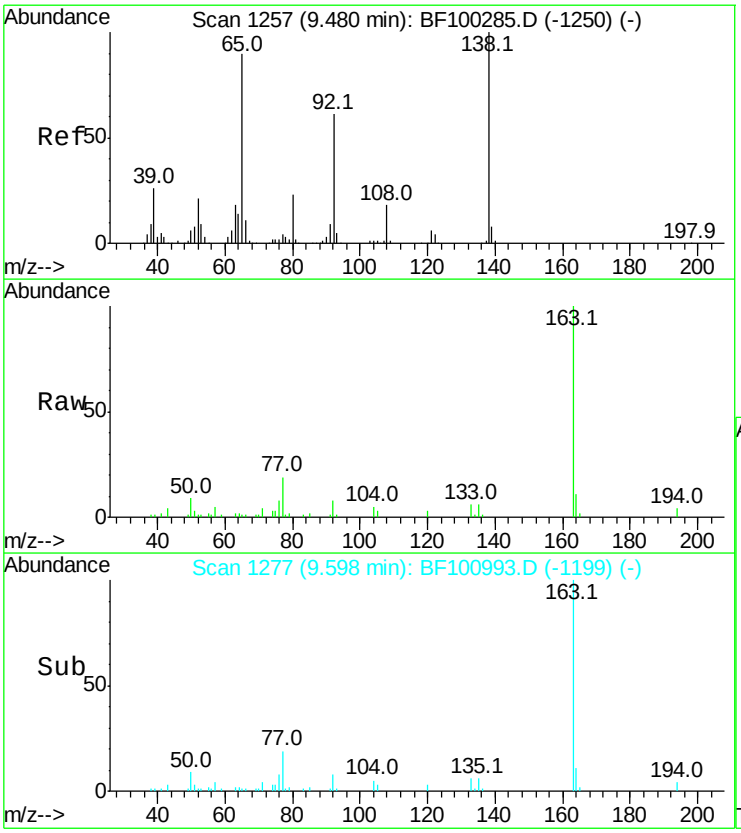
#44
2-Fluorobiphenyl
Concen: 80.136 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 435207

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.5	19.6	29.4

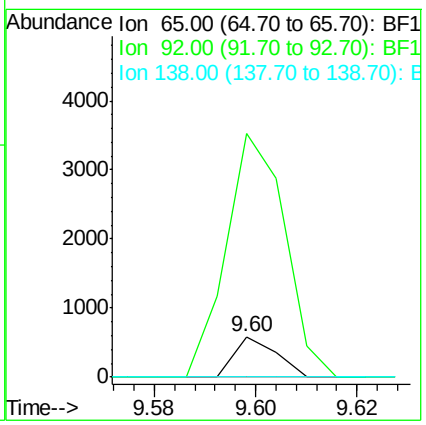


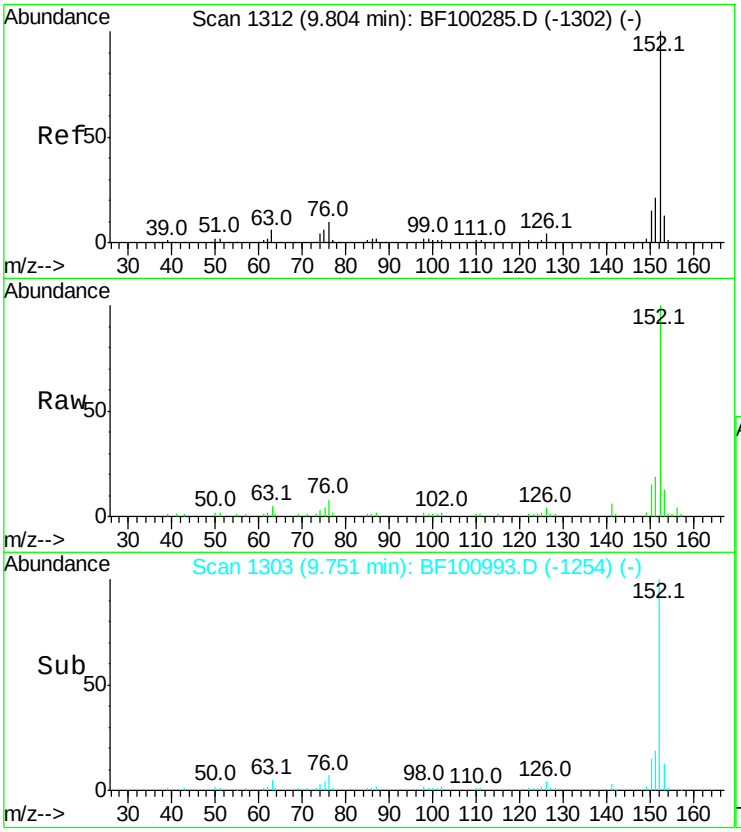


#47
2-Nitroaniline
Concen: 2.987 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.16 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion: 65 Resp: 331

Ion	Ratio	Lower	Upper
65	100		
92	599.7	55.8	83.6#
138	0.0	91.2	136.8#



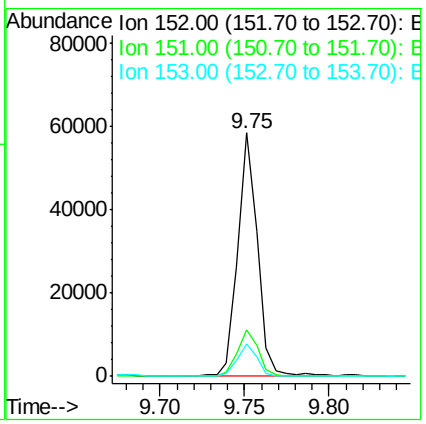


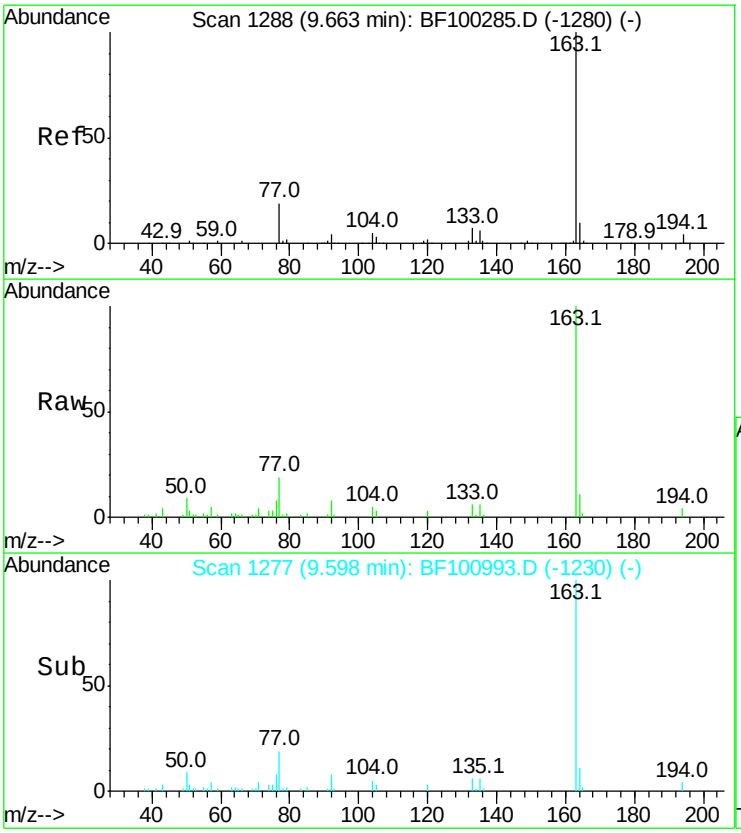
#48
Acenaphthylene
Concen: 5.521 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 47478

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.3	24.5
153	13.2	10.7	16.1

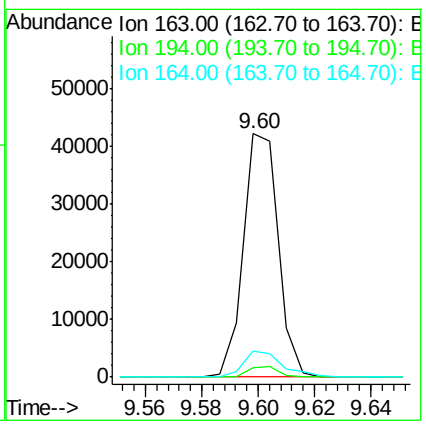


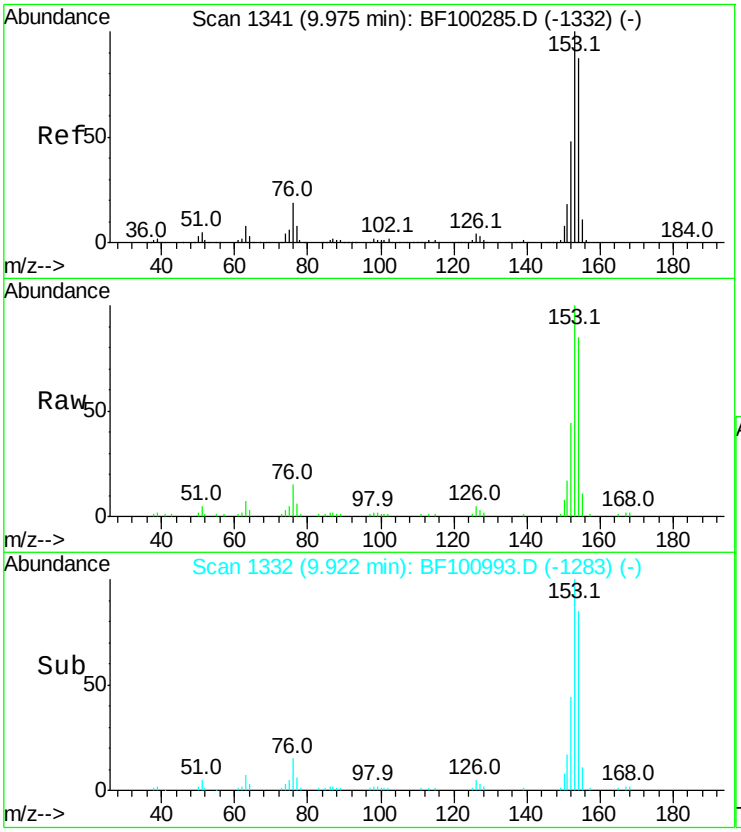


#49
Dimethylphthalate
Concen: 5.726 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:163 Resp: 36153

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.7	8.2	12.2



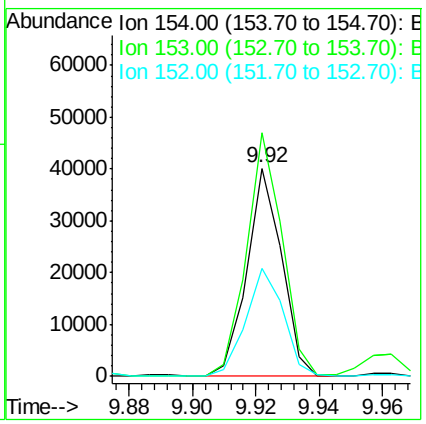


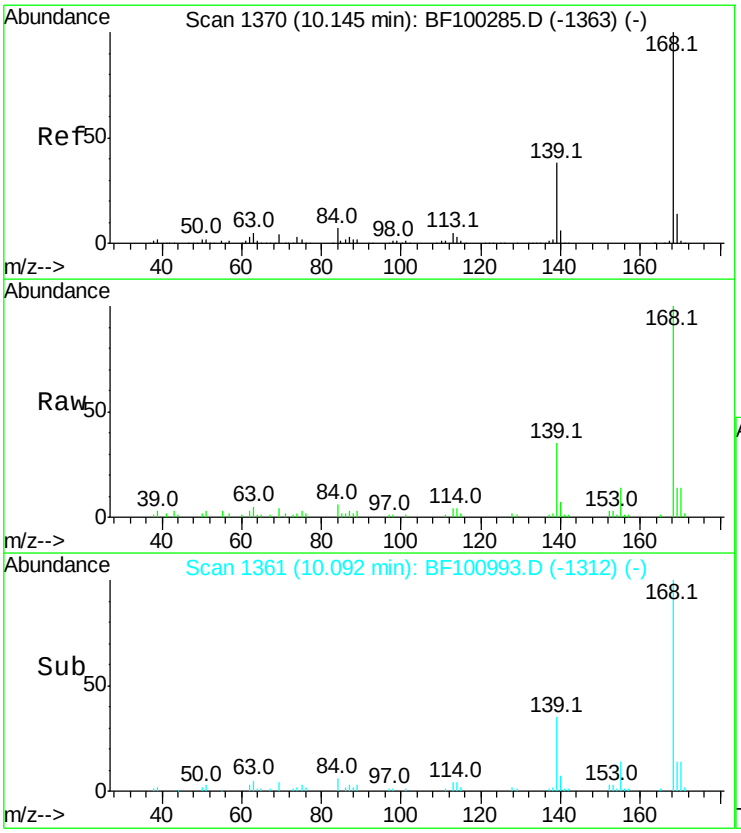
#51
Acenaphthene
Concen: 5.831 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 30492

Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.2	136.8
152	52.0	43.8	65.8

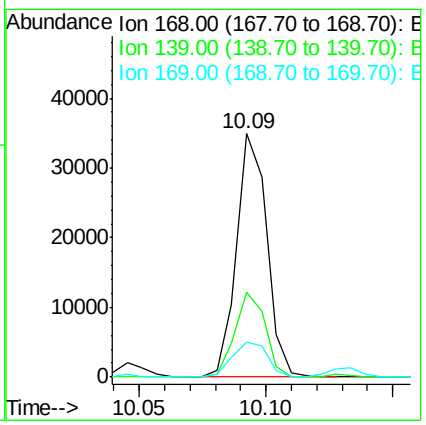


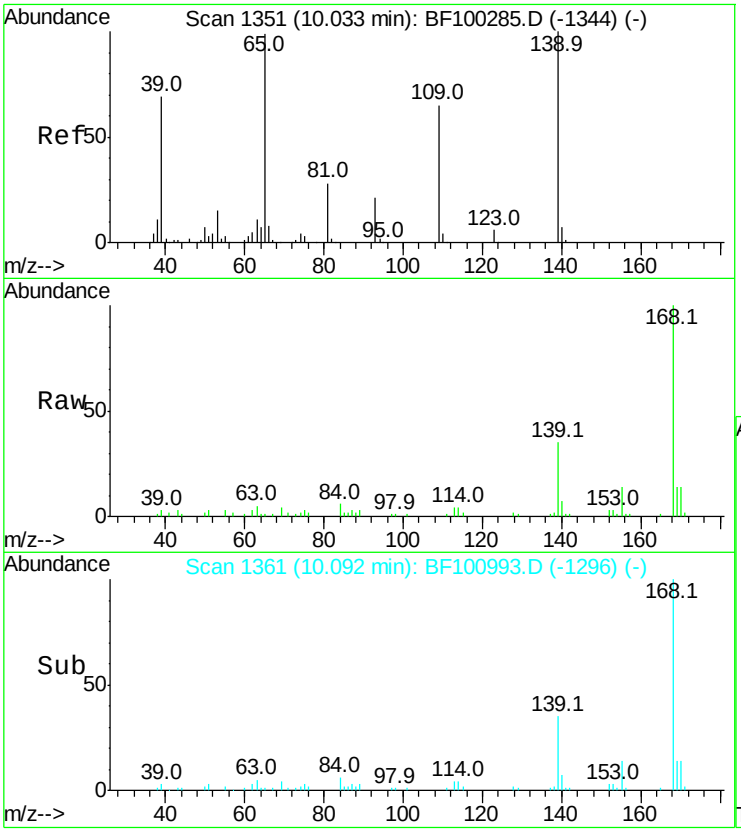


#54
Dibenzofuran
Concen: 3.941 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:168 Resp: 28888

Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.1	45.1
169	14.5	10.9	16.3



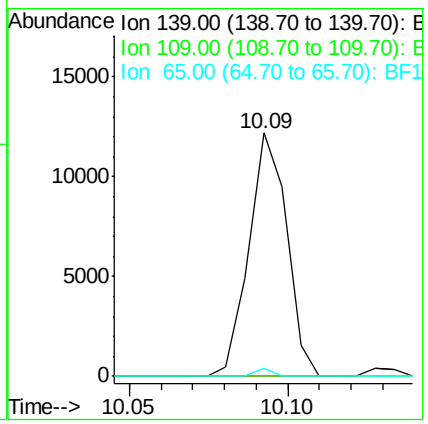


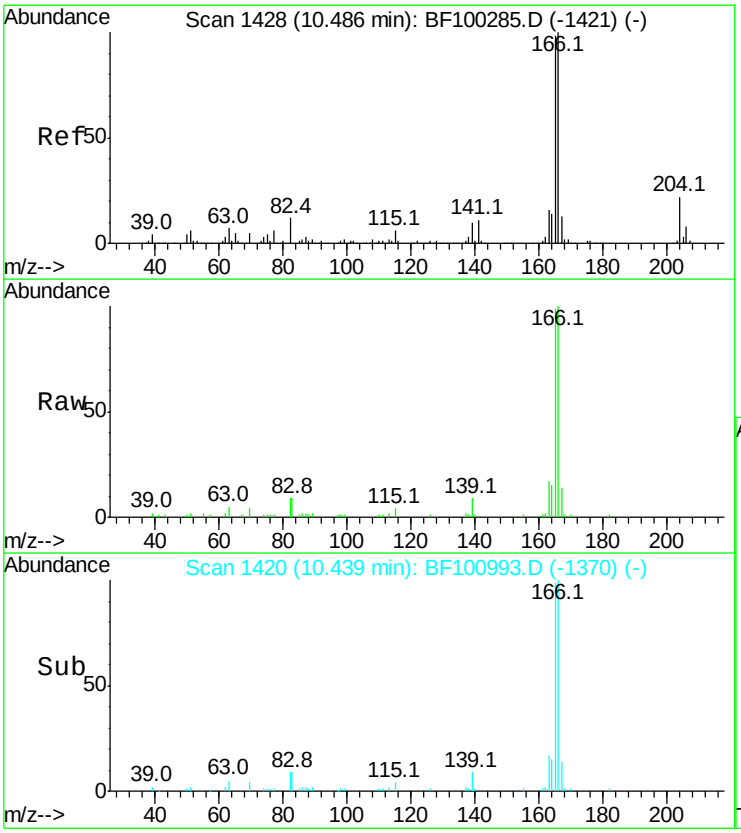
#55
4-Nitrophenol
Concen: 8.417 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 10087

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	3.5	72.6	112.6#

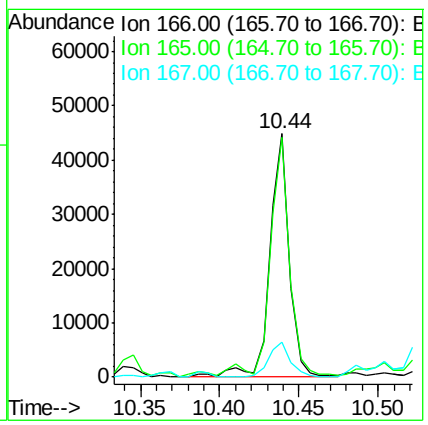


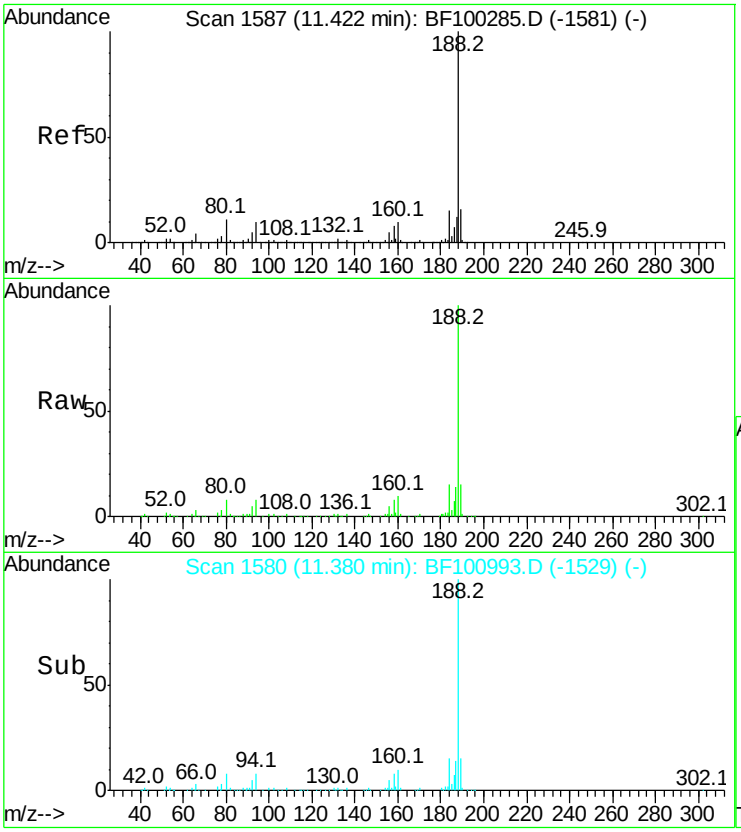


#57
Fluorene
Concen: 7.244 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:166 Resp: 38898

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	14.5	10.6	16.0



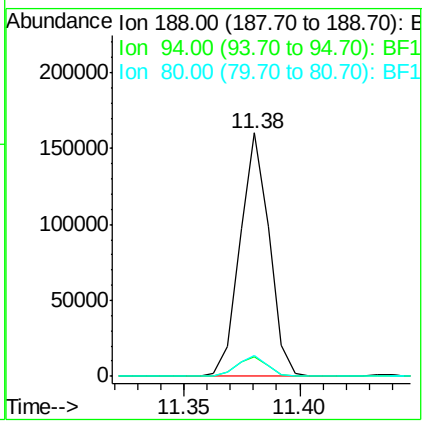


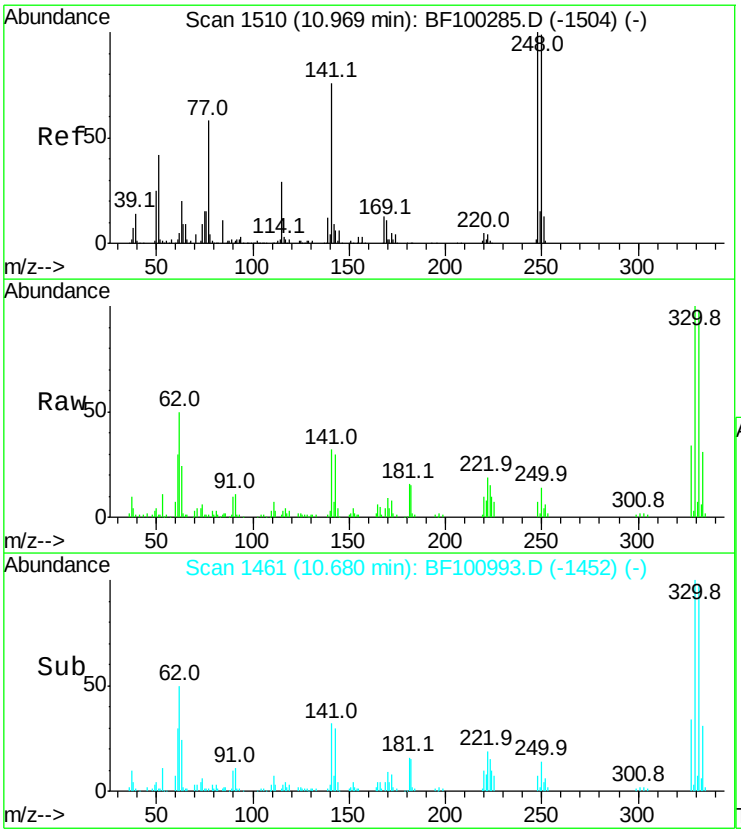
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 141359

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.3	9.2	13.8#

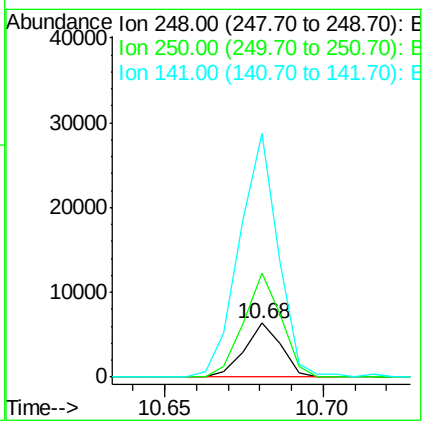


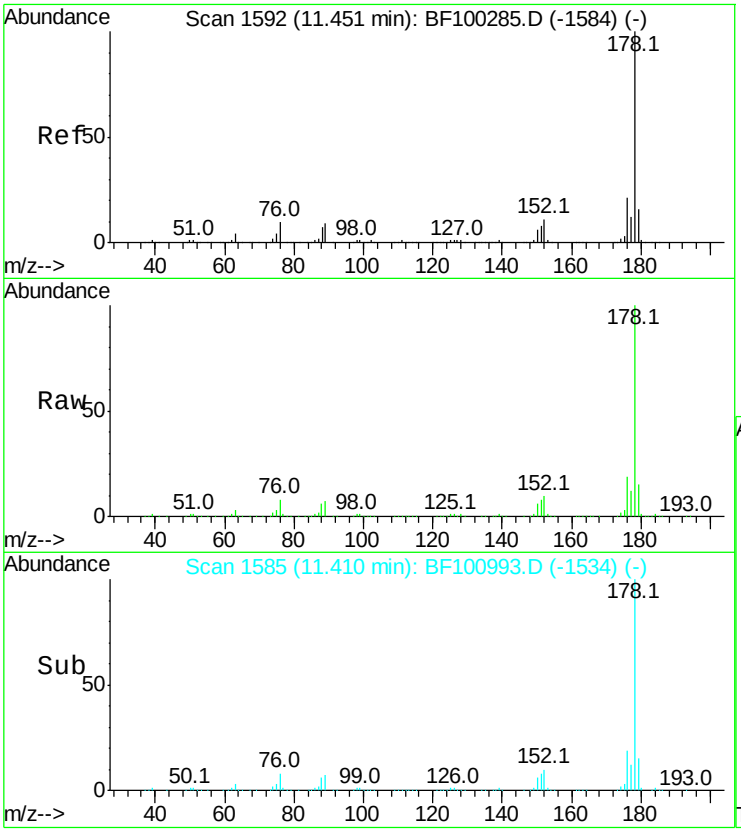


#66
4-Bromophenyl-phenylether
Concen: 3.357 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:248 Resp: 5087

Ion	Ratio	Lower	Upper
248	100		
250	192.2	76.9	115.3#
141	450.7	74.4	111.6#



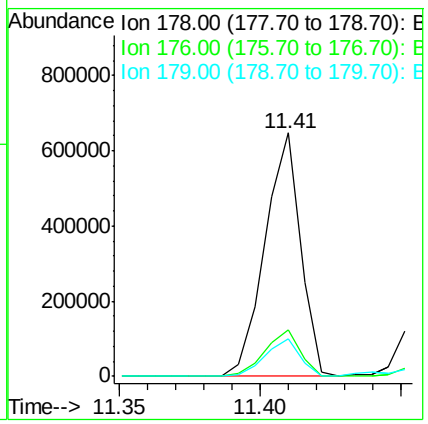


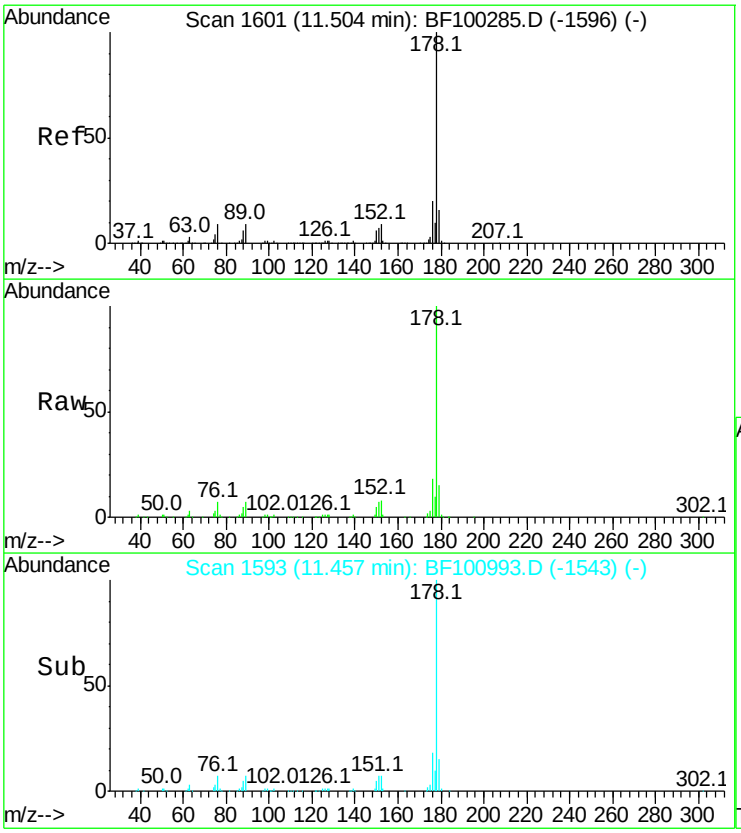
#70
Phenanthrene
Concen: 76.167 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 566893

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	13.0	19.6

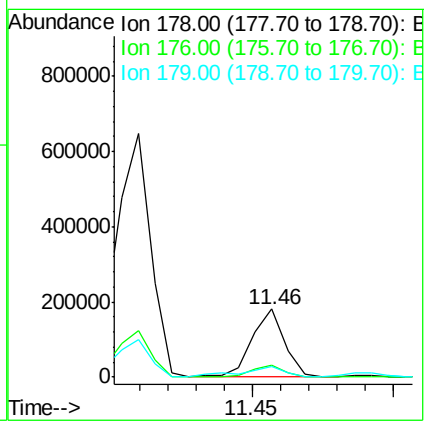


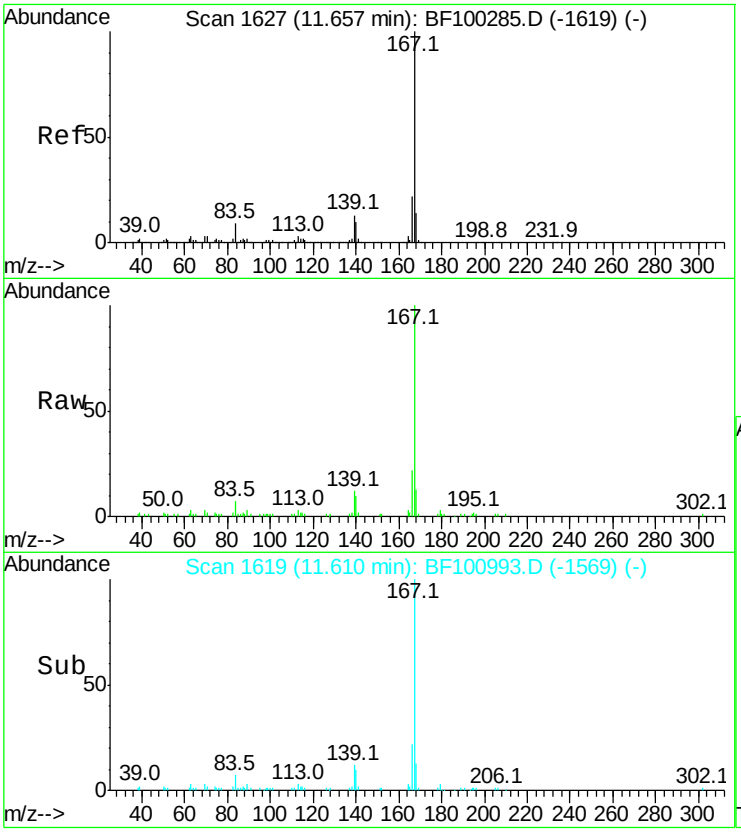


#71
Anthracene
Concen: 18.789 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:178 Resp: 141874

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	14.8	12.6	19.0



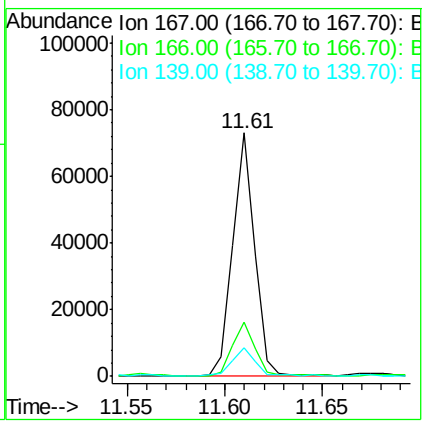


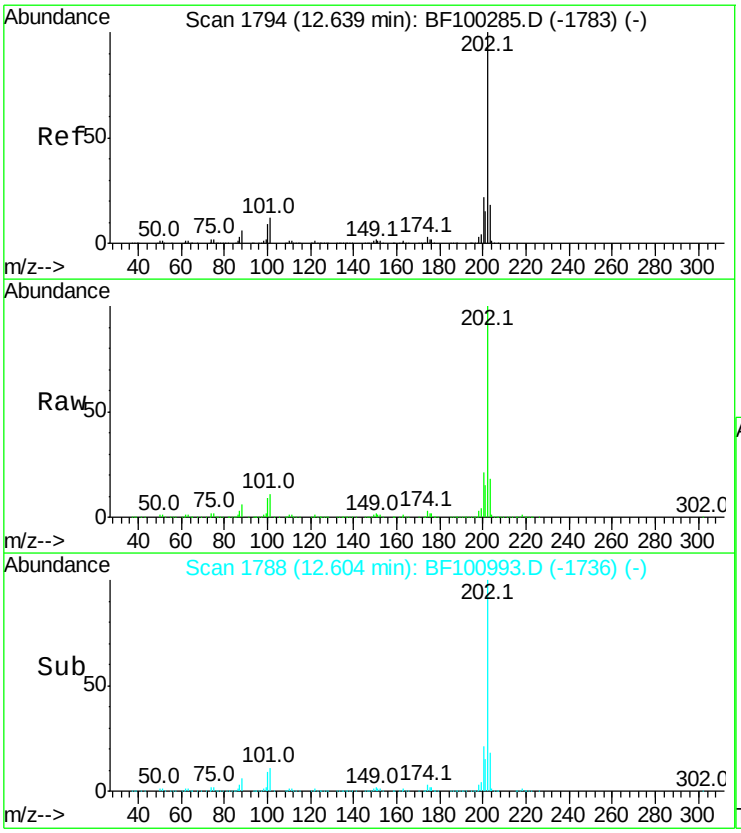
#72
Carbazole
Concen: 8.191 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 57070

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	11.8	10.9	16.3

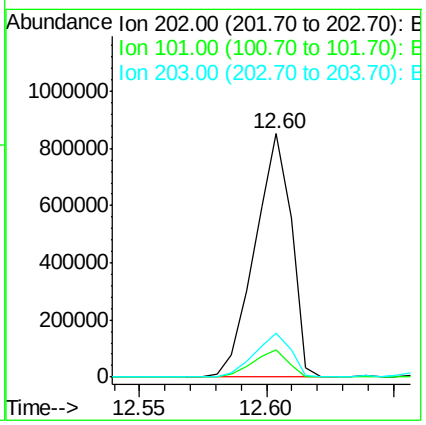


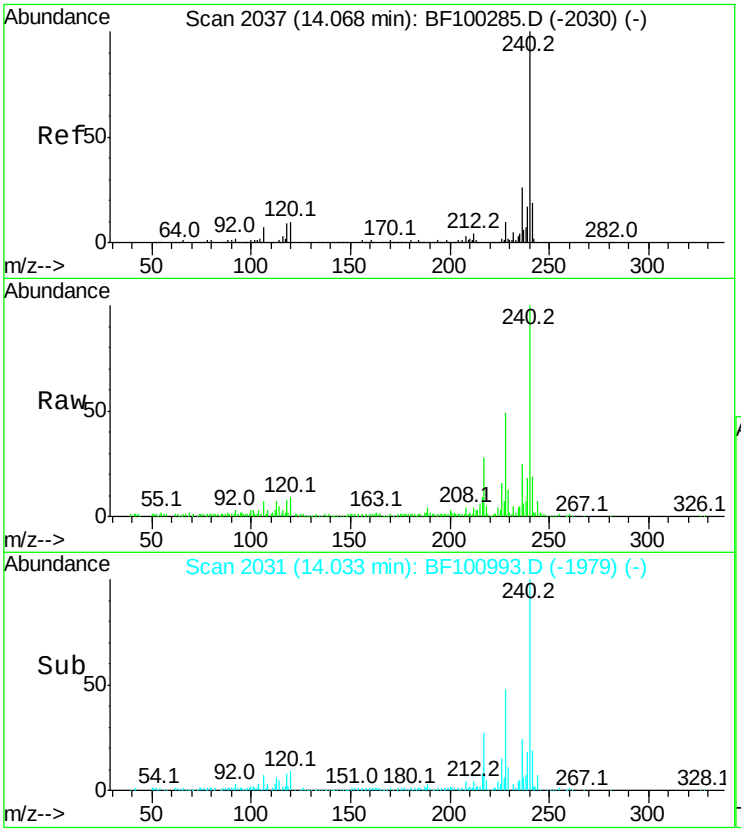


#74
Fluoranthene
Concen: 108.695 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:202 Resp: 857379

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.9	0.0	38.1



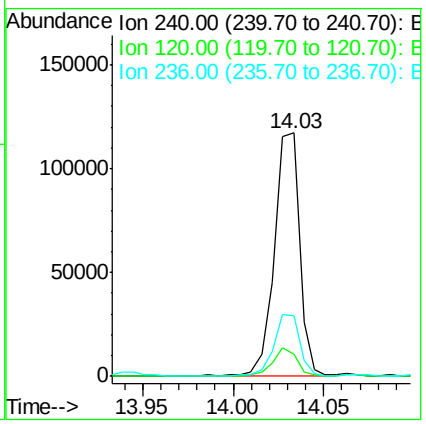


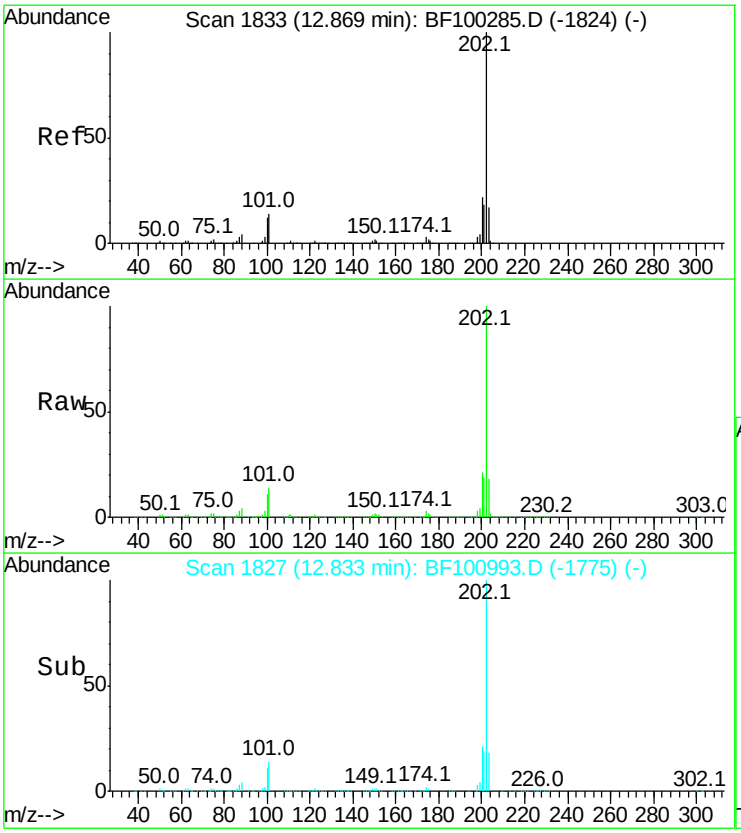
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 114562

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	24.8	20.7	31.1

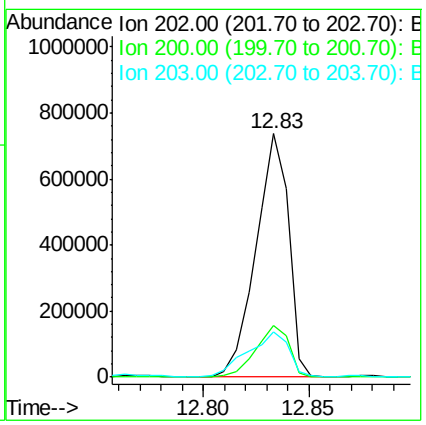


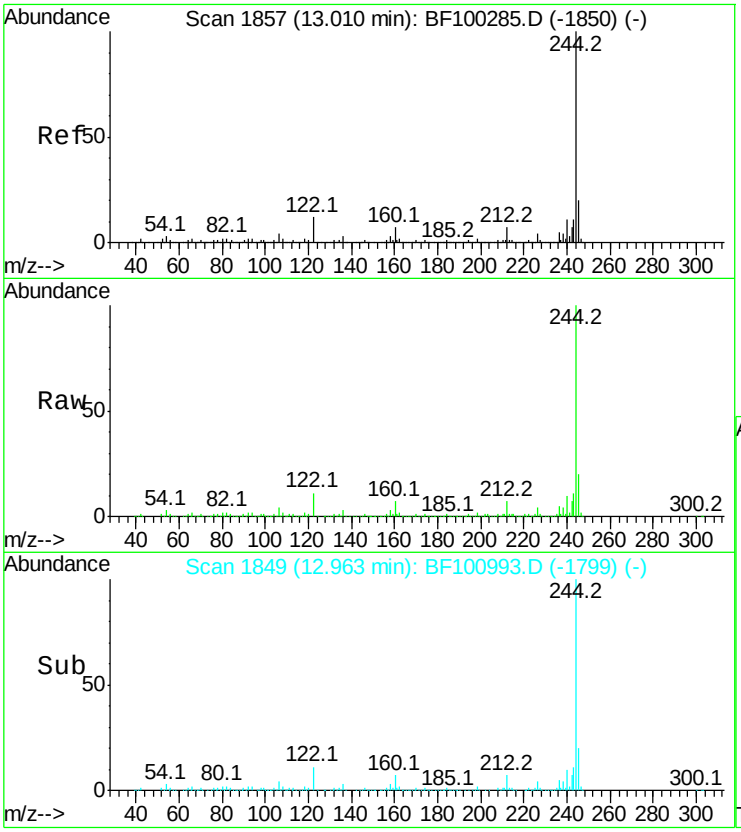


#77
Pyrene
Concen: 96.882 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:202 Resp: 791177

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.4	14.3	21.5



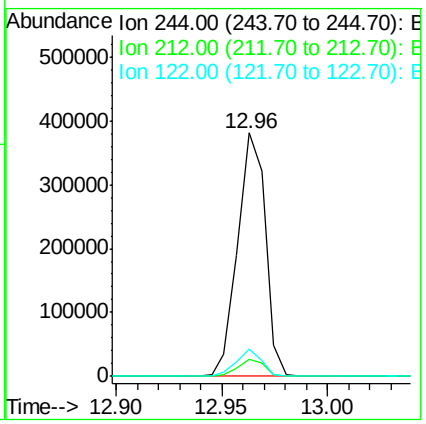


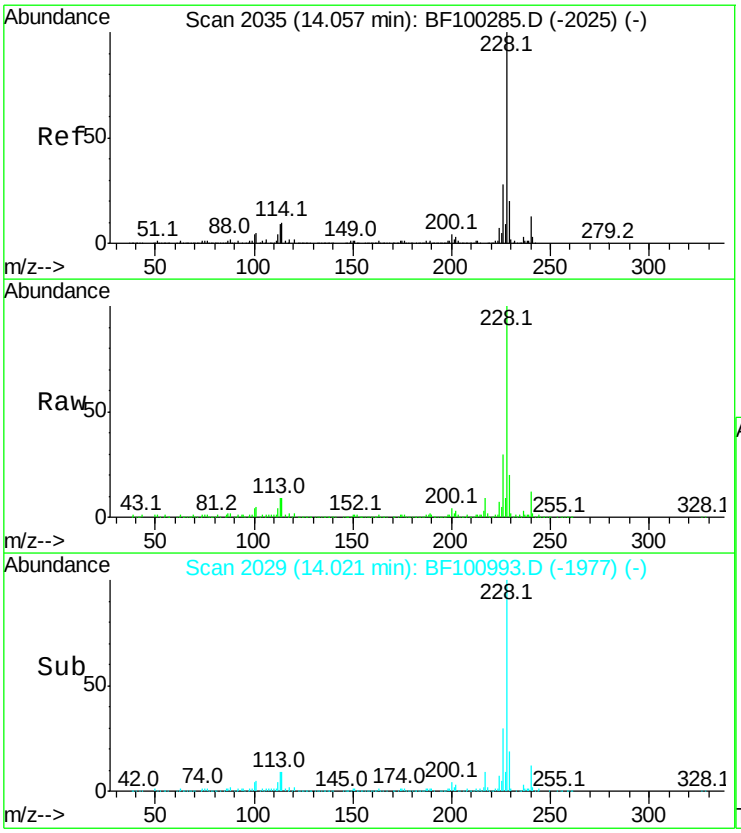
#78
Terphenyl-d14
Concen: 69.460 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 346320

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.4	11.0	16.4

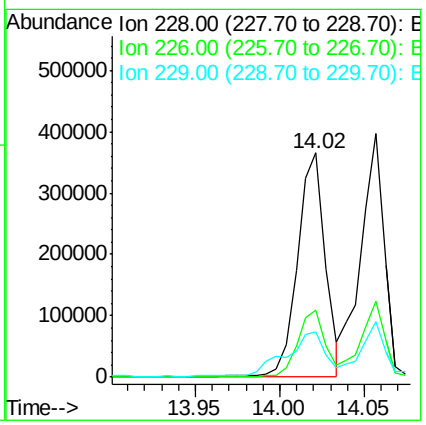


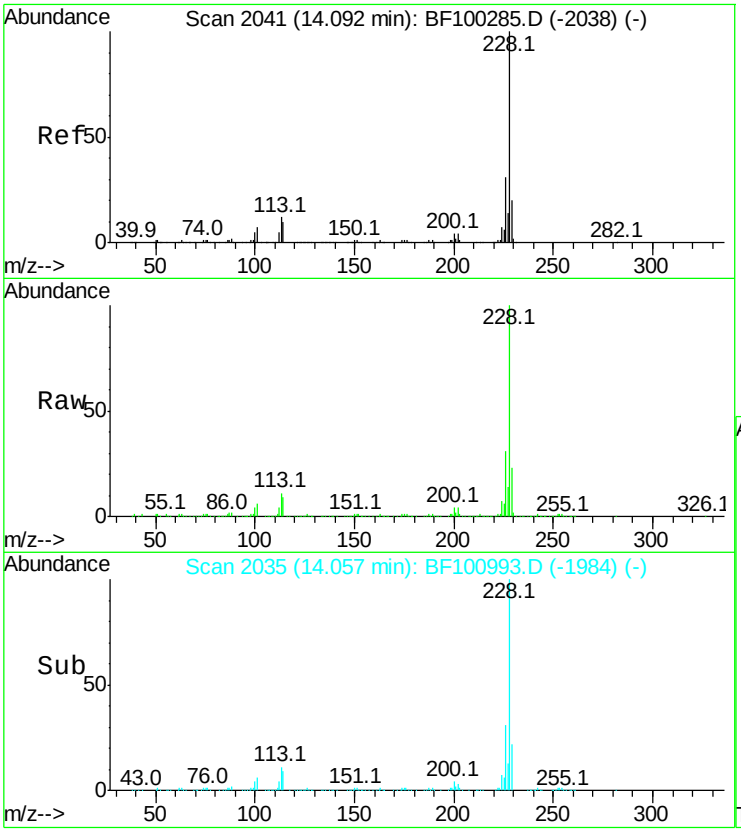


#80
Benzo(a)anthracene
Concen: 59.870 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:228 Resp: 413039

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	20.0	15.8	23.6



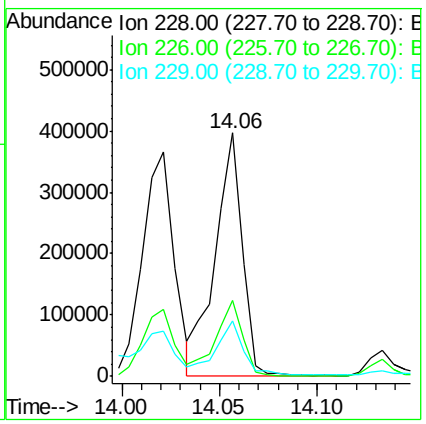


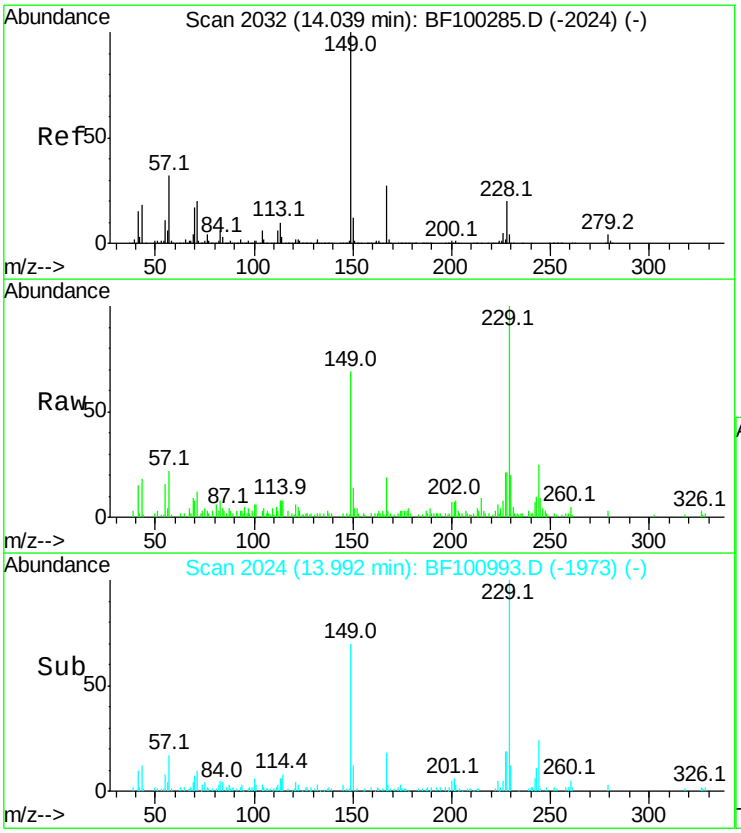
#82
Chrysene
Concen: 57.115 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 381567

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.7	16.2	24.4

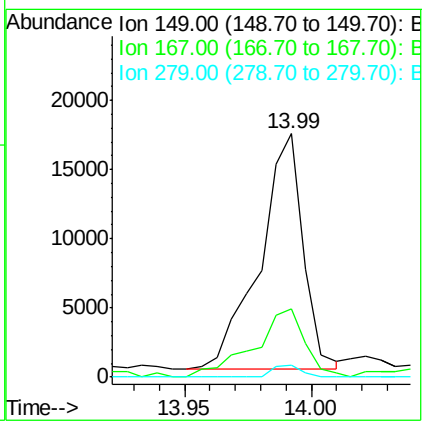


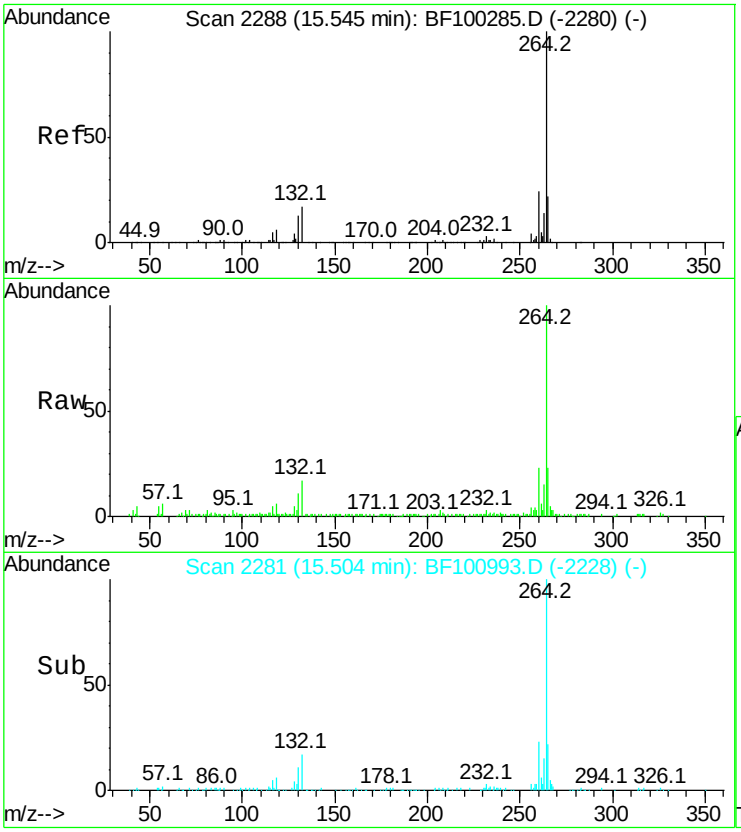


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.680 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:149 Resp: 20500

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.3	31.9
279	4.7	3.0	4.4#



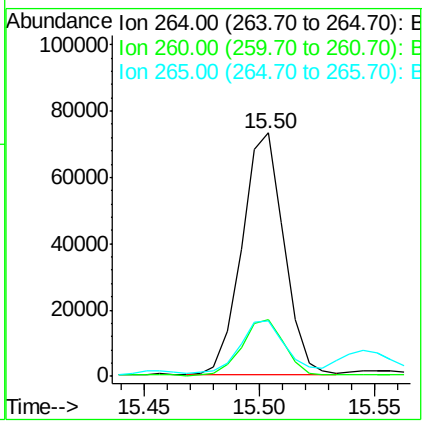


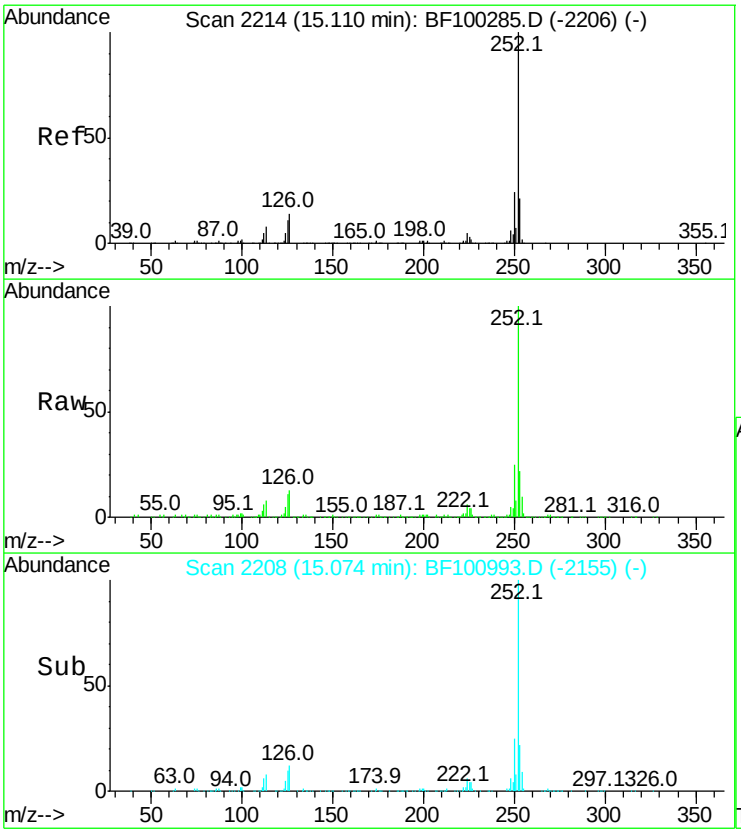
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 92722

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.9	17.5	26.3

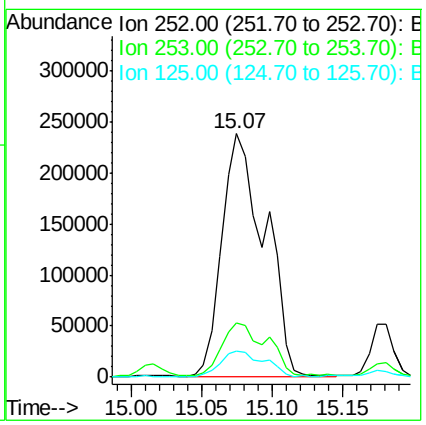


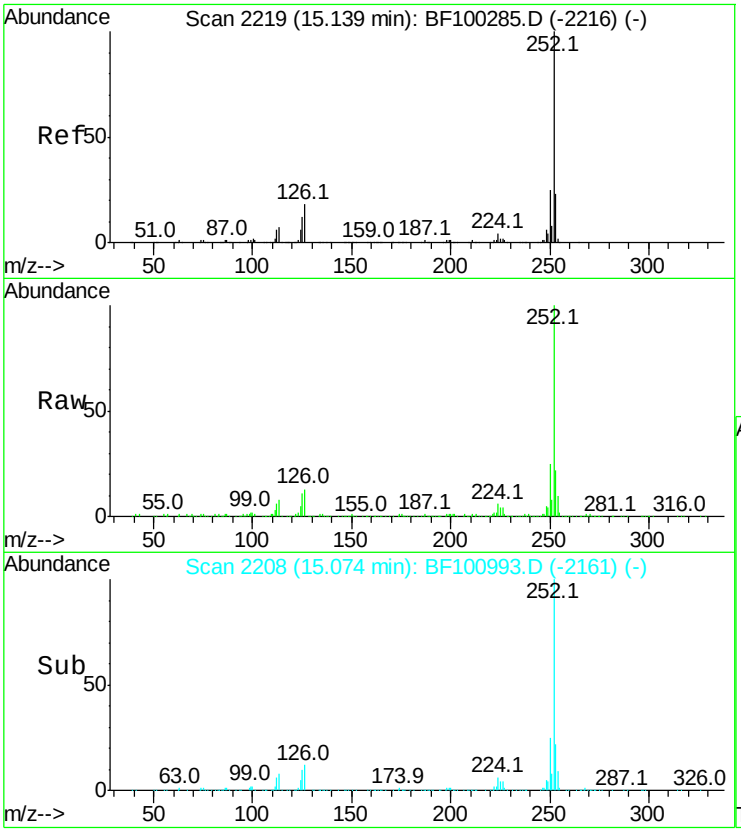


#87
Benzo(b)fluoranthene
Concen: 92.186 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:252 Resp: 506402

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.7	9.0	13.6



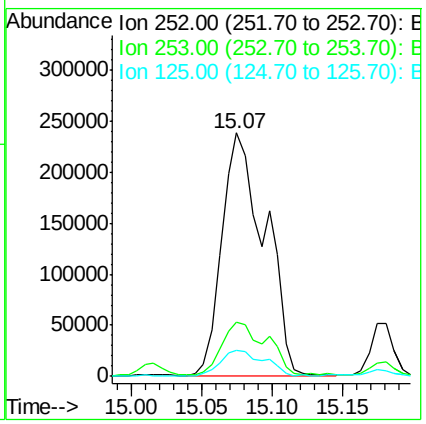


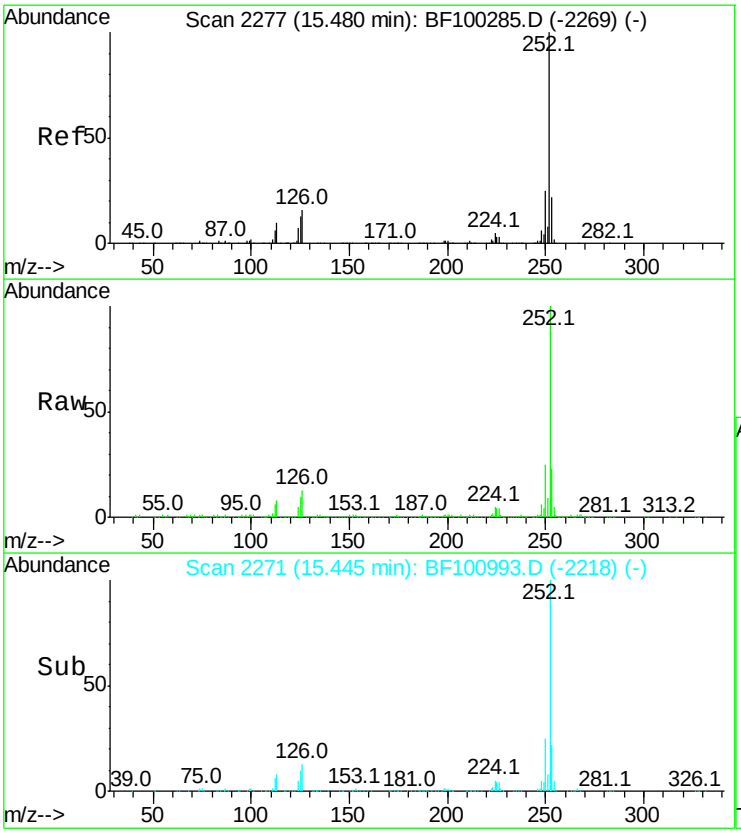
#88
Benzo(k)fluoranthene
Concen: 97.566 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 506402

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.7	10.2	15.2

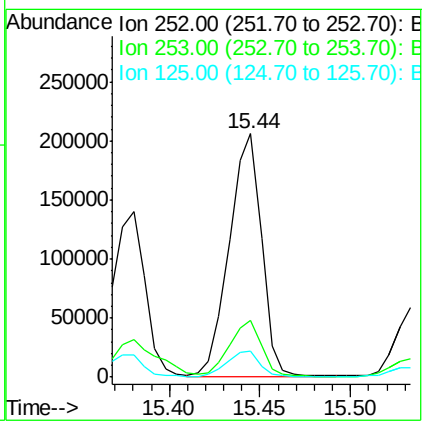


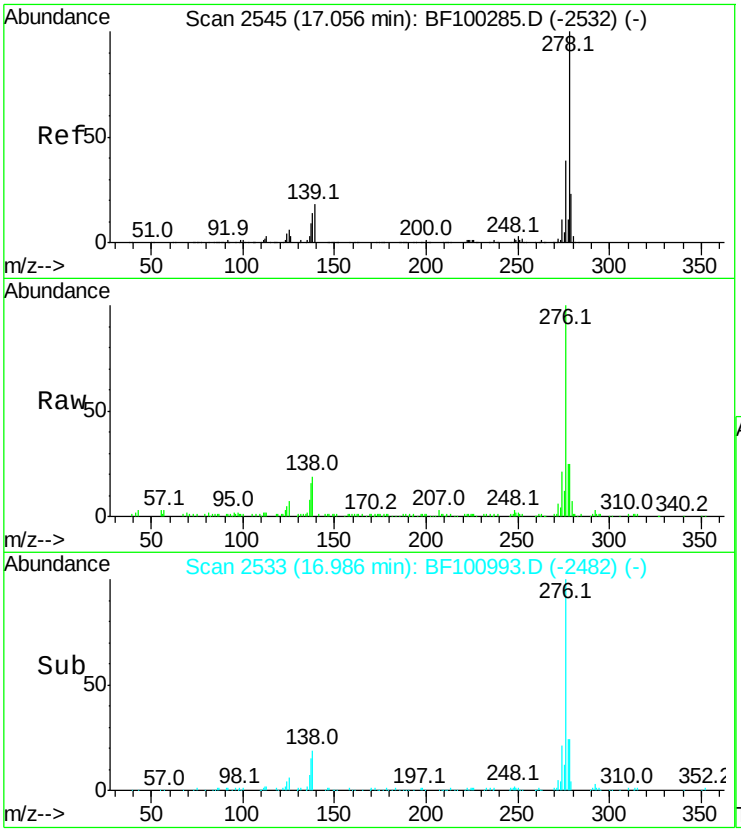


#89
Benzo(a)pyrene
Concen: 52.278 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:252 Resp: 254594

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	10.5	9.8	14.6



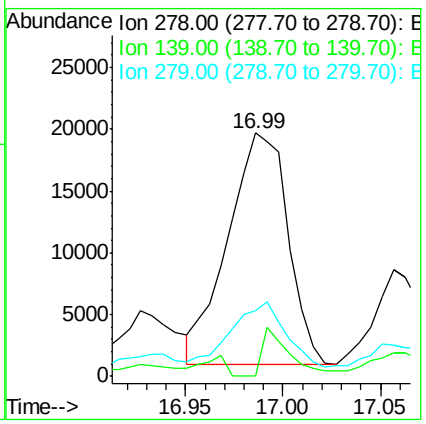


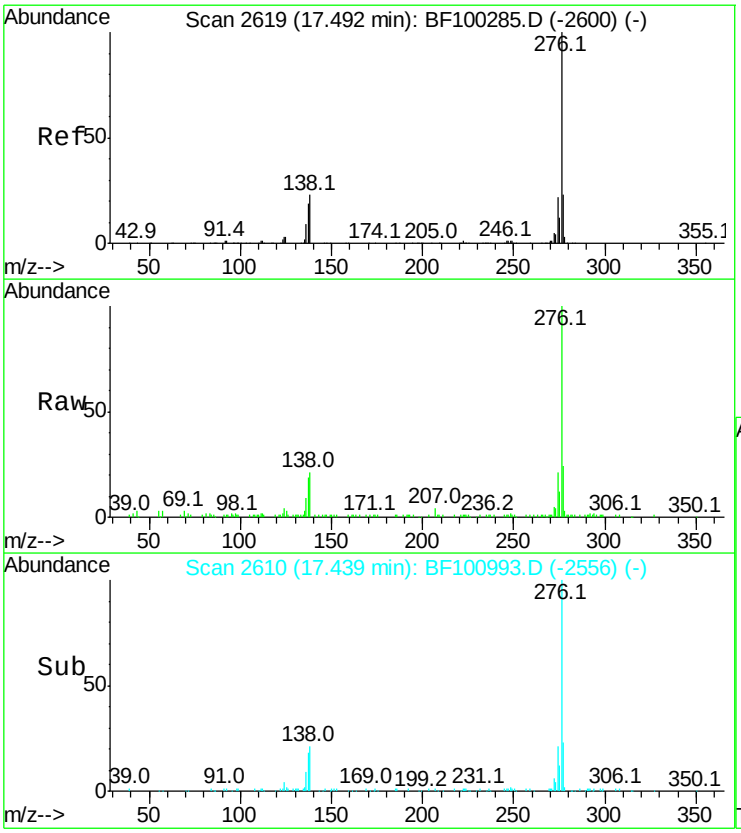
#90
Dibenzo(a,h)anthracene
Concen: 9.955 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 39650

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	27.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 36.486 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.02 min
Lab File: BF100993.D
Acq: 29 Nov 2017 22:05

Tgt Ion:276 Resp: 142245

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	20.8	21.8	32.8#