Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099219.D
Acq On : 8 Oct 2017 4:19
Operator : SJ/JU
Sample : I5530-04 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 08 06:06:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 08 03:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106257	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	400632	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	148295	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	232360	20.00	ng		0.00
75) Chrysene-d12	14.03	240	195735	20.00	ng		0.00
86) Perylene-d12	15.50	264	154765	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	32532	4.87	ng		0.00
7) Phenol-d6	6.49	99	39779	4.83	ng		0.00
23) Nitrobenzene-d5	7.42	82	20030	3.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	4146	3.42	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	39496	4.45	ng		0.00
78) Terphenyl-d14	12.97	244	27036	3.14	ng		0.00
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.90	165	19248	7.899	ng	#	24
51) Acenaphthene	9.93	154	27719	2.987	ng		99
54) Dibenzofuran	10.10	168	35730	2.892	ng		97
55) 4-Nitrophenol	10.10	139	13108	5.456	ng	#	9
56) 2,4-Dinitrotoluene	9.90	165	19248	6.087	ng	#	21
57) Fluorene	10.45	166	36570	3.683	ng		98
70) Phenanthrene	11.42	178	353616	28.431	ng		97
71) Anthracene	11.46	178	107646	8.459	ng		97
74) Fluoranthene	12.60	202	355102	28.195	ng		98
77) Pyrene	12.83	202	304334	20.390	ng		98
80) Benzo(a)anthracene	14.02	228	126738	10.693	ng		98
82) Chrysene	14.06	228	106834	9.468	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	34799	3.855	ng		95
87) Benzo(b)fluoranthene	15.07	252	139073	14.615	ng	#	96
88) Benzo(k)fluoranthene	15.07	252	139073	14.797	ng	#	96
89) Benzo(a)pyrene	15.44	252	72683	8.321	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	32893	4.760	ng	#	93

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

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QLast Update : Sun Oct 08 03:54:40 2017
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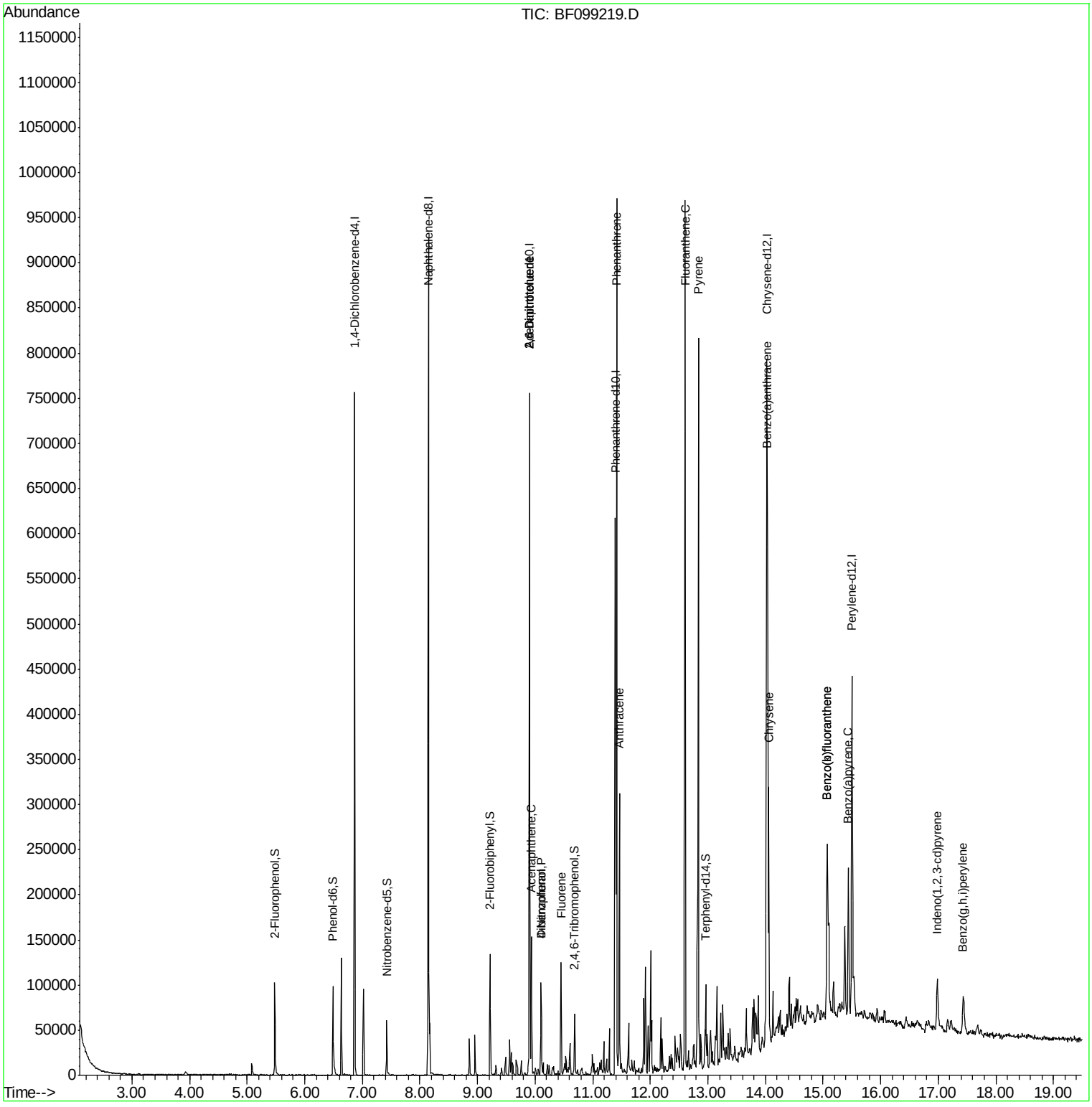
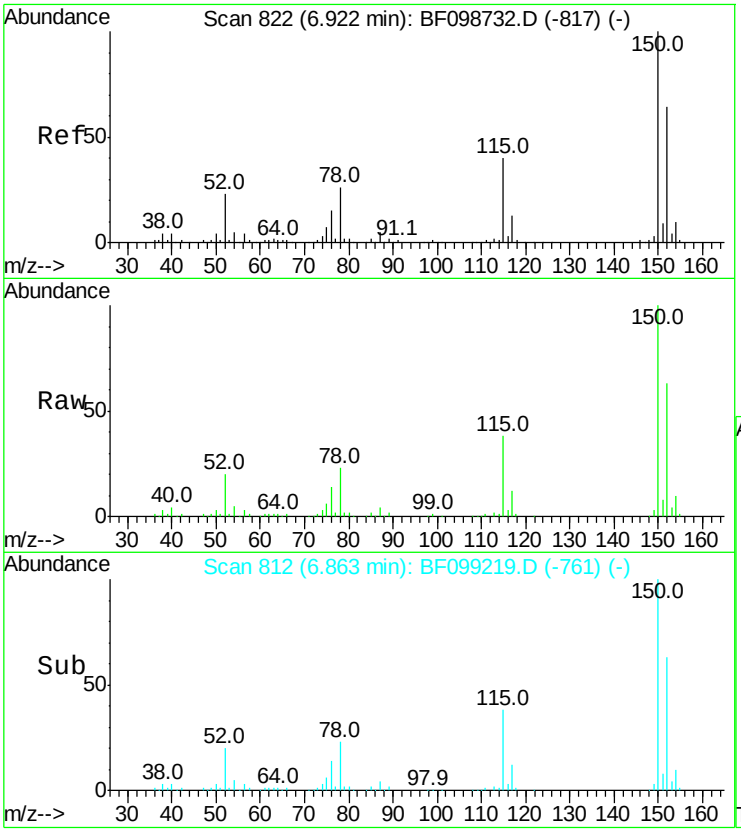


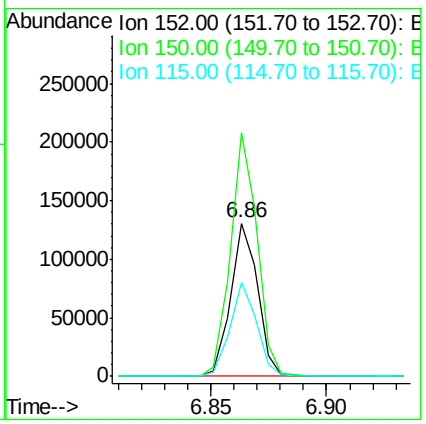


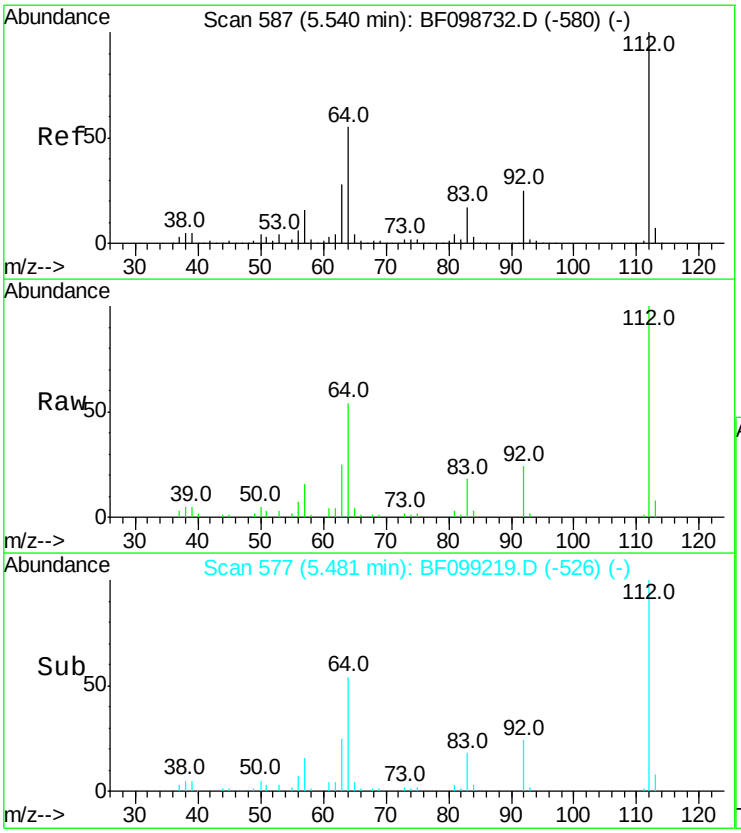
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106257

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	61.0	50.1	75.1

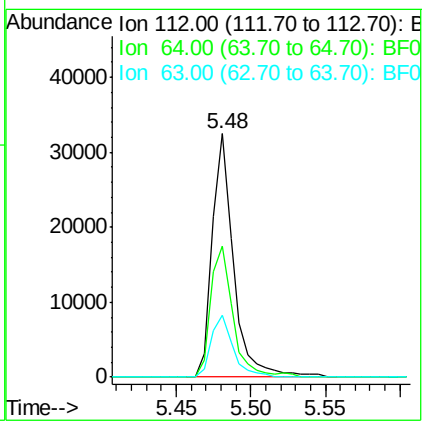


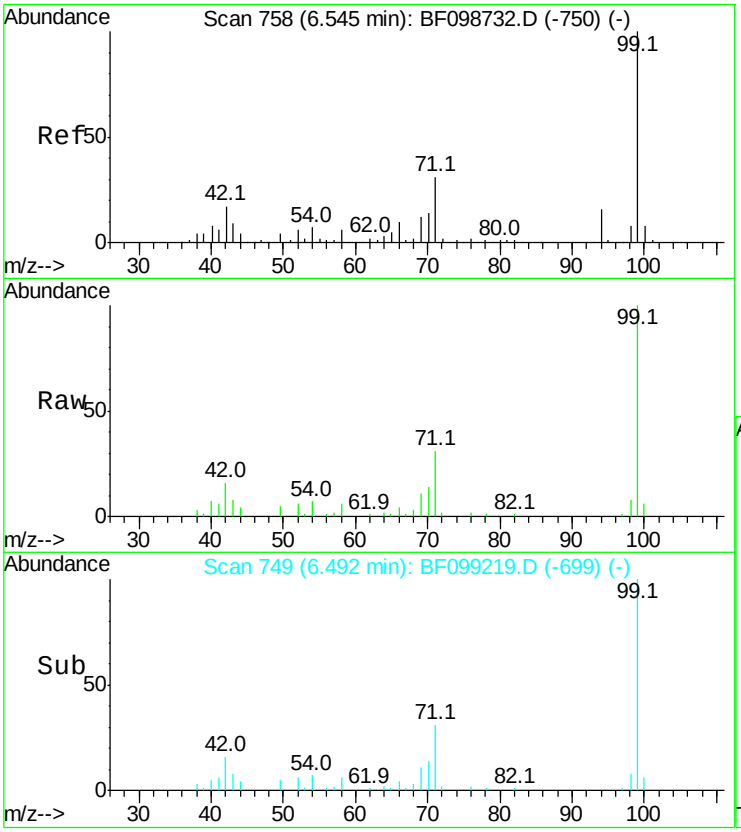


#5
2-Fluorophenol
Concen: 4.874 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:112 Resp: 32532

Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	25.1	23.7	35.5



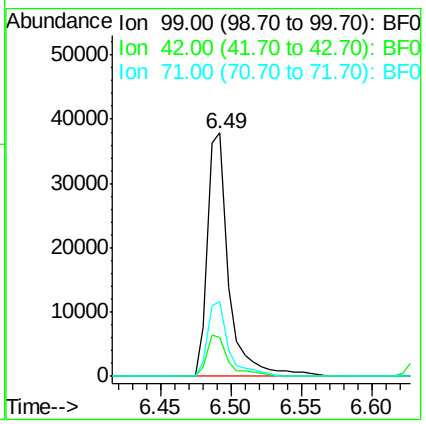


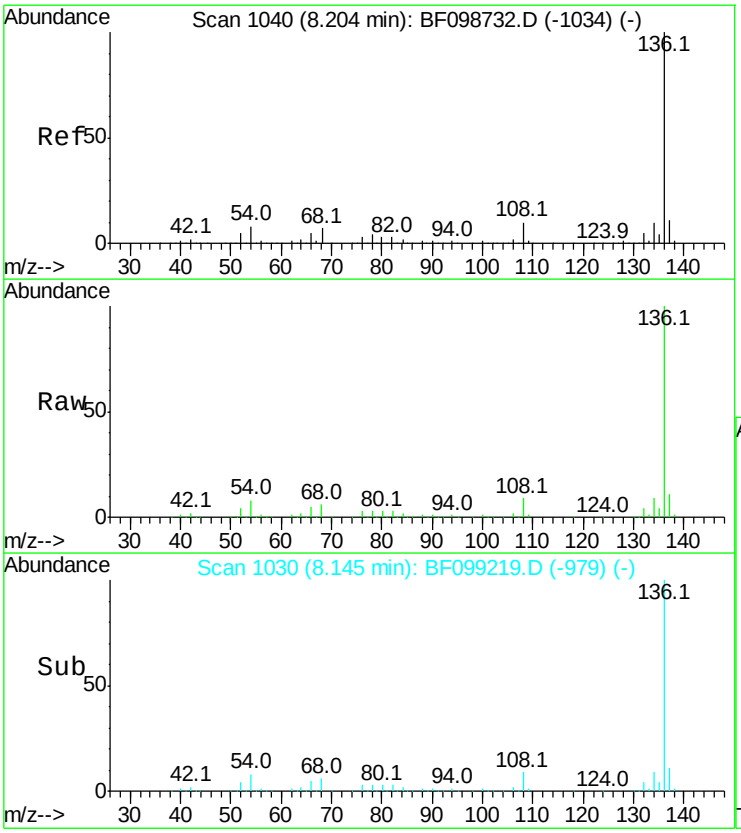
#7
Phenol-d6
Concen: 4.831 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 39779

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	30.7	25.4	38.0

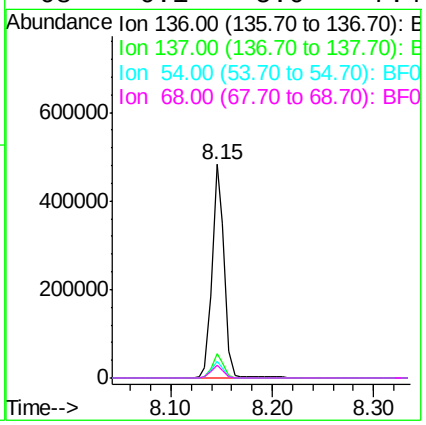


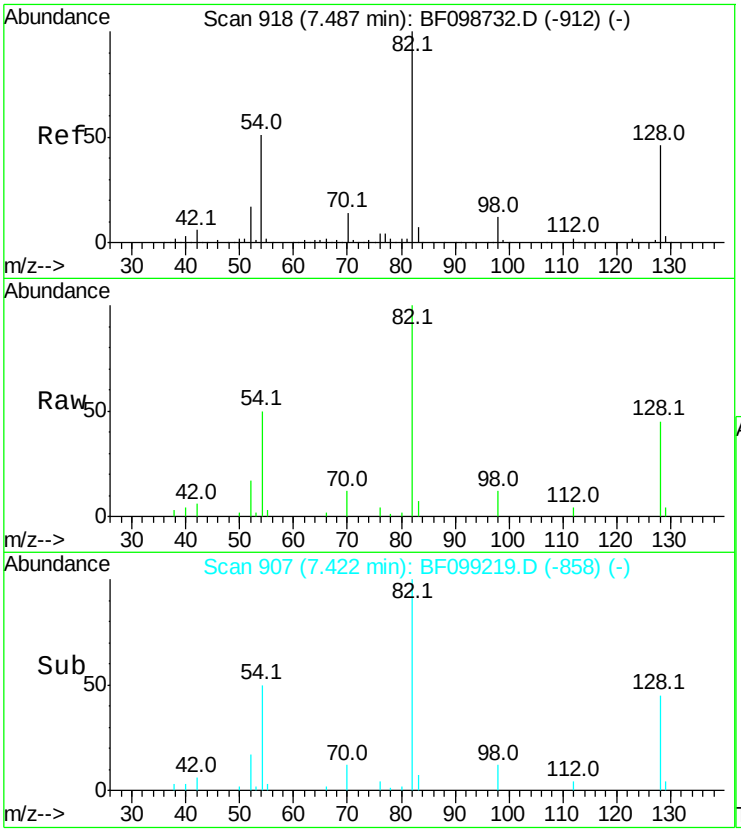


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:136 Resp: 400632

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	6.1	5.0	7.4



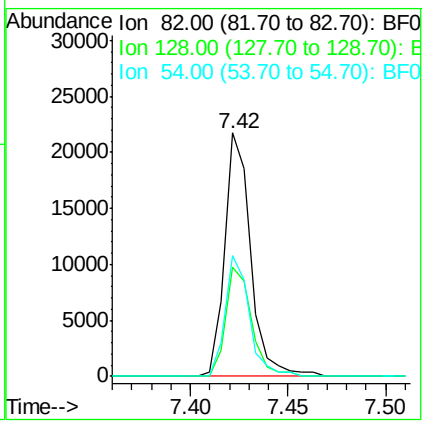


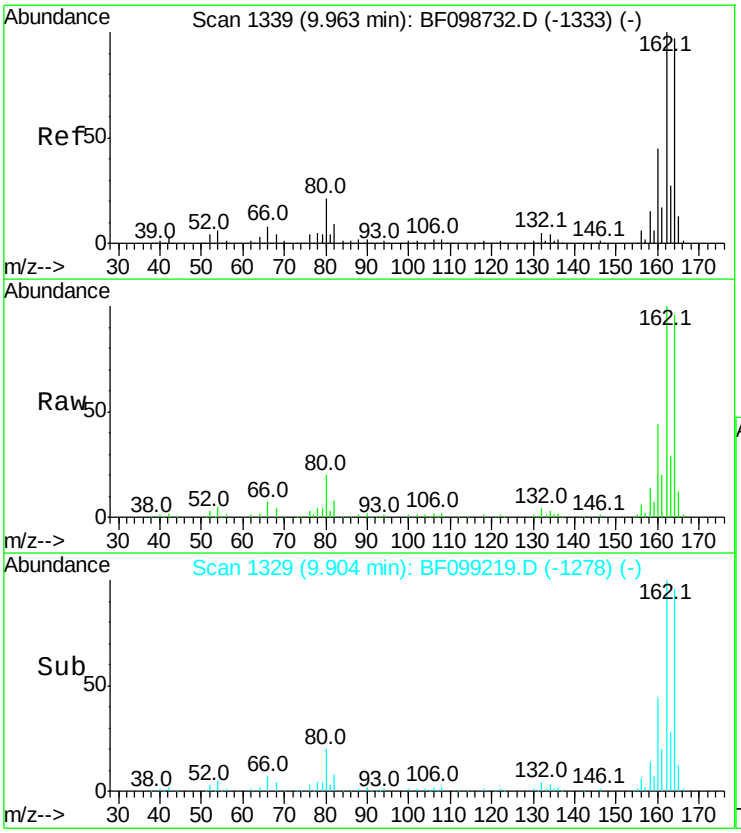
#23
Nitrobenzene-d5
Concen: 3.206 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 20030

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	49.5	41.4	62.2

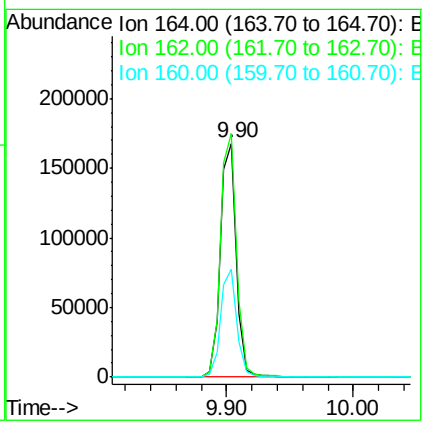


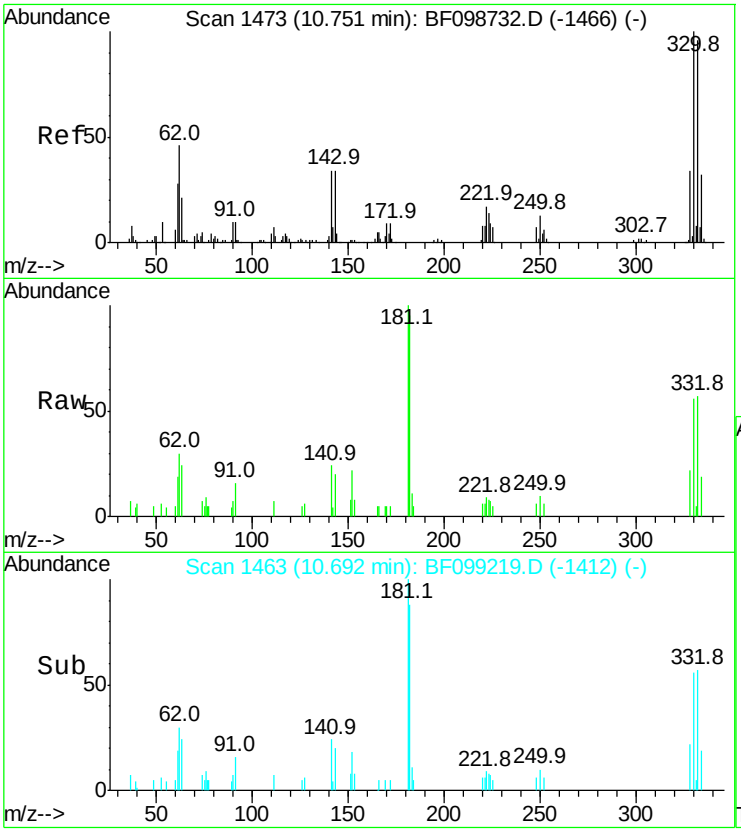


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:164 Resp: 148295

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.2	38.3	57.5



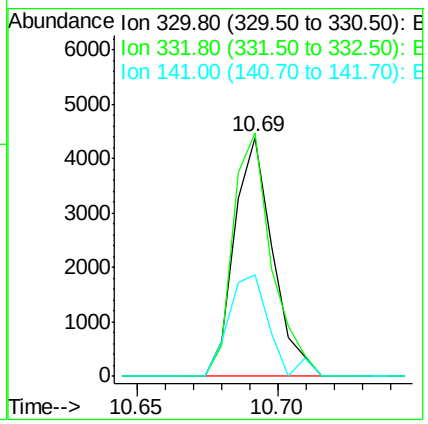


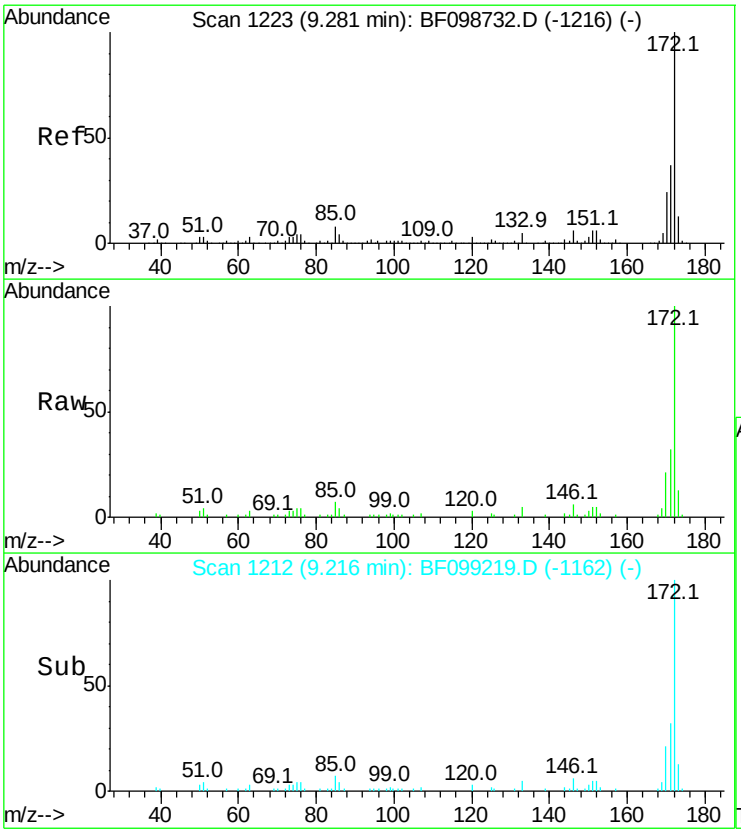
#41
2,4,6-Tribromophenol
Concen: 3.417 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 4146

Ion	Ratio	Lower	Upper
330	100		
332	102.5	77.0	115.6
141	45.6	29.9	44.9#

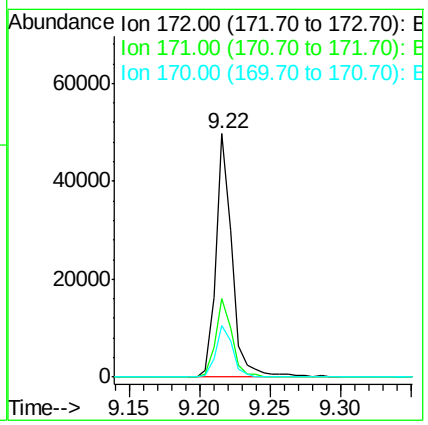


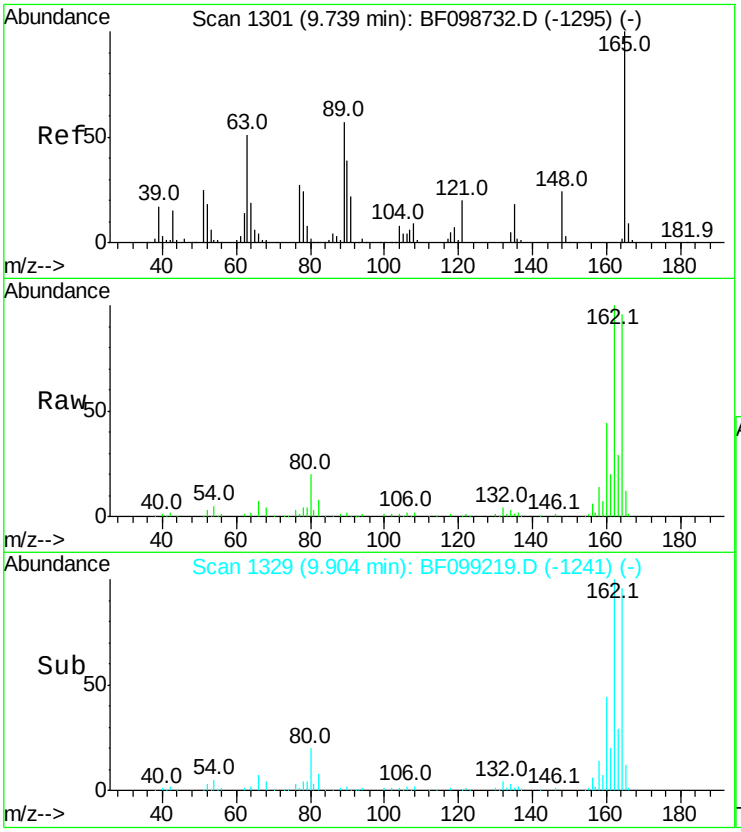


#44
2-Fluorobiphenyl
Concen: 4.446 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:172 Resp: 39496

Ion	Ratio	Lower	Upper
172	100		
171	32.1	29.7	44.5
170	21.4	19.6	29.4



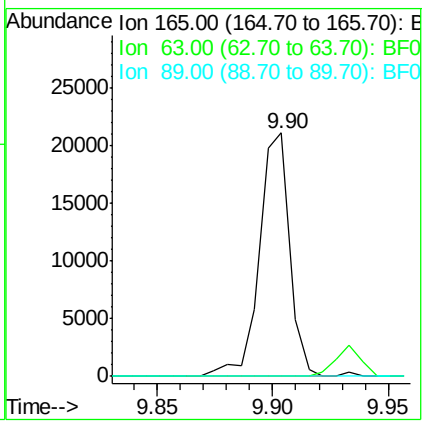


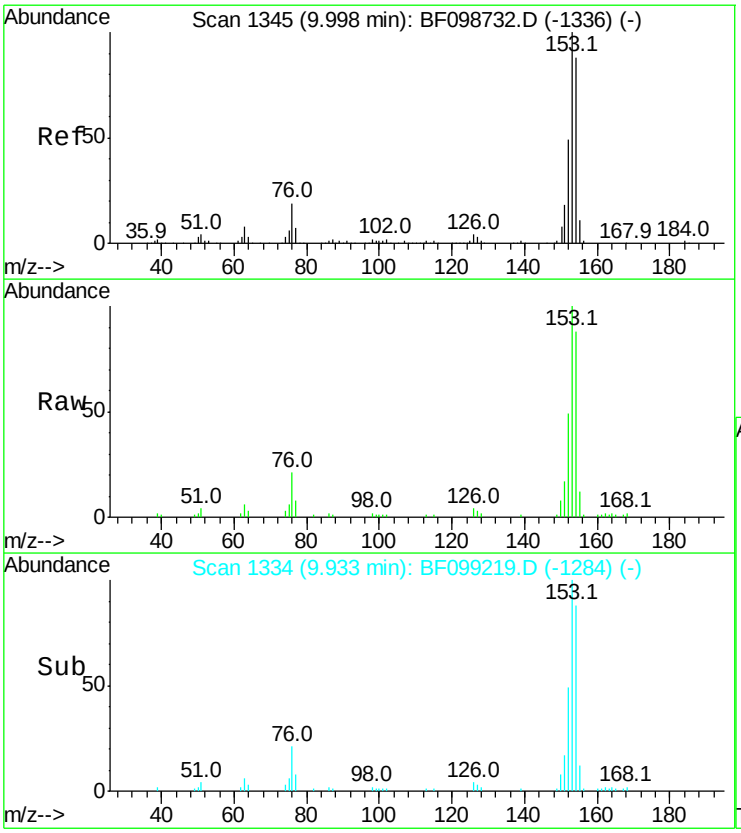
#50
2,6-Dinitrotoluene
Concen: 7.899 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.22 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19248

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

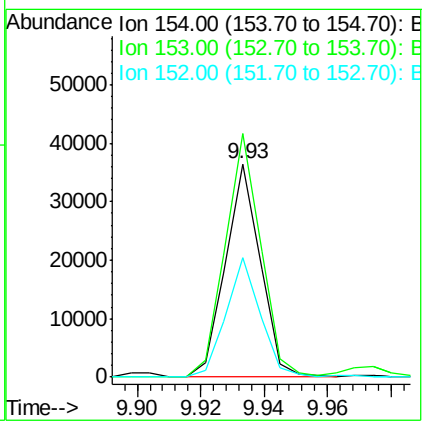


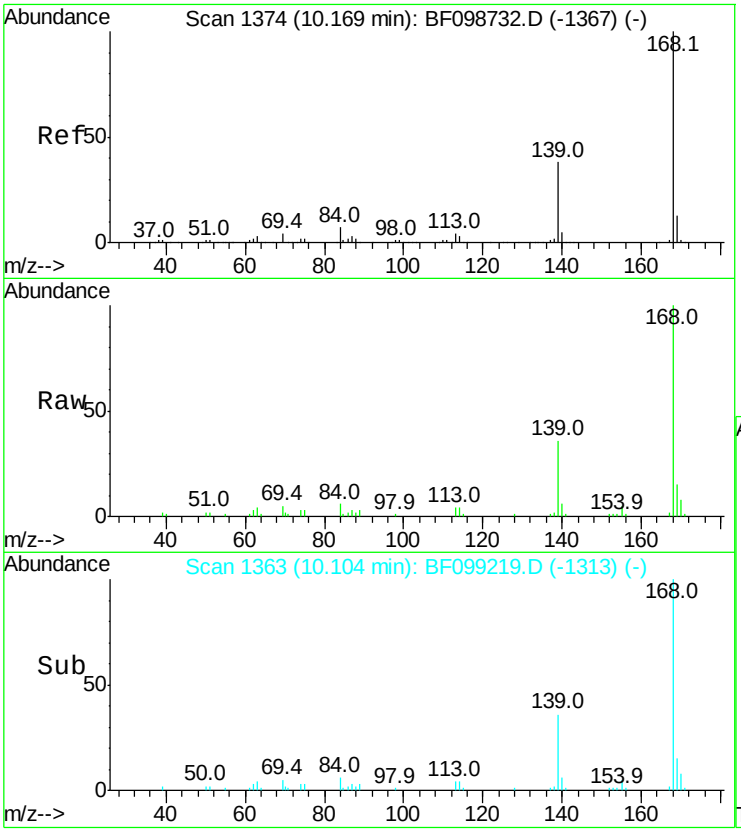


#51
Acenaphthene
Concen: 2.987 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:154 Resp: 27719

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.2	136.8
152	55.8	43.8	65.8



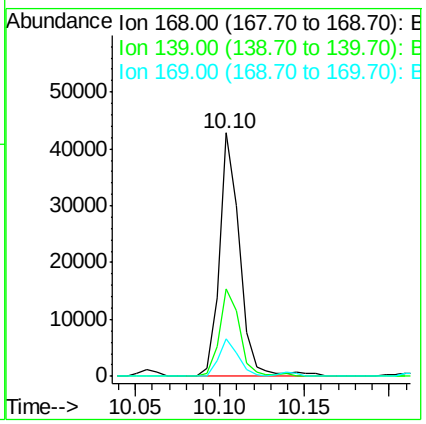


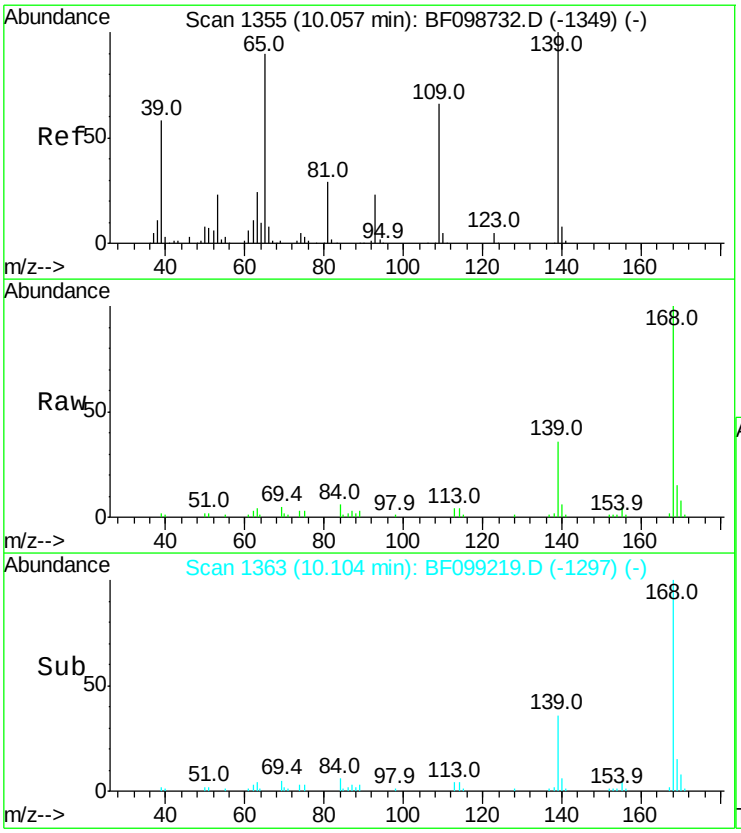
#54
Dibenzofuran
Concen: 2.892 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 35730

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	15.3	10.9	16.3

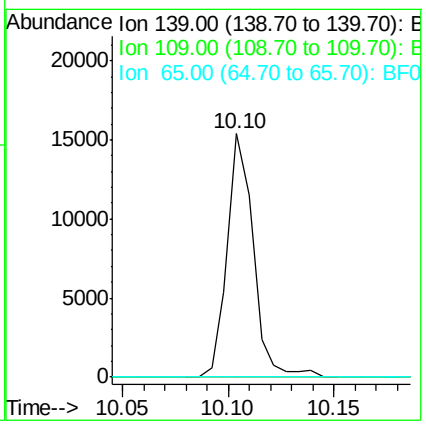


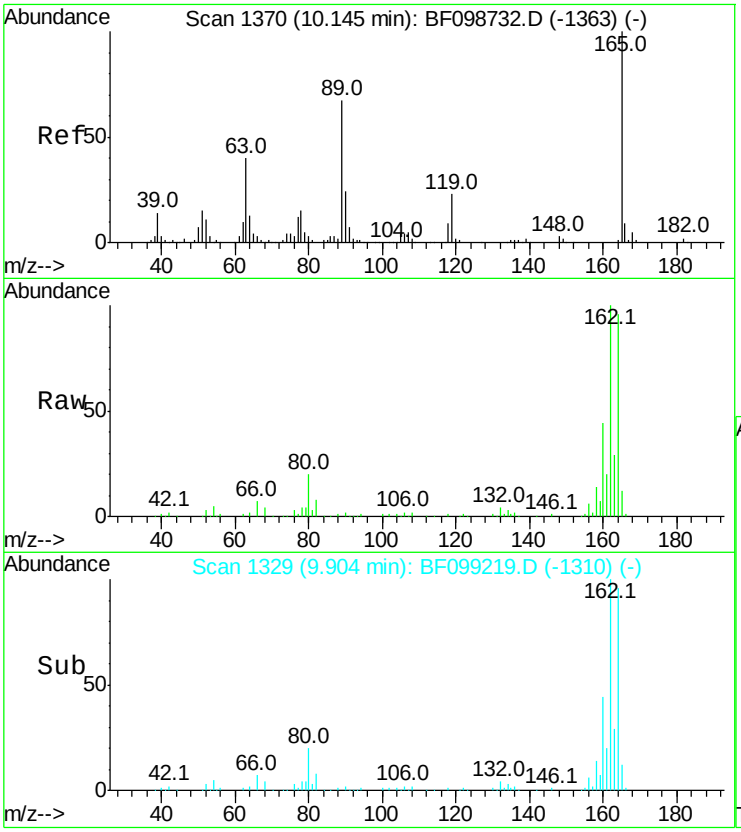


#55
4-Nitrophenol
Concen: 5.456 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.09 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:139 Resp: 13108

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



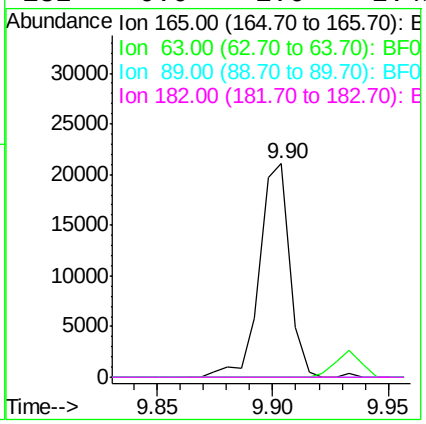


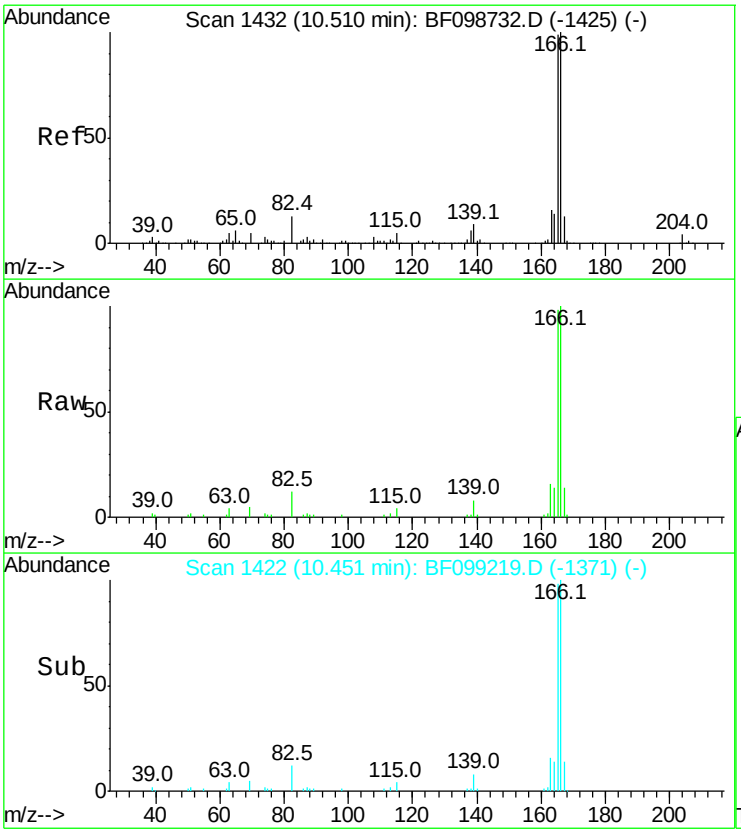
#56
2,4-Dinitrotoluene
Concen: 6.087 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19248

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

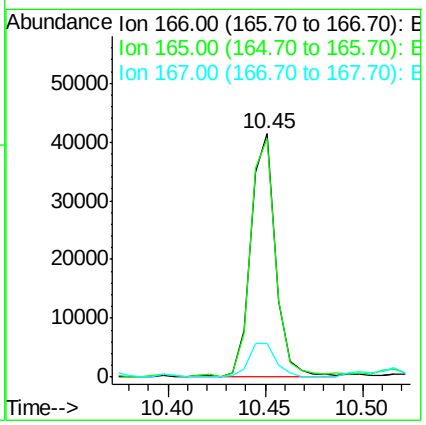


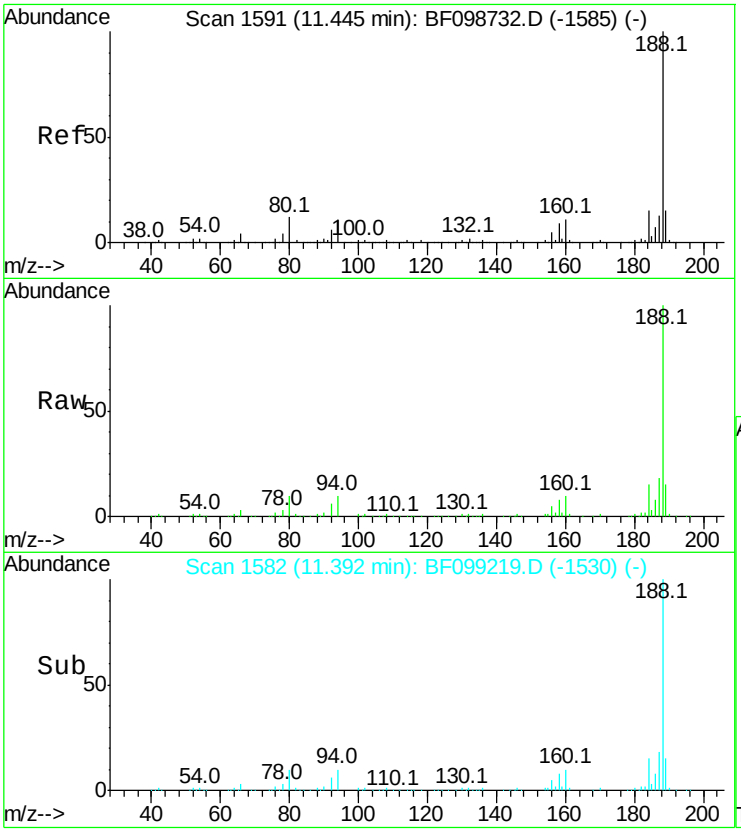


#57
Fluorene
Concen: 3.683 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:166 Resp: 36570

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.8	10.6	16.0



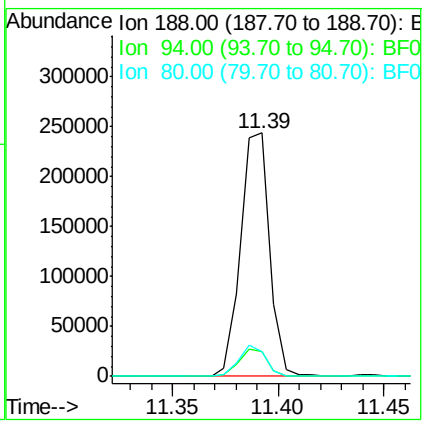


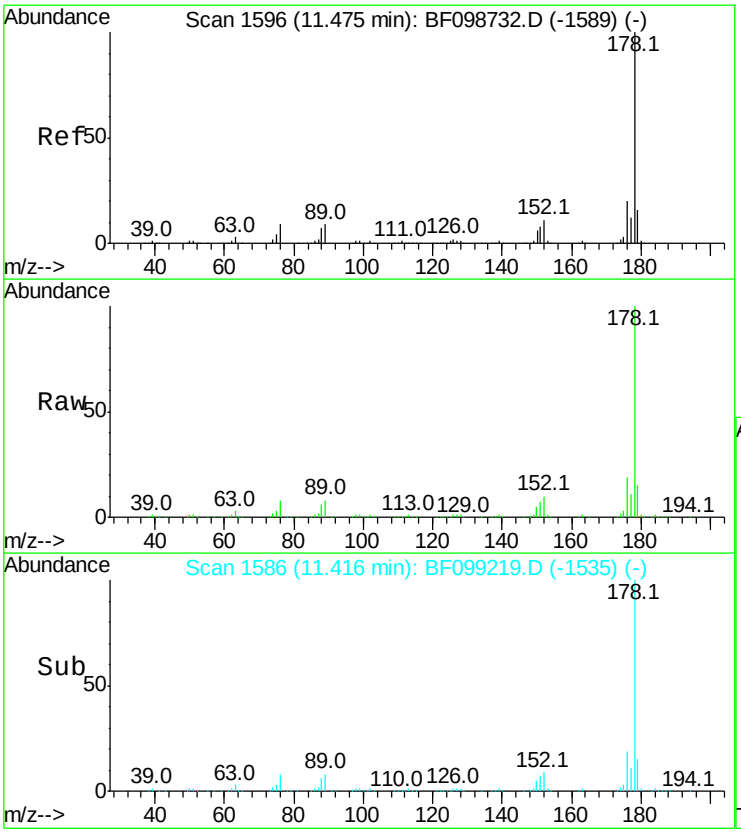
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 232360

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.3	9.2	13.8

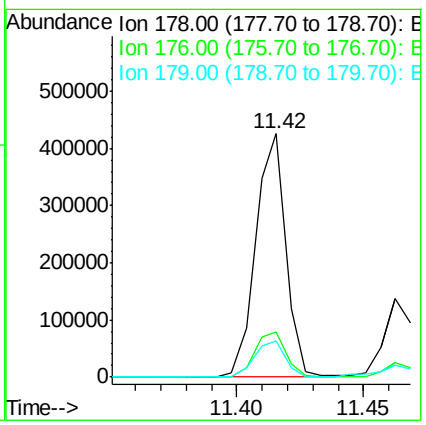


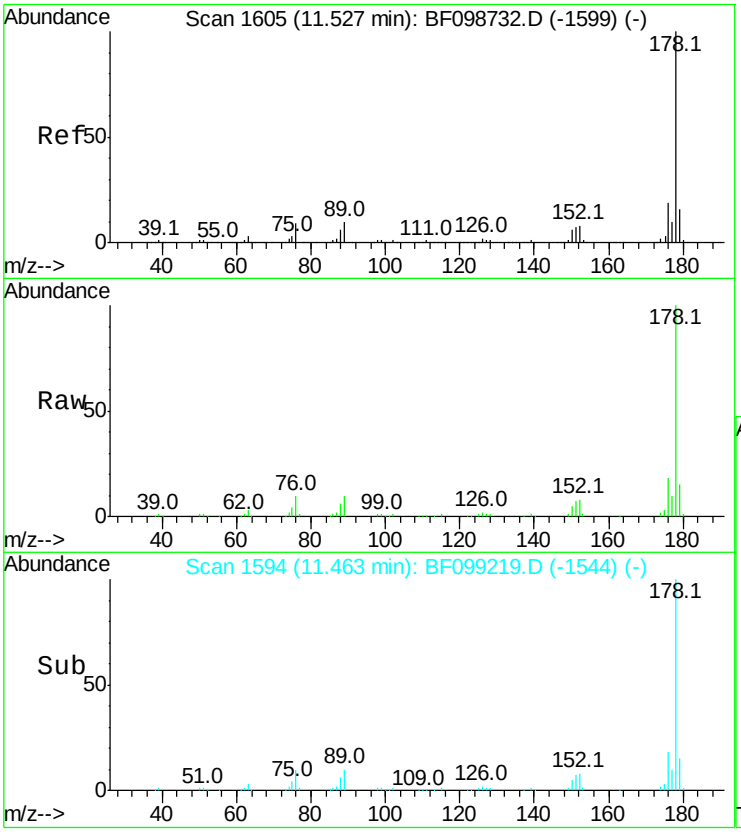


#70
Phenanthrene
Concen: 28.431 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:178 Resp: 353616

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.1	13.0	19.6



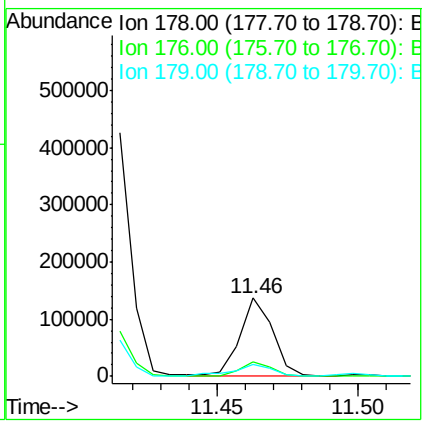


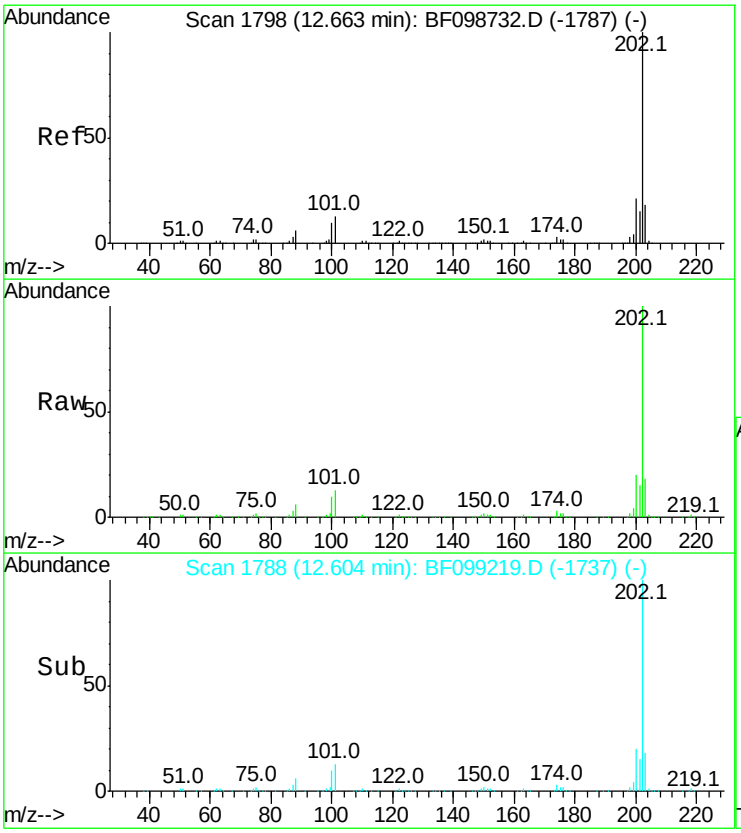
#71
Anthracene
Concen: 8.459 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 107646

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	14.9	12.6	19.0

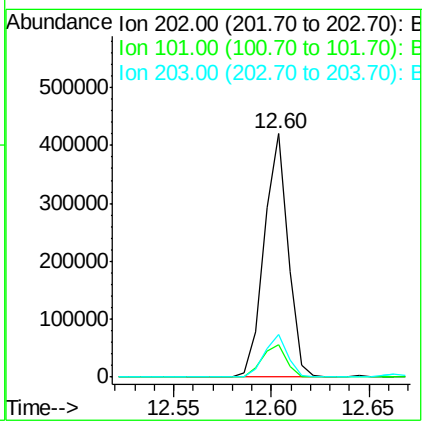


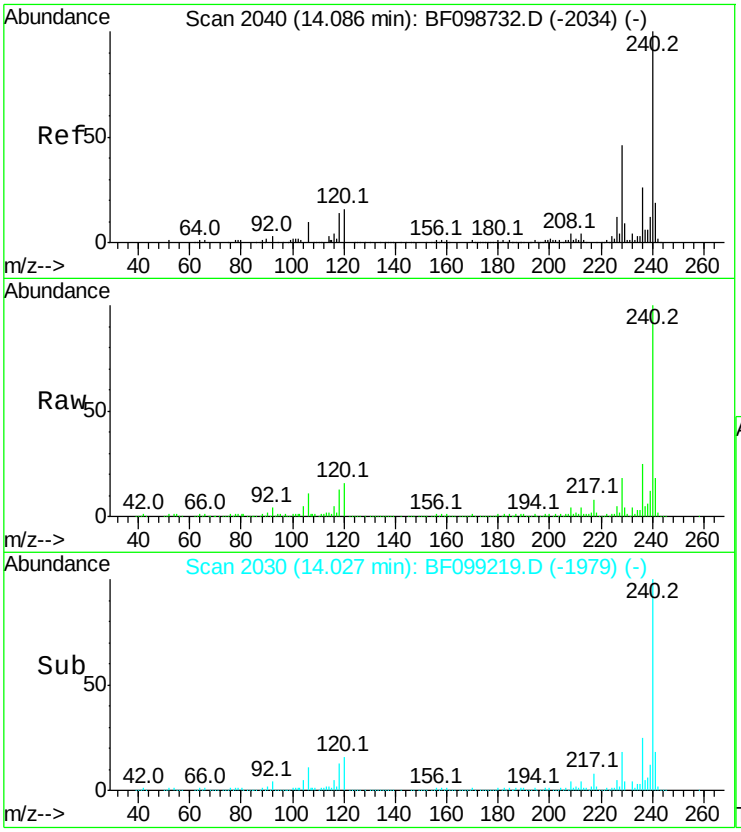


#74
Fluoranthene
Concen: 28.195 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:202 Resp: 355102

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.6	0.0	38.1



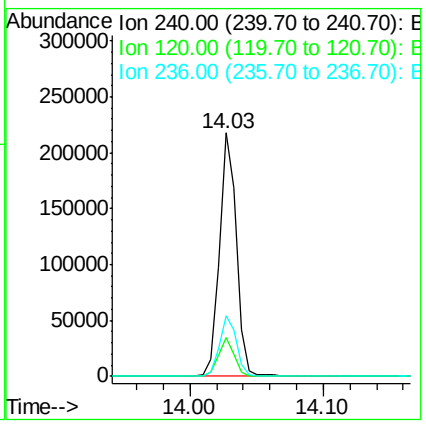


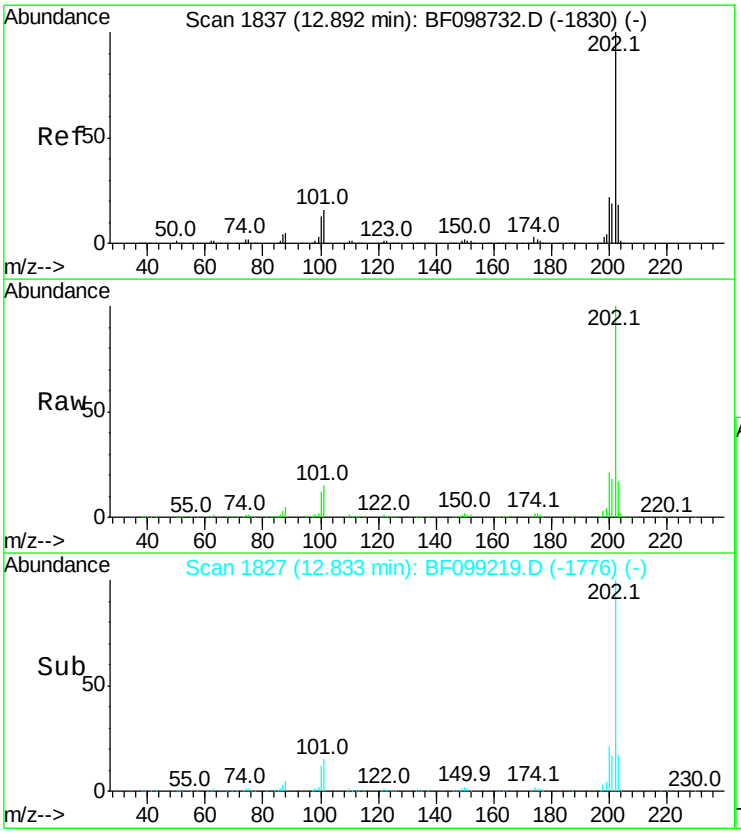
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 195735

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	24.8	20.7	31.1

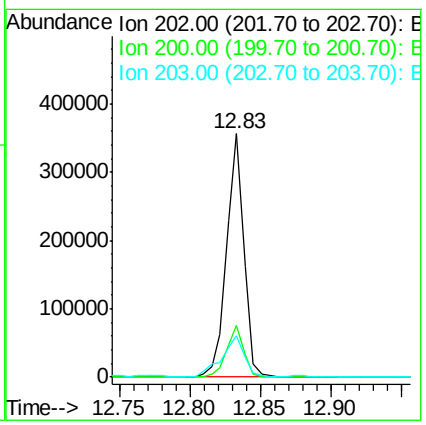


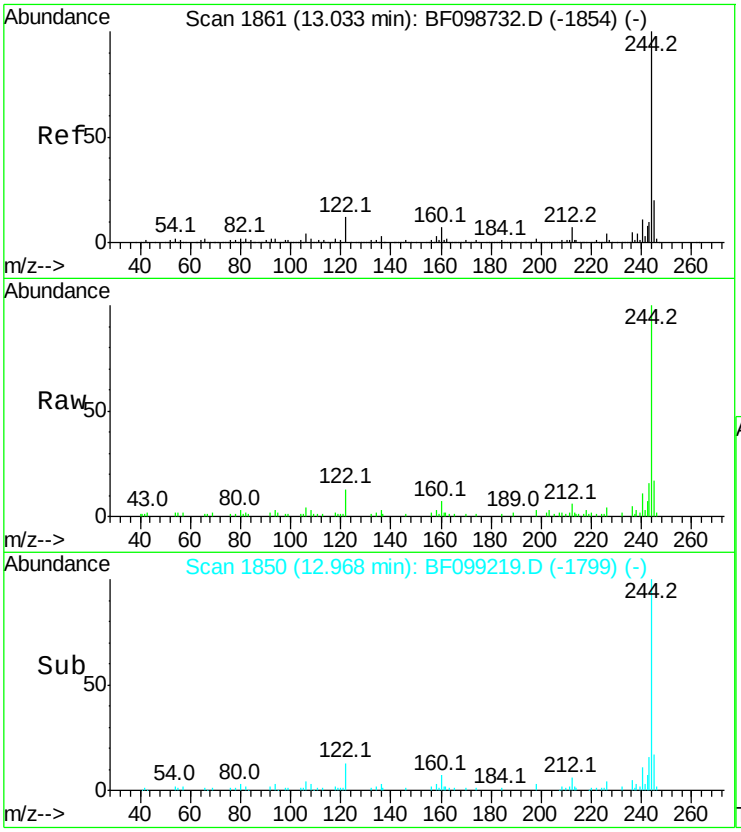


#77
Pyrene
Concen: 20.390 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:202 Resp: 304334

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.2	14.3	21.5



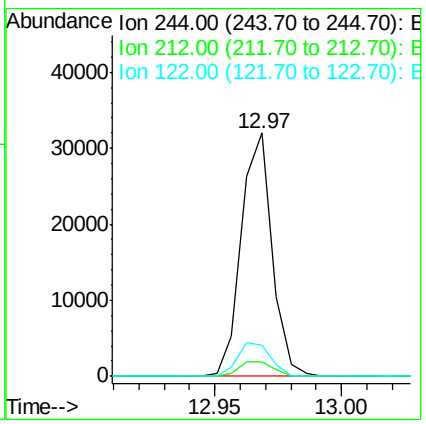


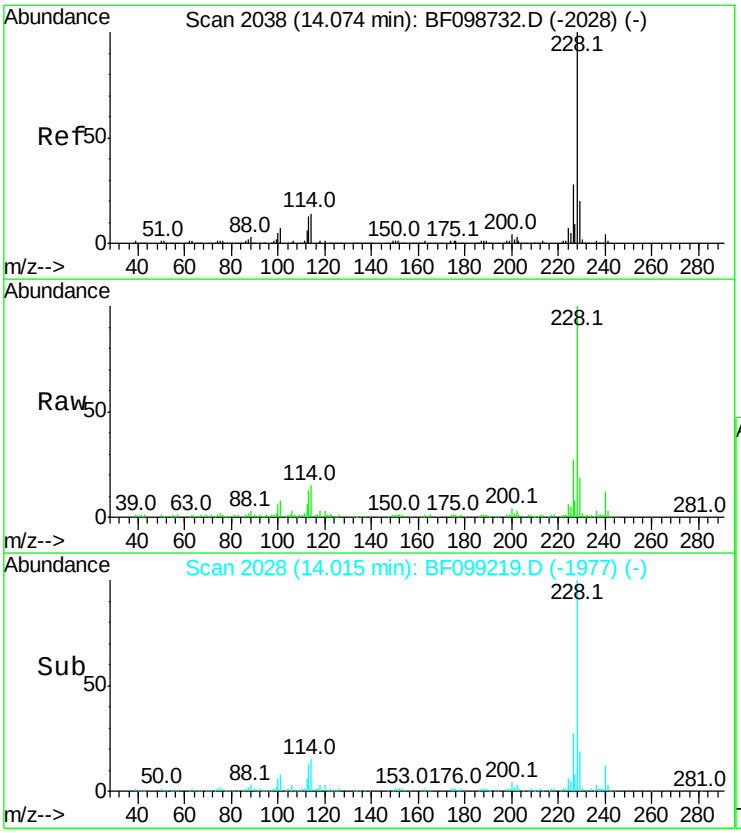
#78
Terphenyl-d14
Concen: 3.141 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 27036

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	12.9	11.0	16.4

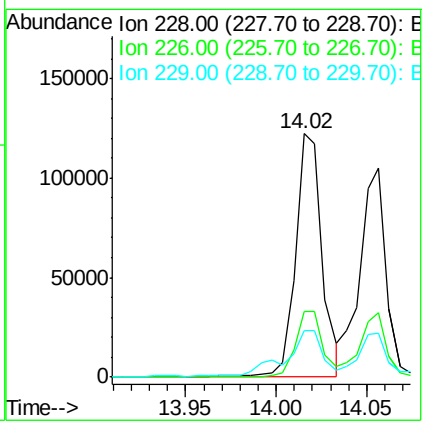


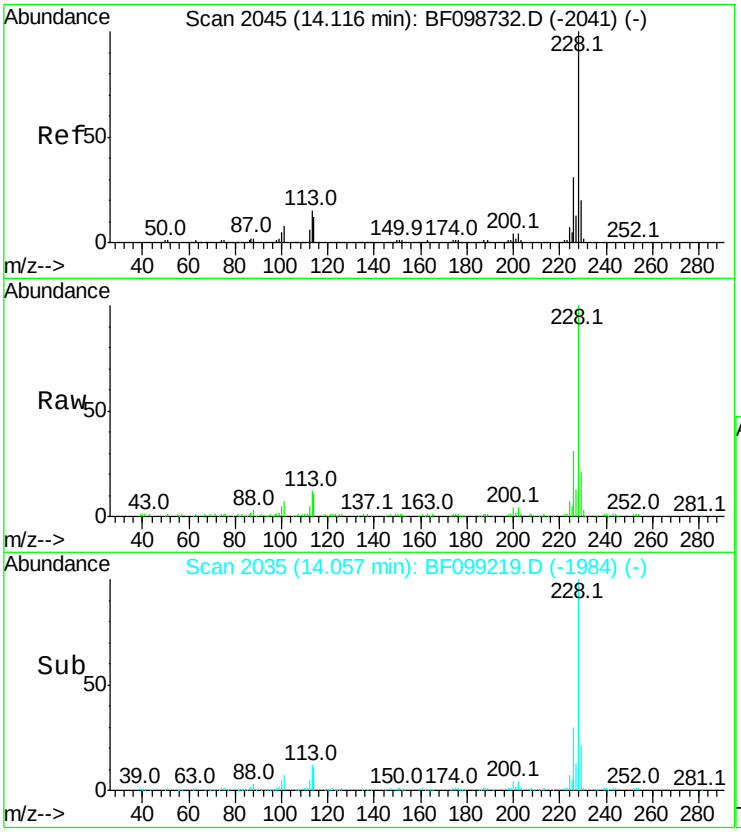


#80
Benzo(a)anthracene
Concen: 10.693 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:228 Resp: 126738

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	18.9	15.8	23.6



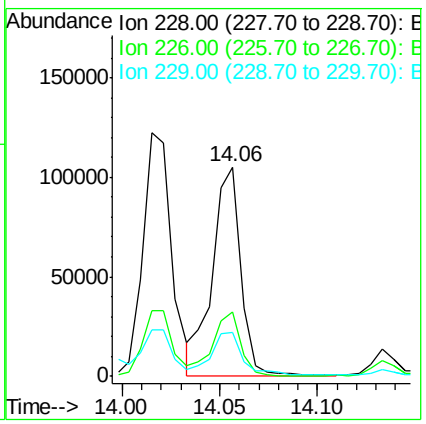


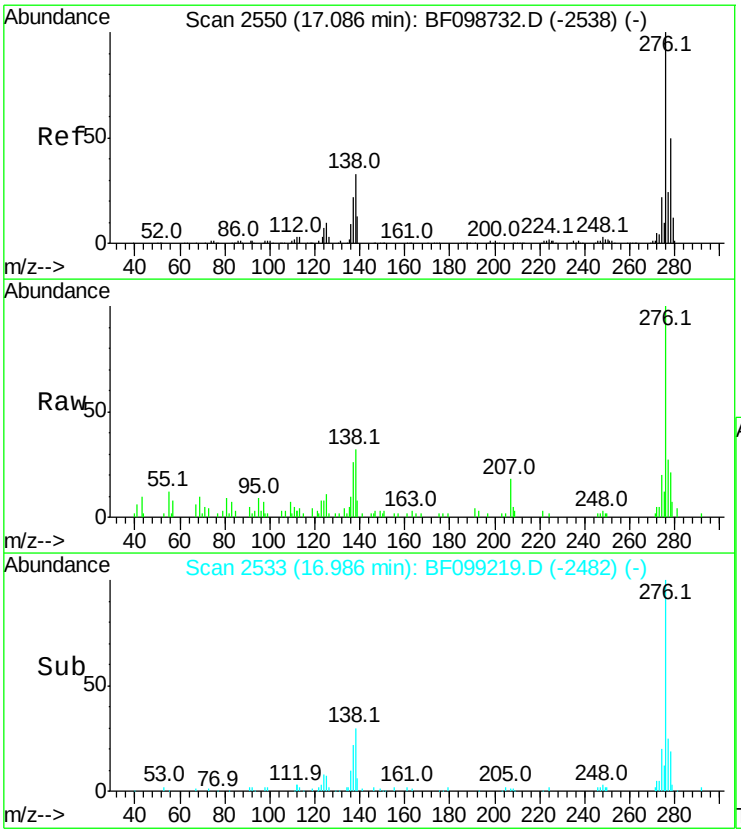
#82
Chrysene
Concen: 9.468 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 106834

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.2	16.2	24.4

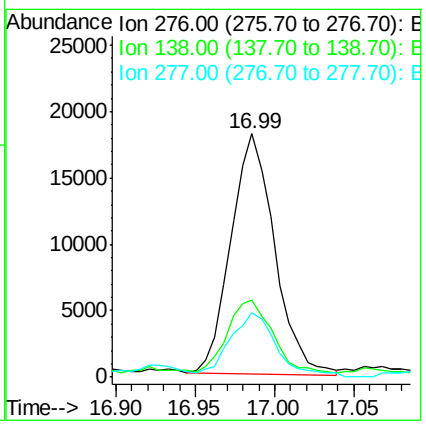


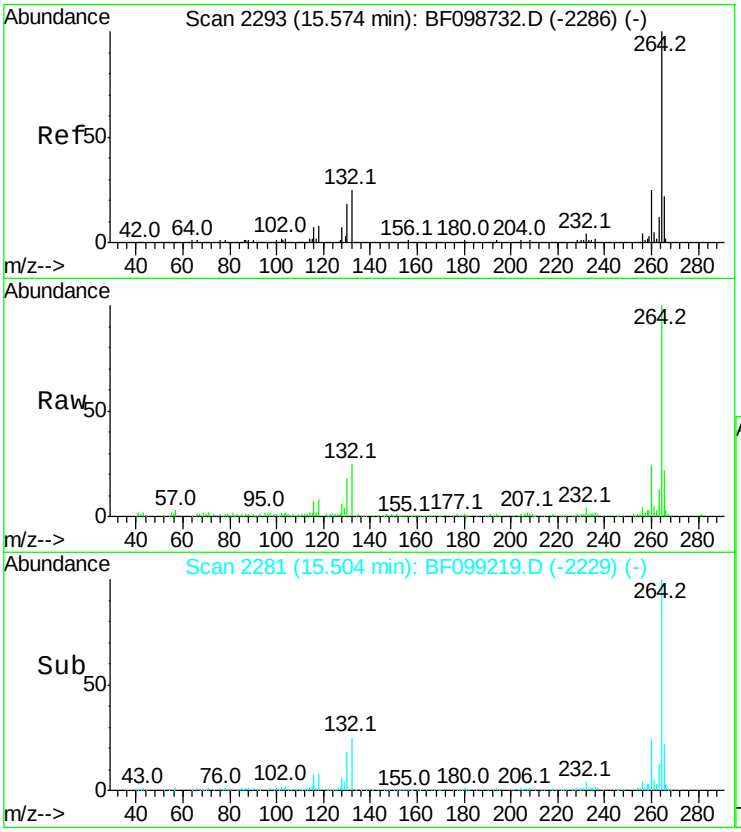


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.855 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:276 Resp: 34799

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.6
277	28.5	20.1	30.1



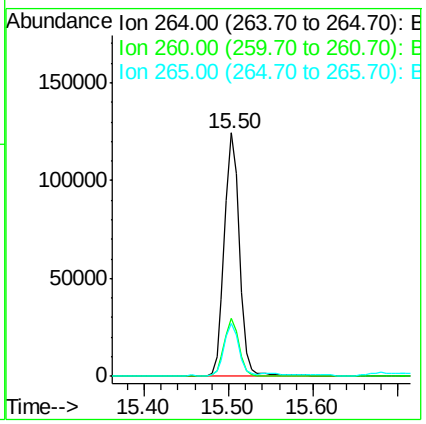


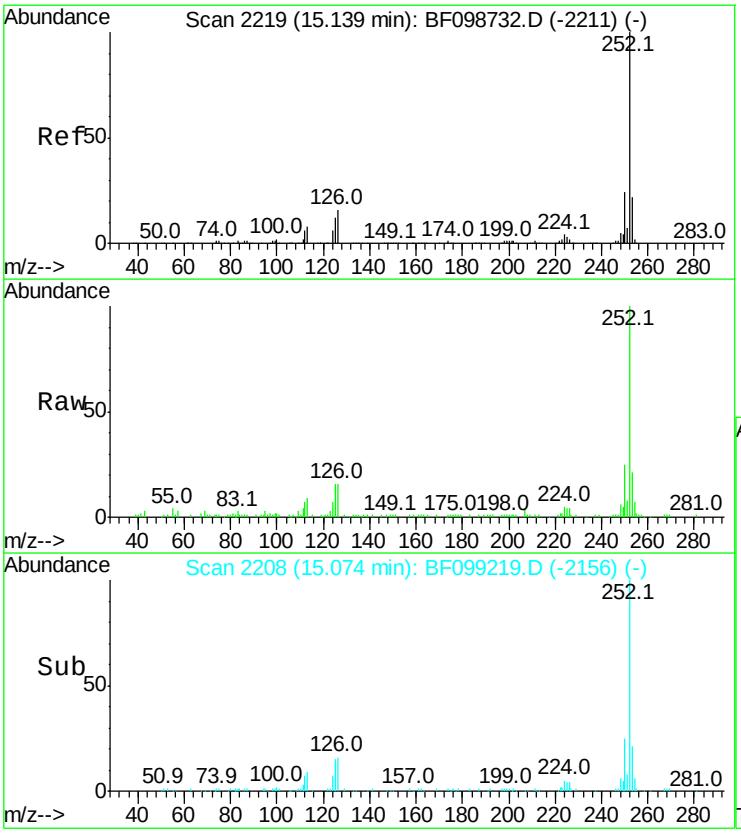
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 154765

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3

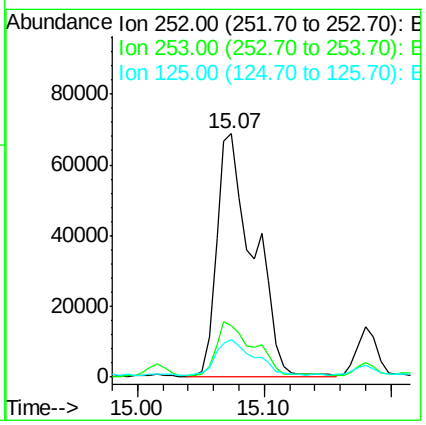


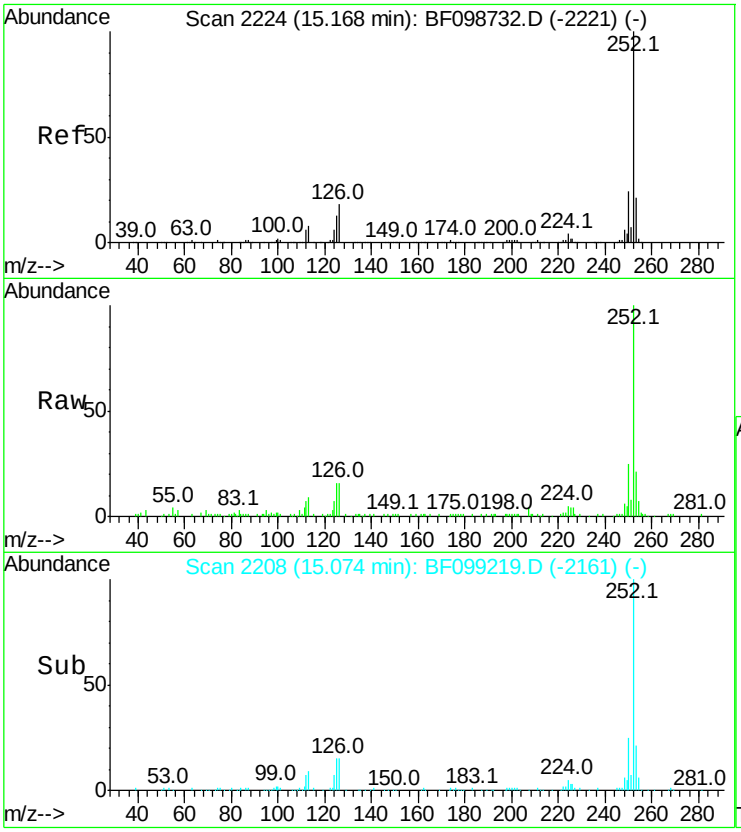


#87
Benzo(b)fluoranthene
Concen: 14.615 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:252 Resp: 139073

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	15.5	9.0	13.6#



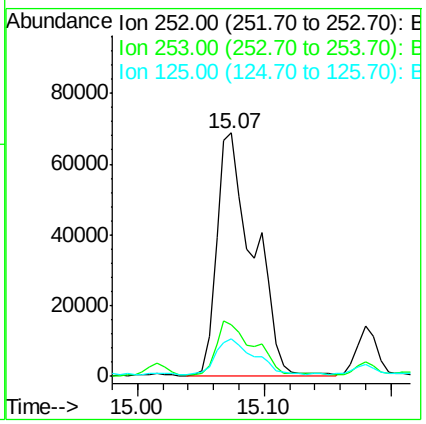


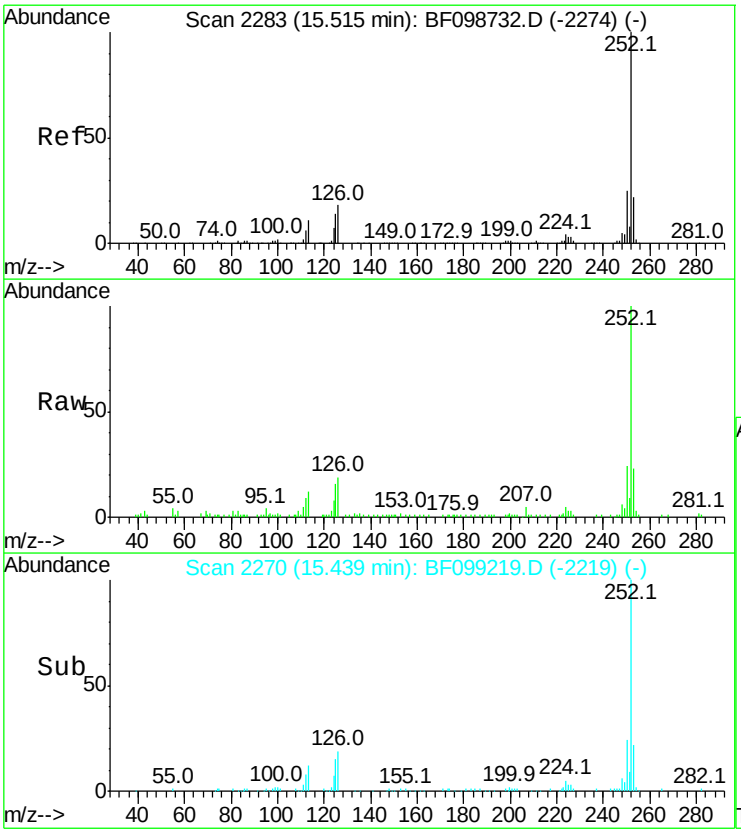
#88
Benzo(k)fluoranthene
Concen: 14.797 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 139073

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	15.5	10.2	15.2#

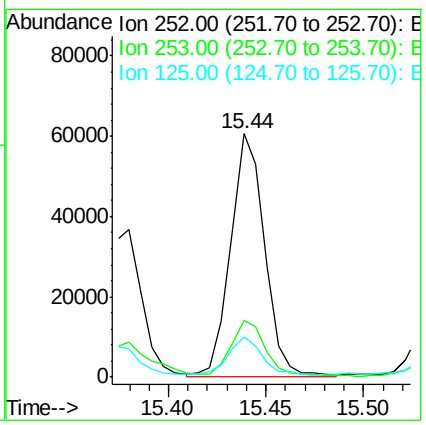


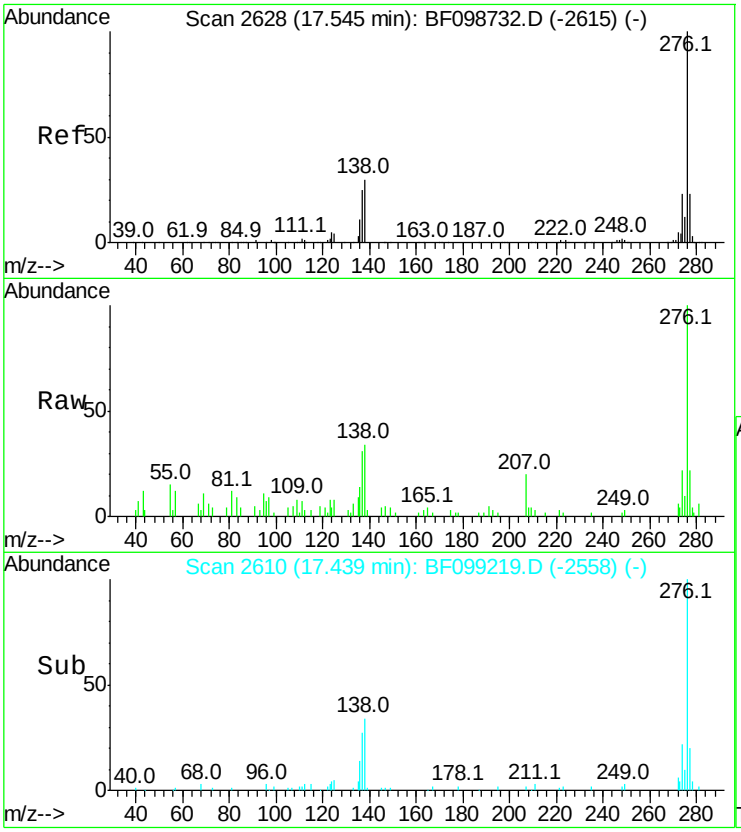


#89
Benzo(a)pyrene
Concen: 8.321 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Tgt Ion:252 Resp: 72683

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	16.4	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.760 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.01 min
Lab File: BF099219.D
Acq: 8 Oct 2017 4:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32893

Ion	Ratio	Lower	Upper
276	100		
277	22.1	17.9	26.9
138	33.6	21.8	32.8#