Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099408.D
Acq On : 12 Oct 2017 21:28
Operator : SJ/JU
Sample : I5729-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 13 00:55:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	114254	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	463467	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	185667	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	270032	20.00	ng		0.00
75) Chrysene-d12	14.02	240	216485	20.00	ng		0.00
86) Perylene-d12	15.49	264	186030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	147851	20.60	ng		0.00
7) Phenol-d6	6.48	99	184776	20.87	ng		0.00
23) Nitrobenzene-d5	7.41	82	110145	15.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	26027	17.13	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	226697	20.38	ng		0.00
78) Terphenyl-d14	12.95	244	142540	14.97	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	14409	2.55	ng	#	76
25) Isophorone	7.41	82	110159	7.37	ng	#	64
37) 2-Methylnaphthalene	8.85	142	28513	2.01	ng		96
50) 2,6-Dinitrotoluene	9.89	165	25083	8.22	ng	#	25
56) 2,4-Dinitrotoluene	9.89	165	25083	6.34	ng	#	23
70) Phenanthrene	11.40	178	222890	15.42	ng		98
71) Anthracene	11.45	178	47218	3.19	ng		97
73) Di-n-butylphthalate	11.93	149	51344	2.95	ng	#	99
74) Fluoranthene	12.59	202	406863	27.80	ng		97
77) Pyrene	12.82	202	376048	22.78	ng		99
80) Benzo(a)anthracene	14.00	228	216819	16.54	ng		99
82) Chrysene	14.04	228	201551	16.15	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	73715	7.38	ng		98
87) Benzo(b)fluoranthene	15.06	252	302990	26.49	ng	#	97
88) Benzo(k)fluoranthene	15.06	252	302990	26.82	ng		97
89) Benzo(a)pyrene	15.43	252	150866	14.37	ng	#	97
91) Benzo(g,h,i)perylene	17.42	276	70207	8.45	ng		93

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

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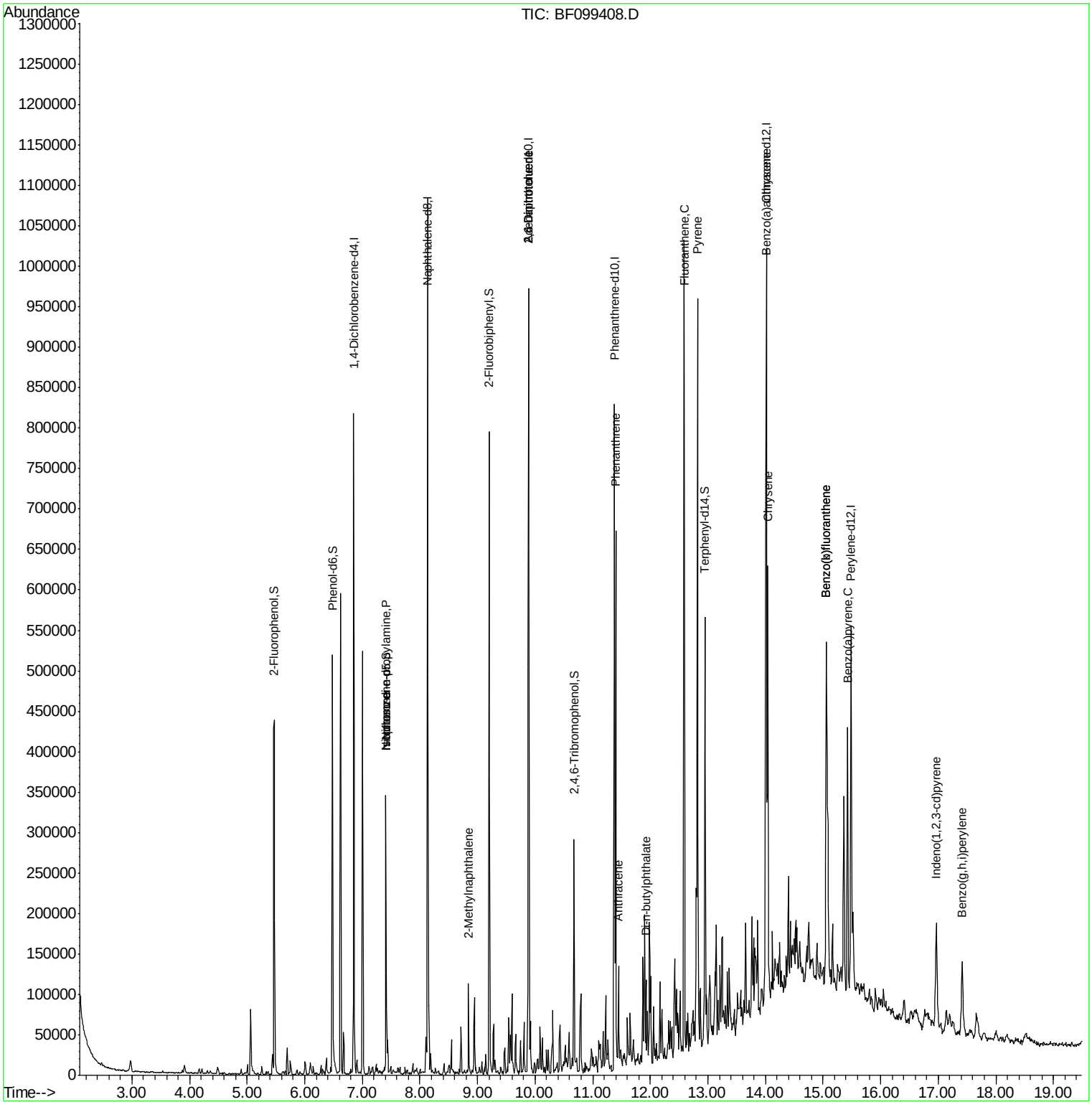
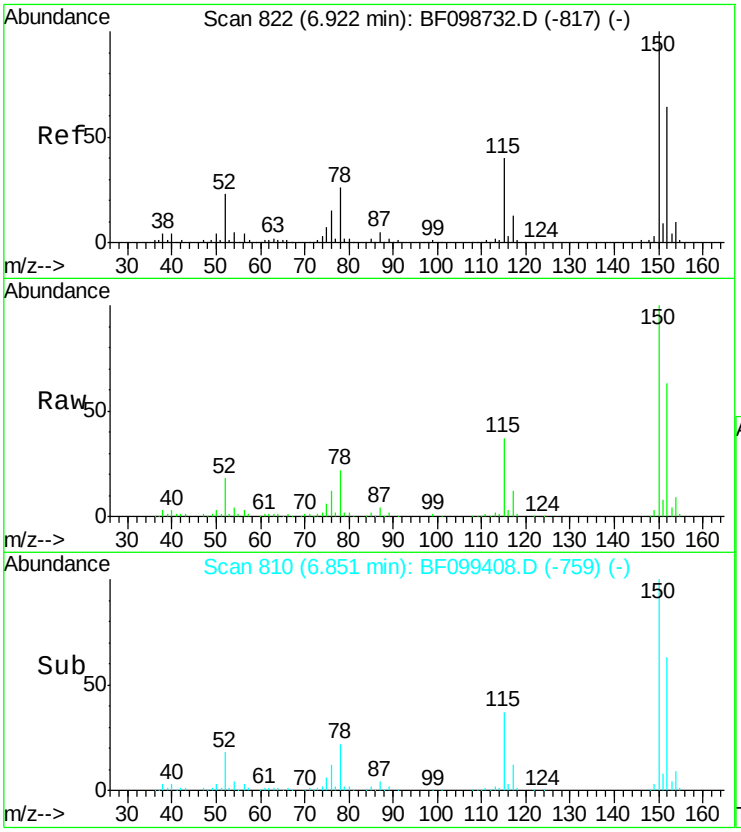
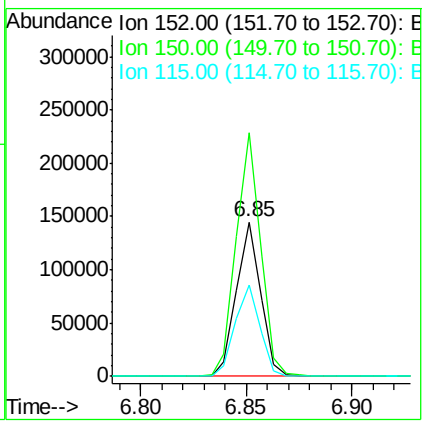




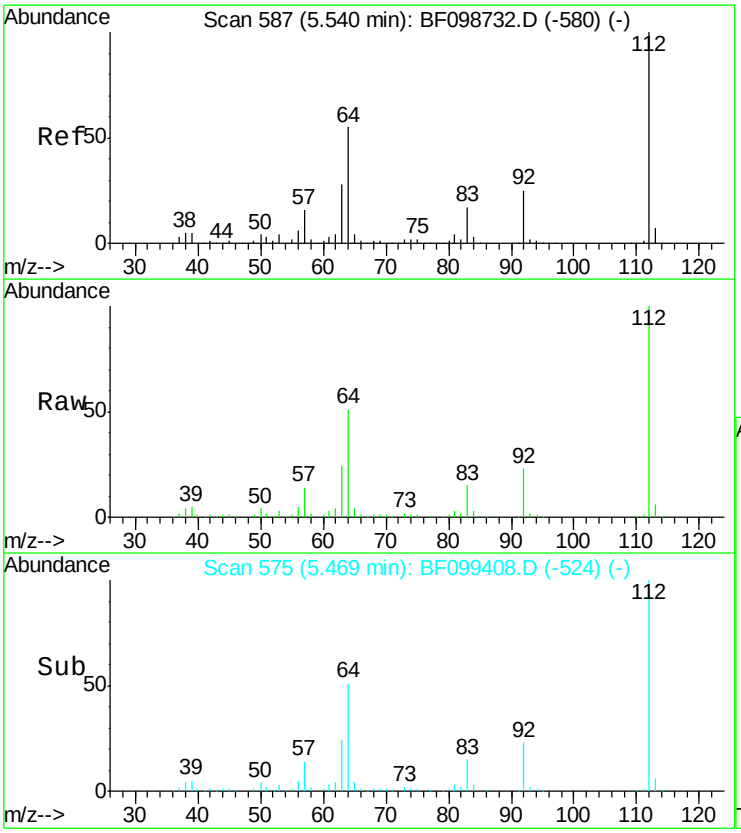
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:152 Resp: 114254

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	58.8	50.1	75.1



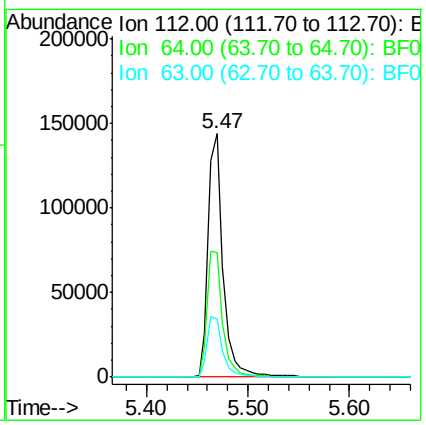
Instrument :
BNA_F
ClientSampleId :

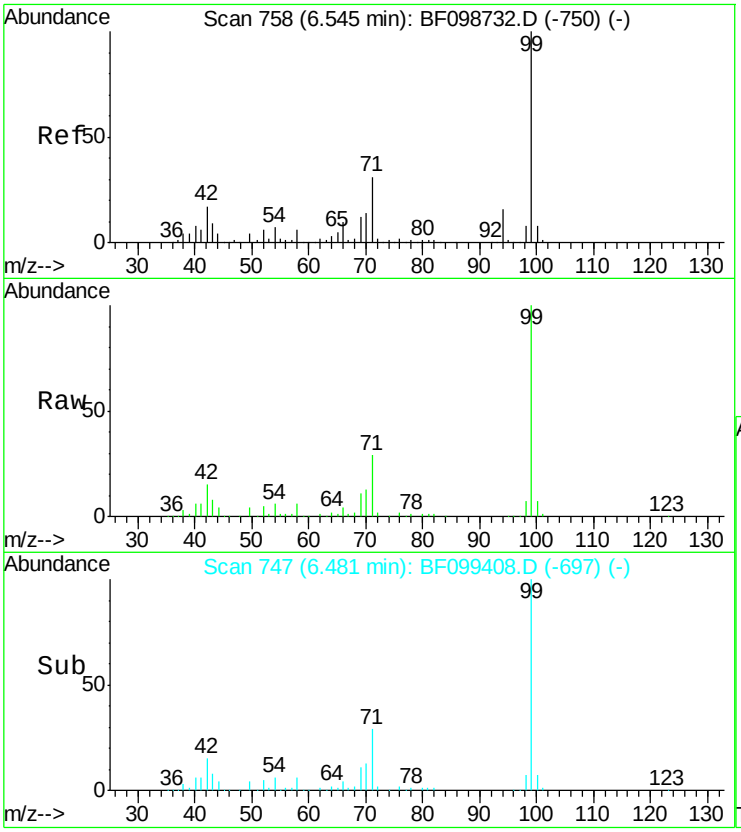


#5
2-Fluorophenol
Concen: 20.60 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:112 Resp: 147851

Ion	Ratio	Lower	Upper
112	100		
64	51.2	47.9	71.9
63	23.8	23.7	35.5



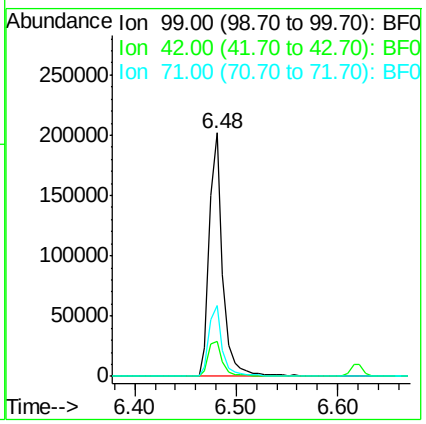


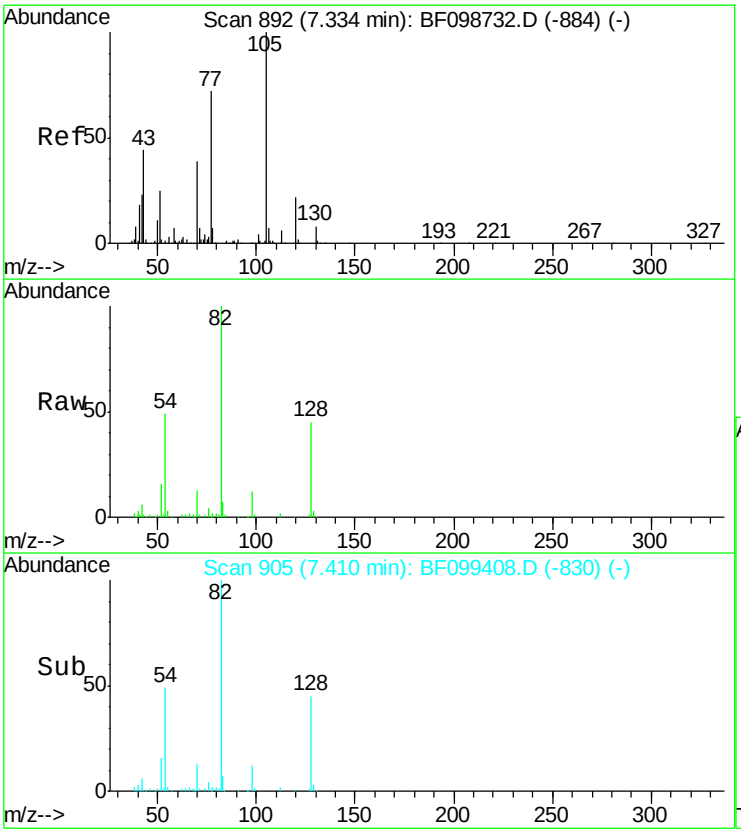
#7
Phenol-d6
Concen: 20.87 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 184776

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	29.3	25.4	38.0

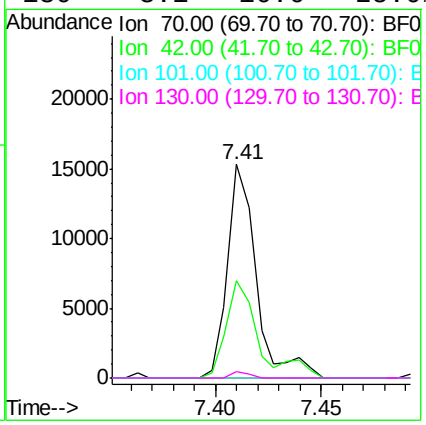


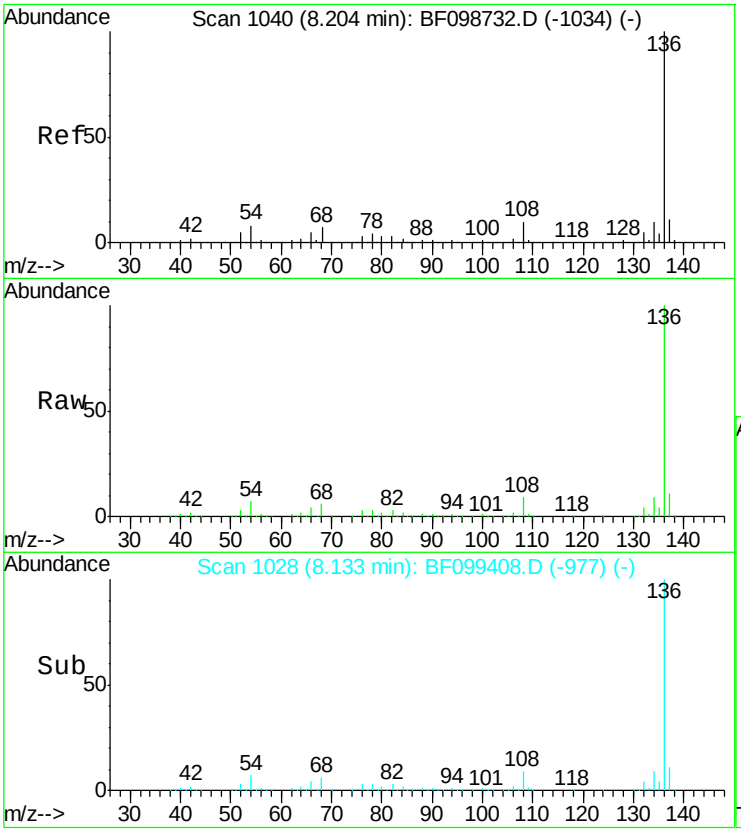


#19
n-Nitroso-di-n-propylamine
Concen: 2.55 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion: 70 Resp: 14409

Ion	Ratio	Lower	Upper
70	100		
42	45.4	47.5	71.3#
101	0.0	7.4	11.2#
130	3.1	16.6	25.0#



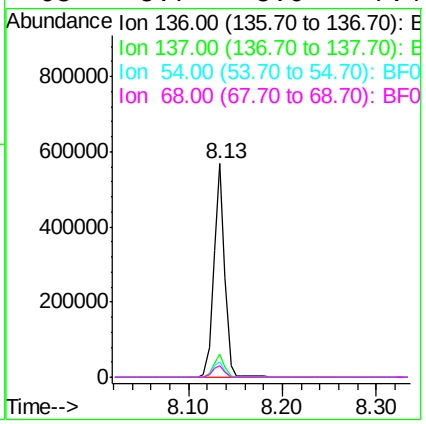


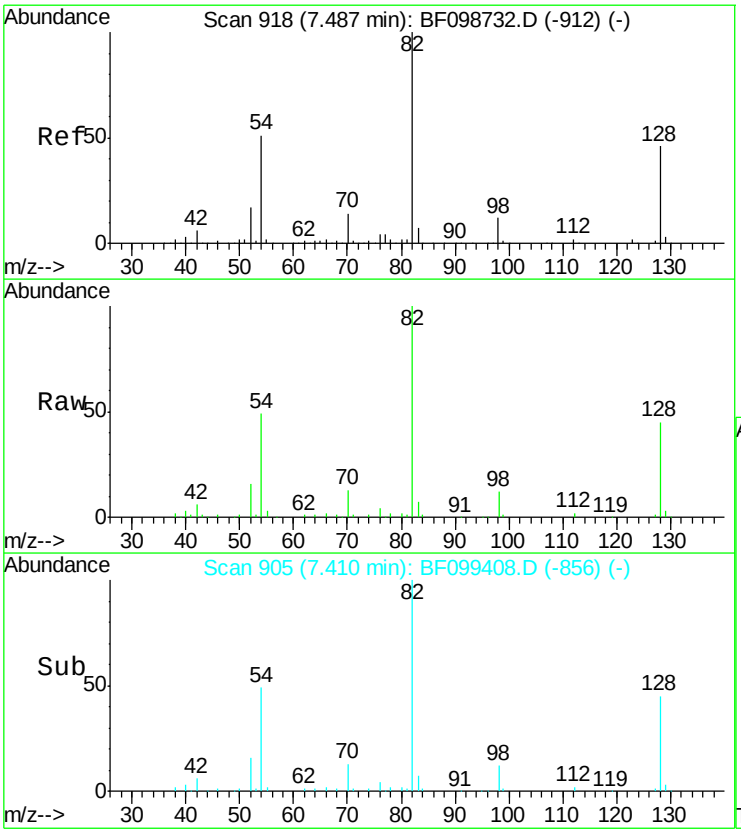
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 463467

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4

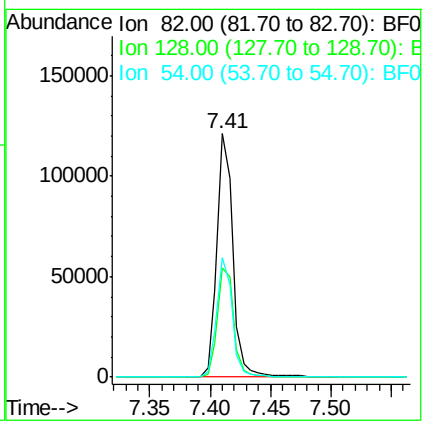


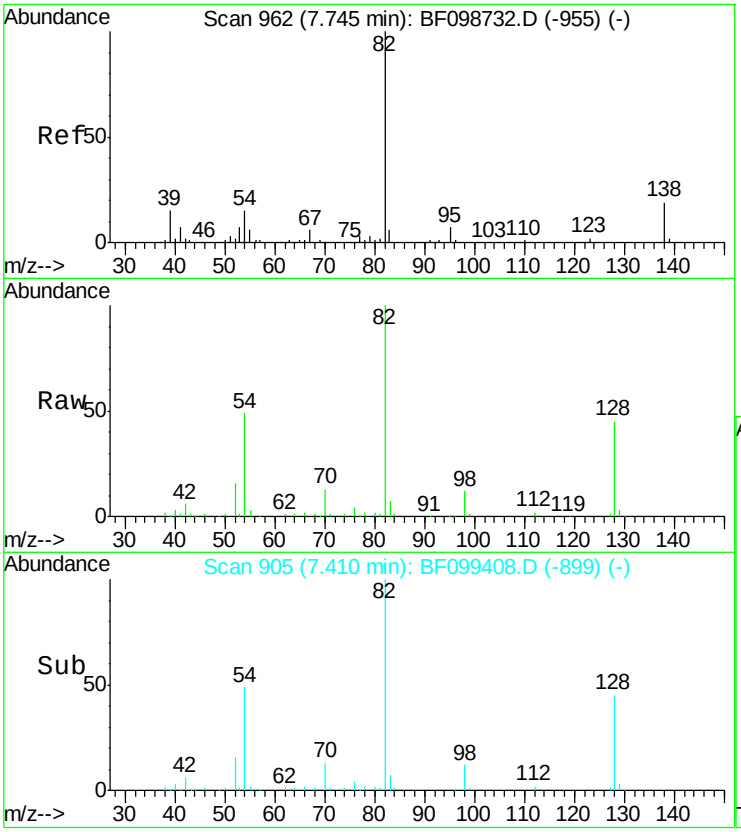


#23
Nitrobenzene-d5
Concen: 15.24 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion: 82 Resp: 110145

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	49.3	41.4	62.2



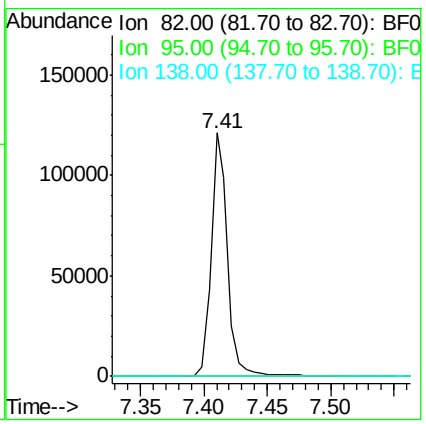


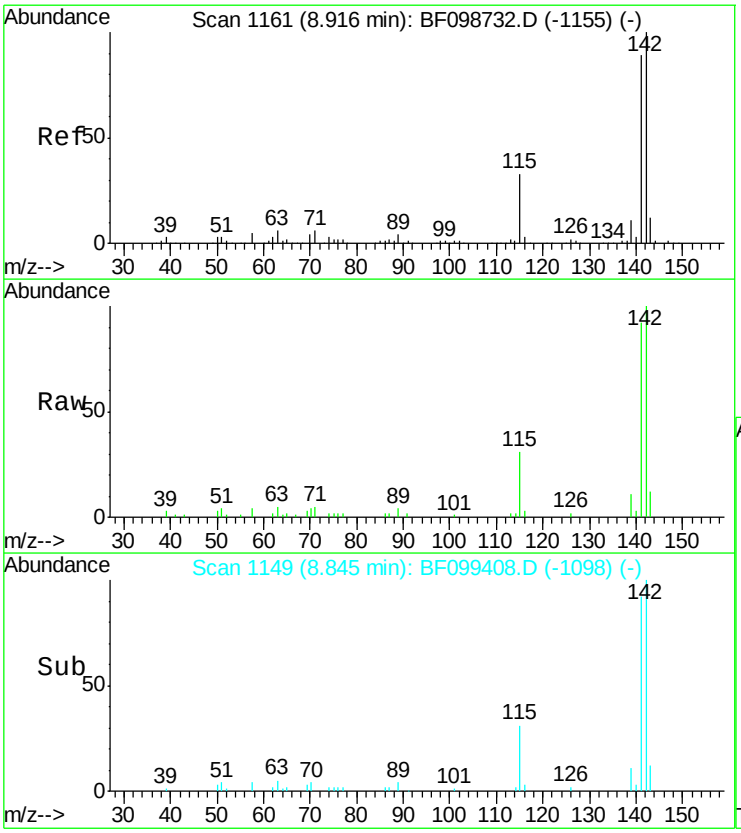
#25
Isophorone
Concen: 7.37 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 110159

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#

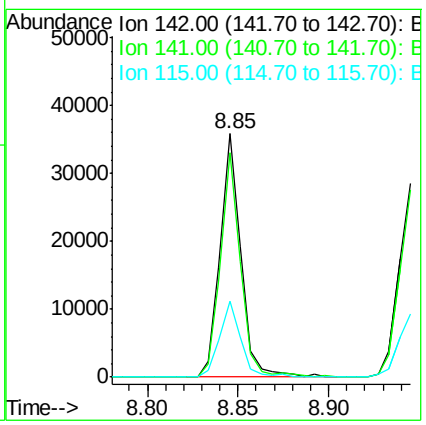


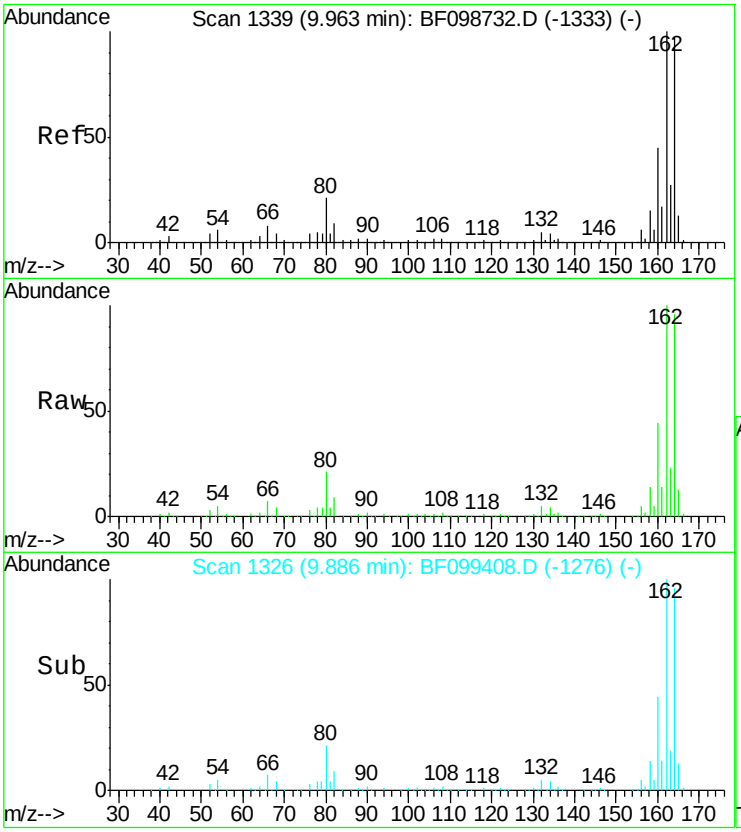


#37
2-Methylnaphthalene
Concen: 2.01 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:142 Resp: 28513

Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.8	106.2
115	31.2	26.1	39.1



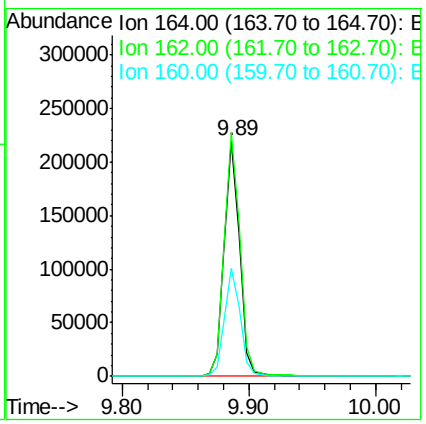


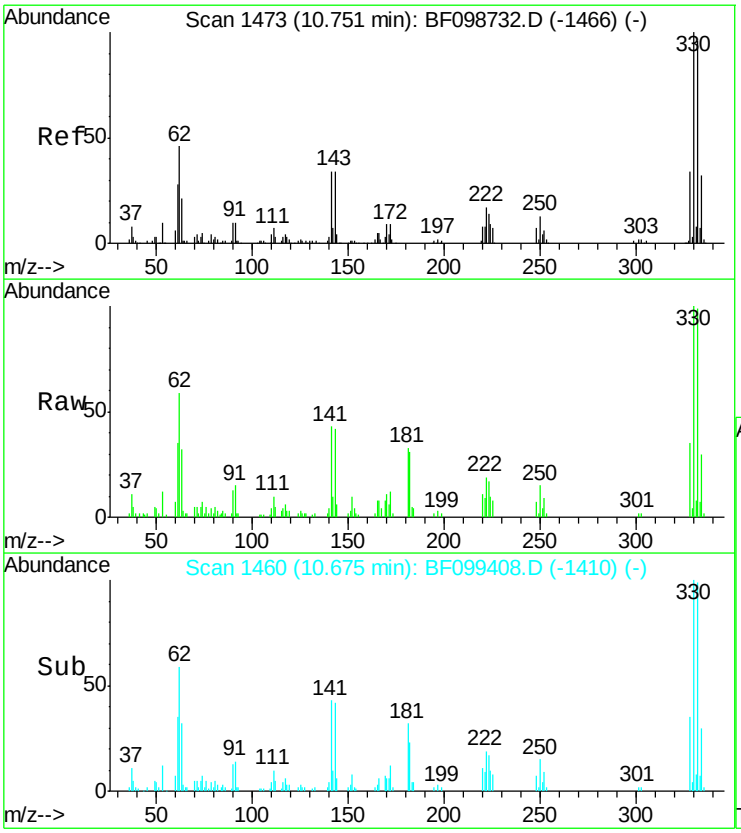
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 185667

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.9	38.3	57.5

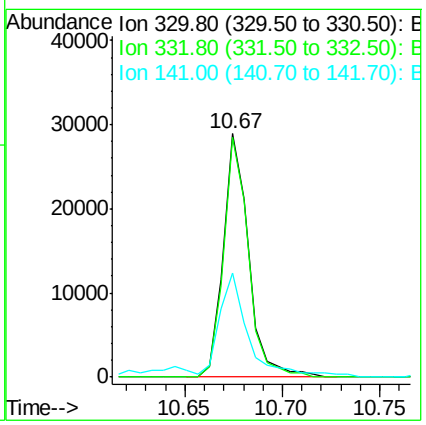


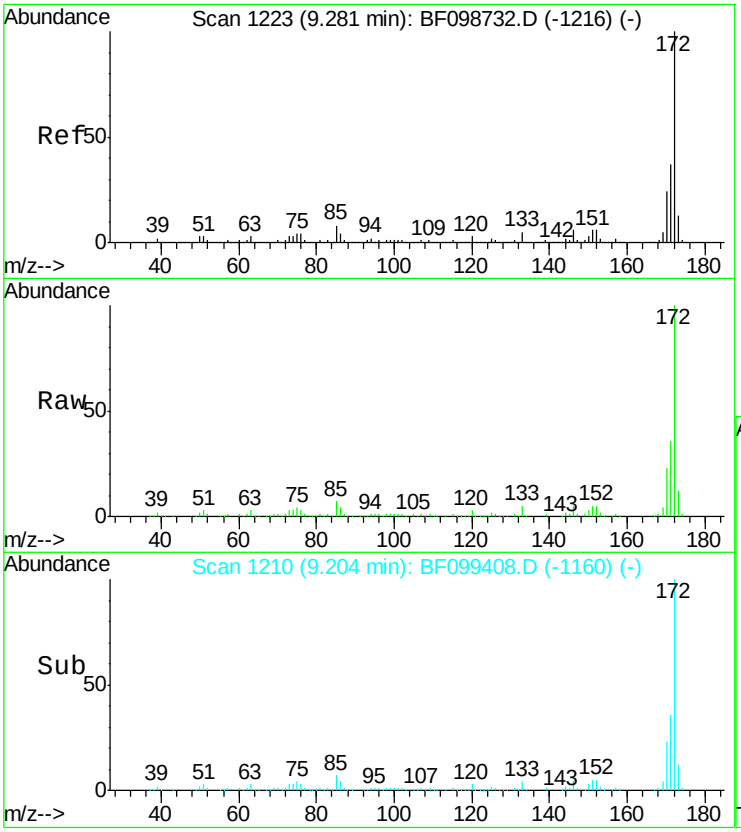


#41
2,4,6-Tribromophenol
Concen: 17.13 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:330 Resp: 26027

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	49.5	29.9	44.9#



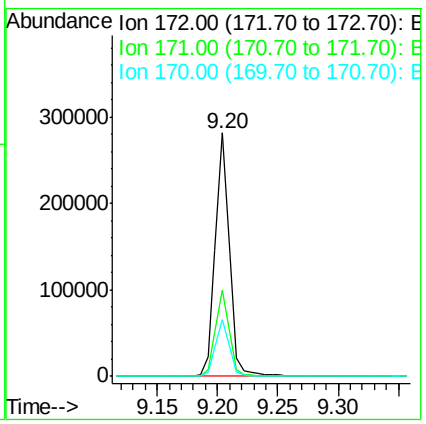


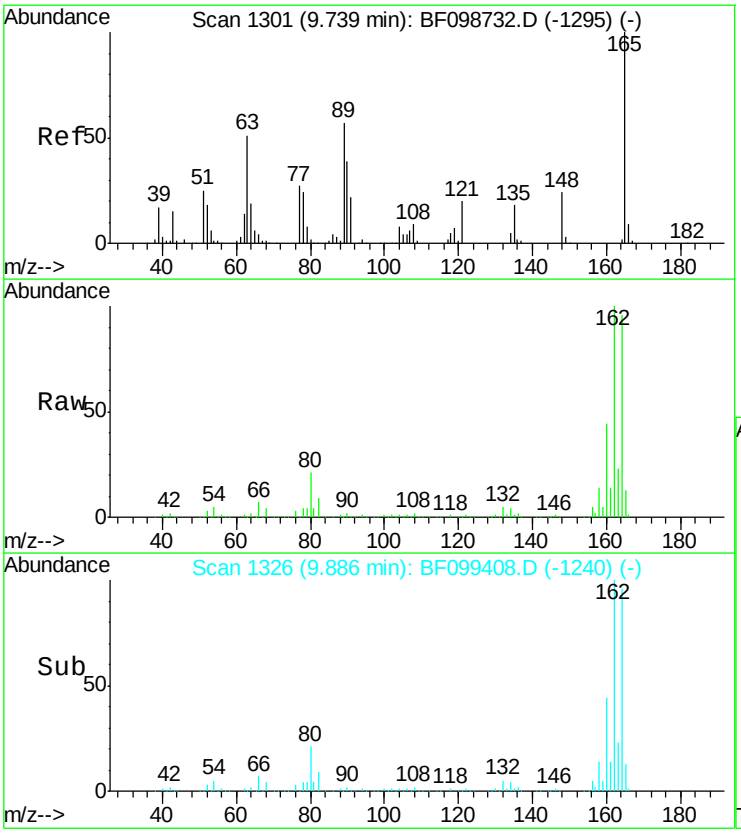
#44
2-Fluorobiphenyl
Concen: 20.38 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 226697

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.2	19.6	29.4

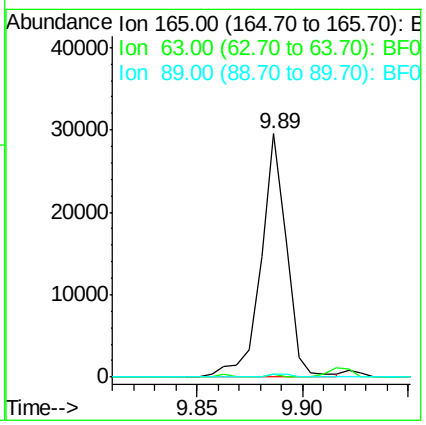


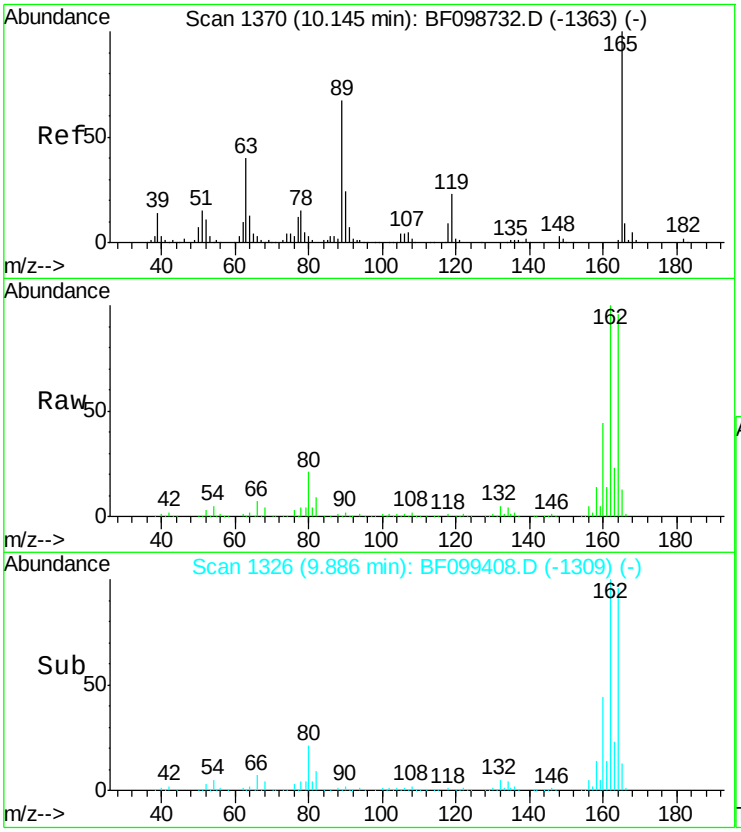


#50
2,6-Dinitrotoluene
Concen: 8.22 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:165 Resp: 25083

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.2	44.0	66.0#



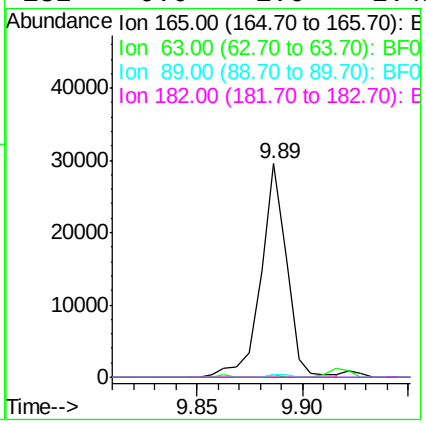


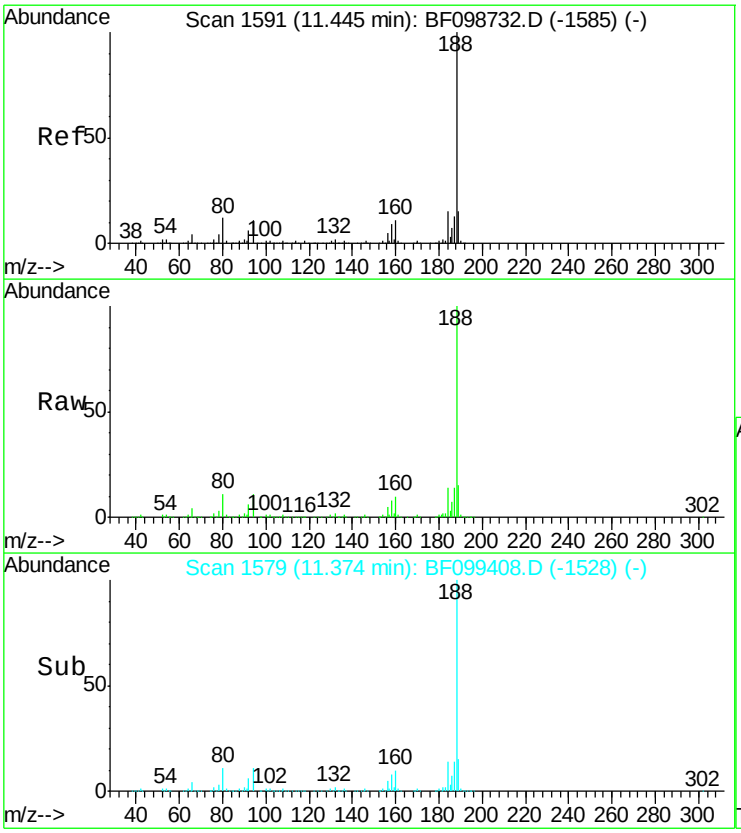
#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25083

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

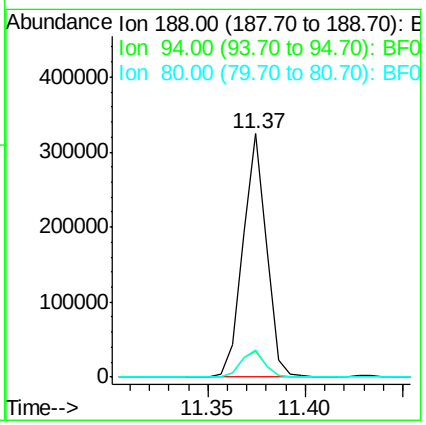


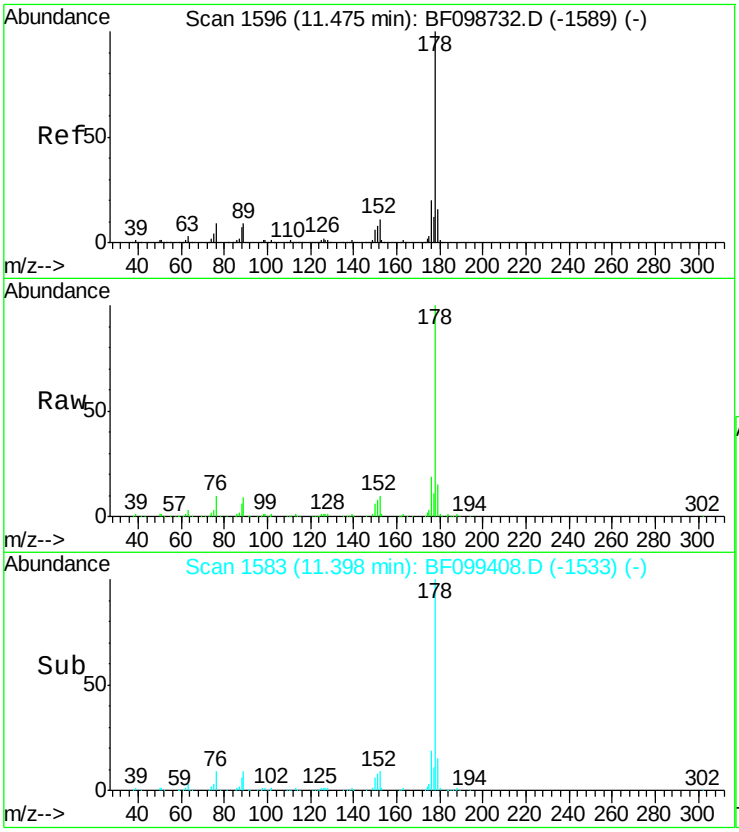


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:188 Resp: 270032

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8



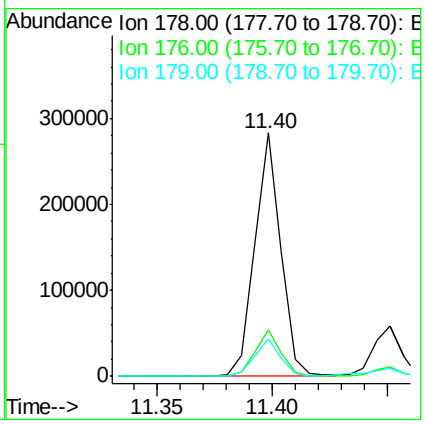


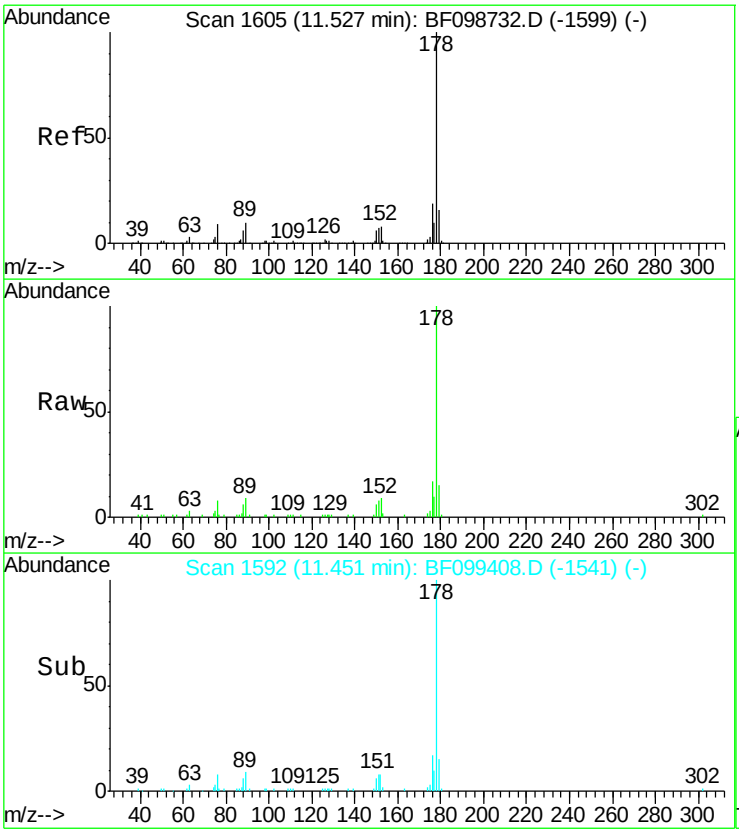
#70
Phenanthrene
Concen: 15.42 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 222890

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.4	13.0	19.6

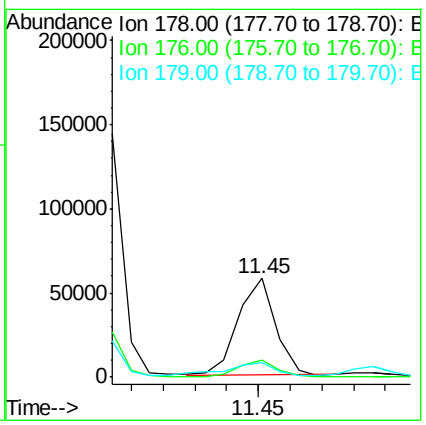


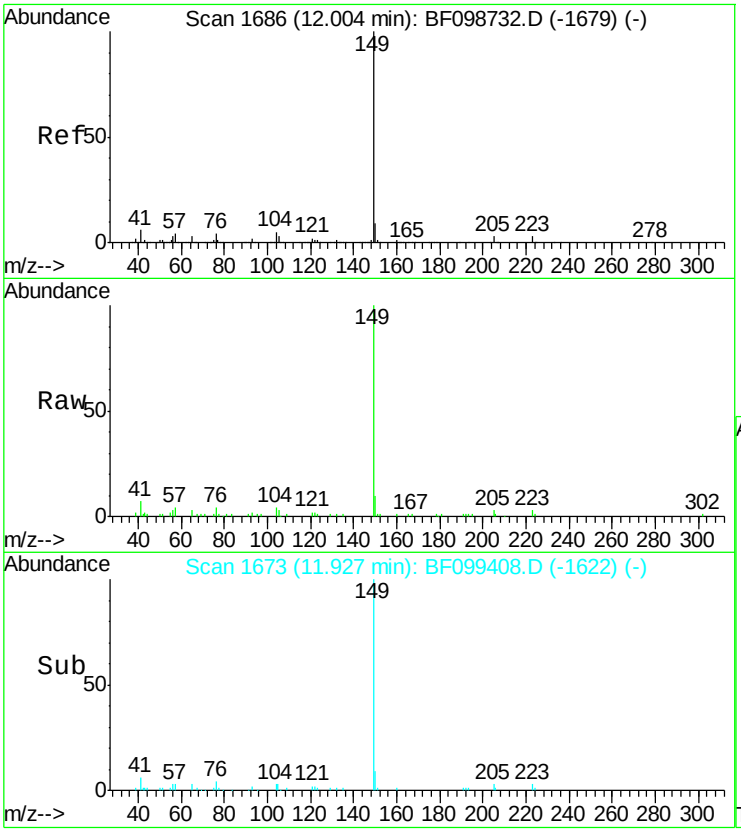


#71
Anthracene
Concen: 3.19 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:178 Resp: 47218

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	14.9	12.6	19.0



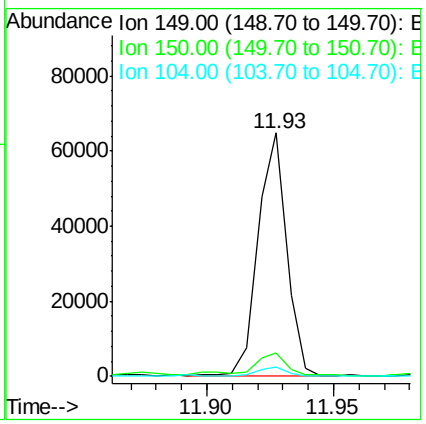


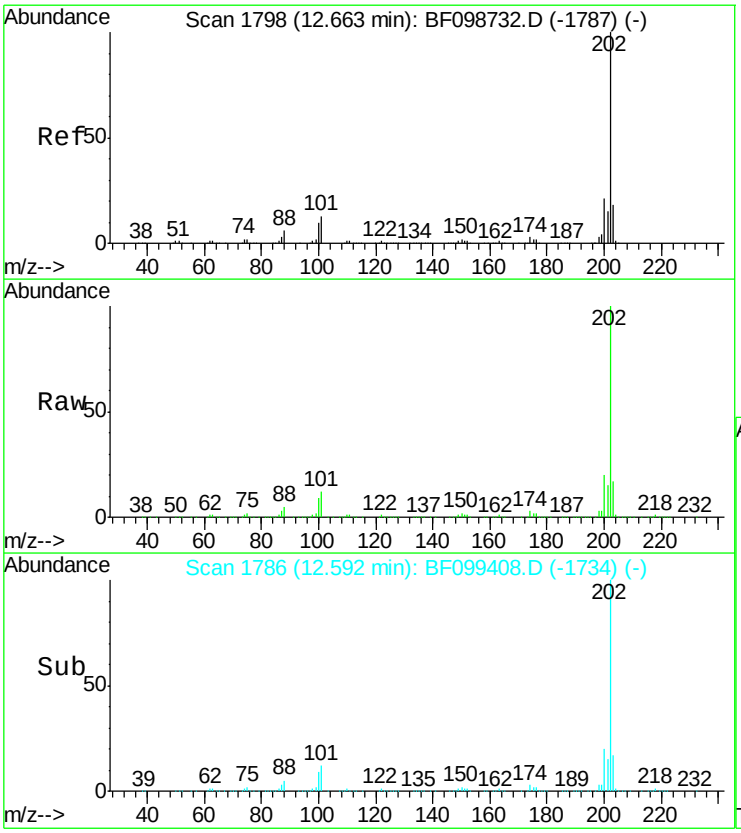
#73
Di-n-butylphthalate
Concen: 2.95 ng
RT: 11.93 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 51344

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	3.6	3.8	5.8#

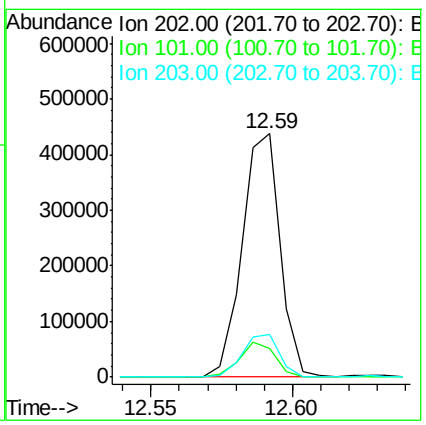


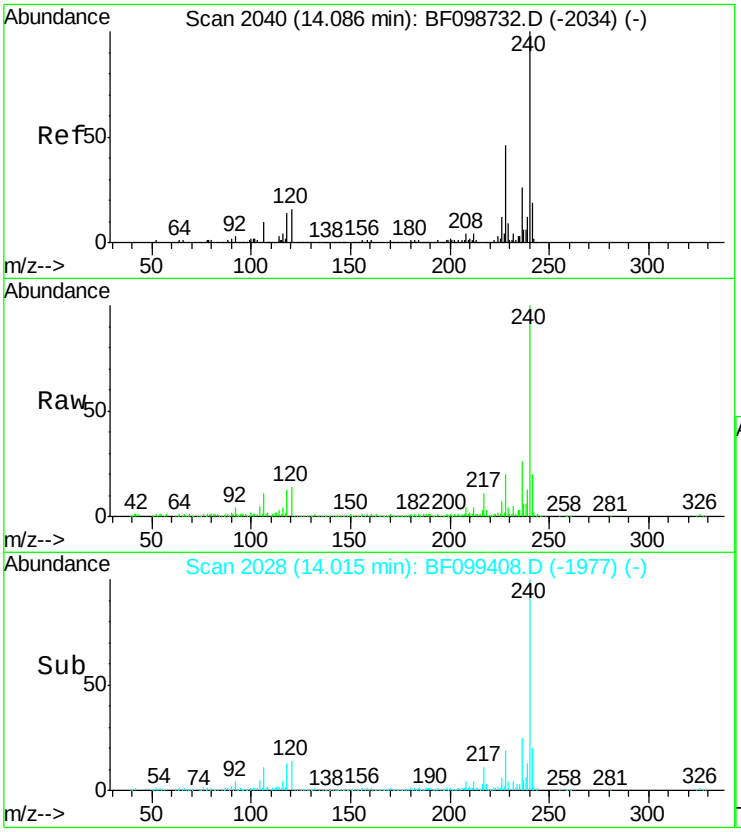


#74
Fluoranthene
Concen: 27.80 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:202 Resp: 406863

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.3	0.0	38.1



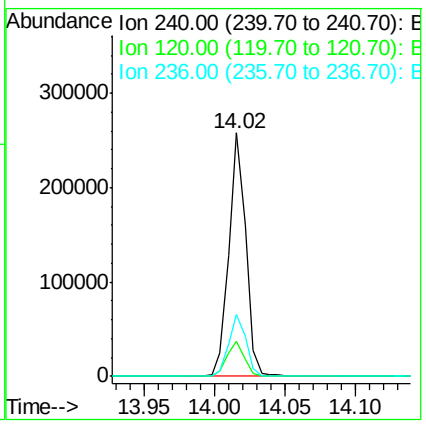


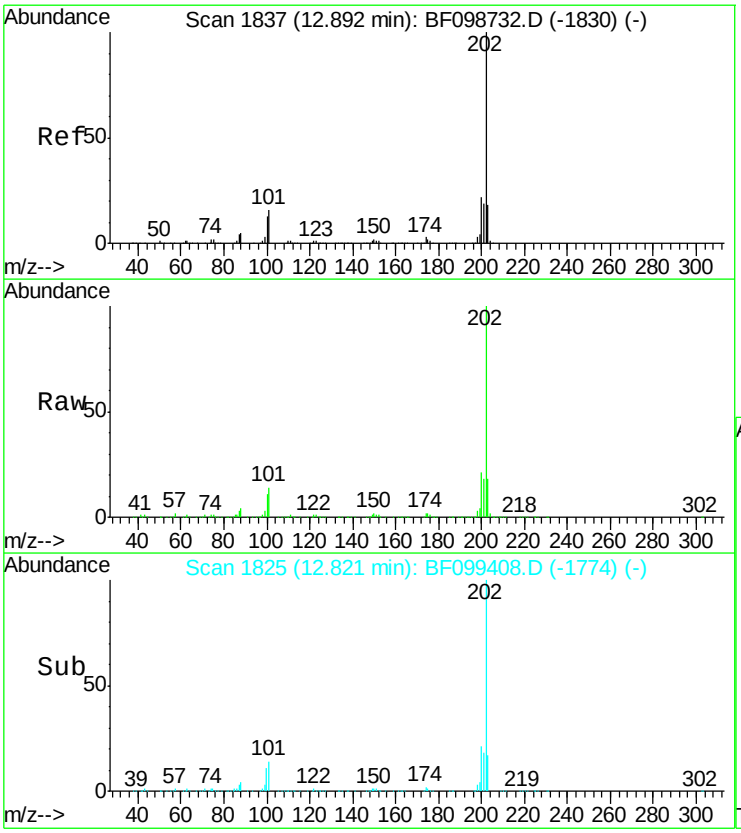
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 216485

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	25.5	20.7	31.1

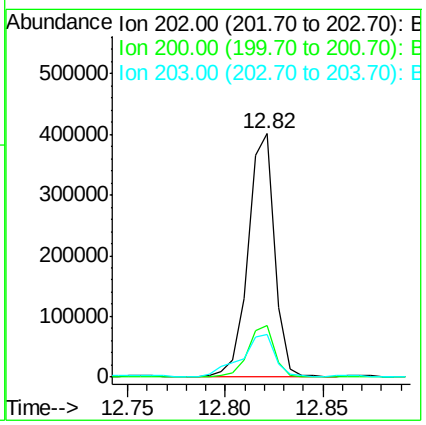


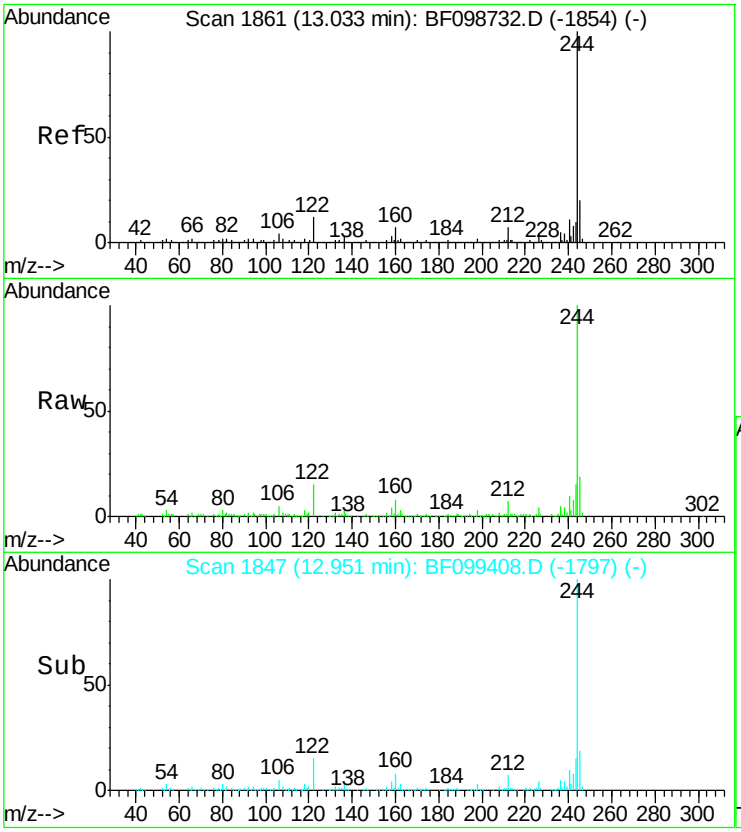


#77
Pyrene
Concen: 22.78 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:202 Resp: 376048

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5



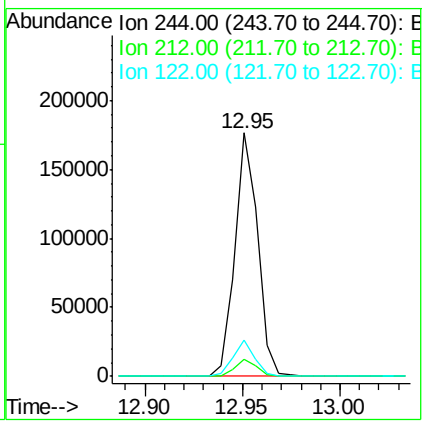


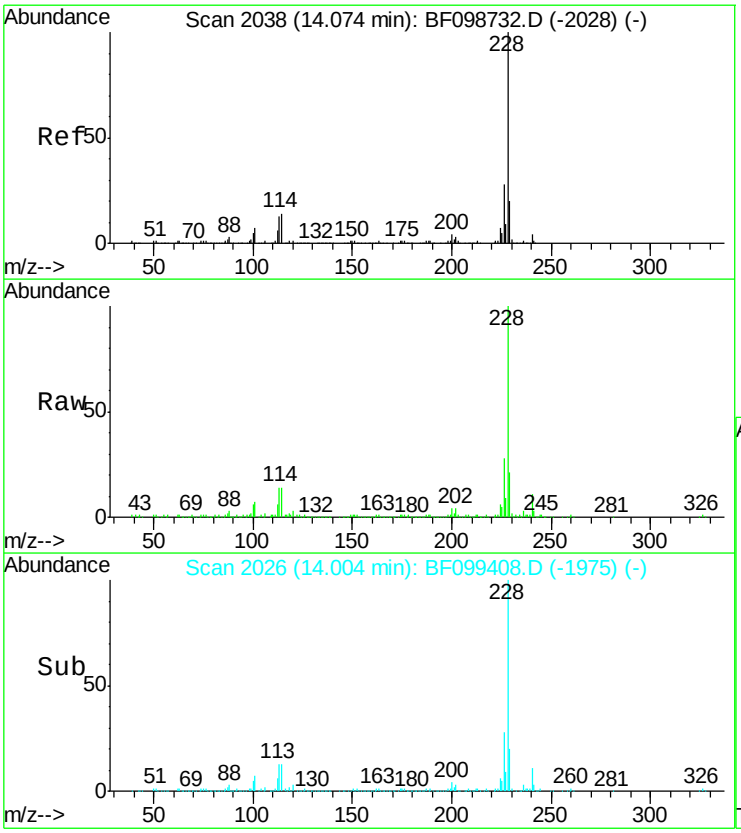
#78
Terphenyl-d14
Concen: 14.97 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 142540

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.7	11.0	16.4

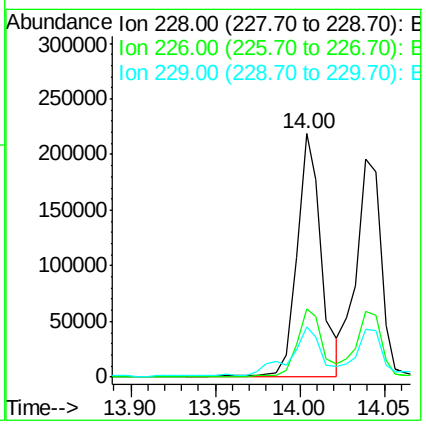


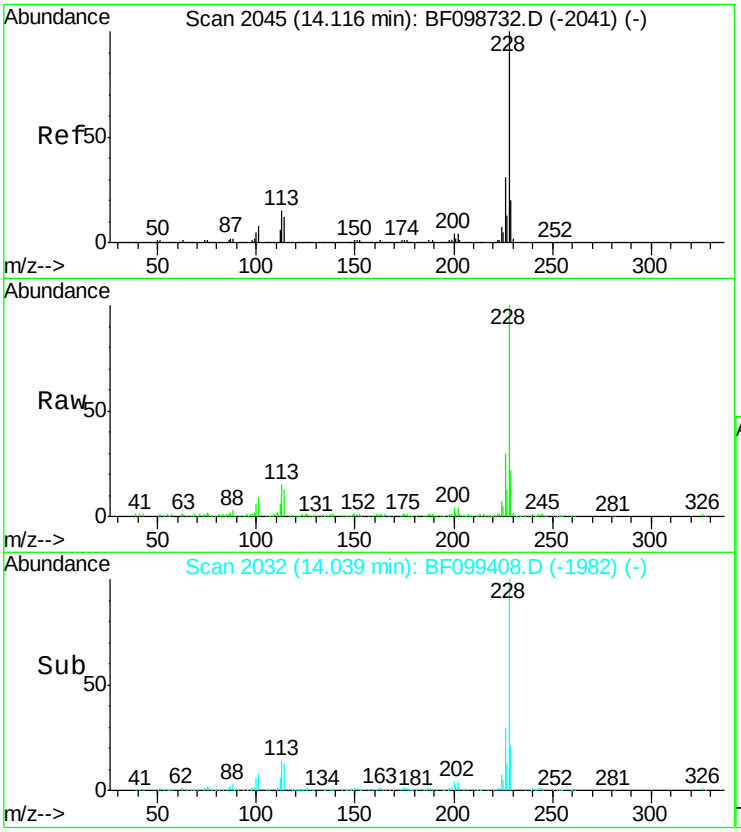


#80
Benzo(a)anthracene
Concen: 16.54 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:228 Resp: 216819

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.7	15.8	23.6



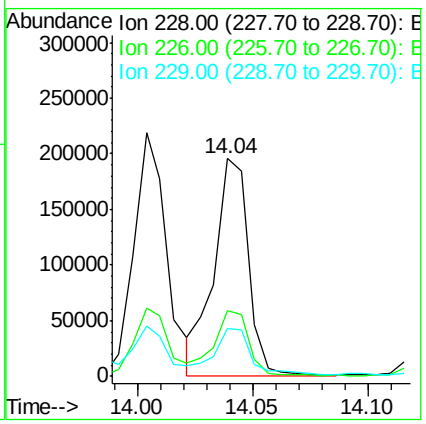


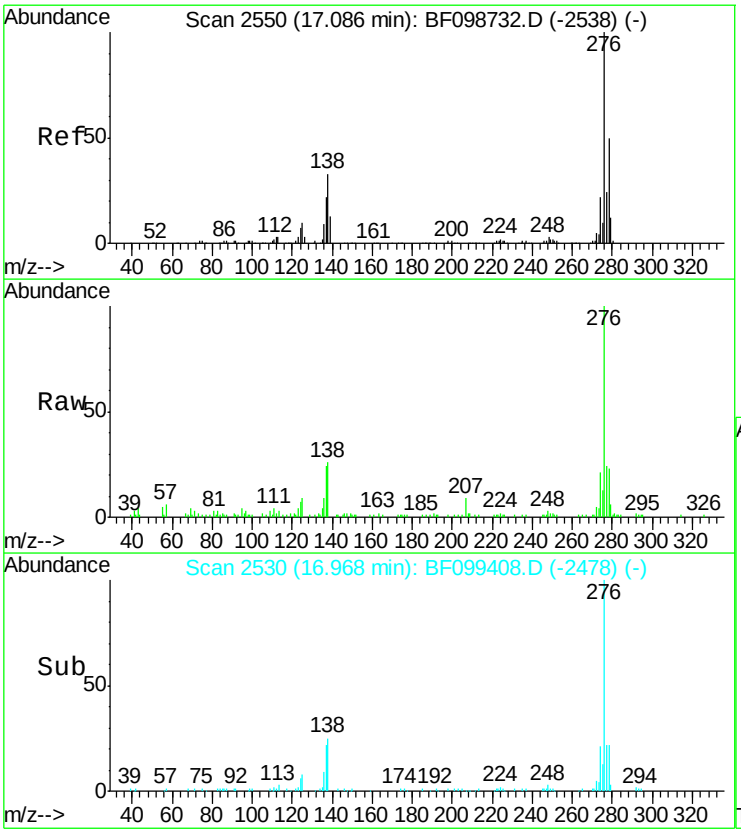
#82
Chrysene
Concen: 16.15 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 201551

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.0	16.2	24.4

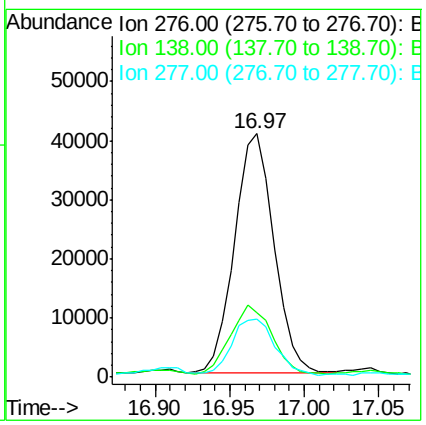


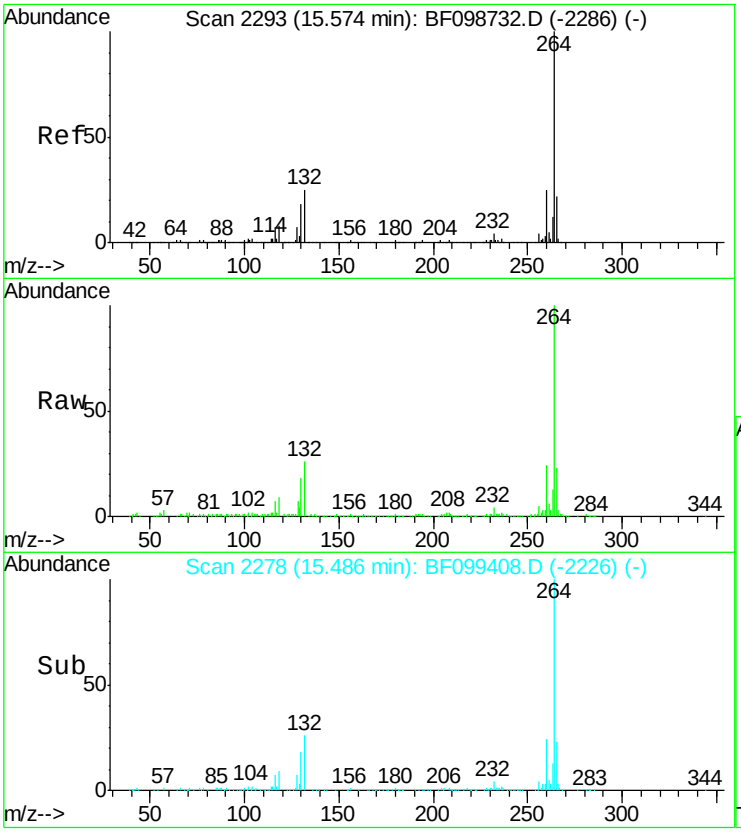


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.38 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:276 Resp: 73715

Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	26.3	20.1	30.1



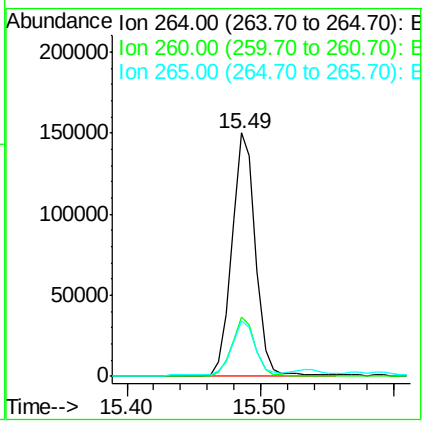


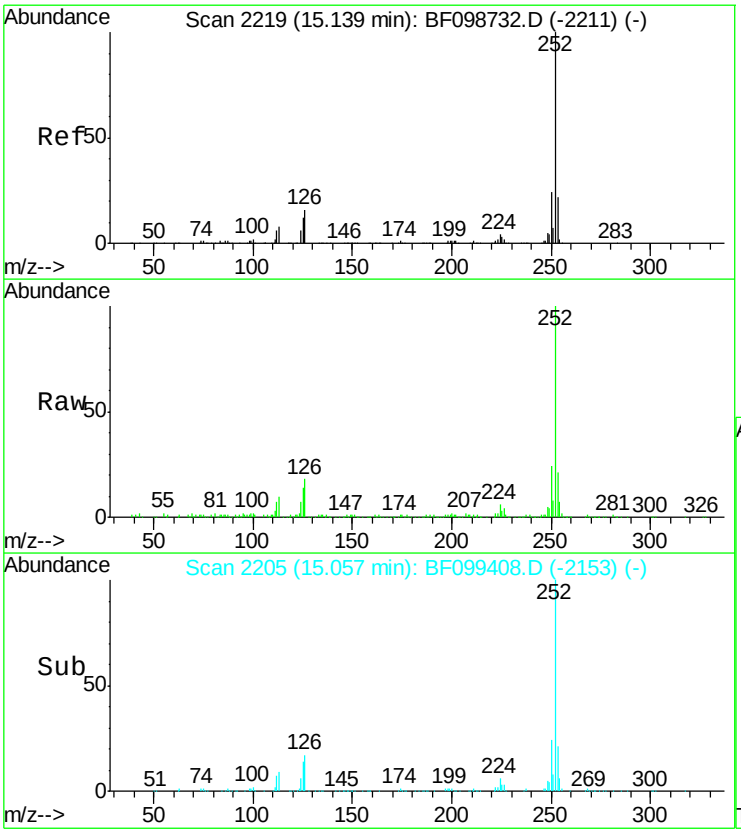
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 186030

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.6	17.5	26.3

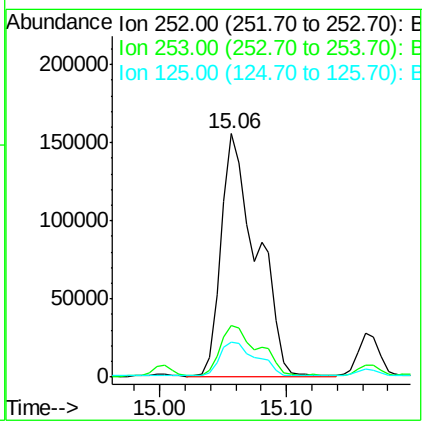


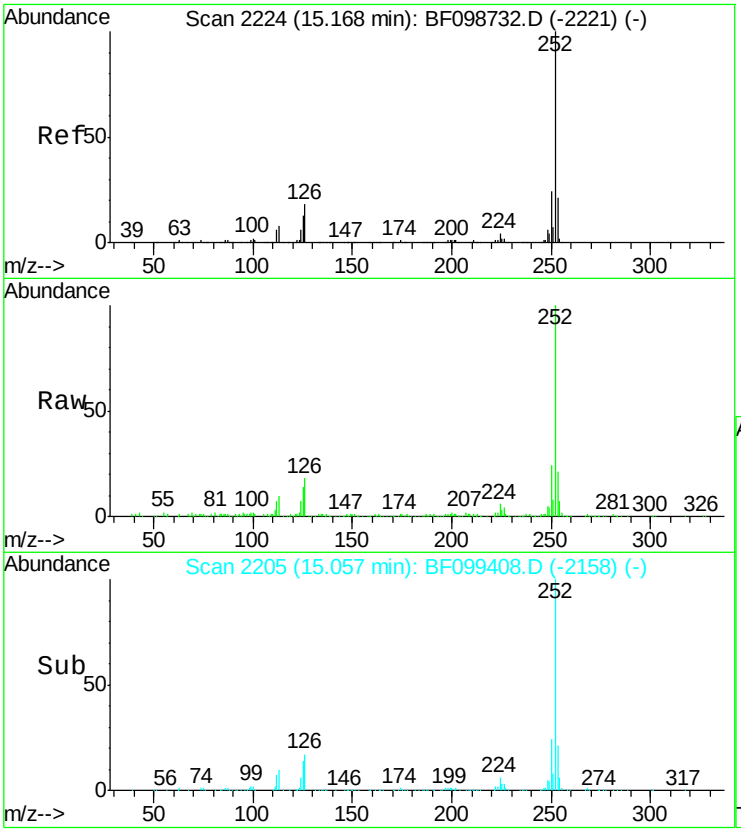


#87
Benzo(b)fluoranthene
Concen: 26.49 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:252 Resp: 302990

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	14.4	9.0	13.6#



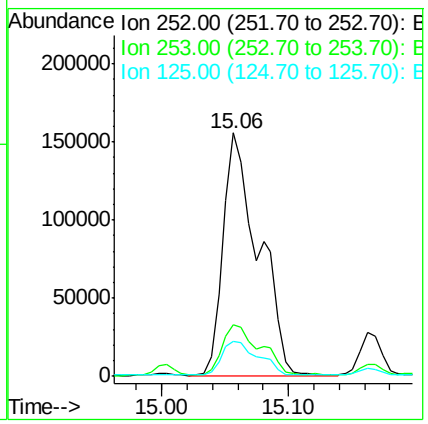


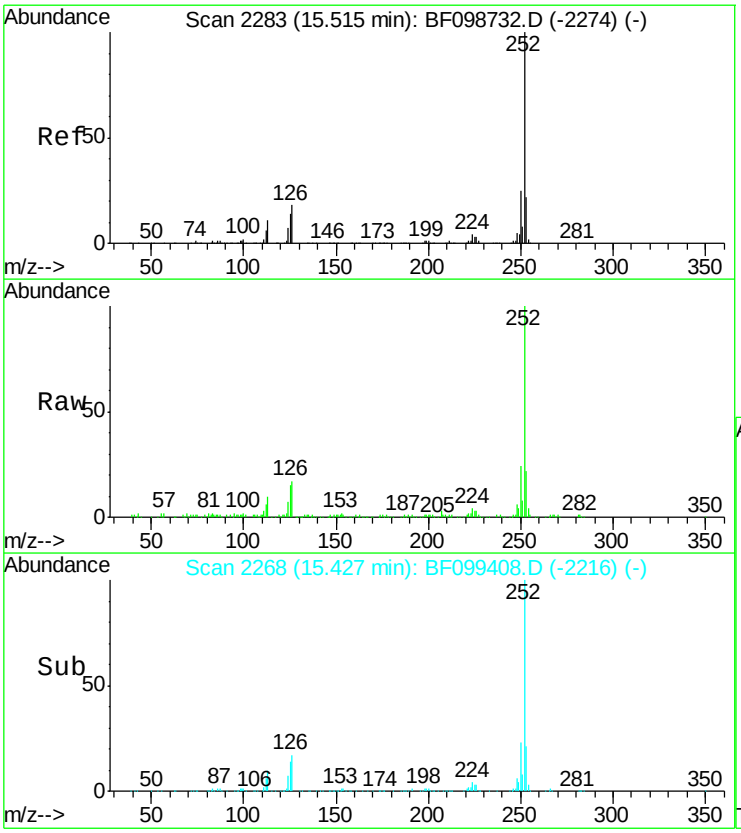
#88
Benzo(k)fluoranthene
Concen: 26.82 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 302990

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	14.4	10.2	15.2

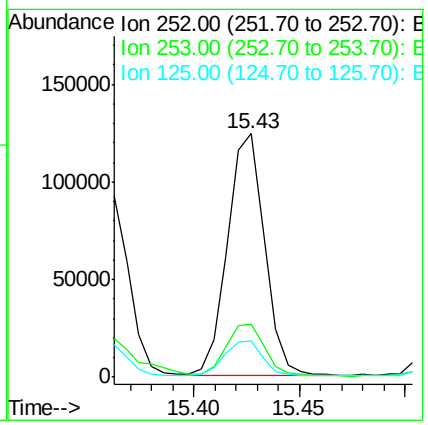


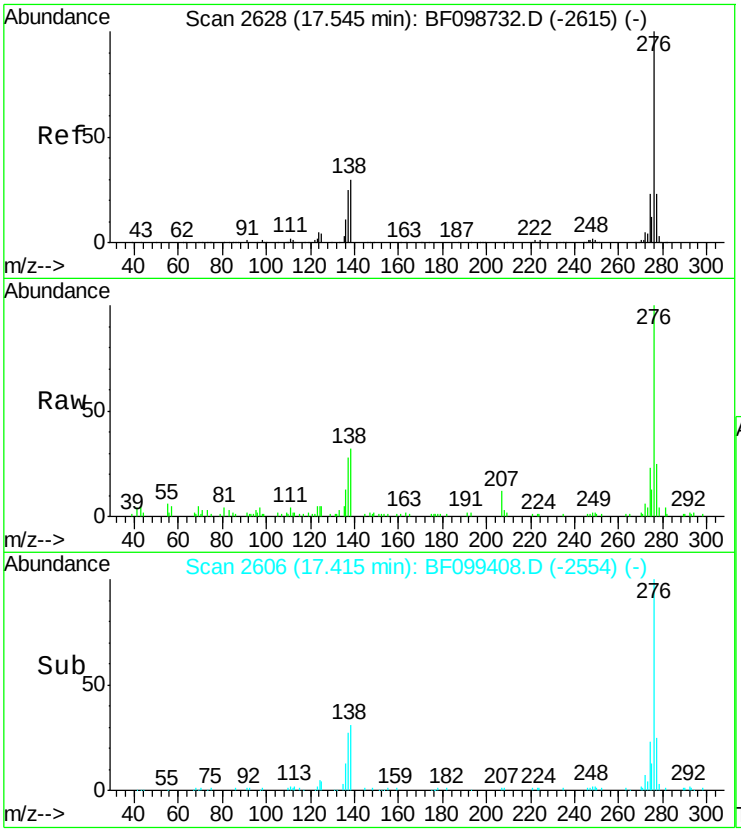


#89
Benzo(a)pyrene
Concen: 14.37 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Tgt Ion:252 Resp: 150866

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 8.45 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.01 min
Lab File: BF099408.D
Acq: 12 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 70207

Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	32.1	21.8	32.8