Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099302.D
Acq On : 10 Oct 2017 15:38
Operator : SJ/JU
Sample : I5708-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 10 16:41:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107547	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	413379	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	162034	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	236387	20.00	ng		0.00
75) Chrysene-d12	14.03	240	197079	20.00	ng		0.00
86) Perylene-d12	15.50	264	161435	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	143370	21.22	ng		0.00
7) Phenol-d6	6.49	99	168638	20.23	ng		-0.01
23) Nitrobenzene-d5	7.42	82	90296	14.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	21181	15.98	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	187282	19.30	ng		-0.01
78) Terphenyl-d14	12.96	244	123771	14.28	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	11218	2.108	ng	#	75
25) Isophorone	7.42	82	90295	6.775	ng	#	64
50) 2,6-Dinitrotoluene	9.90	165	20804	7.814	ng	#	25
55) 4-Nitrophenol	10.10	139	8158	3.108	ng	#	9
56) 2,4-Dinitrotoluene	9.90	165	20804	6.021	ng	#	22
57) Fluorene	10.45	166	35575	3.279	ng		98
70) Phenanthrene	11.41	178	282478	22.325	ng		98
71) Anthracene	11.46	178	70611	5.454	ng		96
74) Fluoranthene	12.60	202	351383	27.425	ng		99
77) Pyrene	12.83	202	329420	21.920	ng		99
80) Benzo(a)anthracene	14.02	228	157258	13.178	ng		99
82) Chrysene	14.05	228	141262	12.434	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	52439	5.770	ng		98
87) Benzo(b)fluoranthene	15.07	252	203585	20.511	ng	#	93
88) Benzo(k)fluoranthene	15.07	252	203585	20.766	ng	#	96
89) Benzo(a)pyrene	15.44	252	109897	12.062	ng	#	95
91) Benzo(g,h,i)perylene	17.44	276	55746	7.734	ng		94

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

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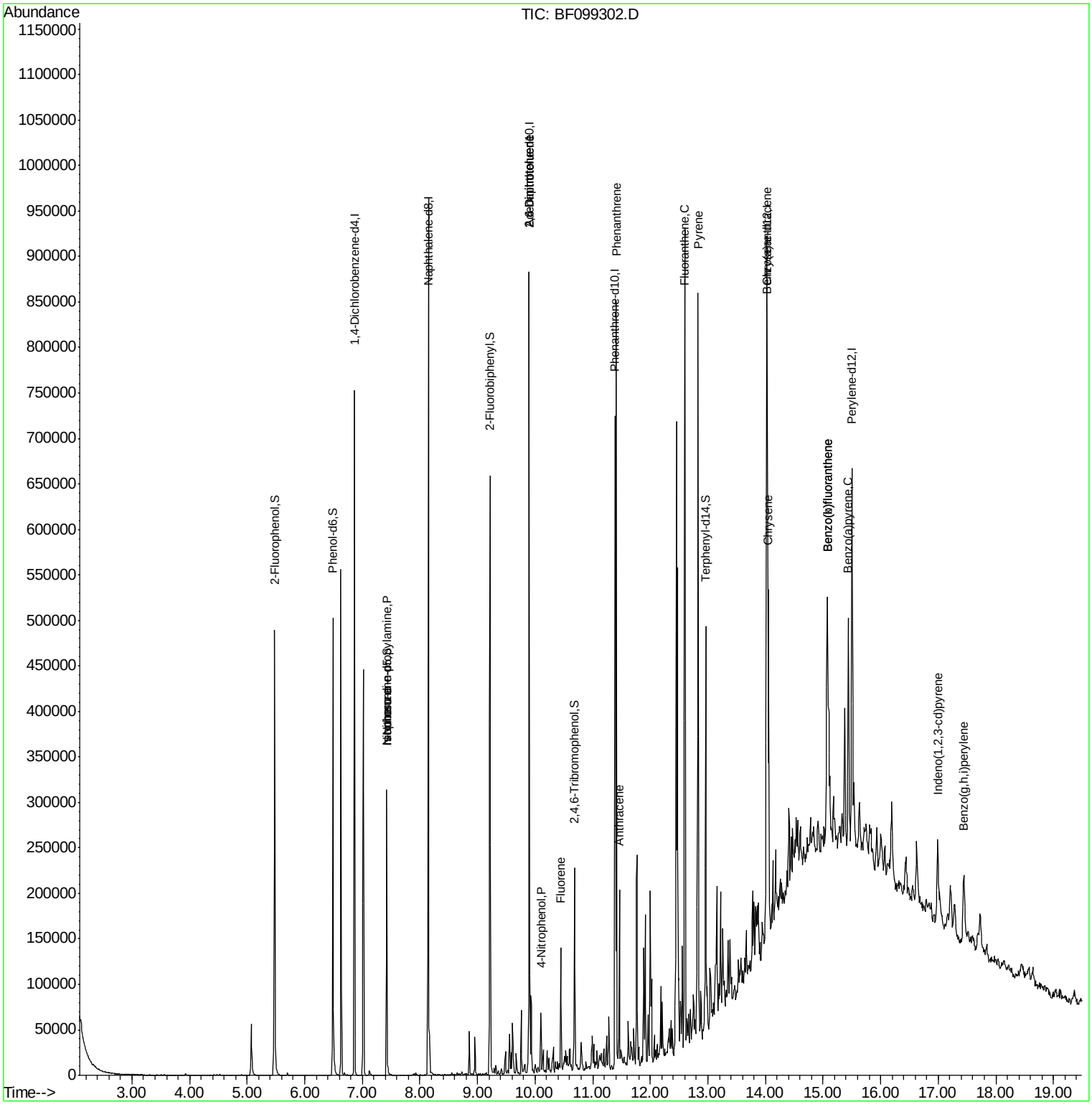
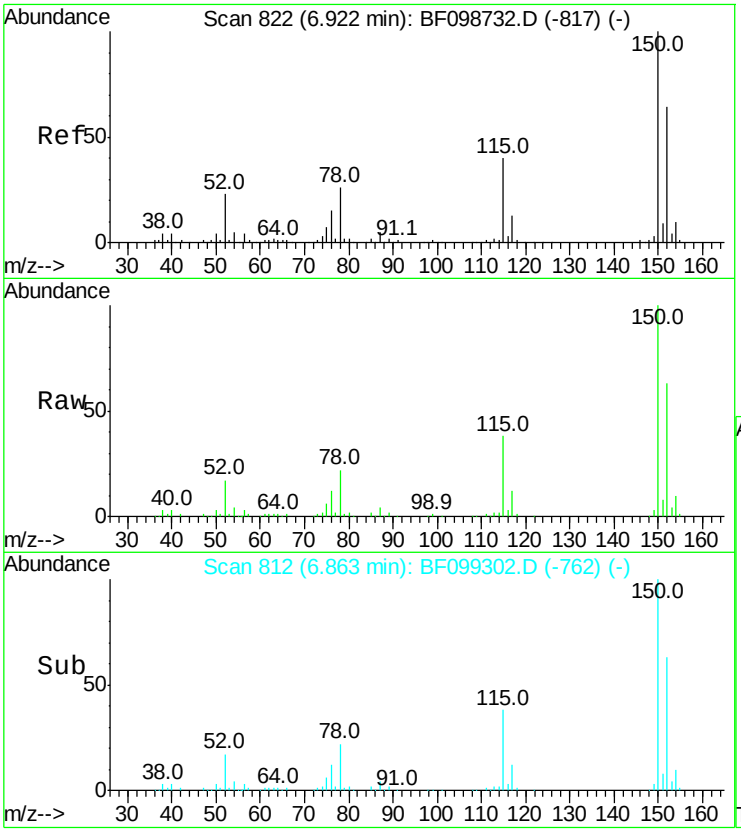


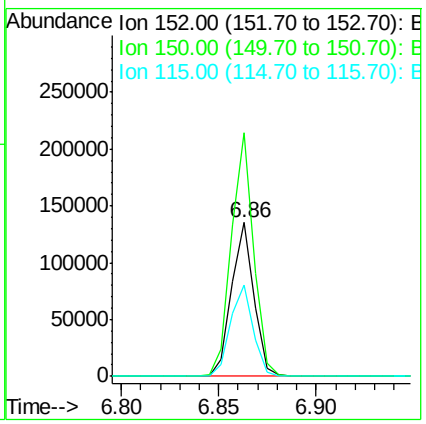


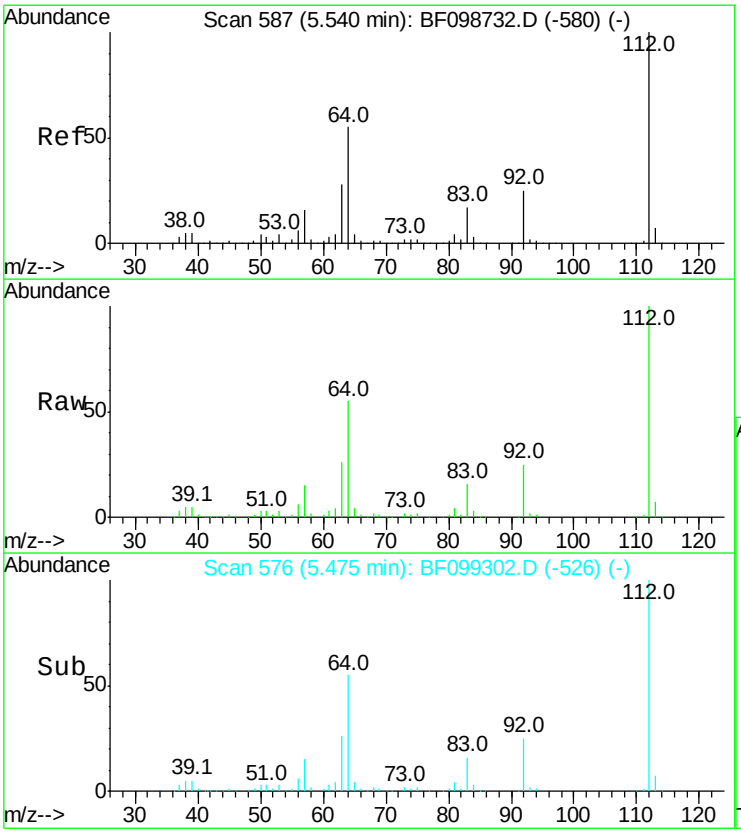
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107547

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	59.6	50.1	75.1

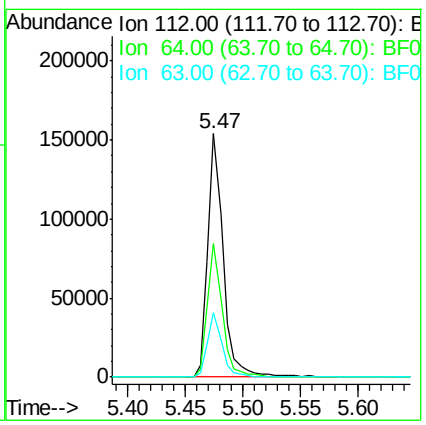


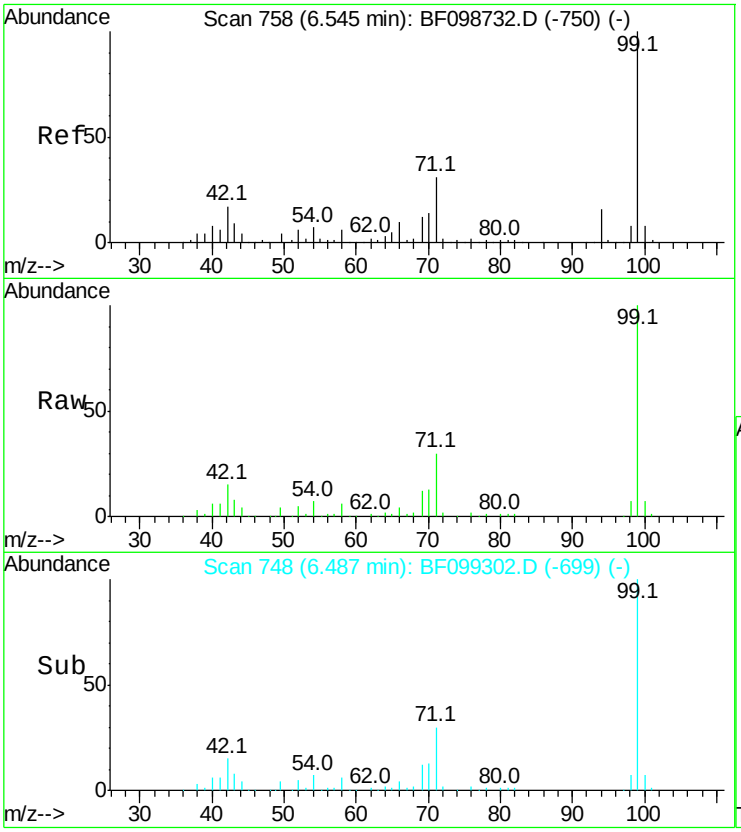


#5
2-Fluorophenol
Concen: 21.221 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:112 Resp: 143370

Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	26.5	23.7	35.5



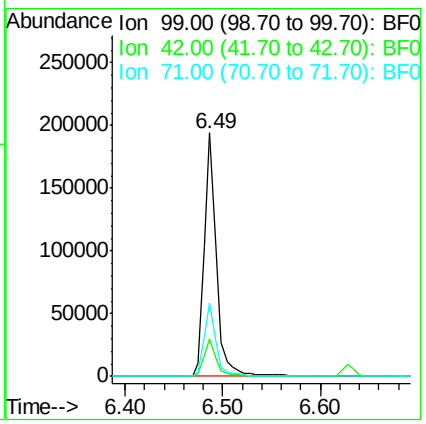


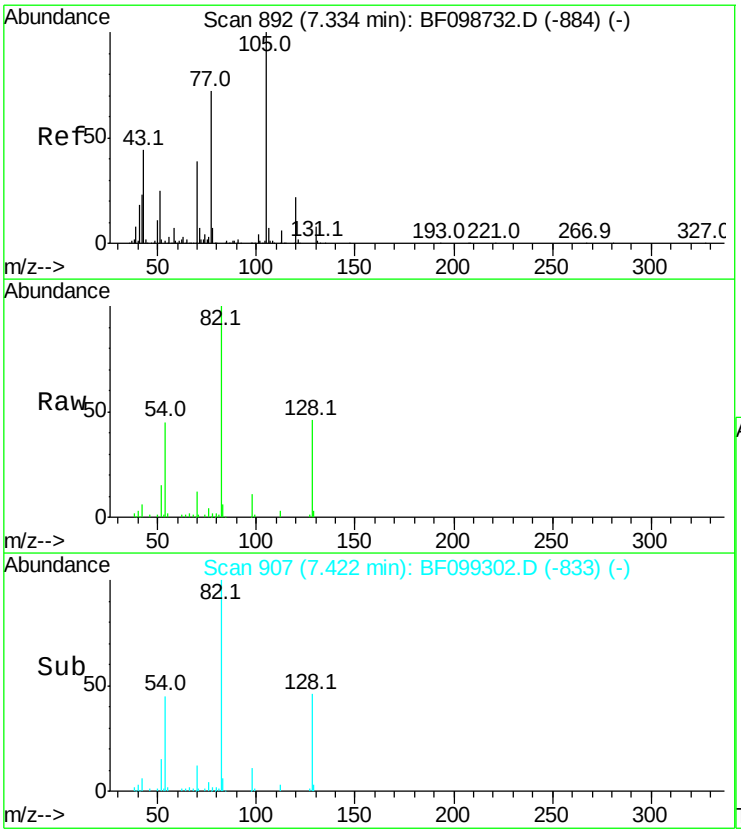
#7
Phenol-d6
Concen: 20.235 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 168638

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	30.0	25.4	38.0

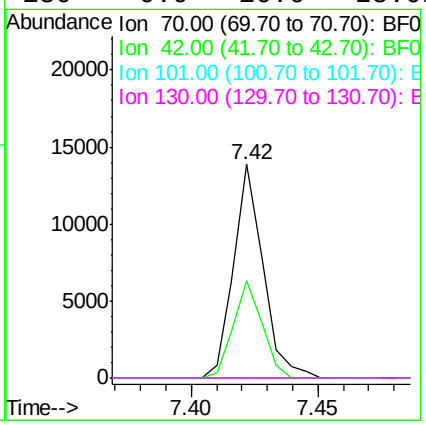


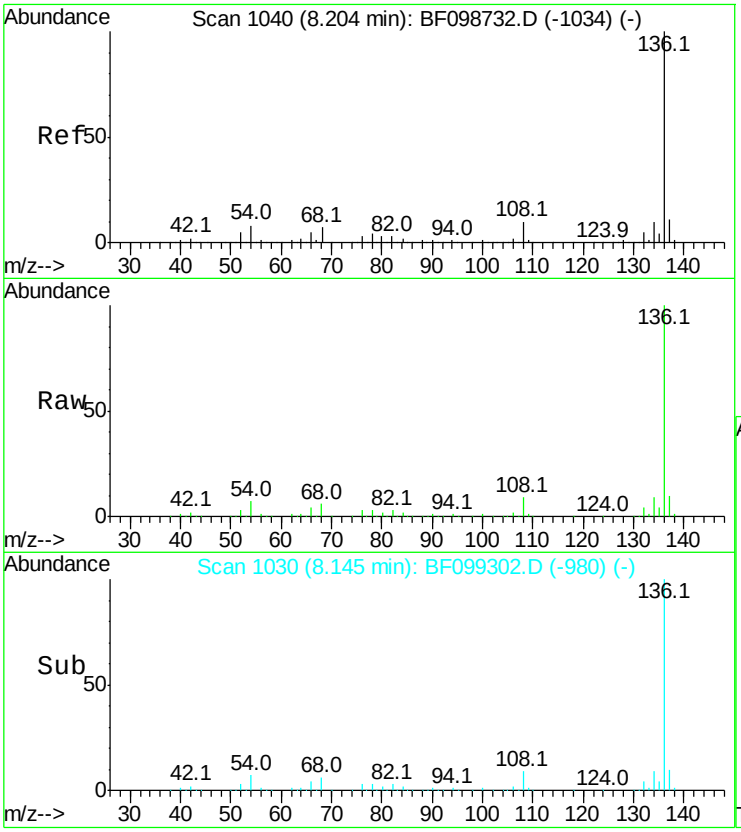


#19
n-Nitroso-di-n-propylamine
Concen: 2.108 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion: 70 Resp: 11218

Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



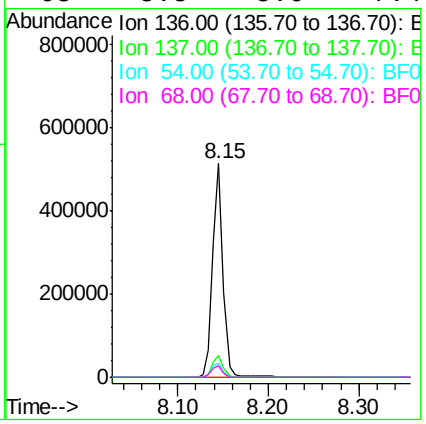


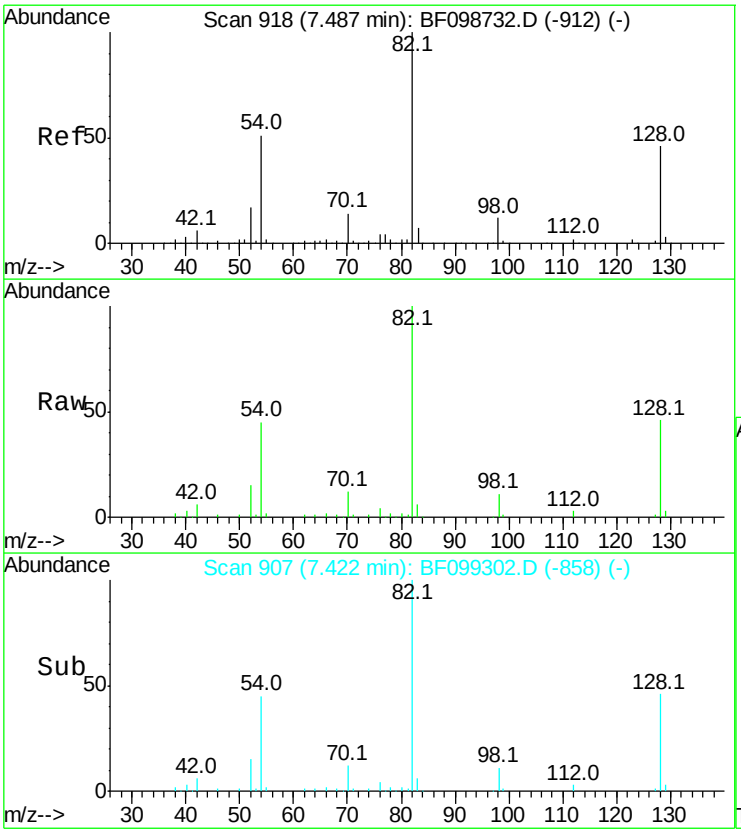
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 413379

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.8	6.6	9.8
68	5.5	5.0	7.4

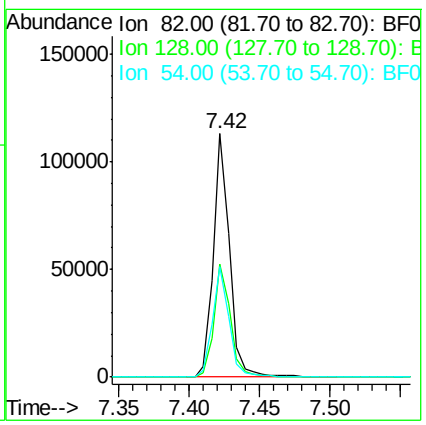


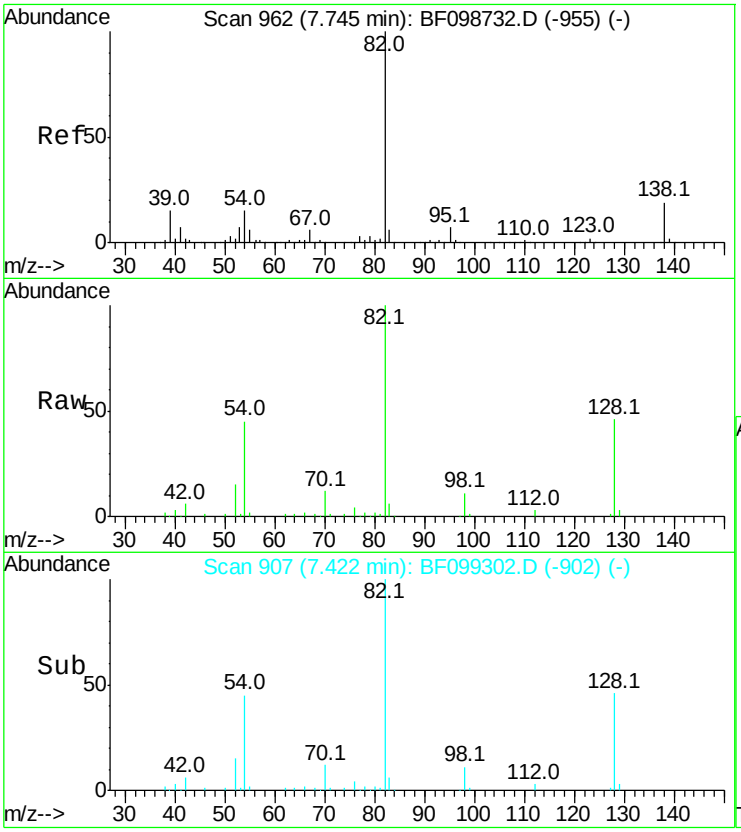


#23
Nitrobenzene-d5
Concen: 14.008 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion: 82 Resp: 90296

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	45.2	41.4	62.2



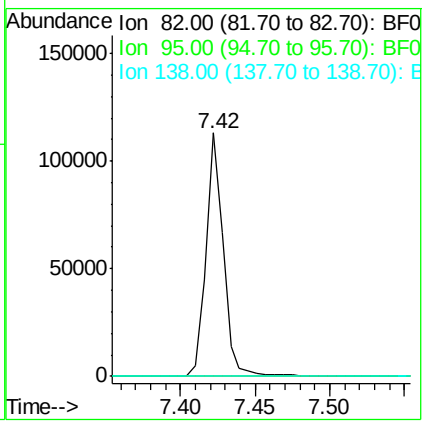


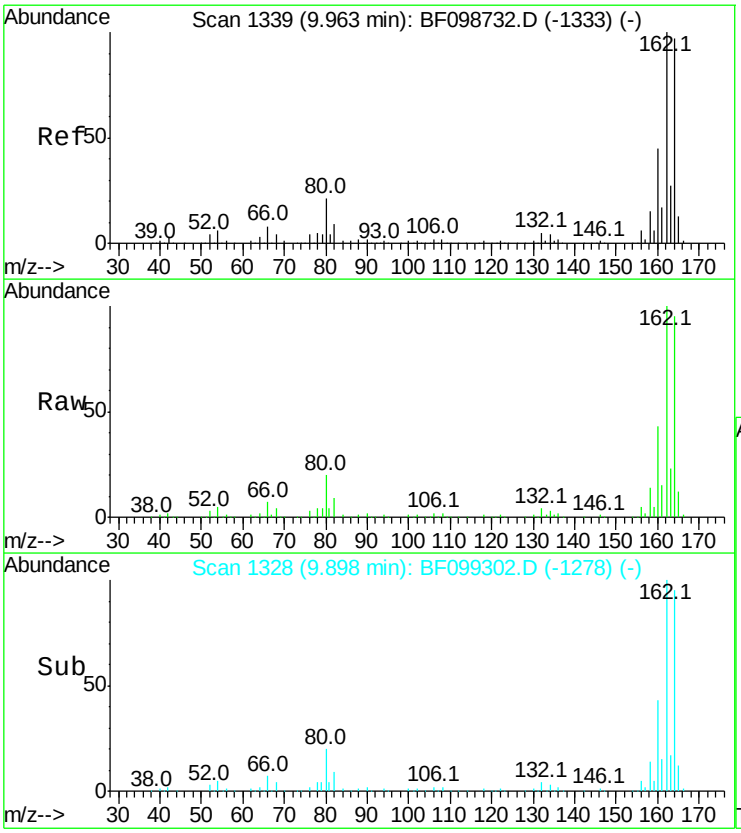
#25
Isophorone
Concen: 6.775 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.27 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 90295

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

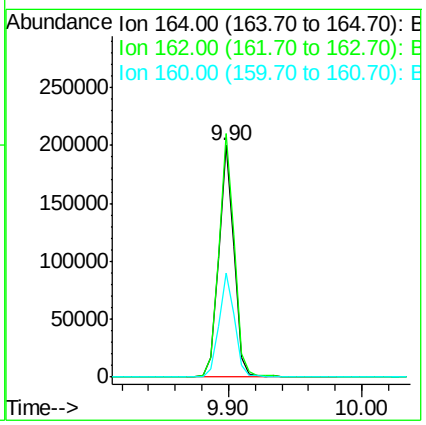


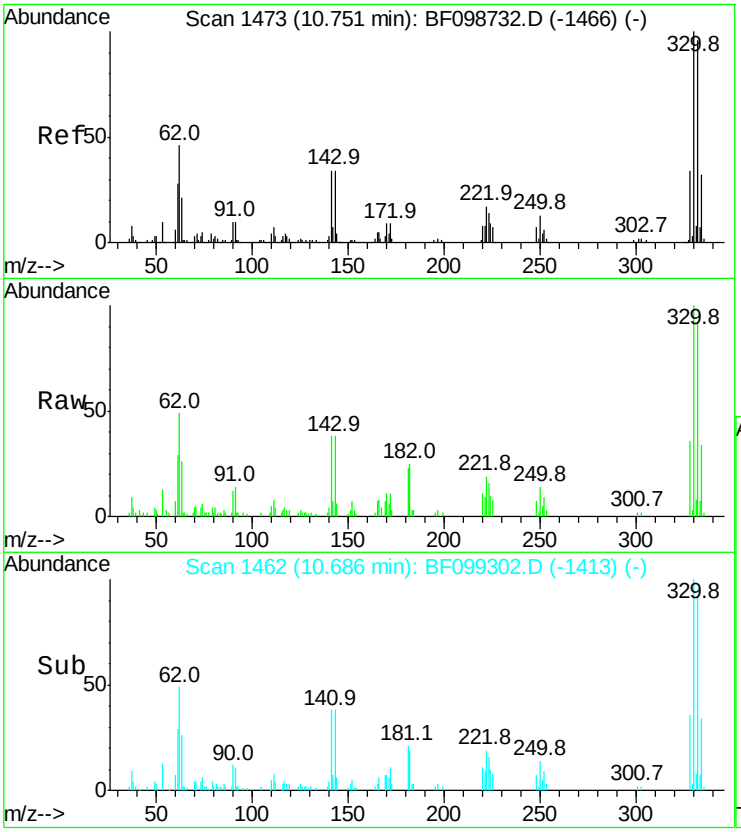


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:164 Resp: 162034

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	45.1	38.3	57.5



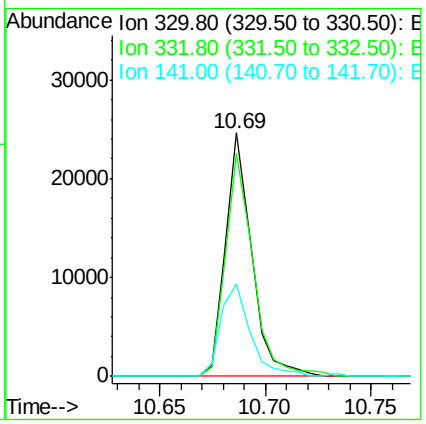


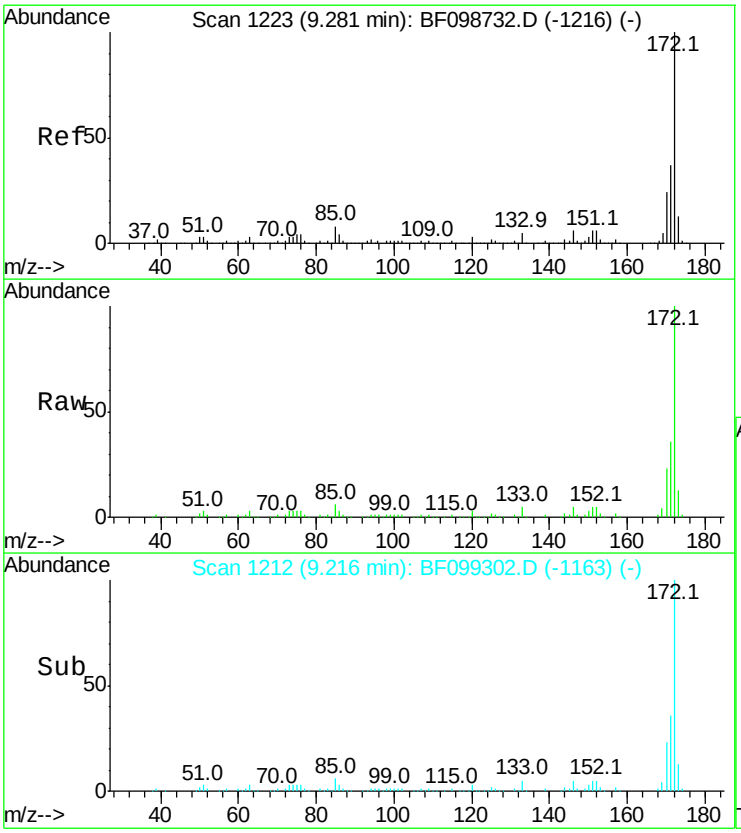
#41
2,4,6-Tribromophenol
Concen: 15.975 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 21181

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	43.1	29.9	44.9

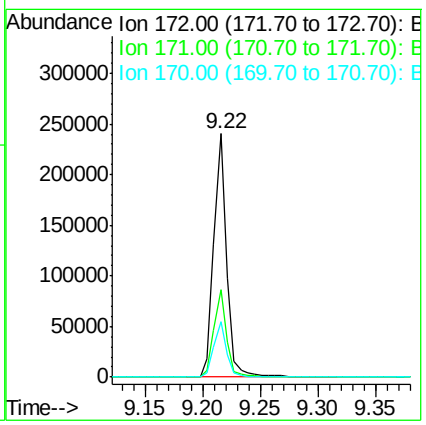


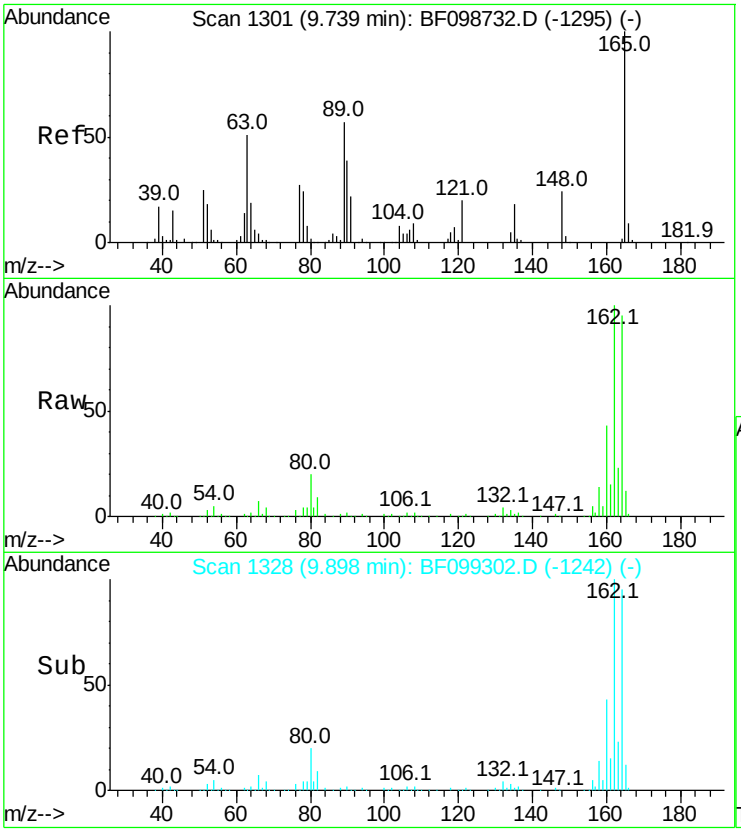


#44
2-Fluorobiphenyl
Concen: 19.295 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:172 Resp: 187282

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	22.5	19.6	29.4



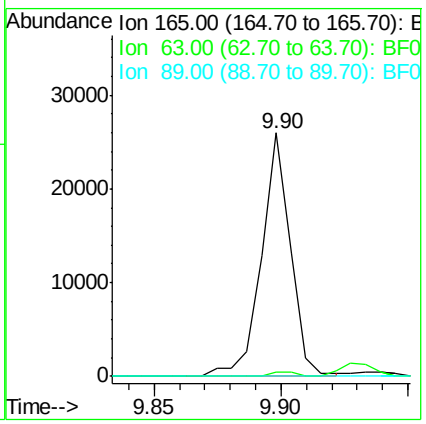


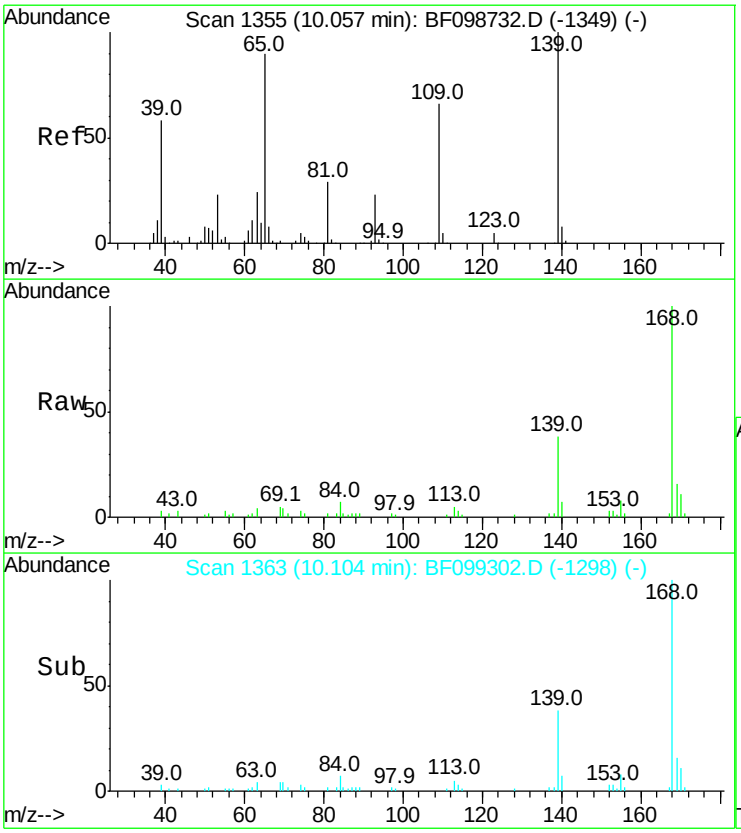
#50
2,6-Dinitrotoluene
Concen: 7.814 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20804

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.0	44.0	66.0#

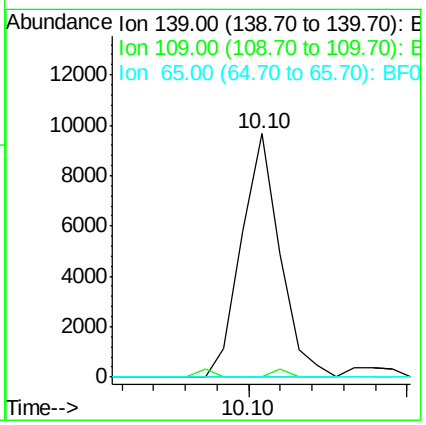


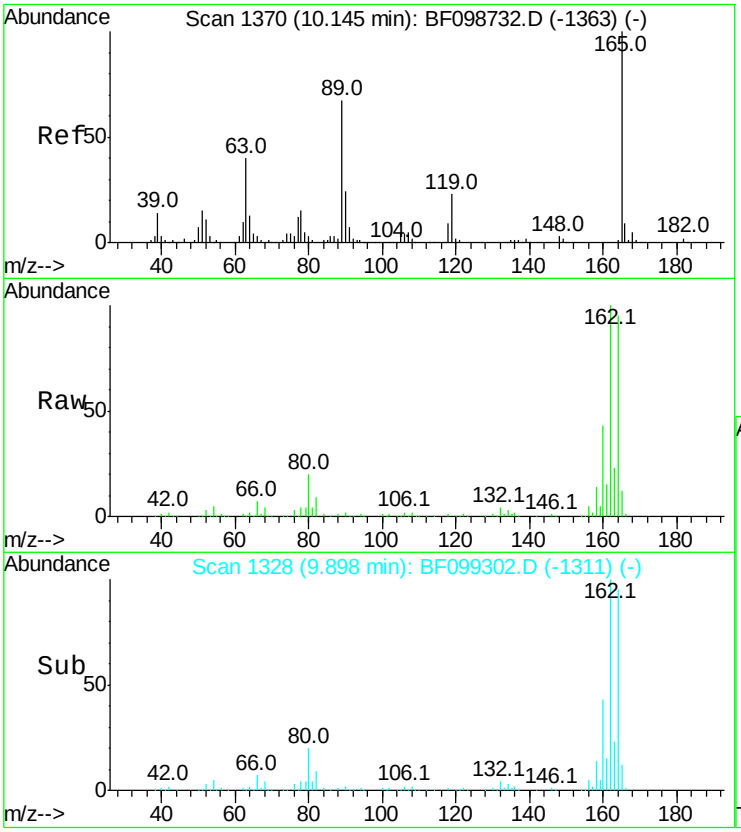


#55
4-Nitrophenol
Concen: 3.108 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:139 Resp: 8158

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



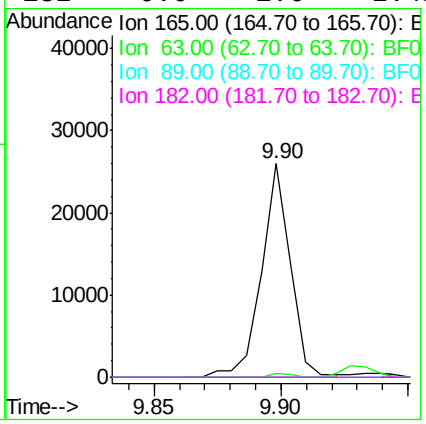


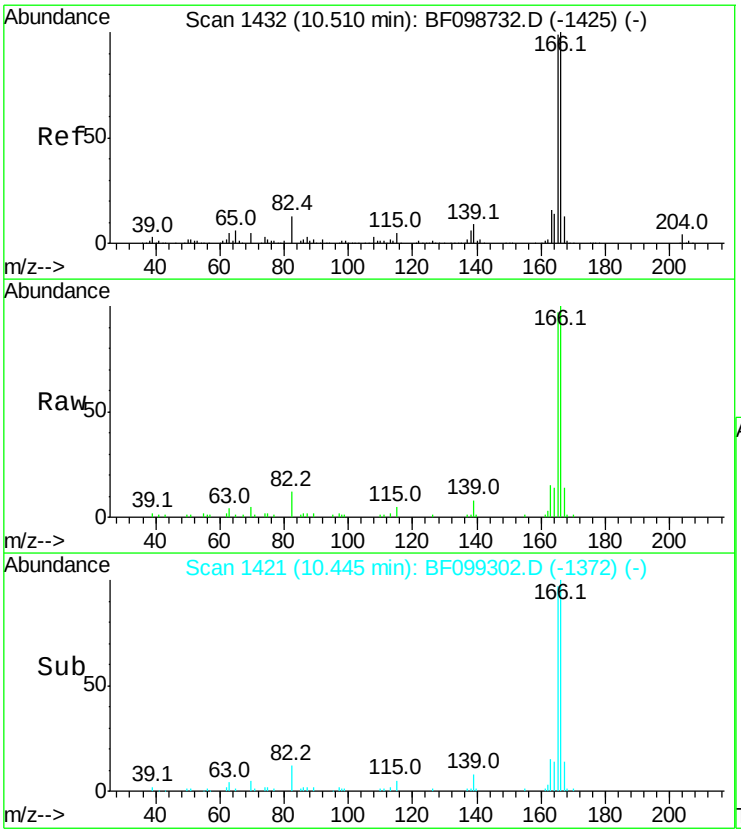
#56
2,4-Dinitrotoluene
Concen: 6.021 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20804

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

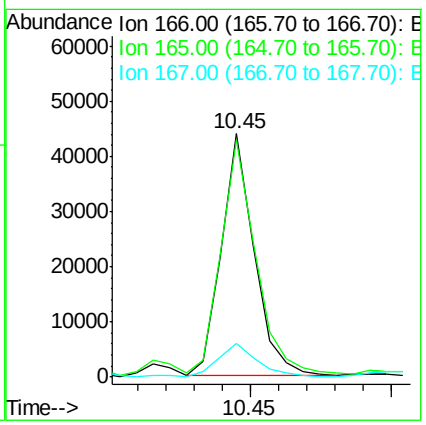


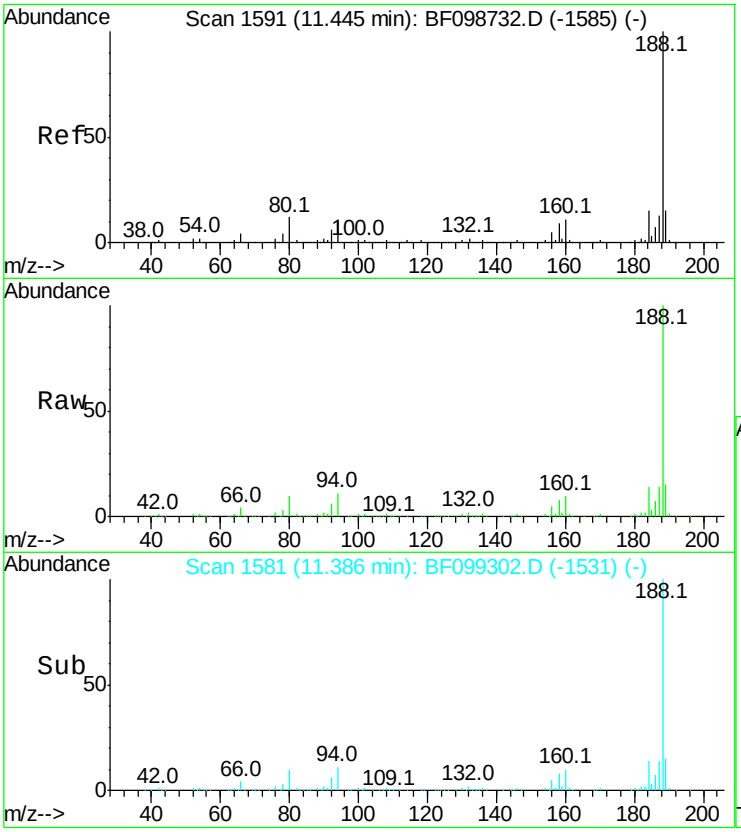


#57
Fluorene
Concen: 3.279 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:166 Resp: 35575

Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.8	119.8
167	13.6	10.6	16.0



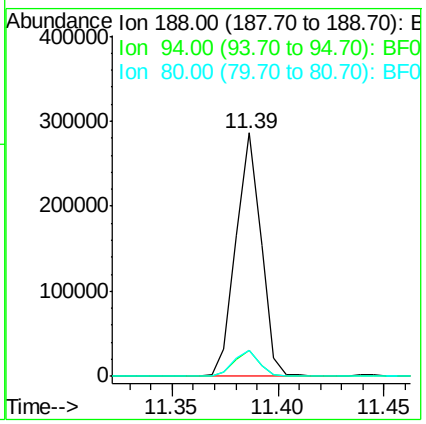


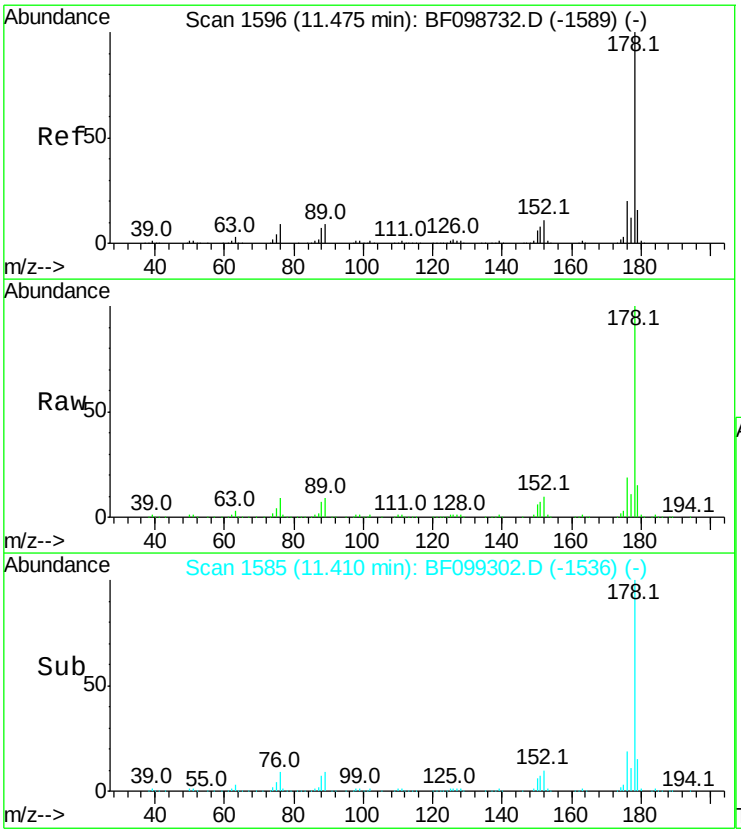
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 236387

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

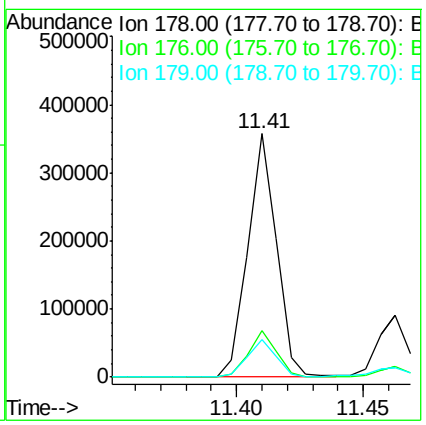


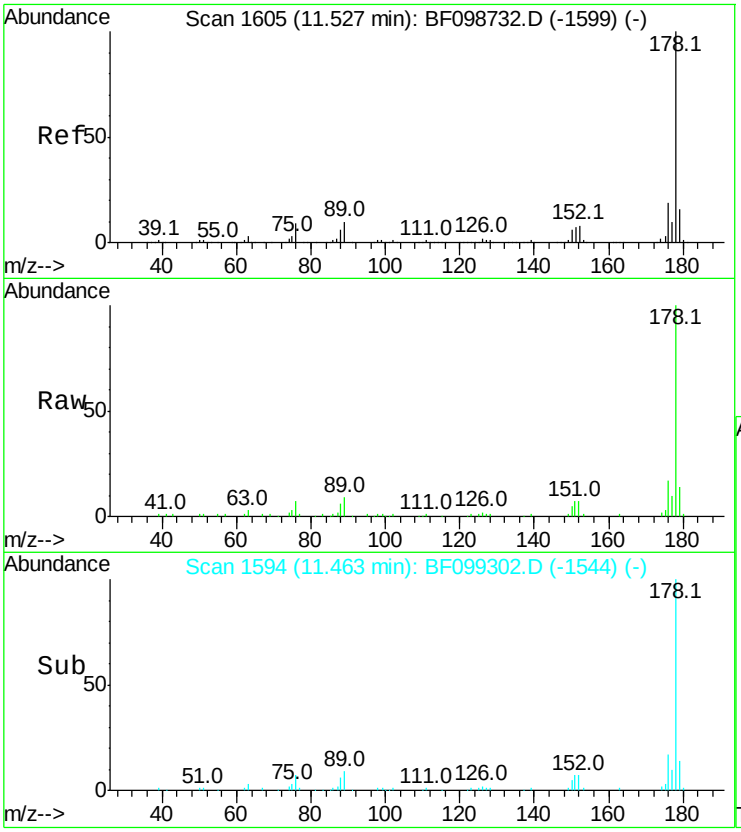


#70
Phenanthrene
Concen: 22.325 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:178 Resp: 282478

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



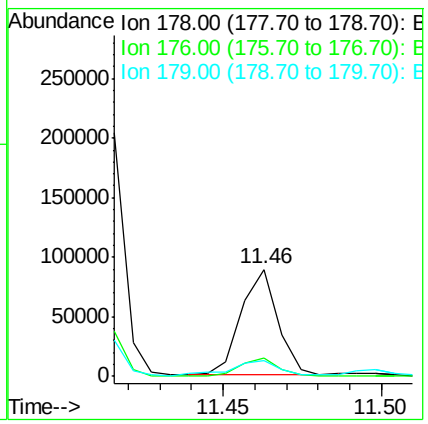


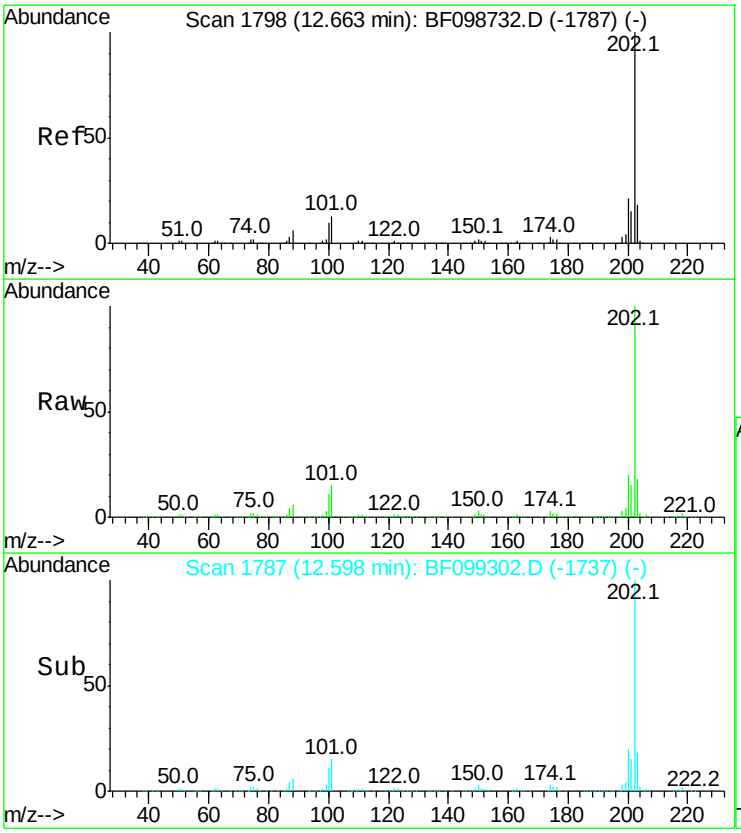
#71
Anthracene
Concen: 5.454 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 70611

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	14.4	12.6	19.0

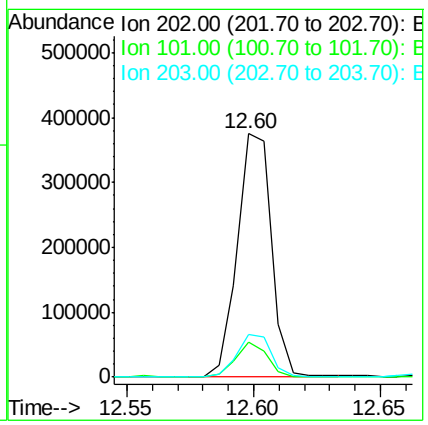


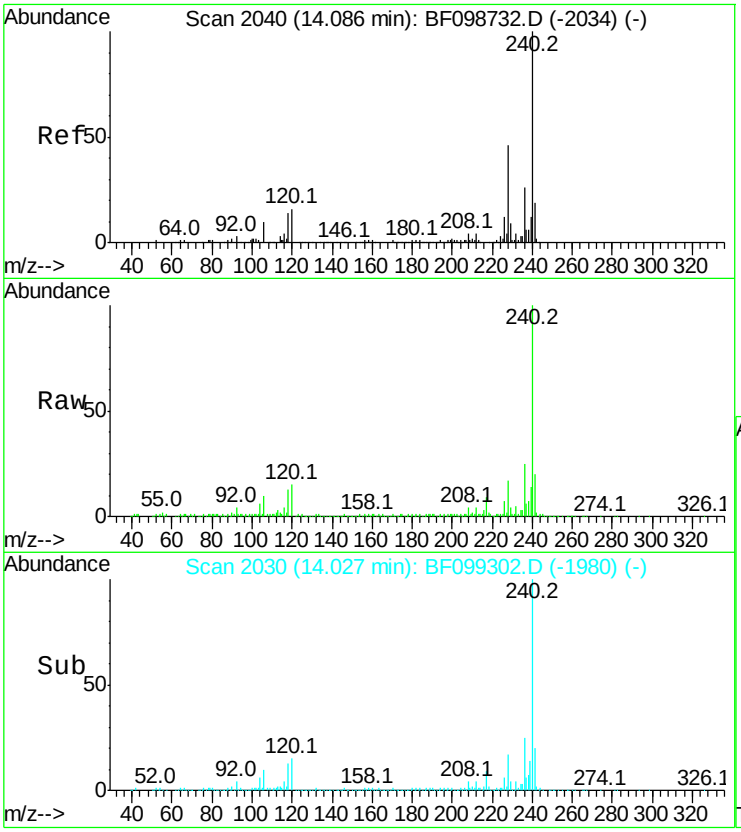


#74
Fluoranthene
Concen: 27.425 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:202 Resp: 351383

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	17.8	0.0	38.1



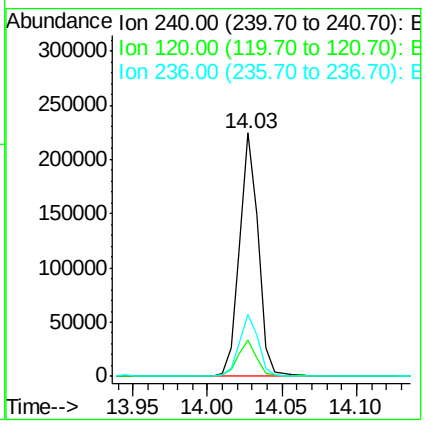


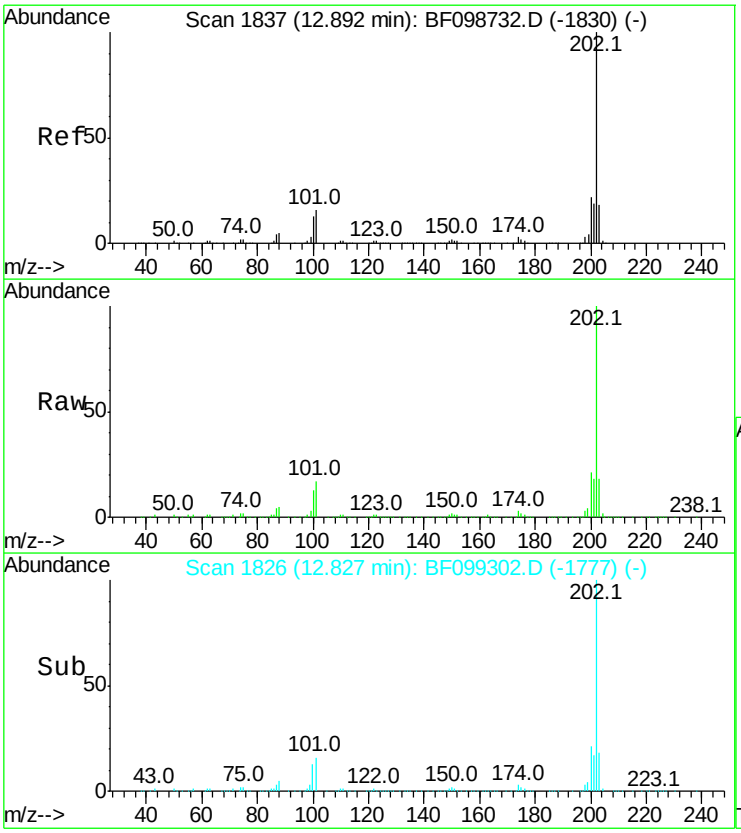
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 197079

Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	25.4	20.7	31.1

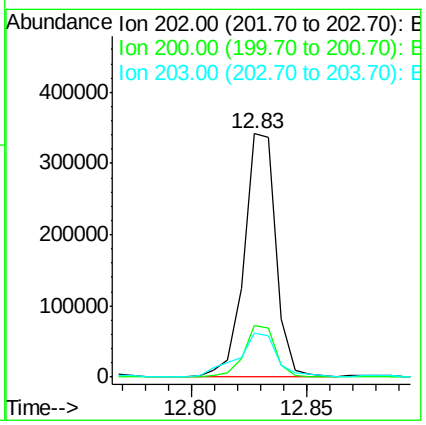


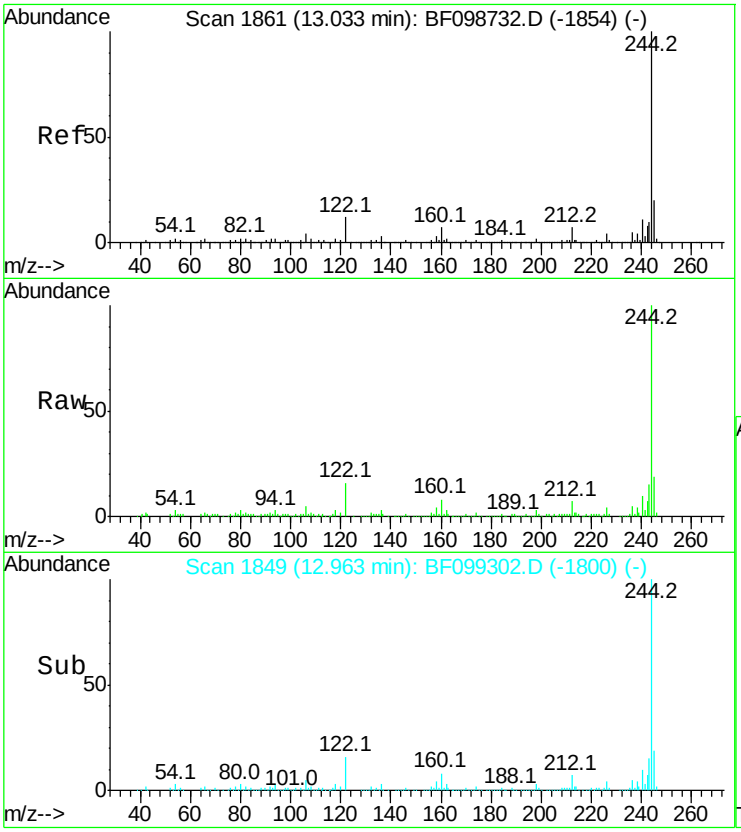


#77
Pyrene
Concen: 21.920 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:202 Resp: 329420

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.1	14.3	21.5



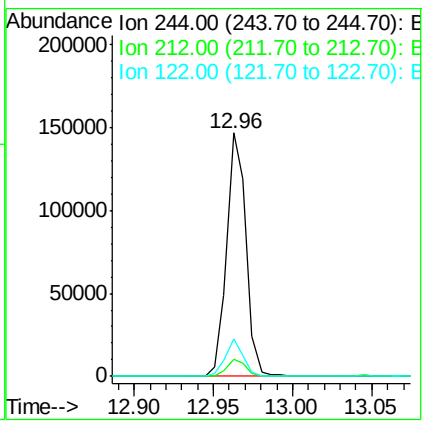


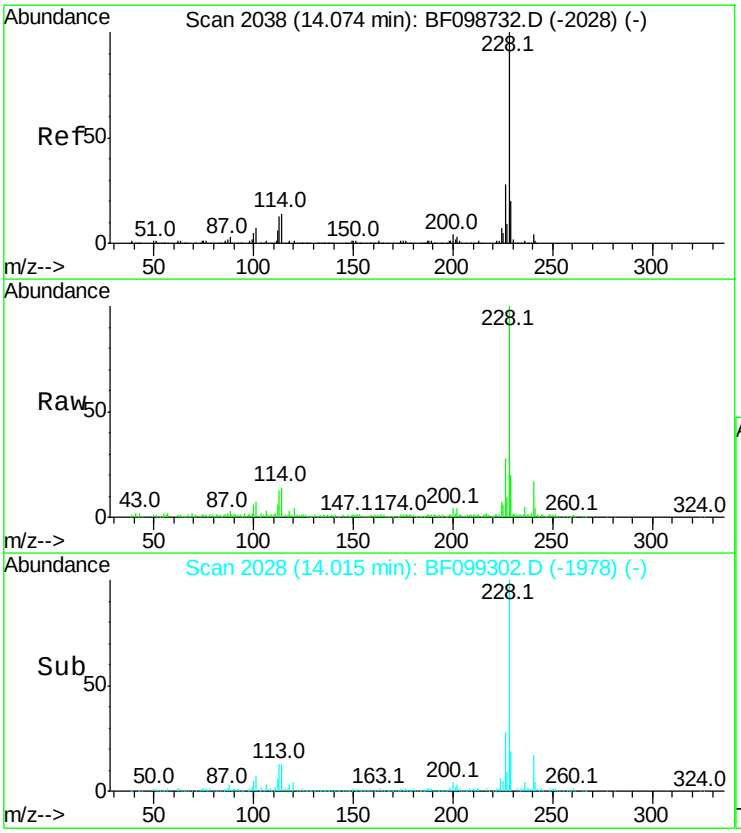
#78
Terphenyl-d14
Concen: 14.283 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 123771

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	15.5	11.0	16.4

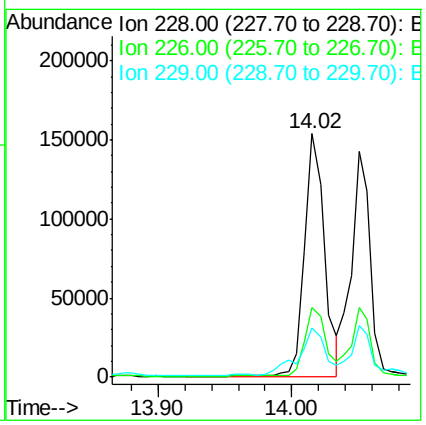


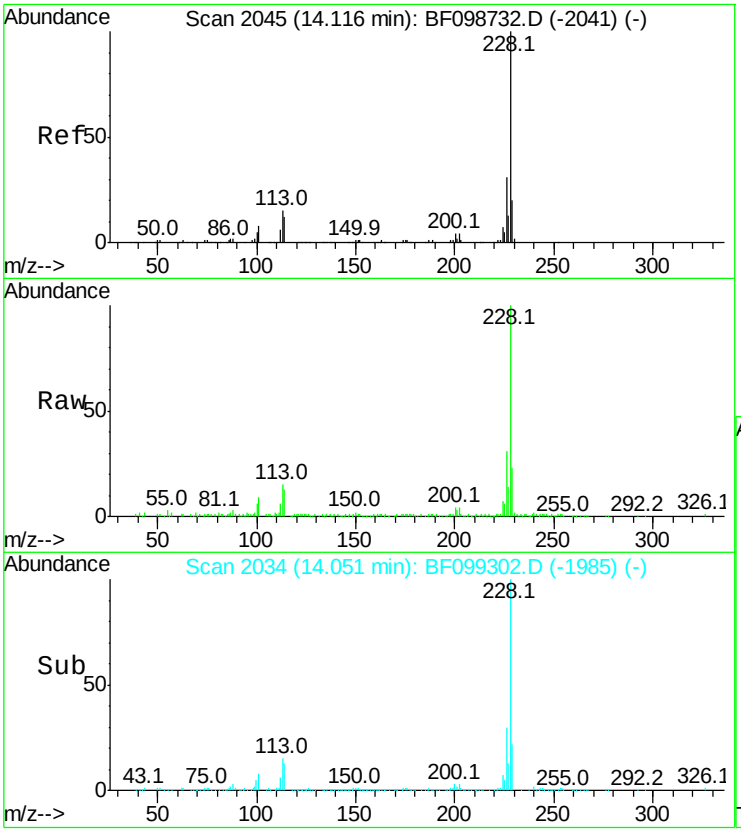


#80
Benzo(a)anthracene
Concen: 13.178 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:228 Resp: 157258

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.4	15.8	23.6



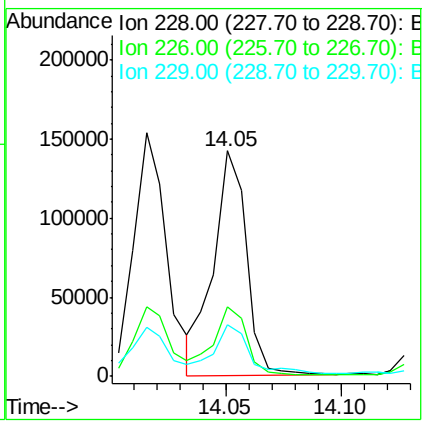


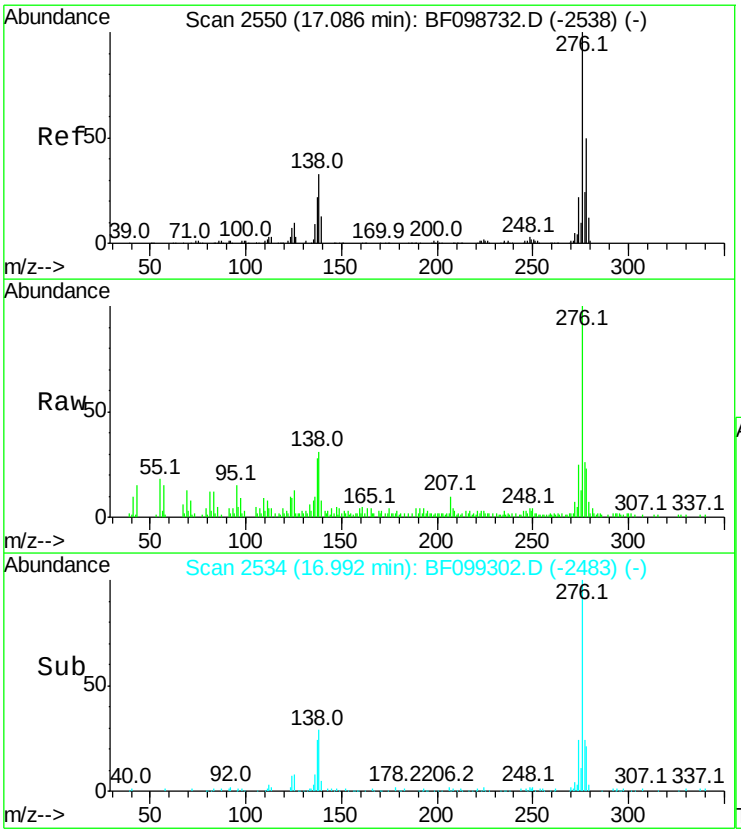
#82
Chrysene
Concen: 12.434 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 141262

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.8	16.2	24.4

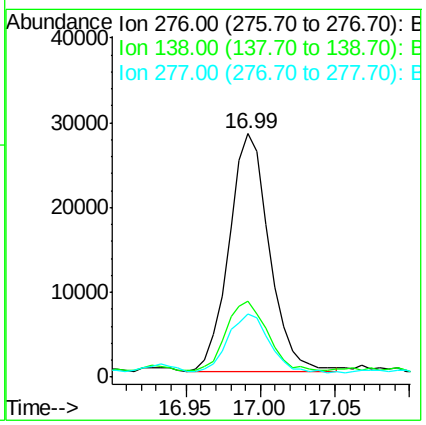


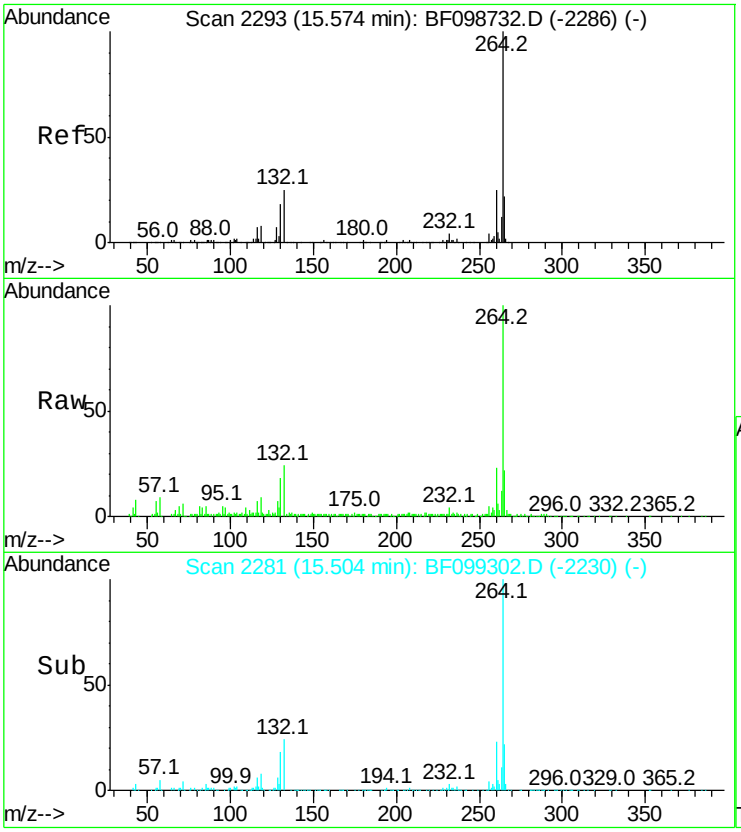


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.770 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:276 Resp: 52439

Ion	Ratio	Lower	Upper
276	100		
138	30.2	25.0	37.6
277	25.6	20.1	30.1



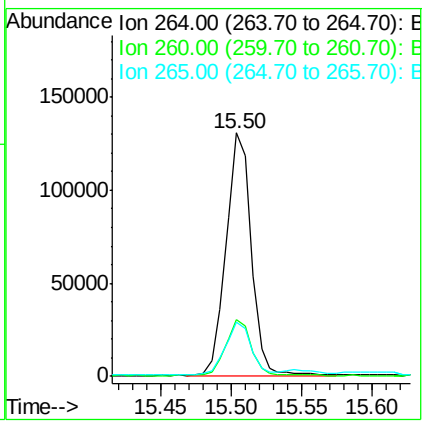


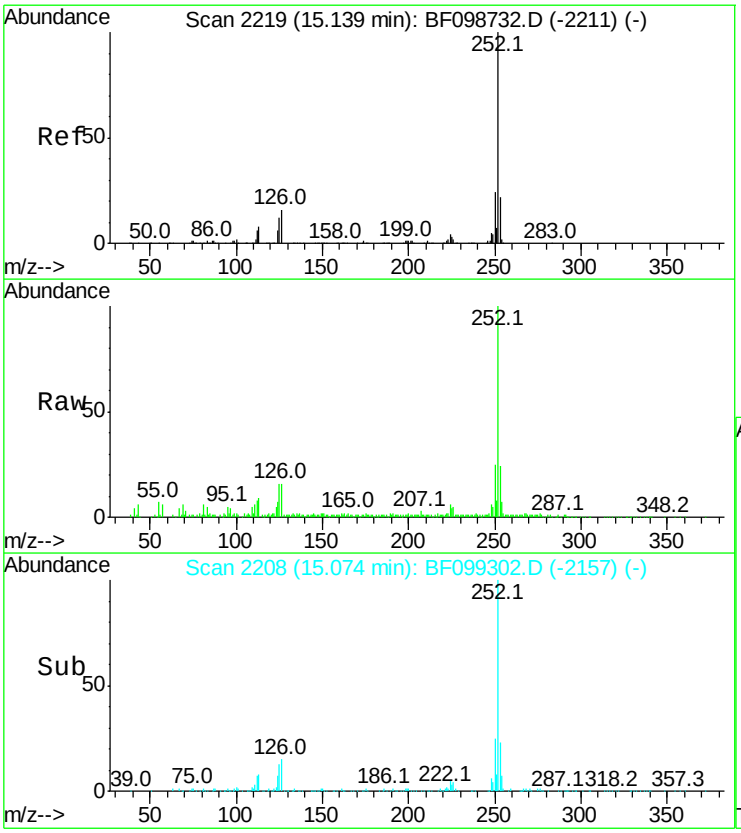
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 161435

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	17.5	26.3

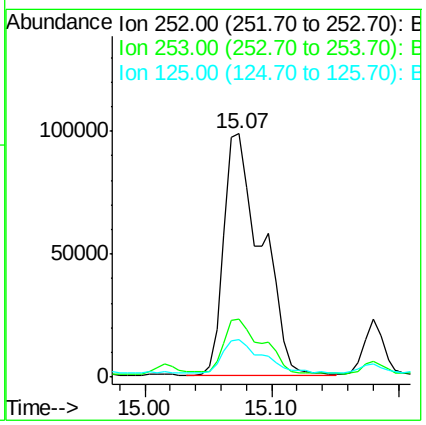


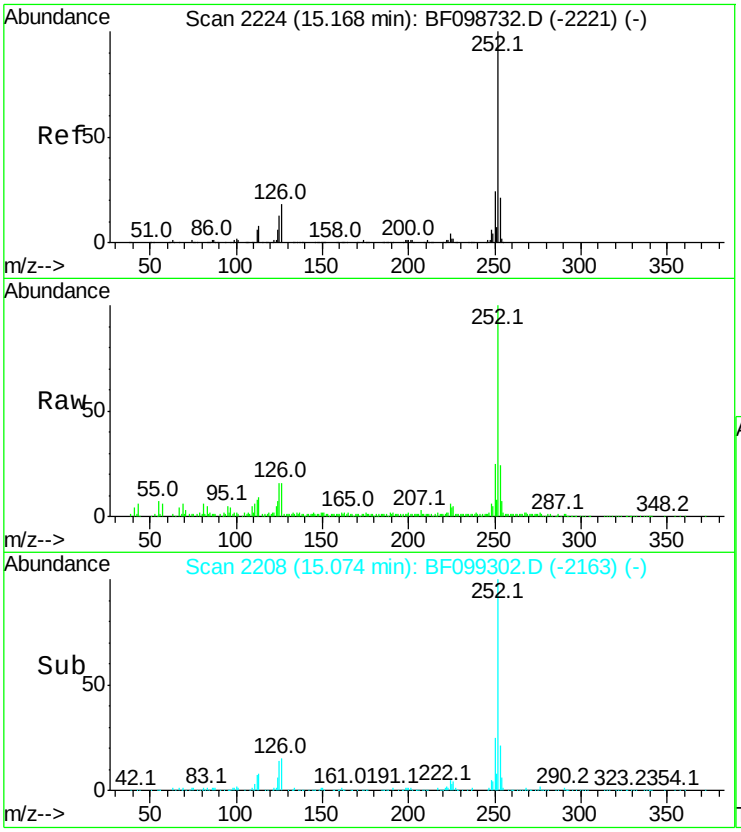


#87
Benzo(b)fluoranthene
Concen: 20.511 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:252 Resp: 203585

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	15.5	9.0	13.6#



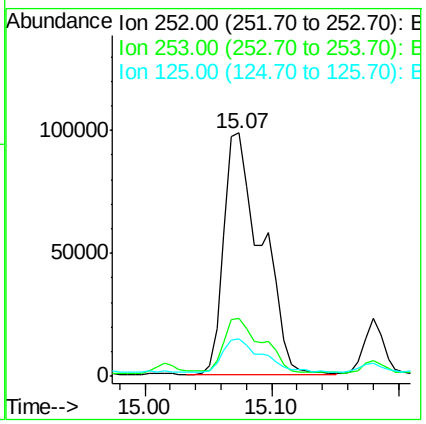


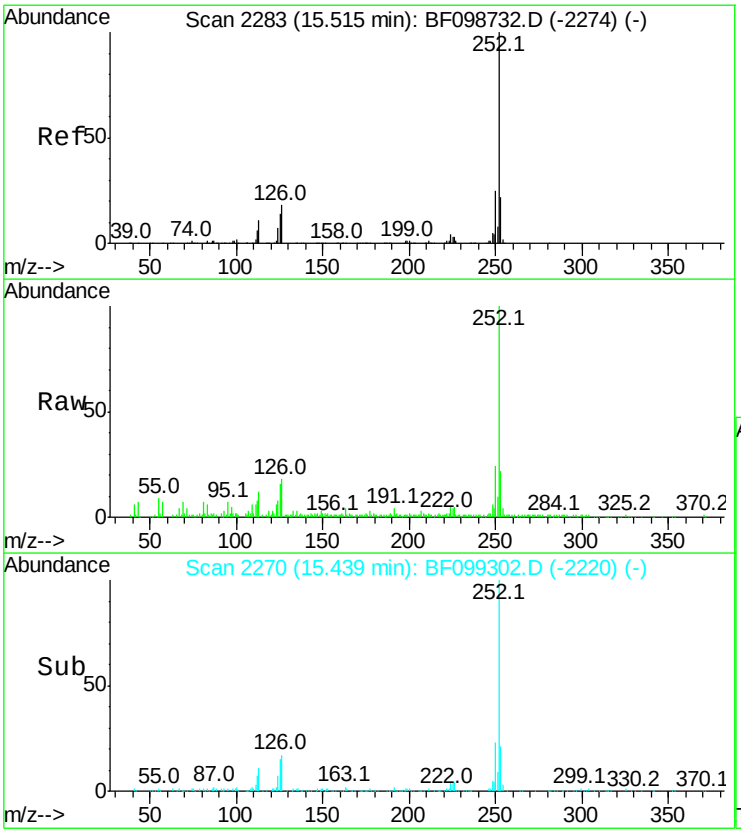
#88
Benzo(k)fluoranthene
Concen: 20.766 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 203585

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	15.5	10.2	15.2#

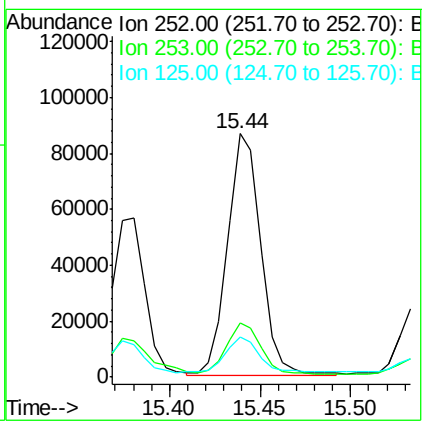


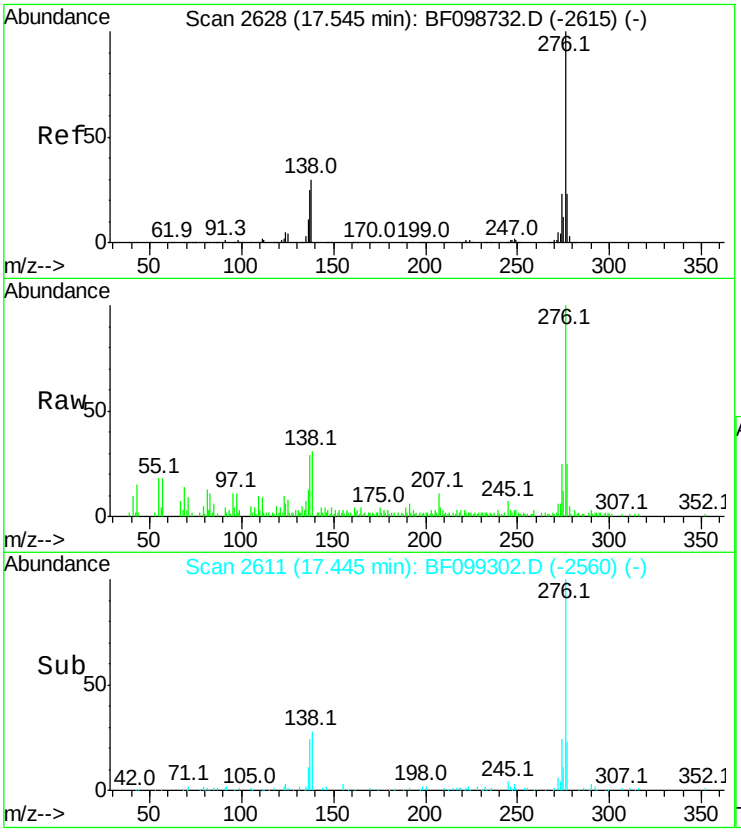


#89
Benzo(a)pyrene
Concen: 12.062 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Tgt Ion:252 Resp: 109897

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	16.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 7.734 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BF099302.D
Acq: 10 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 55746

Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	30.8	21.8	32.8