Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099414.D
Acq On : 13 Oct 2017 00:15
Operator : SJ/JU
Sample : I5729-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 13 00:57:26 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	112134	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	433133	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	168564	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	239262	20.00	ng		0.00
75) Chrysene-d12	14.02	240	211754	20.00	ng		0.00
86) Perylene-d12	15.49	264	174997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	154757	21.97	ng		0.00
7) Phenol-d6	6.48	99	187598	21.59	ng		0.00
23) Nitrobenzene-d5	7.41	82	104002	15.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	22697	16.46	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	211043	20.90	ng		0.00
78) Terphenyl-d14	12.95	244	131245	14.10	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	12942	2.33	ng	#	79
25) Isophorone	7.41	82	104016	7.45	ng	#	64
48) Acenaphthylene	9.75	152	39881	2.40	ng		99
50) 2,6-Dinitrotoluene	9.89	165	21443	7.74	ng	#	25
56) 2,4-Dinitrotoluene	9.89	165	21443	5.97	ng	#	23
70) Phenanthrene	11.40	178	65139	5.09	ng		99
74) Fluoranthene	12.59	202	321352	24.78	ng		99
77) Pyrene	12.82	202	280990	17.40	ng		99
80) Benzo(a)anthracene	14.00	228	198479	15.48	ng		99
82) Chrysene	14.04	228	151464	12.41	ng		97
85) Indeno(1,2,3-cd)pyrene	16.96	276	64592	6.61	ng		99
87) Benzo(b)fluoranthene	15.06	252	289750	26.93	ng	#	96
88) Benzo(k)fluoranthene	15.06	252	289750	27.26	ng		99
89) Benzo(a)pyrene	15.42	252	133371	13.50	ng	#	95
91) Benzo(g,h,i)perylene	17.42	276	57606	7.37	ng		95

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

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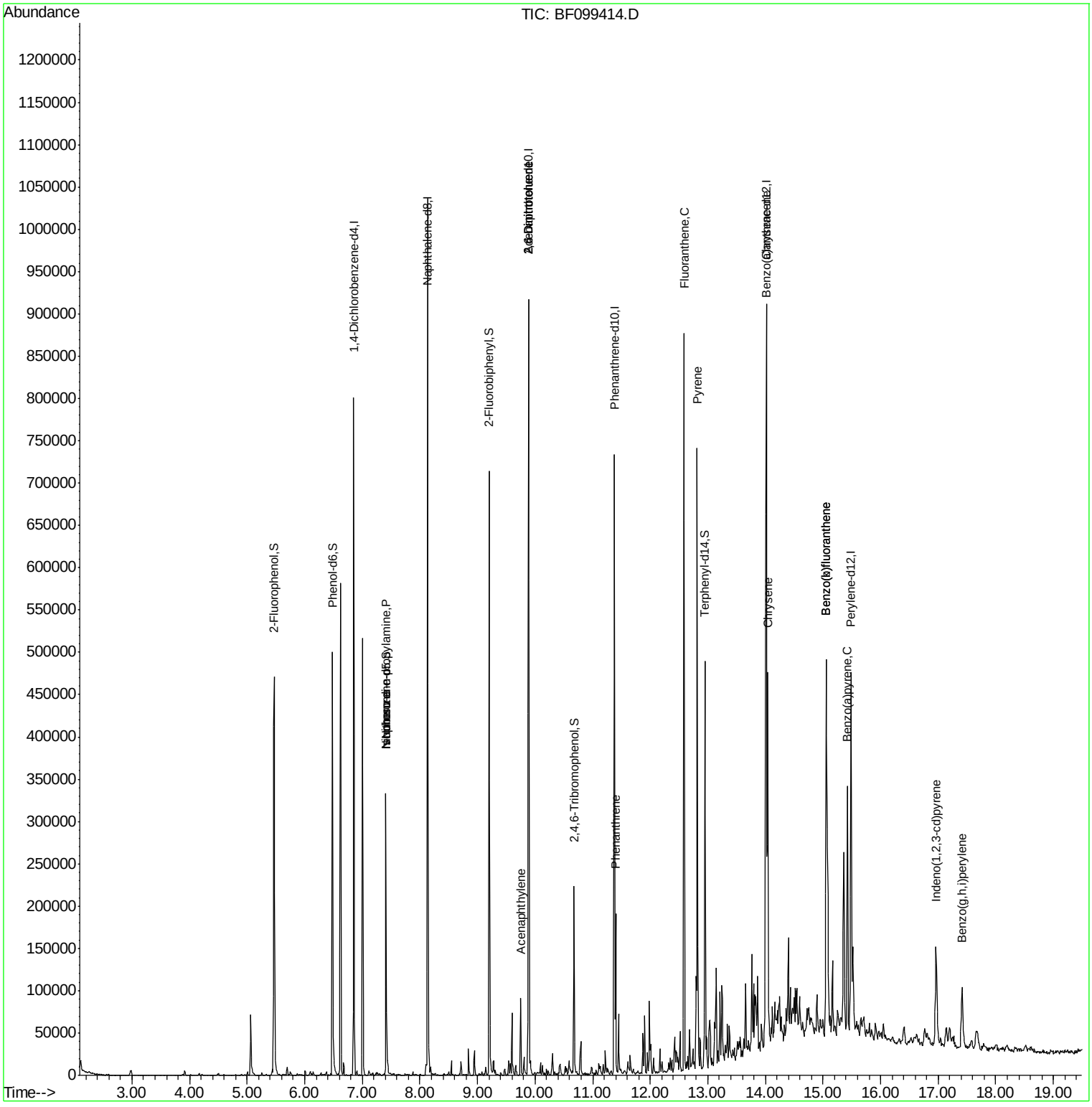
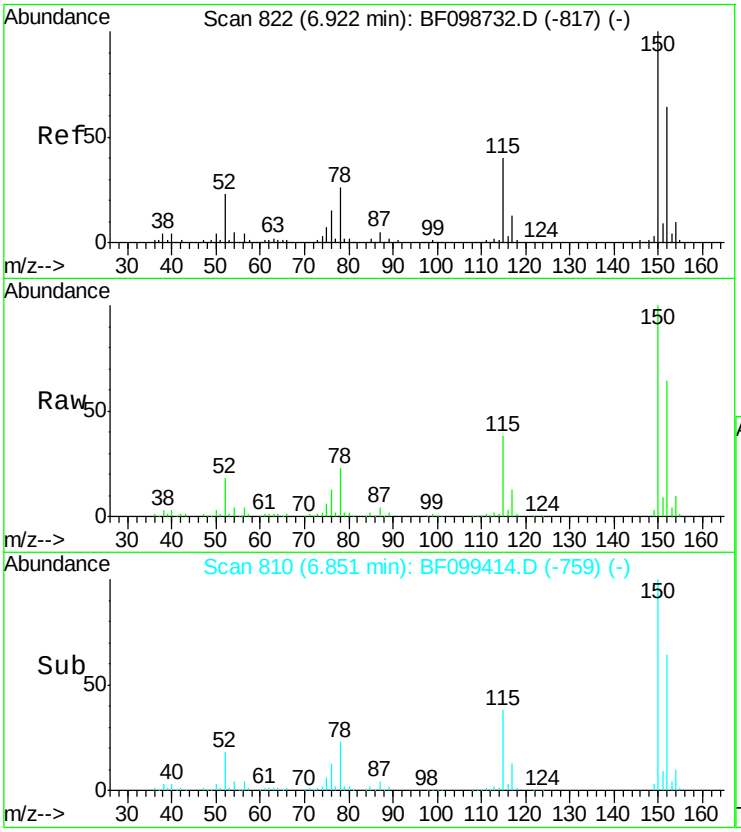


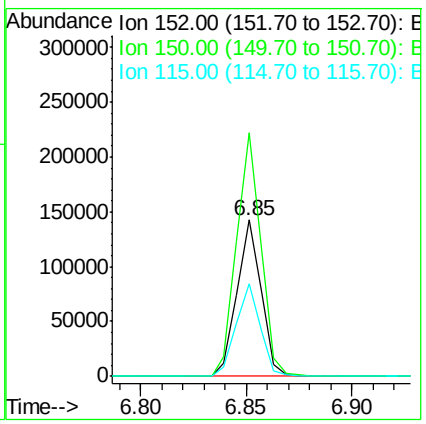


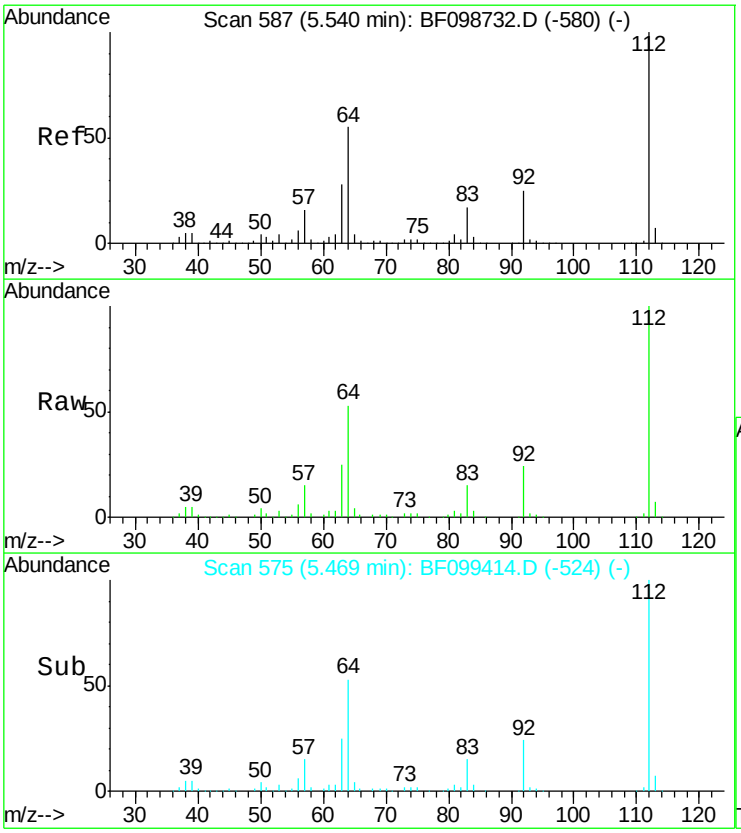
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112134

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.0	50.1	75.1

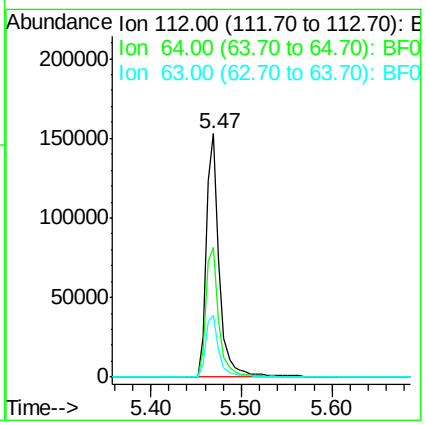


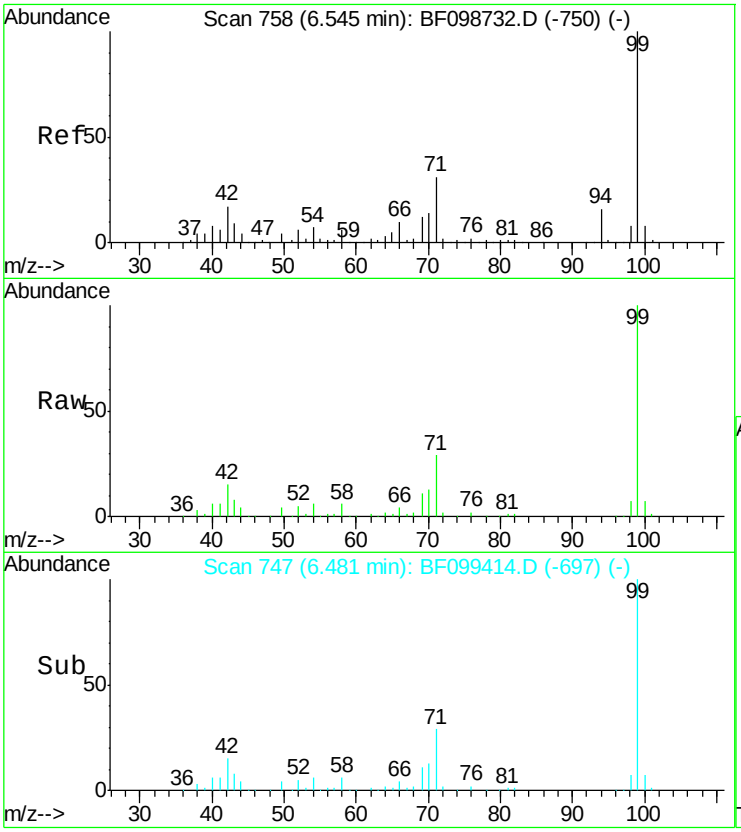


#5
2-Fluorophenol
Concen: 21.97 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion:112 Resp: 154757

Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	25.3	23.7	35.5



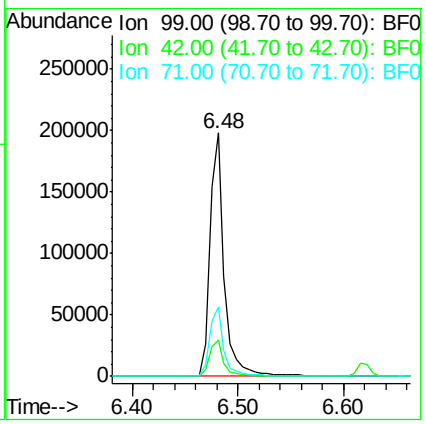


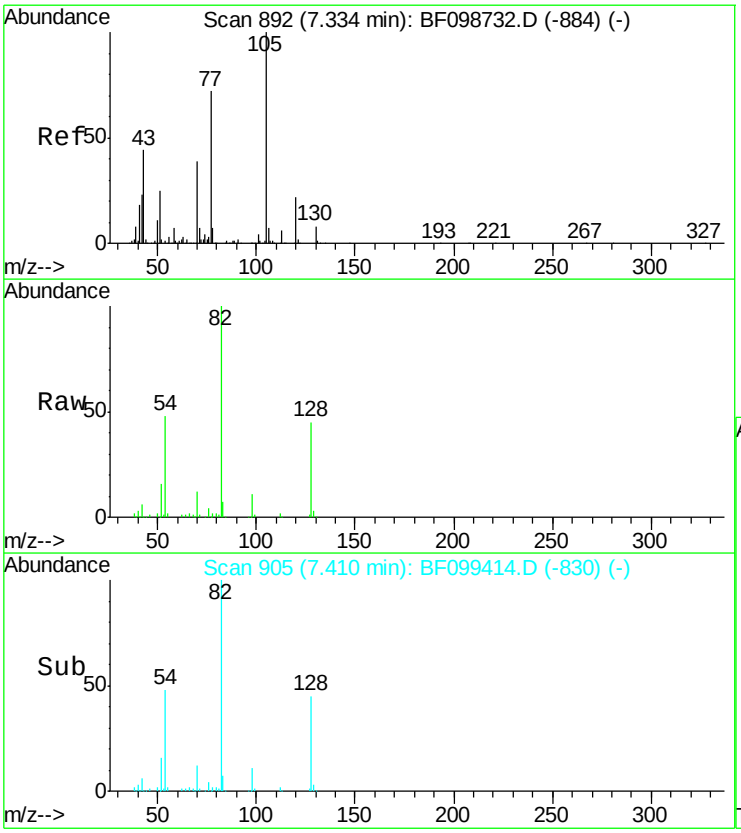
#7
Phenol-d6
Concen: 21.59 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 187598

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	28.6	25.4	38.0

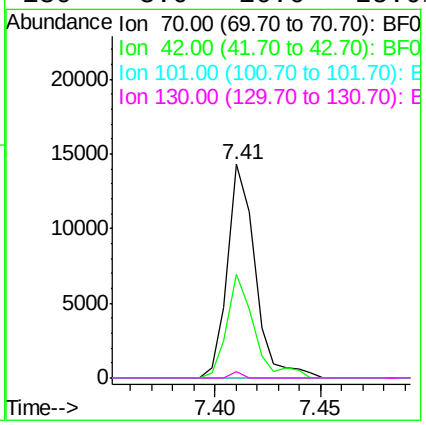


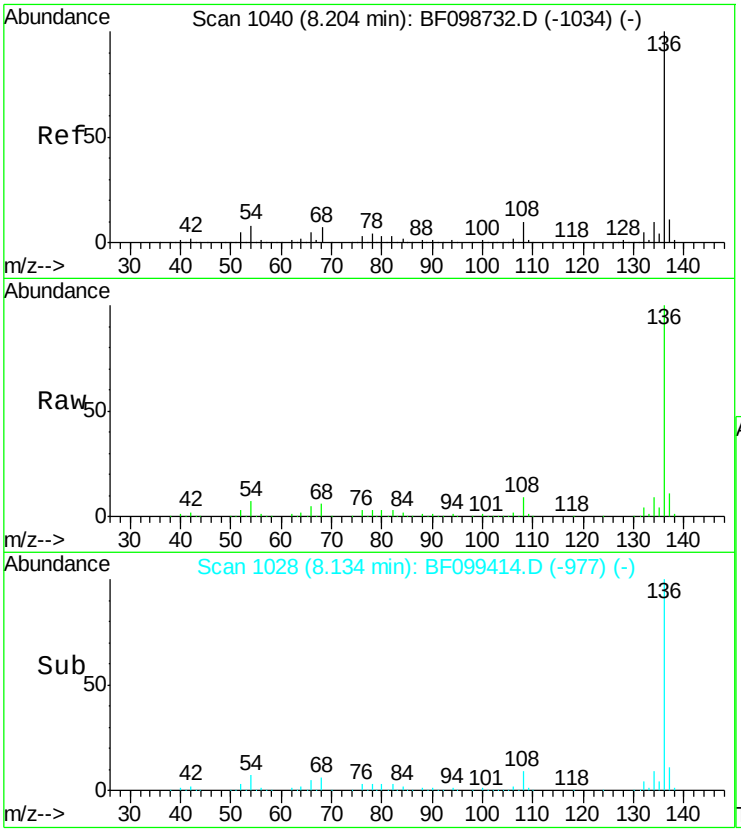


#19
n-Nitroso-di-n-propylamine
Concen: 2.33 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion: 70 Resp: 12942

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.5	71.3
101	0.0	7.4	11.2#
130	3.0	16.6	25.0#



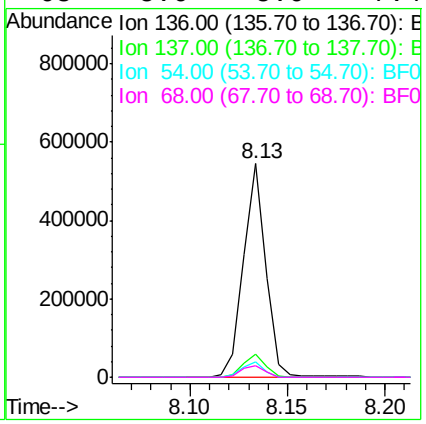


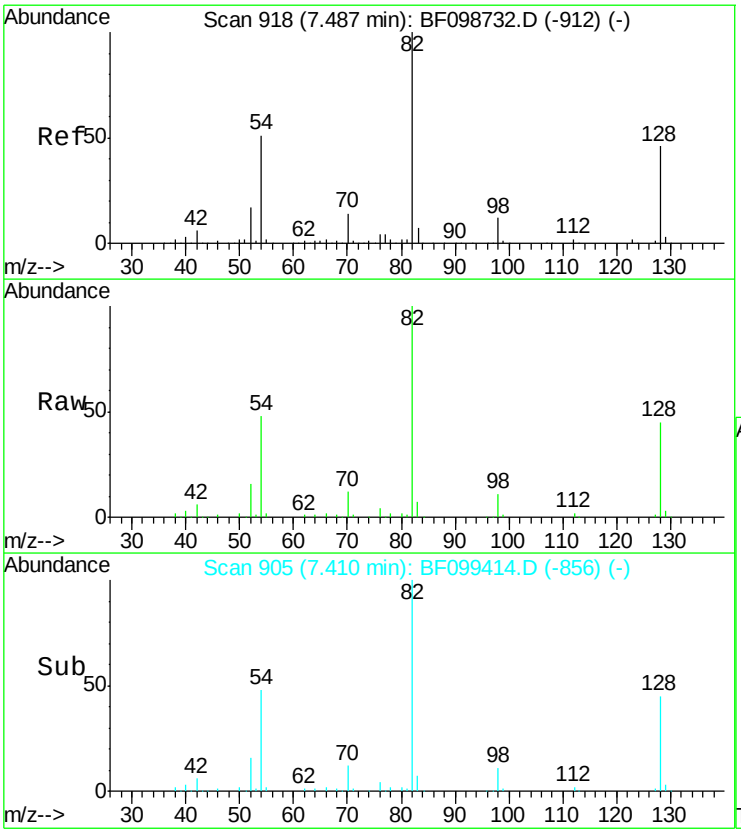
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 433133

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.6	9.8
68	5.6	5.0	7.4

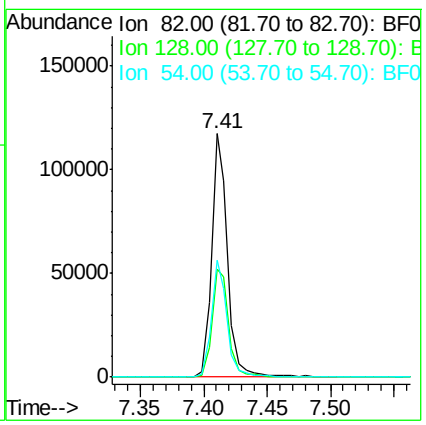


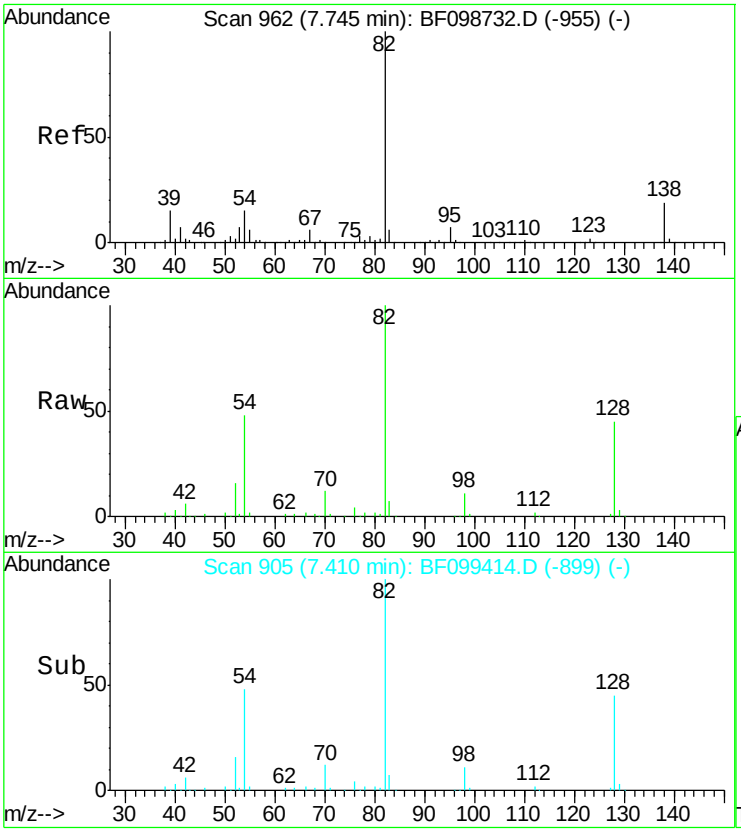


#23
Nitrobenzene-d5
Concen: 15.40 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion: 82 Resp: 104002

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	48.2	41.4	62.2



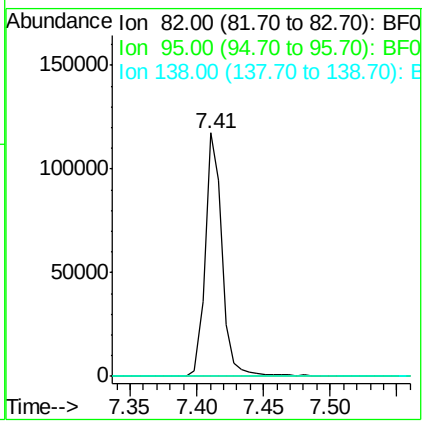


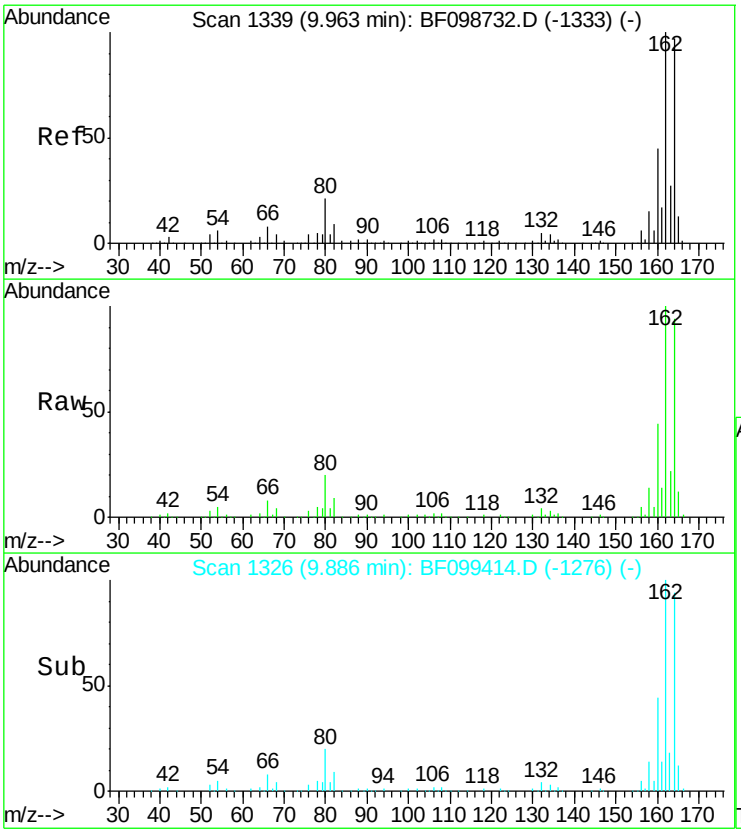
#25
Isophorone
Concen: 7.45 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 104016

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

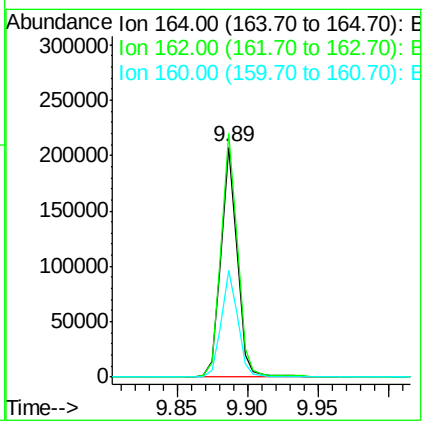


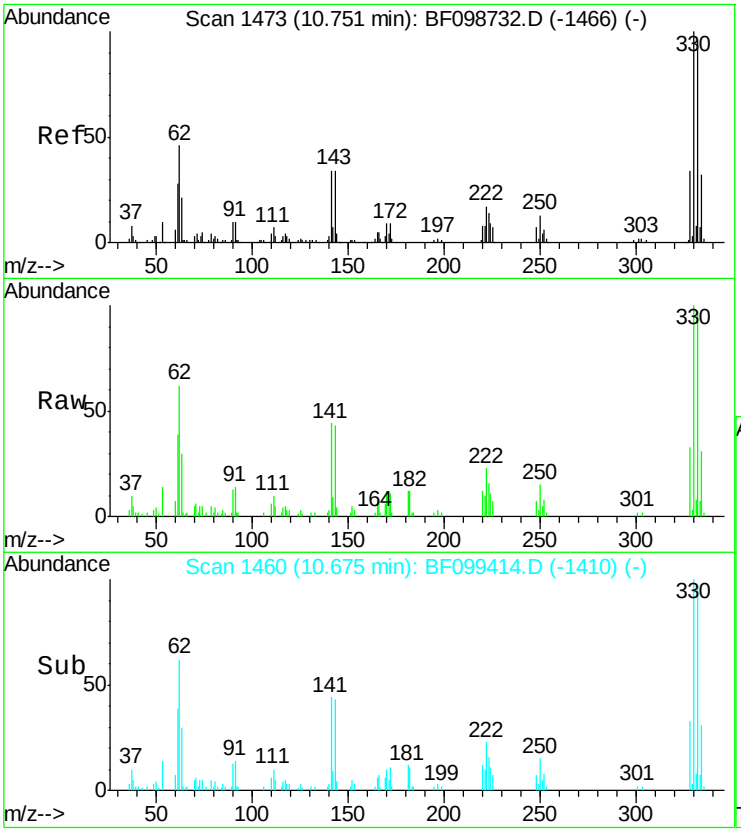


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion:164 Resp: 168564

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	46.2	38.3	57.5



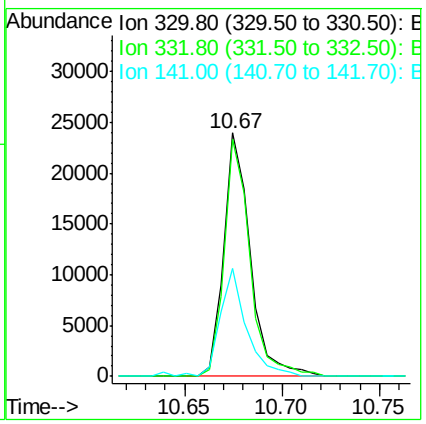


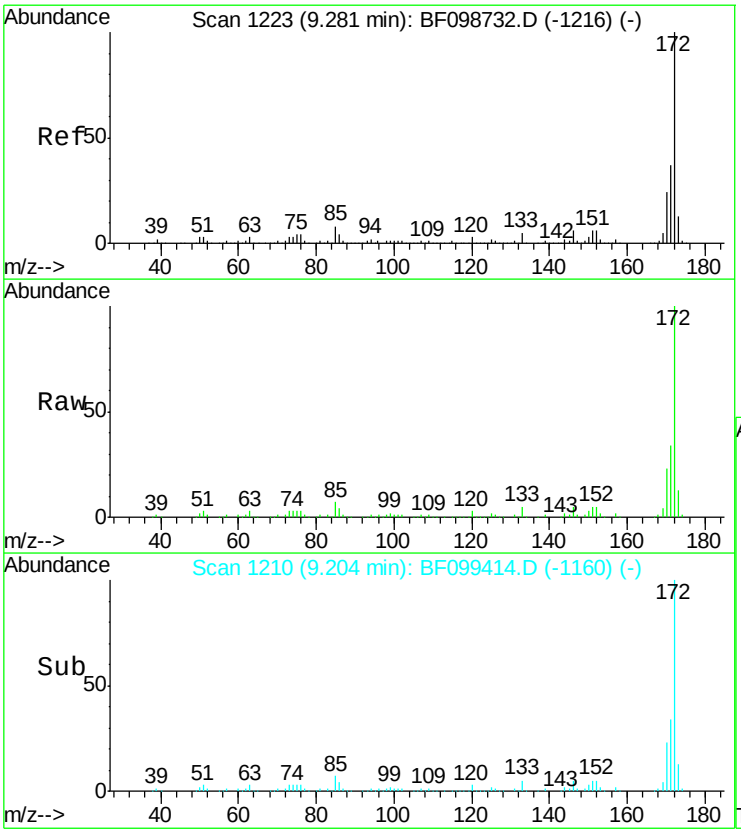
#41
2,4,6-Tribromophenol
Concen: 16.46 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 22697

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	43.6	29.9	44.9

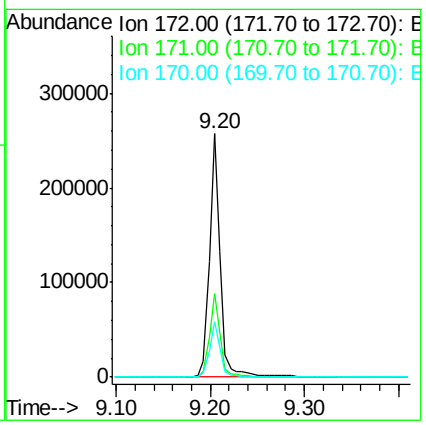


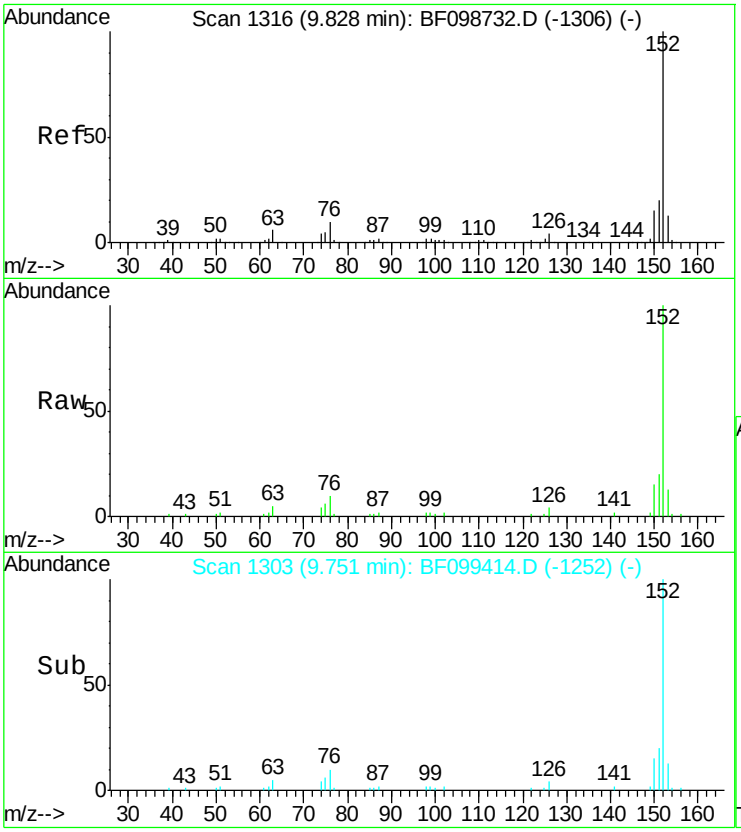


#44
2-Fluorobiphenyl
Concen: 20.90 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion:172 Resp: 211043

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	22.9	19.6	29.4



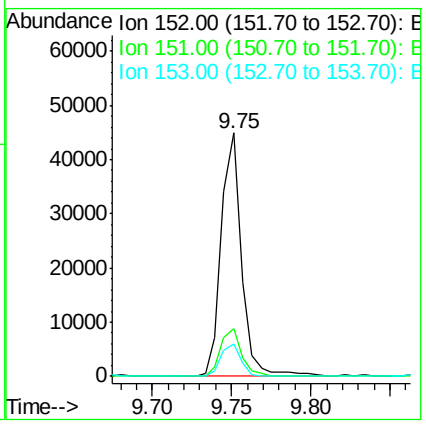


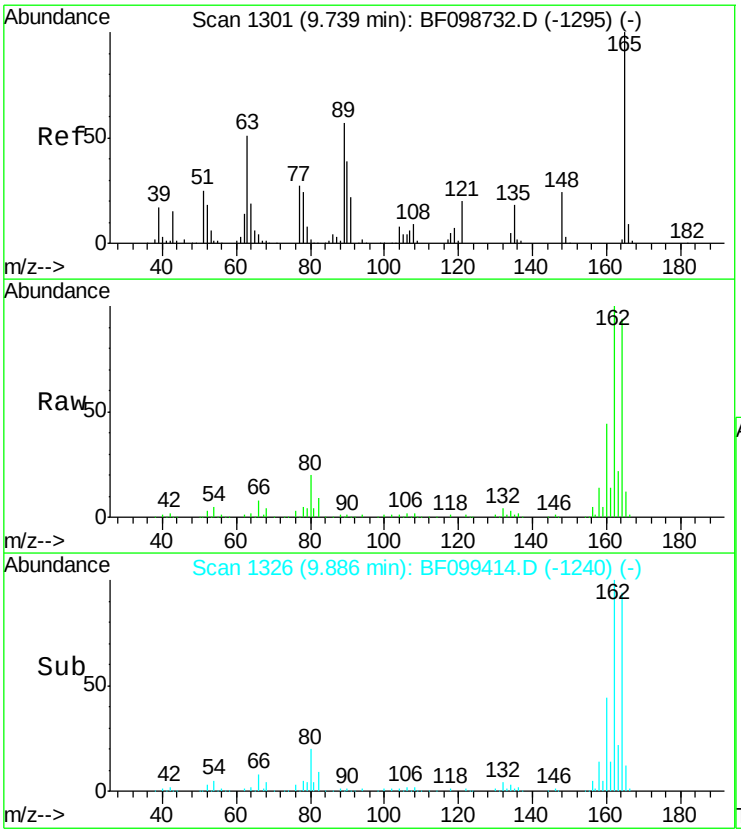
#48
Acenaphthylene
Concen: 2.40 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39881

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.2	10.7	16.1

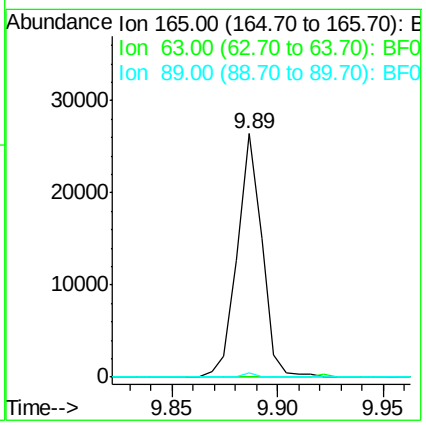


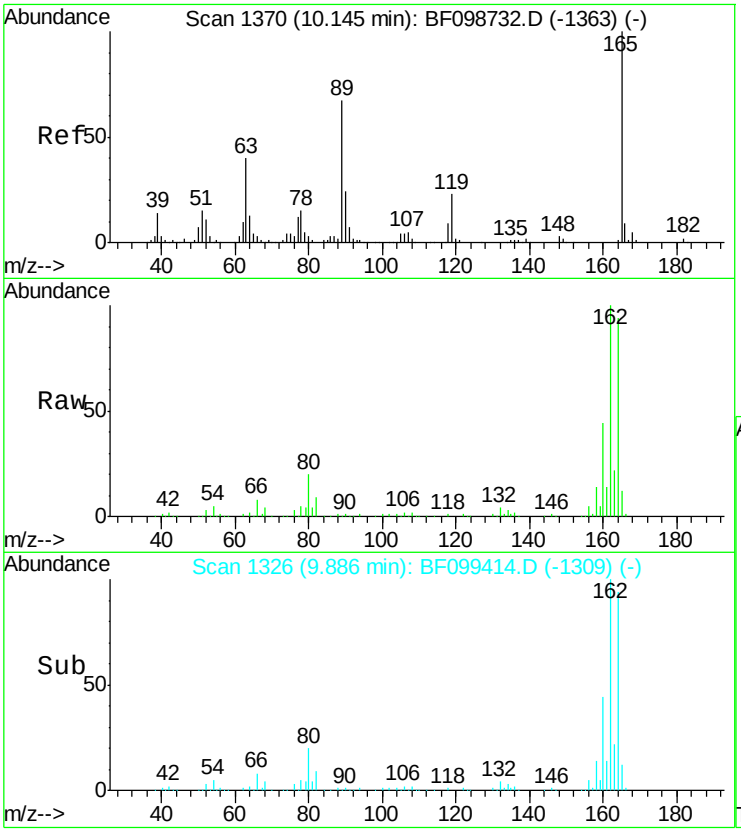


#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion:165 Resp: 21443

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



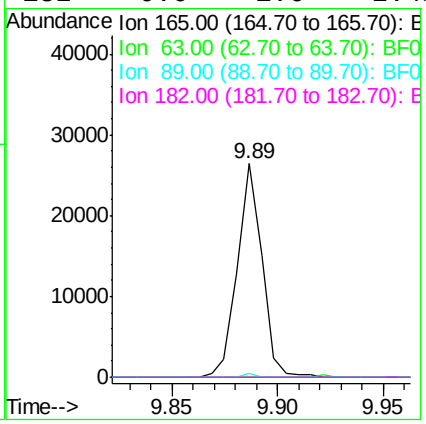


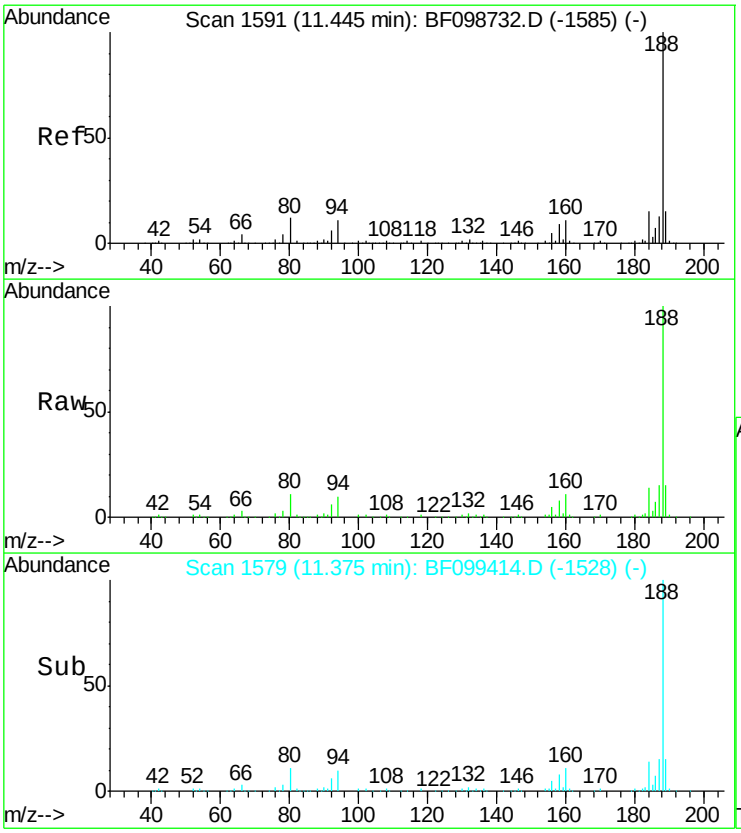
#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21443

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

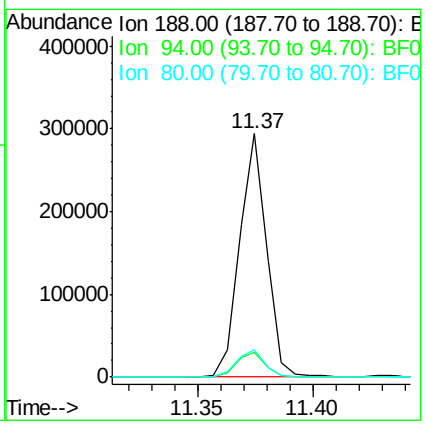


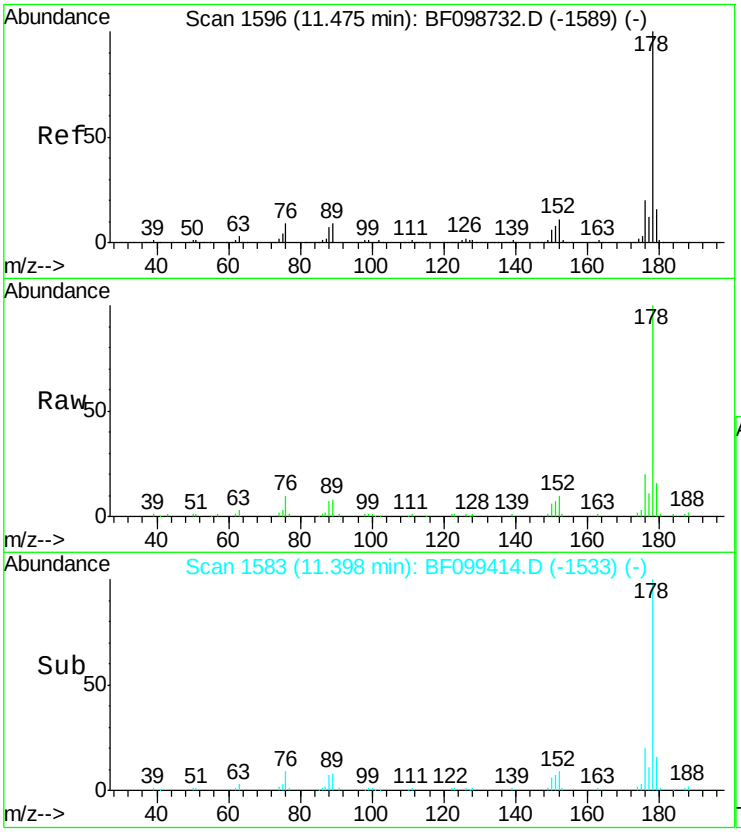


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion:188 Resp: 239262

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.1	9.2	13.8



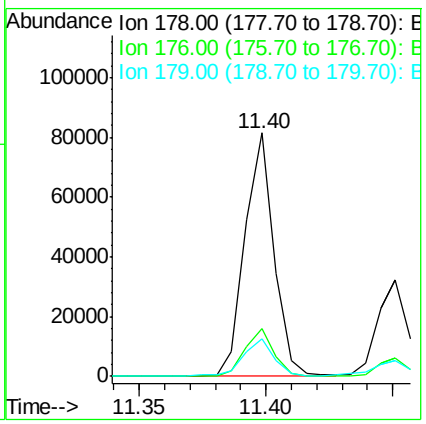


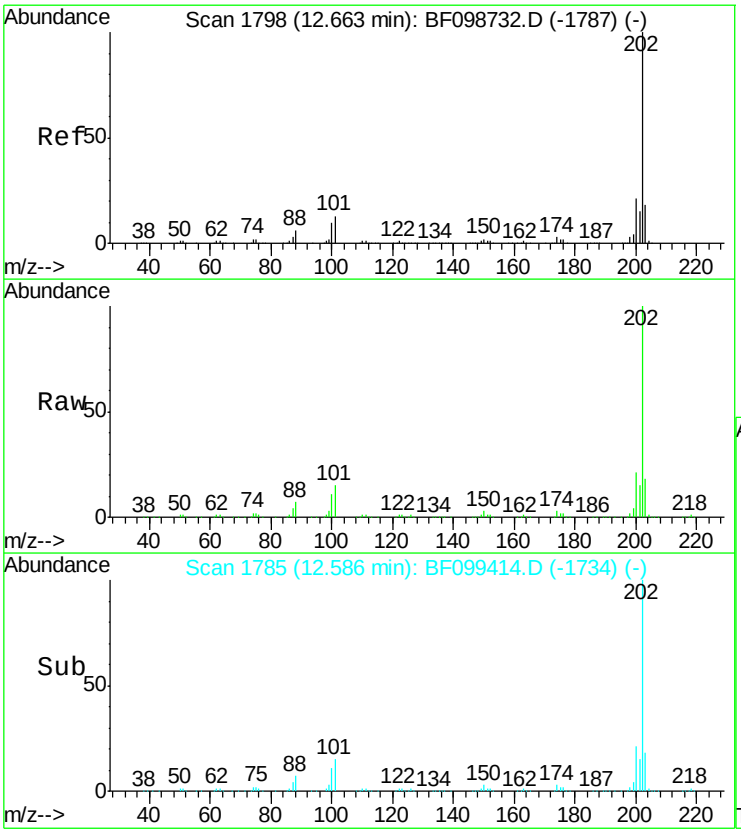
#70
Phenanthrene
Concen: 5.09 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 65139

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	13.0	19.6

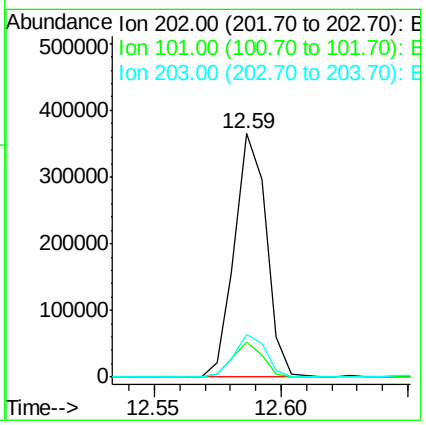


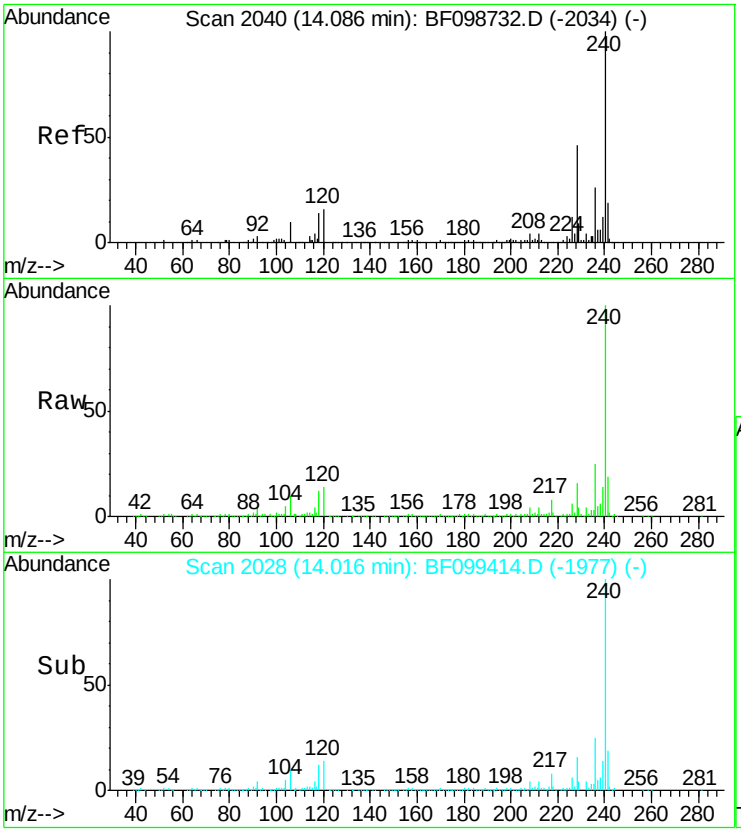


#74
Fluoranthene
Concen: 24.78 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion:202 Resp: 321352

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	17.7	0.0	38.1



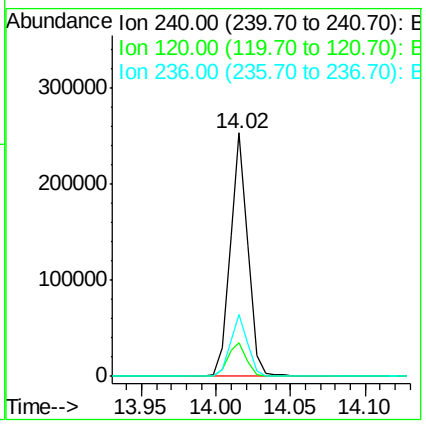


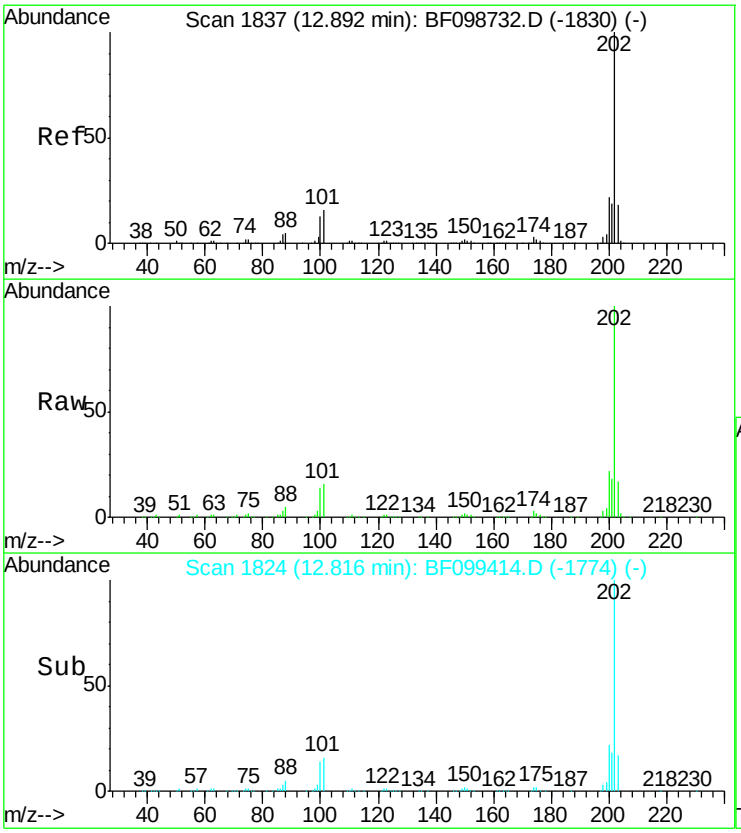
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 211754

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.5	20.7	31.1

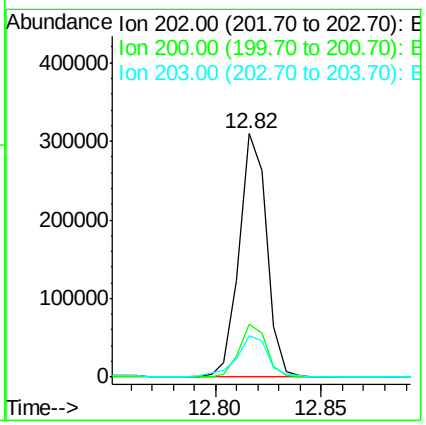


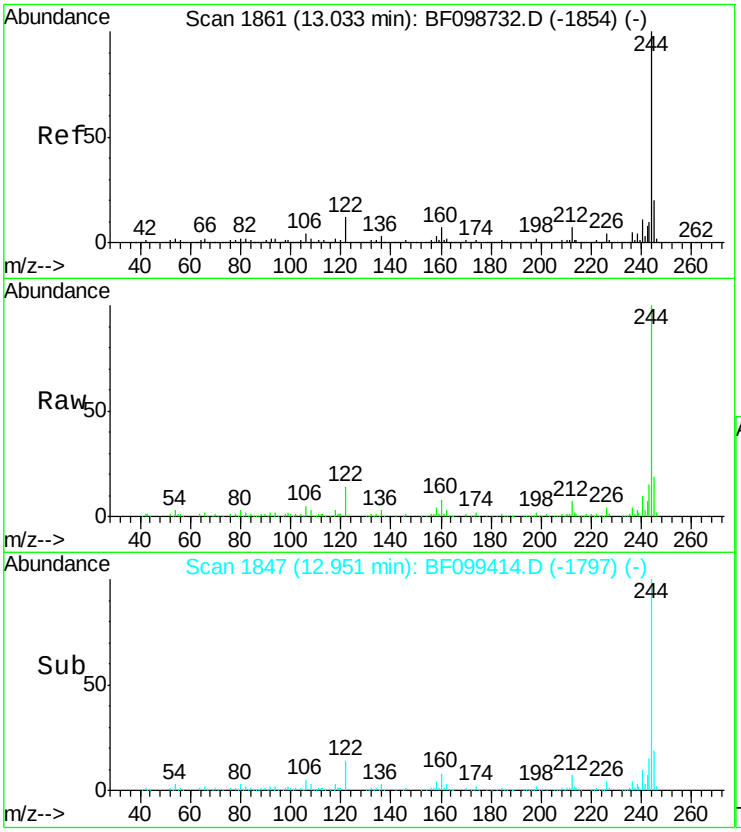


#77
Pyrene
Concen: 17.40 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion:202 Resp: 280990

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.2	14.3	21.5



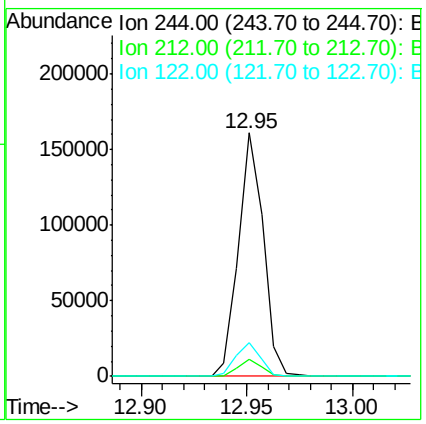


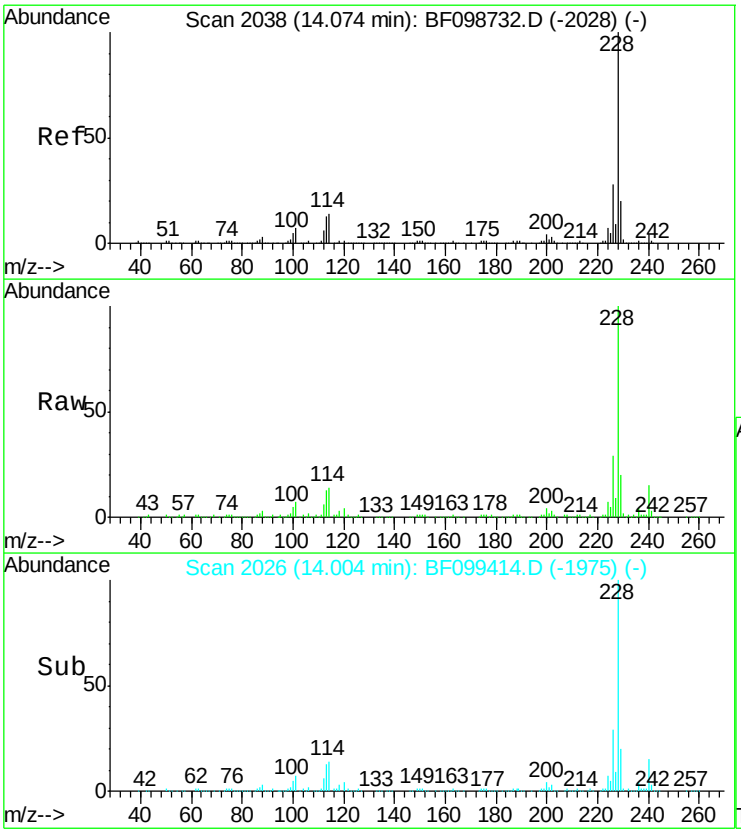
#78
Terphenyl-d14
Concen: 14.10 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 131245

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.8	11.0	16.4

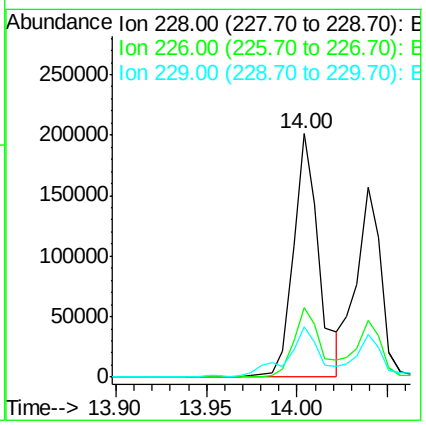


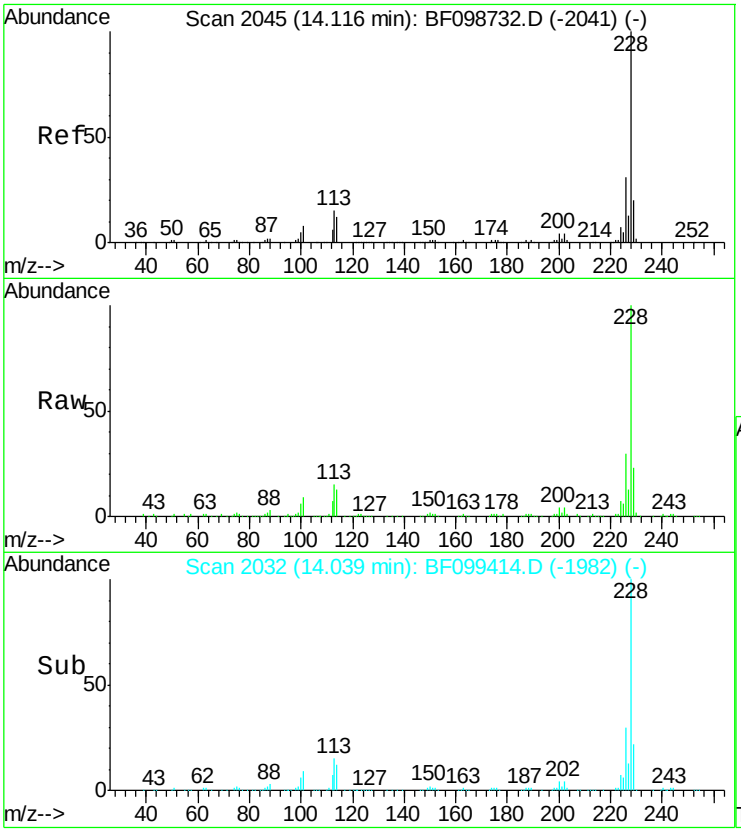


#80
Benzo(a)anthracene
Concen: 15.48 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion:228 Resp: 198479

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.5	15.8	23.6



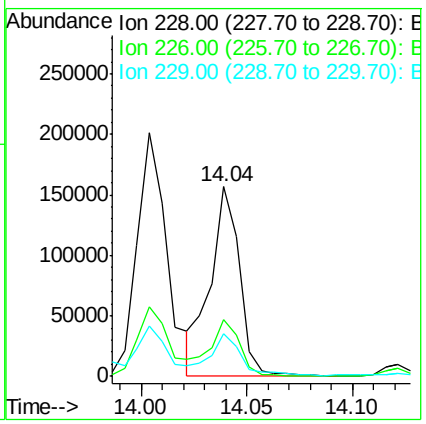


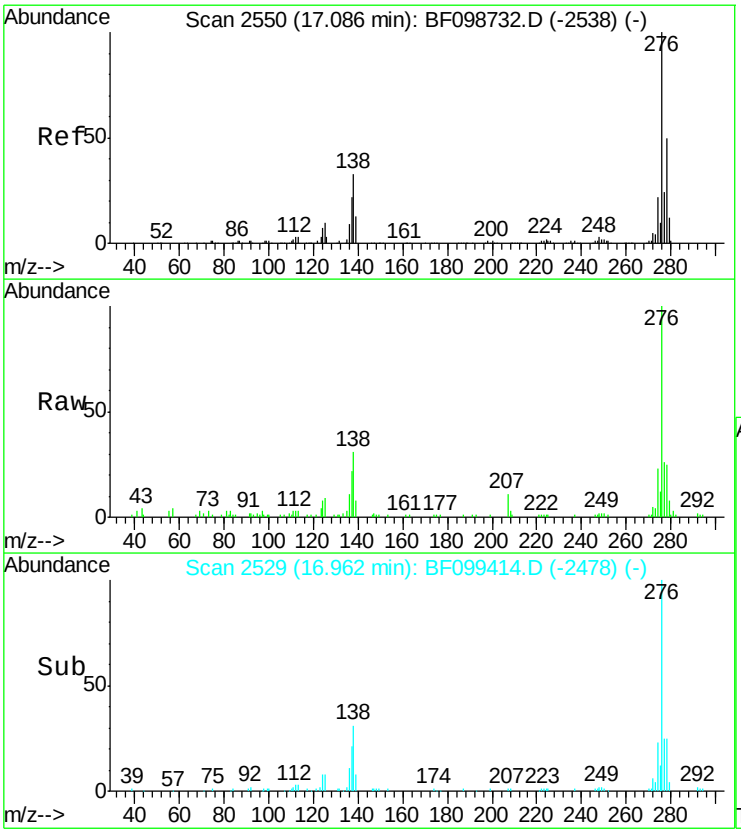
#82
Chrysene
Concen: 12.41 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 151464

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.5	16.2	24.4

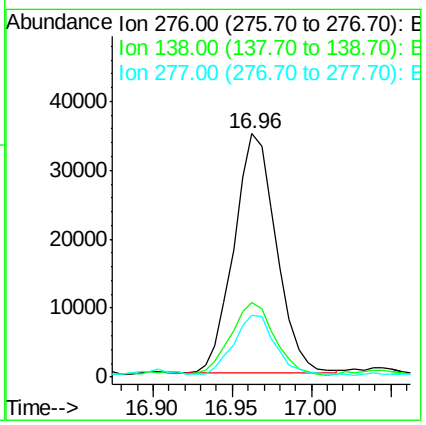


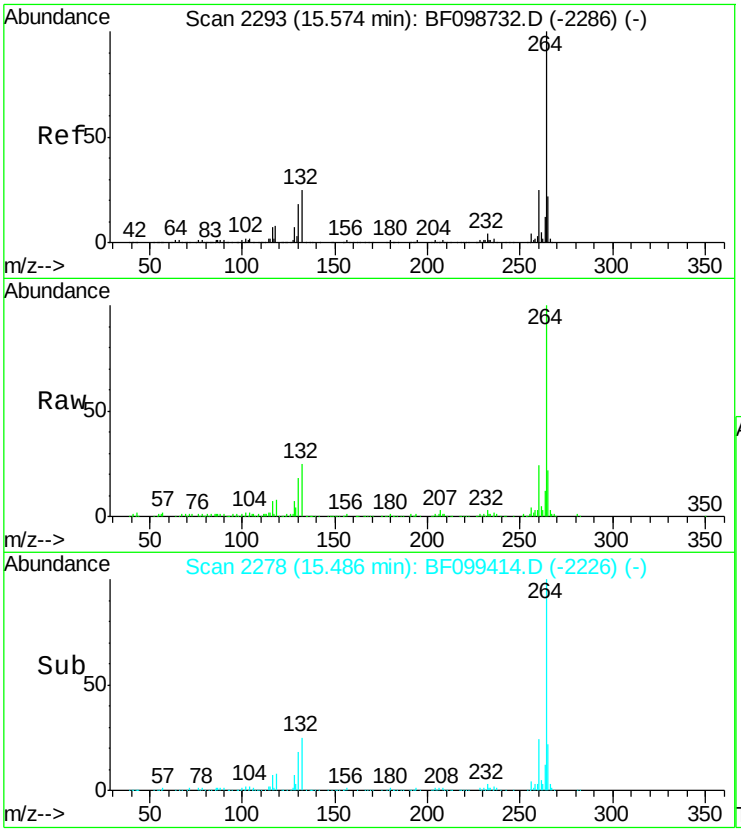


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.61 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion:276 Resp: 64592

Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.0	37.6
277	24.7	20.1	30.1



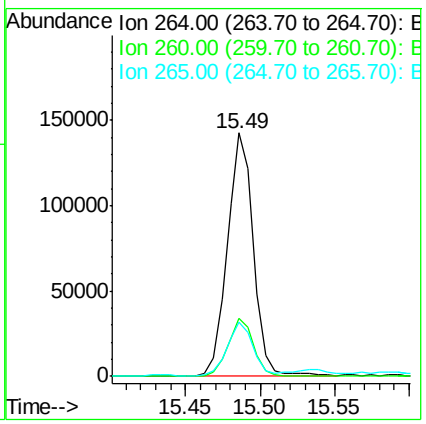


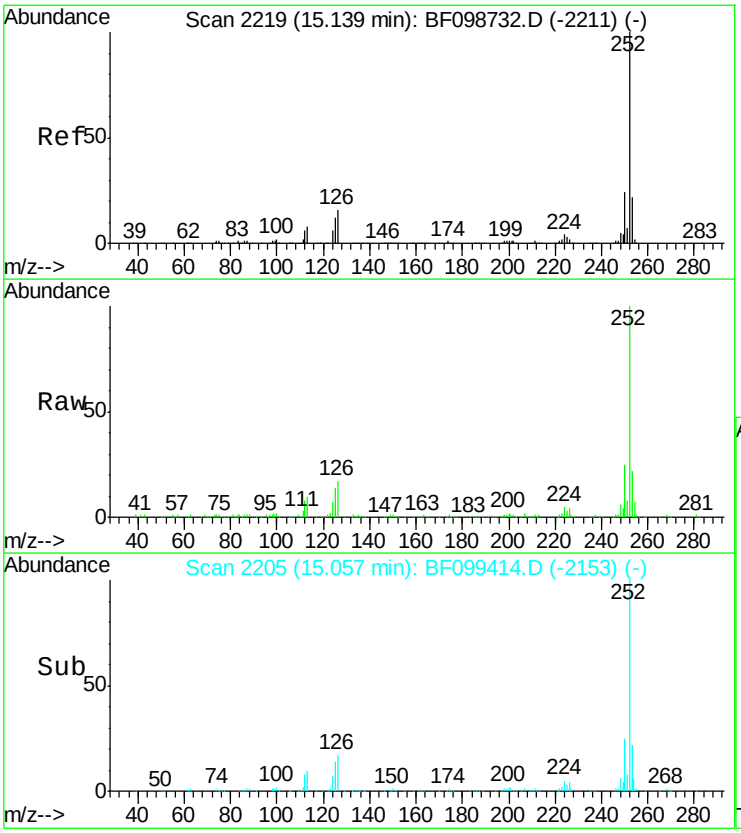
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 174997

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3

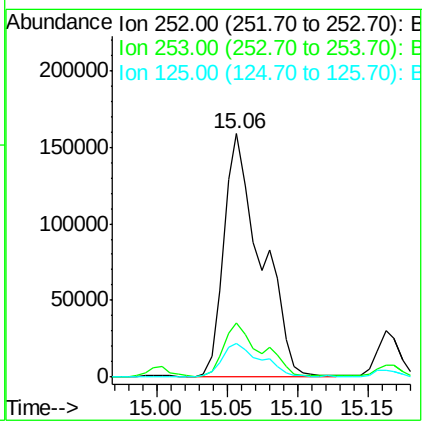


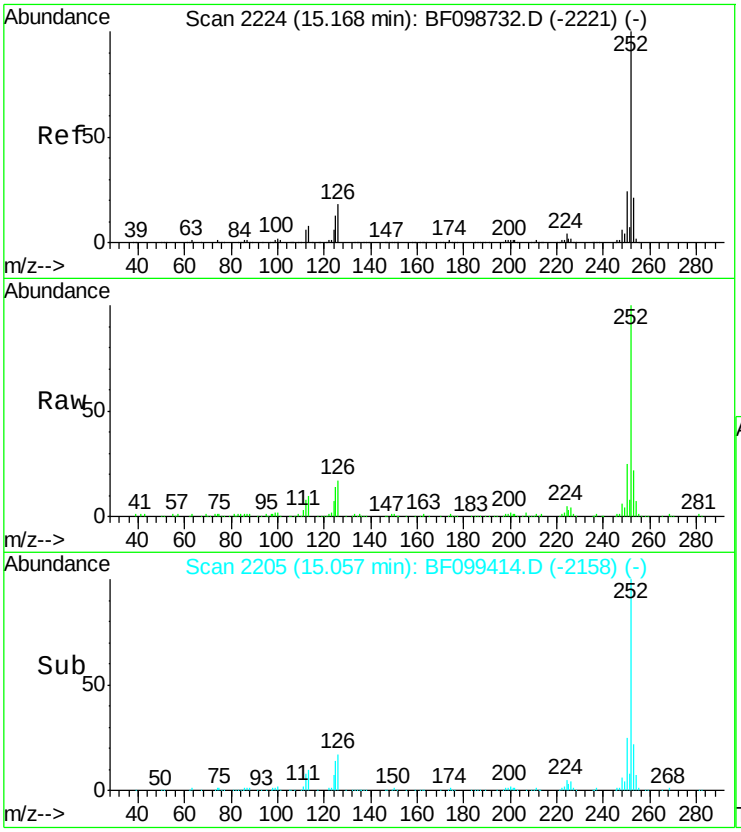


#87
Benzo(b)fluoranthene
Concen: 26.93 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion:252 Resp: 289750

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	14.1	9.0	13.6#



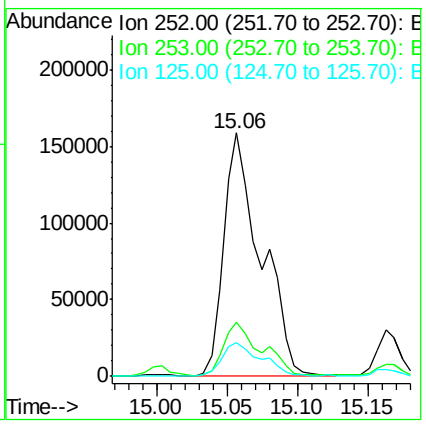


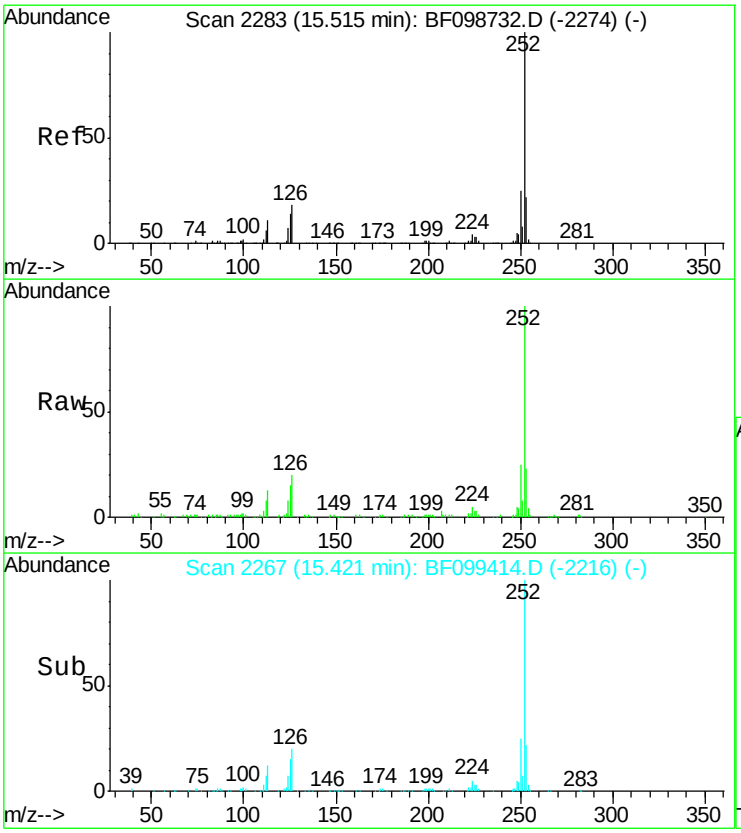
#88
Benzo(k)fluoranthene
Concen: 27.26 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 289750

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	14.1	10.2	15.2

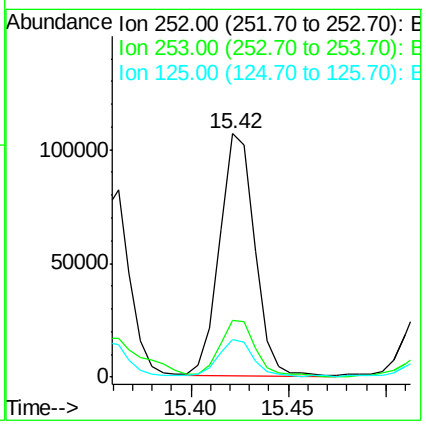


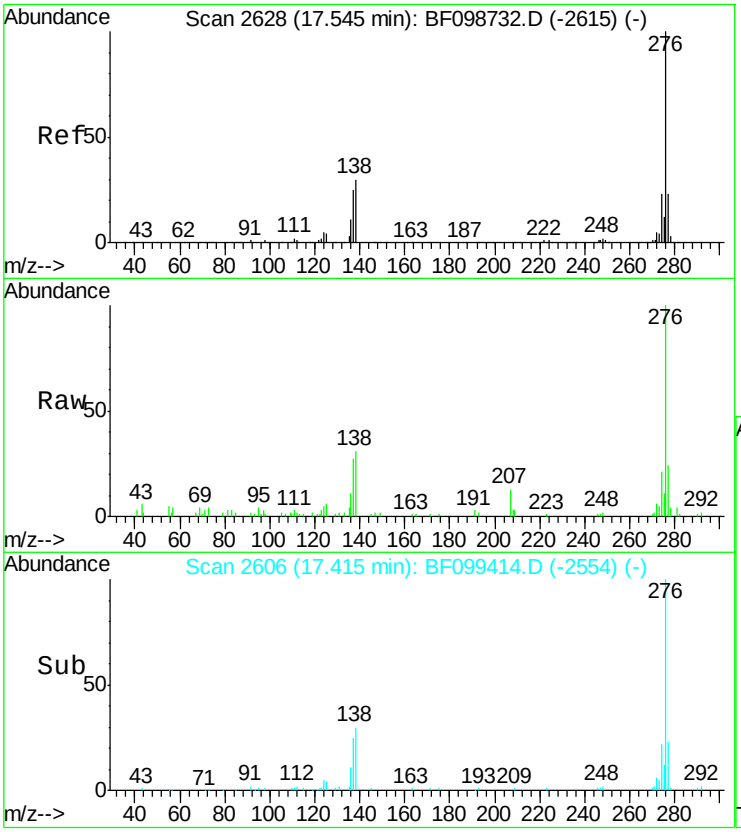


#89
Benzo(a)pyrene
Concen: 13.50 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Tgt Ion:252 Resp: 133371

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	15.4	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 7.37 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.01 min
Lab File: BF099414.D
Acq: 13 Oct 2017 00:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 57606

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	30.6	21.8	32.8