Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099965.D
Acq On : 30 Oct 2017 17:45
Operator : SJ/JU
Sample : I6171-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 02:27:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	97769	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	402265	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	182539	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	308635	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	193780	20.00	ng		-0.02
86) Perylene-d12	15.46	264	185315	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	320949	51.54	ng		-0.01
7) Phenol-d6	6.43	99	413433	55.99	ng		-0.01
23) Nitrobenzene-d5	7.36	82	213180	34.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	97657	58.71	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	510845	43.18	ng		-0.01
78) Terphenyl-d14	12.90	244	413674	46.65	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.45	94	20188	2.490	ng		79
19) n-Nitroso-di-n-propylamine	7.36	70	26461	6.115	ng	#	70
25) Isophorone	7.36	82	213180	18.802	ng	#	64
49) Dimethylphthalate	9.54	163	86701	5.998	ng		99
56) 2,4-Dinitrotoluene	9.82	165	22921	6.263	ng	#	21
74) Fluoranthene	12.54	202	57439	3.173	ng		98
77) Pyrene	12.77	202	63148	4.286	ng		98
80) Benzo(a)anthracene	13.97	228	25297	2.059	ng		96
82) Chrysene	14.00	228	25864	2.240	ng		96
87) Benzo(b)fluoranthene	15.03	252	50261	4.295	ng	#	86
88) Benzo(k)fluoranthene	15.03	252	50261	4.555	ng	#	89
89) Benzo(a)pyrene	15.40	252	27618	2.627	ng	#	83
91) Benzo(g,h,i)perylene	17.42	276	20094	2.199	ng	#	85

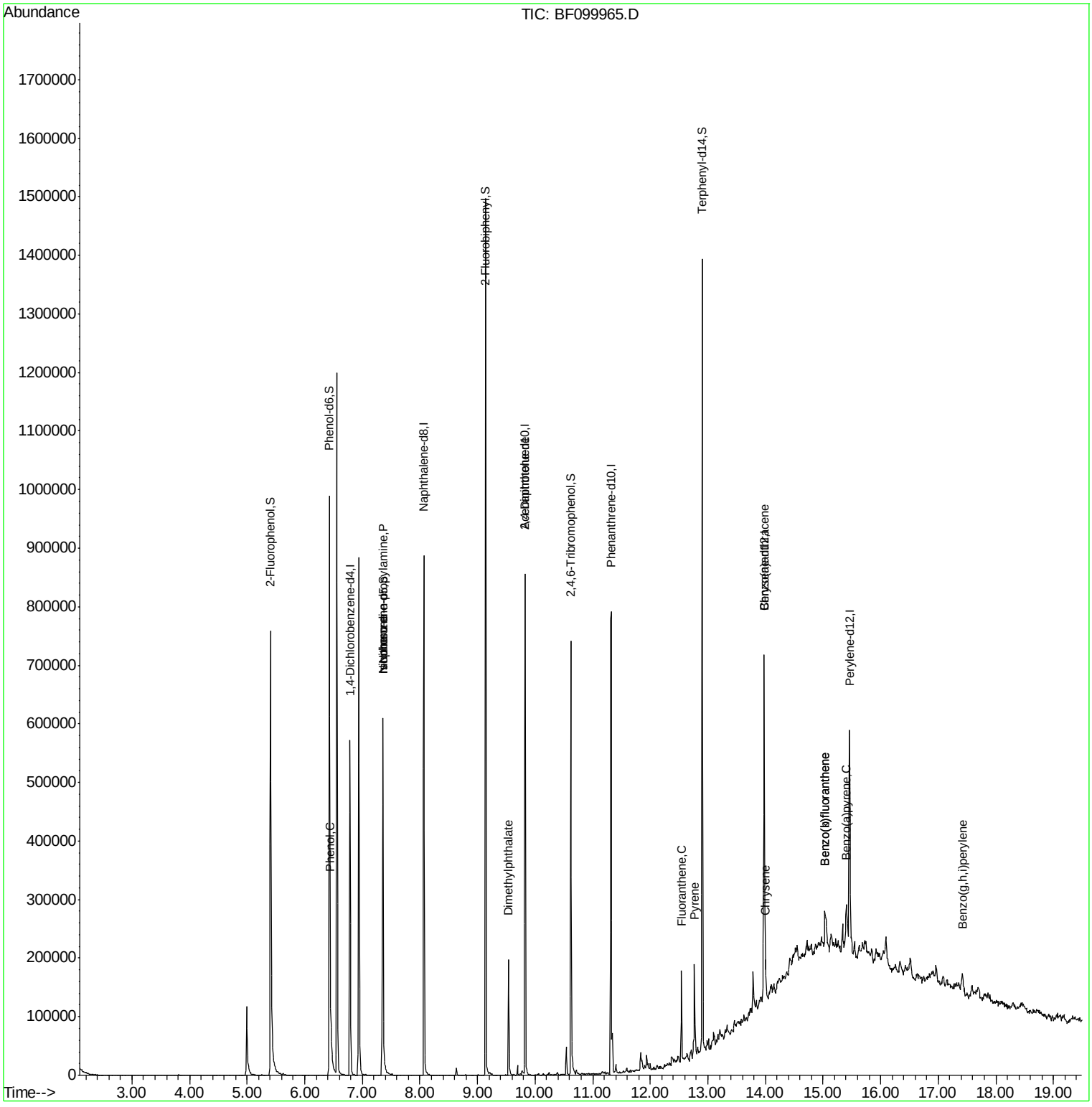
(#) = qualifier out of range (m) = manual integration (+) = signals summed

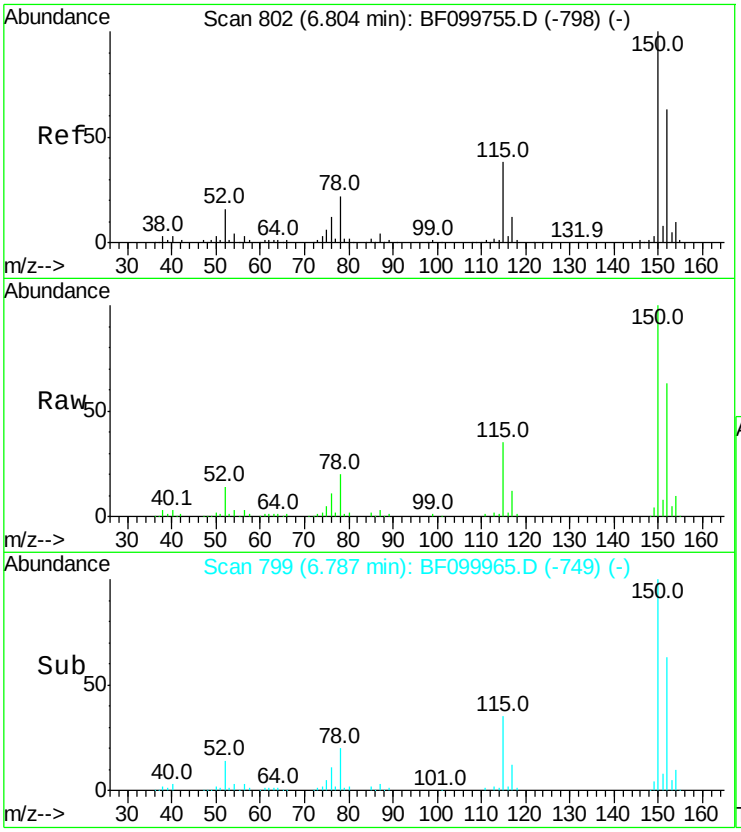
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099965.D
Acq On : 30 Oct 2017 17:45
Operator : SJ/JU
Sample : I6171-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 31 02:27:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration



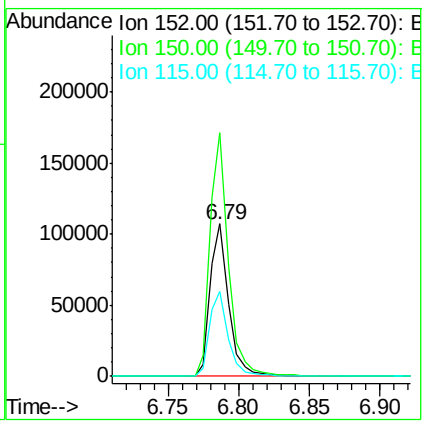


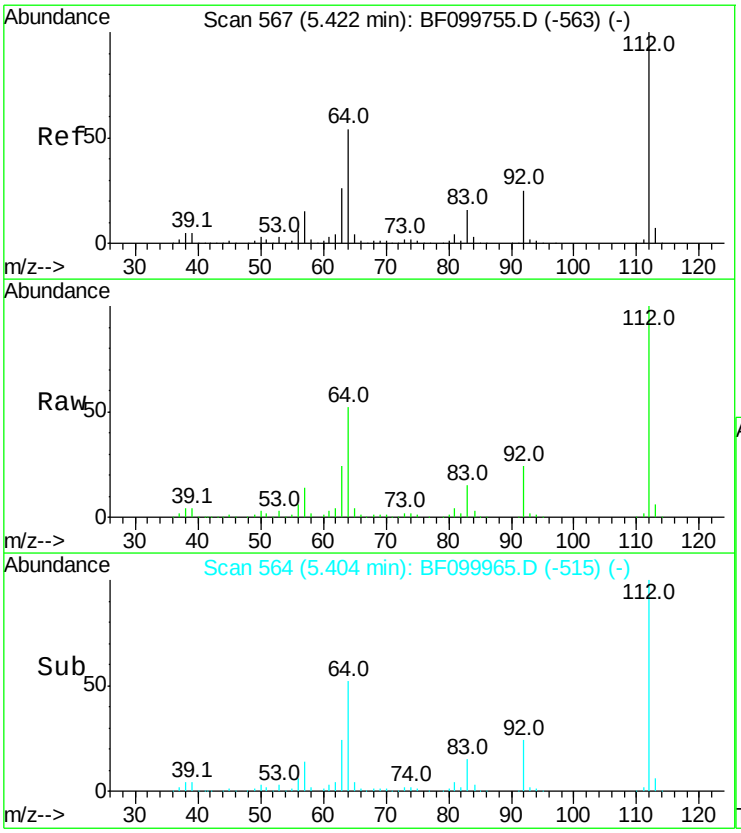
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97769

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	55.8	50.1	75.1

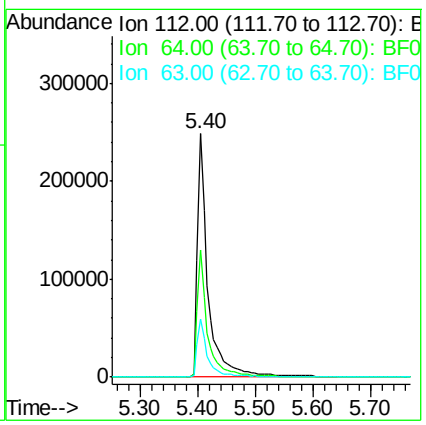


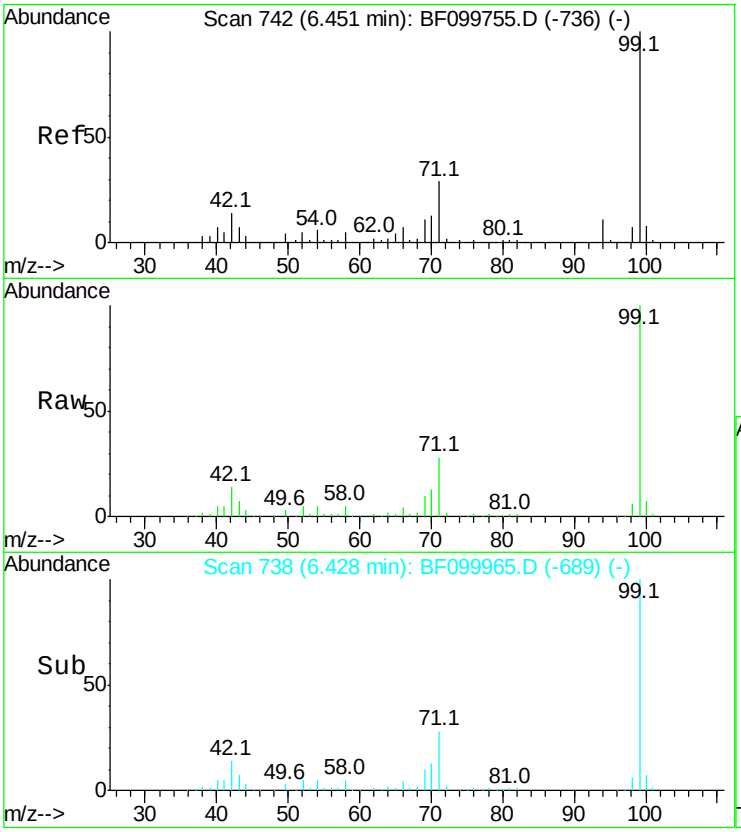


#5
2-Fluorophenol
Concen: 51.538 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion:112 Resp: 320949

Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.9	71.9
63	24.1	23.7	35.5



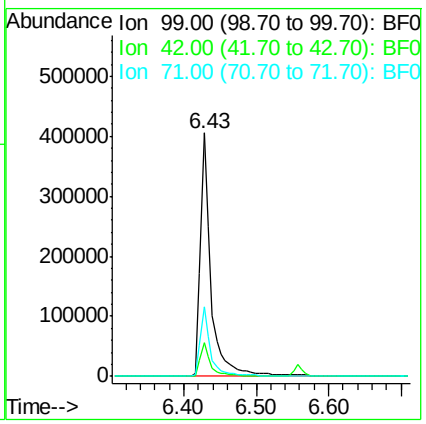


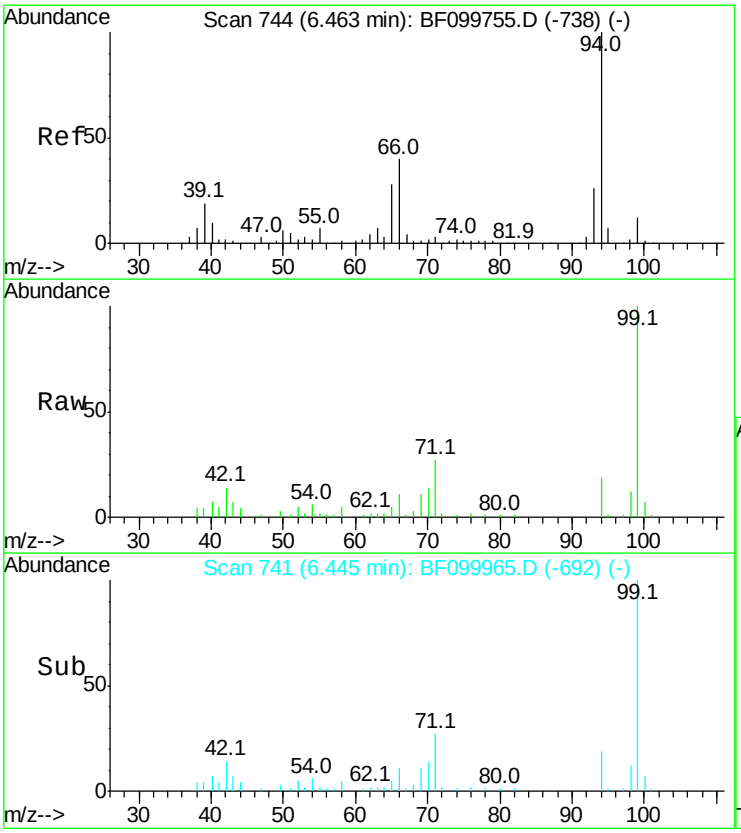
#7
Phenol-d6
Concen: 55.990 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 413433

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	28.3	25.4	38.0

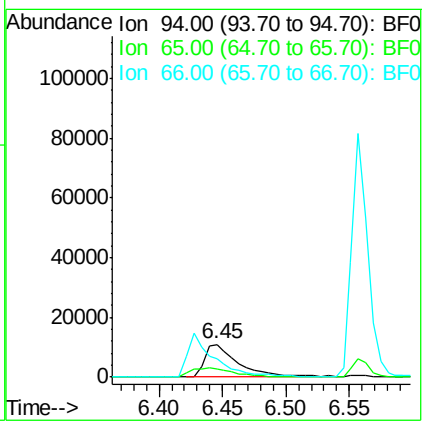


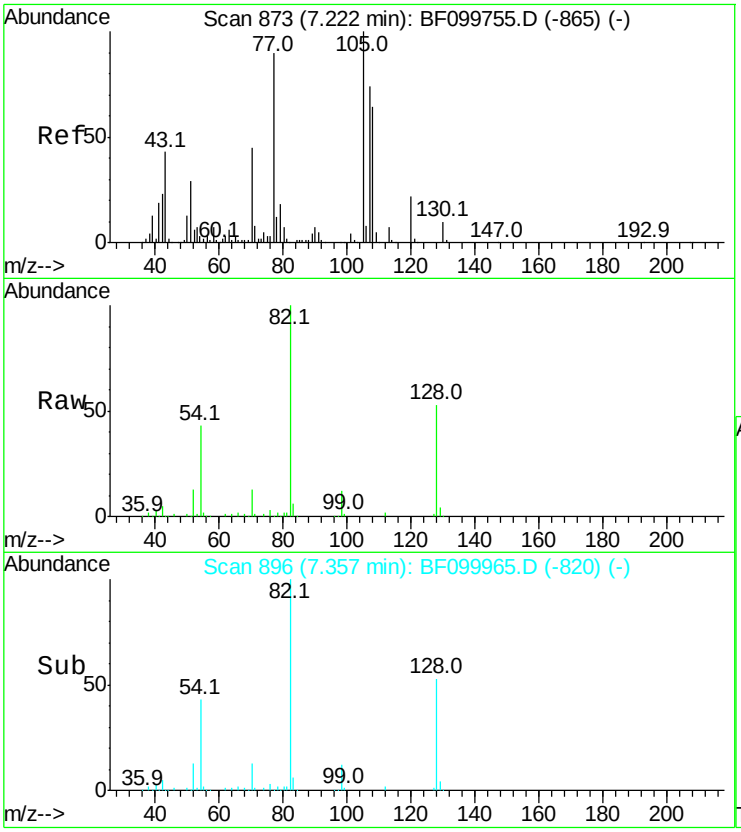


#10
Phenol
Concen: 2.490 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion: 94 Resp: 20188

Ion	Ratio	Lower	Upper
94	100		
65	25.1	7.9	47.9
66	55.4	16.2	56.2



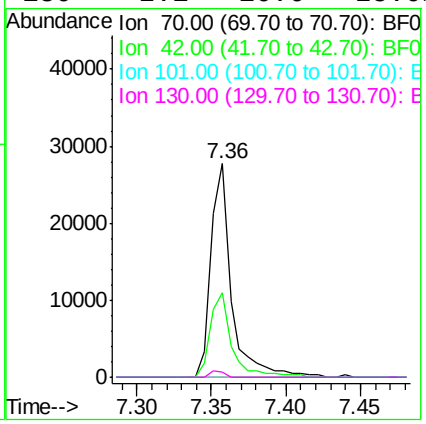


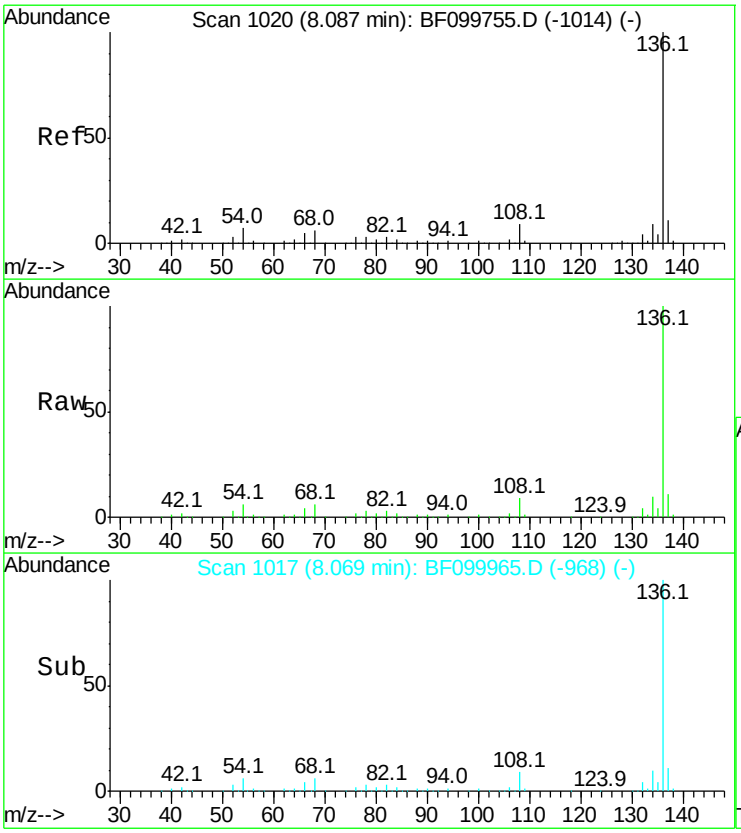
#19
n-Nitroso-di-n-propylamine
Concen: 6.115 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 26461

Ion	Ratio	Lower	Upper
70	100		
42	39.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

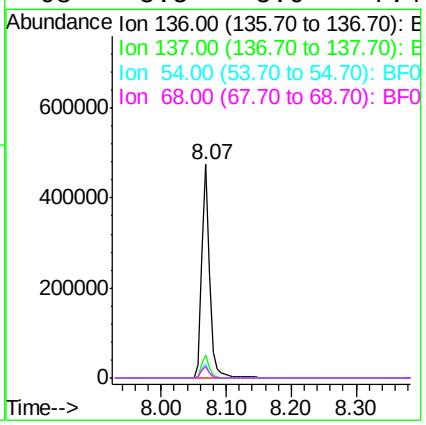


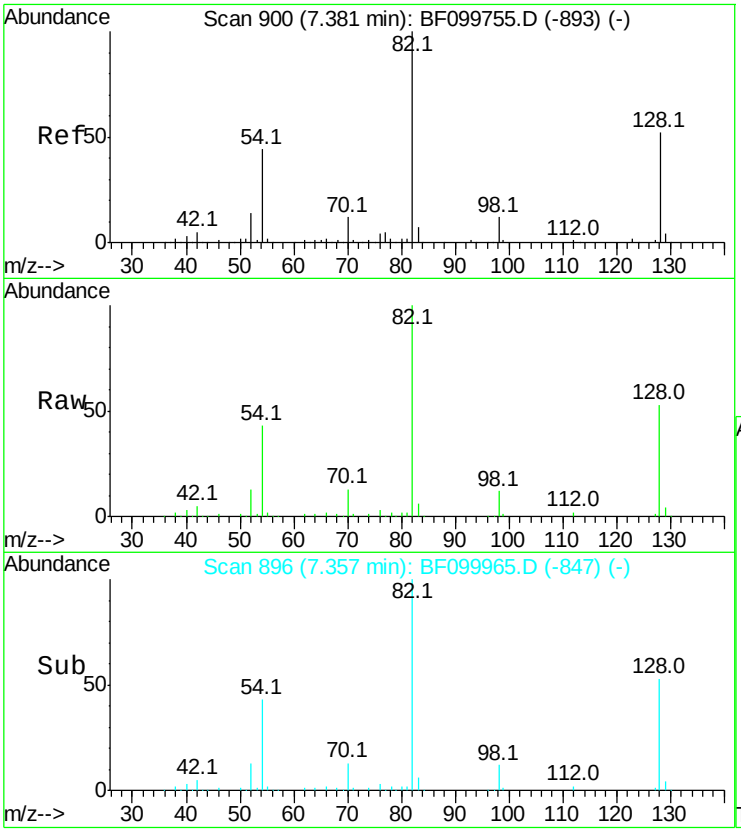


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion:136 Resp: 402265

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	6.6	9.8#
68	5.5	5.0	7.4

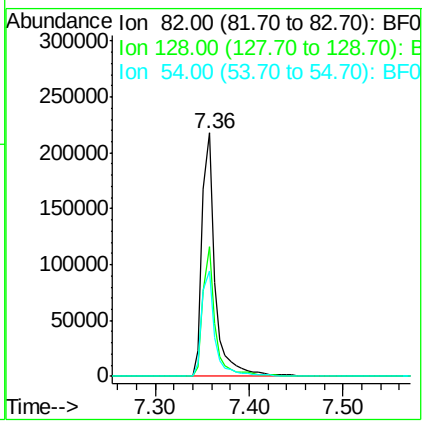




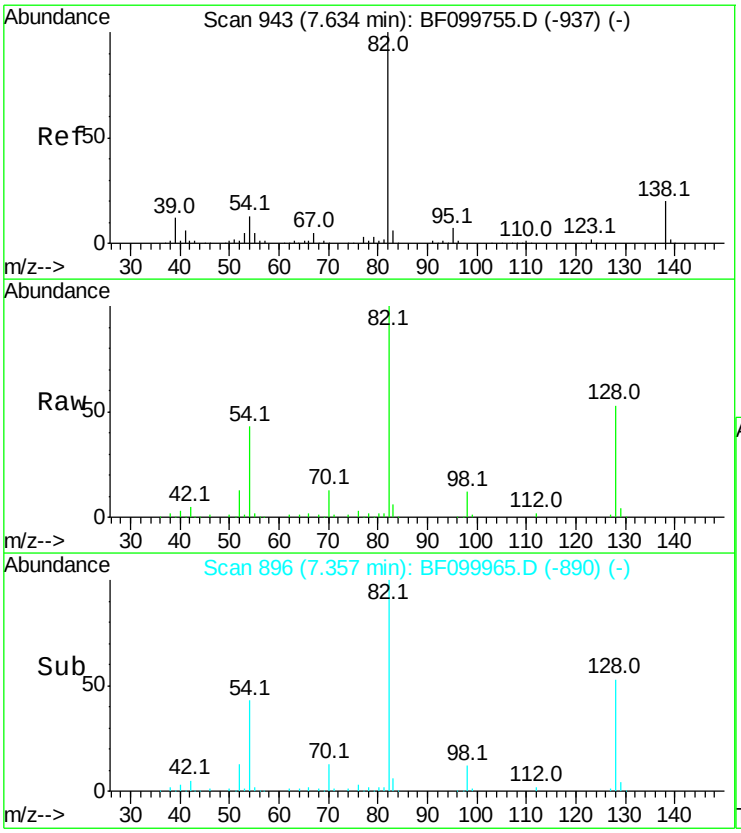
#23
Nitrobenzene-d5
Concen: 34.118 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion: 82 Resp: 213180

Ion	Ratio	Lower	Upper
82	100		
128	53.5	36.1	54.1
54	43.4	41.4	62.2



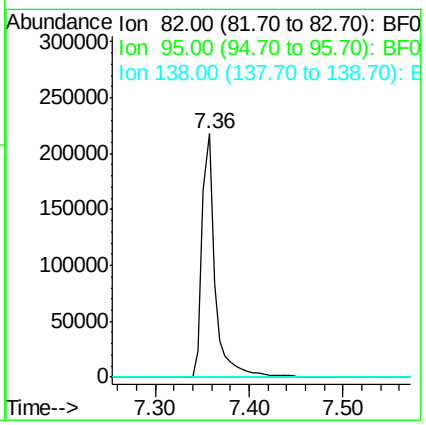
Instrument :
BNA_F
ClientSampleId :

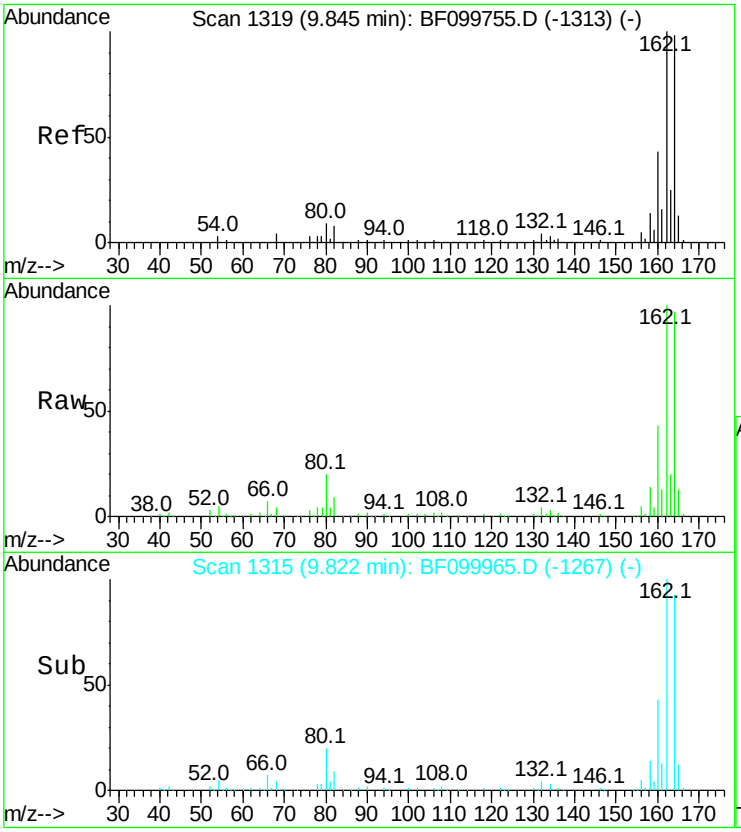


#25
Isophorone
Concen: 18.802 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion: 82 Resp: 213180

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



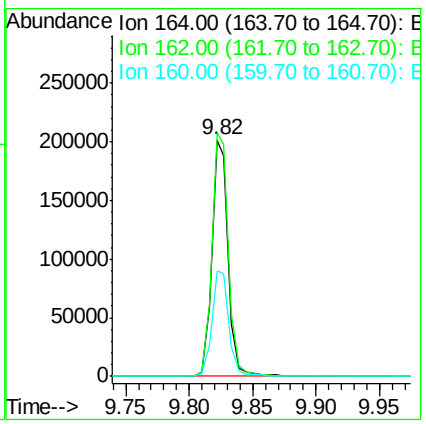


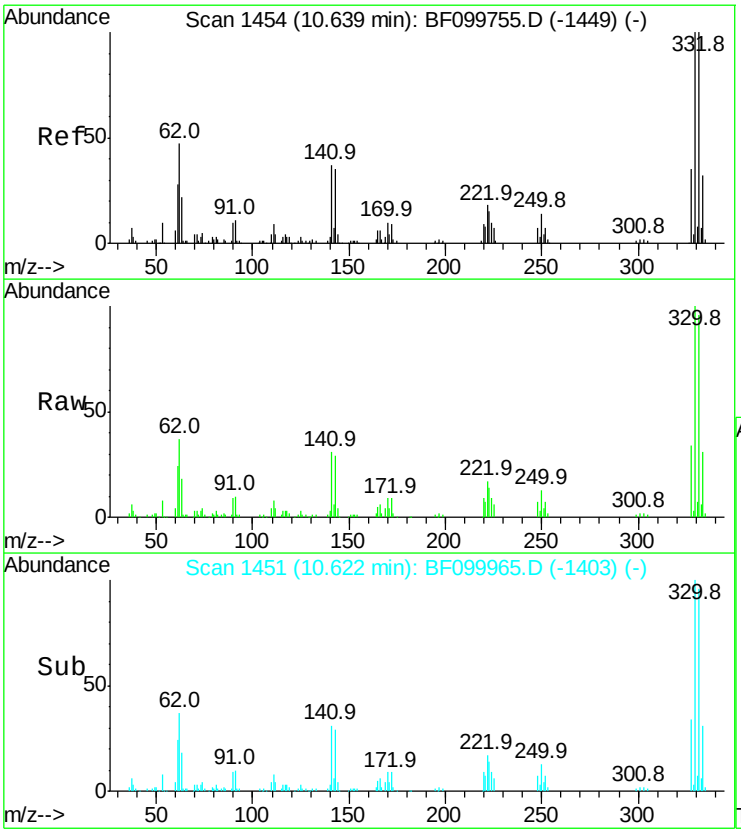
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 182539

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.6	38.3	57.5

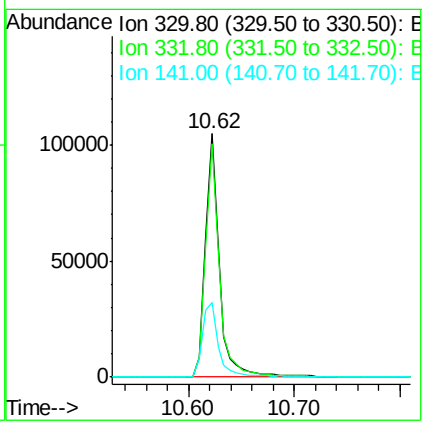


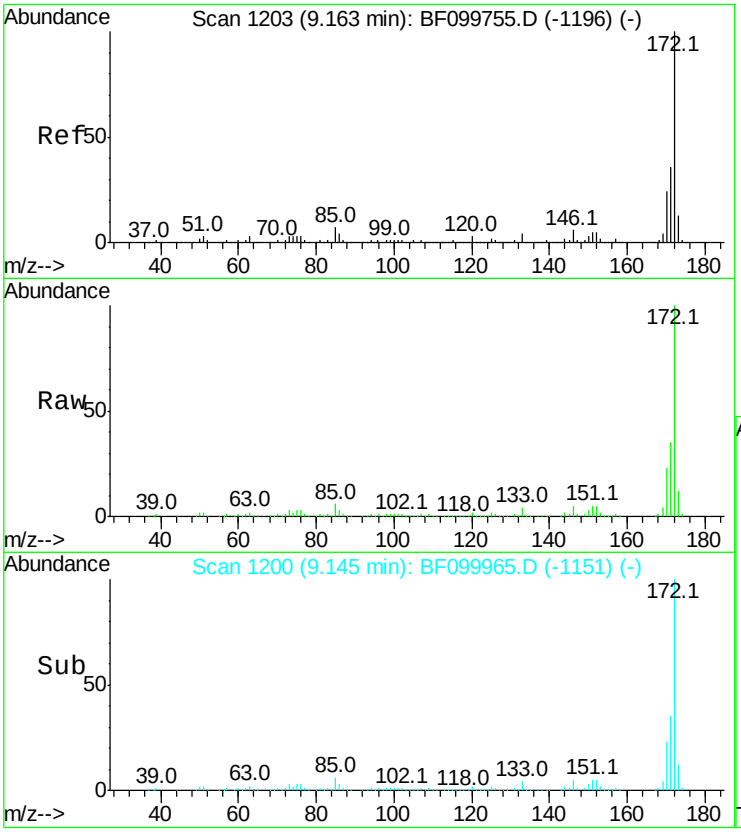


#41
2,4,6-Tribromophenol
Concen: 58.705 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion:330 Resp: 97657

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.4	29.9	44.9



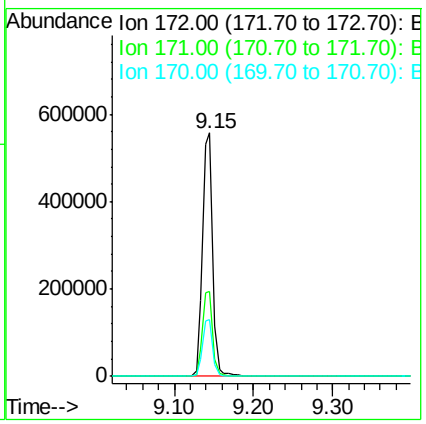


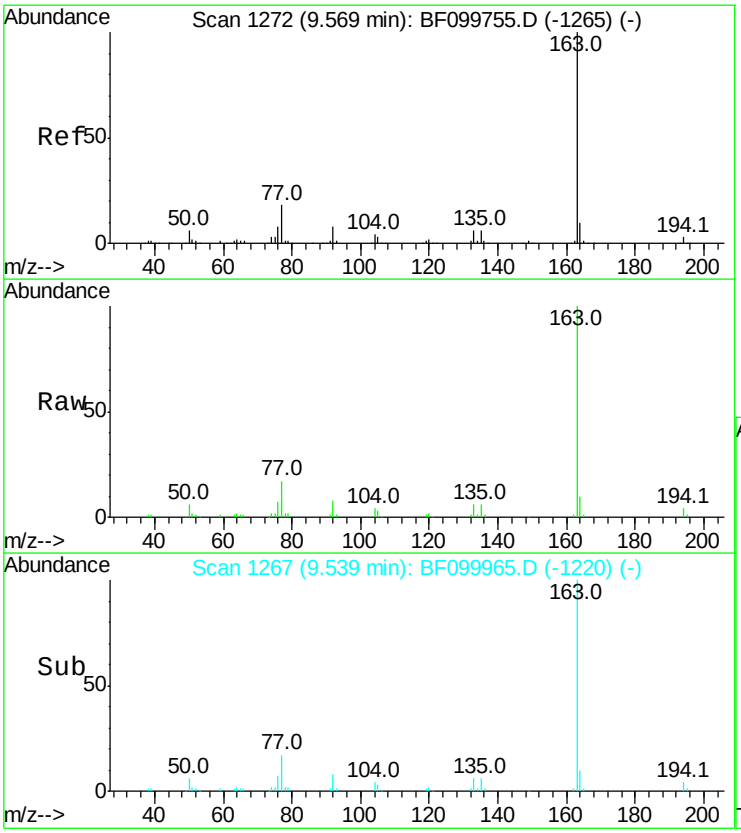
#44
2-Fluorobiphenyl
Concen: 43.177 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 510845

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.2	19.6	29.4

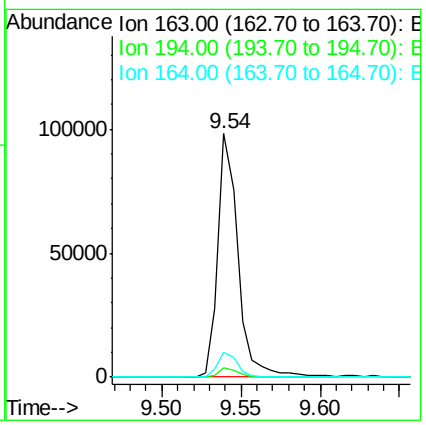


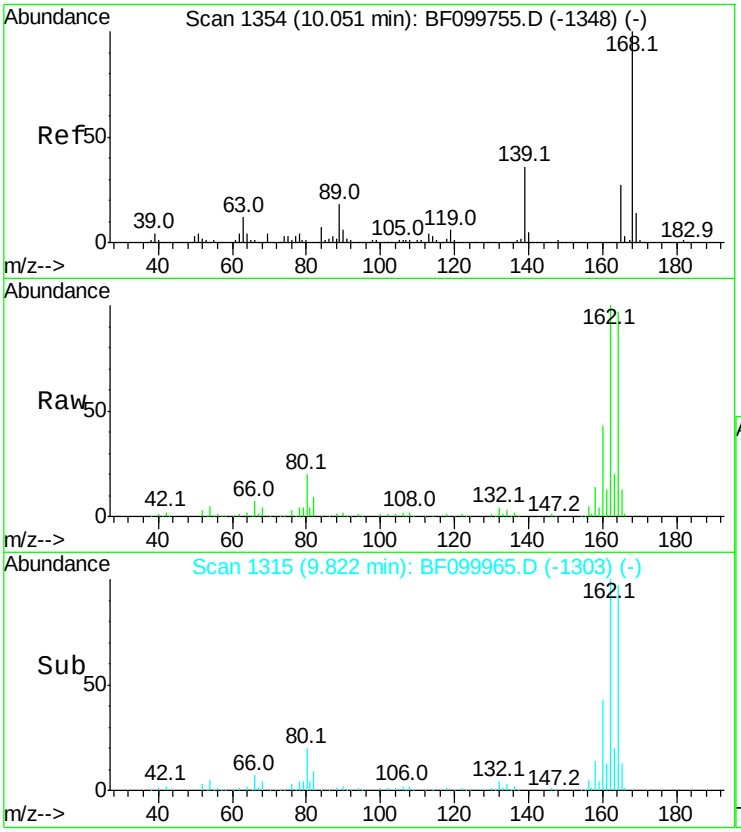


#49
Dimethylphthalate
Concen: 5.998 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion:163 Resp: 86701

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2



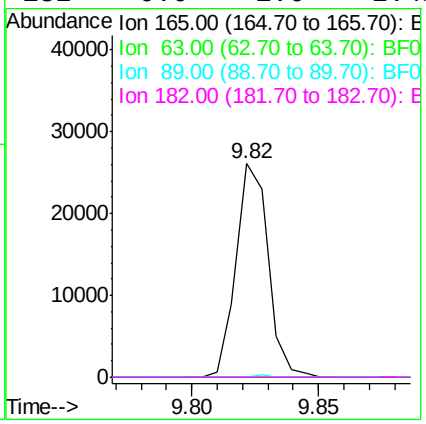


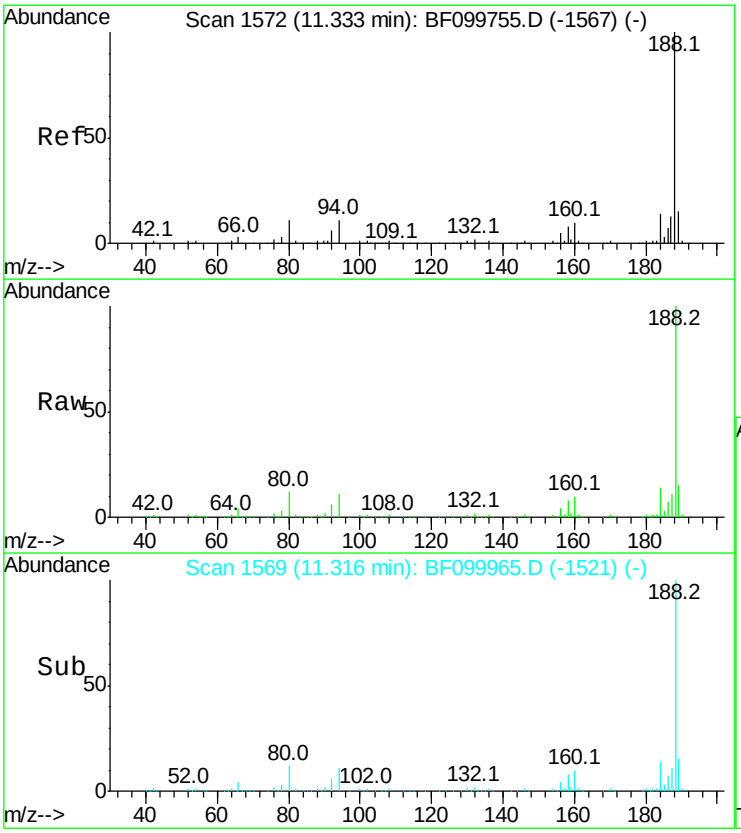
#56
2,4-Dinitrotoluene
Concen: 6.263 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22921

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#

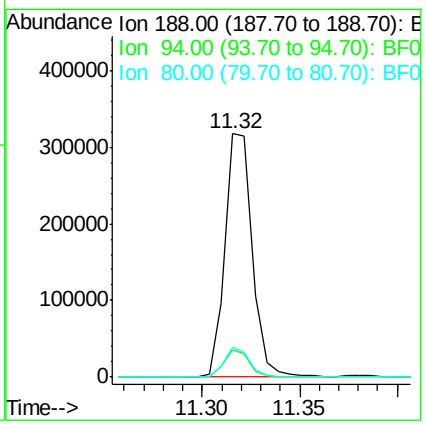


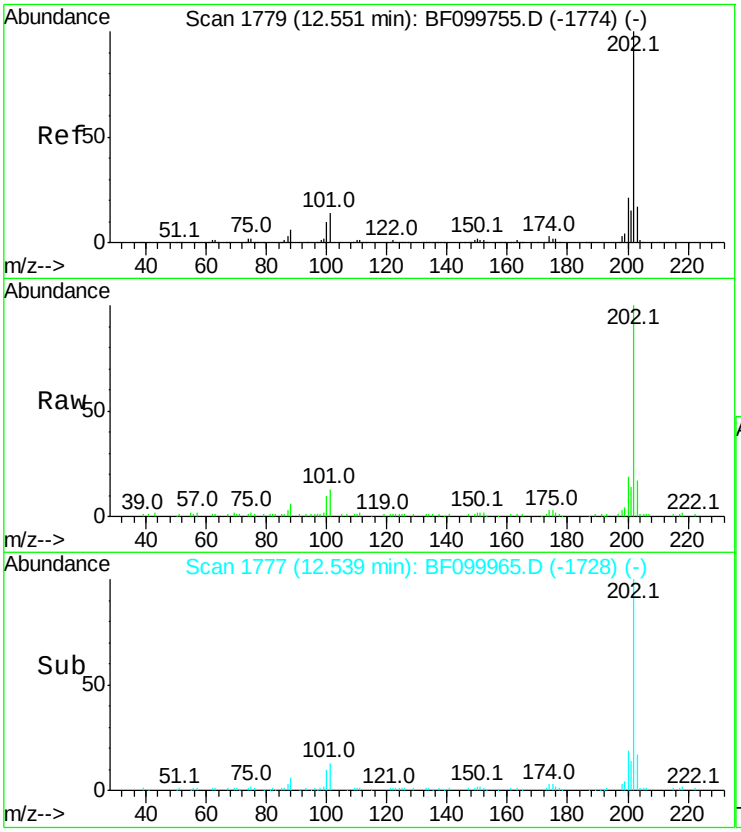


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion:188 Resp: 308635

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.3	9.2	13.8



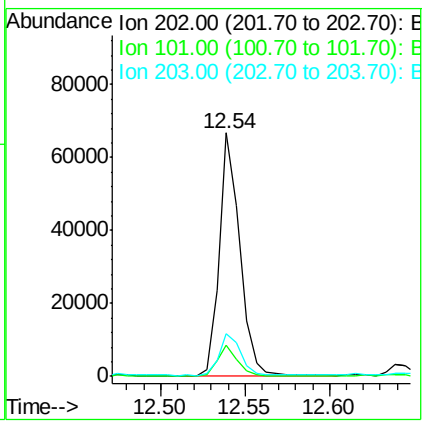


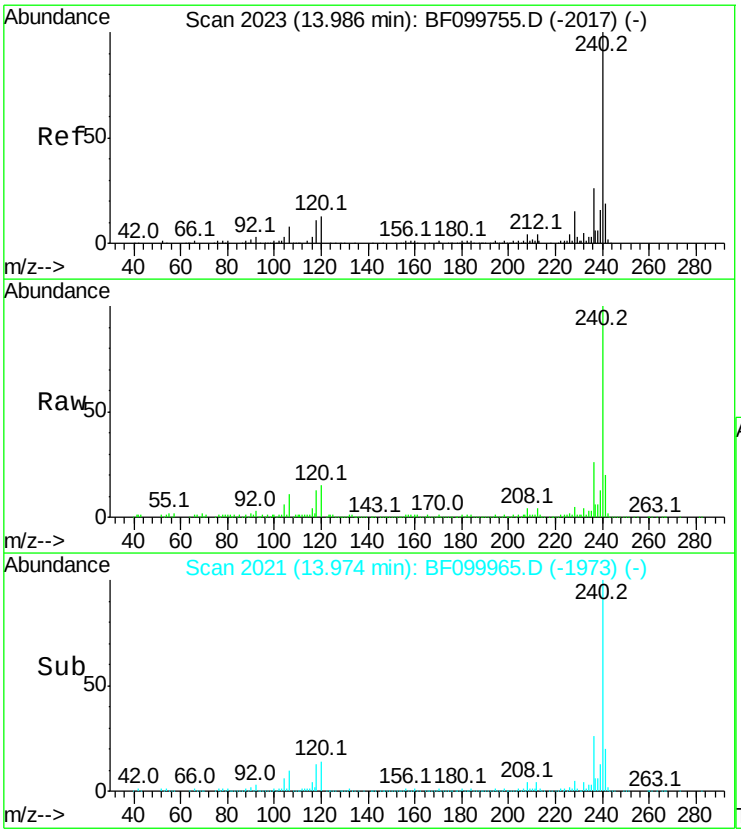
#74
Fluoranthene
Concen: 3.173 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 57439

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.3	0.0	38.1

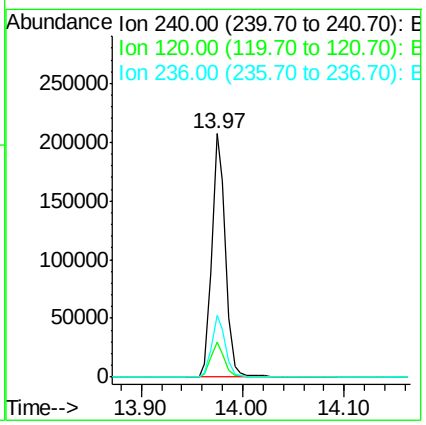


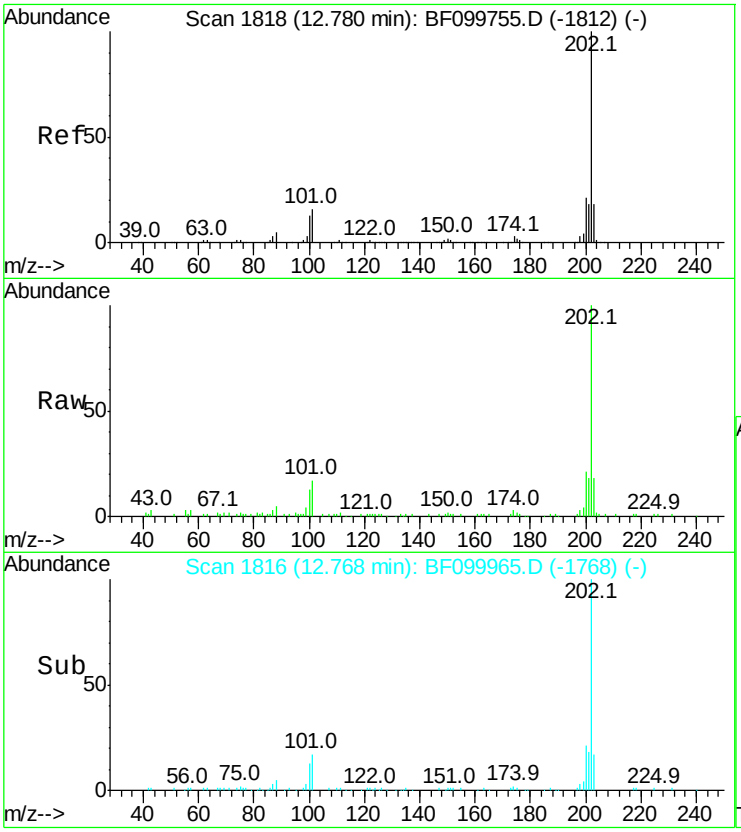


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion:240 Resp: 193780

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.5	20.7	31.1



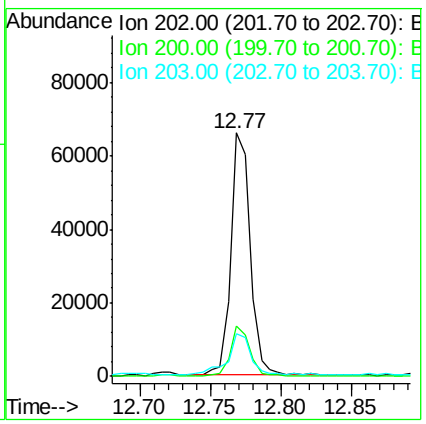


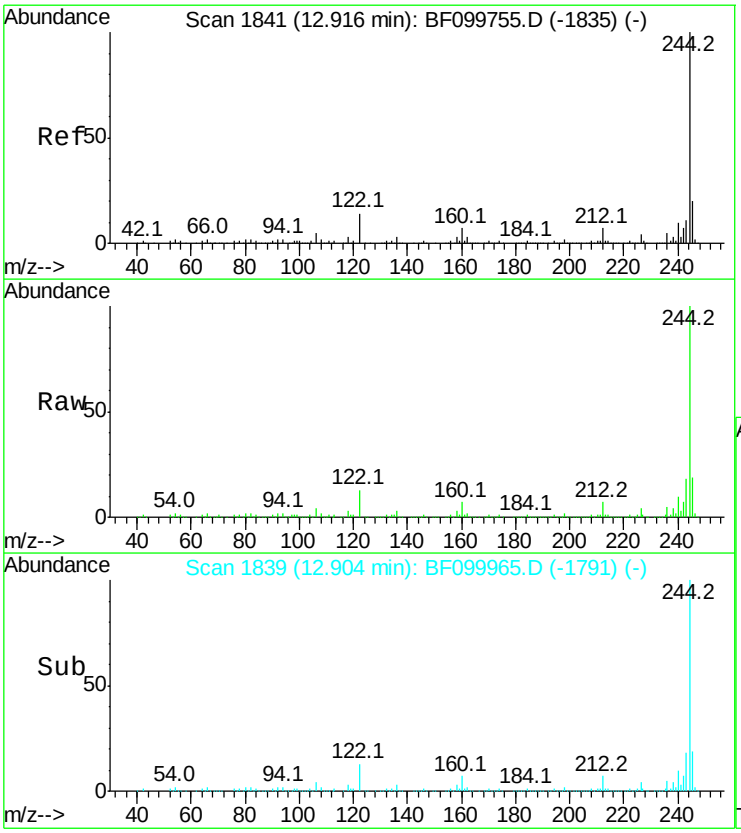
#77
Pyrene
Concen: 4.286 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 63148

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.6	14.3	21.5

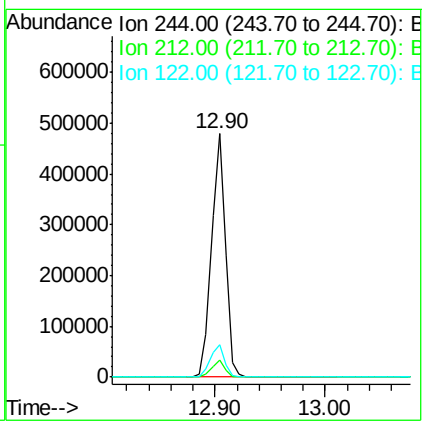


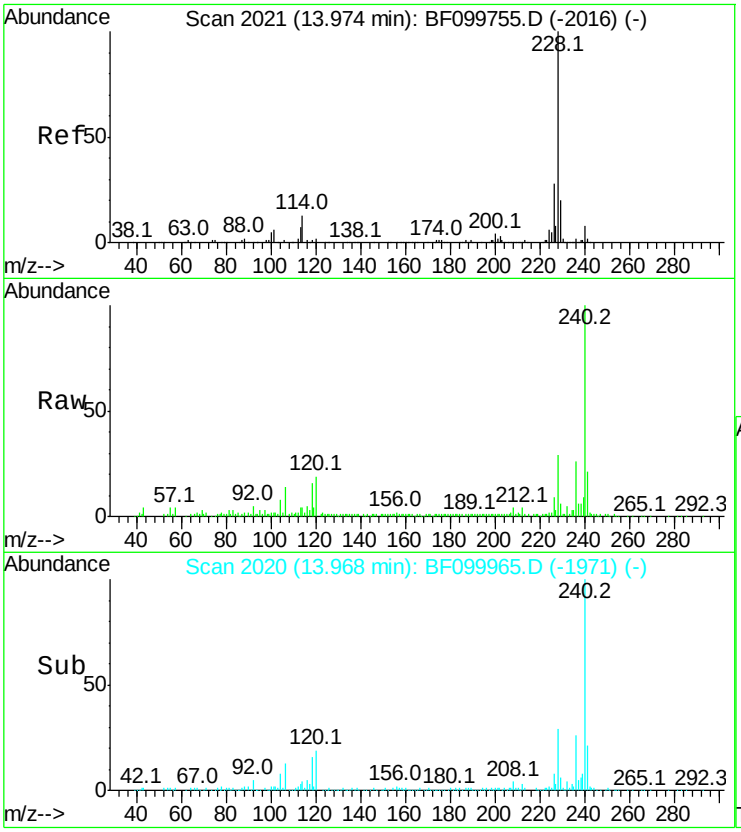


#78
Terphenyl-d14
Concen: 46.652 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.02 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion:244 Resp: 413674

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4



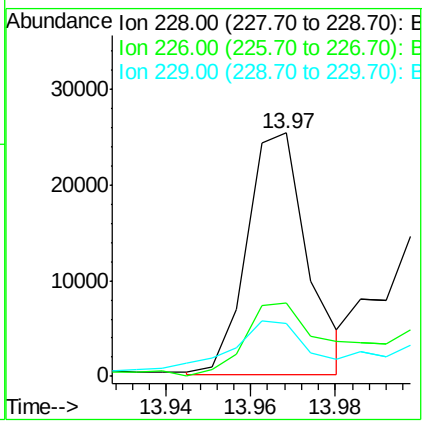


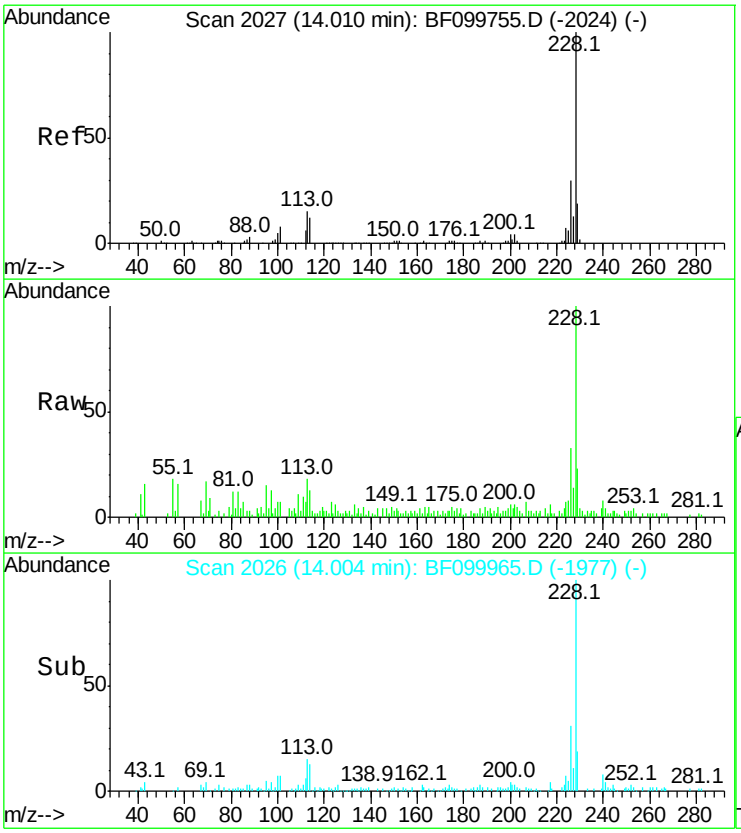
#80
Benzo(a)anthracene
Concen: 2.059 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 25297

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	21.6	15.8	23.6

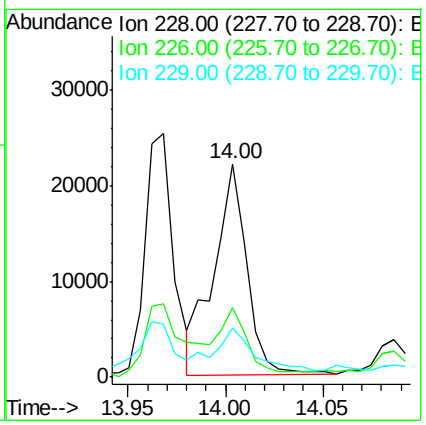


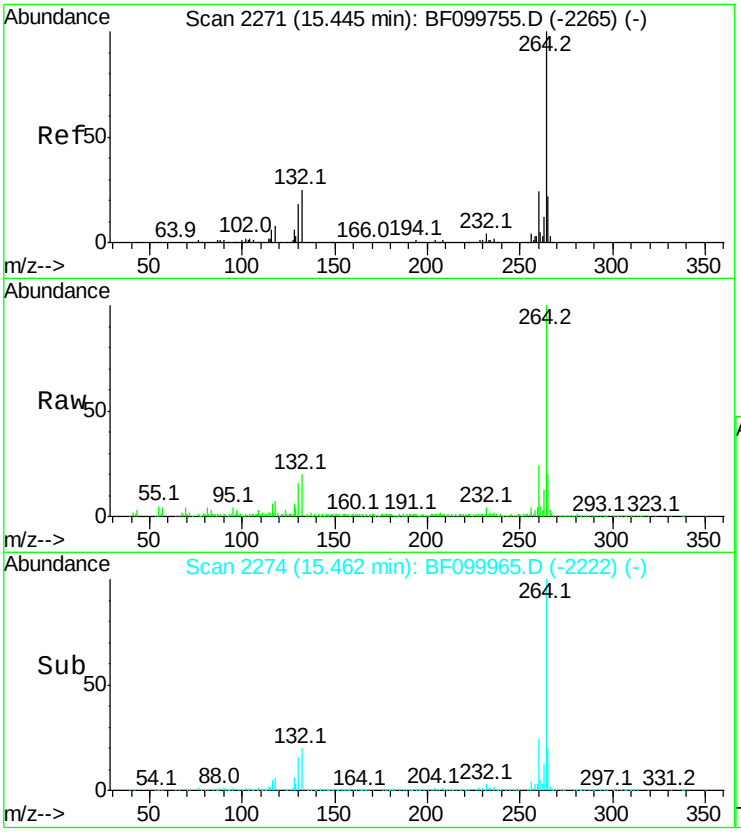


#82
Chrysene
Concen: 2.240 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion:228 Resp: 25864

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	22.7	16.2	24.4



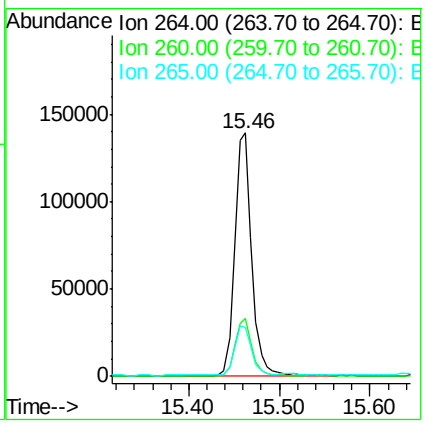


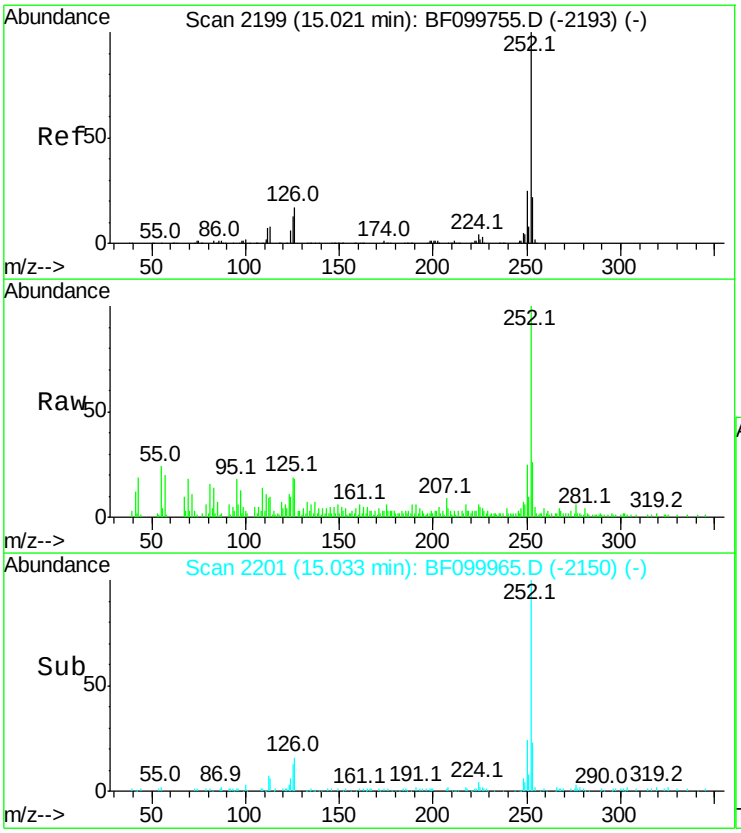
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 185315

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.4	17.5	26.3

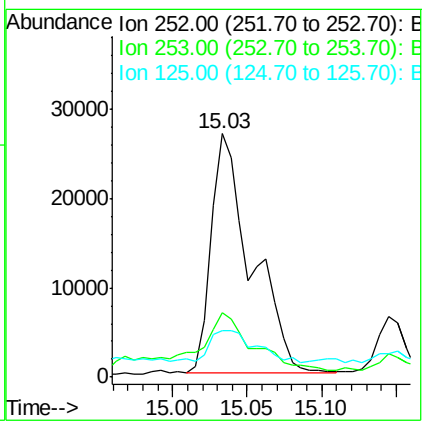


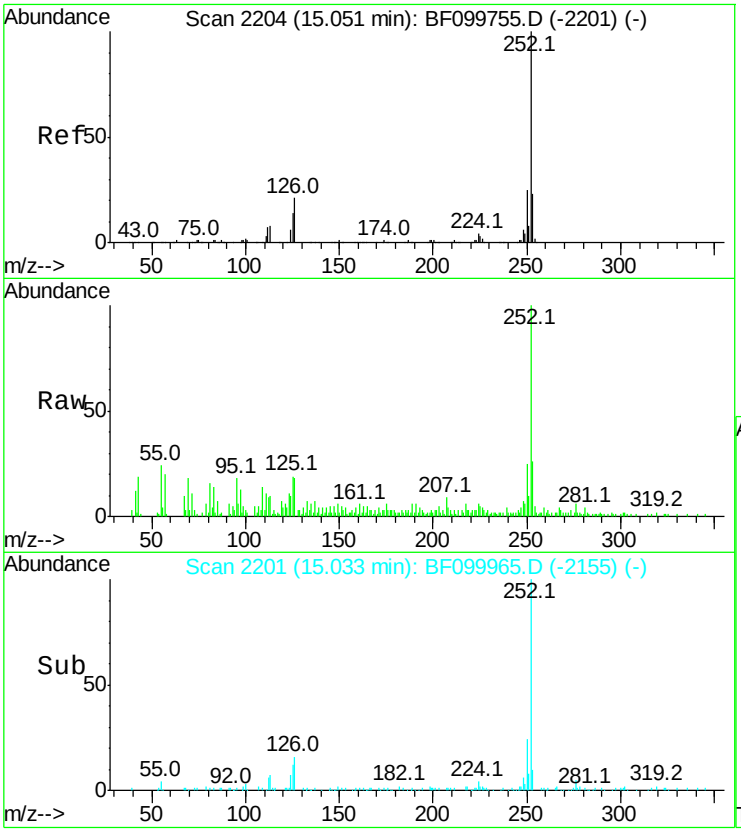


#87
Benzo(b)fluoranthene
Concen: 4.295 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion:252 Resp: 50261

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.0	25.6#
125	18.9	9.0	13.6#



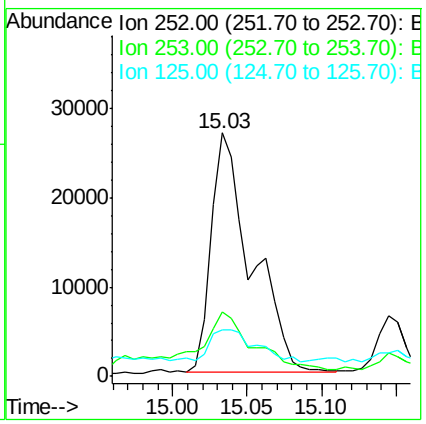


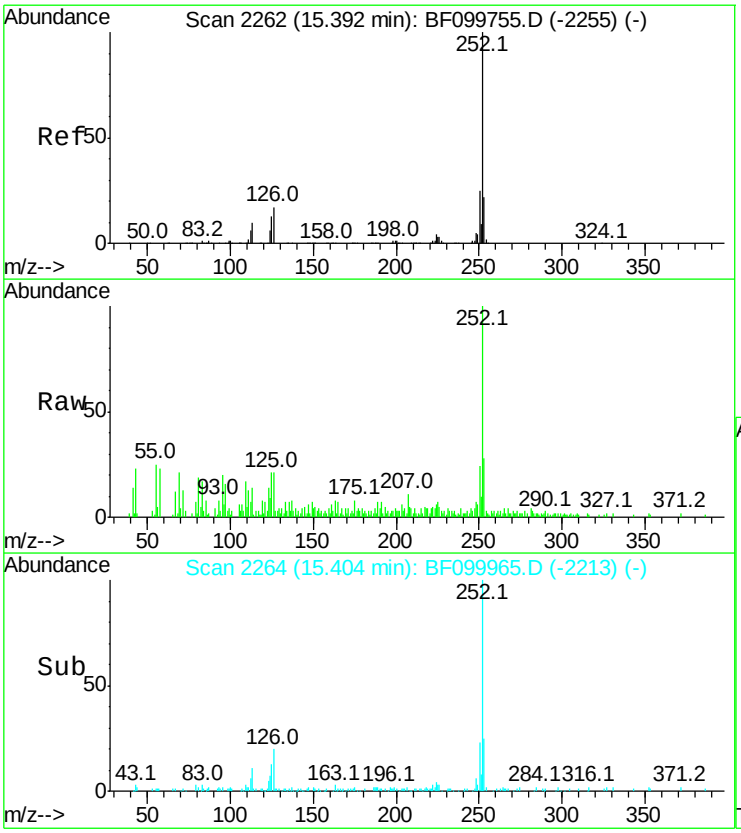
#88
Benzo(k)fluoranthene
Concen: 4.555 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50261

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	18.9	10.2	15.2#

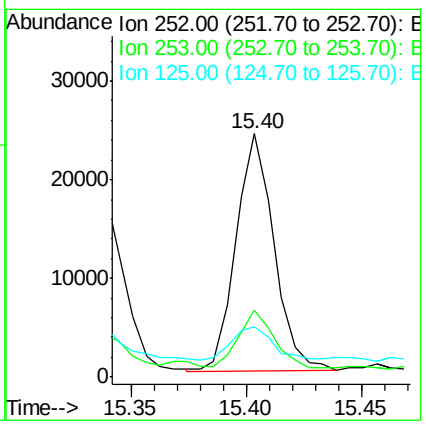


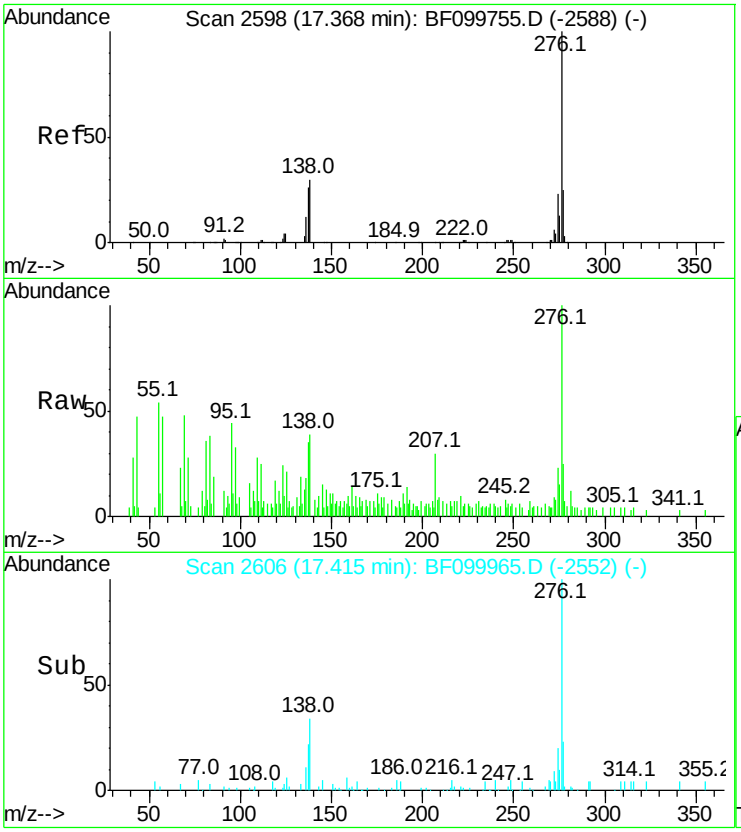


#89
Benzo(a)pyrene
Concen: 2.627 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Tgt Ion:252 Resp: 27618

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.1	25.7#
125	20.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.199 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.02 min
Lab File: BF099965.D
Acq: 30 Oct 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 20094

Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	38.8	21.8	32.8#