Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100089.D
Acq On : 2 Nov 2017 17:12
Operator : SJ/JU
Sample : I6233-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 02 18:56:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	85720	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	347436	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	155050	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	257285	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	163177	20.00	ng		-0.02
86) Perylene-d12	15.41	264	155600	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	579473	106.13	ng		0.00
7) Phenol-d6	6.42	99	681632	105.29	ng		-0.01
23) Nitrobenzene-d5	7.34	82	381522	70.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	144903	102.55	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	708789	70.53	ng		0.00
78) Terphenyl-d14	12.88	244	513302	68.74	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.55	77	10036	2.594	ng		88
10) Phenol	6.43	94	15222	2.142	ng	#	63
19) n-Nitroso-di-n-propylamine	7.34	70	46994	12.387	ng	#	72
25) Isophorone	7.34	82	381522	38.960	ng	#	64
49) Dimethylphthalate	9.52	163	122416	9.970	ng		99
56) 2,4-Dinitrotoluene	9.80	165	19453	6.258	ng	#	21
62) Azobenzene	10.52	77	44357	4.413	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	9525	3.517	ng	#	1
74) Fluoranthene	12.52	202	40592	2.690	ng		95
77) Pyrene	12.75	202	33819	2.726	ng		97
83) Bis(2-ethylhexyl)phthalate	13.90	149	20659	2.408	ng		100
87) Benzo(b)fluoranthene	14.99	252	25228	2.568	ng	#	94
88) Benzo(k)fluoranthene	14.99	252	25228	2.723	ng	#	93

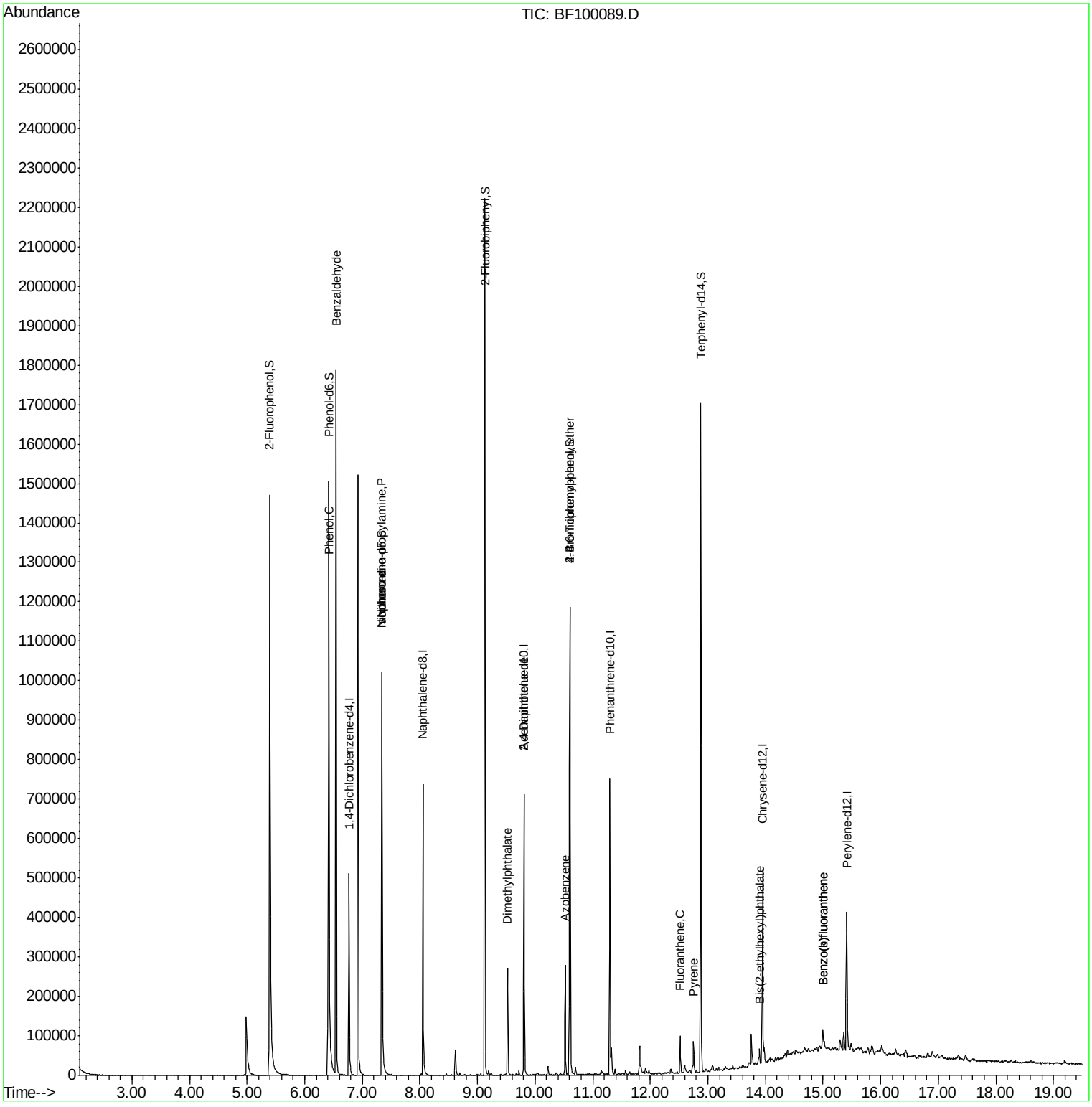
(#) = qualifier out of range (m) = manual integration (+) = signals summed

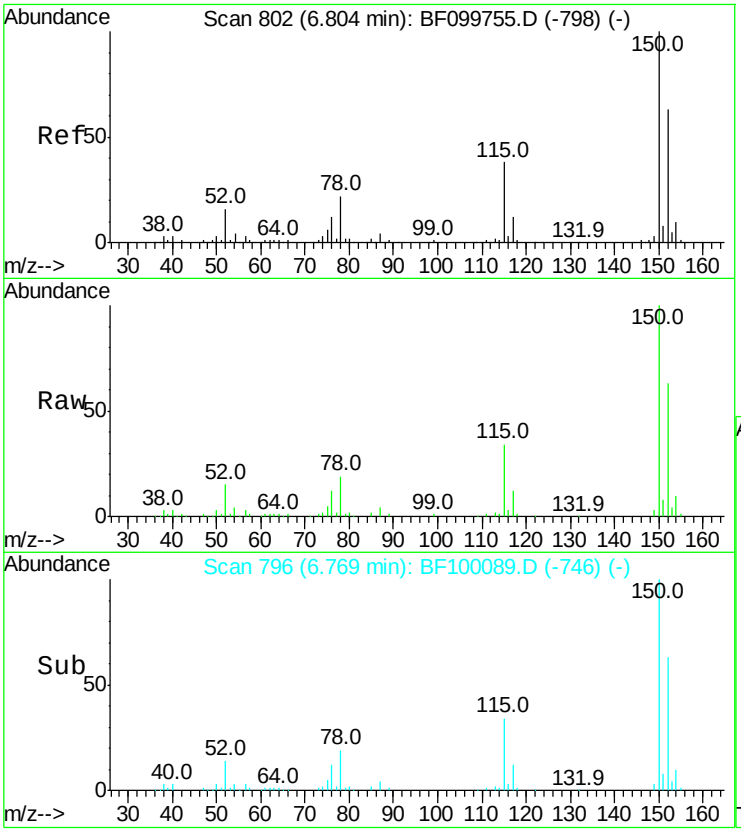
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100089.D
Acq On : 2 Nov 2017 17:12
Operator : SJ/JU
Sample : I6233-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 02 18:56:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration



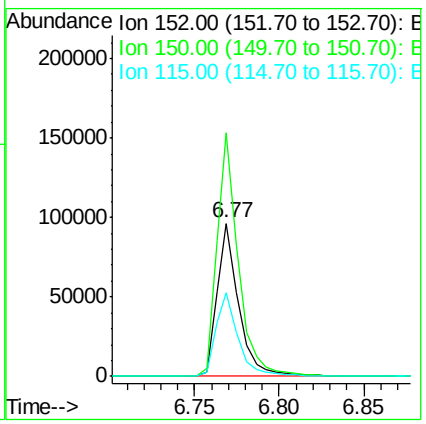


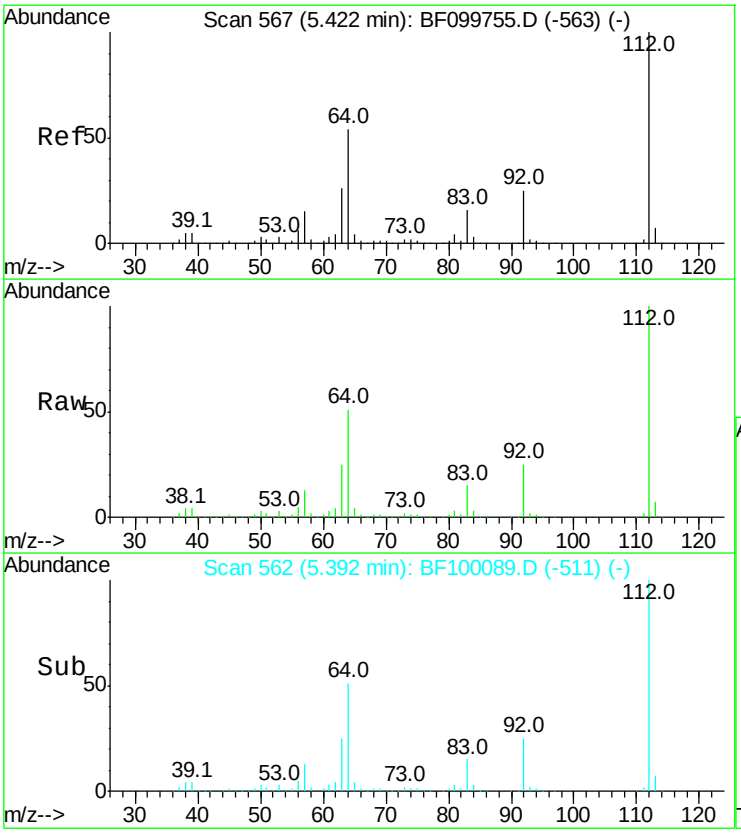
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 85720

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	54.6	50.1	75.1

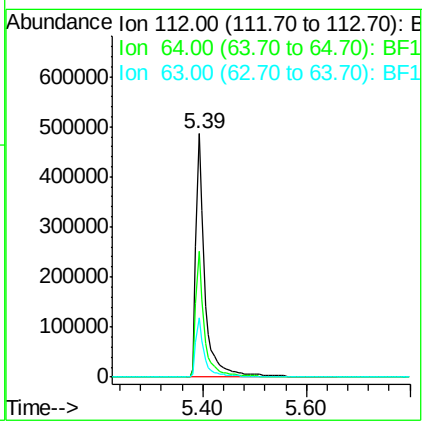


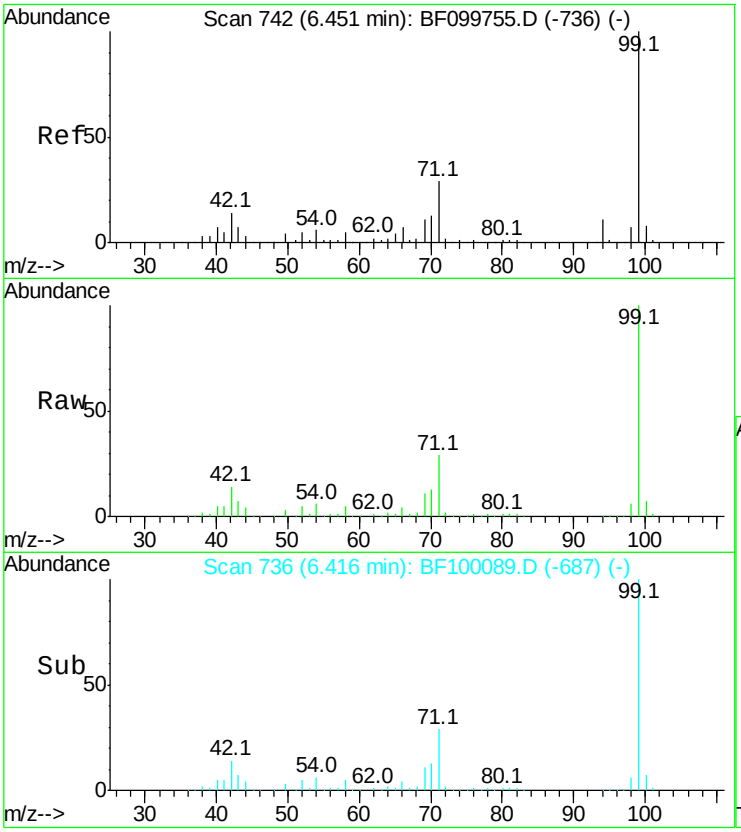


#5
2-Fluorophenol
Concen: 106.131 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion:112 Resp: 579473

Ion	Ratio	Lower	Upper
112	100		
64	51.5	47.9	71.9
63	24.5	23.7	35.5



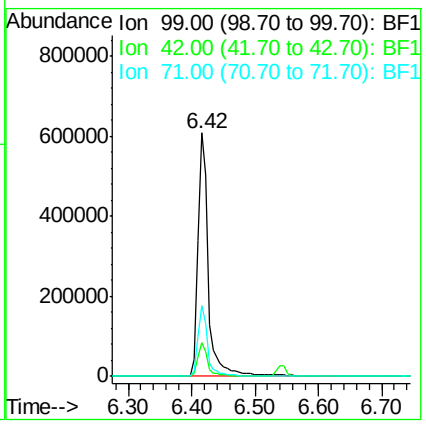


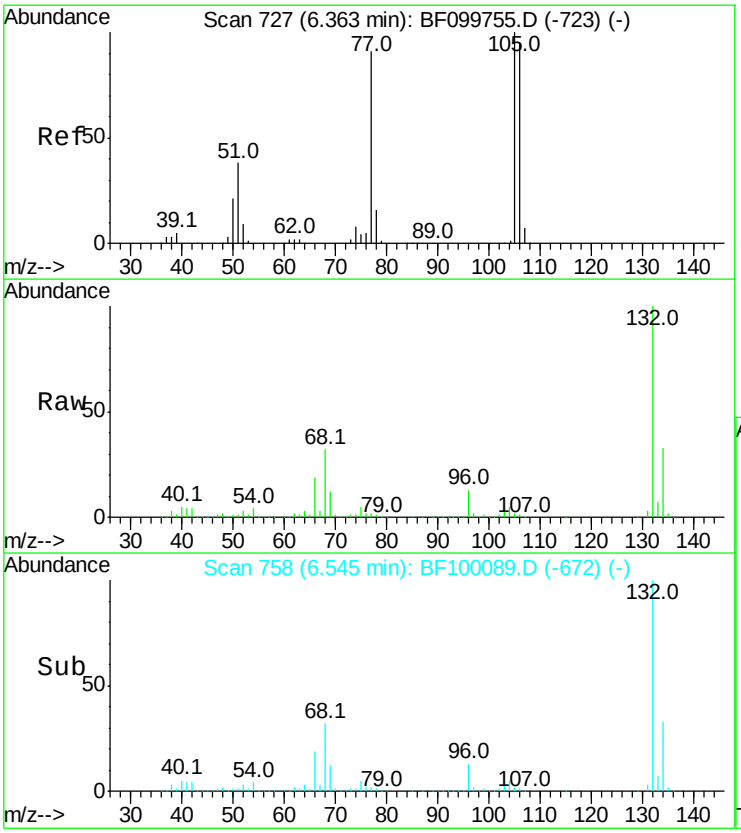
#7
Phenol-d6
Concen: 105.287 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 681632

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.5	21.7#
71	29.1	25.4	38.0

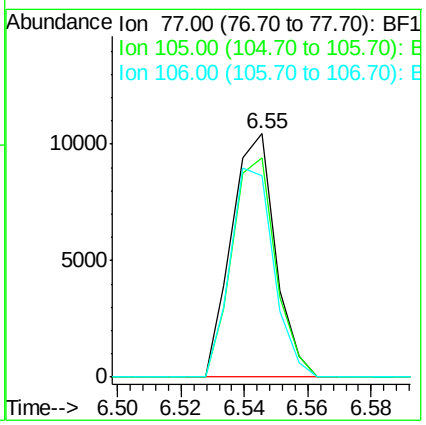


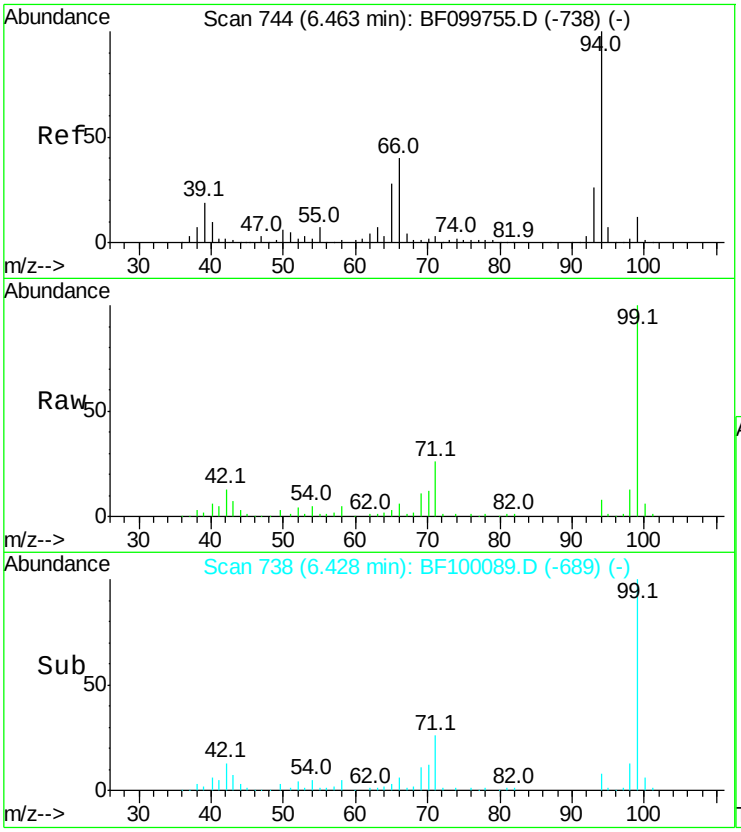


#9
Benzaldehyde
Concen: 2.594 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.21 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion: 77 Resp: 10036

Ion	Ratio	Lower	Upper
77	100		
105	89.9	81.1	121.1
106	82.5	74.5	114.5



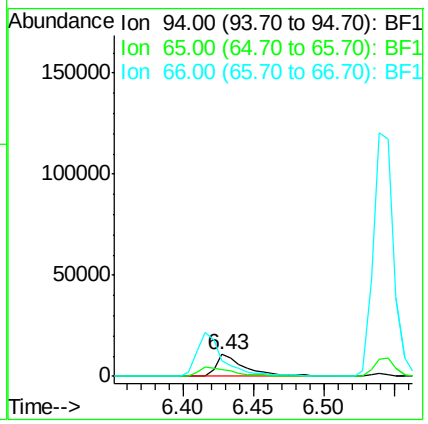


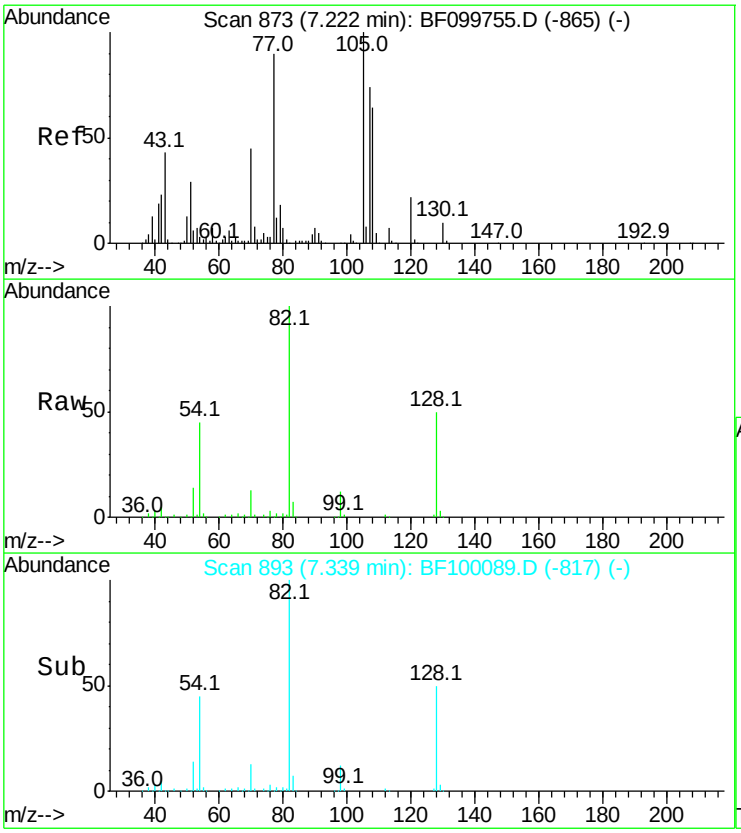
#10
Phenol
Concen: 2.142 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 15222

Ion	Ratio	Lower	Upper
94	100		
65	33.0	7.9	47.9
66	70.5	16.2	56.2#

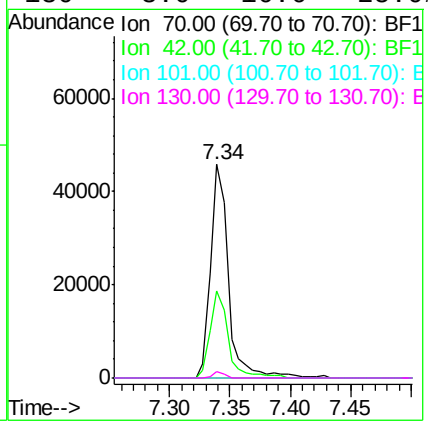


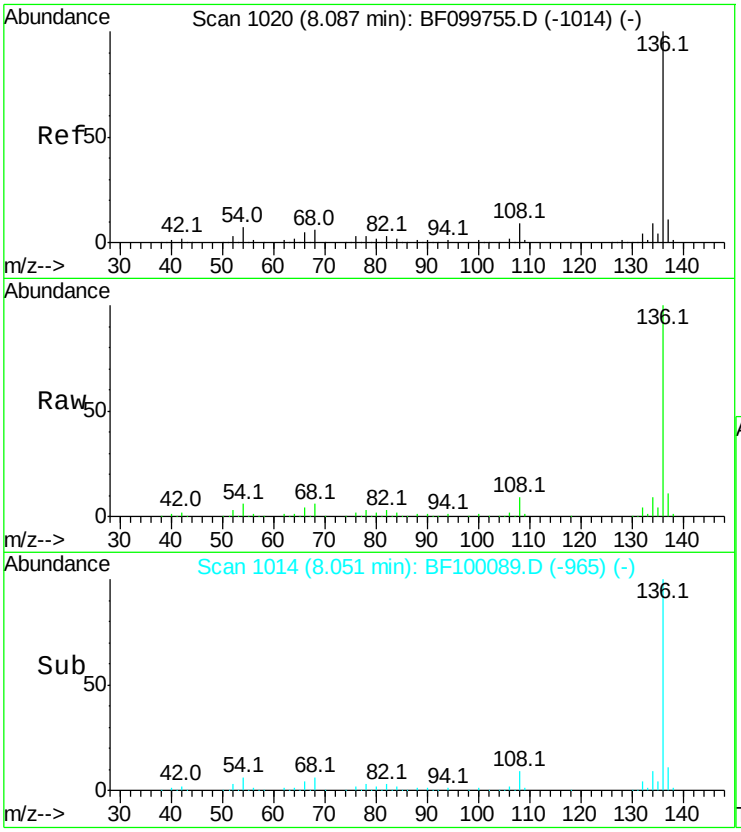


#19
n-Nitroso-di-n-propylamine
Concen: 12.387 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion: 70 Resp: 46994

Ion	Ratio	Lower	Upper
70	100		
42	41.0	47.5	71.3#
101	0.0	7.4	11.2#
130	3.0	16.6	25.0#



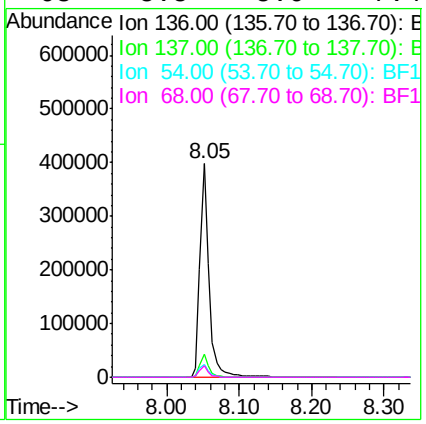


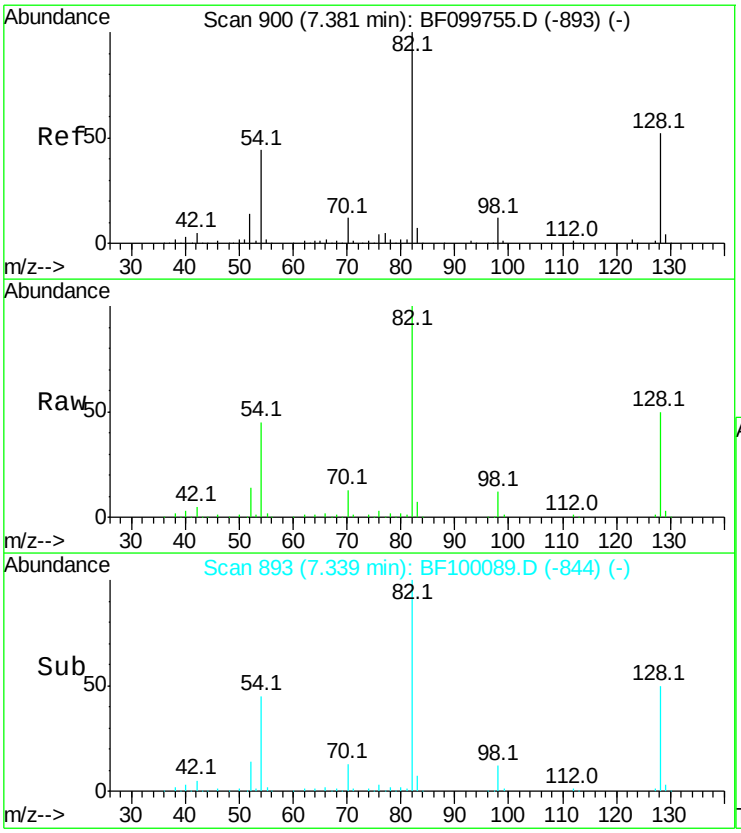
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 347436

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4

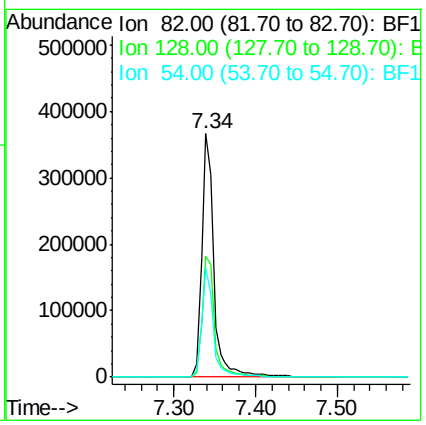


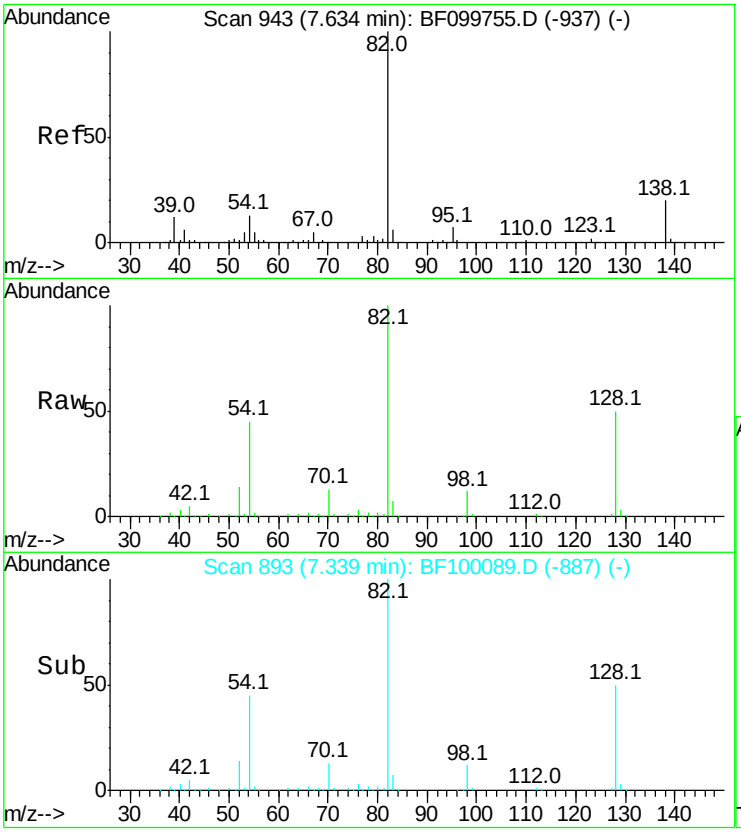


#23
Nitrobenzene-d5
Concen: 70.697 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion: 82 Resp: 381522

Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	44.9	41.4	62.2



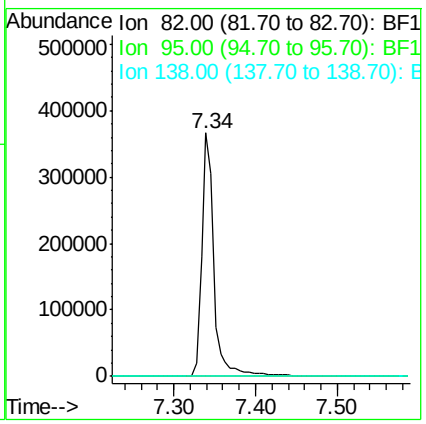


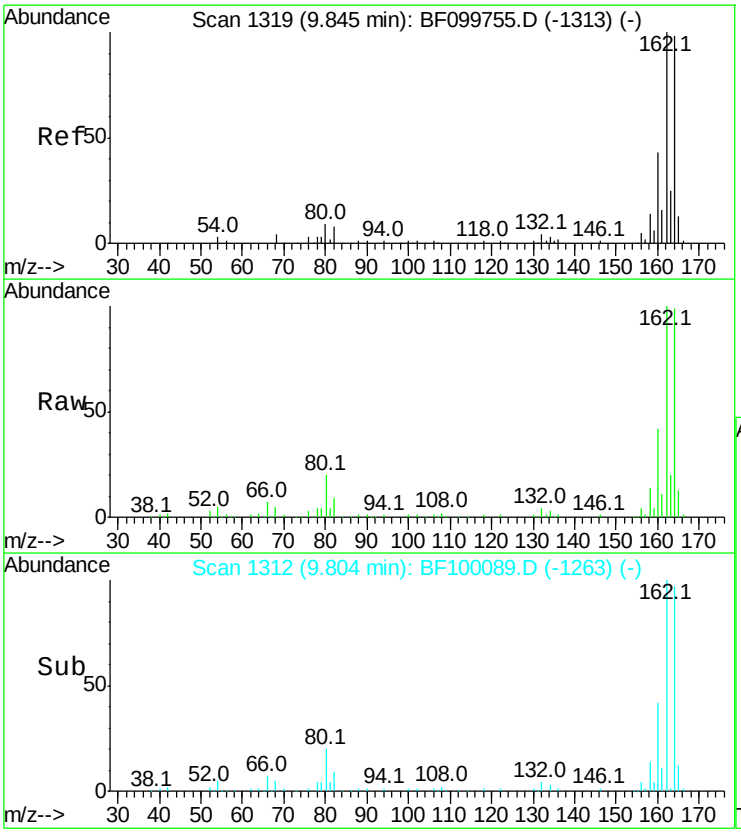
#25
Isophorone
Concen: 38.960 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 381522

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

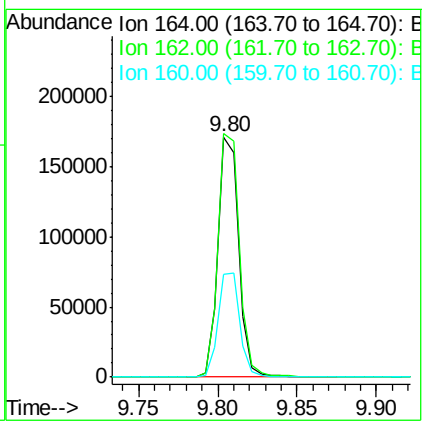


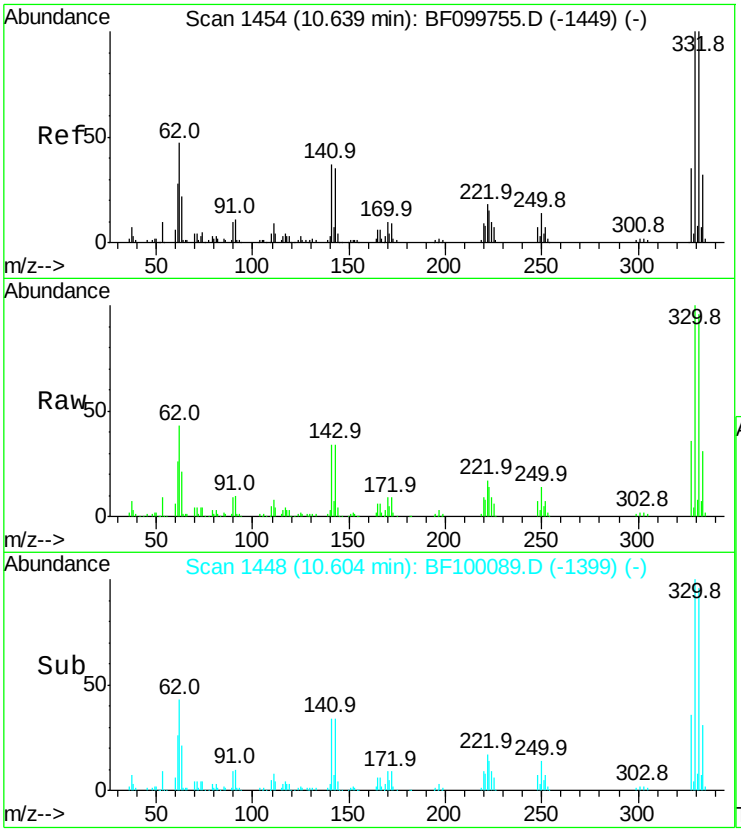


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion:164 Resp: 155050

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	42.9	38.3	57.5



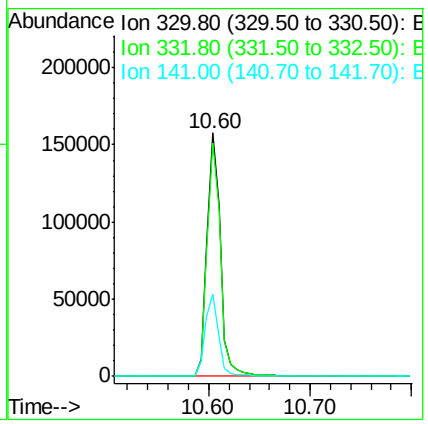


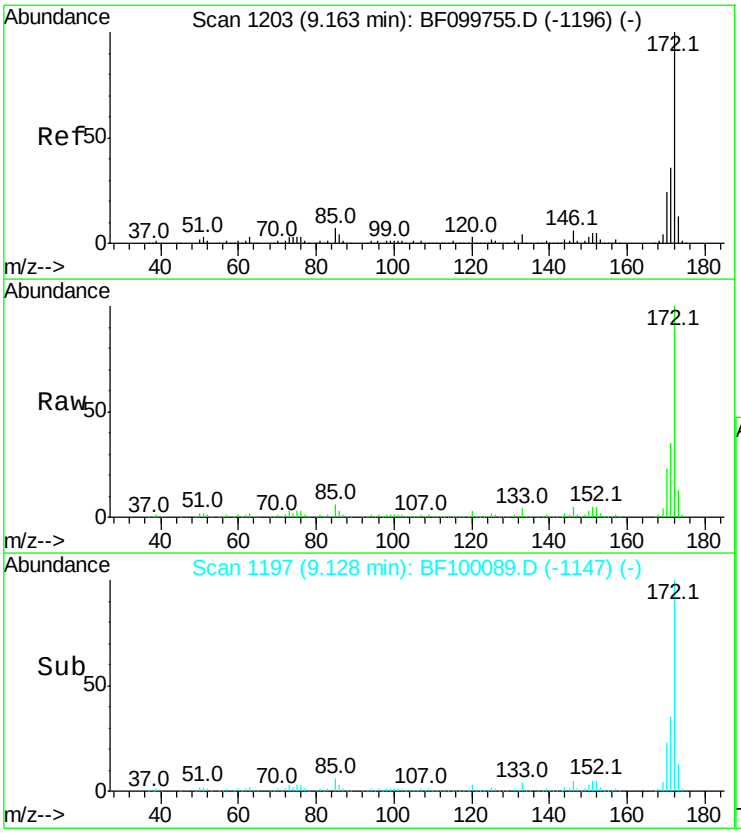
#41
2,4,6-Tribromophenol
Concen: 102.550 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 144903

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.9	29.9	44.9

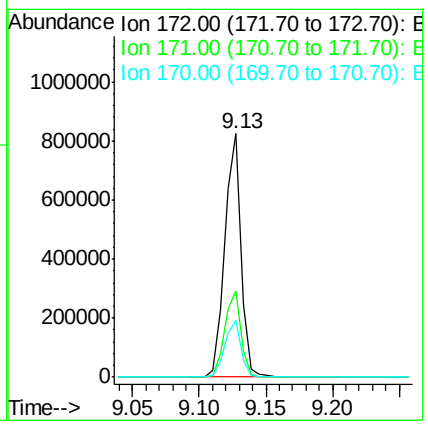


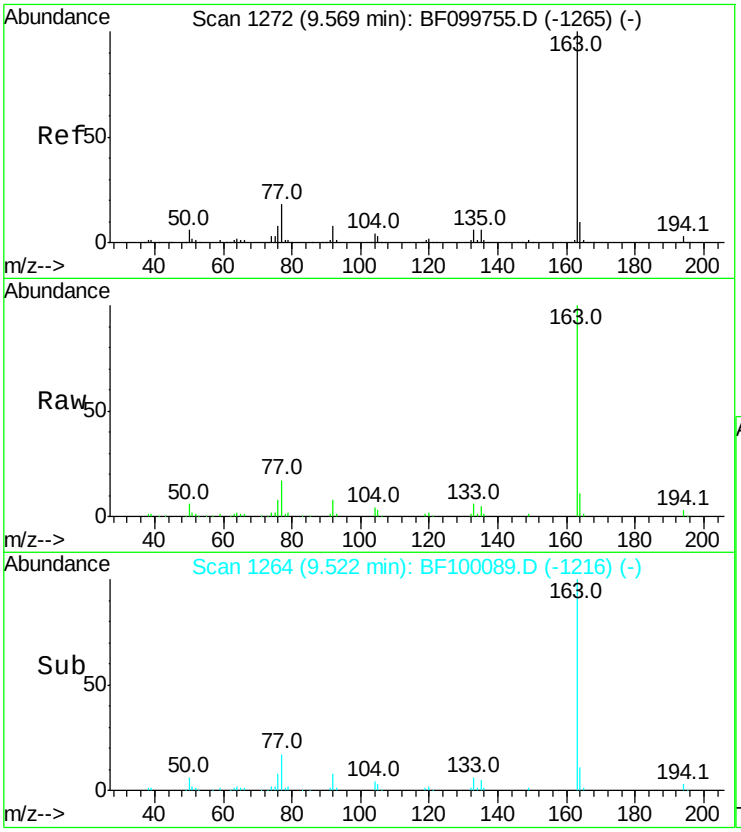


#44
2-Fluorobiphenyl
Concen: 70.529 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion:172 Resp: 708789

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.4	19.6	29.4



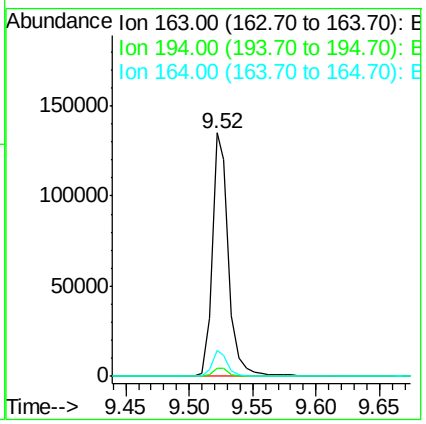


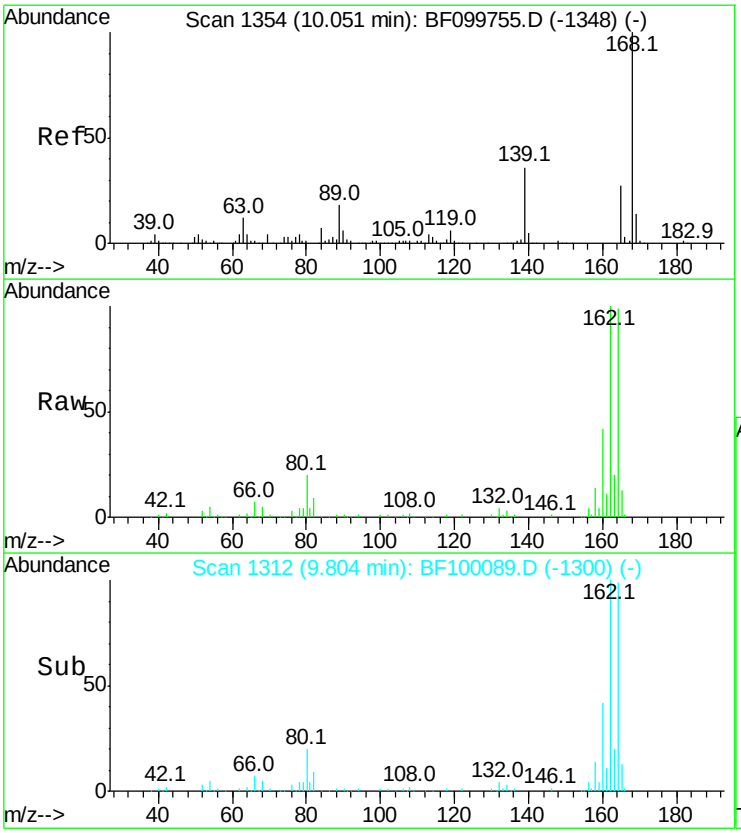
#49
Dimethylphthalate
Concen: 9.970 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 122416

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.5	8.2	12.2

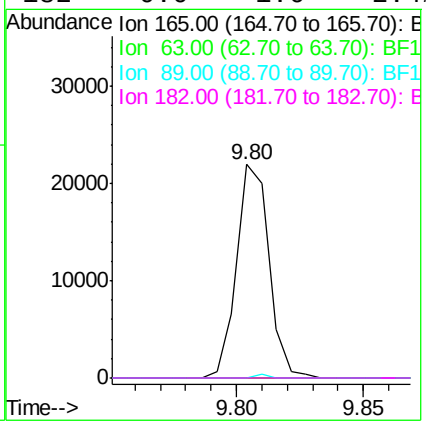


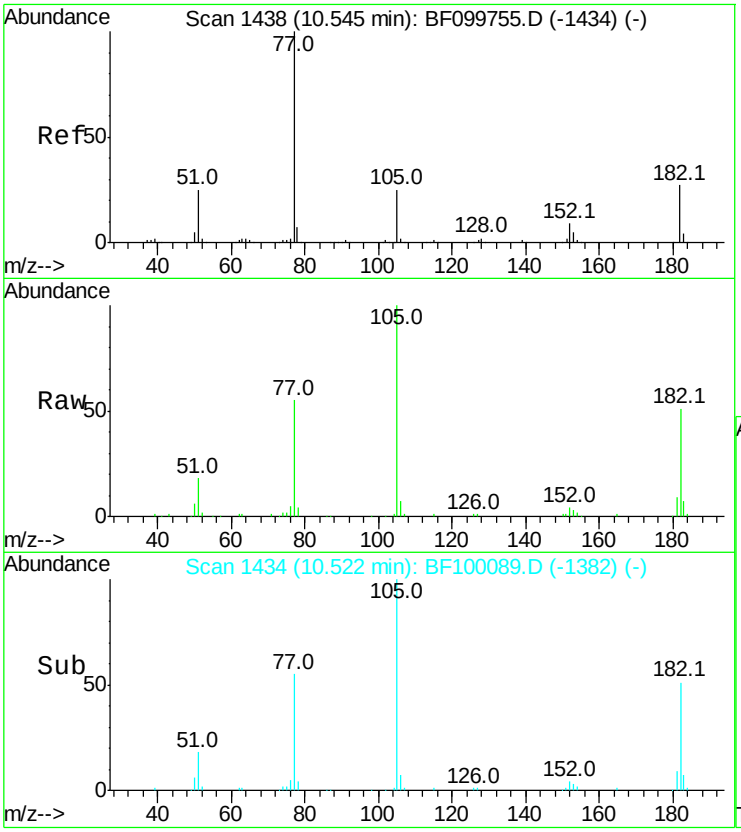


#56
2,4-Dinitrotoluene
Concen: 6.258 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.23 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion:165 Resp: 19453

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#



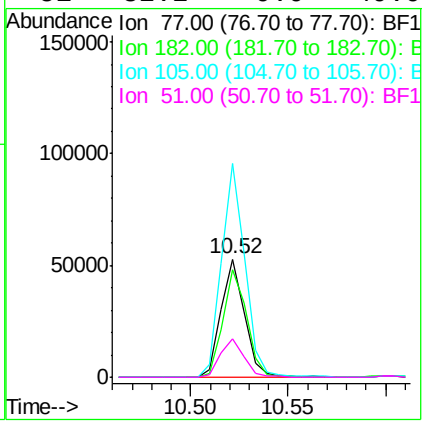


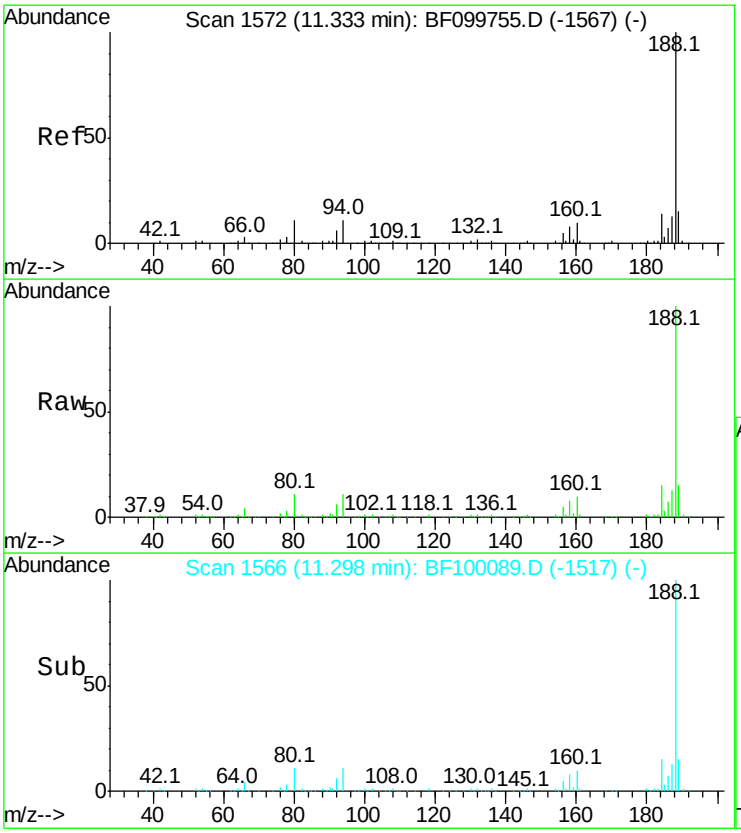
#62
Azobenzene
Concen: 4.413 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 44357

Ion	Ratio	Lower	Upper
77	100		
182	91.5	1.7	41.7#
105	180.7	3.0	43.0#
51	32.2	9.9	49.9

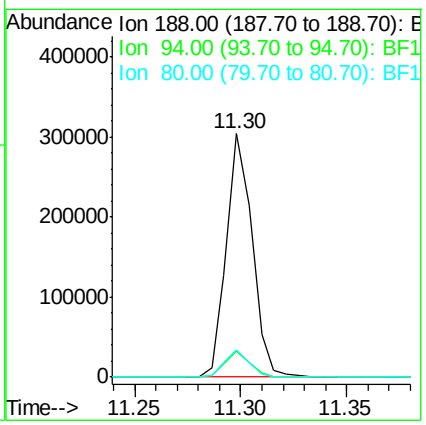


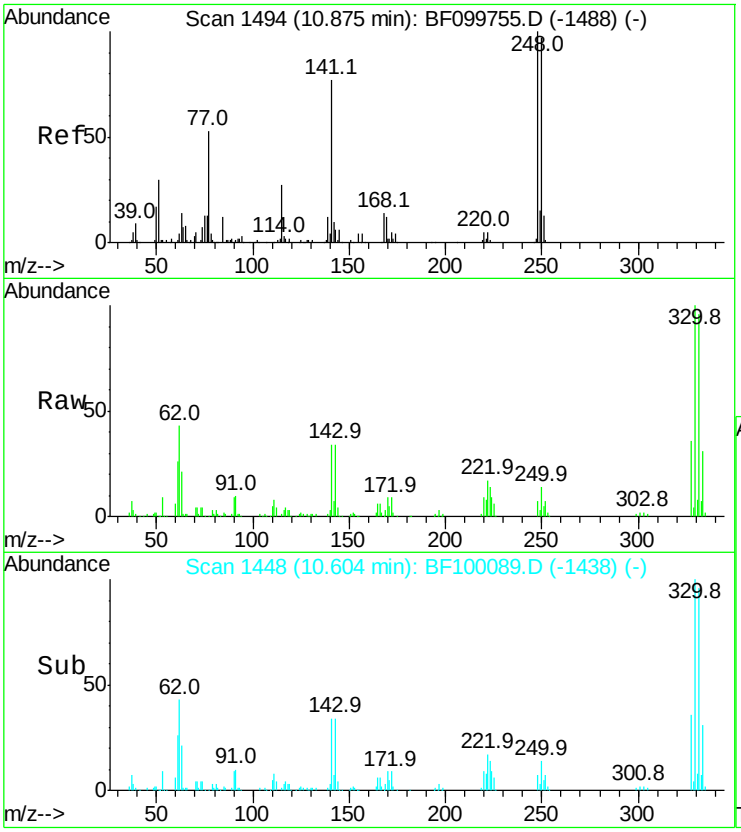


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion:188 Resp: 257285

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.3	9.2	13.8



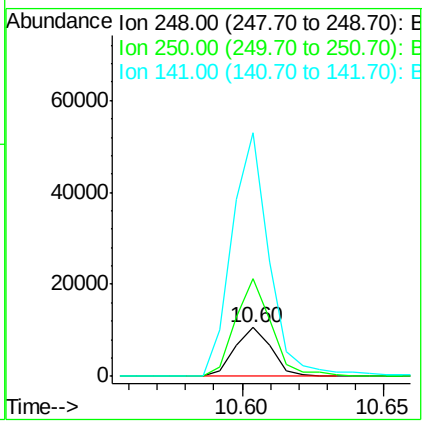


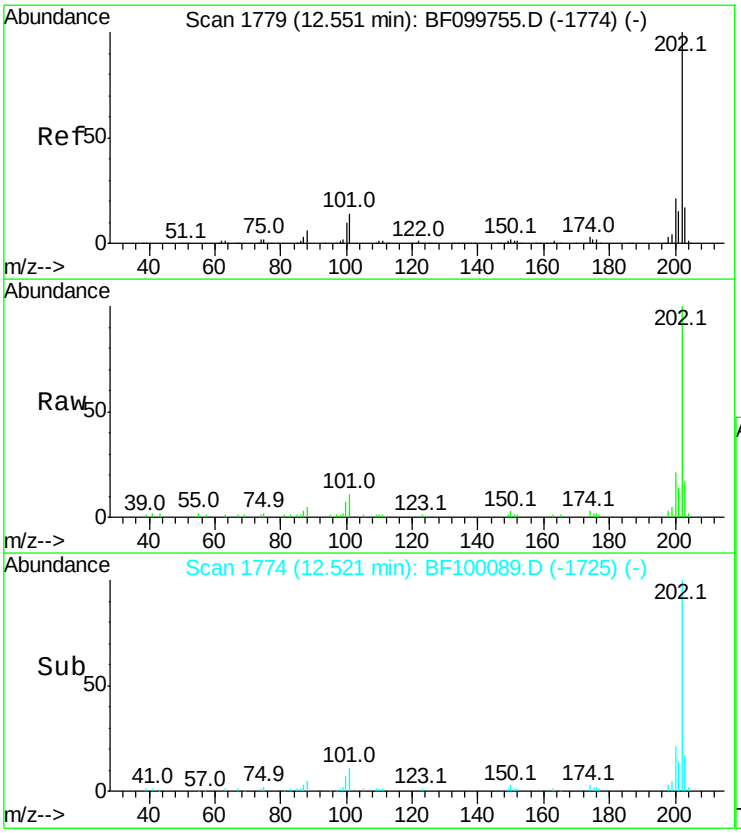
#66
4-Bromophenyl-phenylether
Concen: 3.517 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.24 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9525

Ion	Ratio	Lower	Upper
248	100		
250	202.2	76.9	115.3#
141	502.1	74.4	111.6#

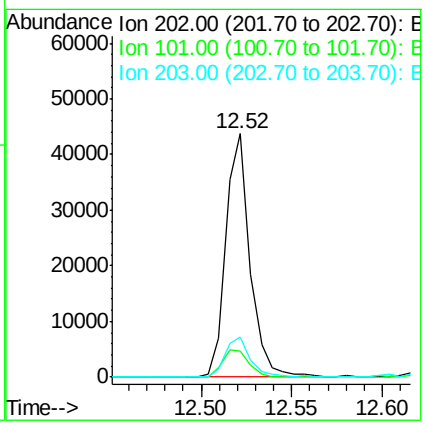


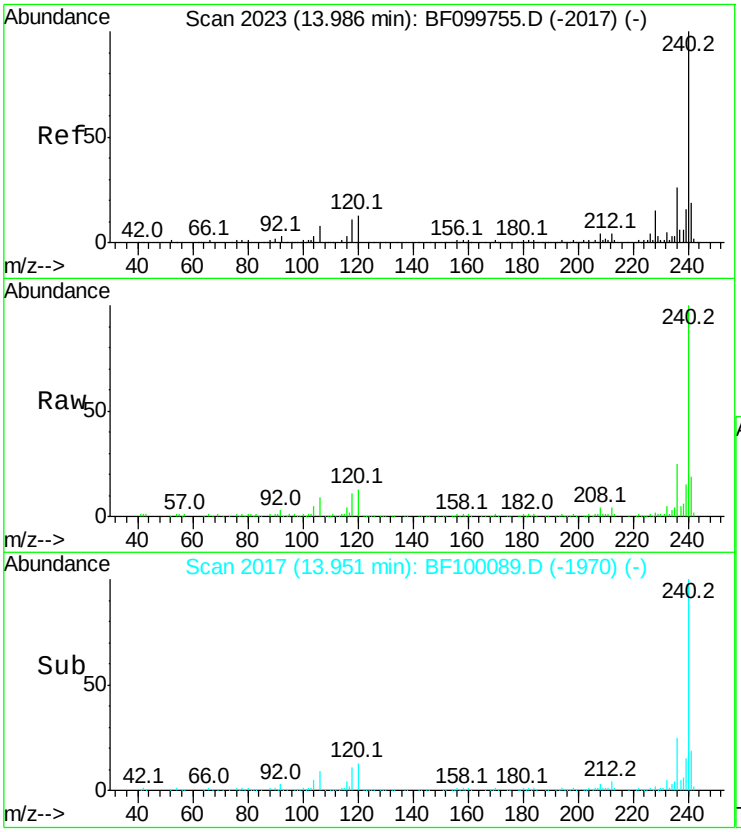


#74
Fluoranthene
Concen: 2.690 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion:202 Resp: 40592

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	16.5	0.0	38.1



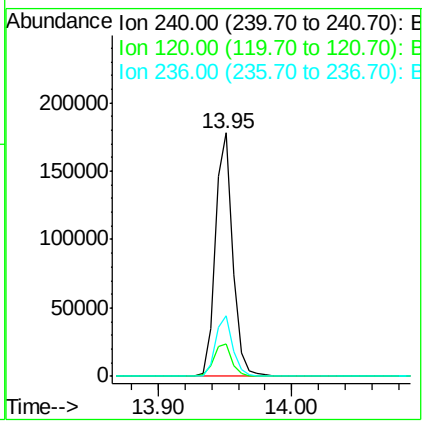


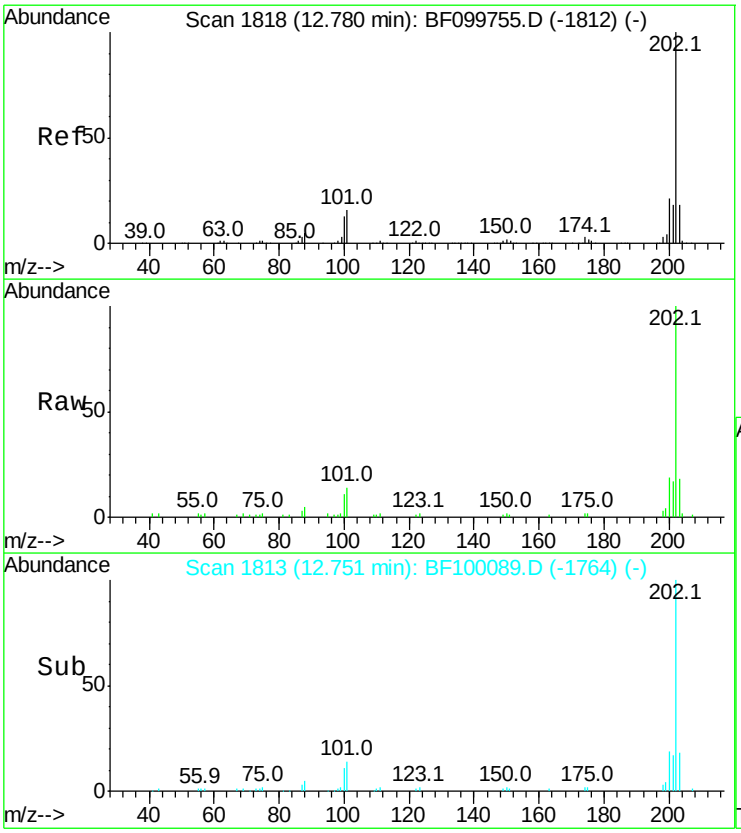
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 163177

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.1	20.7	31.1

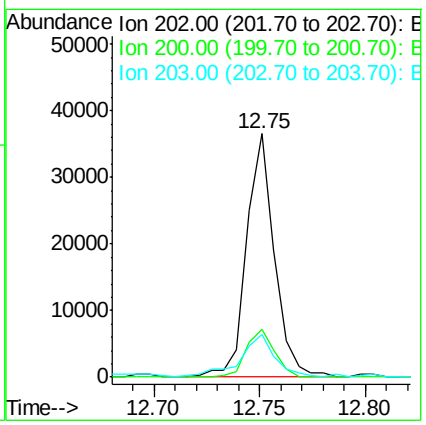


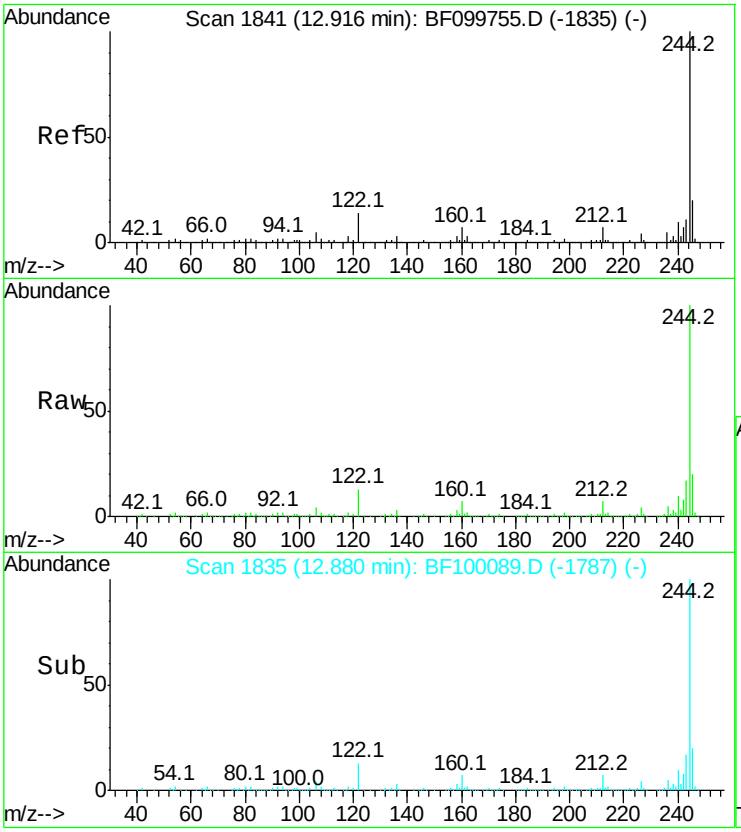


#77
Pyrene
Concen: 2.726 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion:202 Resp: 33819

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.4	26.2
203	17.7	14.3	21.5



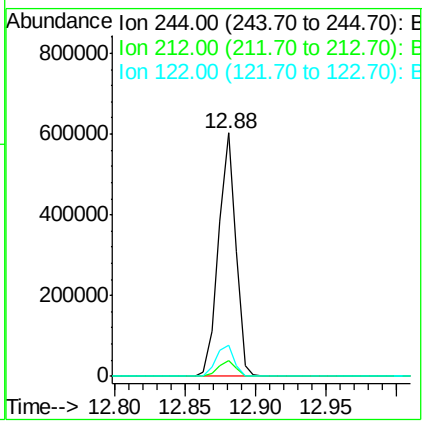


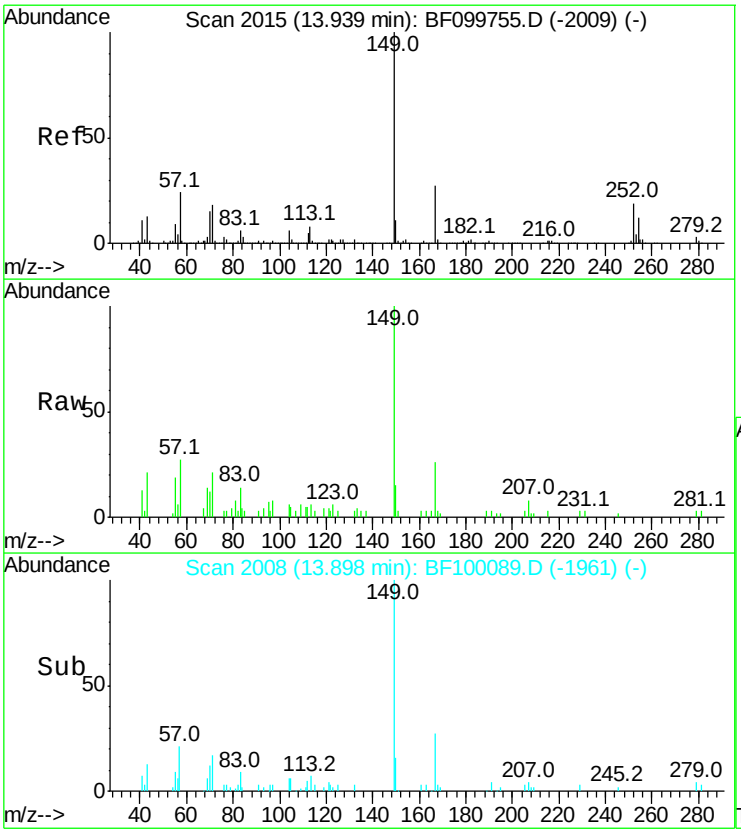
#78
Terphenyl-d14
Concen: 68.745 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 513302

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.0	11.0	16.4

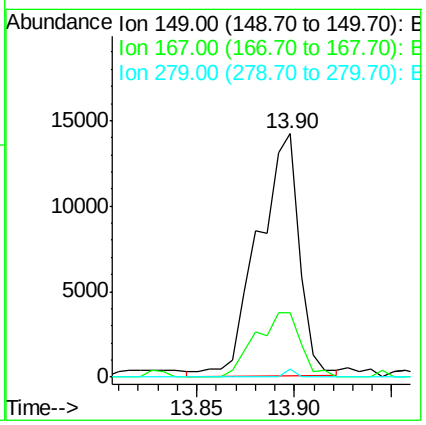


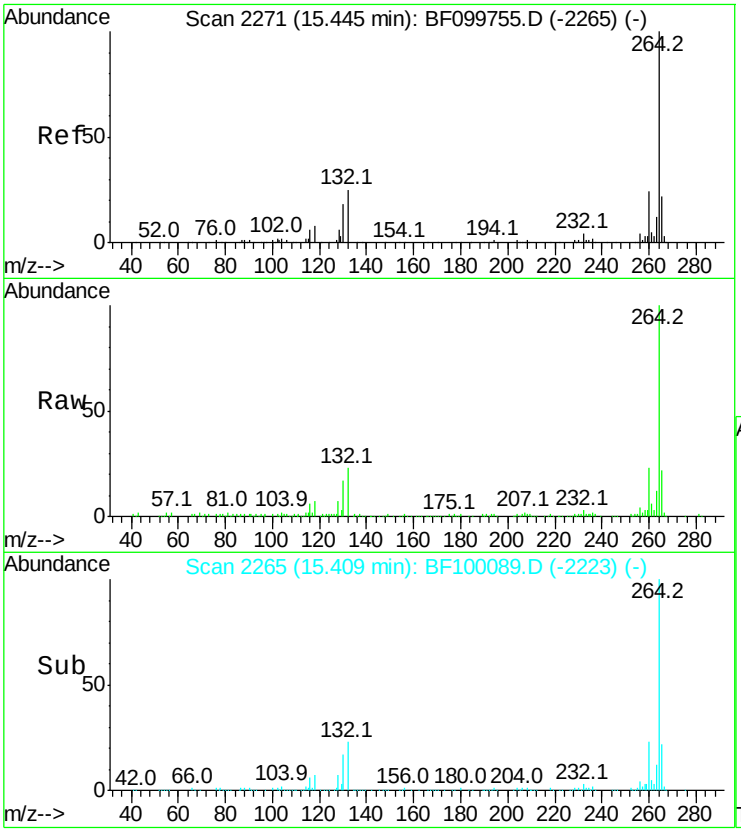


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.408 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion:149 Resp: 20659

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.5	3.0	4.4



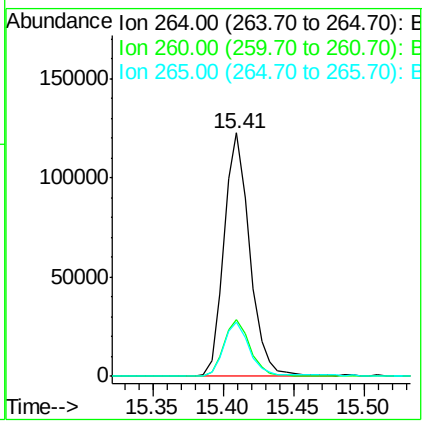


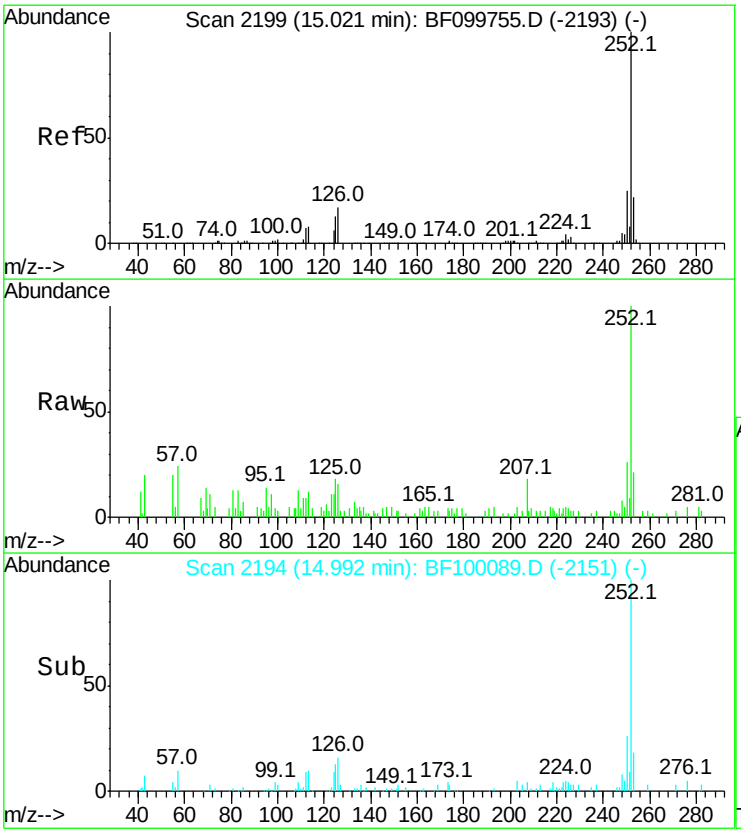
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 155600

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.4	17.5	26.3

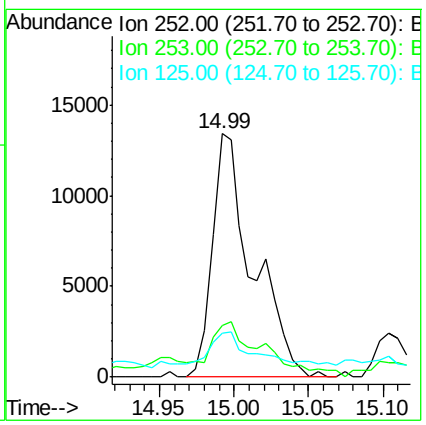


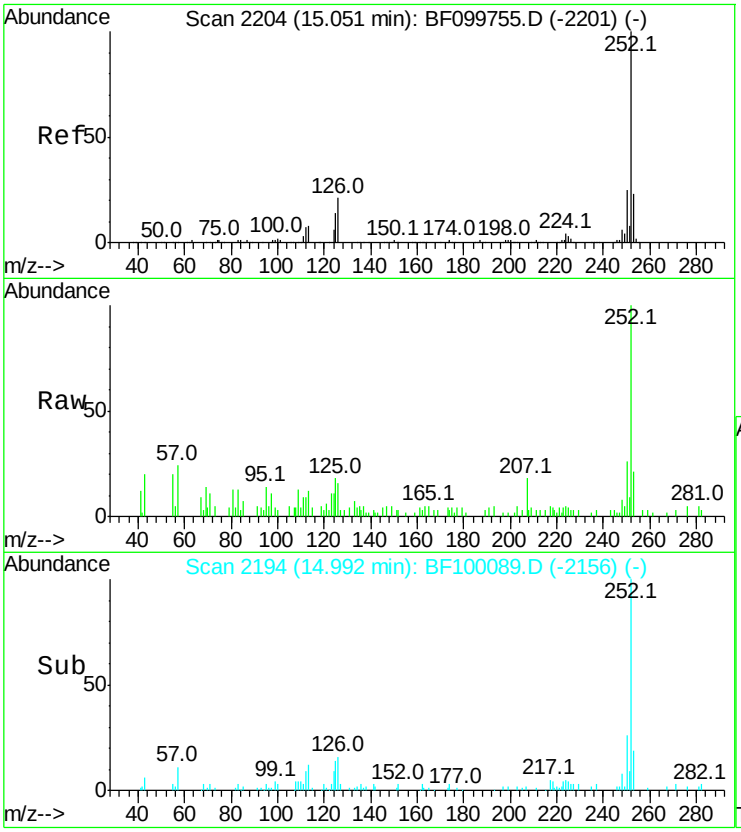


#87
Benzo(b)fluoranthene
Concen: 2.568 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Tgt Ion:252 Resp: 25228

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	18.1	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.723 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.08 min
Lab File: BF100089.D
Acq: 2 Nov 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 25228

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	18.1	10.2	15.2#