Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099565.D
Acq On : 17 Oct 2017 1:02
Operator : SJ/JU
Sample : I5752-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 17 02:32:20 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	97168	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	392569	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	162758	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	241617	20.00	ng		0.00
75) Chrysene-d12	14.01	240	178840	20.00	ng		0.00
86) Perylene-d12	15.49	264	191643	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	589053	96.50	ng		0.00
7) Phenol-d6	6.48	99	704784	93.60	ng		0.00
23) Nitrobenzene-d5	7.41	82	418593	68.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	115933	87.05	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	717793	73.62	ng		-0.01
78) Terphenyl-d14	12.95	244	436859	55.55	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	42963	5.10	ng		96
19) n-Nitroso-di-n-propylamine	7.41	70	52871	11.00	ng	#	72
25) Isophorone	7.41	82	418593	33.07	ng	#	64
49) Dimethylphthalate	9.59	163	234850	19.12	ng		100
56) 2,4-Dinitrotoluene	9.88	165	20421	5.88	ng	#	21
62) Azobenzene	10.59	77	133270	12.08	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	7745	3.27	ng	#	1
70) Phenanthrene	11.39	178	30902	2.39	ng		99
74) Fluoranthene	12.58	202	57625	4.40	ng		99
77) Pyrene	12.82	202	56753	4.16	ng		98
80) Benzo(a)anthracene	14.00	228	27227	2.51	ng		98
82) Chrysene	14.04	228	27134	2.63	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	19138	2.32	ng	#	93
87) Benzo(b)fluoranthene	15.06	252	52113	4.42	ng	#	90
88) Benzo(k)fluoranthene	15.06	252	52113	4.48	ng	#	93
89) Benzo(a)pyrene	15.43	252	28153	2.60	ng	#	94

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

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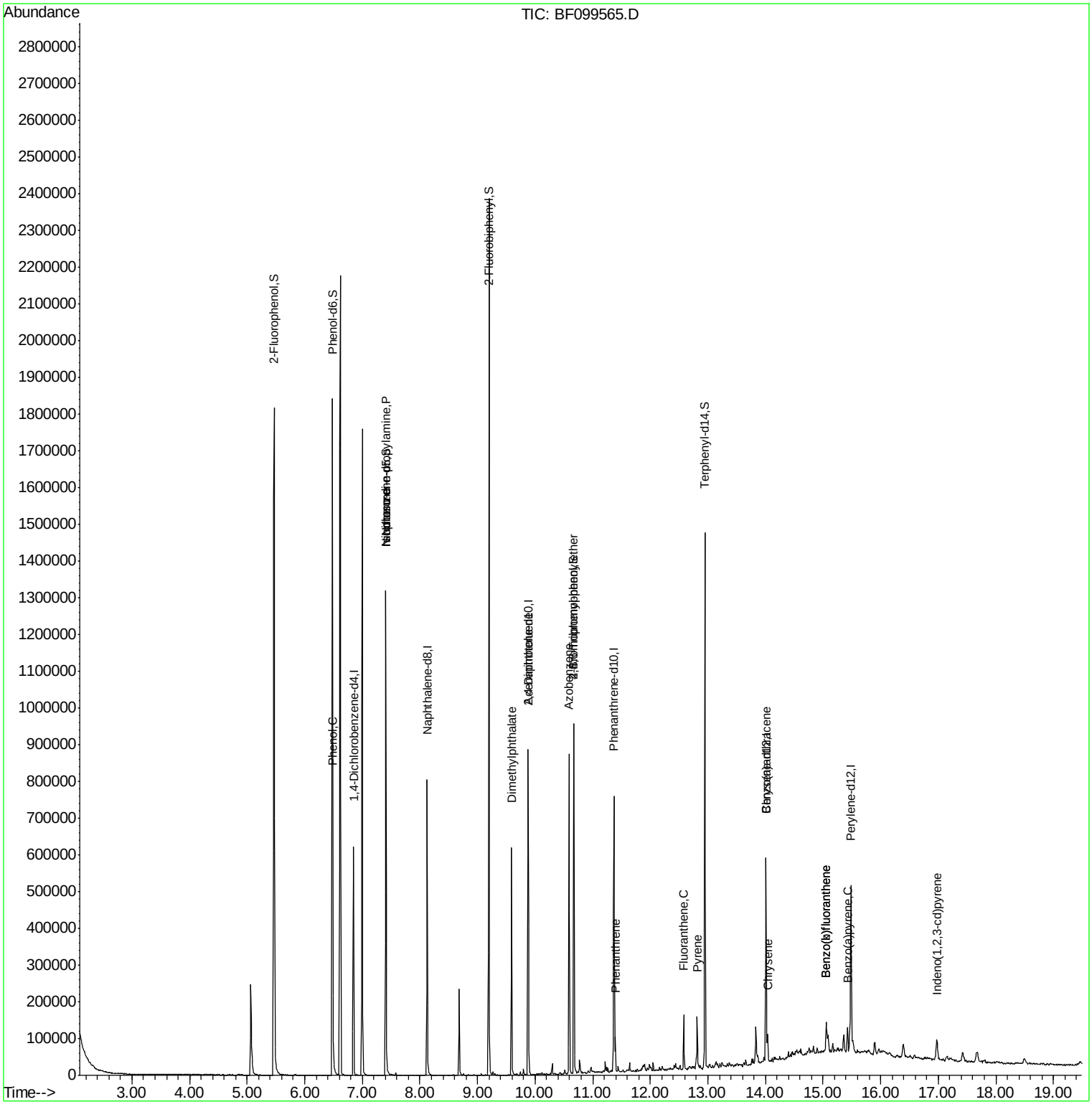
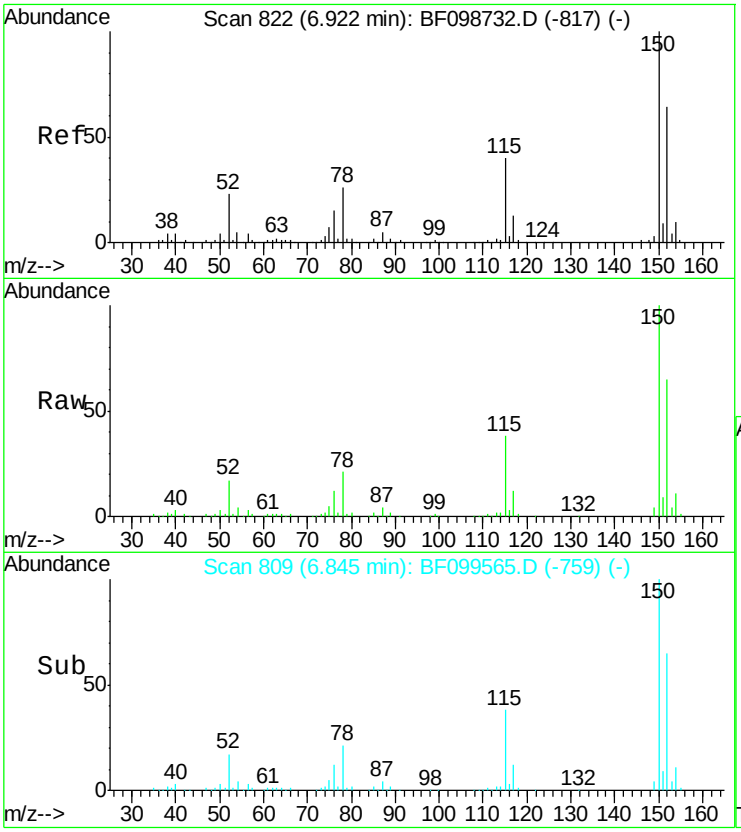


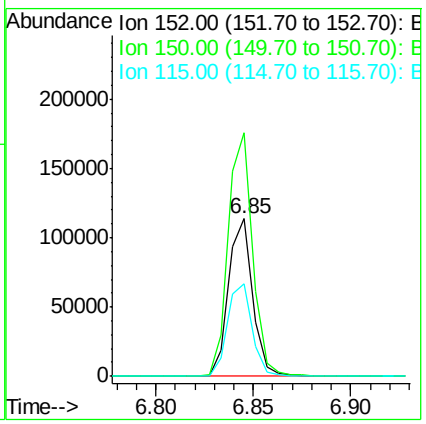


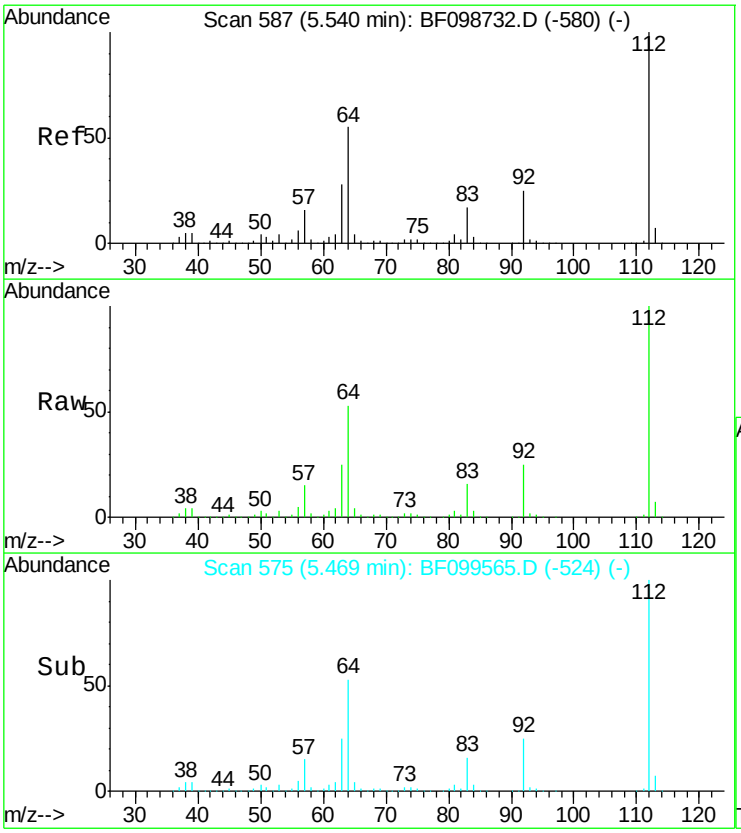
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97168

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.1	50.1	75.1

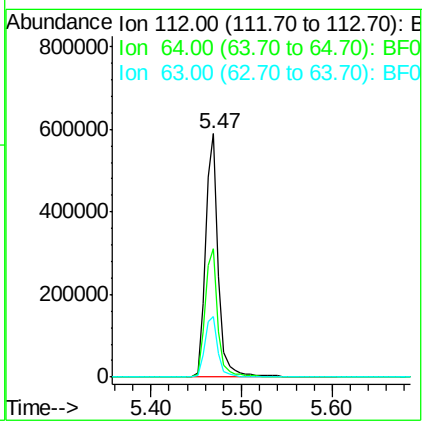


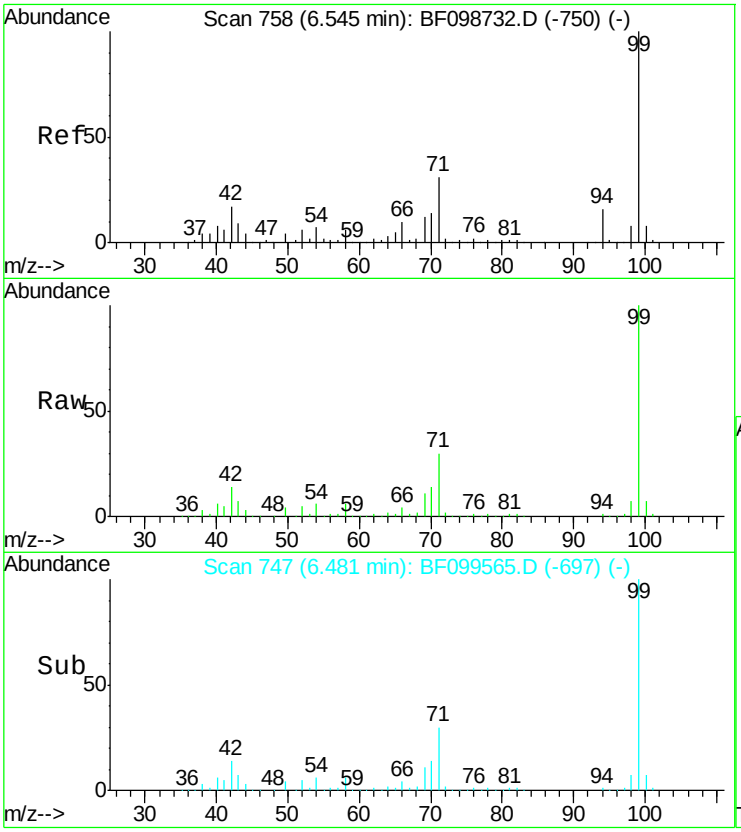


#5
2-Fluorophenol
Concen: 96.50 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion:112 Resp: 589053

Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	25.0	23.7	35.5



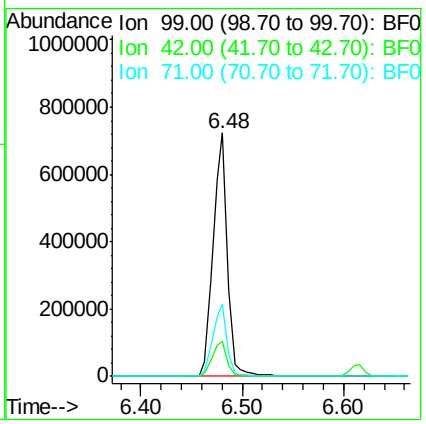


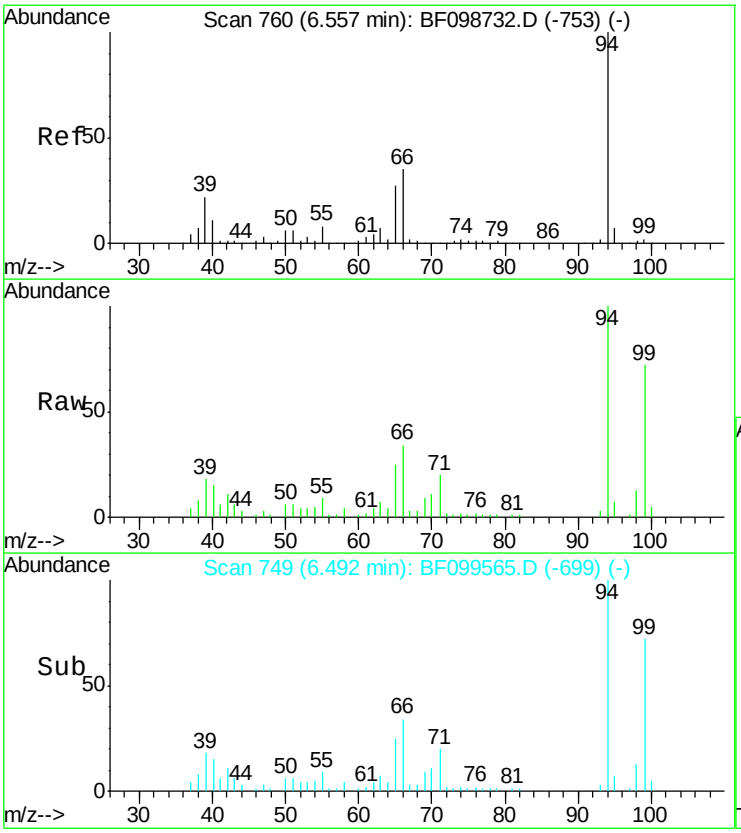
#7
Phenol-d6
Concen: 93.60 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 704784

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	29.8	25.4	38.0

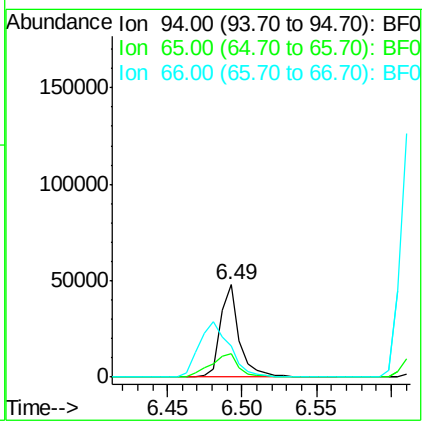


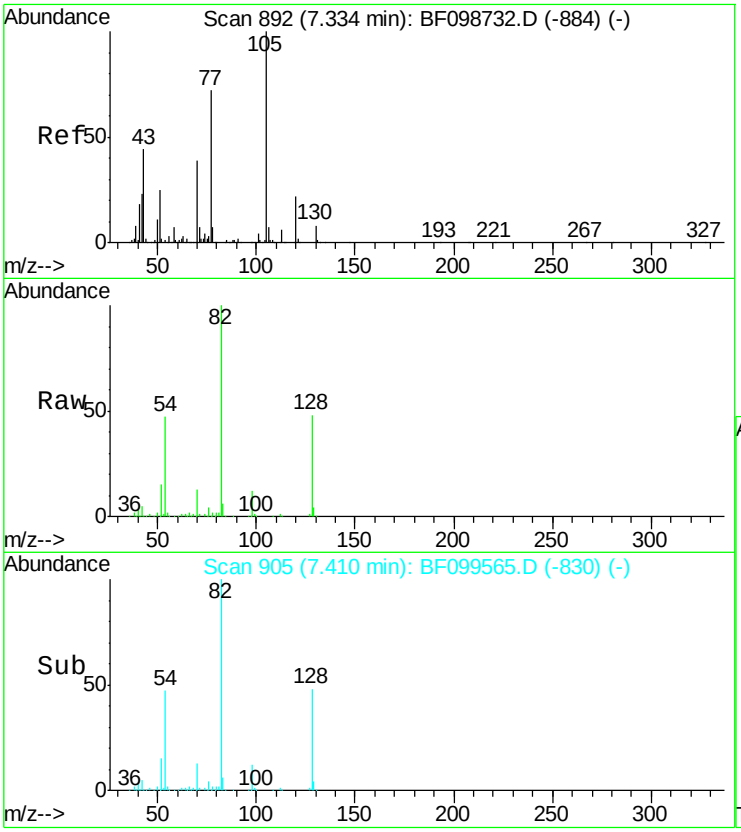


#10
Phenol
Concen: 5.10 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion: 94 Resp: 42963

Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.9	47.9
66	34.0	16.2	56.2



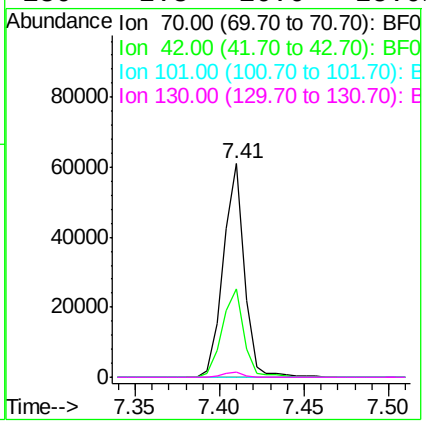


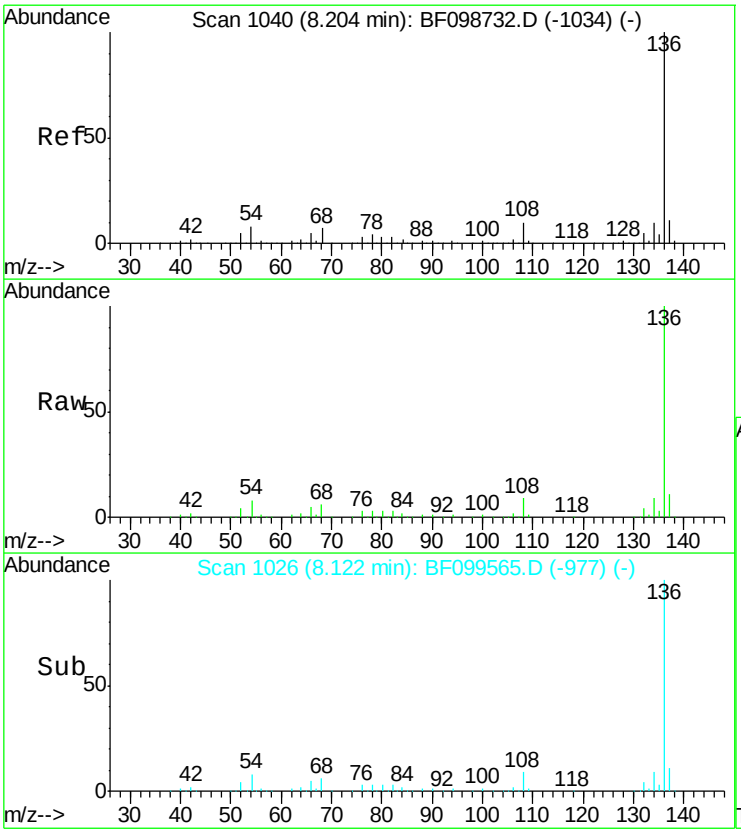
#19
n-Nitroso-di-n-propylamine
Concen: 11.00 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 52871

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

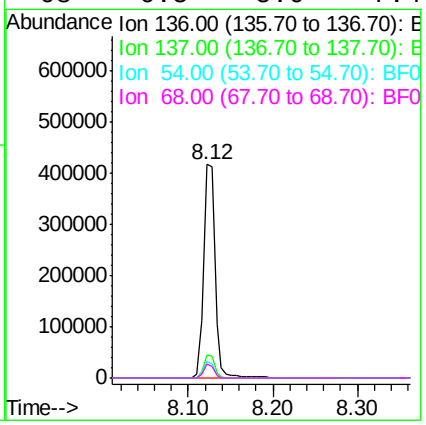


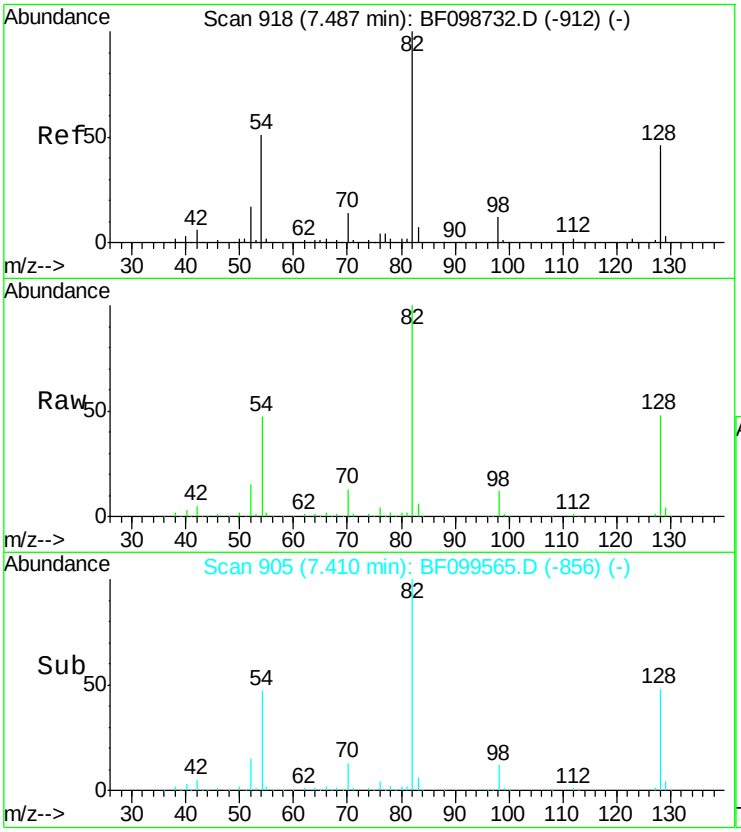


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion:136 Resp: 392569

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	6.6	9.8
68	6.5	5.0	7.4



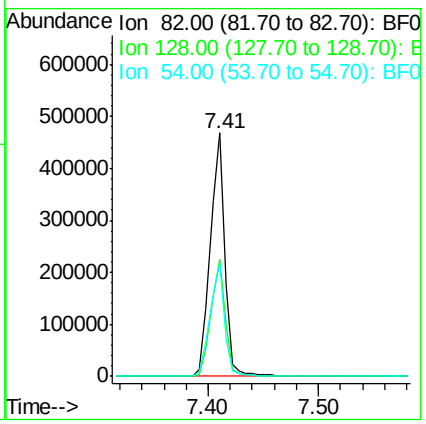


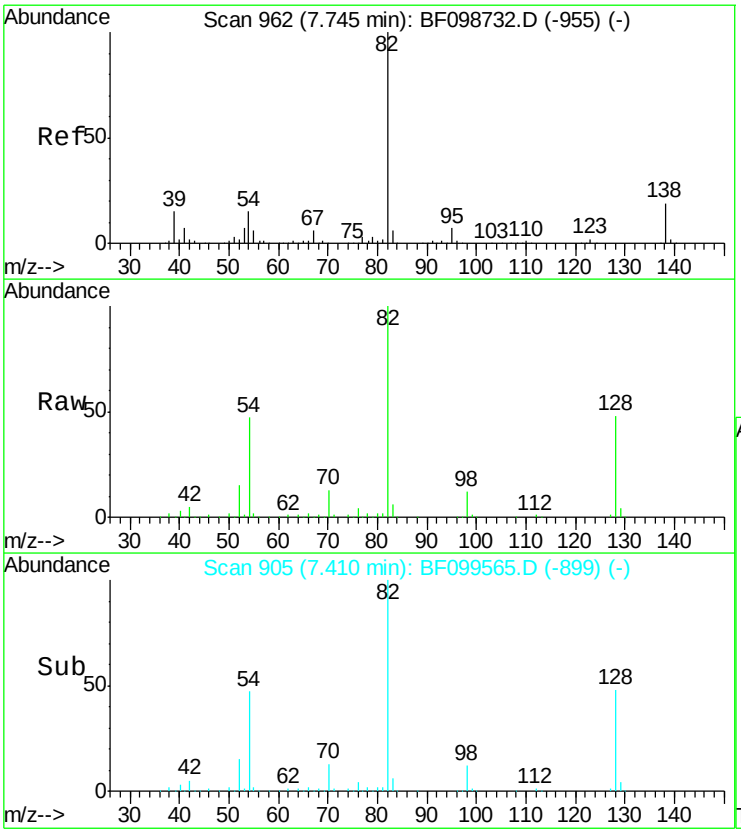
#23
Nitrobenzene-d5
Concen: 68.38 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 418593

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	46.6	41.4	62.2

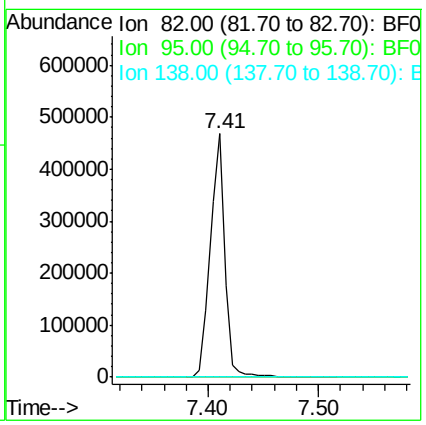


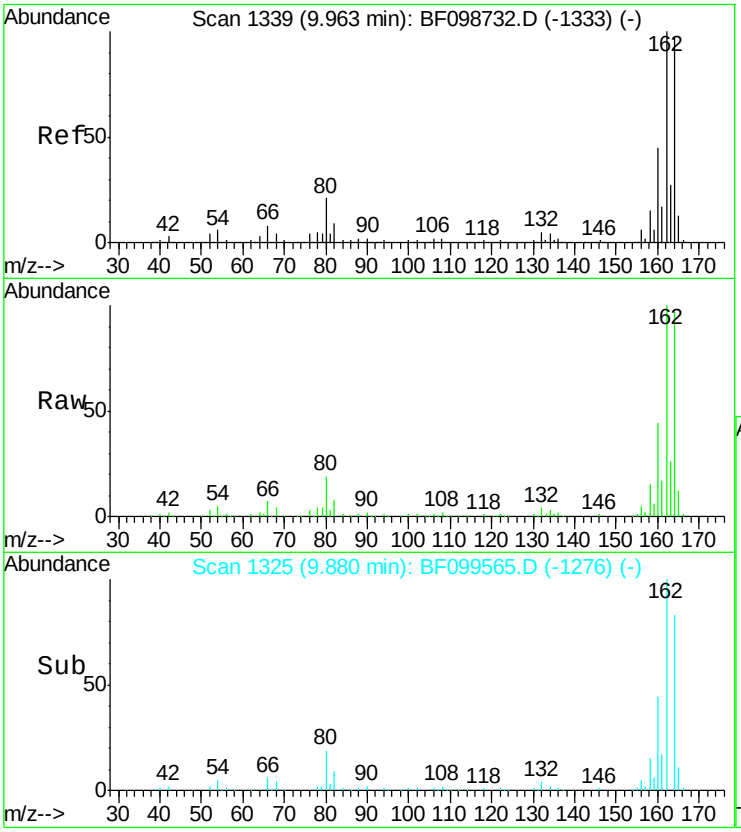


#25
Isophorone
Concen: 33.07 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion: 82 Resp: 418593

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



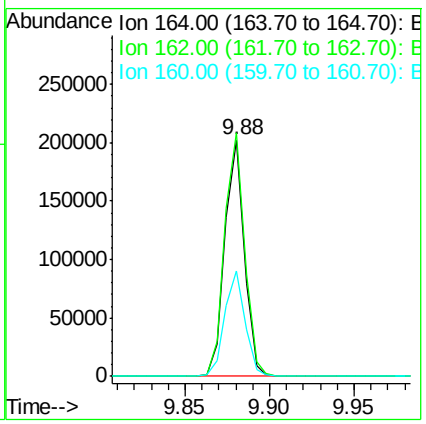


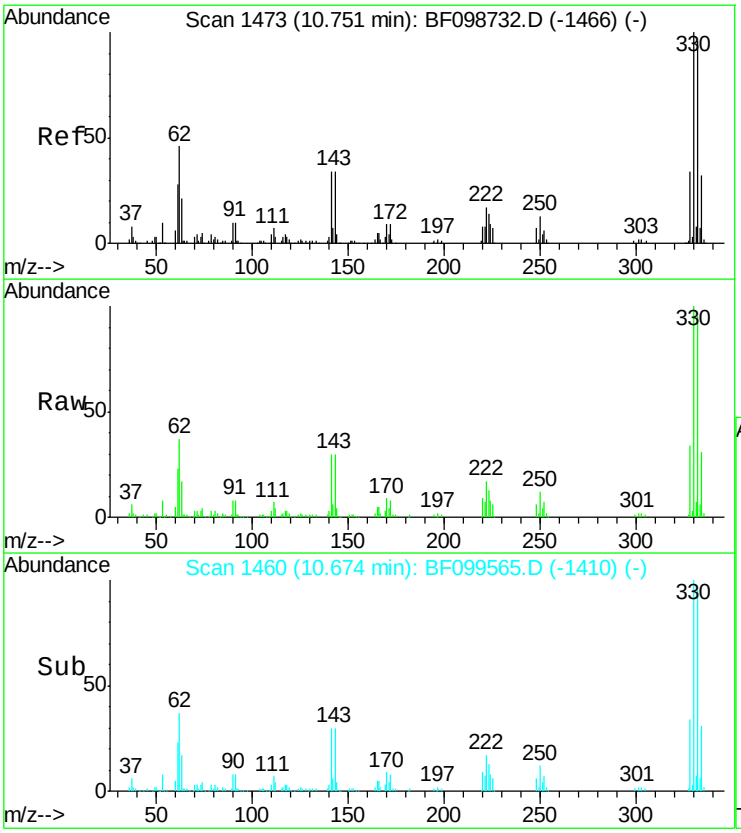
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 162758

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.9	38.3	57.5

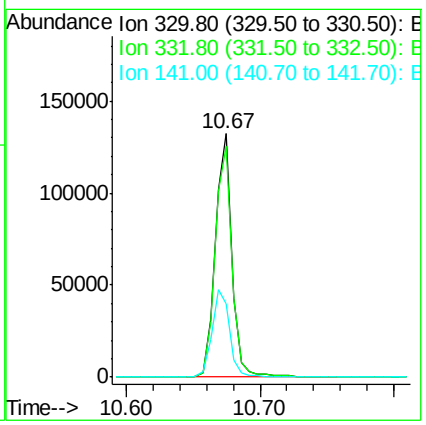


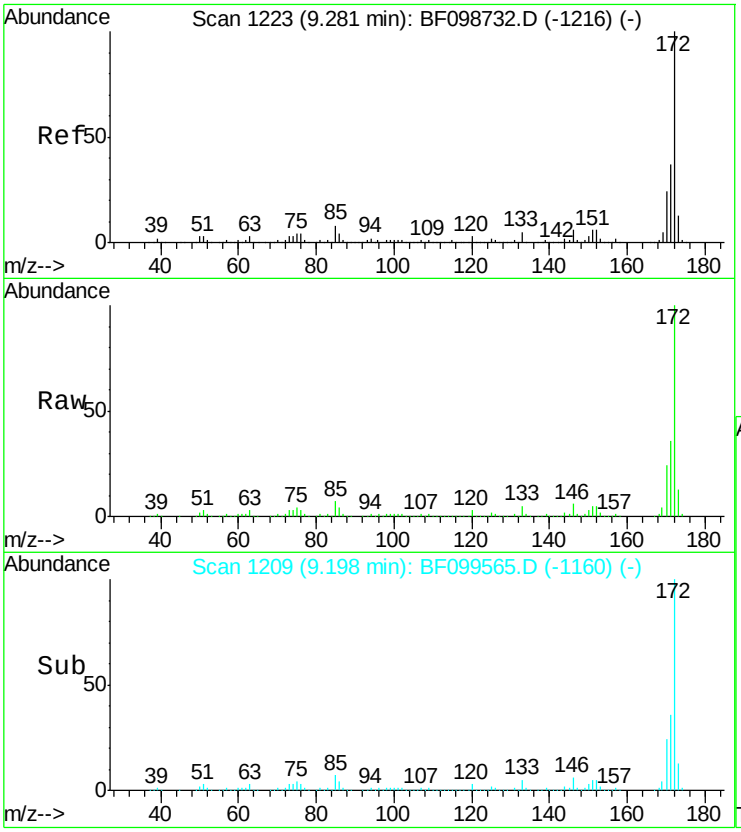


#41
2,4,6-Tribromophenol
Concen: 87.05 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion:330 Resp: 115933

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	38.2	29.9	44.9



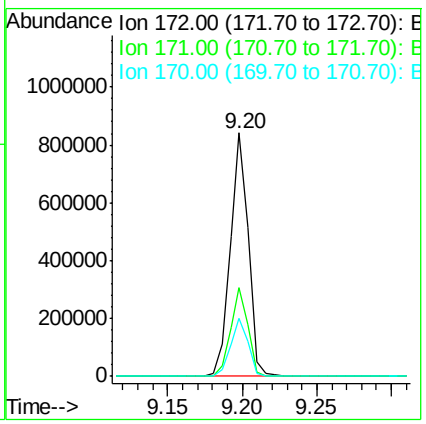


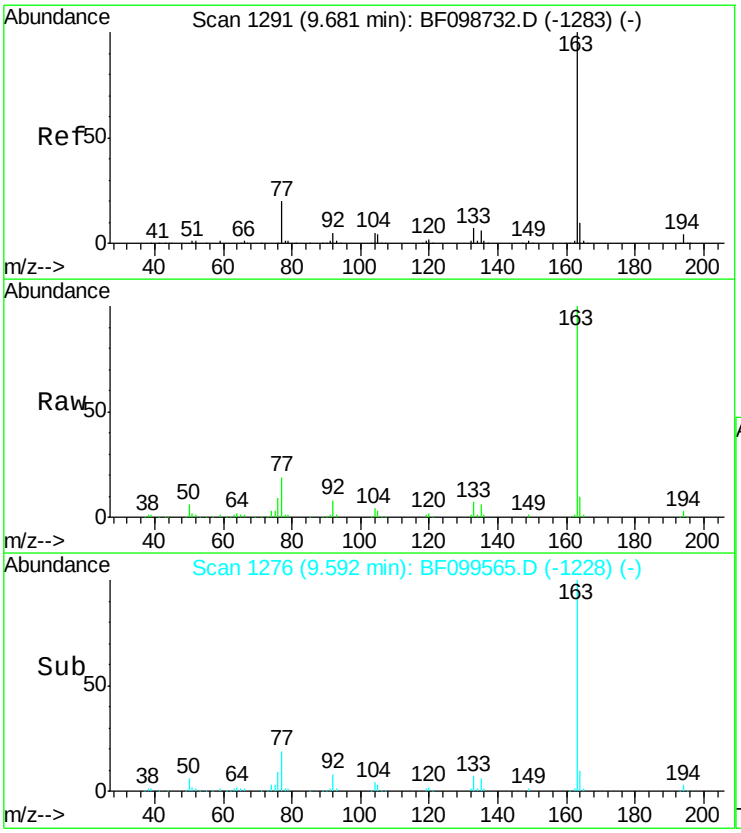
#44
2-Fluorobiphenyl
Concen: 73.62 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 717793

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.7	19.6	29.4

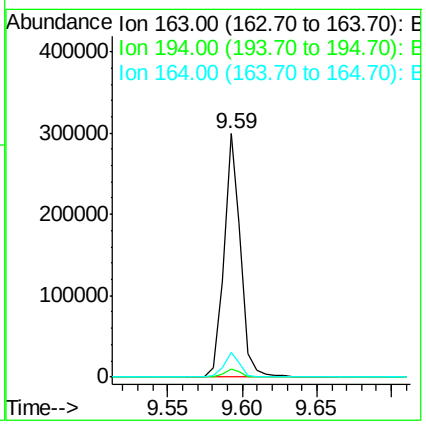


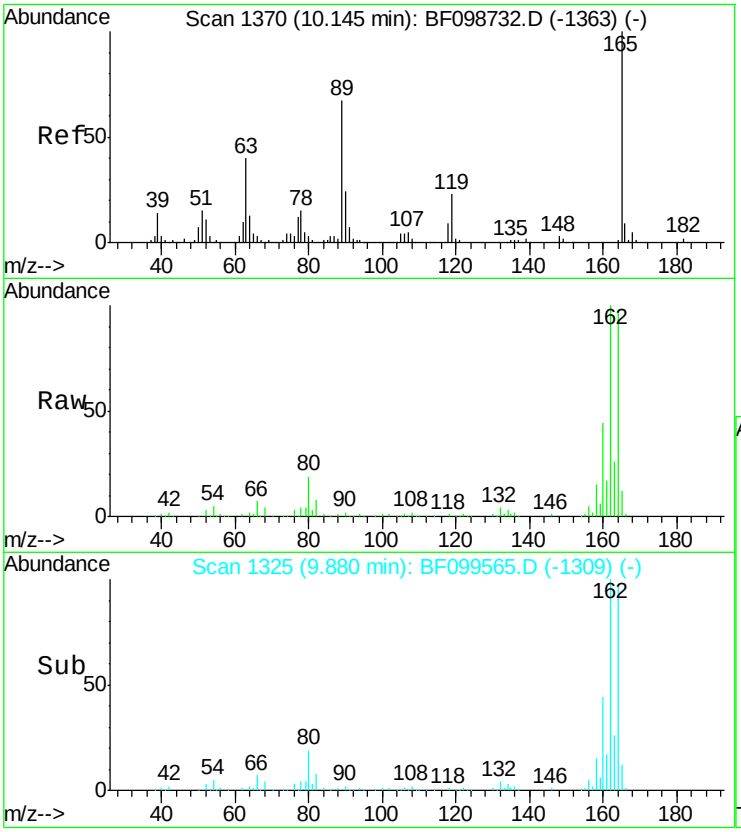


#49
Dimethylphthalate
Concen: 19.12 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion:163 Resp: 234850

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2



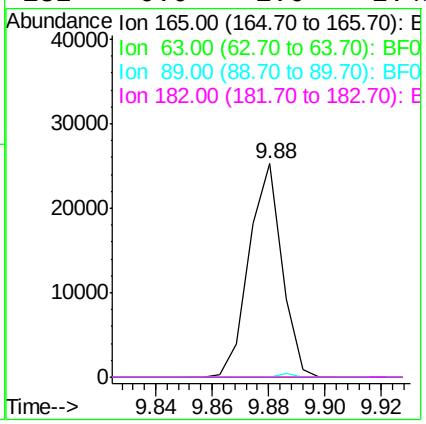


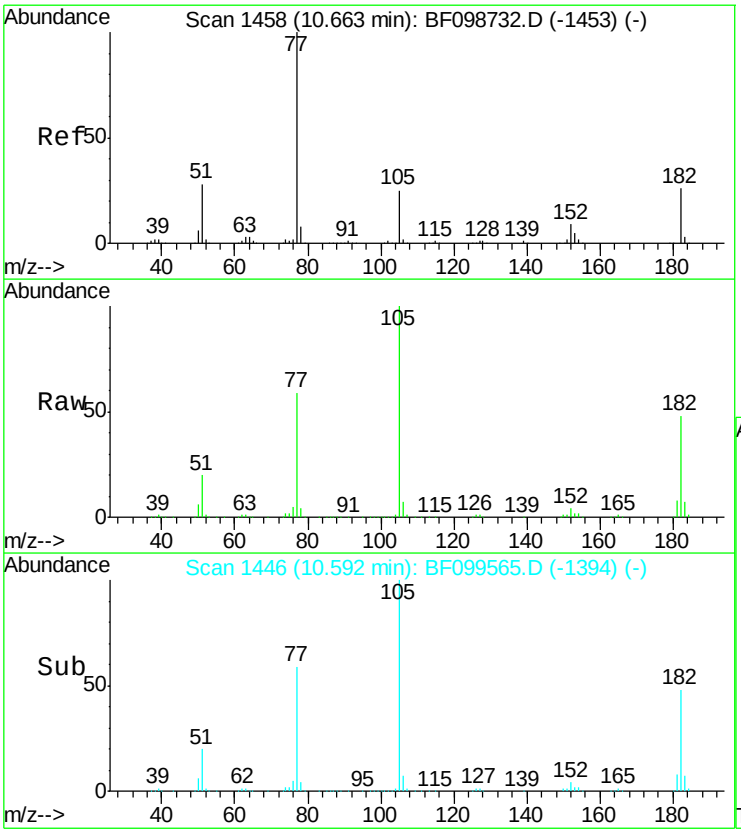
#56
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20421

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#

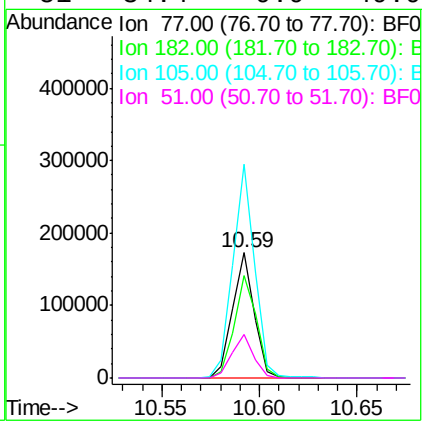


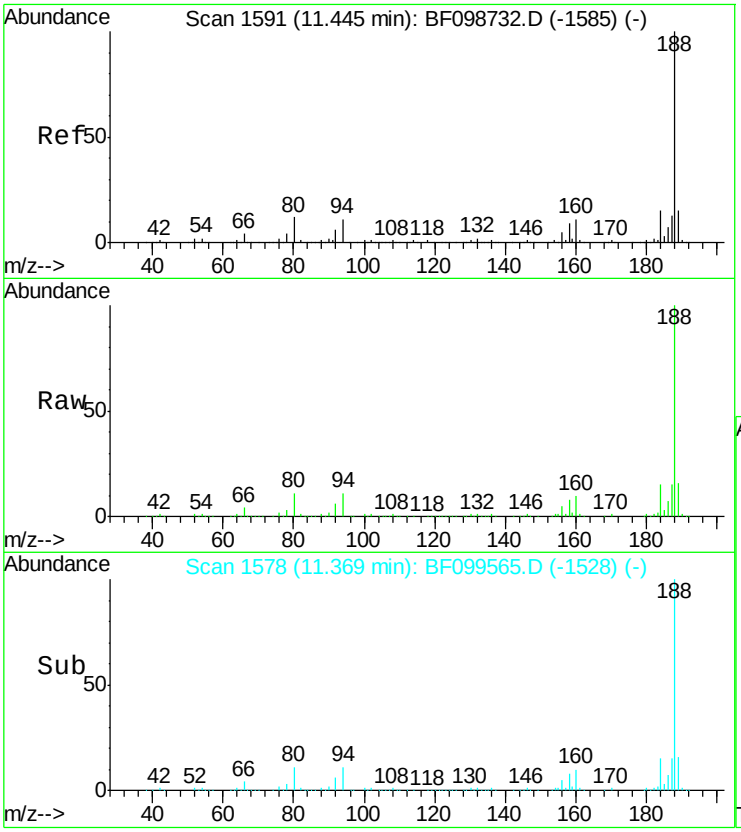


#62
Azobenzene
Concen: 12.08 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion: 77 Resp: 133270

Ion	Ratio	Lower	Upper
77	100		
182	81.8	1.7	41.7#
105	170.3	3.0	43.0#
51	34.4	9.9	49.9



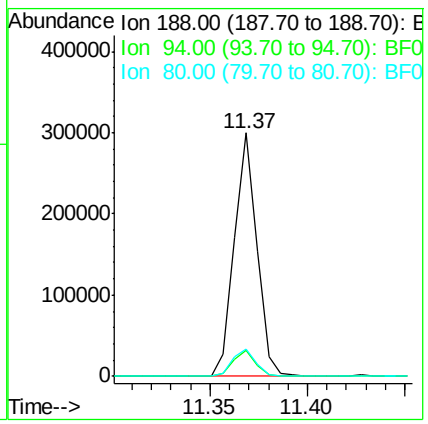


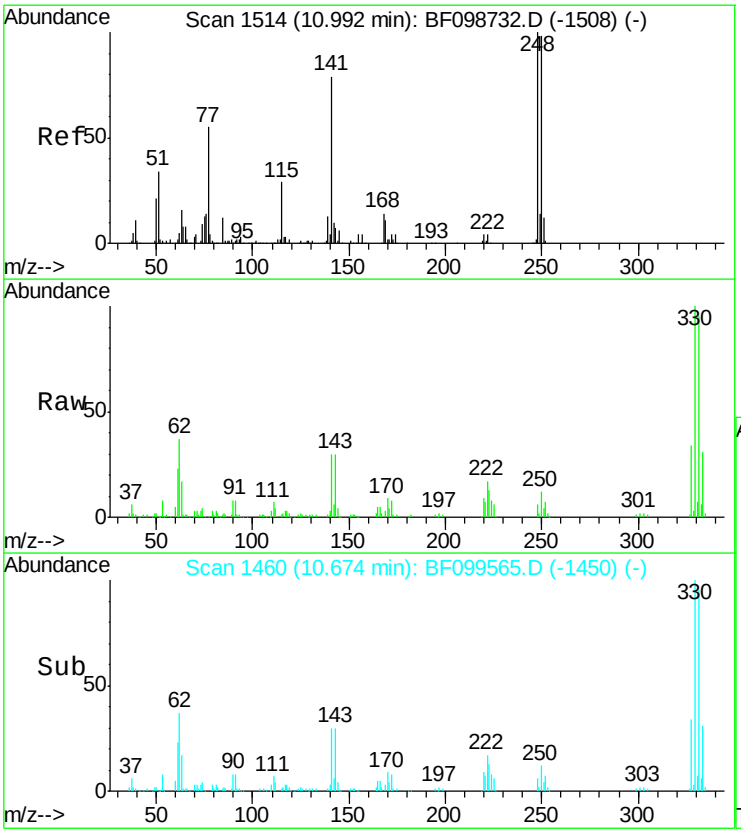
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 241617

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.1	9.2	13.8

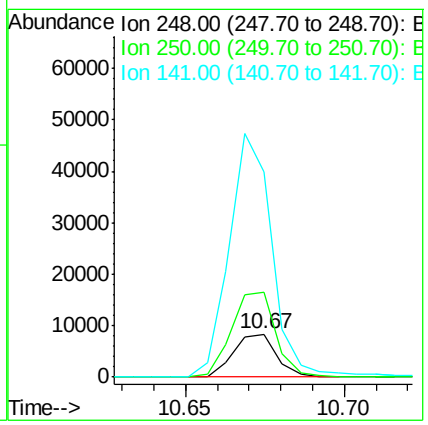


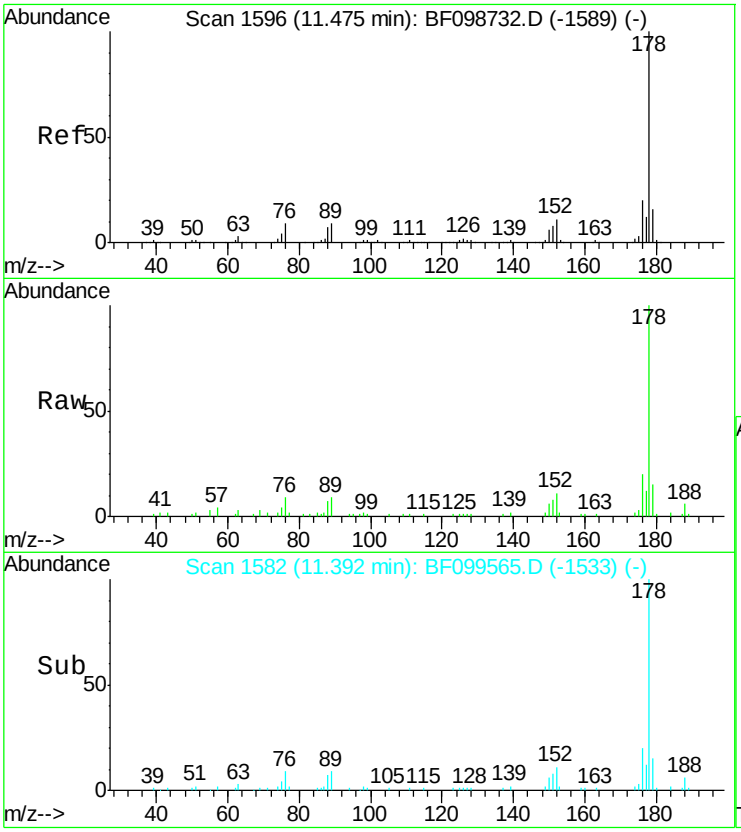


#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion:248 Resp: 7745

Ion	Ratio	Lower	Upper
248	100		
250	199.1	76.9	115.3#
141	479.6	74.4	111.6#



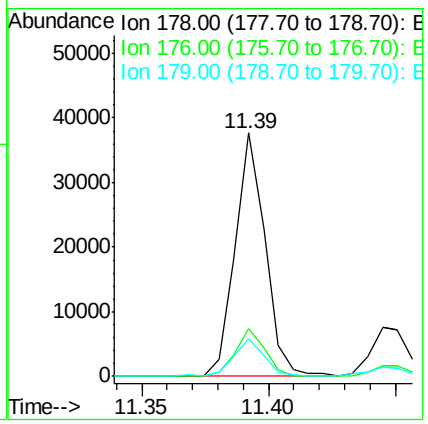


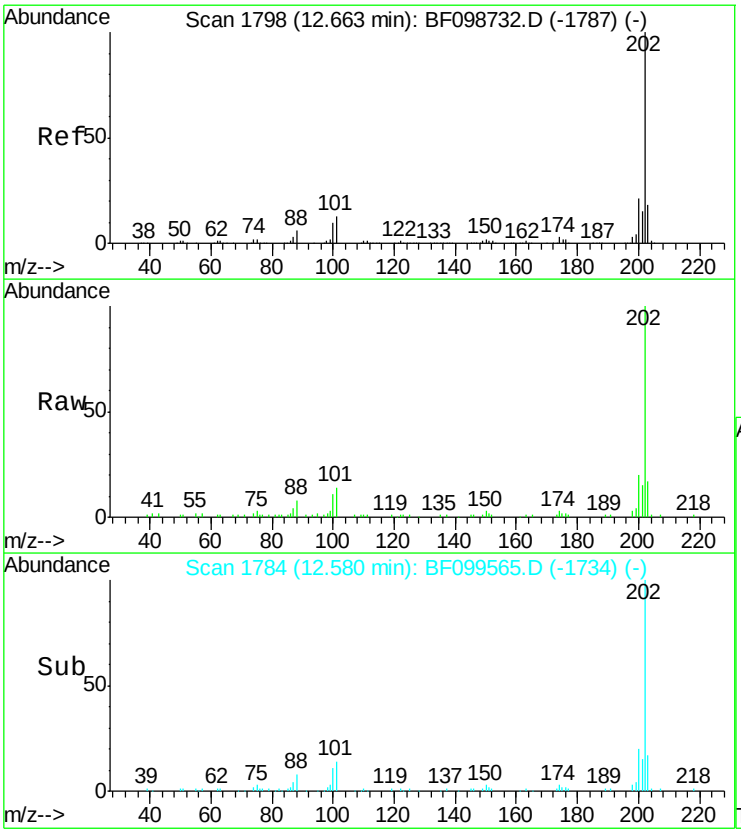
#70
Phenanthrene
Concen: 2.39 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 30902

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.4	13.0	19.6

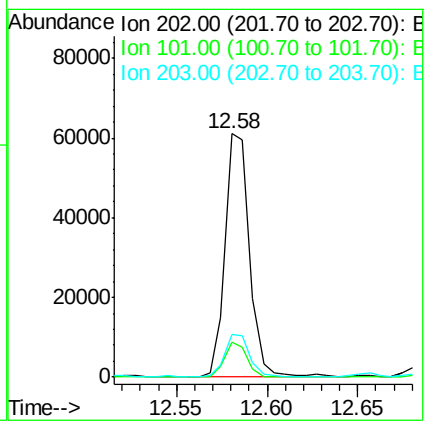


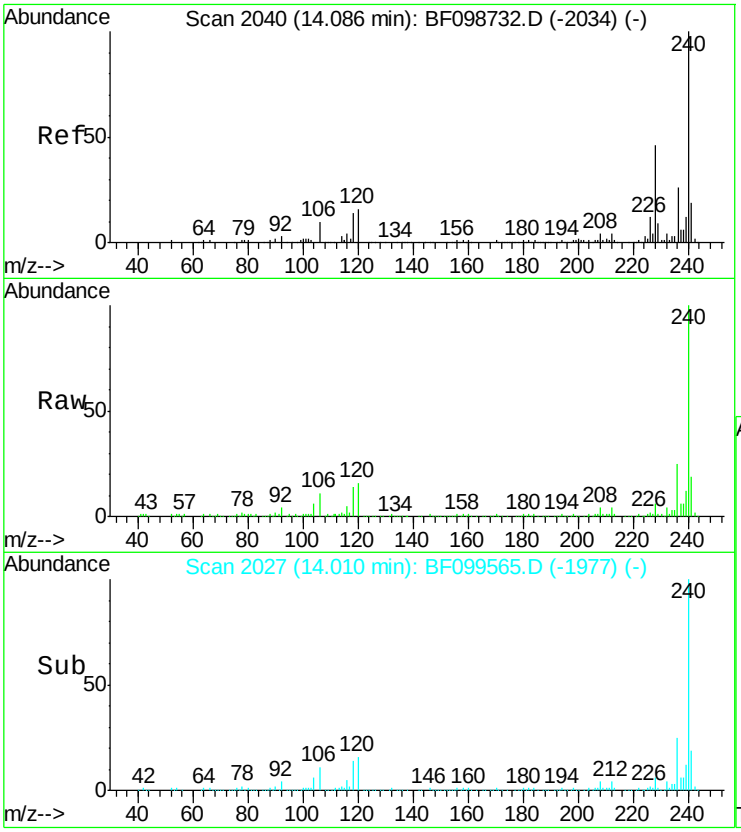


#74
Fluoranthene
Concen: 4.40 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion:202 Resp: 57625

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	17.5	0.0	38.1



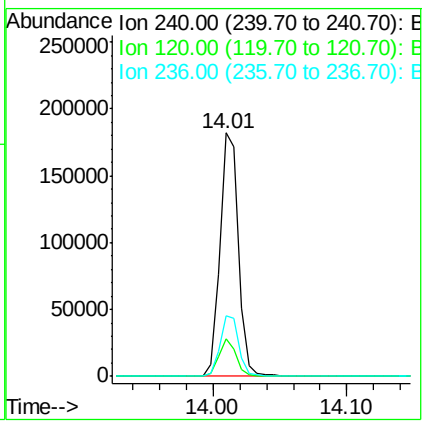


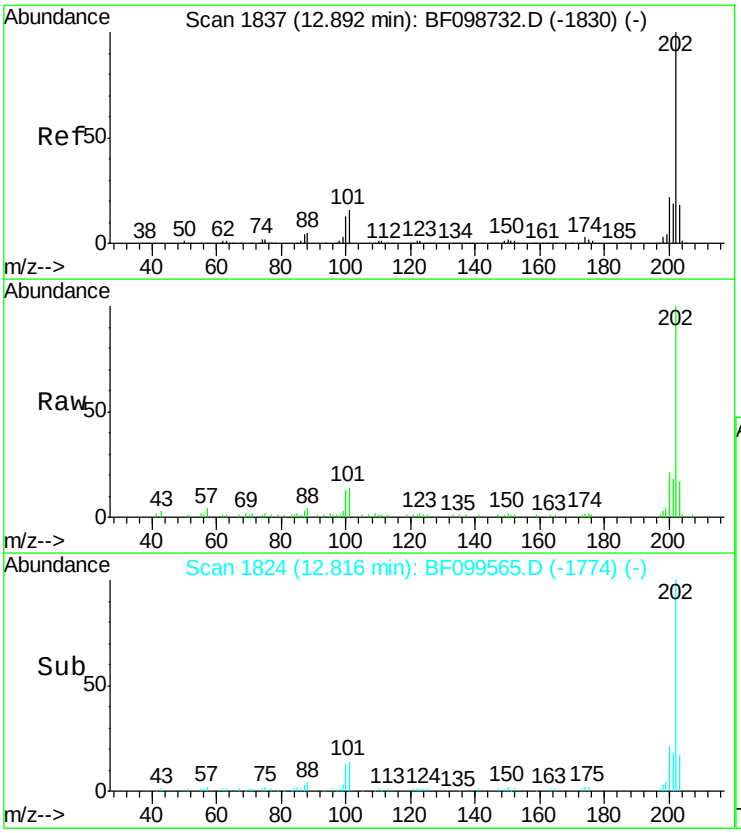
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 178840

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	24.8	20.7	31.1

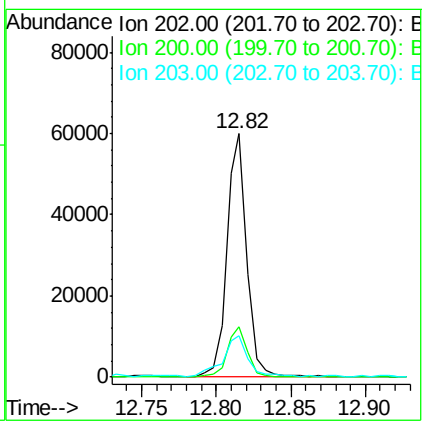


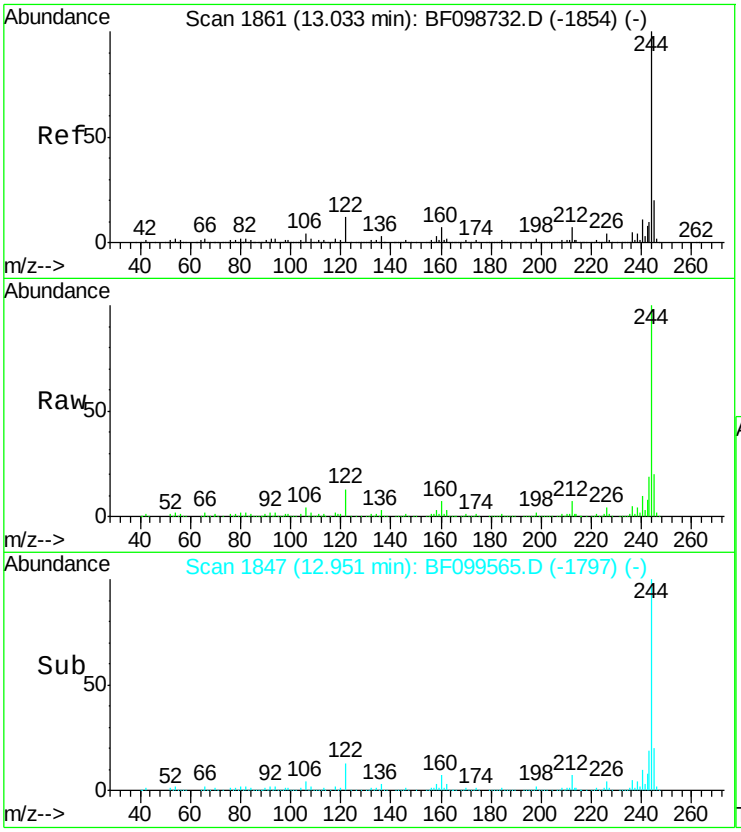


#77
Pyrene
Concen: 4.16 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion:202 Resp: 56753

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.2	14.3	21.5



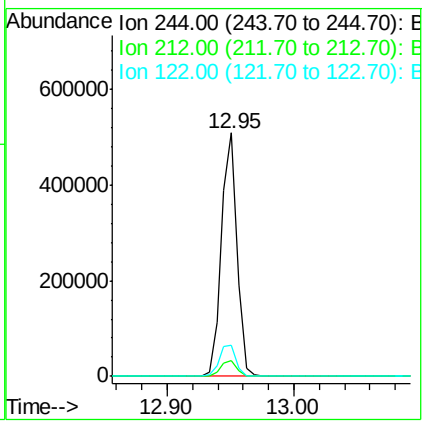


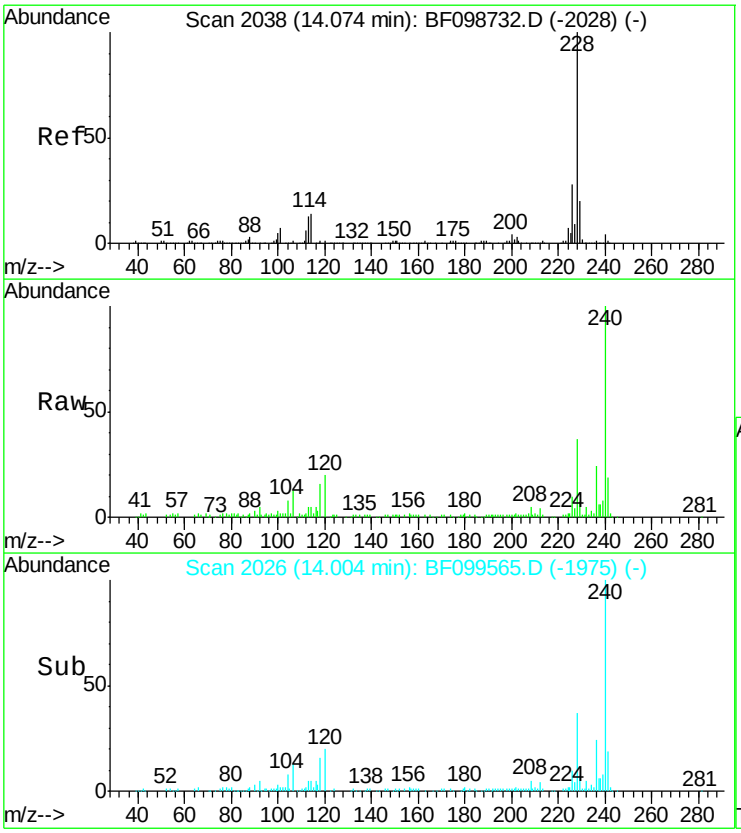
#78
Terphenyl-d14
Concen: 55.55 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 436859

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.9	11.0	16.4

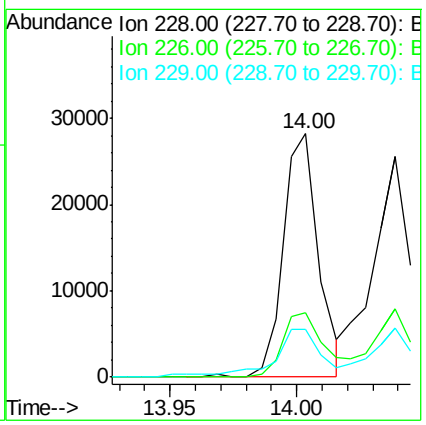


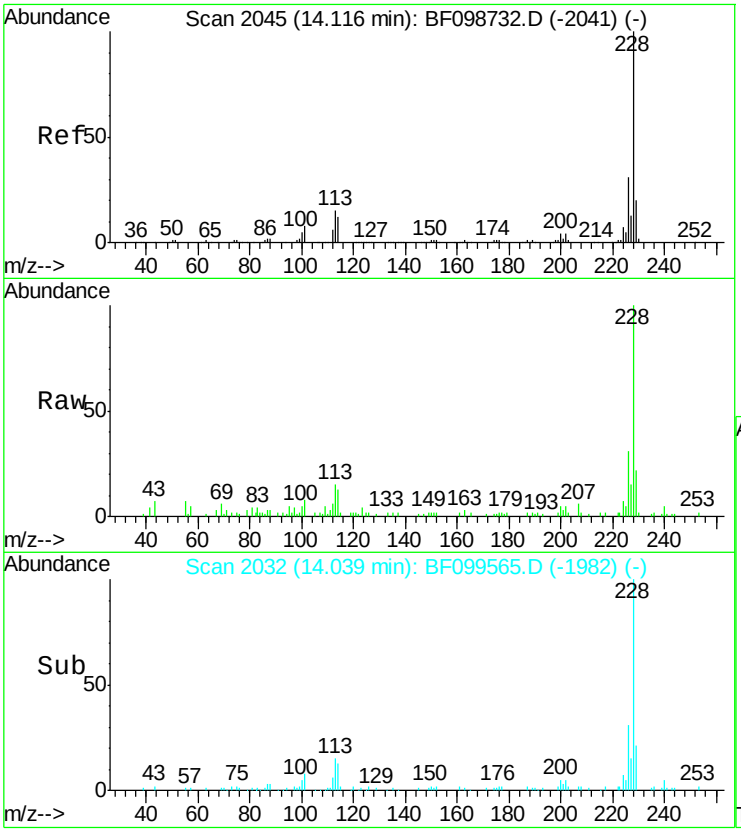


#80
Benzo(a)anthracene
Concen: 2.51 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion:228 Resp: 27227

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	19.5	15.8	23.6



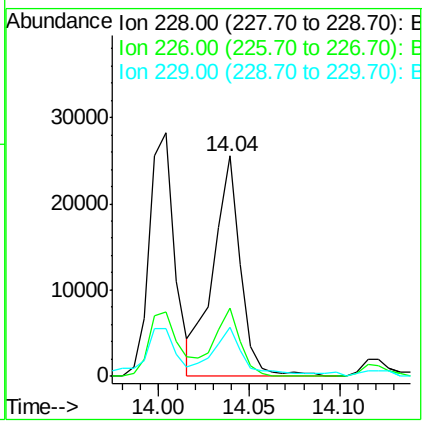


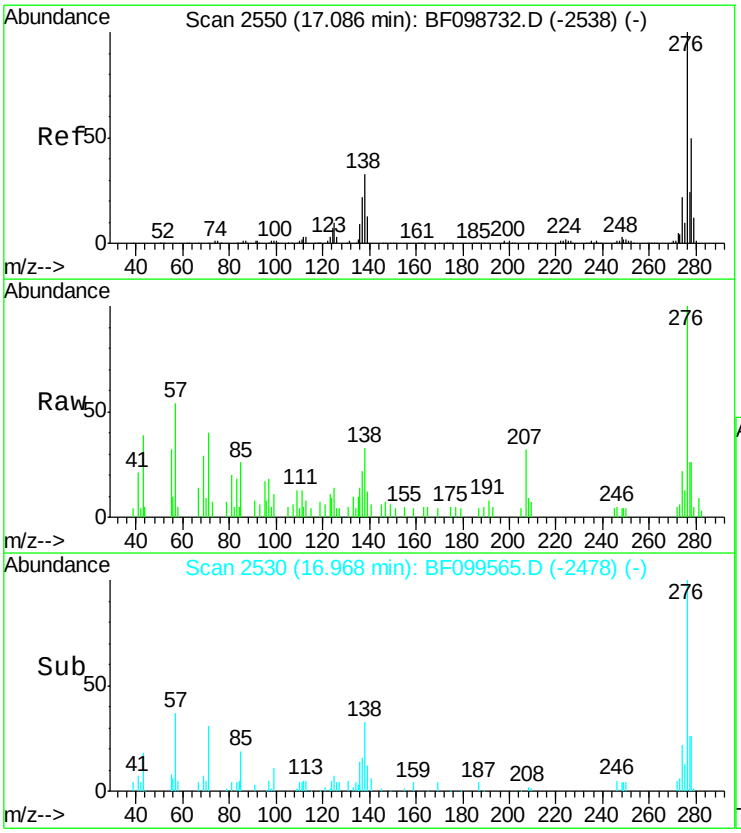
#82
Chrysene
Concen: 2.63 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 27134

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.0	16.2	24.4

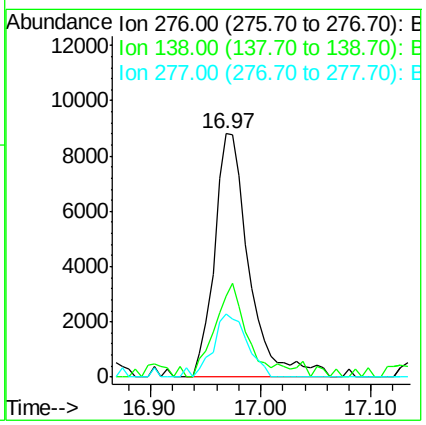


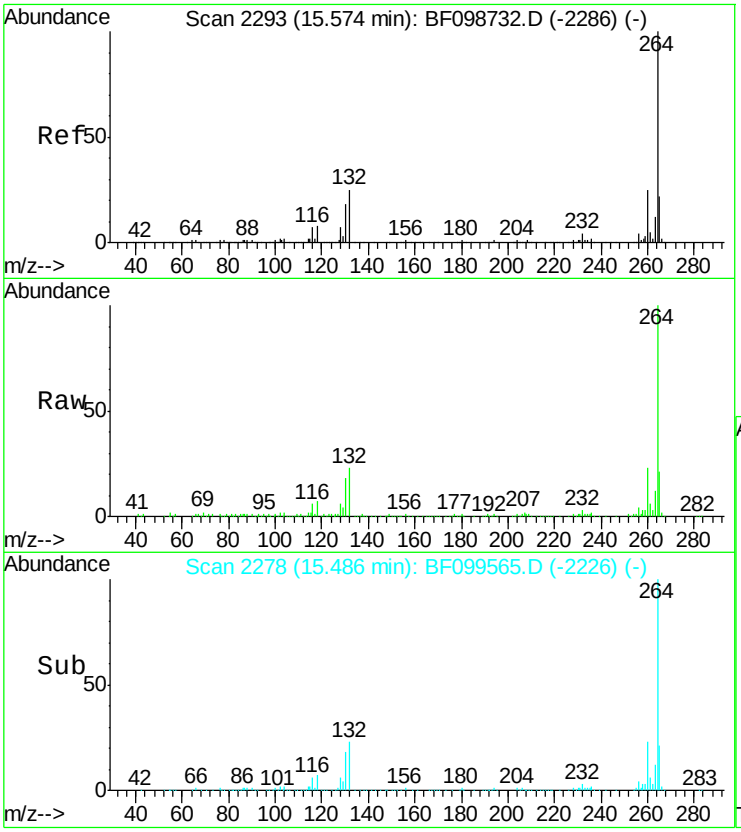


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.32 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion:276 Resp: 19138

Ion	Ratio	Lower	Upper
276	100		
138	38.3	25.0	37.6#
277	25.7	20.1	30.1



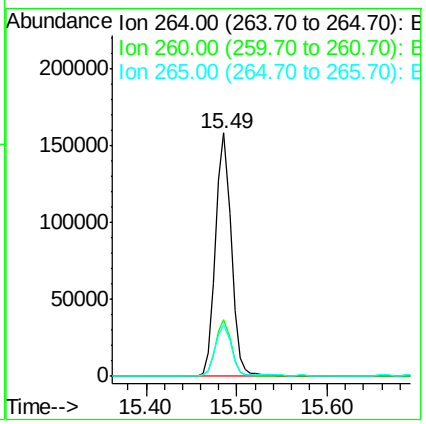


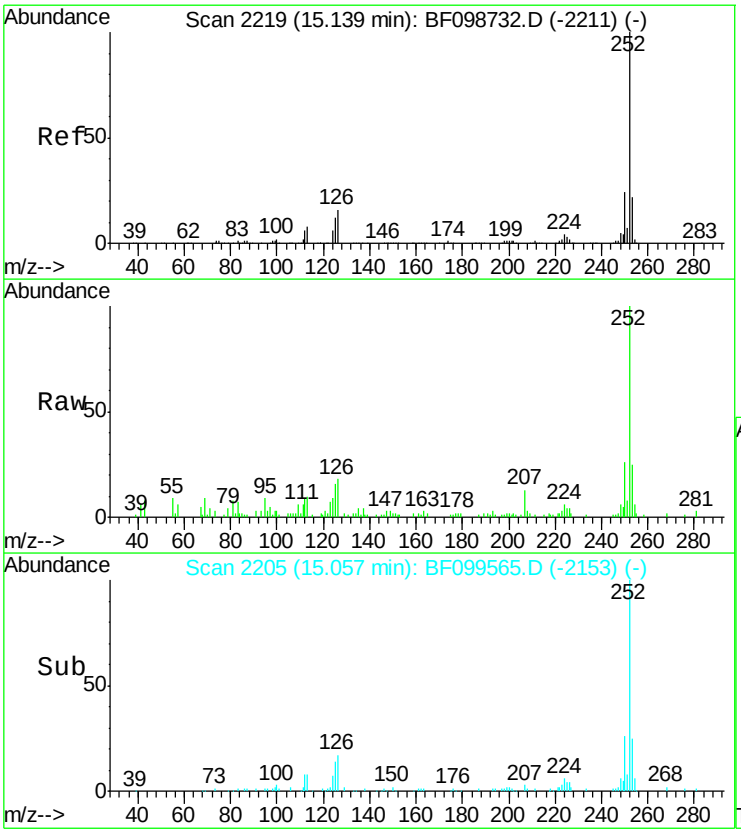
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 191643

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	17.5	26.3

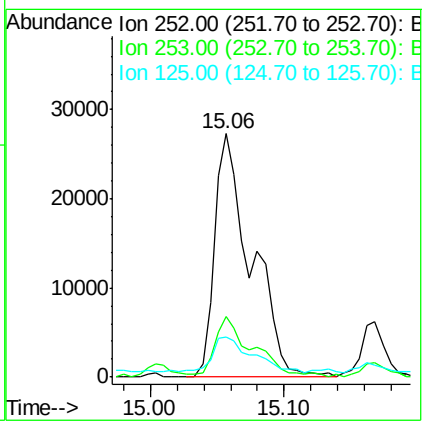


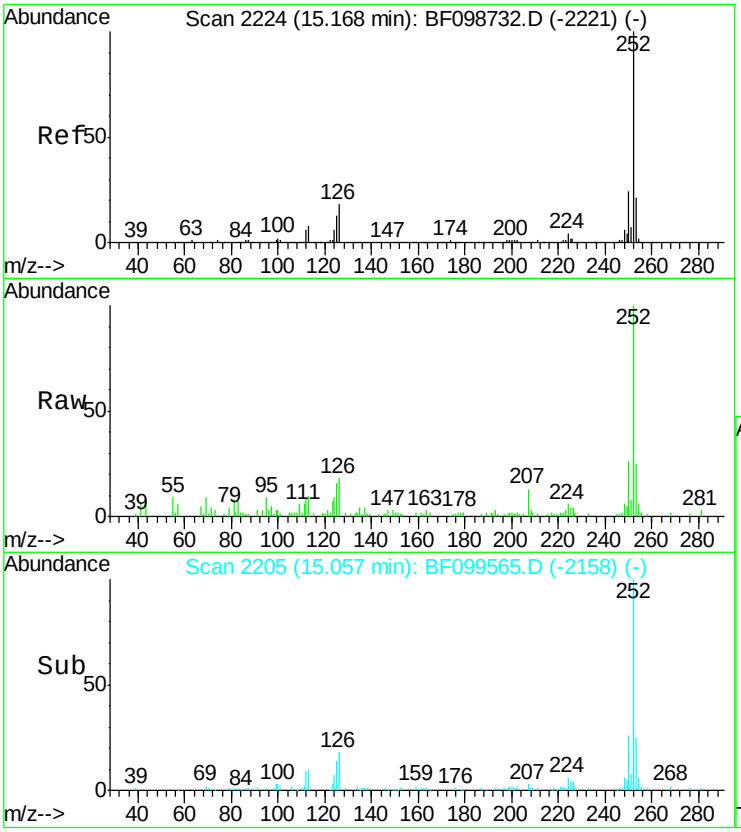


#87
Benzo(b)fluoranthene
Concen: 4.42 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion:252 Resp: 52113

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	16.3	9.0	13.6#



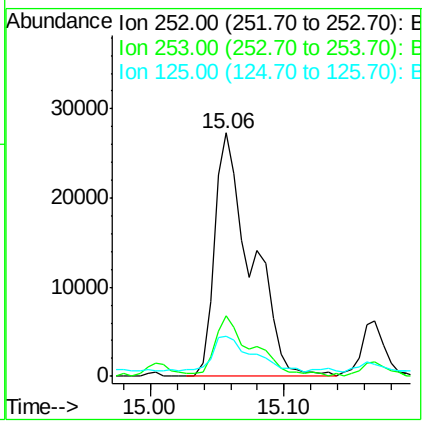


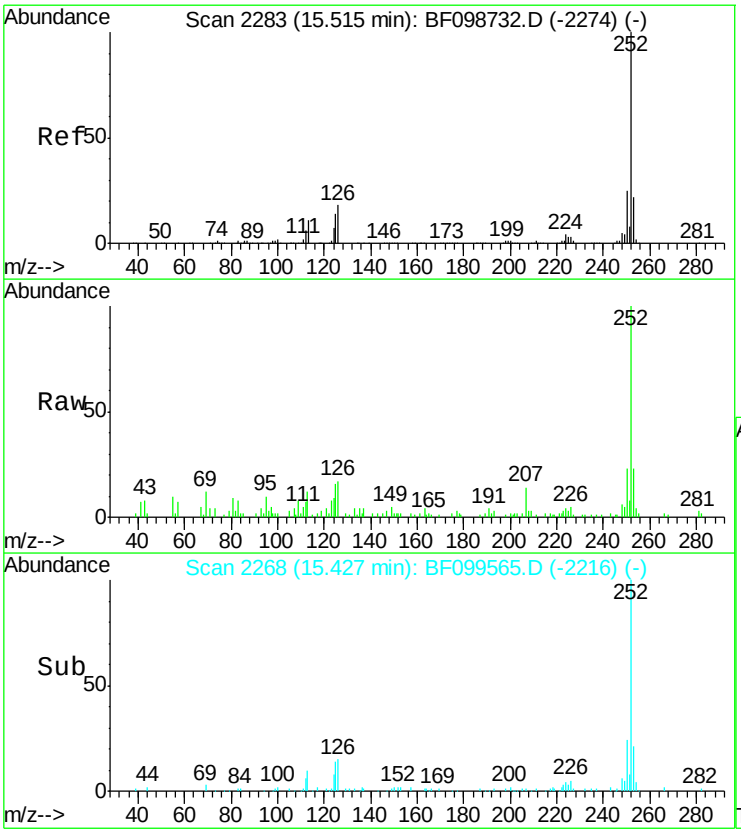
#88
Benzo(k)fluoranthene
Concen: 4.48 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 52113

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	16.3	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.60 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion:252 Resp: 28153

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	16.4	9.8	14.6#