Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101787.D
Acq On : 28 Dec 2017 3:37
Operator : SJ/JU
Sample : I7069-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 28 06:28:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	167357	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	643008	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	253447	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	388021	20.00	ng		0.00
75) Chrysene-d12	13.97	240	311388	20.00	ng		0.00
86) Perylene-d12	15.45	264	282135	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1111827	98.96	ng		0.01
7) Phenol-d6	6.44	99	1329227	95.06	ng		0.00
23) Nitrobenzene-d5	7.36	82	827785	71.66	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	230034	94.19	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1153455	70.60	ng		0.00
78) Terphenyl-d14	12.90	244	743036	57.53	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	50197	3.150	ng	#	69
19) n-Nitroso-di-n-propylamine	7.36	70	111465	12.139	ng	#	80
25) Isophorone	7.36	82	827778	35.722	ng	#	64
32) Benzoic acid	7.92	122	113	7.976	ng	#	25
49) Dimethylphthalate	9.55	163	139661	6.851	ng		98
66) 4-Bromophenyl-phenylether	10.63	248	13870	3.181	ng	#	1
70) Phenanthrene	11.34	178	393035	18.214	ng		99
71) Anthracene	11.40	178	105122	4.769	ng		98
74) Fluoranthene	12.54	202	589571	26.030	ng		97
77) Pyrene	12.77	202	549448	23.511	ng		100
80) Benzo(a)anthracene	13.97	228	311760	15.162	ng		97
82) Chrysene	14.00	228	301971	15.554	ng		98
85) Indeno(1,2,3-cd)pyrene	16.95	276	113335	6.556	ng	#	88
87) Benzo(b)fluoranthene	15.02	252	408720	23.767	ng	#	97
88) Benzo(k)fluoranthene	15.02	252	408720	24.445	ng		99
89) Benzo(a)pyrene	15.39	252	219746	13.862	ng		96
91) Benzo(g,h,i)perylene	17.40	276	96457	7.157	ng	#	92

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

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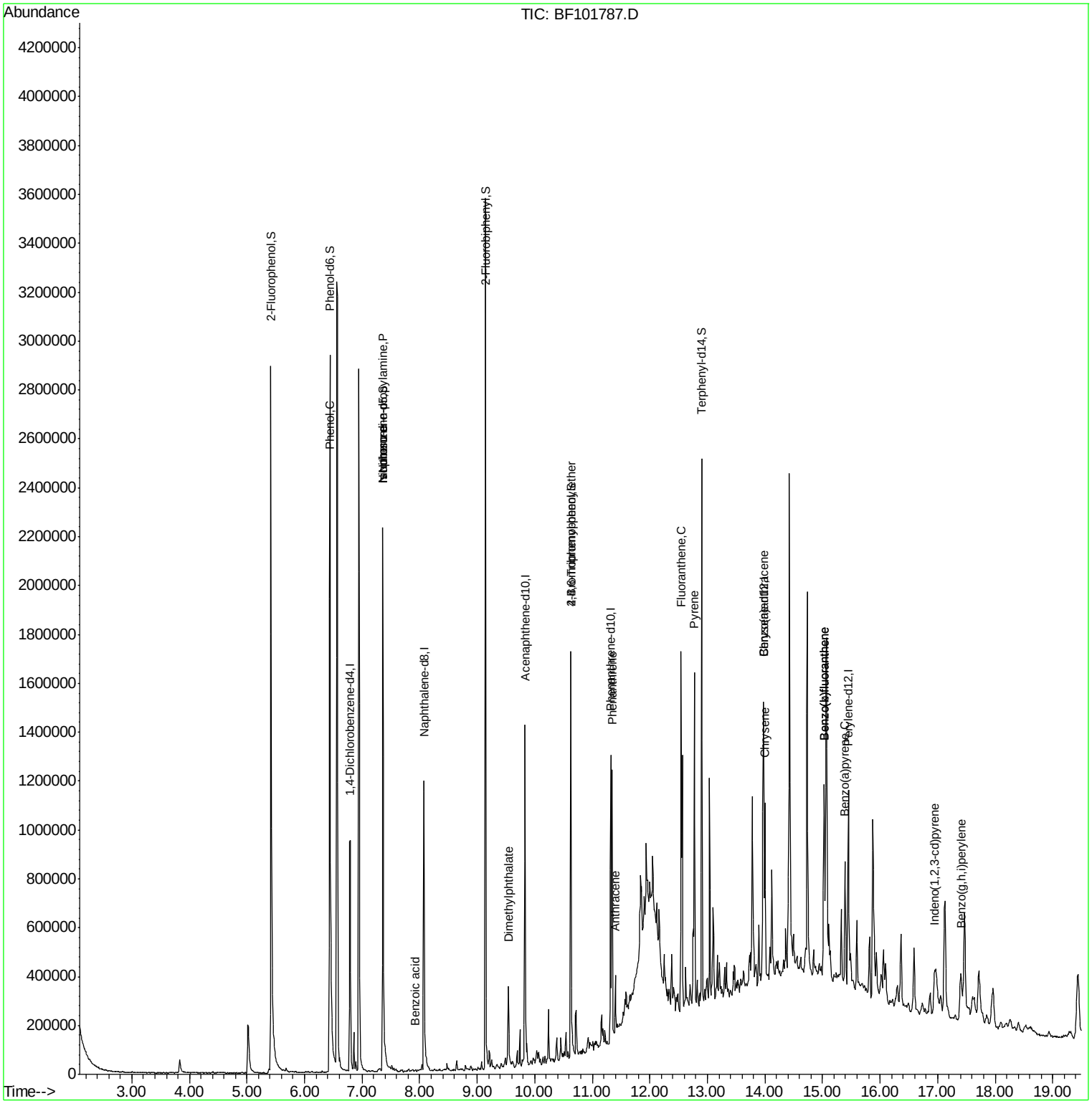
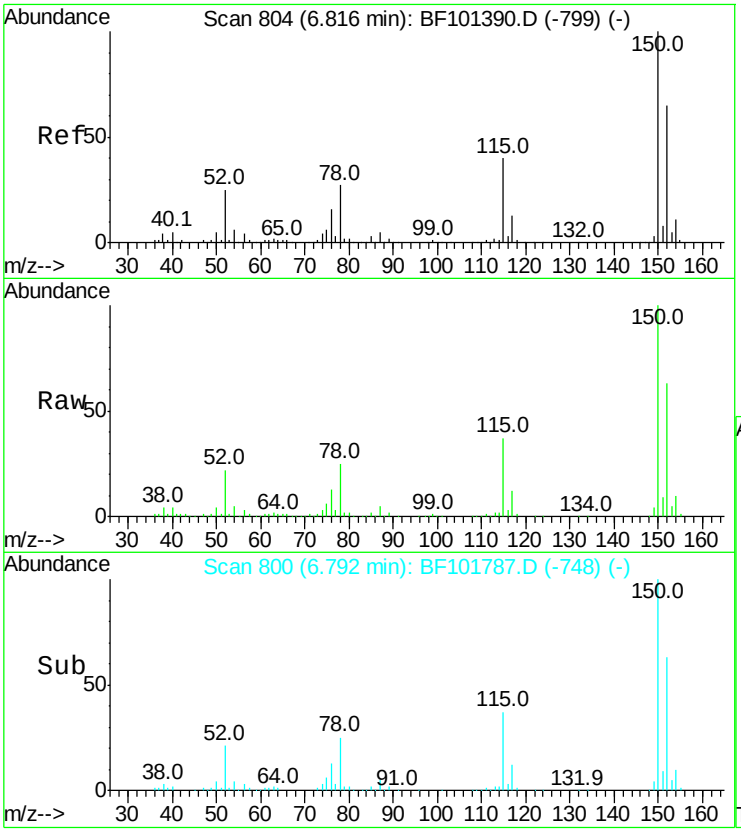


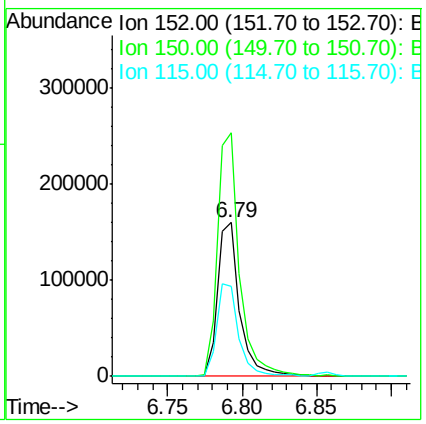


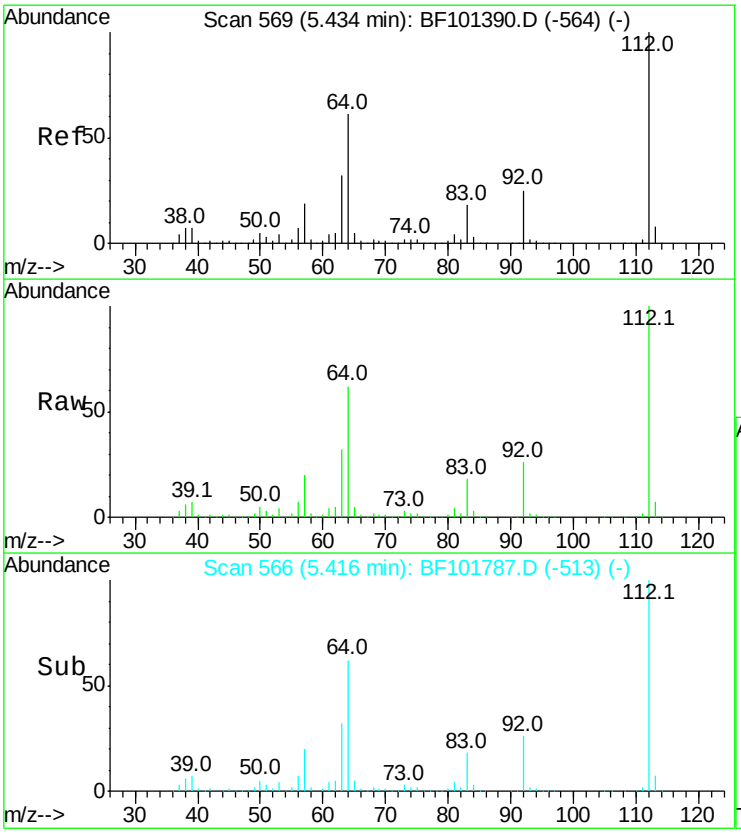
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 167357

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	58.9	50.1	75.1

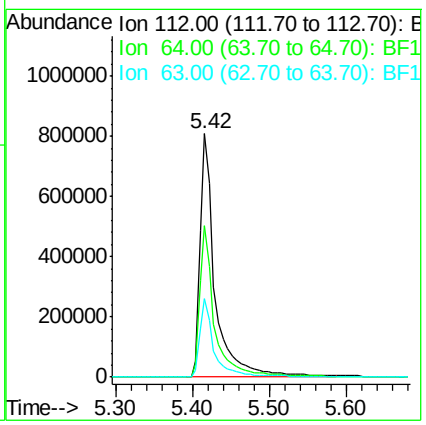


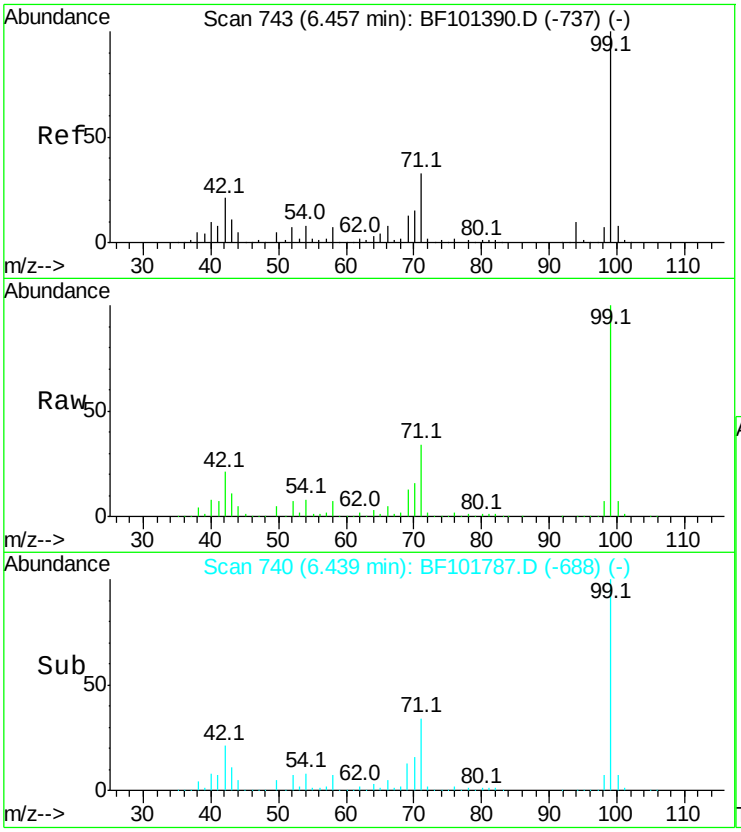


#5
2-Fluorophenol
Concen: 98.959 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:112 Resp: 1111827

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.9	71.9
63	32.2	23.7	35.5



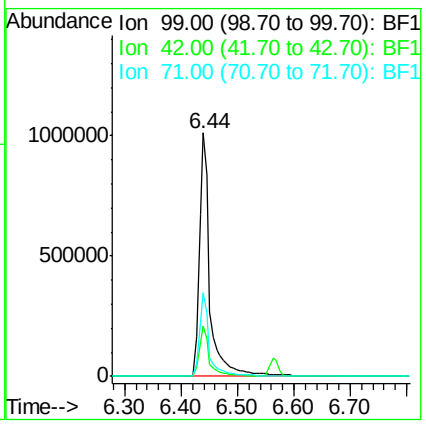


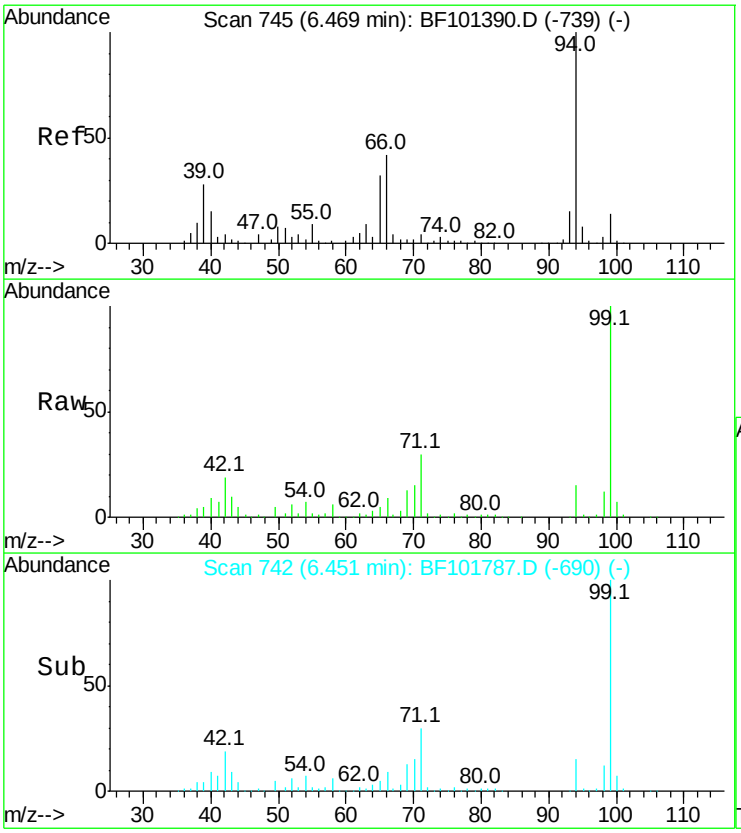
#7
Phenol-d6
Concen: 95.063 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1329227

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	34.1	25.4	38.0

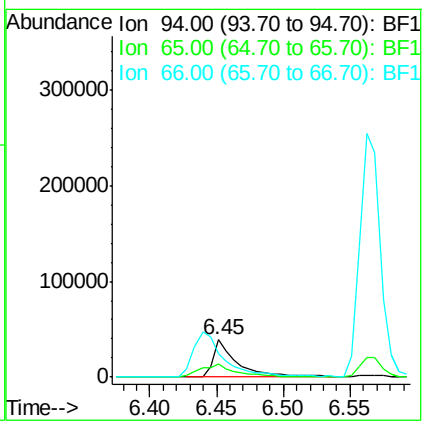


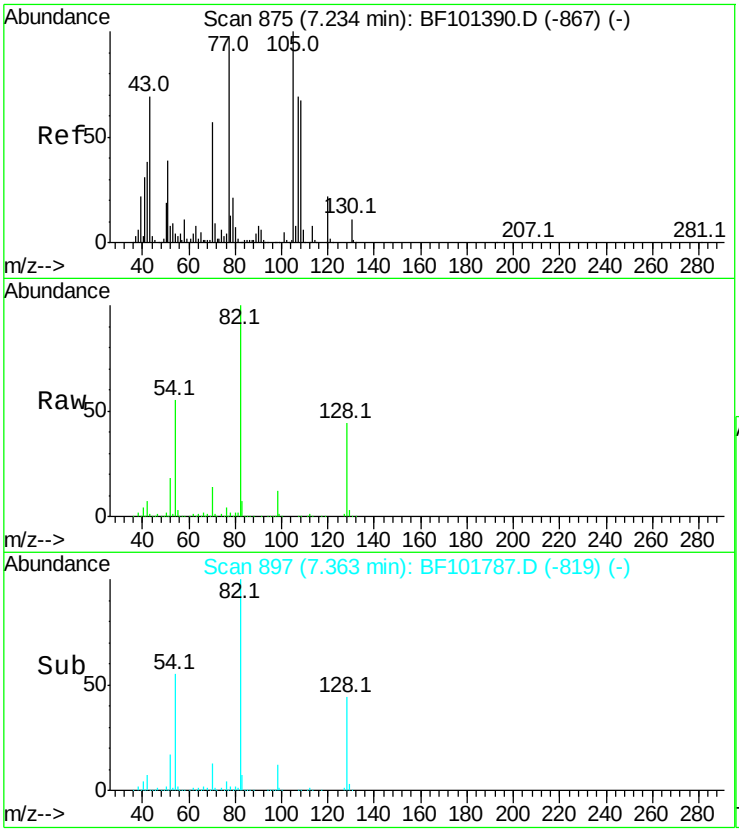


#10
Phenol
Concen: 3.150 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion: 94 Resp: 50197

Ion	Ratio	Lower	Upper
94	100		
65	34.5	7.9	47.9
66	62.9	16.2	56.2#



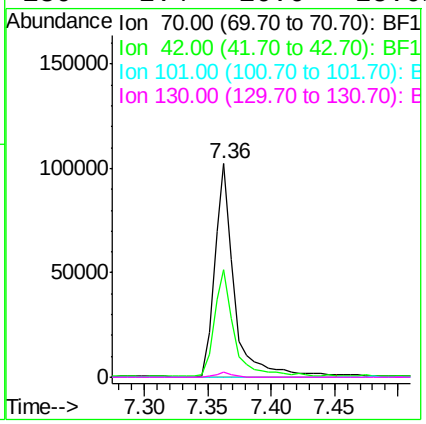


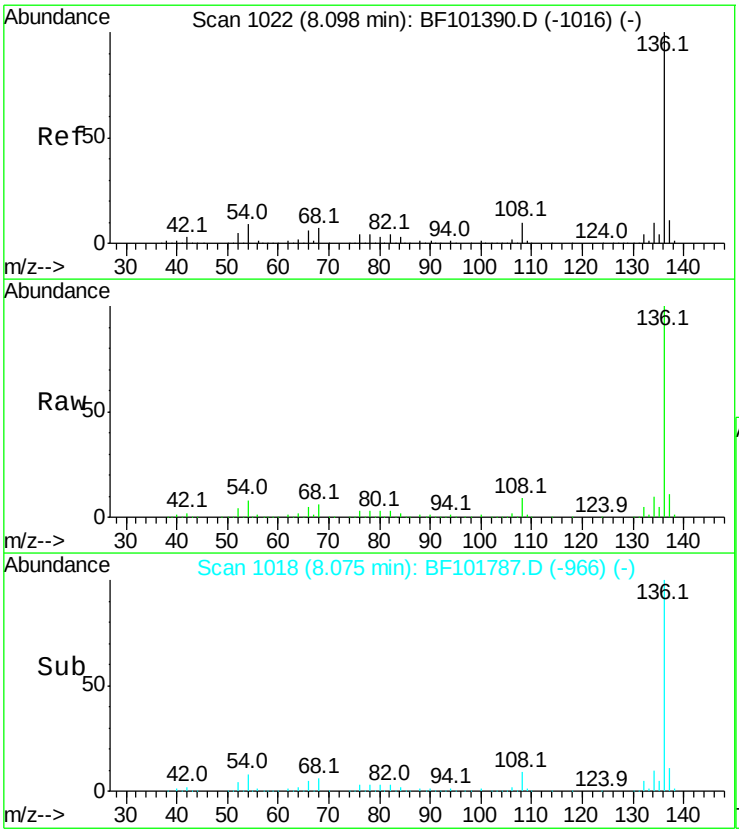
#19
n-Nitroso-di-n-propylamine
Concen: 12.139 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.16 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 111465

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

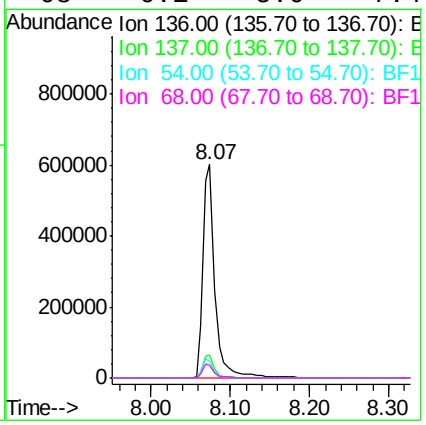


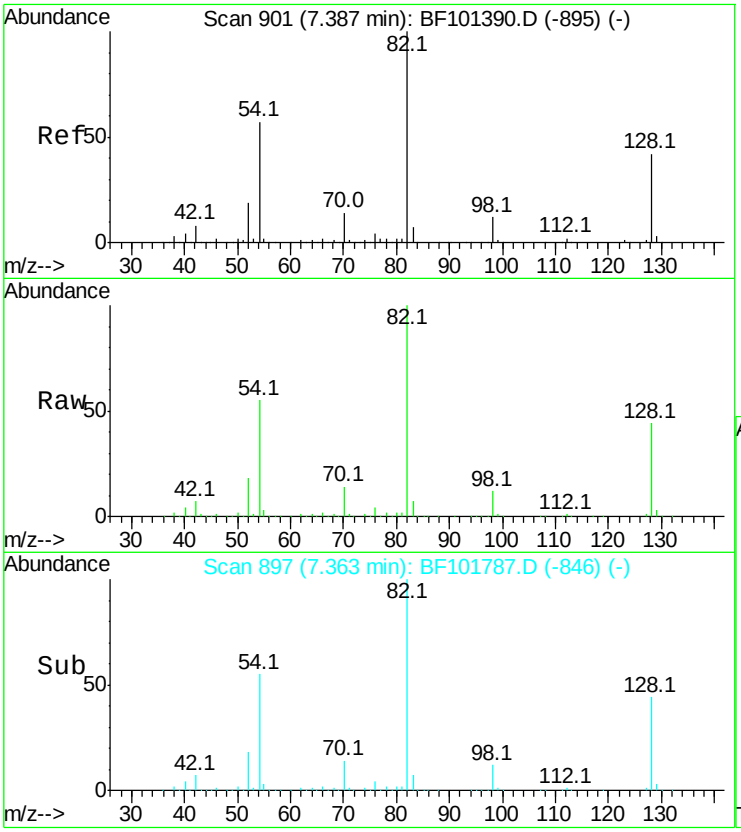


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:136 Resp: 643008

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	6.1	5.0	7.4



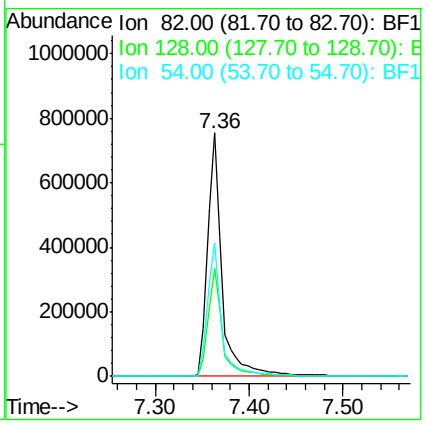


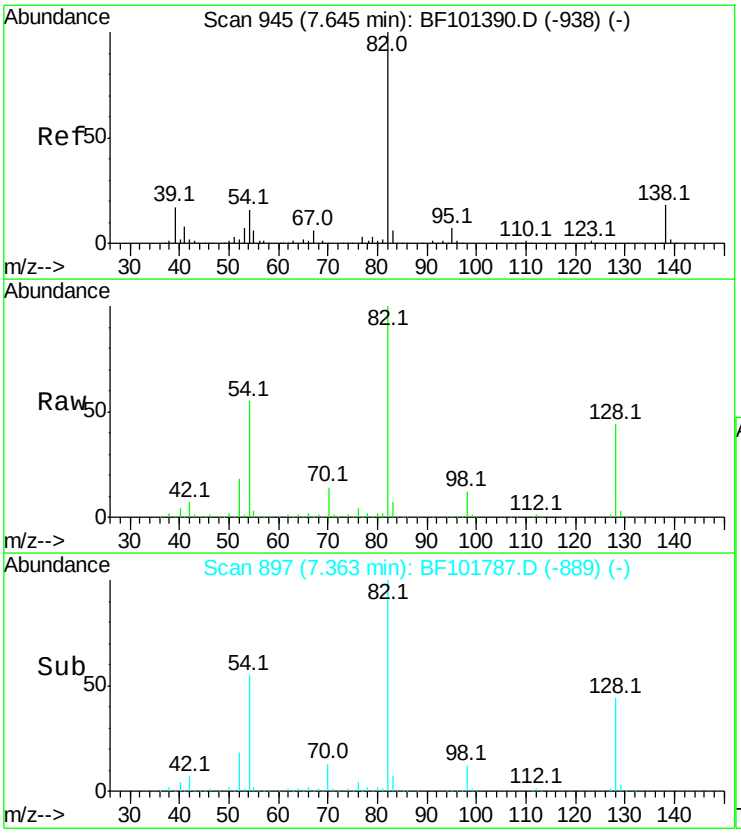
#23
Nitrobenzene-d5
Concen: 71.662 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 827785

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	54.8	41.4	62.2

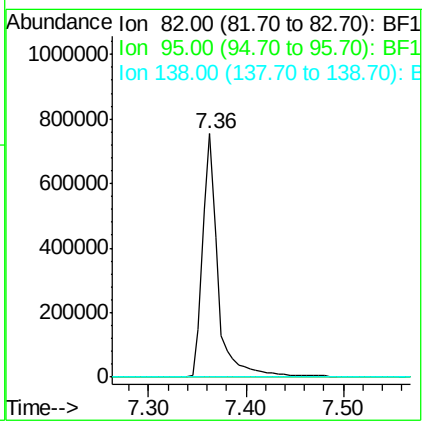


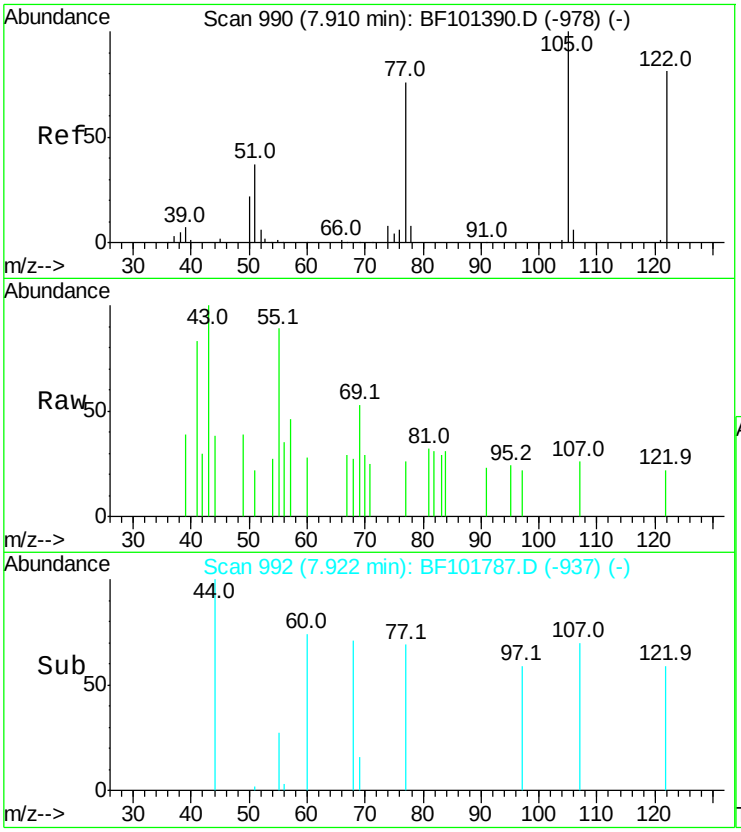


#25
Isophorone
Concen: 35.722 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion: 82 Resp: 827778

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



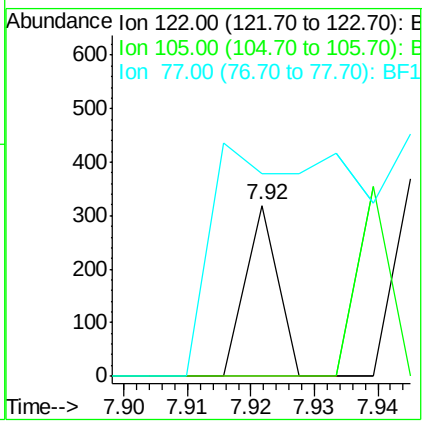


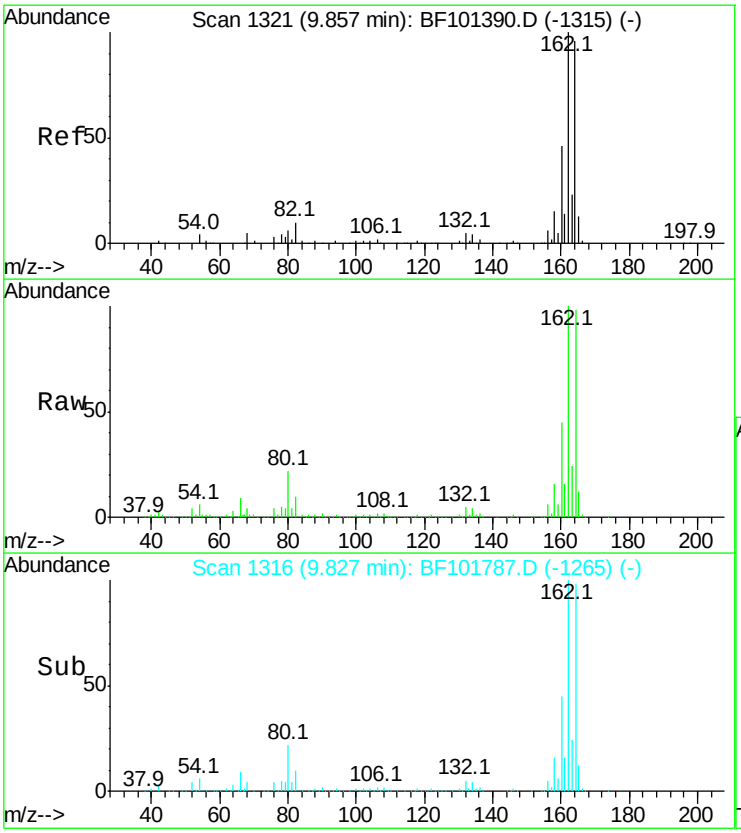
#32
Benzoic acid
Concen: 7.976 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.02 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 113

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	118.5	70.7	110.7#

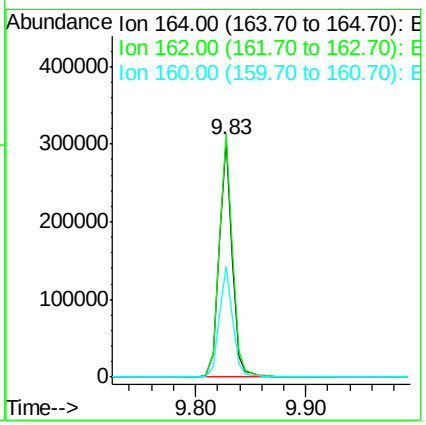


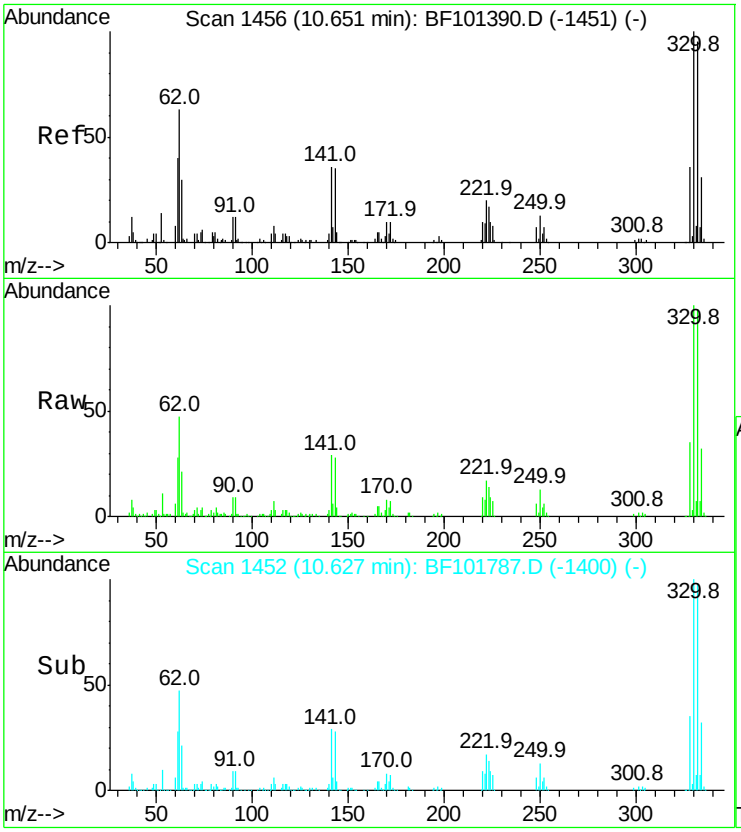


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:164 Resp: 253447

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.4	38.3	57.5



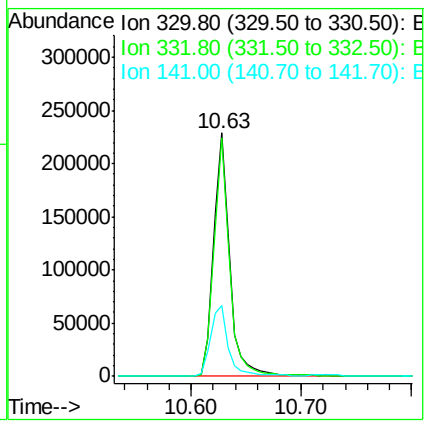


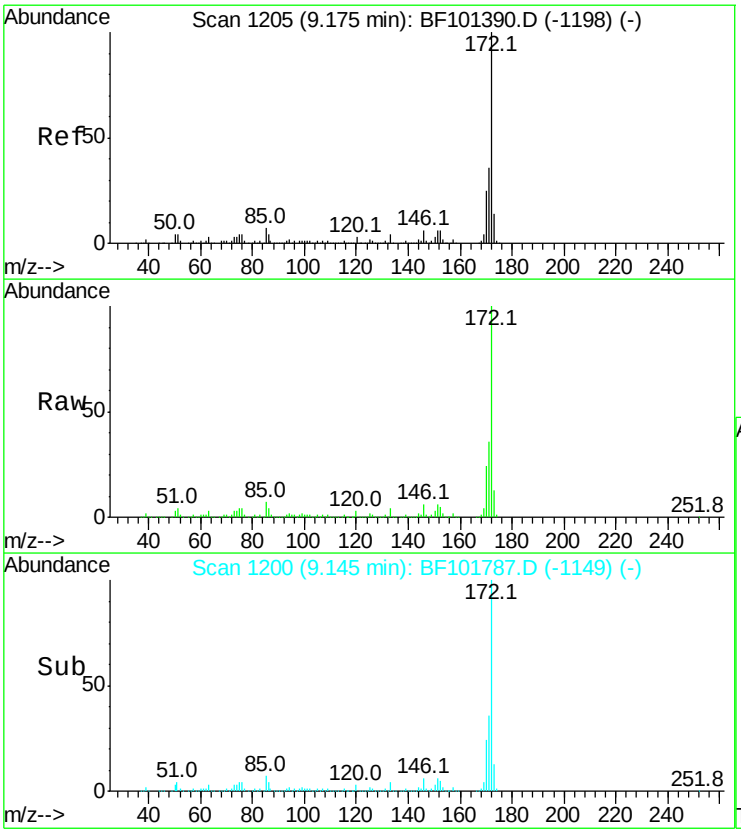
#41
2,4,6-Tribromophenol
Concen: 94.193 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 230034

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.2	29.9	44.9

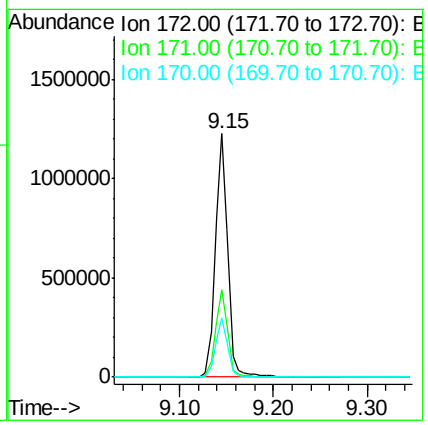


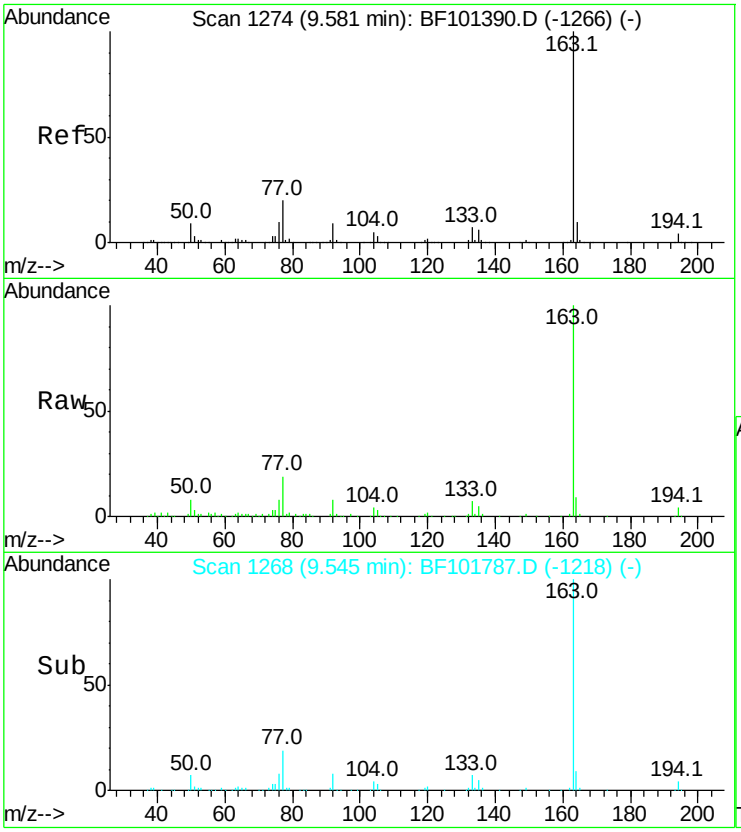


#44
2-Fluorobiphenyl
Concen: 70.598 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:172 Resp: 1153455

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4



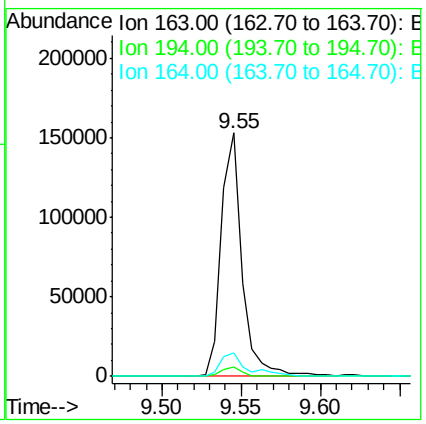


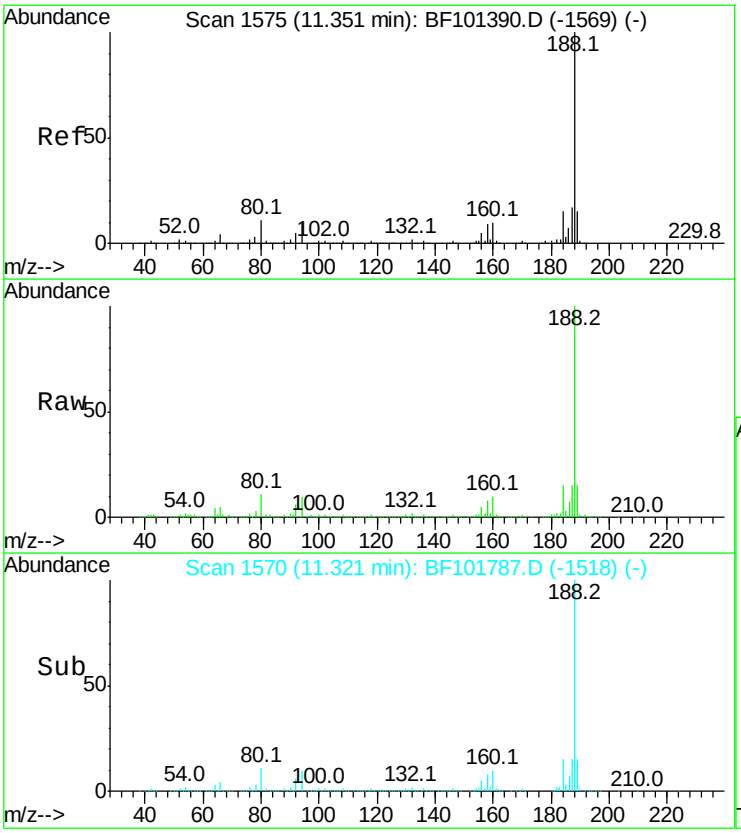
#49
Dimethylphthalate
Concen: 6.851 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 139661

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.4	8.2	12.2

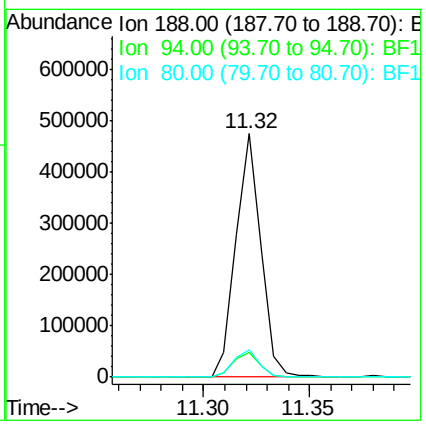


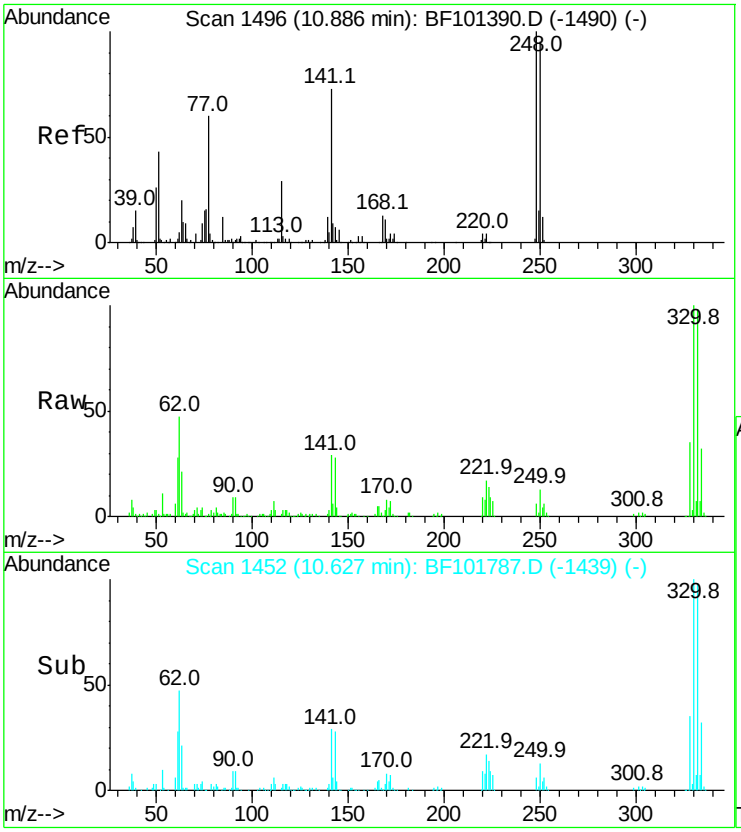


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:188 Resp: 388021

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



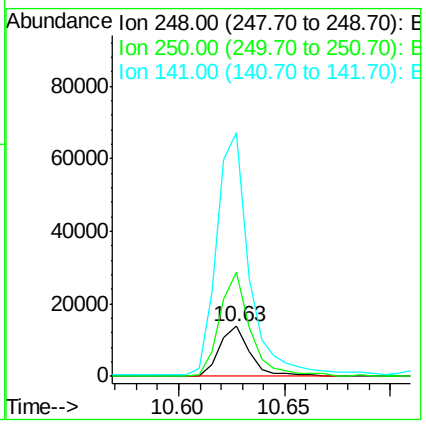


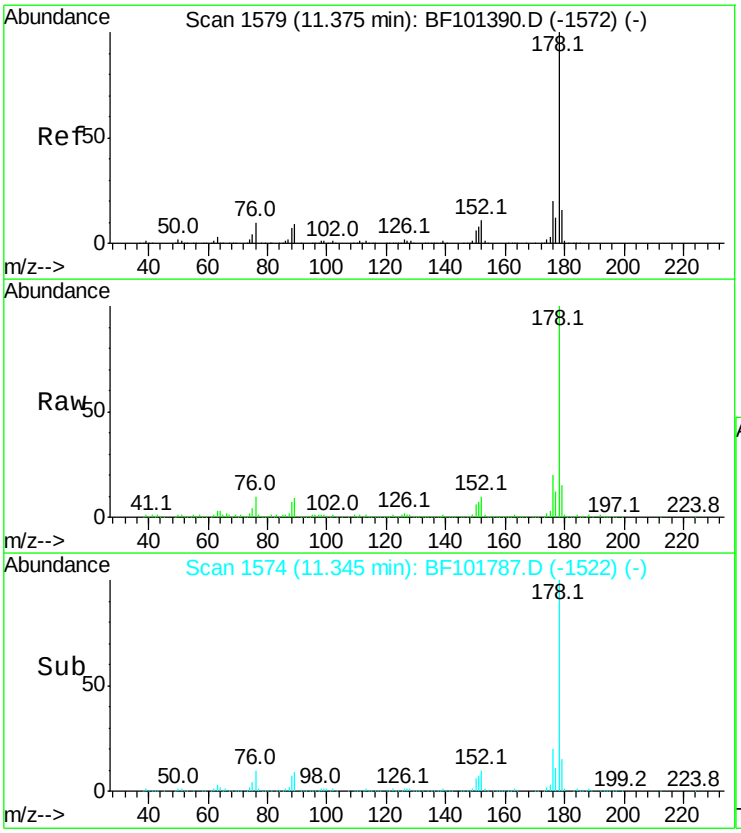
#66
4-Bromophenyl-phenylether
Concen: 3.181 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.22 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13870

Ion	Ratio	Lower	Upper
248	100		
250	209.1	76.9	115.3#
141	486.9	74.4	111.6#

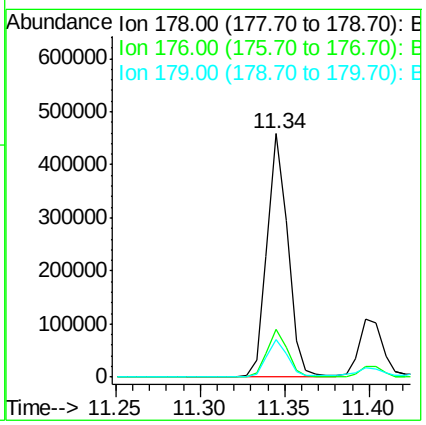


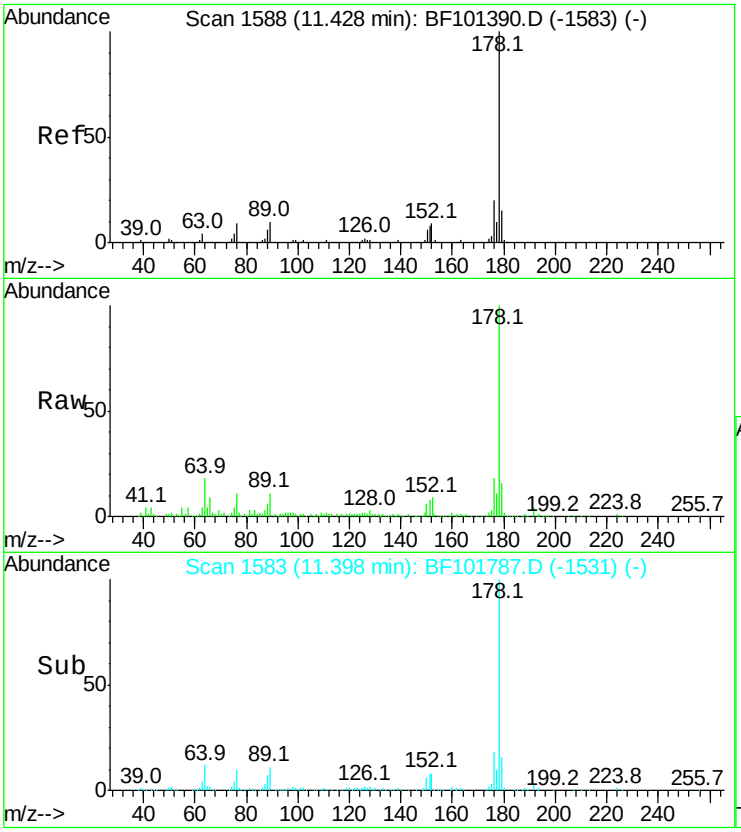


#70
Phenanthrene
Concen: 18.214 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:178 Resp: 393035

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6



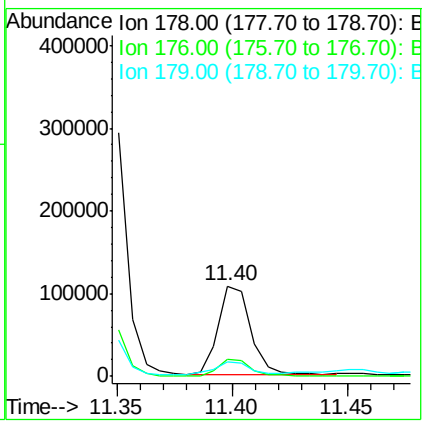


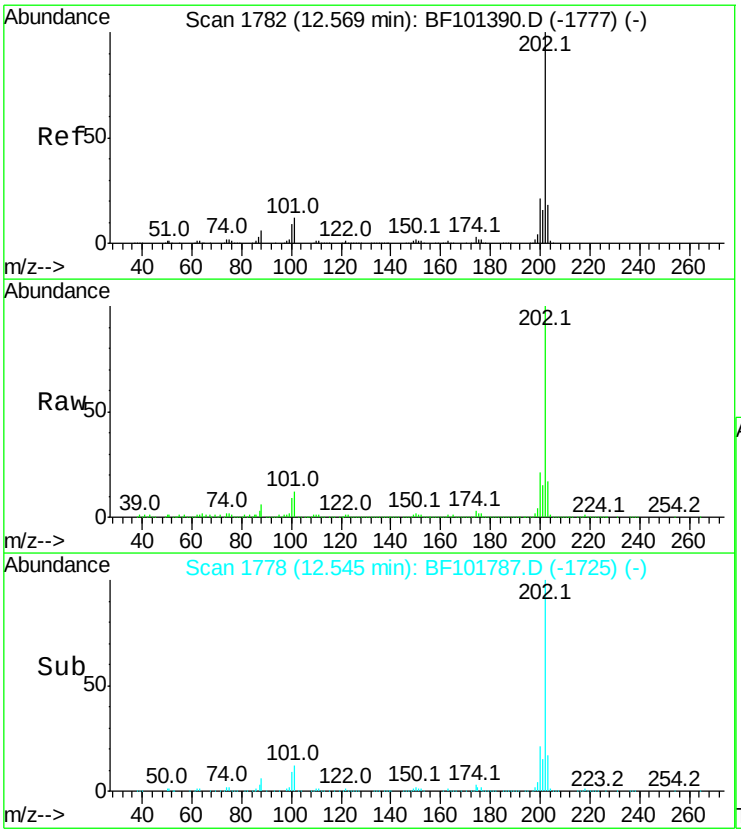
#71
Anthracene
Concen: 4.769 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 105122

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.5	12.6	19.0

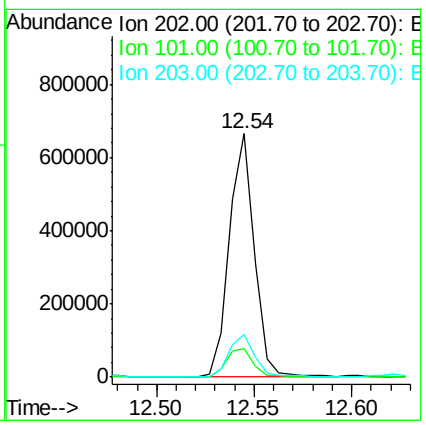


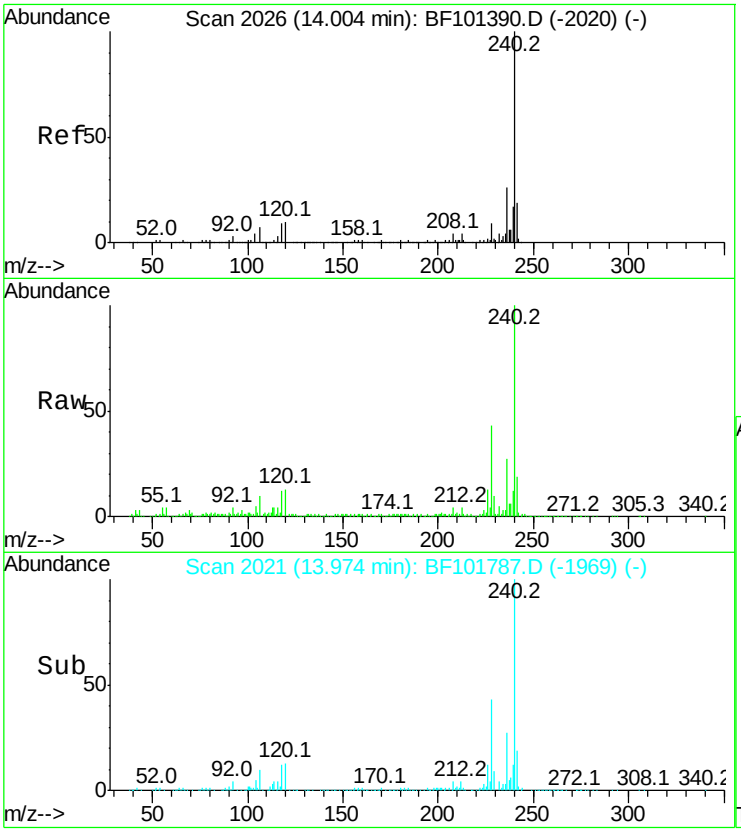


#74
Fluoranthene
Concen: 26.030 ng
RT: 12.54 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:202 Resp: 589571

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.5	0.0	38.1



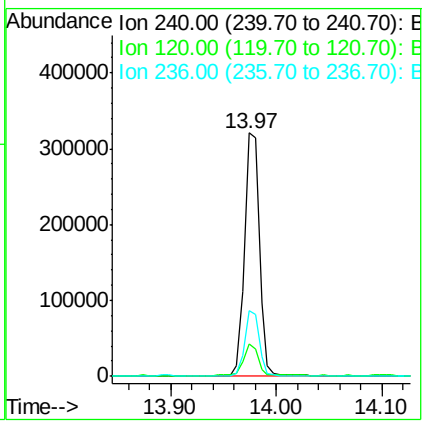


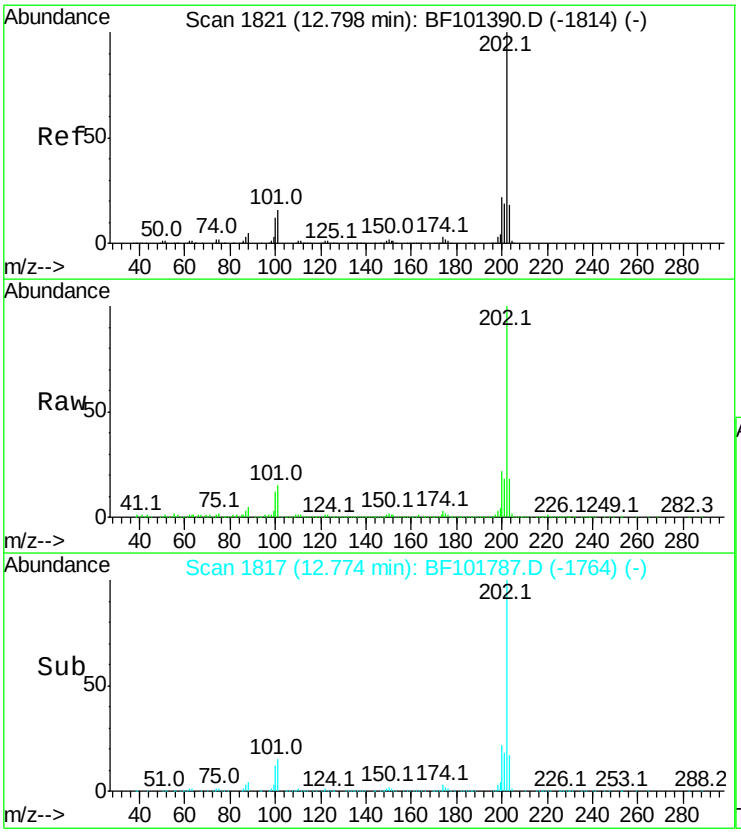
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 311388

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	27.1	20.7	31.1

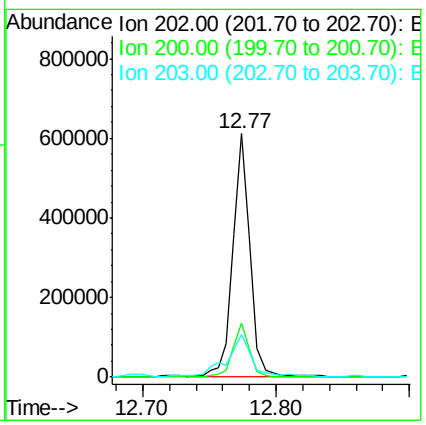


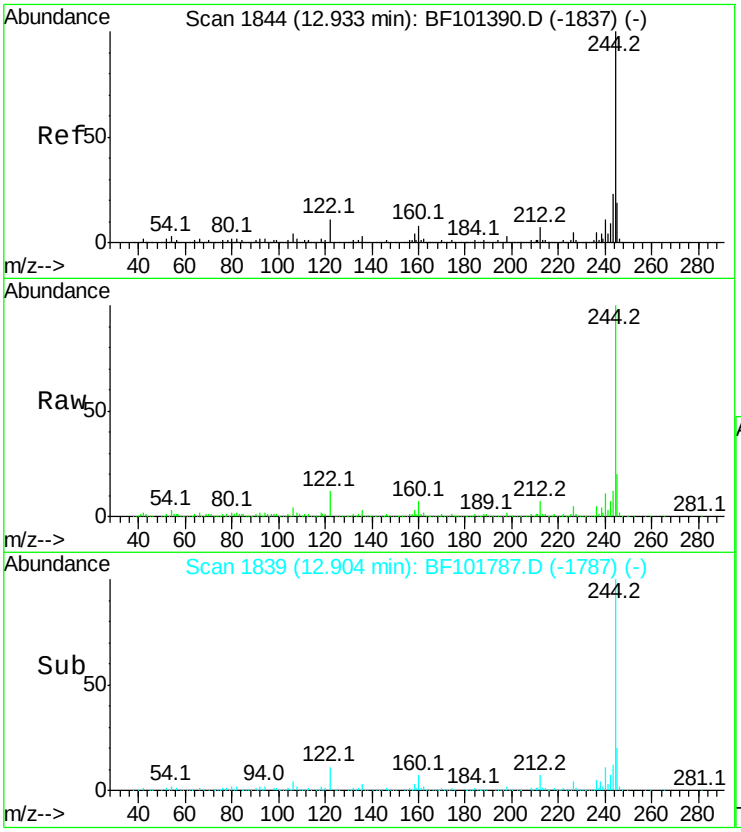


#77
Pyrene
Concen: 23.511 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:202 Resp: 549448

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.7	14.3	21.5



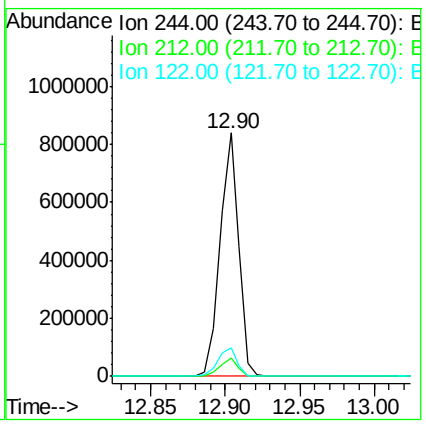


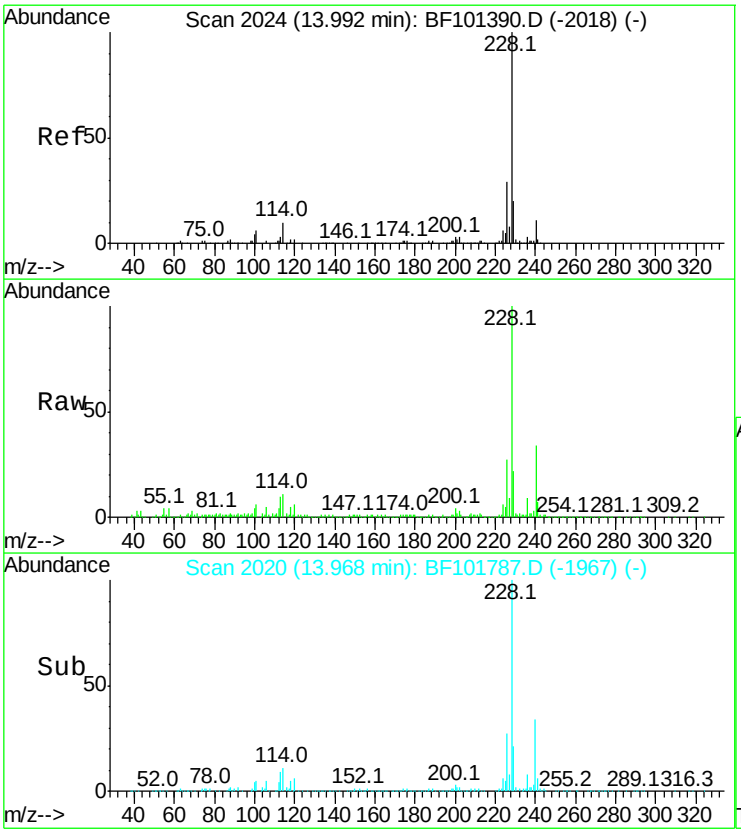
#78
Terphenyl-d14
Concen: 57.526 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 743036

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.6	11.0	16.4

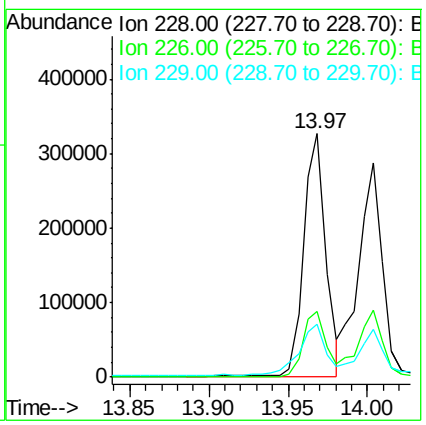


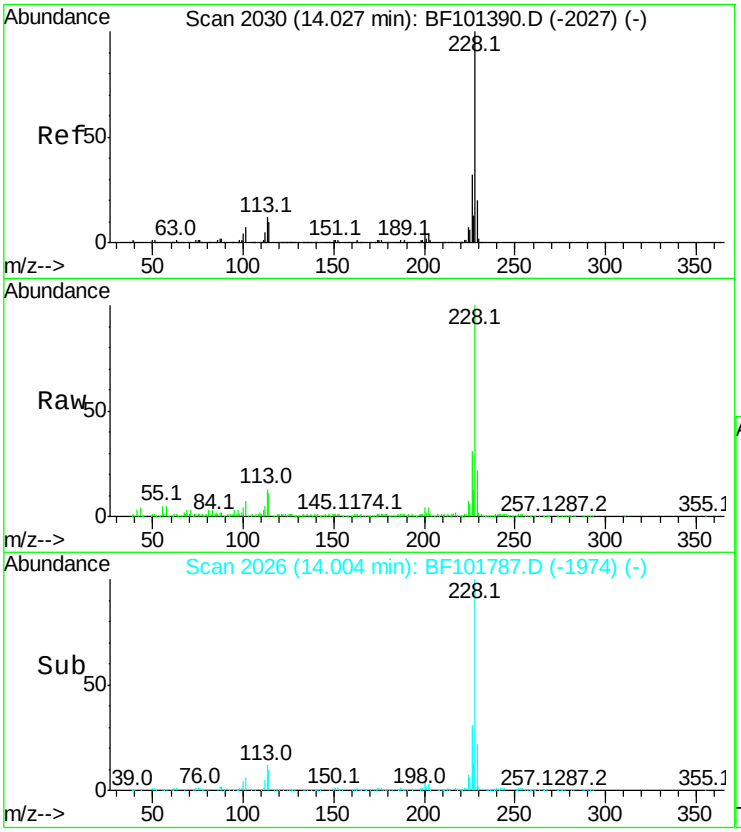


#80
Benzo(a)anthracene
Concen: 15.162 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:228 Resp: 311760

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	21.6	15.8	23.6



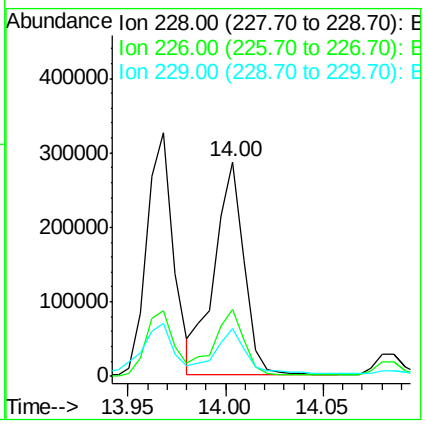


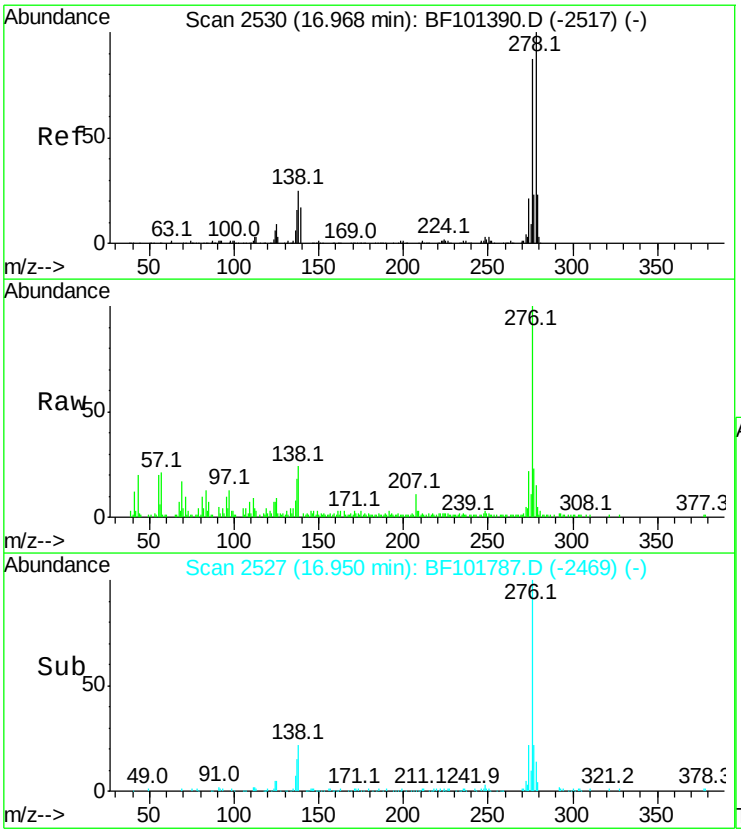
#82
Chrysene
Concen: 15.554 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 301971

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.1	16.2	24.4

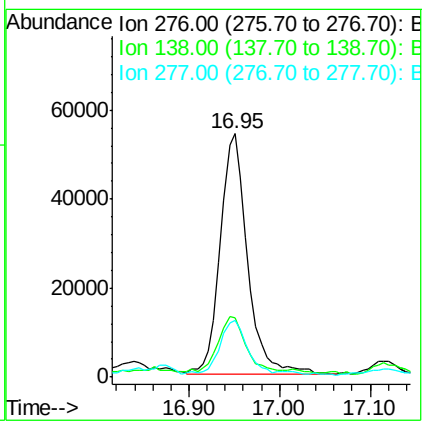


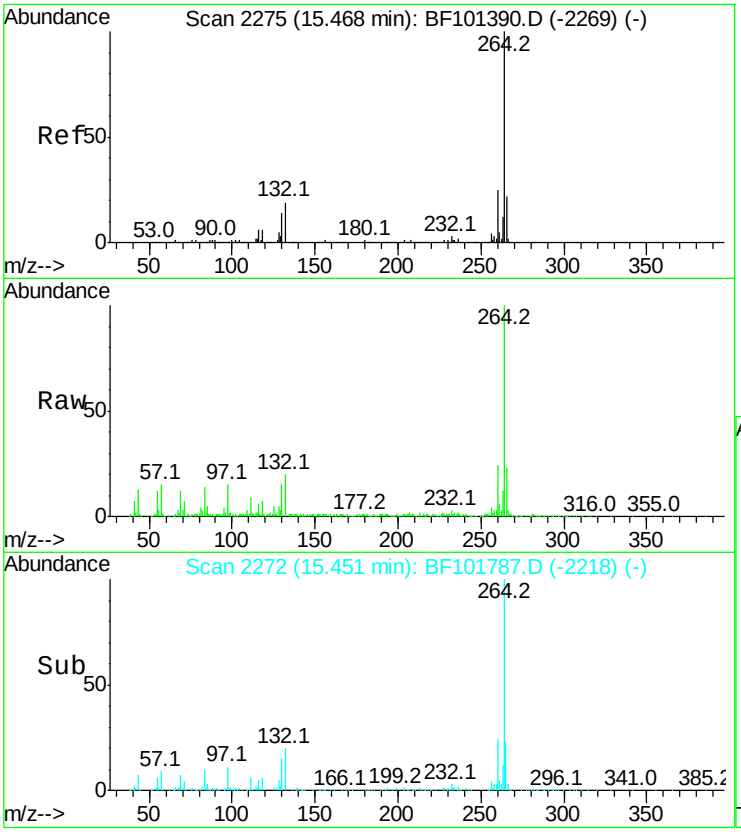


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.556 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.04 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:276 Resp: 113335

Ion	Ratio	Lower	Upper
276	100		
138	22.9	25.0	37.6#
277	21.0	20.1	30.1



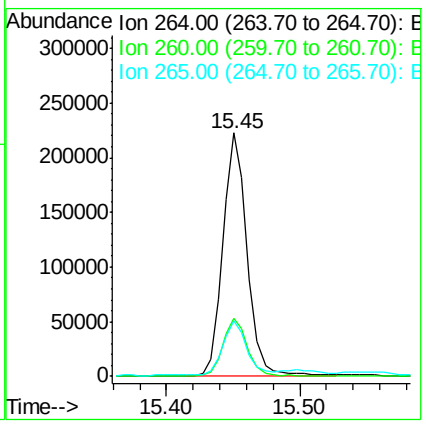


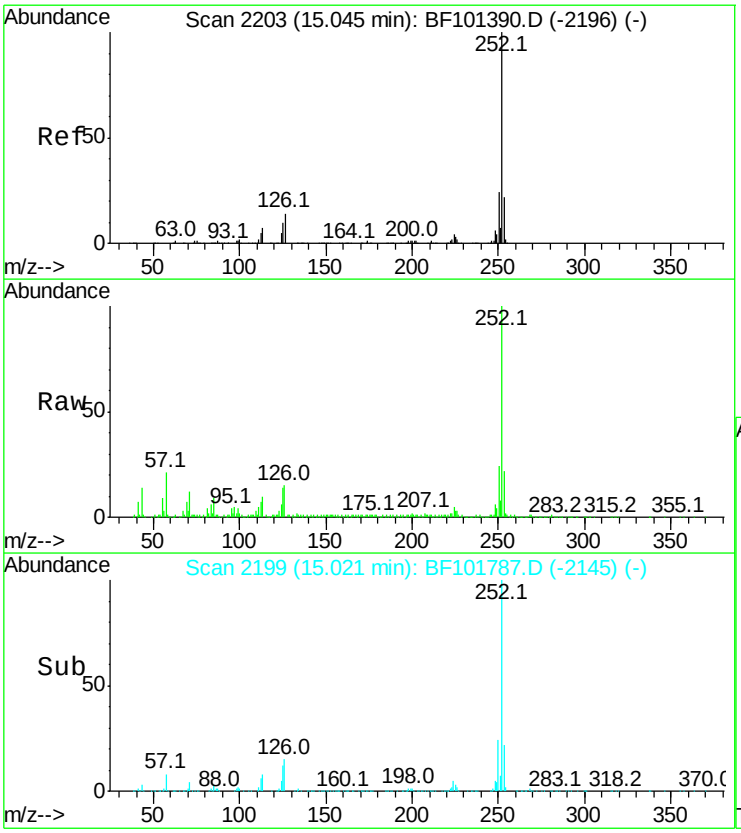
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 282135

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	23.0	17.5	26.3

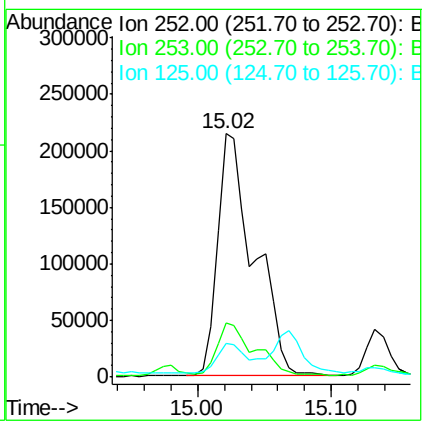


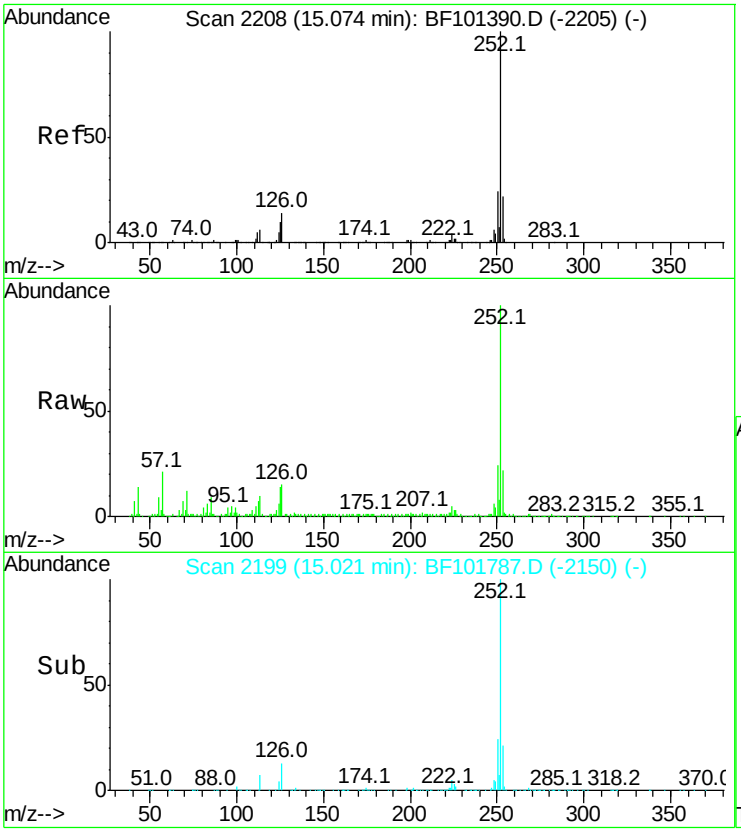


#87
Benzo(b)fluoranthene
Concen: 23.767 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:252 Resp: 408720

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.6	9.0	13.6#



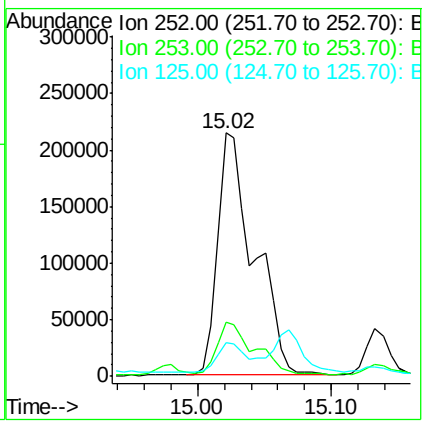


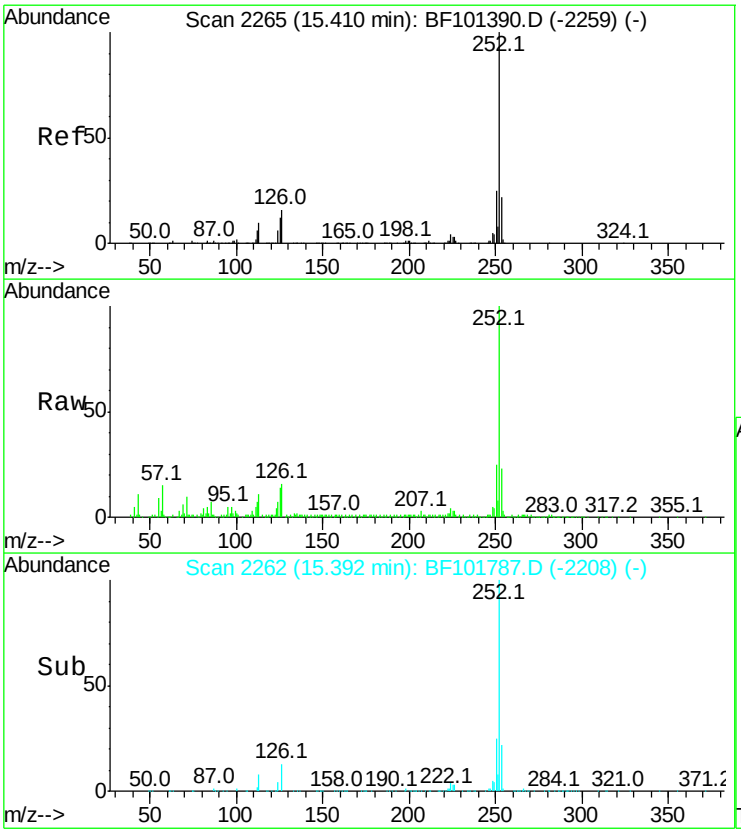
#88
Benzo(k)fluoranthene
Concen: 24.445 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 408720

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.6	10.2	15.2

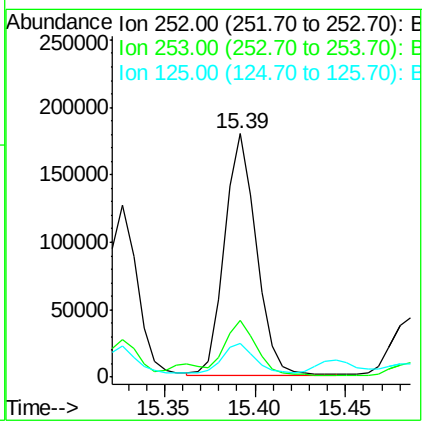


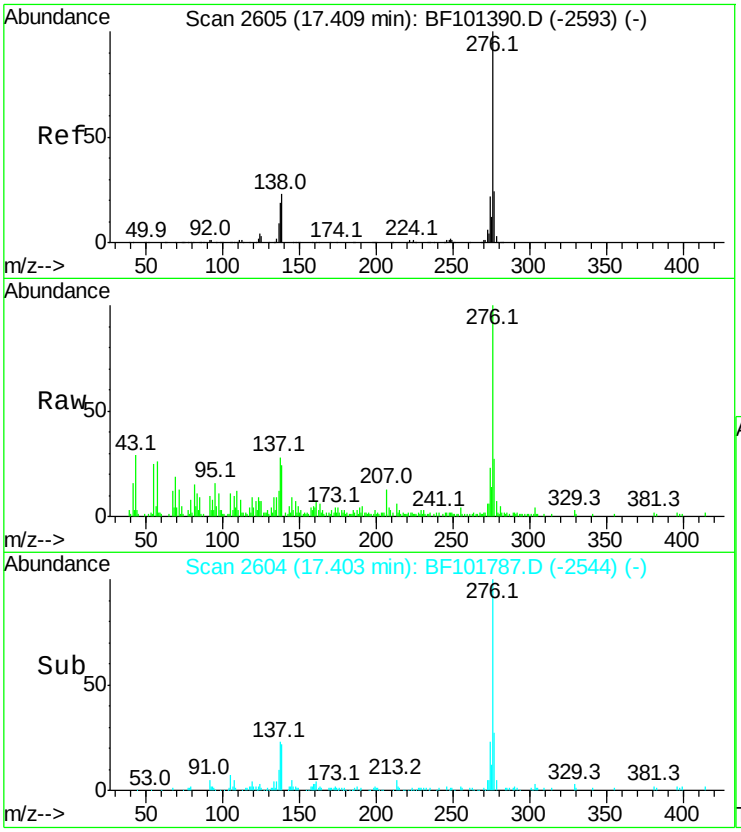


#89
Benzo(a)pyrene
Concen: 13.862 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.02 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Tgt Ion:252 Resp: 219746

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	13.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 7.157 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.05 min
Lab File: BF101787.D
Acq: 28 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 96457

Ion	Ratio	Lower	Upper
276	100		
277	27.5	17.9	26.9#
138	24.2	21.8	32.8