Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101782.D
Acq On : 28 Dec 2017 00:09
Operator : SJ/JU
Sample : I7064-11 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 28 04:12:33 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	154879	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	598835	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	247177	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	396082	20.00	ng		0.00
75) Chrysene-d12	13.97	240	297804	20.00	ng		0.00
86) Perylene-d12	15.44	264	264737	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	590678	56.81	ng		0.00
7) Phenol-d6	6.44	99	721216	55.73	ng		0.00
23) Nitrobenzene-d5	7.36	82	420741	39.11	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	124497	52.27	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	653516	41.01	ng		0.00
78) Terphenyl-d14	12.90	244	431154	34.90	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	29653	2.011	ng	#	51
19) n-Nitroso-di-n-propylamine	7.36	70	55063	6.479	ng	#	84
25) Isophorone	7.36	82	420741	19.496	ng	#	64
49) Dimethylphthalate	9.55	163	46185	2.323	ng		96
50) 2,6-Dinitrotoluene	9.83	165	31303	7.747	ng	#	26
56) 2,4-Dinitrotoluene	9.83	165	31303	6.876	ng	#	23
70) Phenanthrene	11.35	178	137711	6.252	ng		97
71) Anthracene	11.40	178	45633	2.028	ng		98
74) Fluoranthene	12.54	202	217244	9.396	ng		98
77) Pyrene	12.77	202	202626	9.066	ng		99
80) Benzo(a)anthracene	13.96	228	107285	5.456	ng		97
82) Chrysene	14.00	228	98104	5.284	ng		99
85) Indeno(1,2,3-cd)pyrene	16.94	276	36558	2.211	ng	#	91
87) Benzo(b)fluoranthene	15.02	252	144173	8.935	ng	#	96
88) Benzo(k)fluoranthene	15.02	252	144173	9.189	ng		98
89) Benzo(a)pyrene	15.39	252	75080	5.047	ng	#	92
91) Benzo(g,h,i)perylene	17.40	276	34905	2.760	ng	#	95

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

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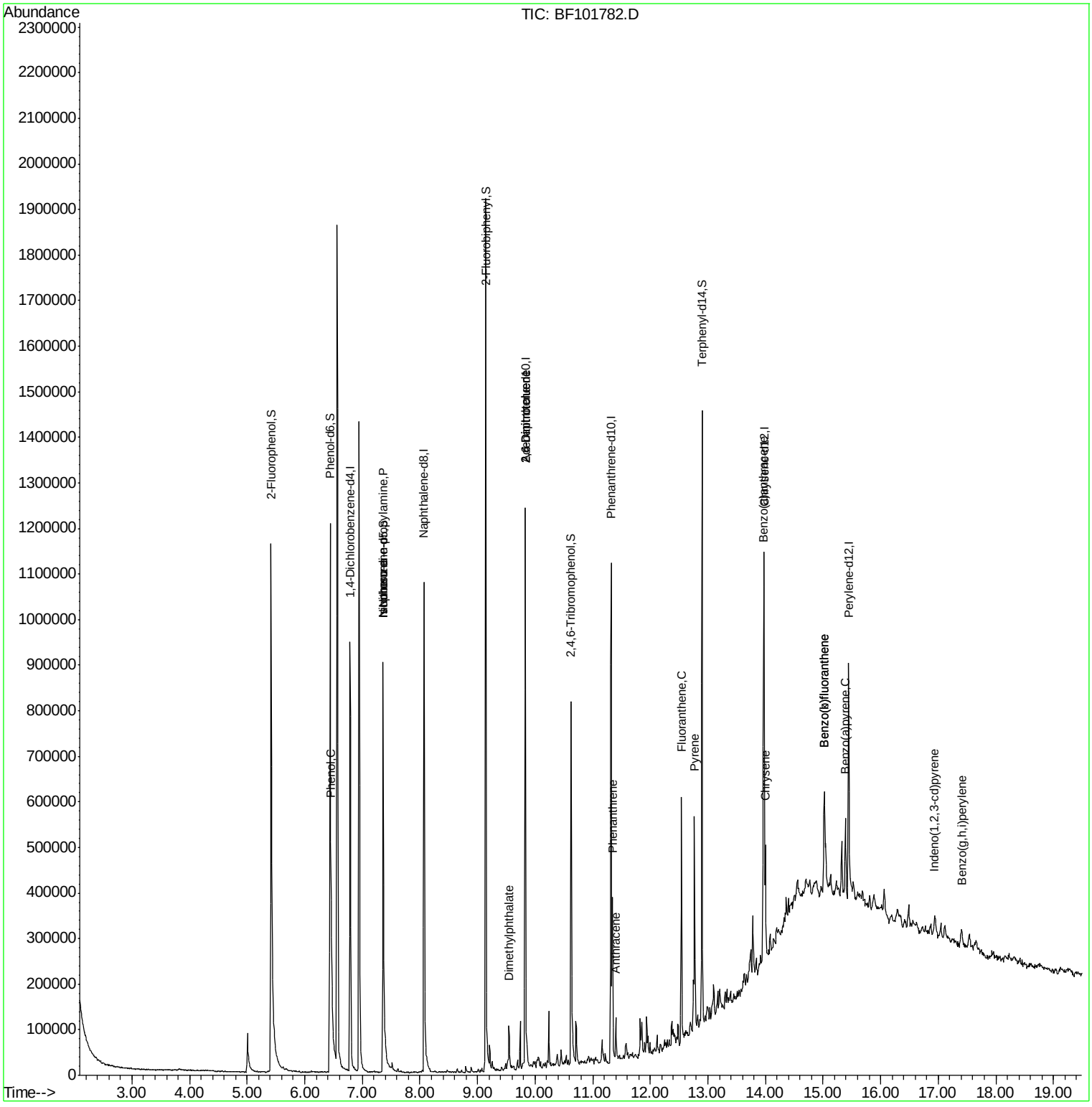
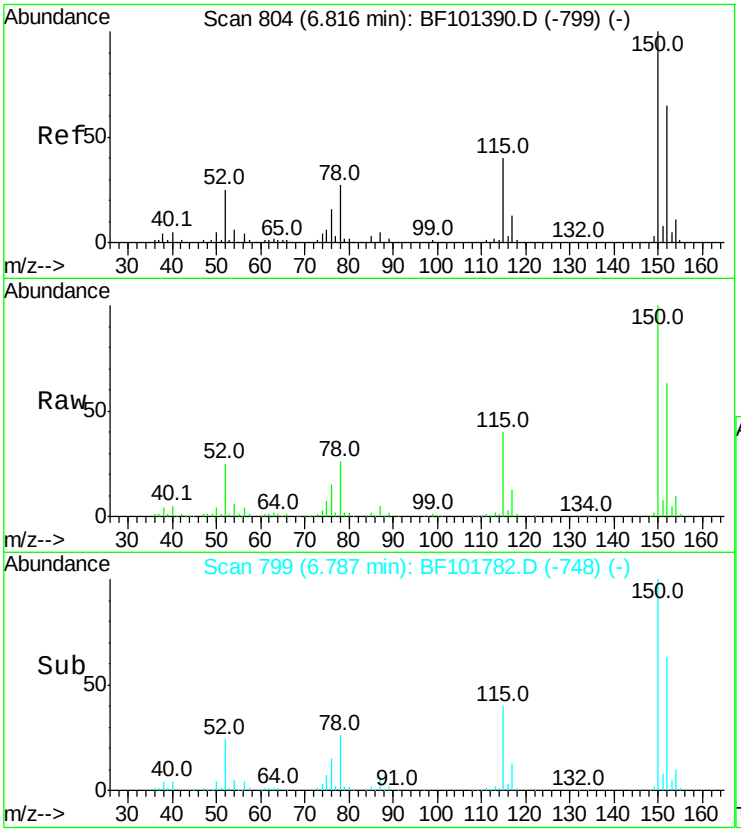


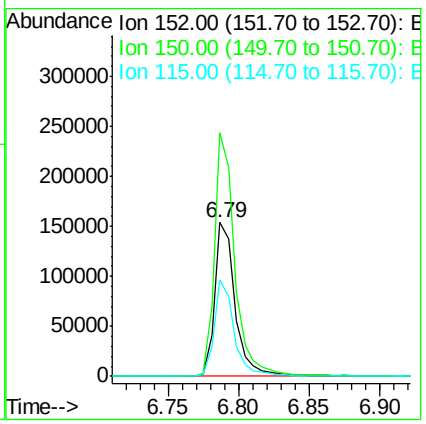


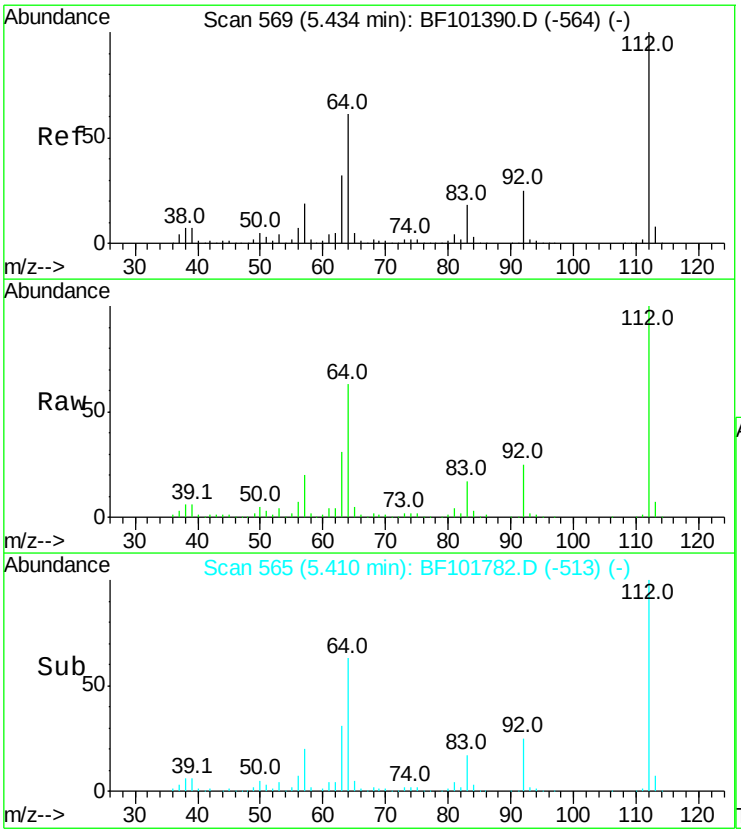
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 154879

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	62.7	50.1	75.1

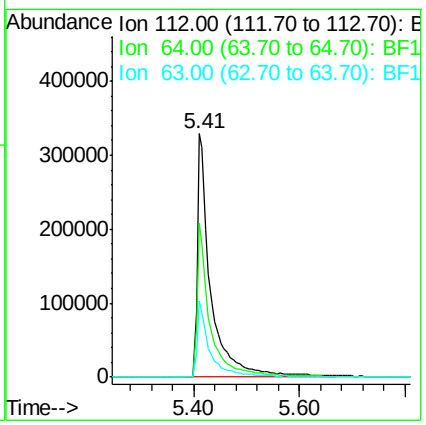


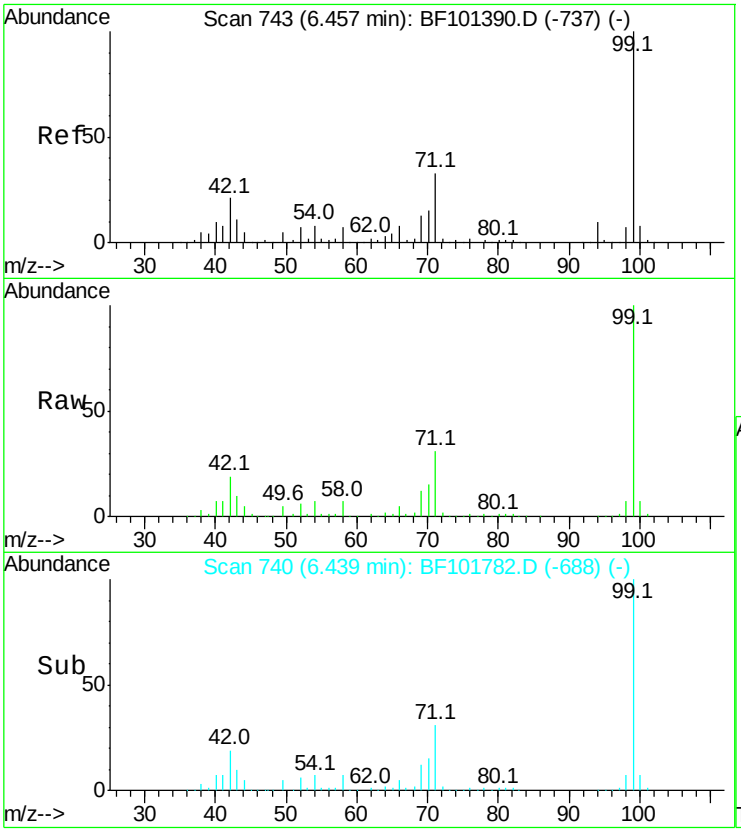


#5
2-Fluorophenol
Concen: 56.810 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:112 Resp: 590678

Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	31.0	23.7	35.5



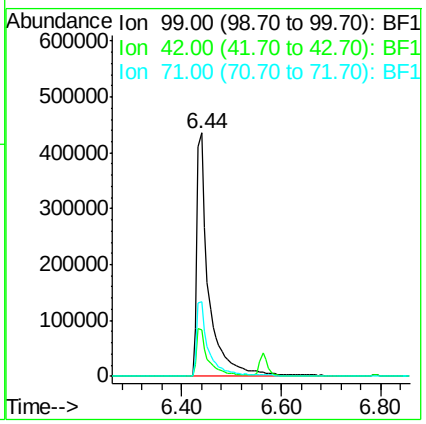


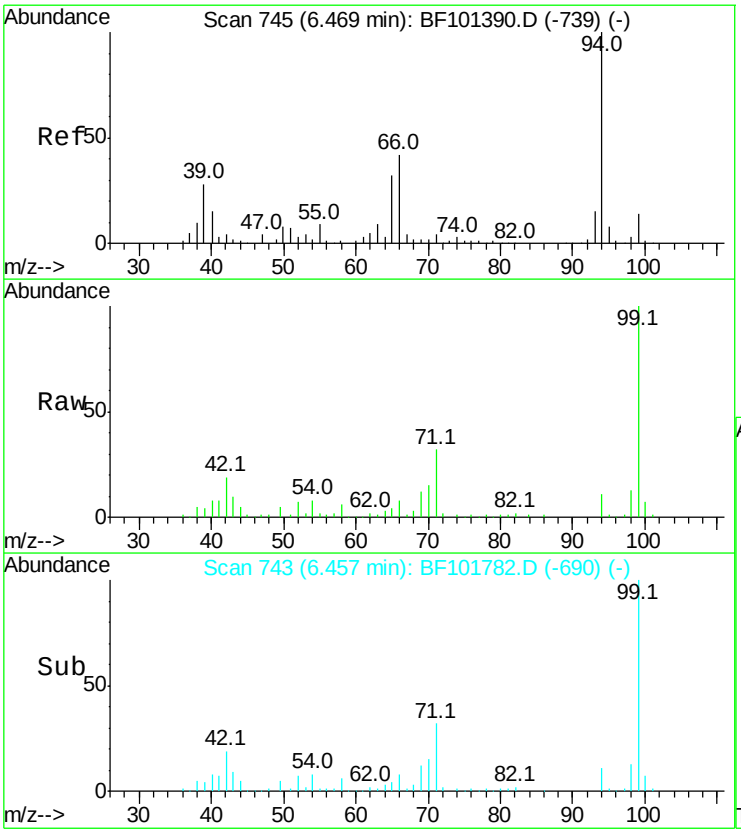
#7
Phenol-d6
Concen: 55.735 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 721216

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	30.8	25.4	38.0

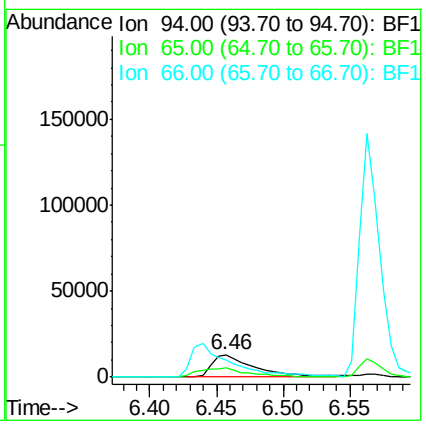


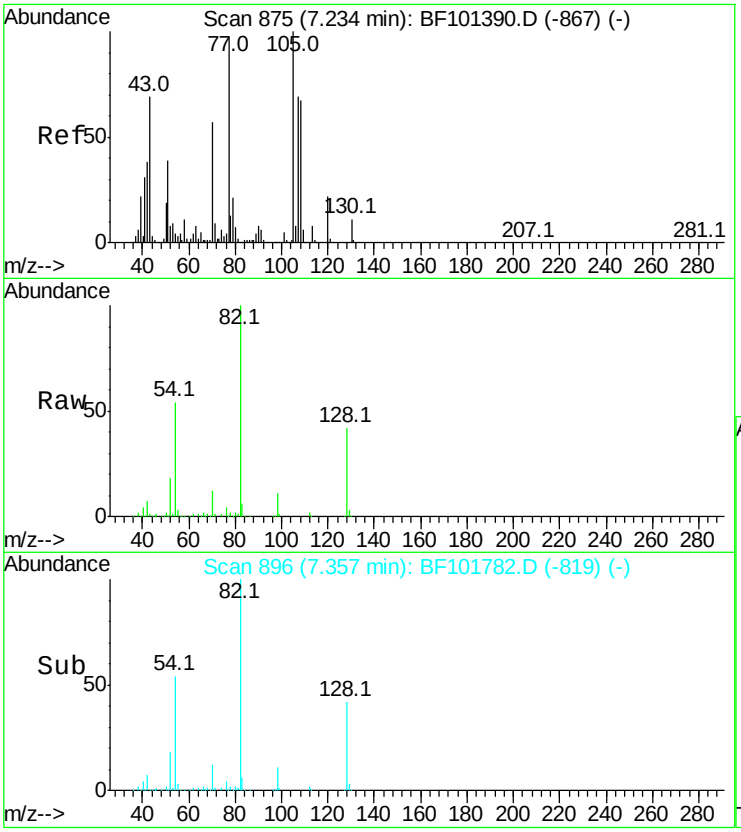


#10
Phenol
Concen: 2.011 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion: 94 Resp: 29653

Ion	Ratio	Lower	Upper
94	100		
65	39.4	7.9	47.9
66	77.2	16.2	56.2#



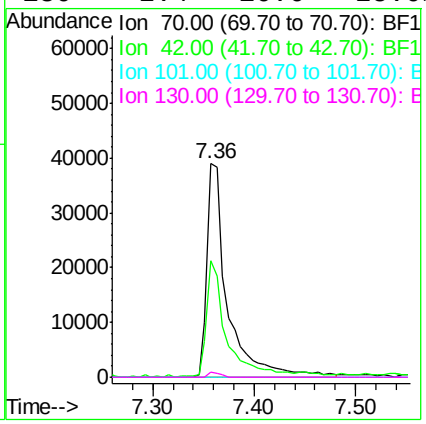


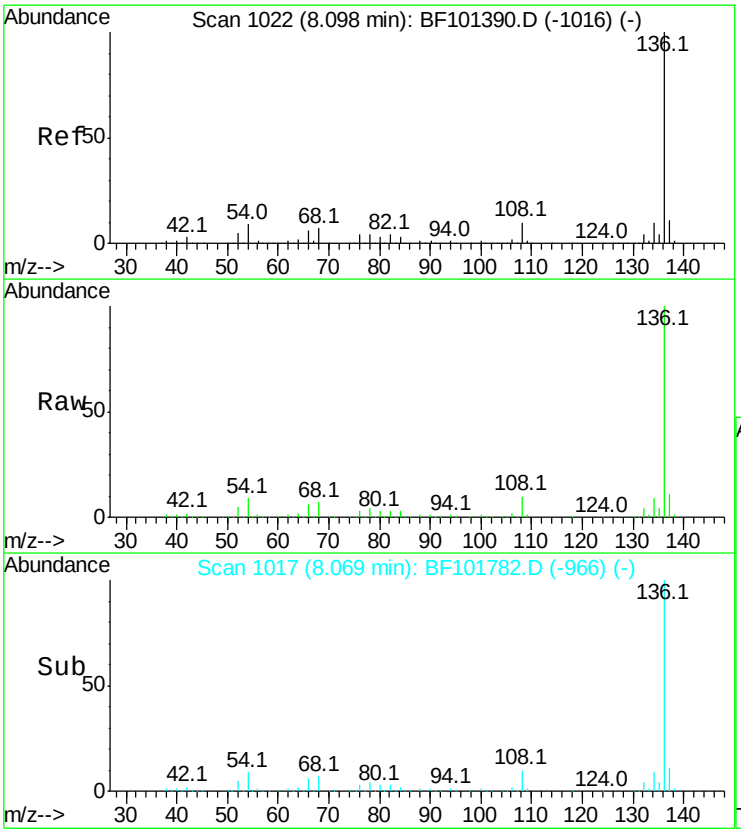
#19
n-Nitroso-di-n-propylamine
Concen: 6.479 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 55063

Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

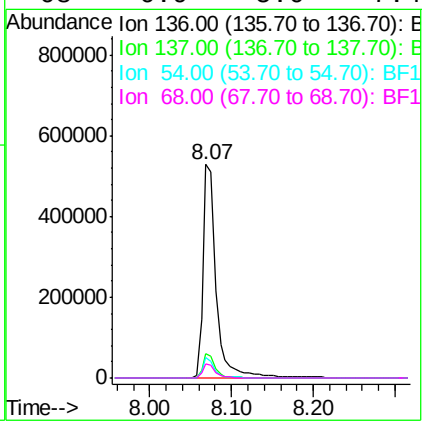


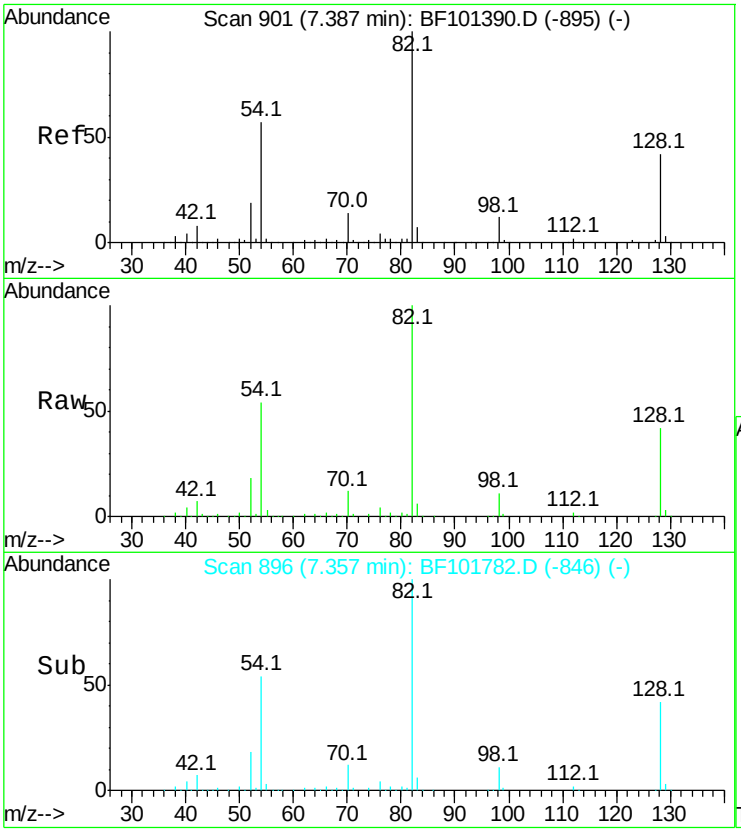


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:136 Resp: 598835

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.5	6.6	9.8
68	6.9	5.0	7.4

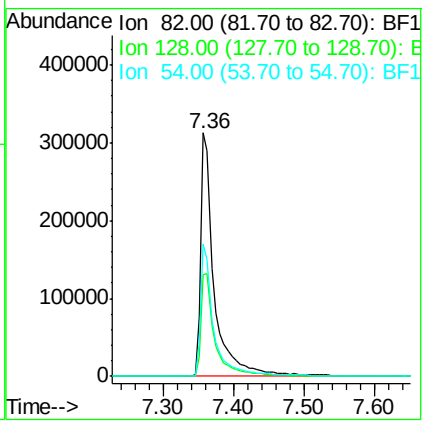




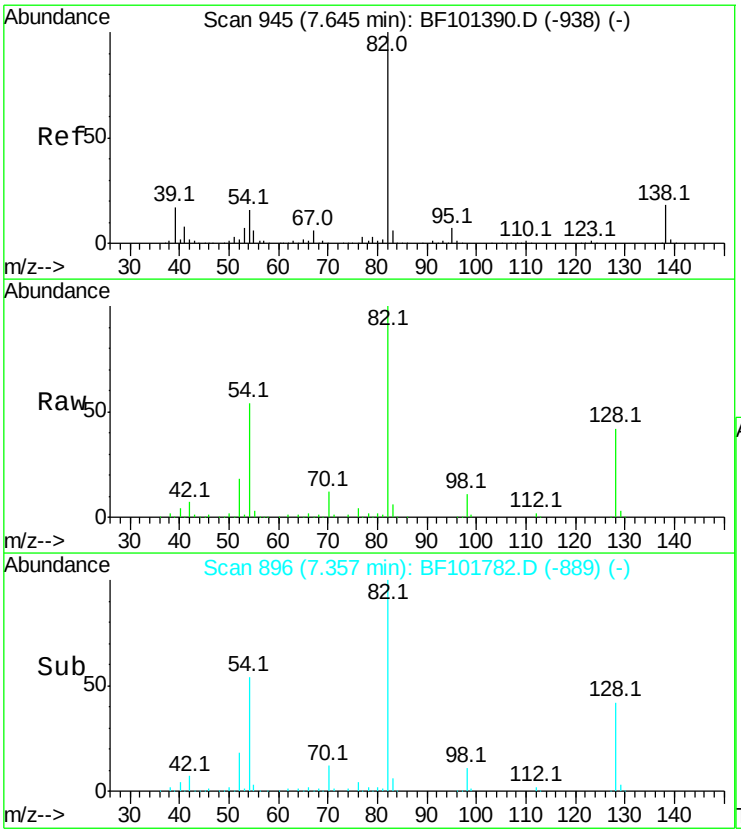
#23
Nitrobenzene-d5
Concen: 39.111 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion: 82 Resp: 420741

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	54.1	41.4	62.2



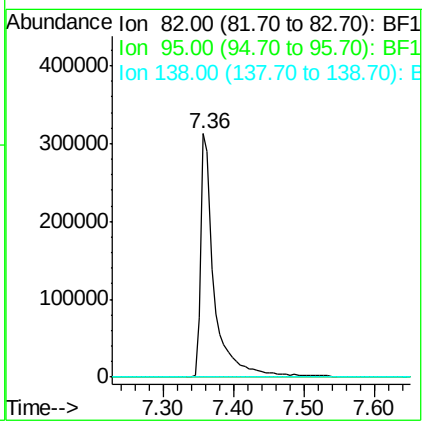
Instrument :
BNA_F
ClientSampleId :

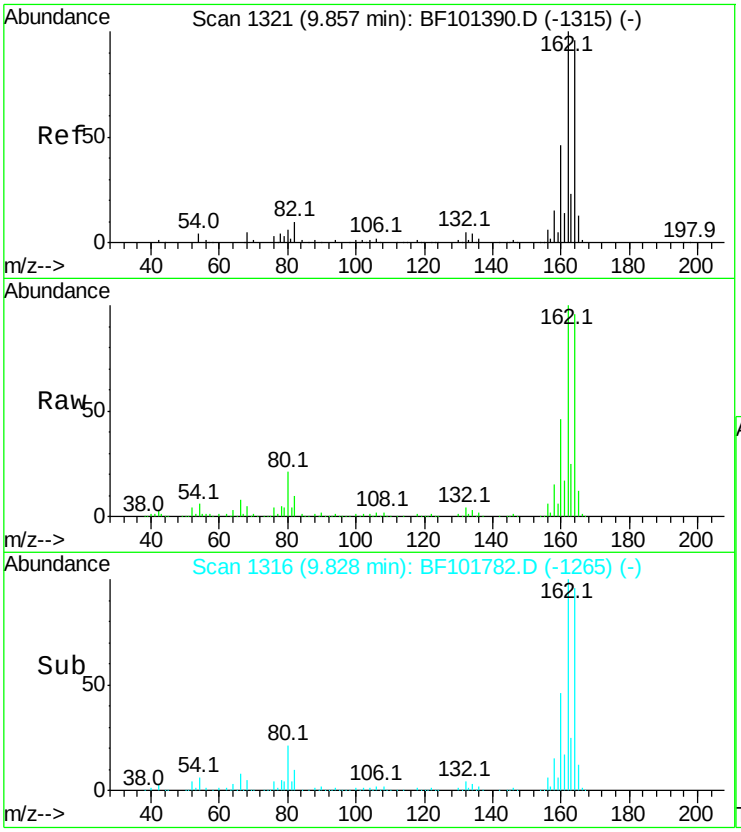


#25
Isophorone
Concen: 19.496 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion: 82 Resp: 420741

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

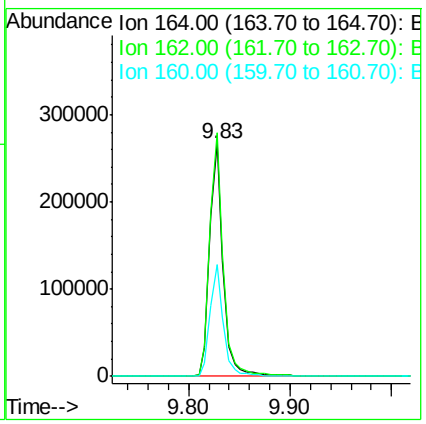




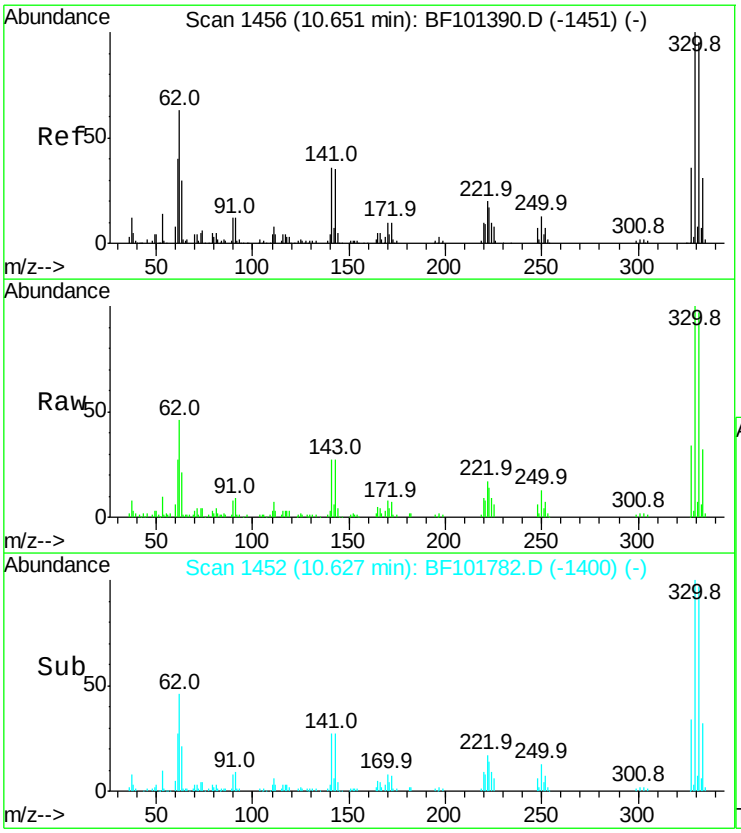
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:164 Resp: 247177

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	47.7	38.3	57.5



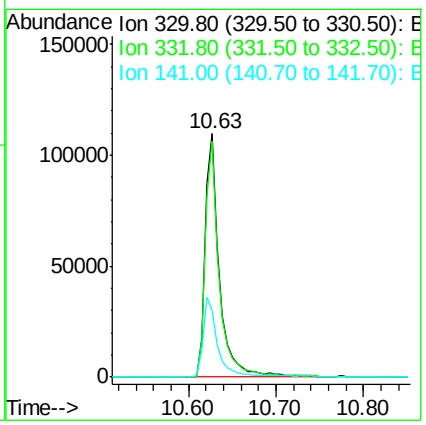
Instrument :
BNA_F
ClientSampleId :

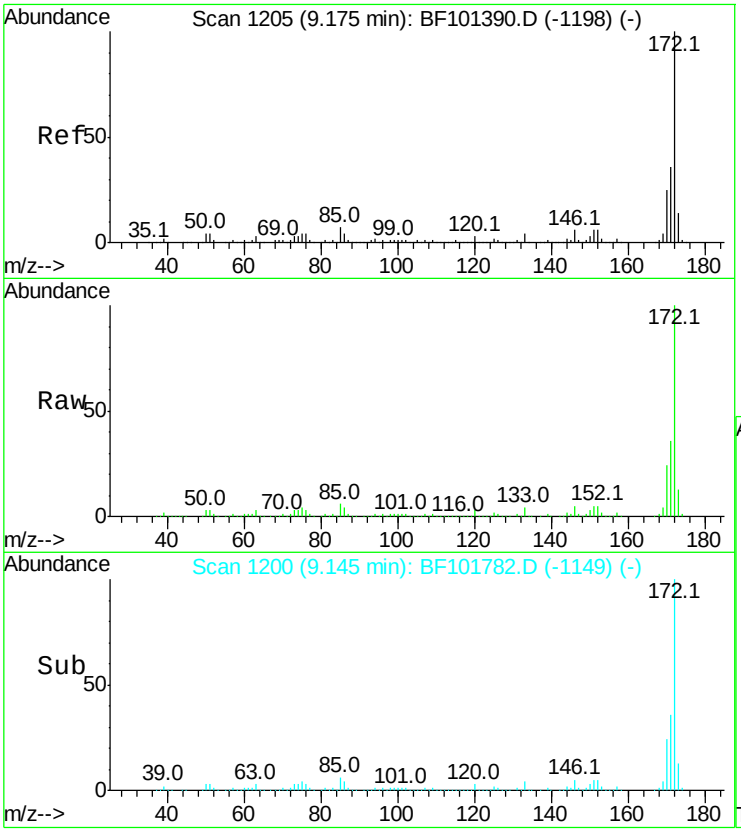


#41
2,4,6-Tribromophenol
Concen: 52.271 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:330 Resp: 124497

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	33.1	29.9	44.9



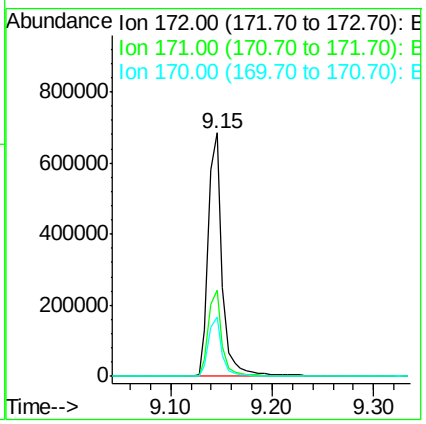


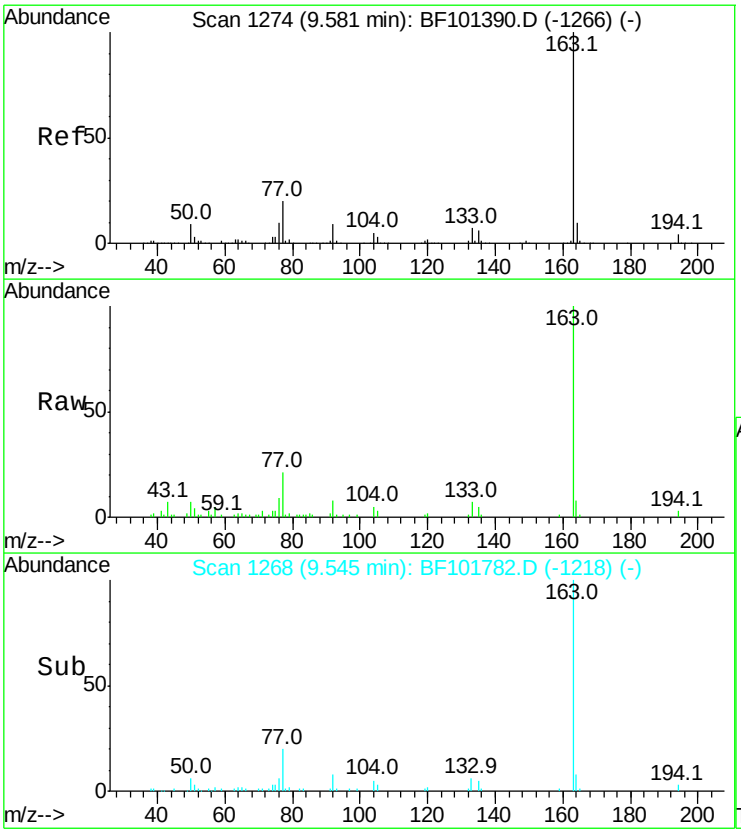
#44
2-Fluorobiphenyl
Concen: 41.014 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 653516

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.4	19.6	29.4

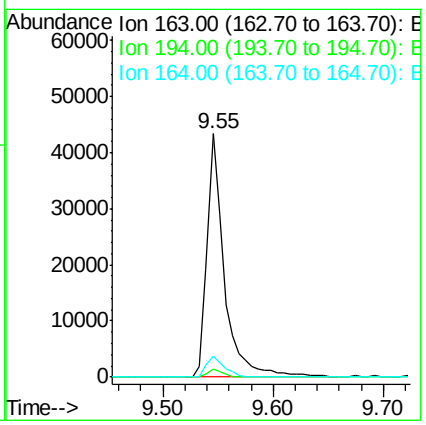


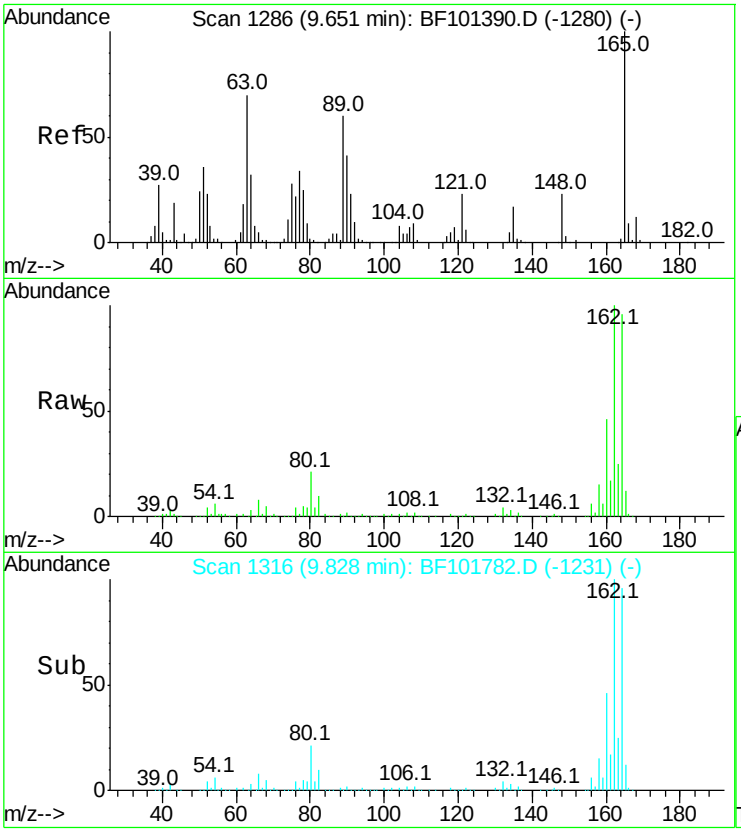


#49
Dimethylphthalate
Concen: 2.323 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:163 Resp: 46185

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	8.4	8.2	12.2



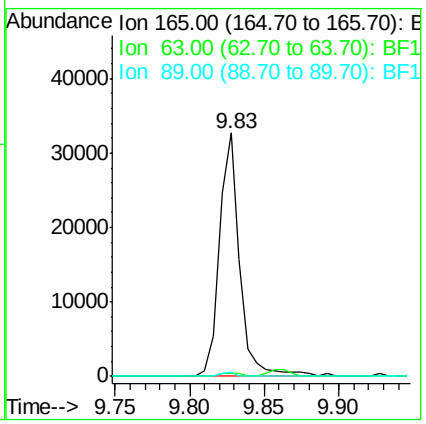


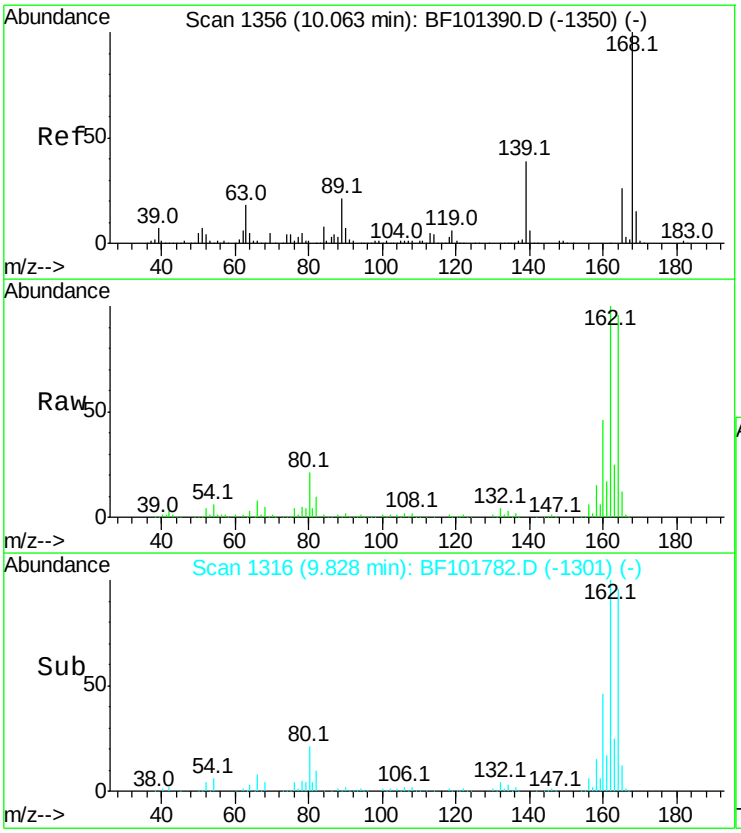
#50
2,6-Dinitrotoluene
Concen: 7.747 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31303

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#

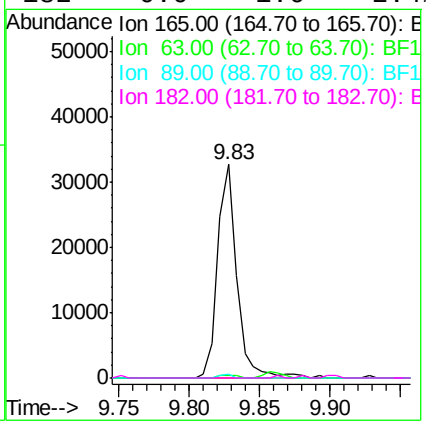


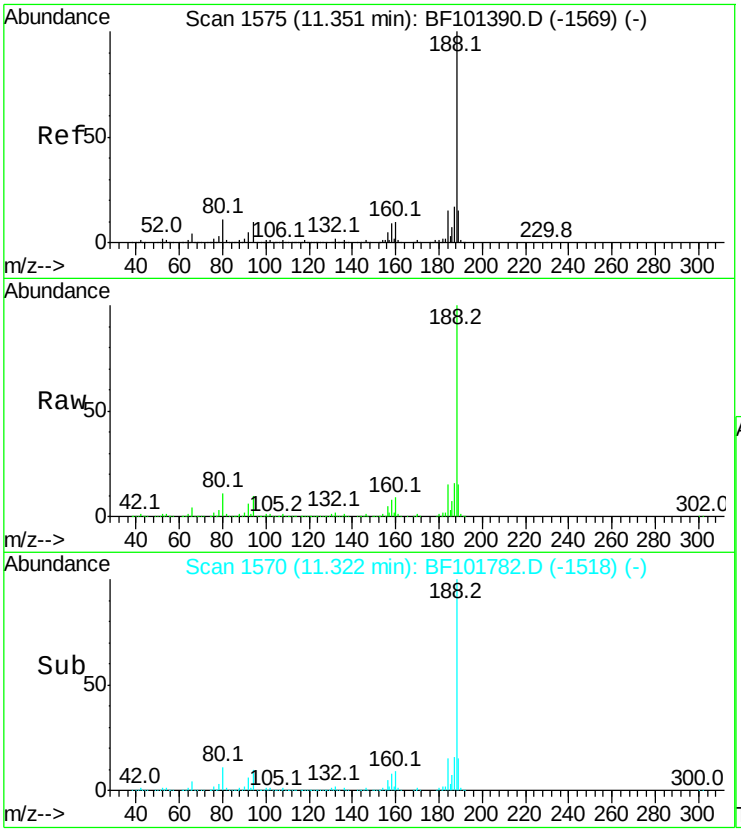


#56
2,4-Dinitrotoluene
Concen: 6.876 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:165 Resp: 31303

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



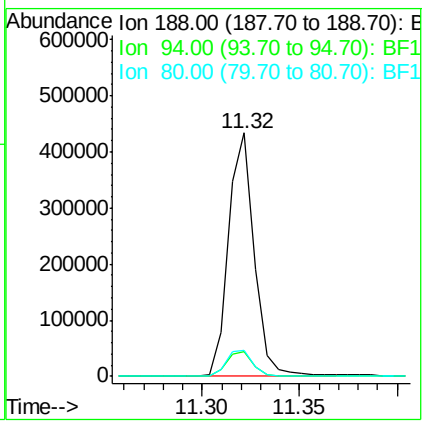


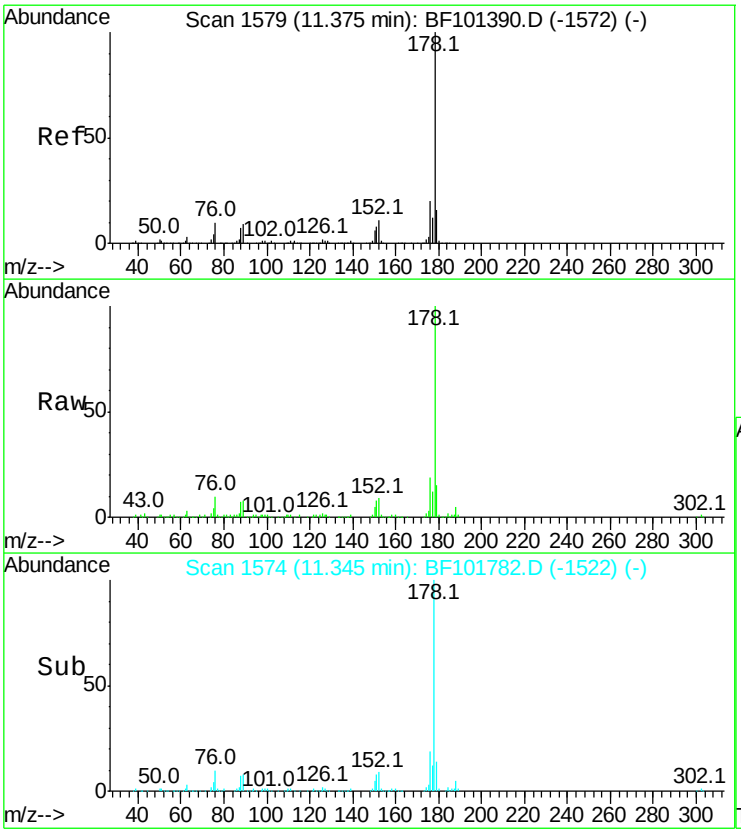
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 396082

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.6	9.2	13.8

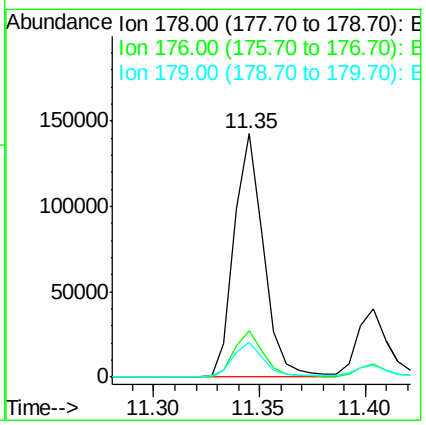


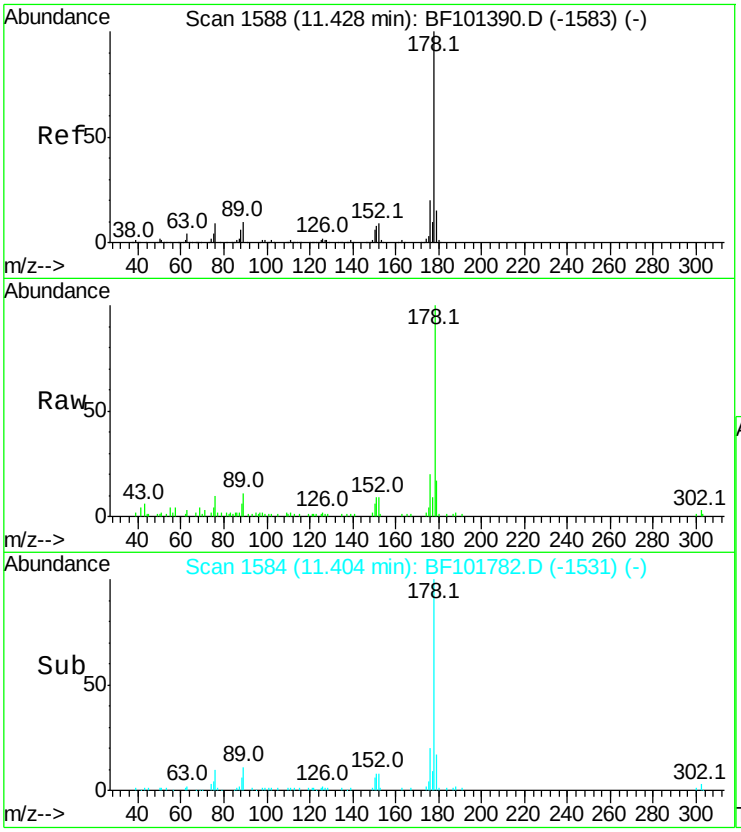


#70
Phenanthrene
Concen: 6.252 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:178 Resp: 137711

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.6	13.0	19.6



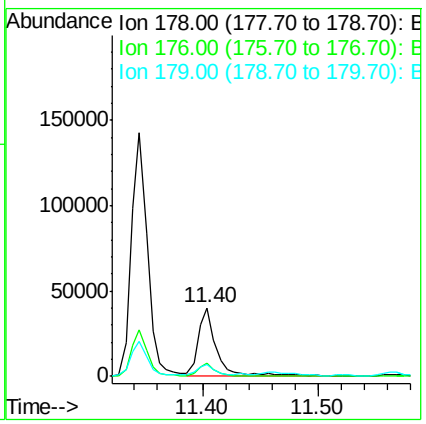


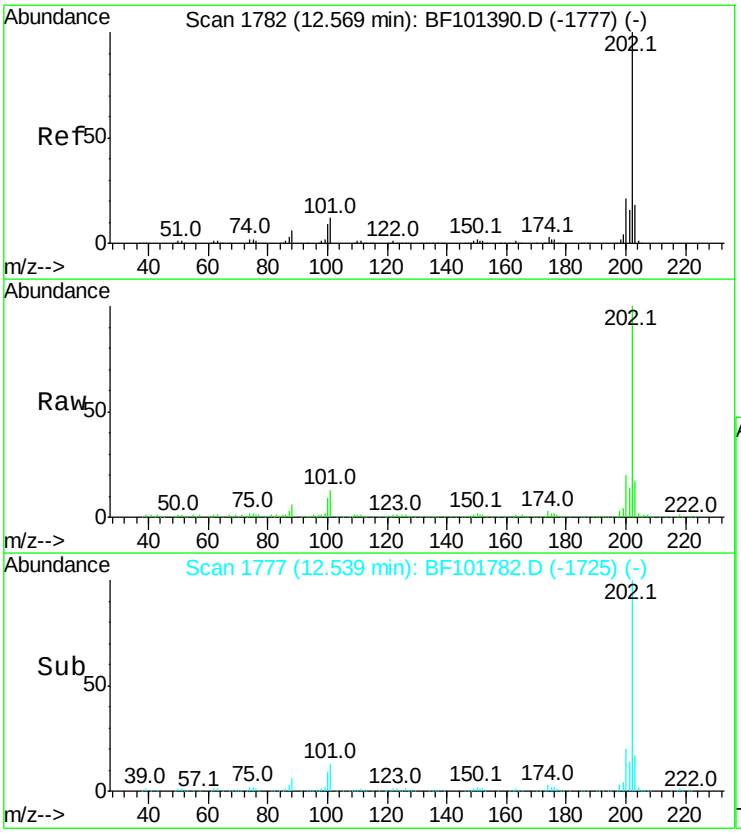
#71
Anthracene
Concen: 2.028 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 45633

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	17.5	12.6	19.0

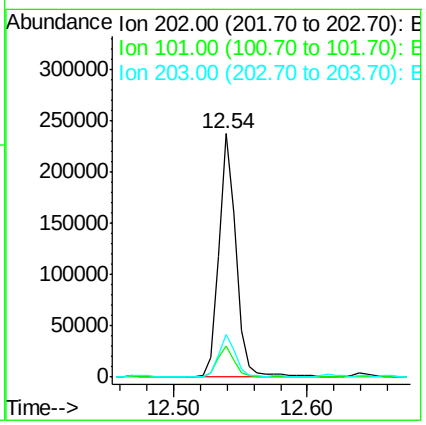


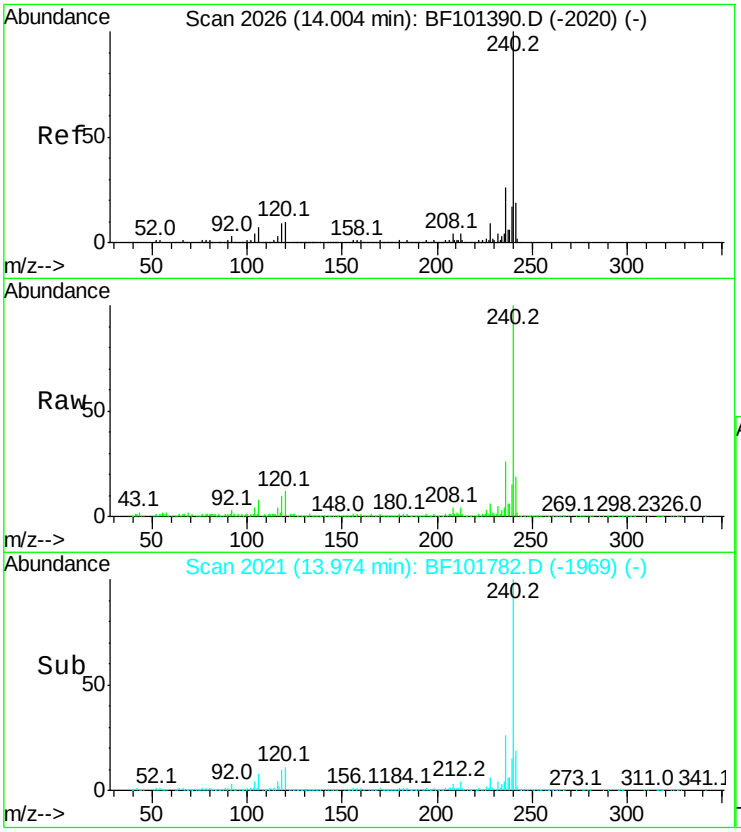


#74
Fluoranthene
Concen: 9.396 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:202 Resp: 217244

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.3	0.0	38.1



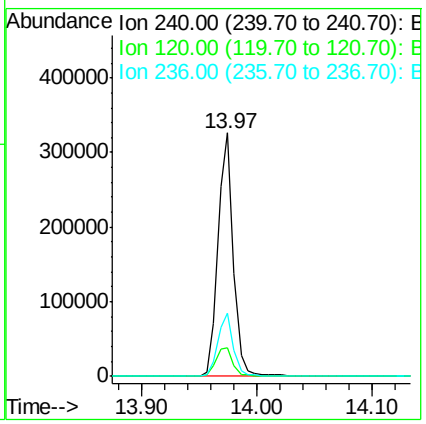


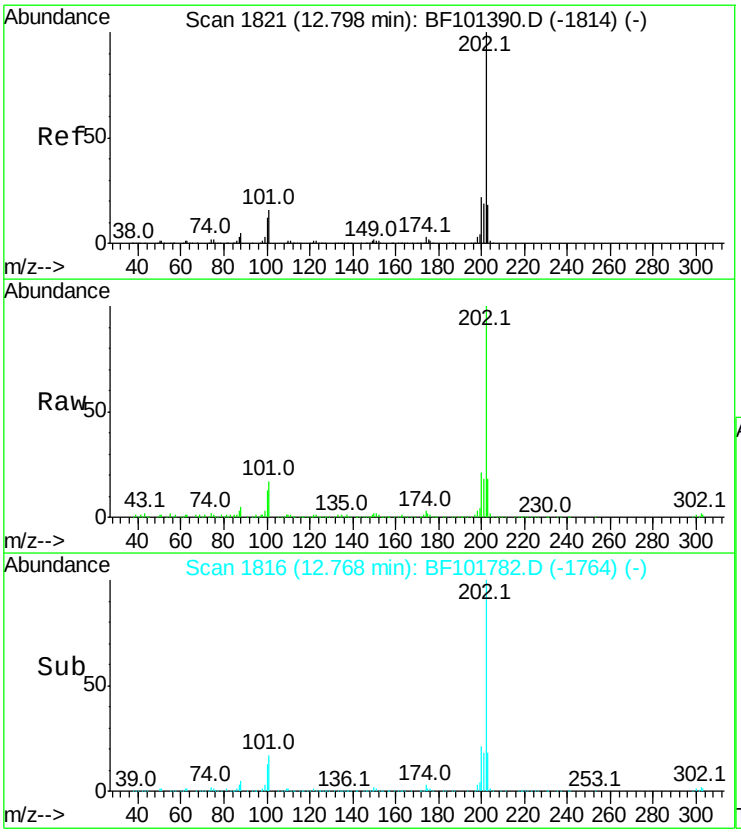
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 297804

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.8	20.7	31.1

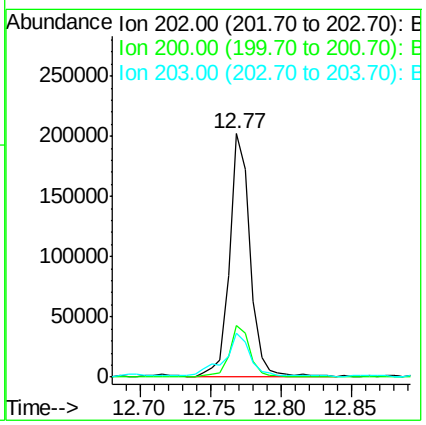


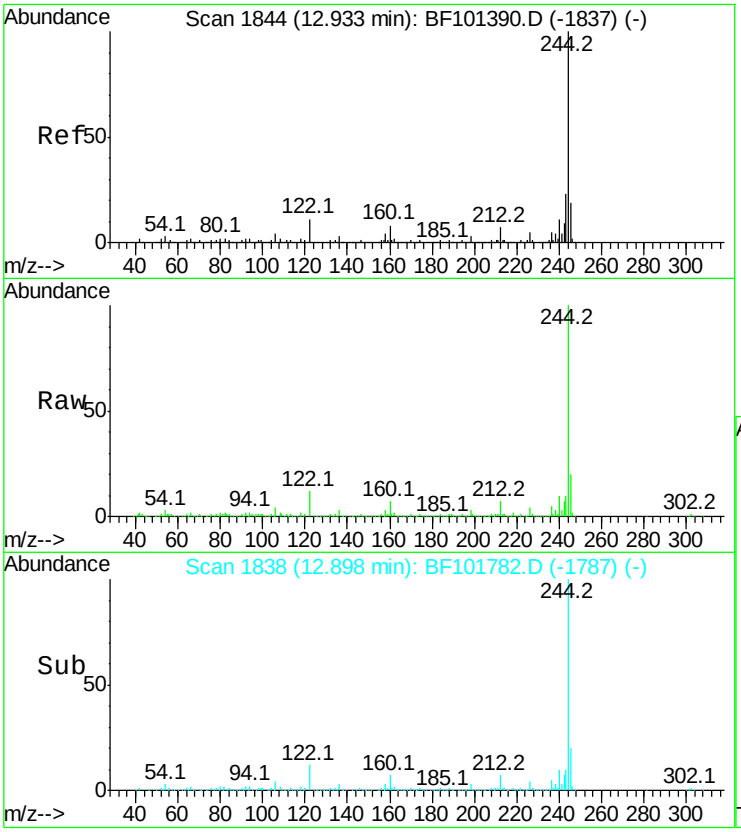


#77
Pyrene
Concen: 9.066 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:202 Resp: 202626

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.2	14.3	21.5



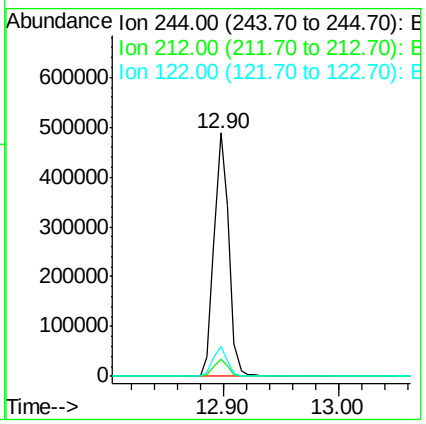


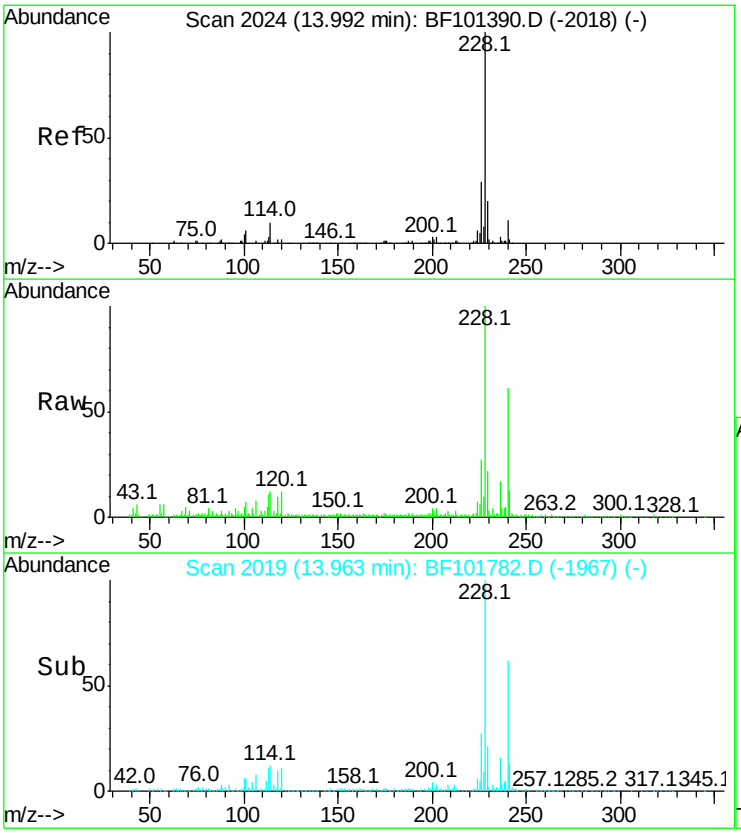
#78
Terphenyl-d14
Concen: 34.903 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 431154

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.4	11.0	16.4

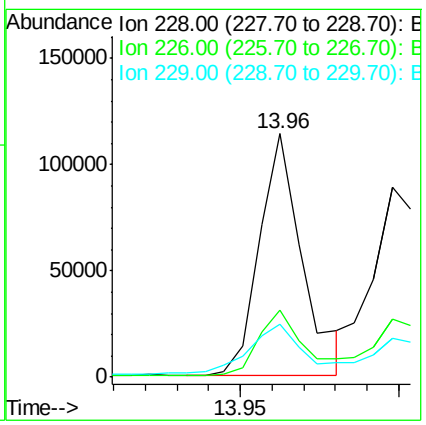


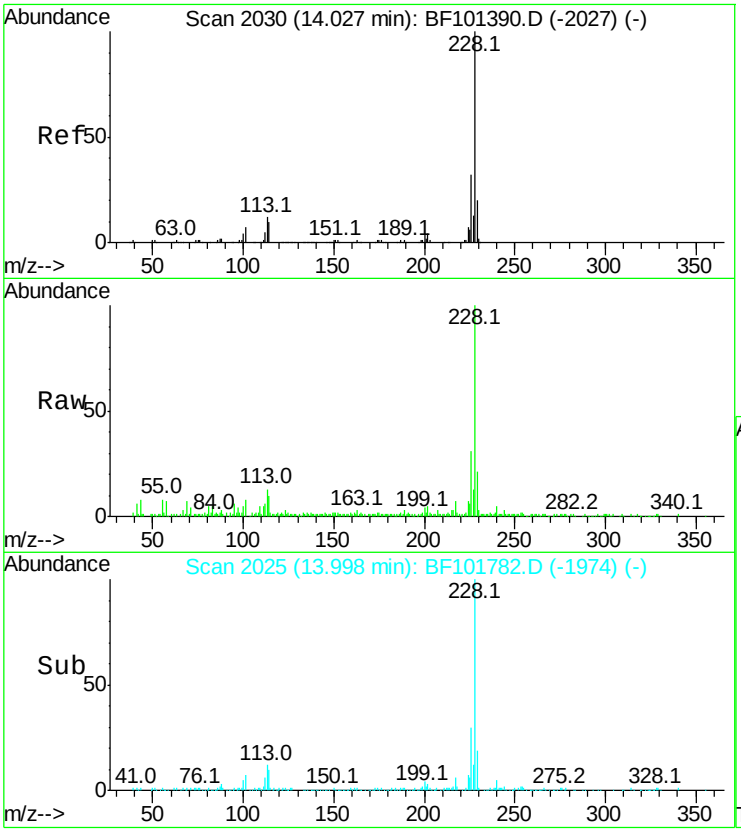


#80
Benzo(a)anthracene
Concen: 5.456 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:228 Resp: 107285

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.8	15.8	23.6



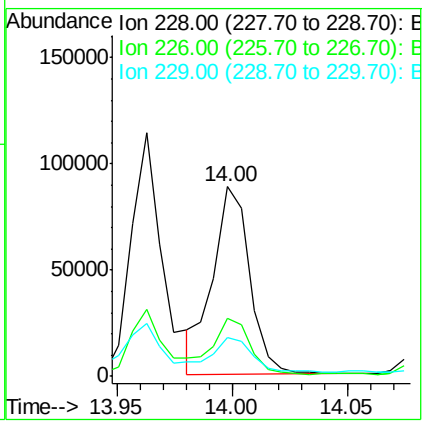


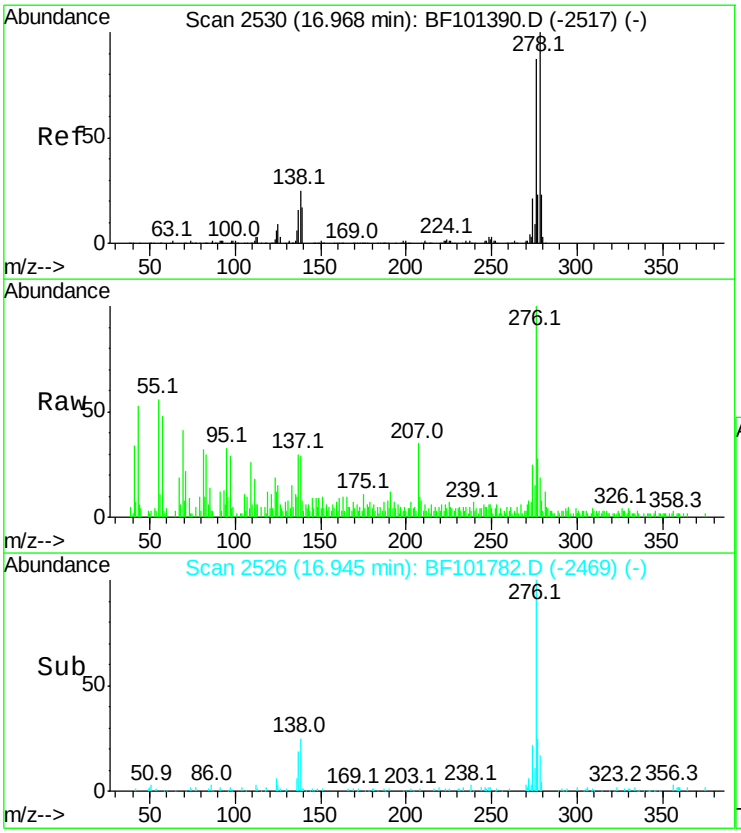
#82
Chrysene
Concen: 5.284 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 98104

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.6	16.2	24.4

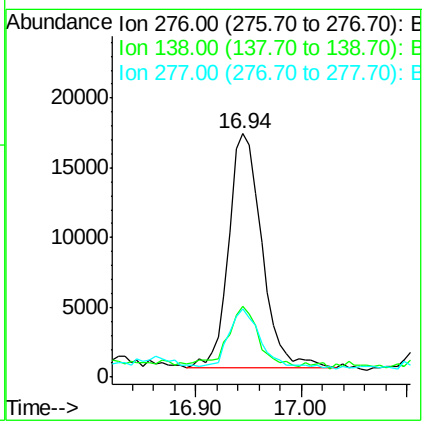


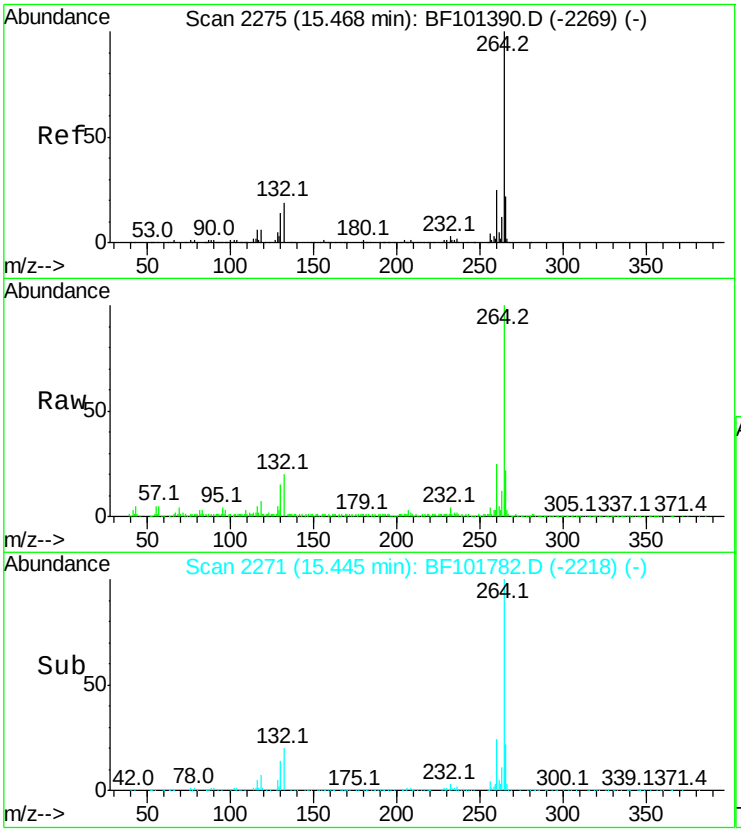


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.211 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.04 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:276 Resp: 36558

Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	26.9	20.1	30.1



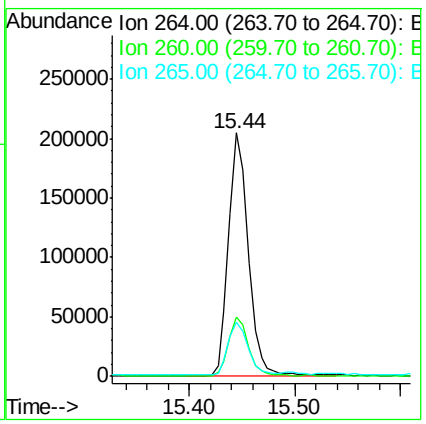


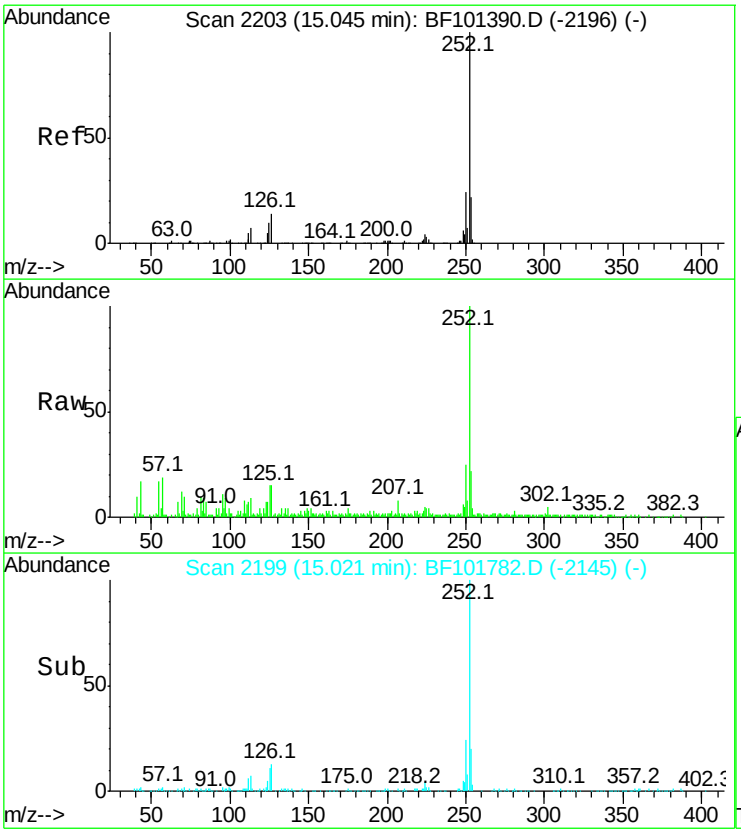
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 264737

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	17.5	26.3

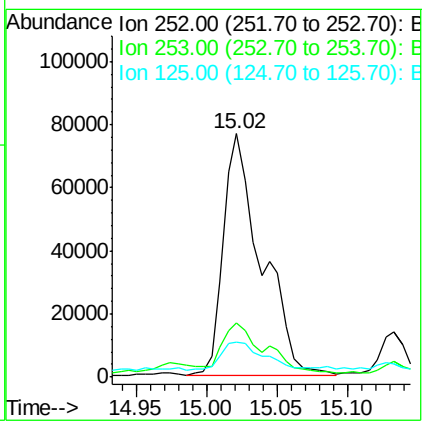


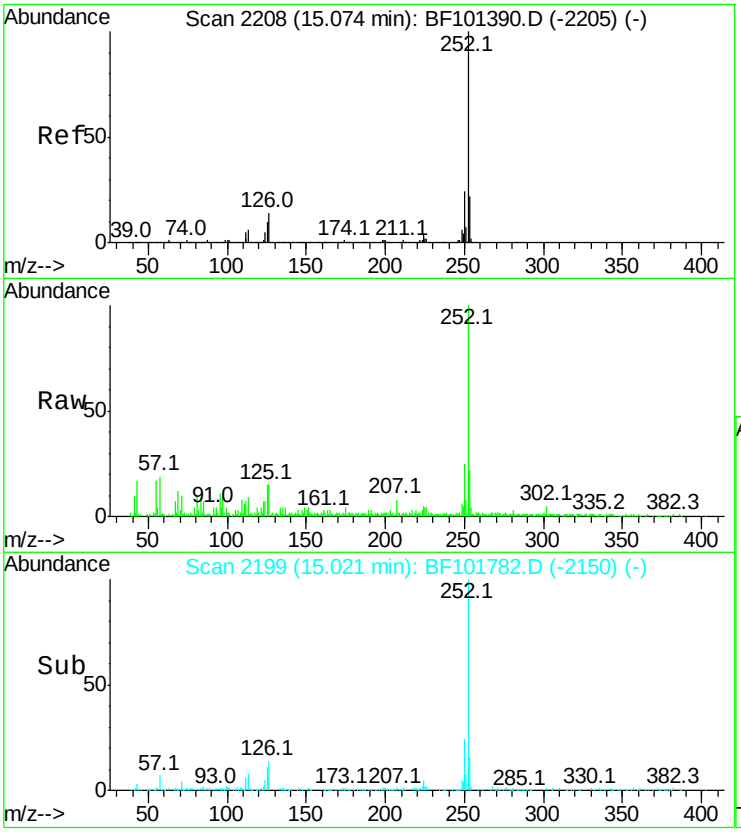


#87
Benzo(b)fluoranthene
Concen: 8.935 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:252 Resp: 144173

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	14.5	9.0	13.6#



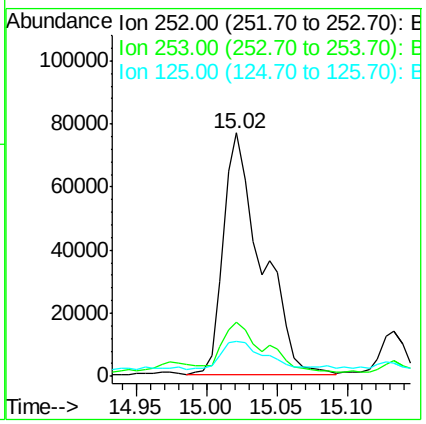


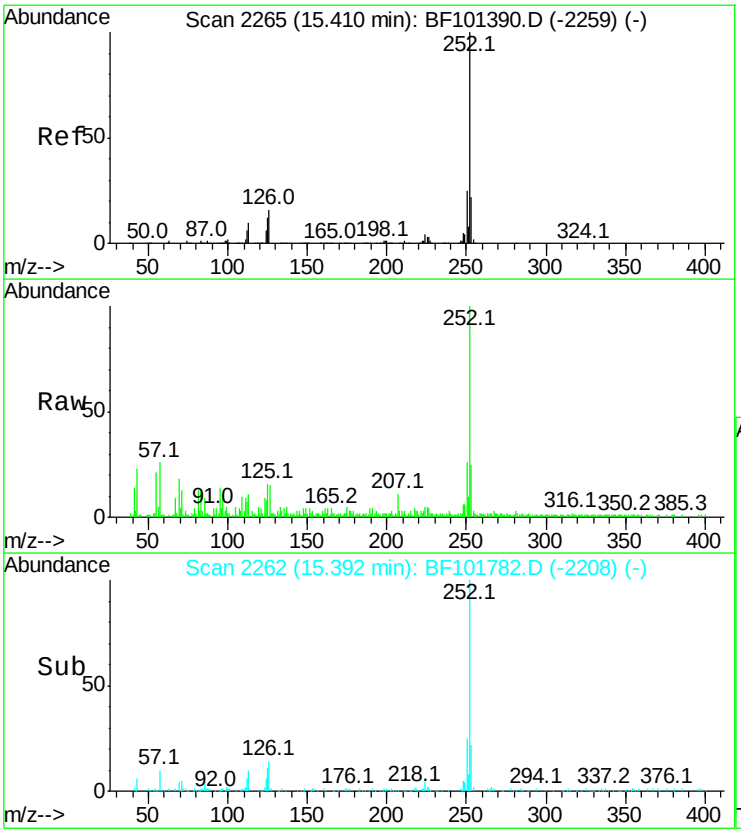
#88
Benzo(k)fluoranthene
Concen: 9.189 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 144173

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.5	10.2	15.2

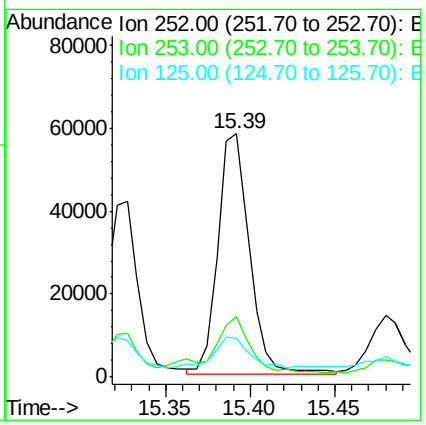


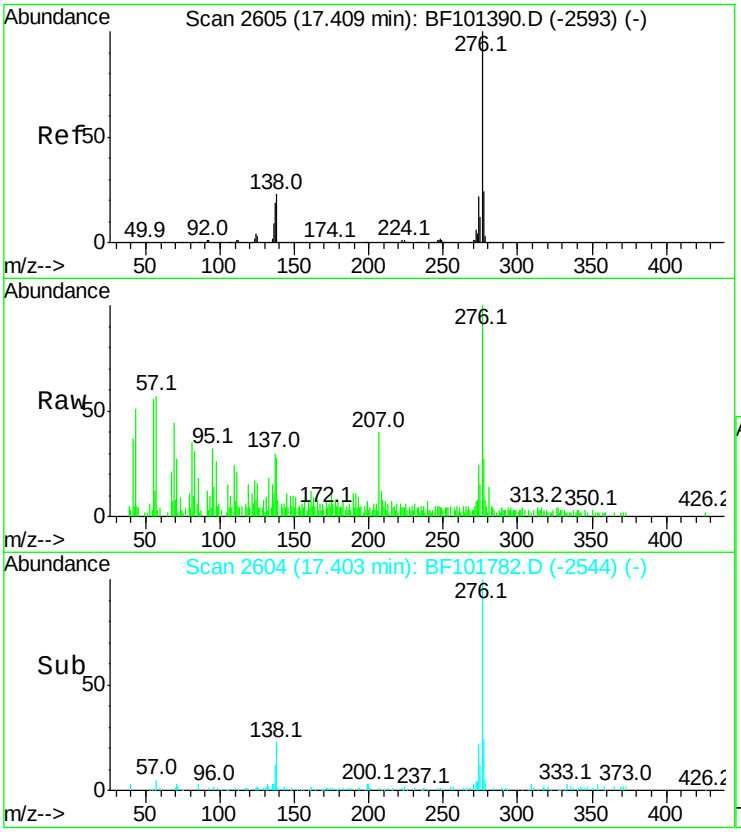


#89
Benzo(a)pyrene
Concen: 5.047 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.02 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Tgt Ion:252 Resp: 75080

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	15.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.760 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.05 min
Lab File: BF101782.D
Acq: 28 Dec 2017 00:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 34905

Ion	Ratio	Lower	Upper
276	100		
277	27.3	17.9	26.9#
138	27.7	21.8	32.8