Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101276.D
Acq On : 9 Dec 2017 11:07
Operator : SJ/JU
Sample : I6744-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PROS-1-E(0-1)

Quant Time: Dec 11 02:24:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	43986	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	153347	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	61264	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	115821	20.00	ng		0.00
75) Chrysene-d12	14.01	240	86194	20.00	ng		0.00
86) Perylene-d12	15.49	264	66932	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	264031	99.19	ng		0.01
7) Phenol-d6	6.47	99	313855	97.12	ng		0.01
23) Nitrobenzene-d5	7.40	82	164772	64.10	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	63457	86.22	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	339990	75.93	ng		0.00
78) Terphenyl-d14	12.94	244	289547	73.48	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.48	94	11081	3.084	ng	#	67
49) Dimethylphthalate	9.58	163	25253	5.111	ng		98
70) Phenanthrene	11.39	178	62490	9.797	ng		96
71) Anthracene	11.44	178	24448	3.787	ng		96
74) Fluoranthene	12.58	202	130628	18.476	ng		94
77) Pyrene	12.81	202	110993	18.662	ng		98
80) Benzo(a)anthracene	14.00	228	49534	9.102	ng		99
82) Chrysene	14.04	228	43463	8.599	ng		95
83) Bis(2-ethylhexyl)phthalate	13.97	149	32330	8.647	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	14866	3.308	ng	#	89
87) Benzo(b)fluoranthene	15.06	252	39893m	9.951	ng		
88) Benzo(k)fluoranthene	15.09	252	14761m	3.737	ng		
89) Benzo(a)pyrene	15.43	252	29169	8.003	ng	#	91
91) Benzo(g,h,i)perylene	17.43	276	13301	4.392	ng	#	94

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

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PROS-1-E(0-1)

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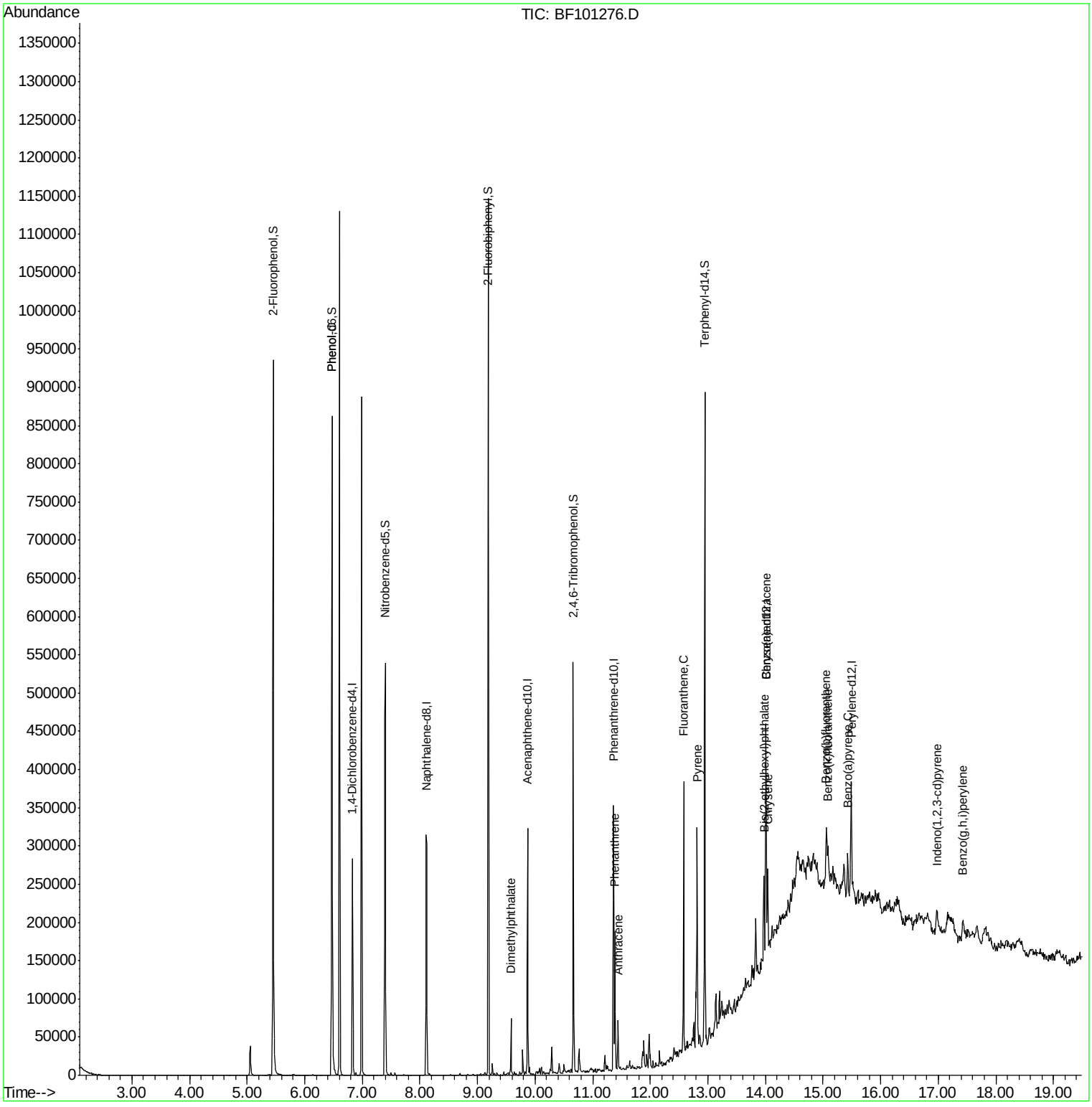
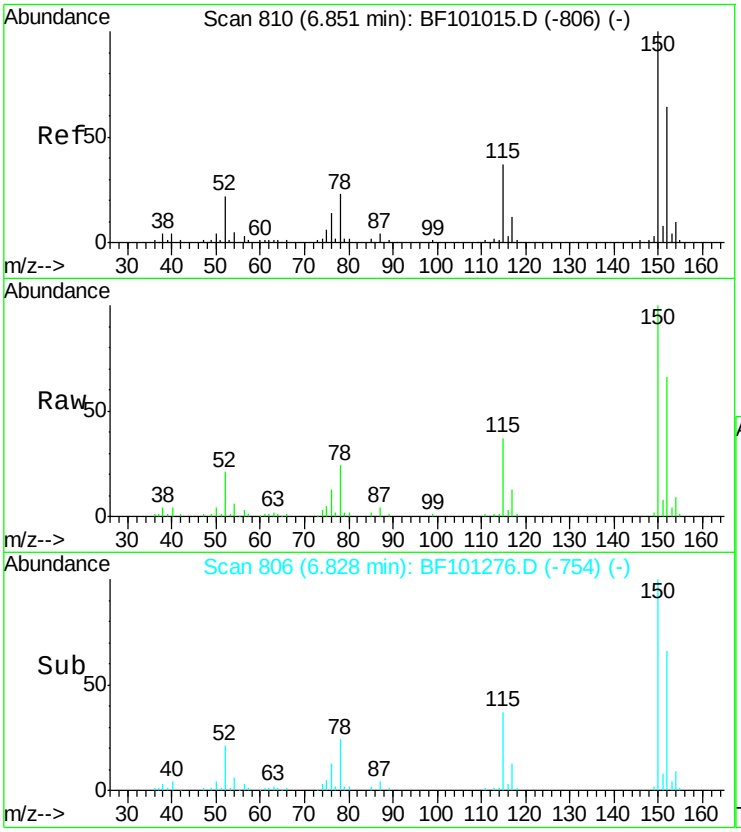
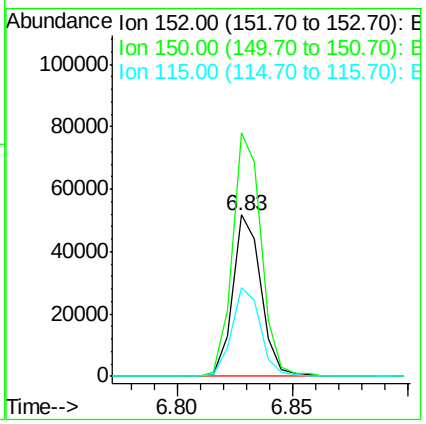




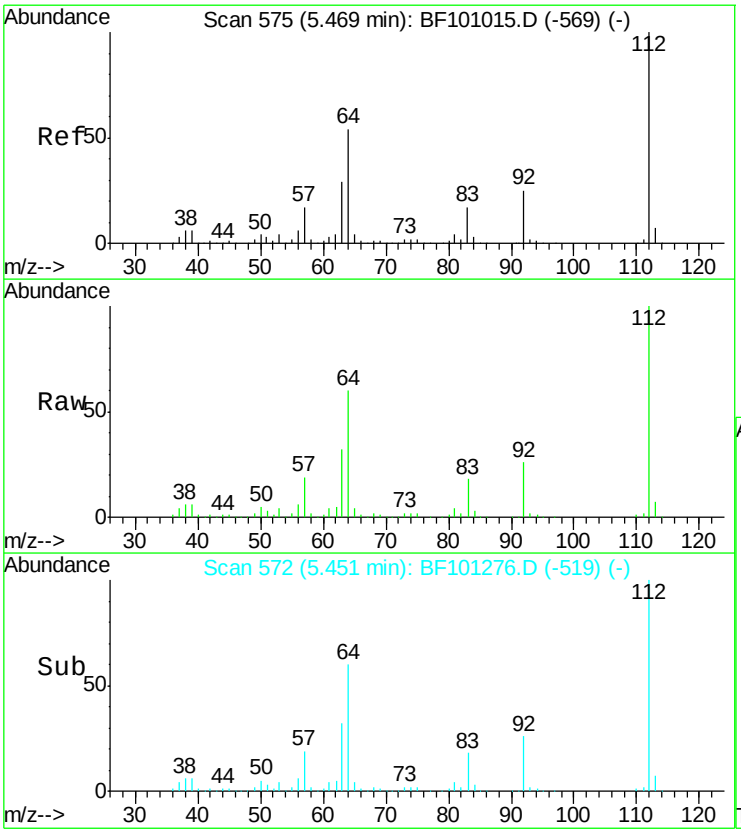
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:152 Resp: 43986

Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.6	186.8
115	55.3	50.1	75.1



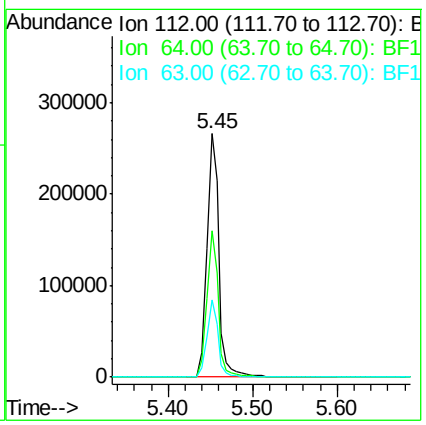
Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

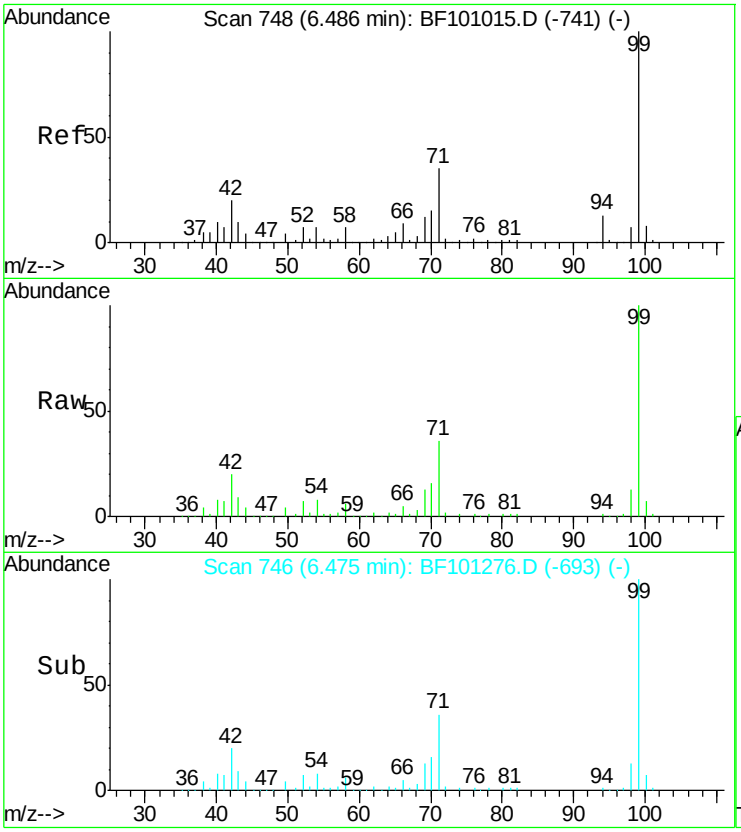


#5
2-Fluorophenol
Concen: 99.190 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:112 Resp: 264031

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	32.0	23.7	35.5



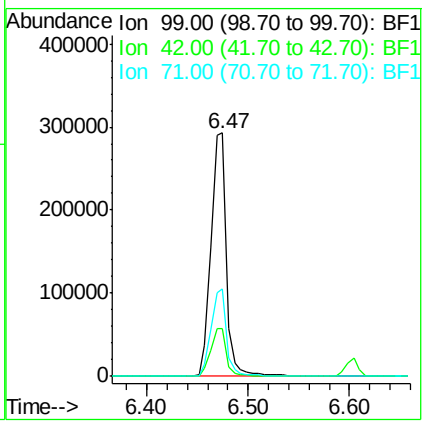


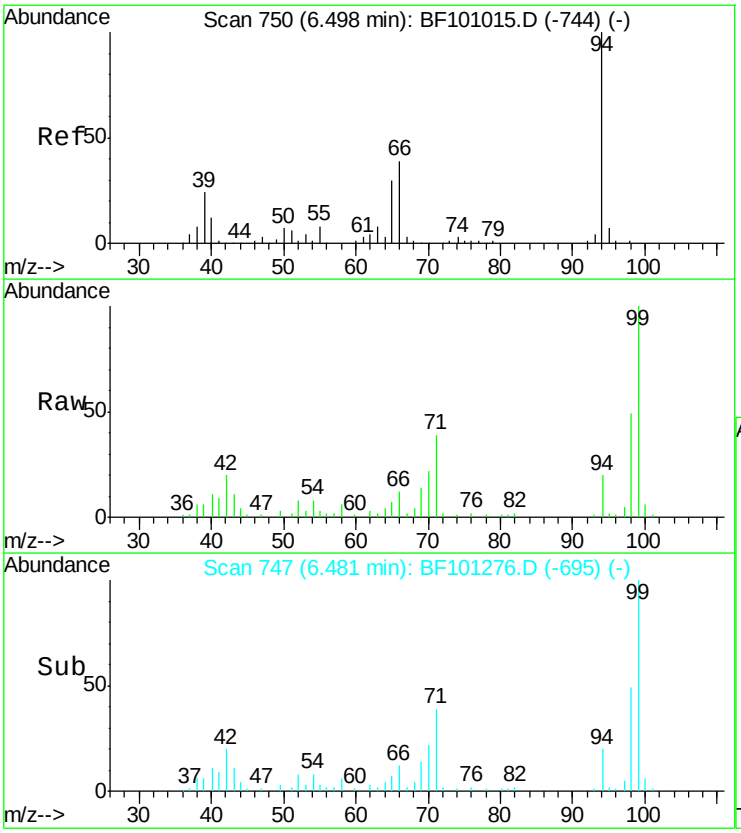
#7
Phenol-d6
Concen: 97.115 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion: 99 Resp: 313855

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	35.7	25.4	38.0

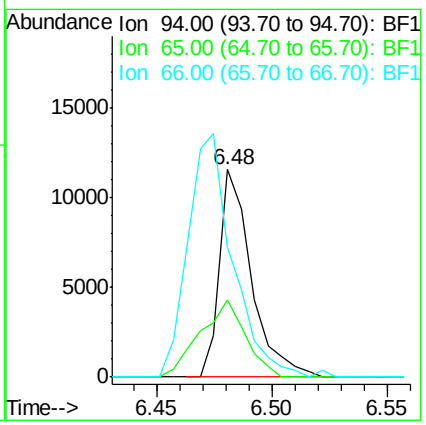


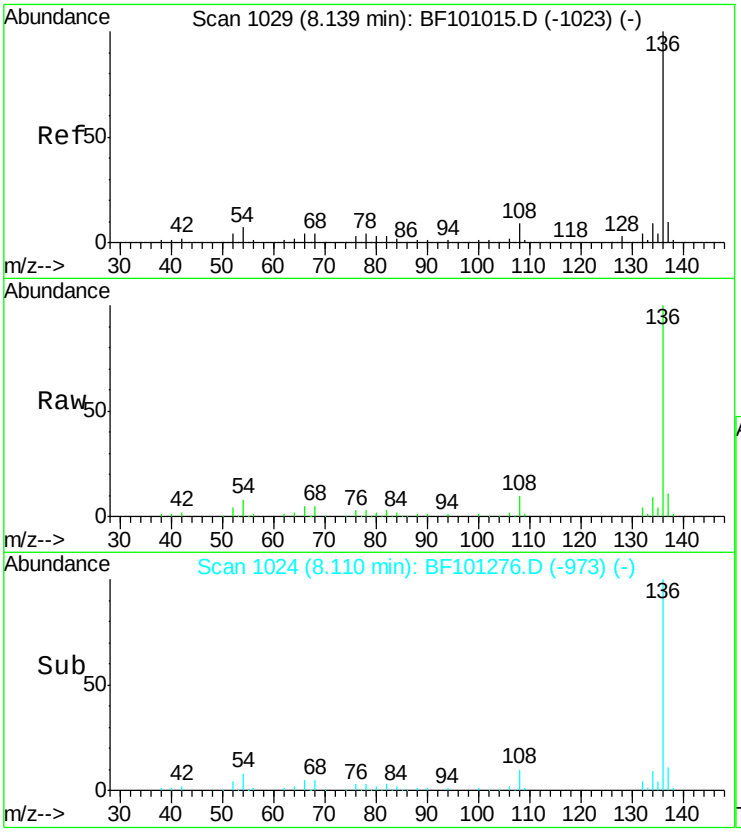


#10
Phenol
Concen: 3.084 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion: 94 Resp: 11081

Ion	Ratio	Lower	Upper
94	100		
65	37.1	7.9	47.9
66	62.3	16.2	56.2#



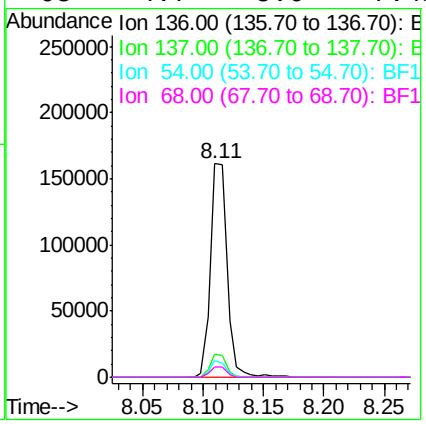


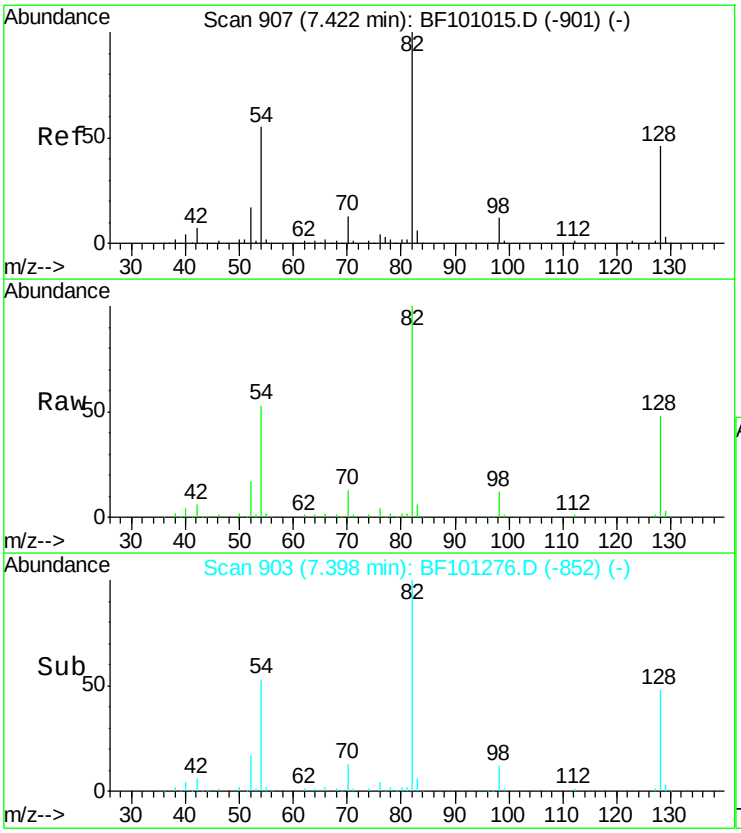
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion:136 Resp: 153347

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	6.6	9.8
68	4.7	5.0	7.4#

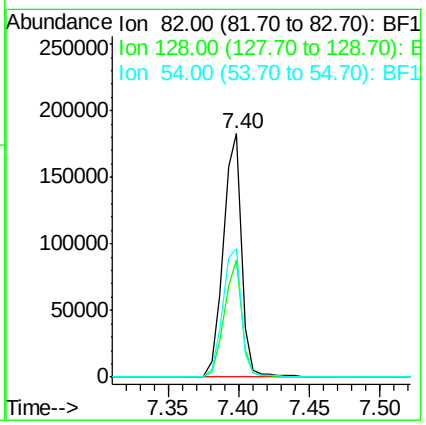


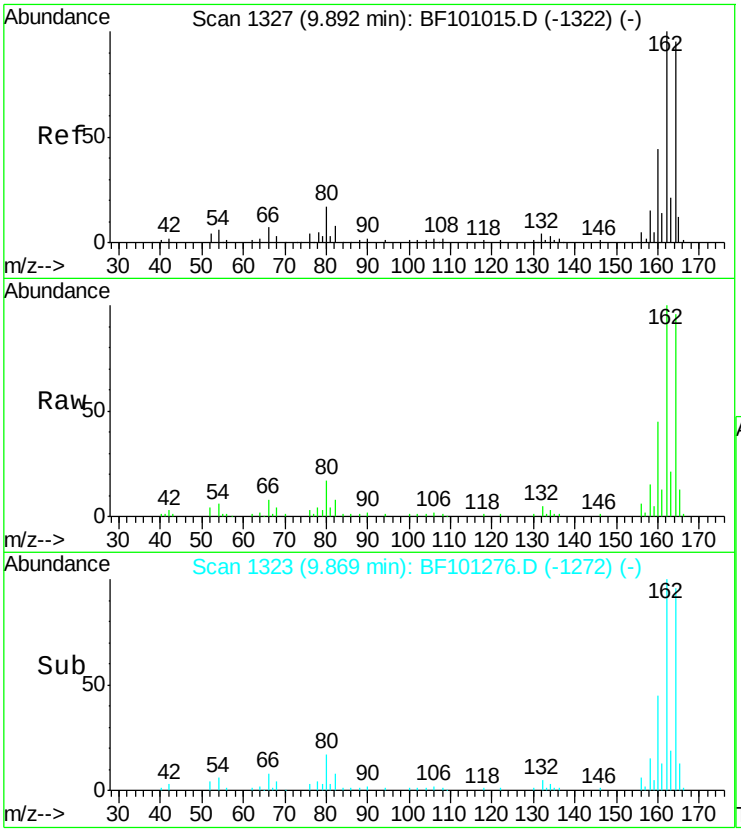


#23
Nitrobenzene-d5
Concen: 64.098 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion: 82 Resp: 164772

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	52.6	41.4	62.2



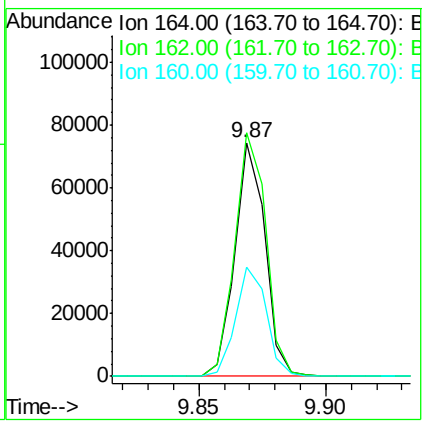


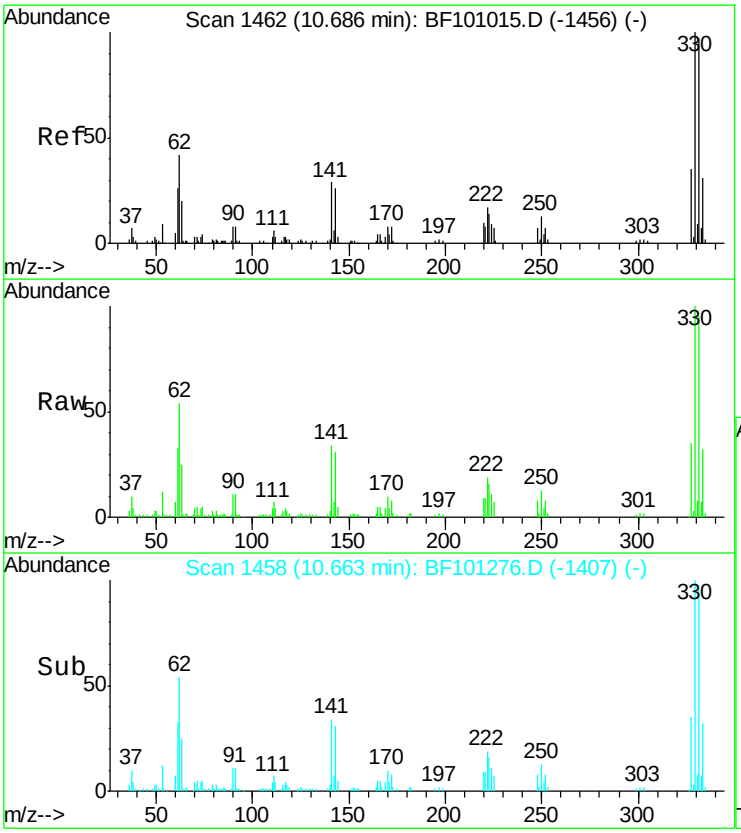
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion:164 Resp: 61264

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.9	38.3	57.5

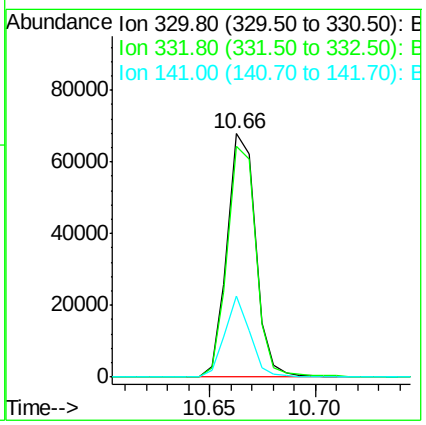


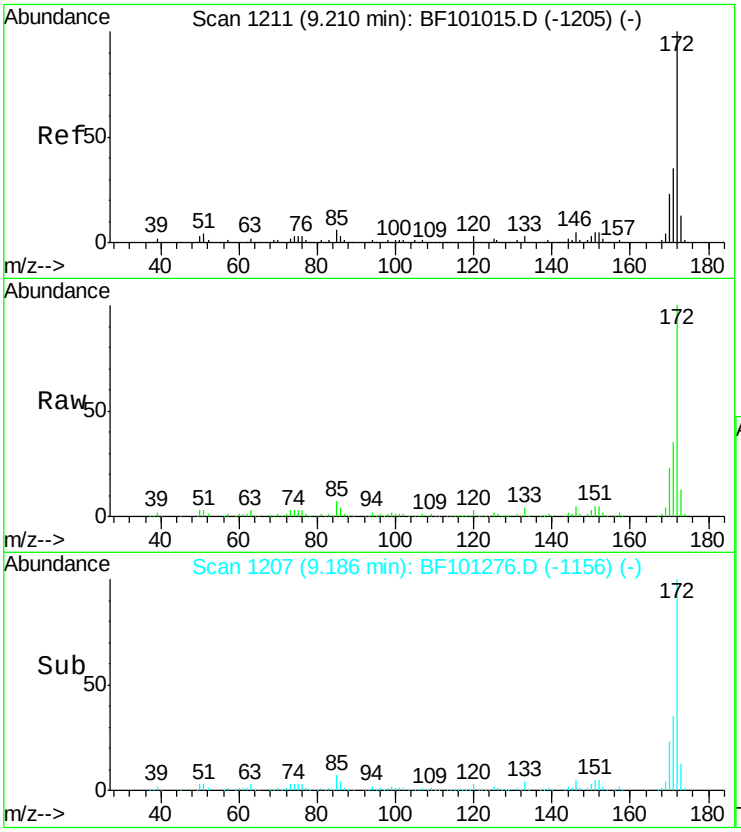


#41
2,4,6-Tribromophenol
Concen: 86.224 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:330 Resp: 63457

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	29.2	29.9	44.9#



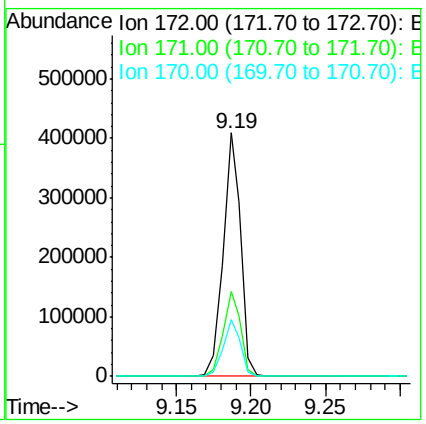


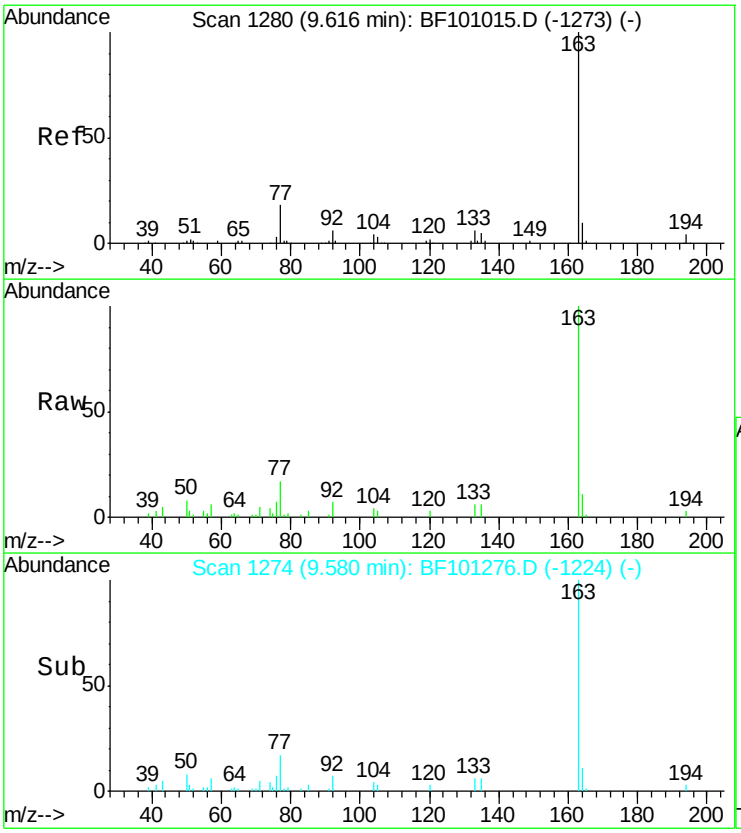
#44
2-Fluorobiphenyl
Concen: 75.929 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion:172 Resp: 339990

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.4	19.6	29.4

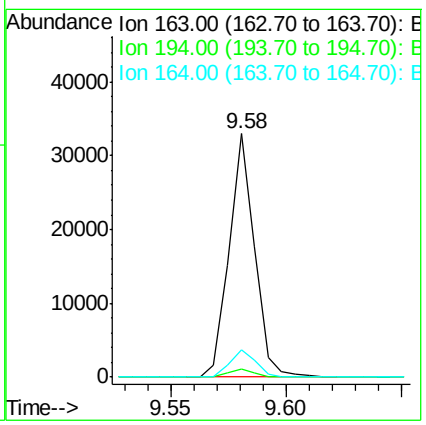


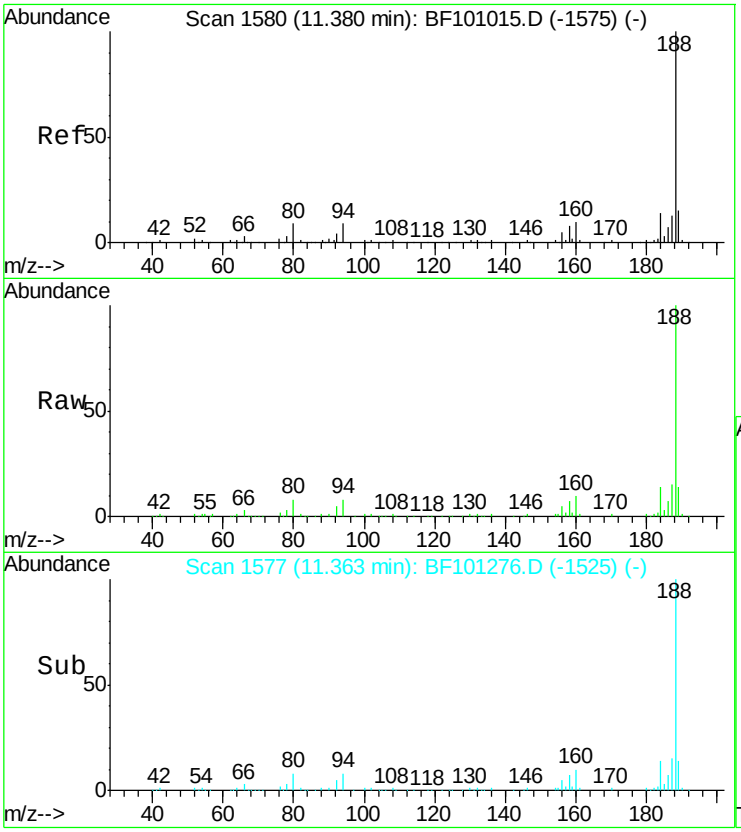


#49
Dimethylphthalate
Concen: 5.111 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:163 Resp: 25253

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	11.3	8.2	12.2



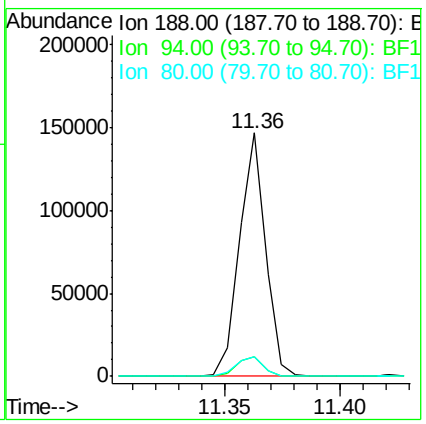


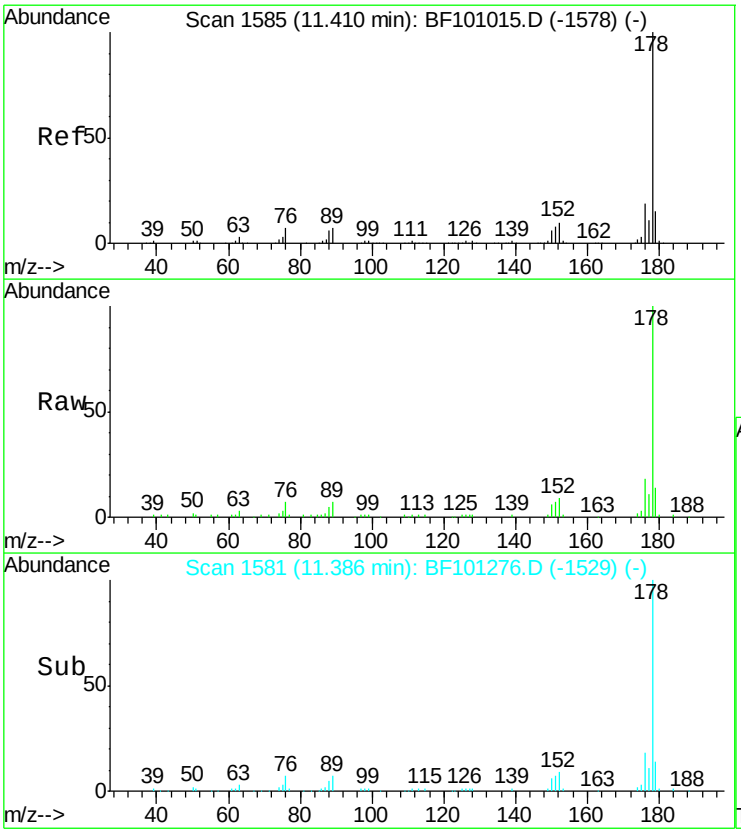
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion:188 Resp: 115821

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.0	9.2	13.8#

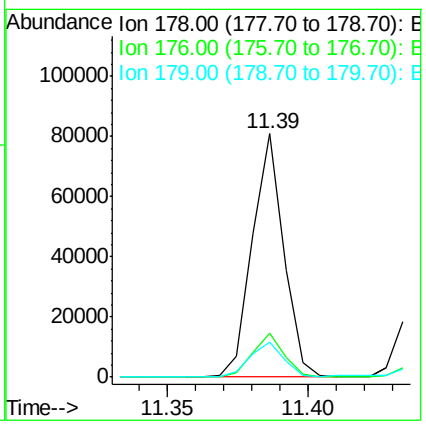


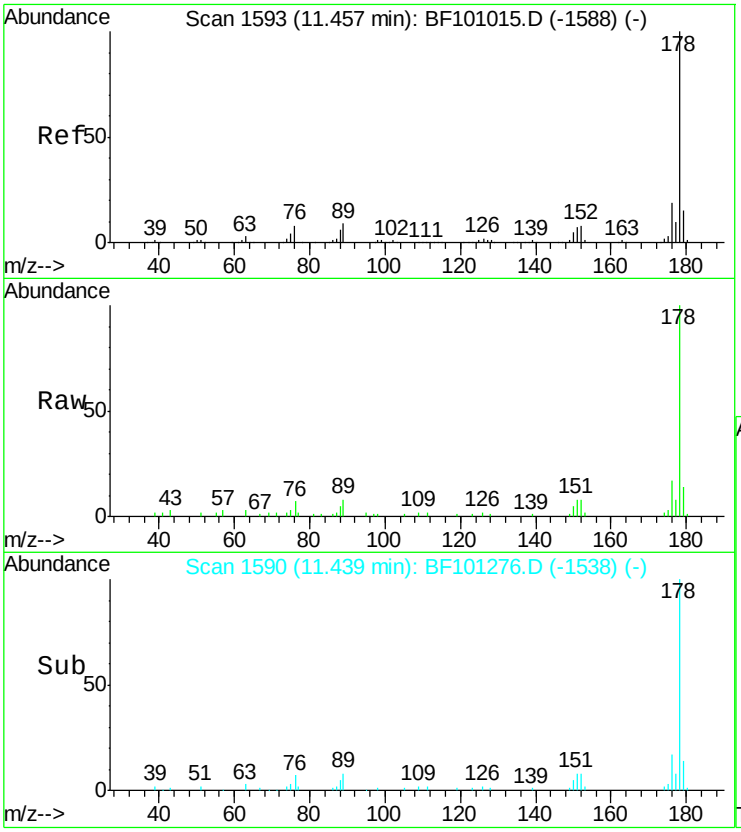


#70
Phenanthrene
Concen: 9.797 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:178 Resp: 62490

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	14.2	13.0	19.6



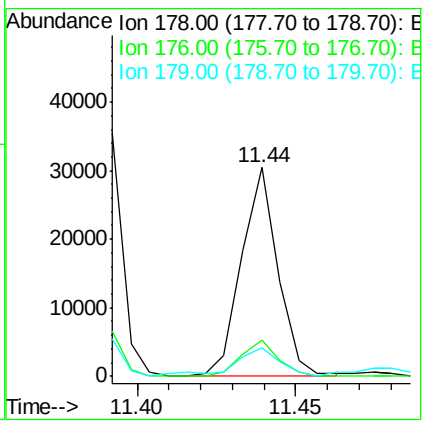


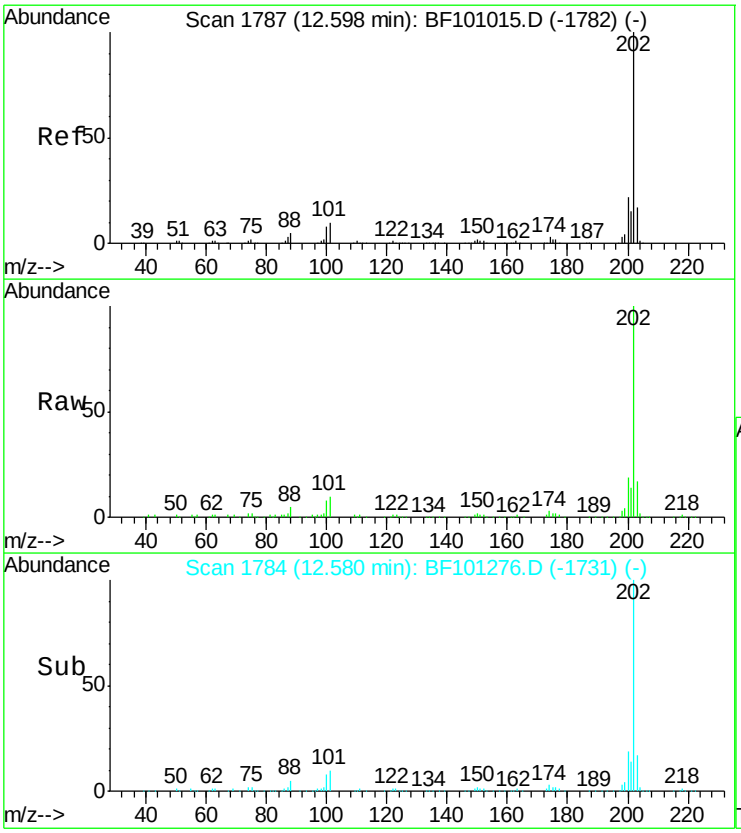
#71
Anthracene
Concen: 3.787 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion:178 Resp: 24448

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.4	23.2
179	14.0	12.6	19.0

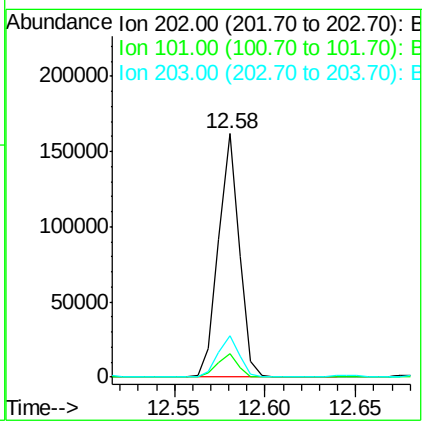


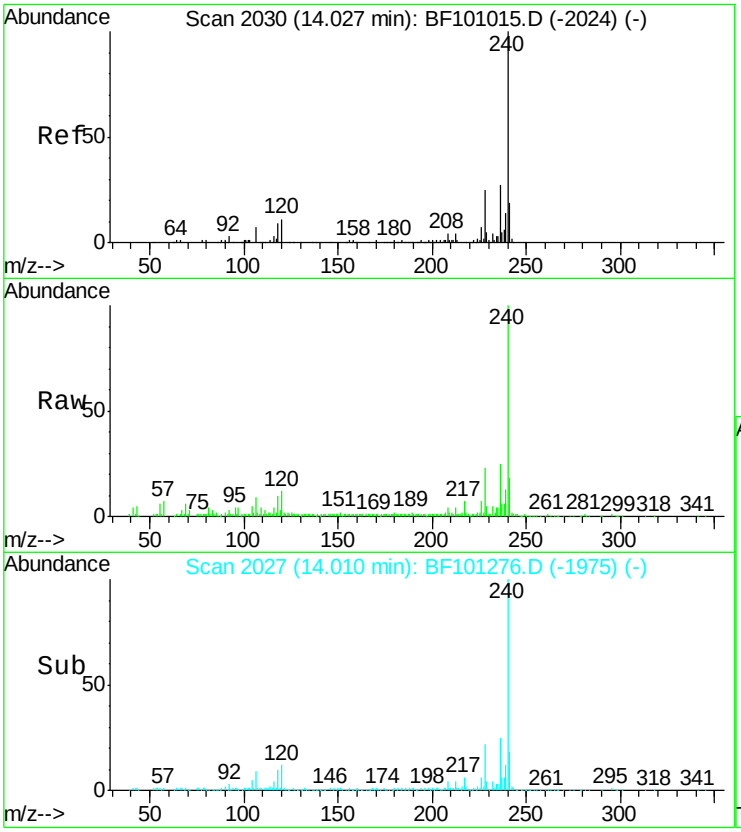


#74
Fluoranthene
Concen: 18.476 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:202 Resp: 130628

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	17.0	0.0	38.1



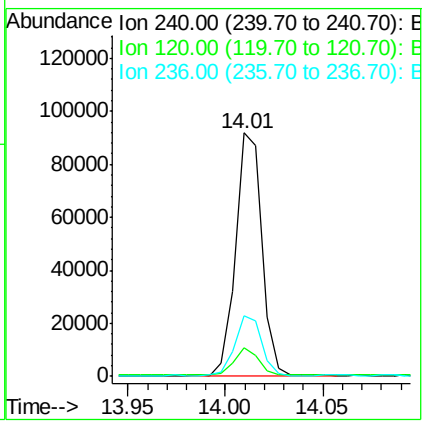


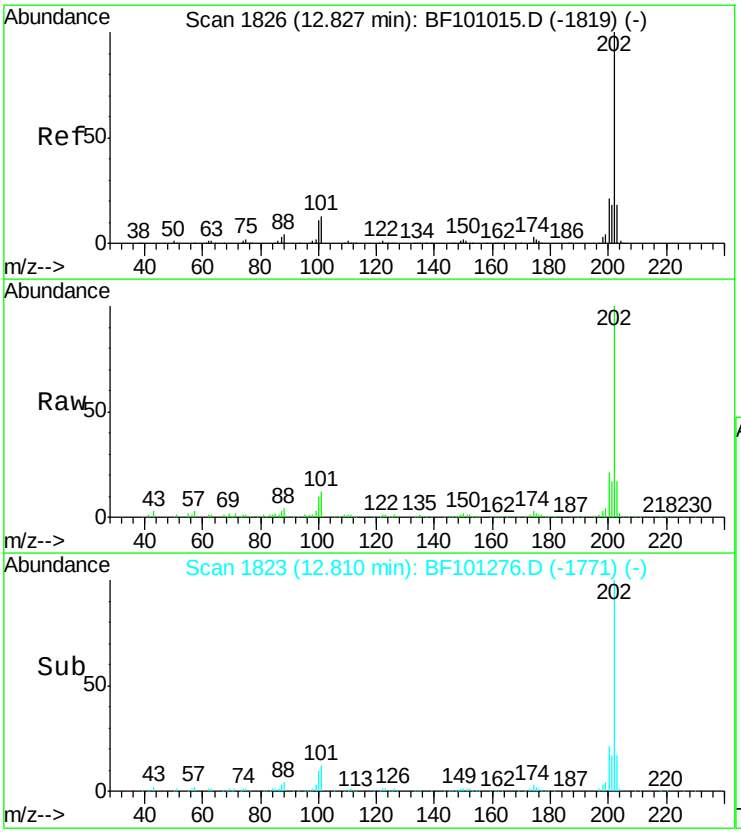
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion:240 Resp: 86194

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.0	20.7	31.1

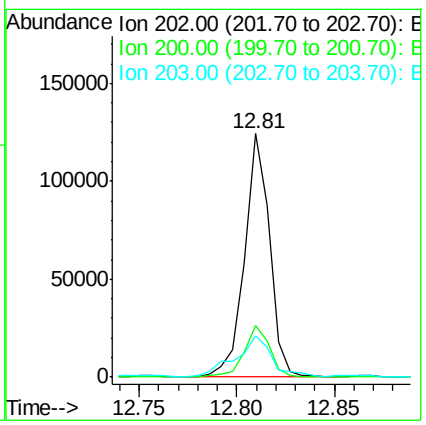


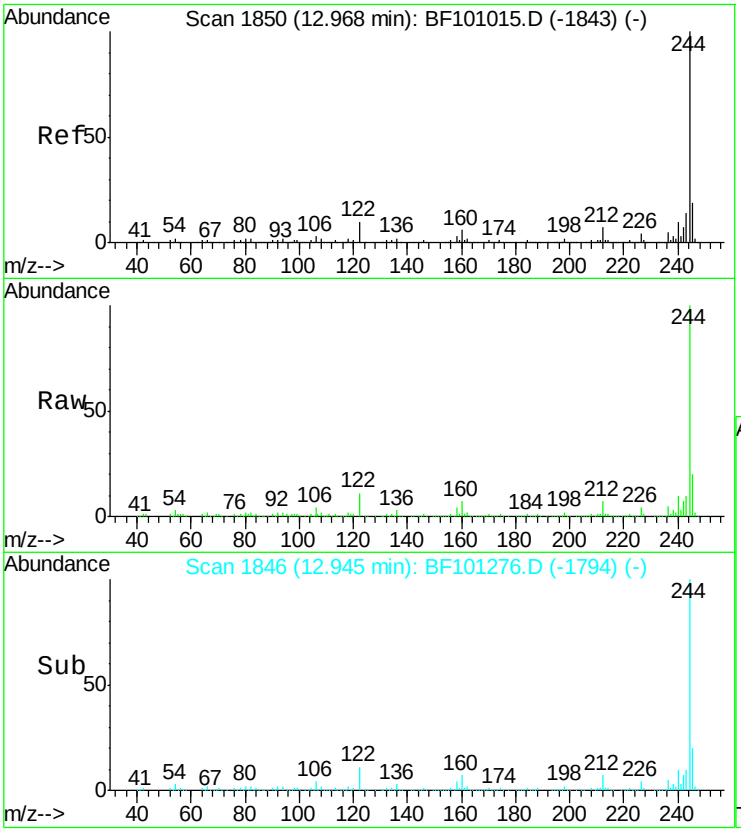


#77
Pyrene
Concen: 18.662 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:202 Resp: 110993

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.0	14.3	21.5



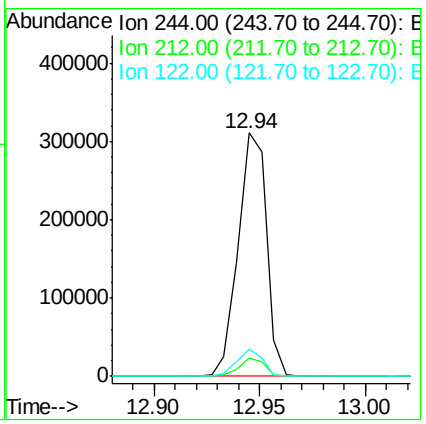


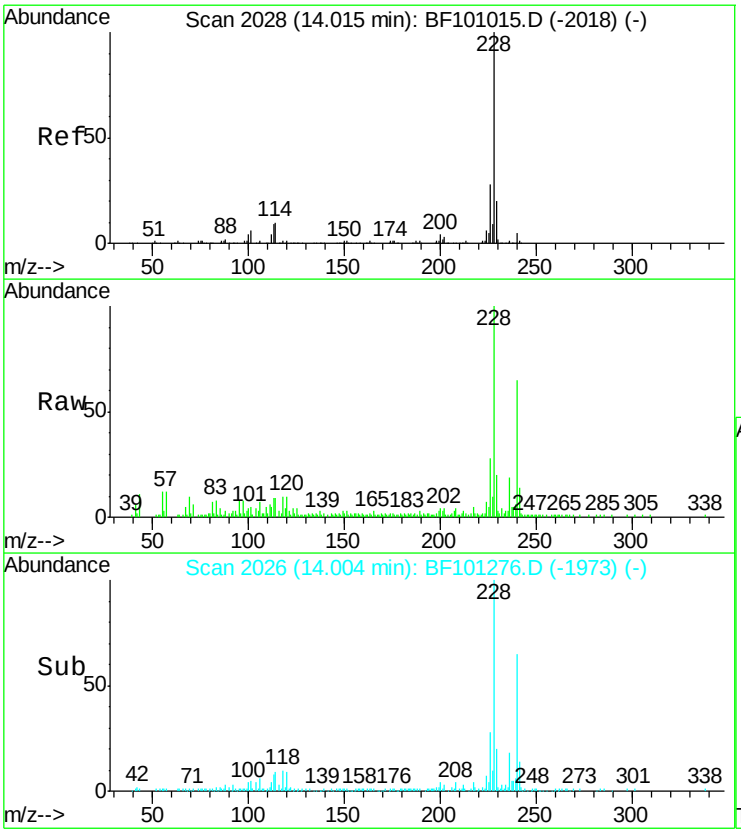
#78
Terphenyl-d14
Concen: 73.476 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion:244 Resp: 289547

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.4	11.0	16.4

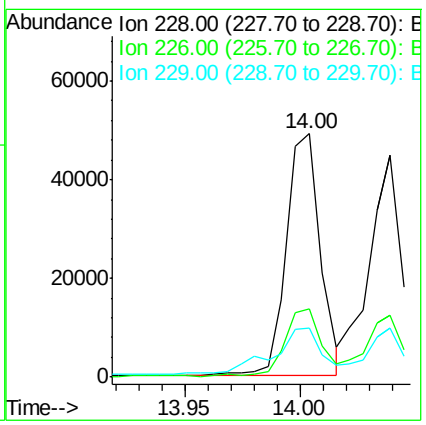


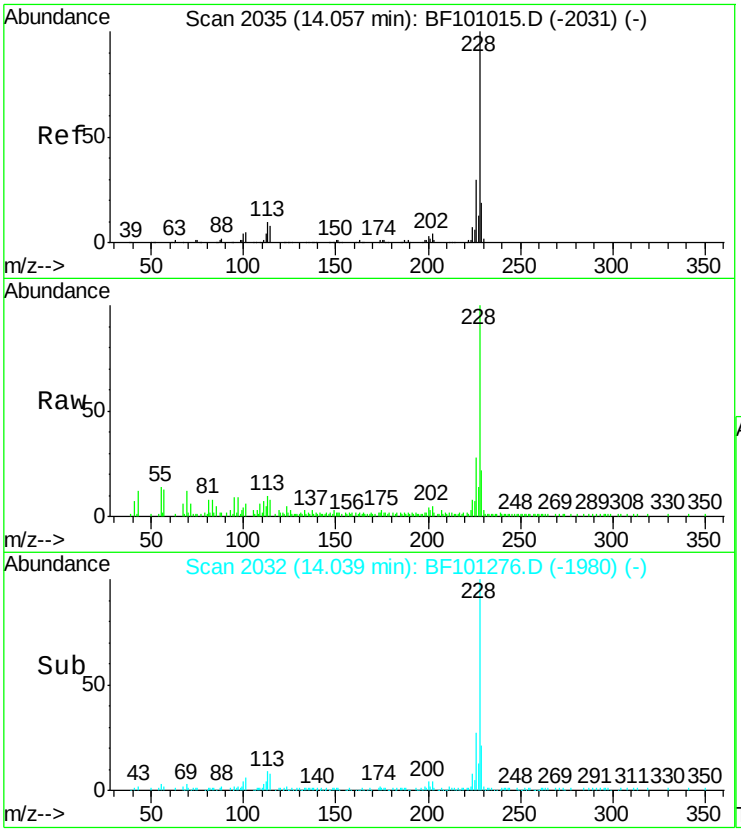


#80
Benzo(a)anthracene
Concen: 9.102 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:228 Resp: 49534

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.3	15.8	23.6



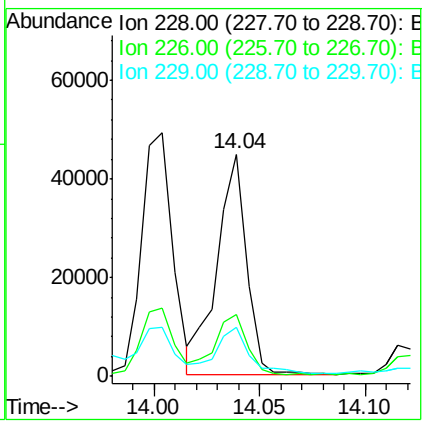


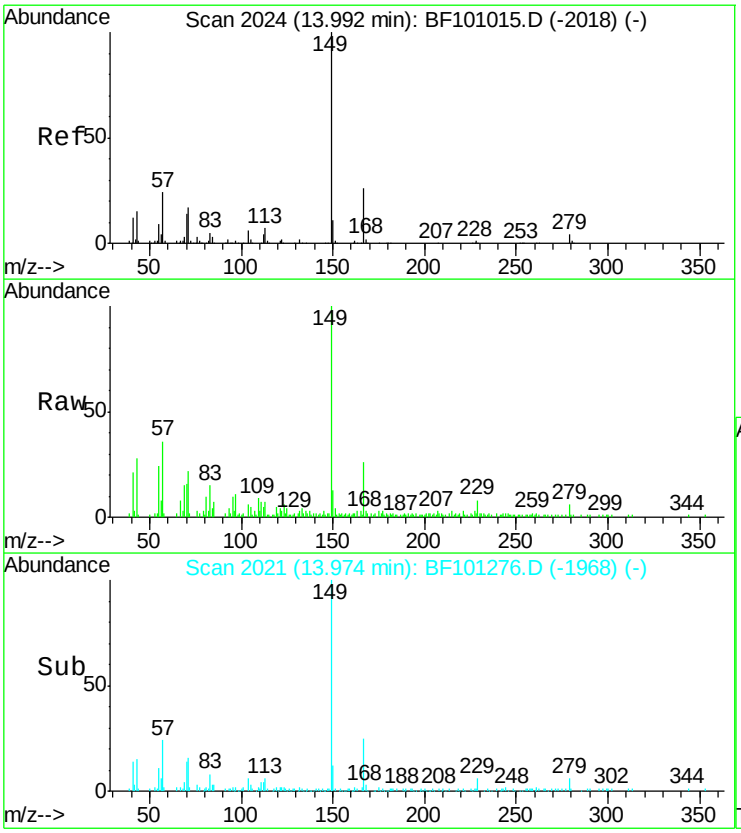
#82
Chrysene
Concen: 8.599 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion:228 Resp: 43463

Ion	Ratio	Lower	Upper
228	100		
226	27.7	25.0	37.6
229	21.9	16.2	24.4

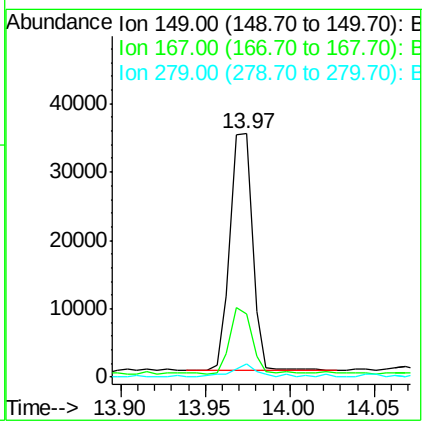


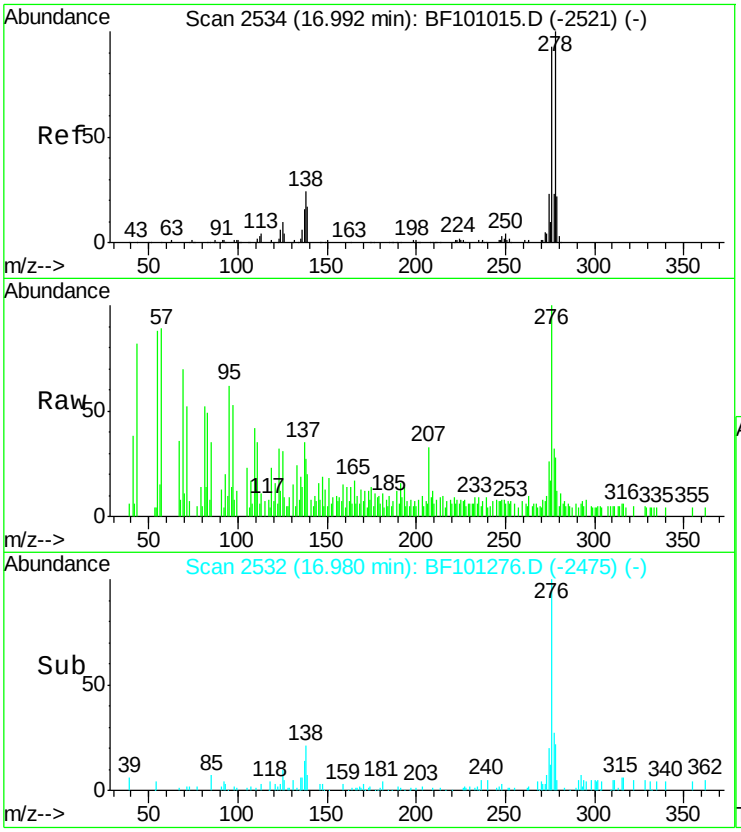


#83
Bis(2-ethylhexyl)phthalate
Concen: 8.647 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:149 Resp: 32330

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	5.6	3.0	4.4#



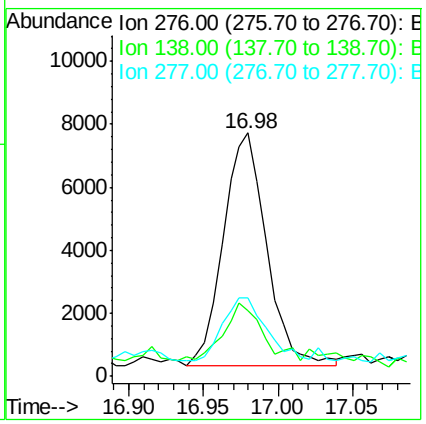


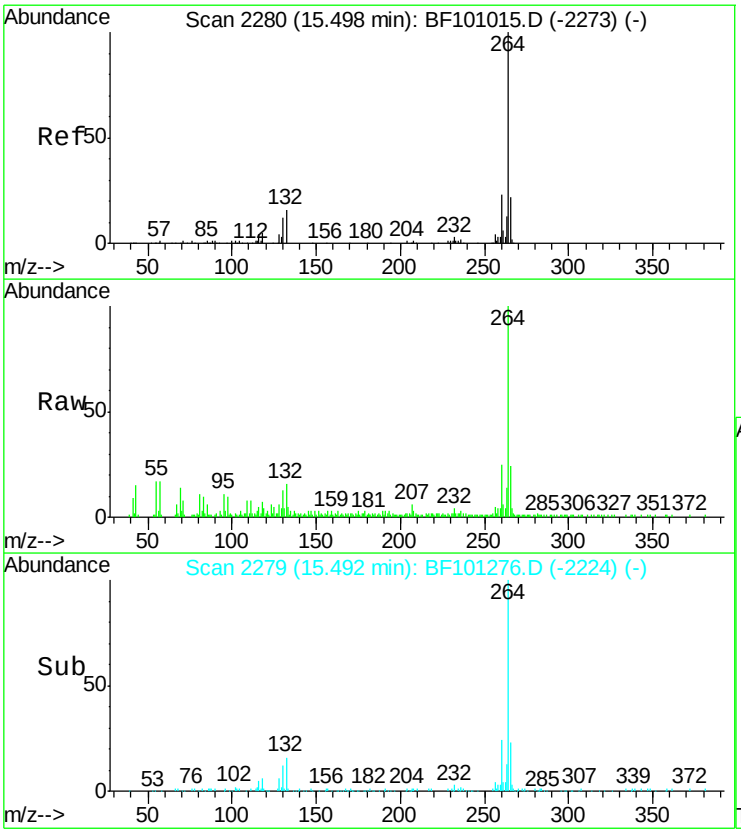
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.308 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.04 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion:276 Resp: 14866

Ion	Ratio	Lower	Upper
276	100		
138	22.7	25.0	37.6#
277	27.2	20.1	30.1

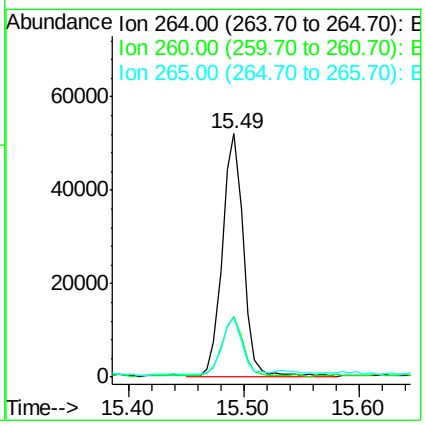


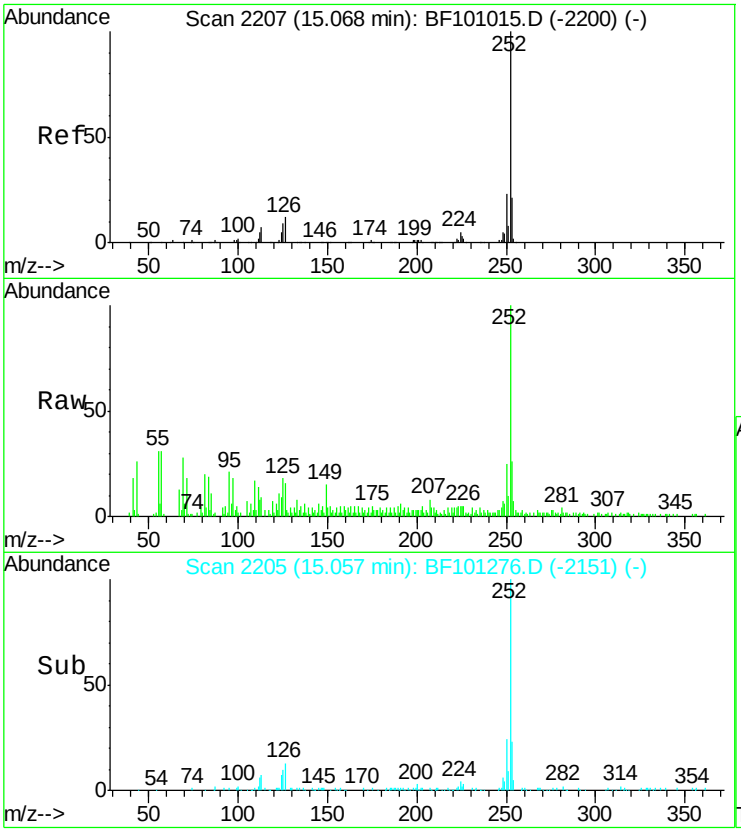


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:264 Resp: 66932

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	24.2	17.5	26.3



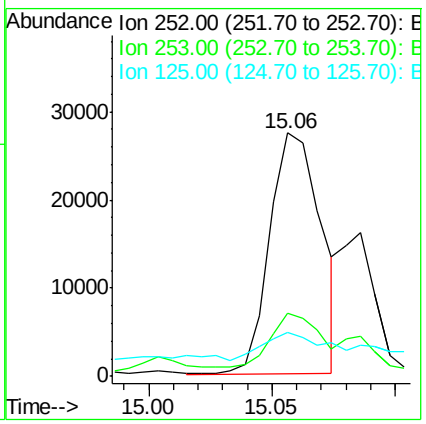


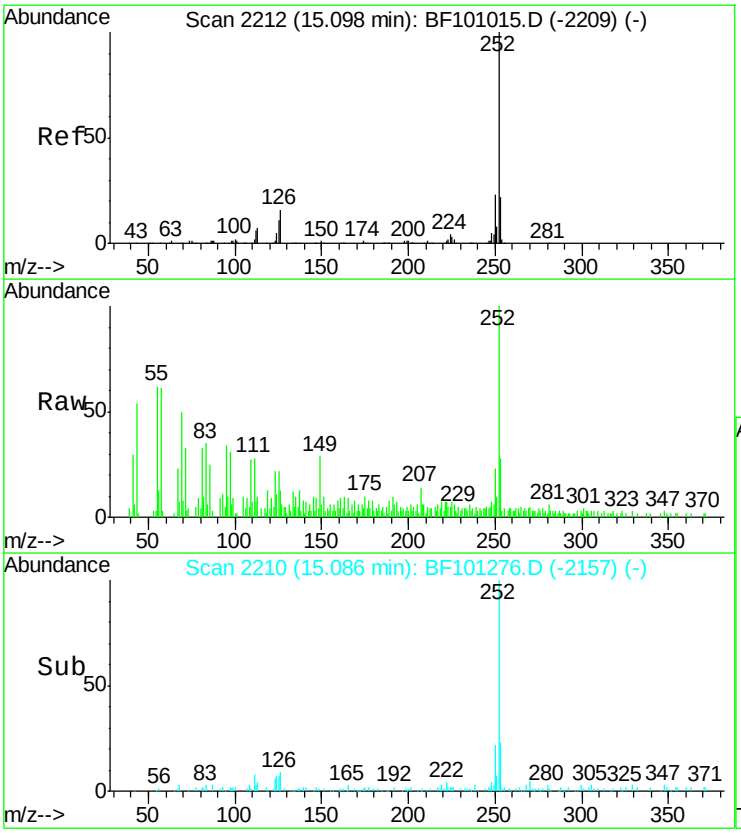
#87
Benzo(b)fluoranthene
Concen: 9.951 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion:252 Resp: 39893

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.0	25.6#
125	18.2	9.0	13.6#

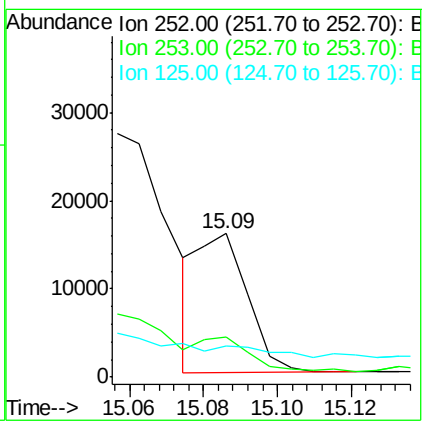


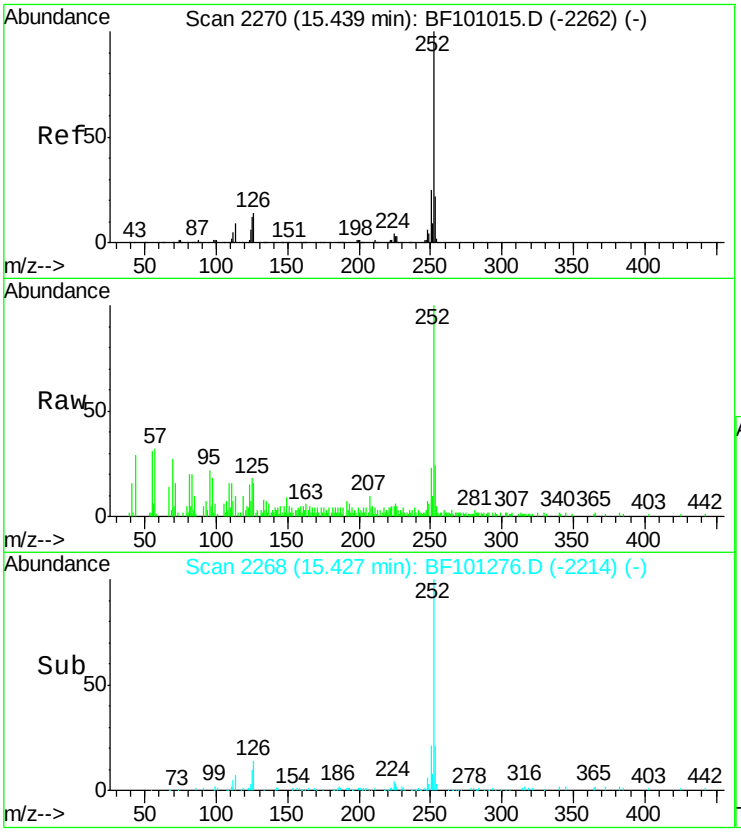


#88
Benzo(k)fluoranthene
Concen: 3.737 ng m
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:252 Resp: 14761

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.9	26.9#
125	21.7	10.2	15.2#



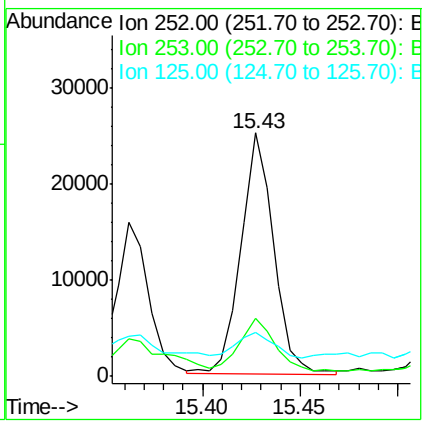


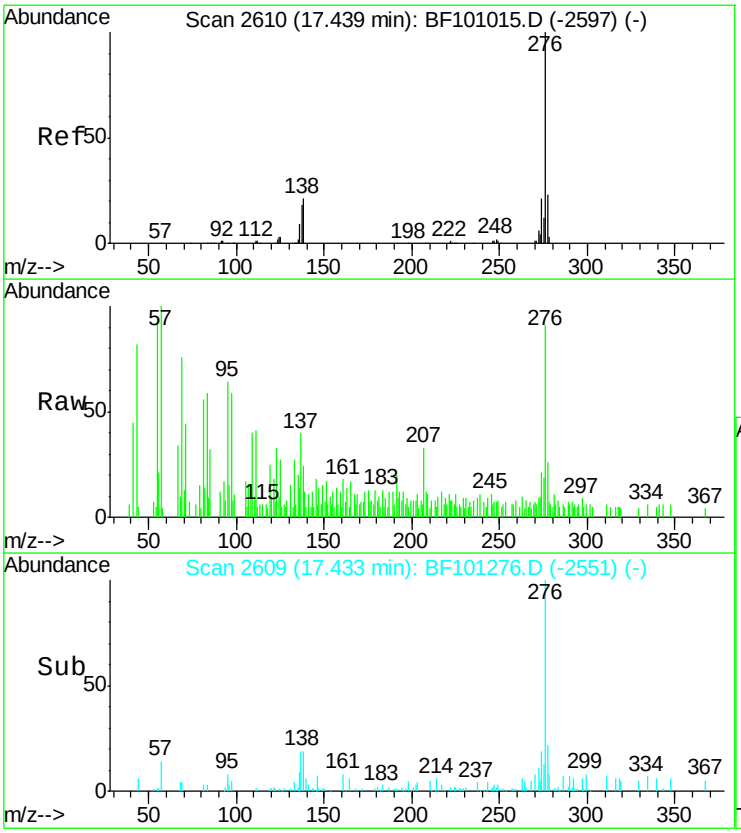
#89
Benzo(a)pyrene
Concen: 8.003 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(0-1)

Tgt Ion:252 Resp: 29169

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	18.1	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.392 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.04 min
Lab File: BF101276.D
Acq: 9 Dec 2017 11:07

Tgt Ion:276 Resp: 13301

Ion	Ratio	Lower	Upper
276	100		
277	28.3	17.9	26.9#
138	26.6	21.8	32.8