Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101289.D
Acq On : 11 Dec 2017 15:09
Operator : SJ/JU
Sample : I6747-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 11 16:38:40 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	52918	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	200546	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	90284	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	169722	20.00	ng		0.00
75) Chrysene-d12	14.01	240	106242	20.00	ng		0.00
86) Perylene-d12	15.49	264	107369	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	59332	18.53	ng		0.00
7) Phenol-d6	6.46	99	76995	19.80	ng		0.00
23) Nitrobenzene-d5	7.39	82	46537	13.84	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	8409	7.75	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	107715	16.32	ng		0.00
78) Terphenyl-d14	12.95	244	88452	18.21	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	6147	2.348	ng	#	75
25) Isophorone	7.39	82	46536	8.104	ng	#	64
50) 2,6-Dinitrotoluene	9.87	165	11876	7.744	ng	#	24
56) 2,4-Dinitrotoluene	9.87	165	11876	5.778	ng	#	21
70) Phenanthrene	11.39	178	100001	10.699	ng		97
71) Anthracene	11.39	178	100001	10.571	ng		99
74) Fluoranthene	12.58	202	133133	12.850	ng		93
77) Pyrene	12.81	202	126158	17.209	ng		98
80) Benzo(a)anthracene	14.00	228	54746	8.161	ng		98
82) Chrysene	14.03	228	48003	7.705	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	26836	4.845	ng	#	91
87) Benzo(b)fluoranthene	15.06	252	74920	11.650	ng		94
88) Benzo(k)fluoranthene	15.06	252	74920	11.824	ng		95
89) Benzo(a)pyrene	15.43	252	43633	7.463	ng		94
91) Benzo(g,h,i)perylene	17.43	276	26997	5.558	ng	#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
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Acq On : 11 Dec 2017 15:09
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
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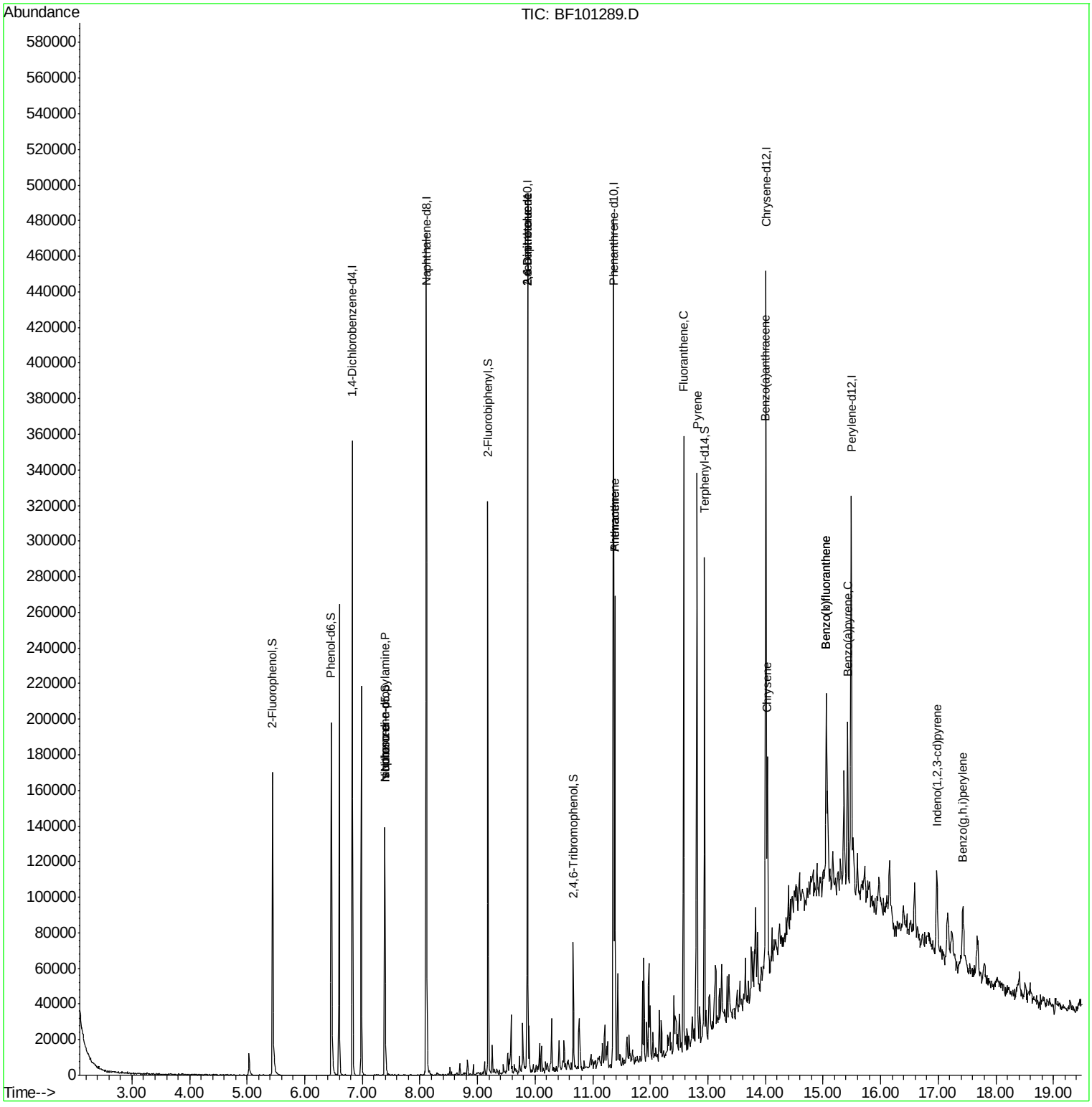
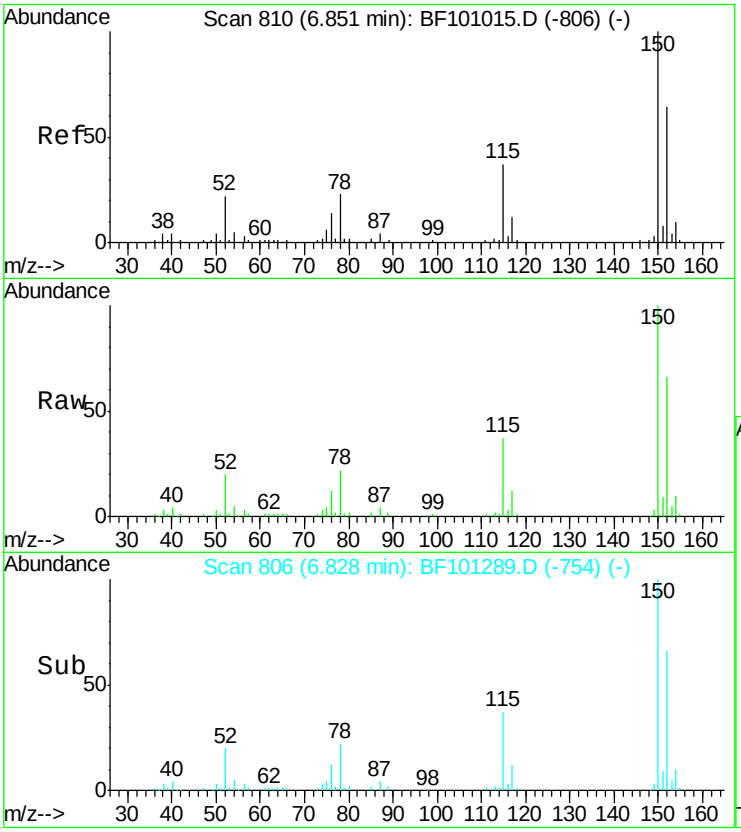


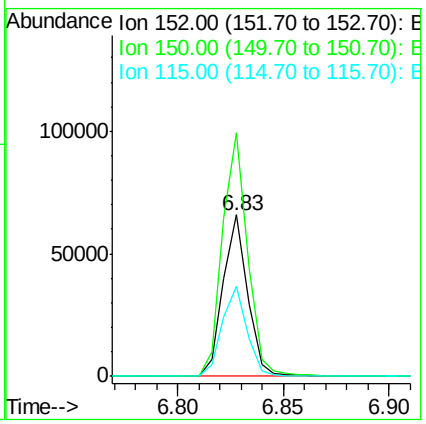


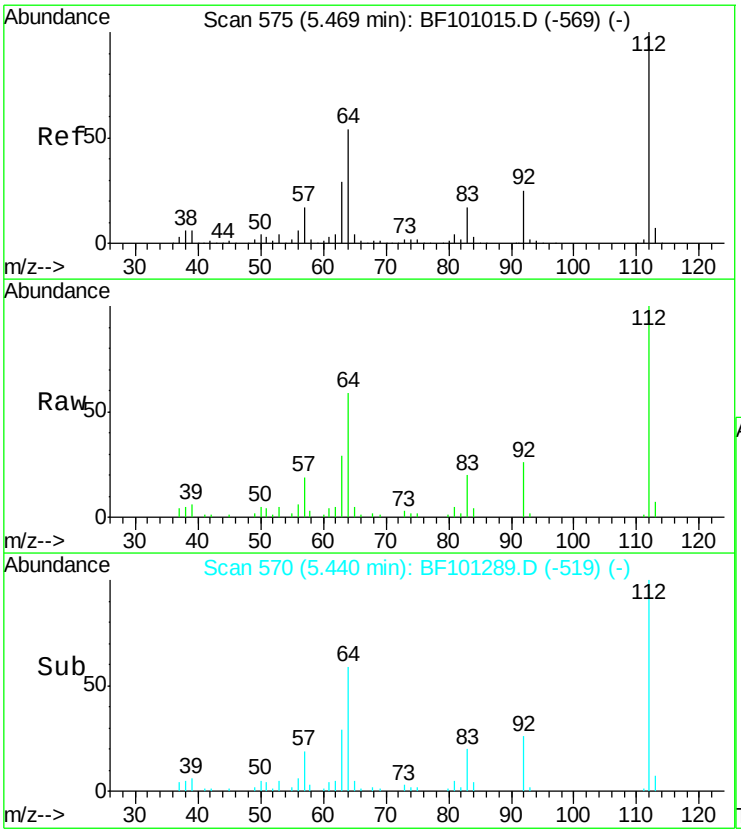
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 52918

Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.6	186.8
115	55.4	50.1	75.1

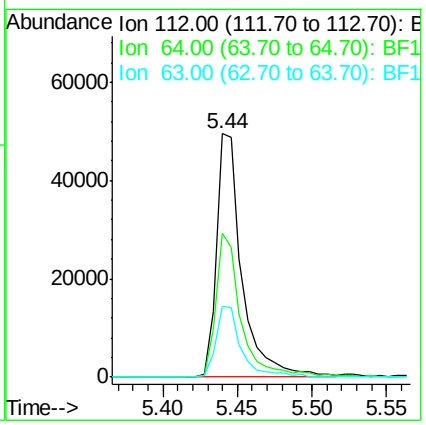


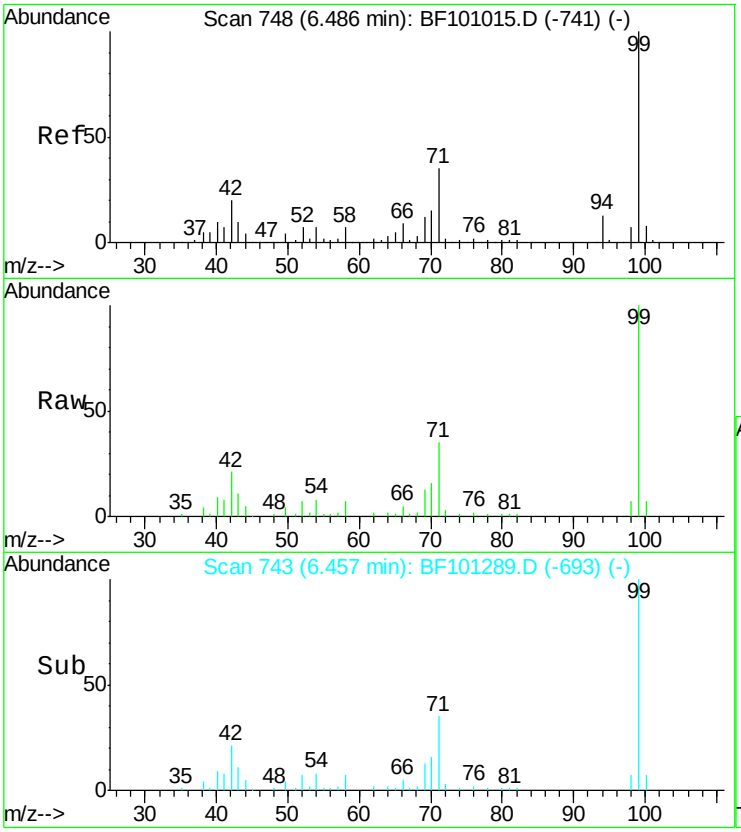


#5
2-Fluorophenol
Concen: 18.527 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion:112 Resp: 59332

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	29.3	23.7	35.5



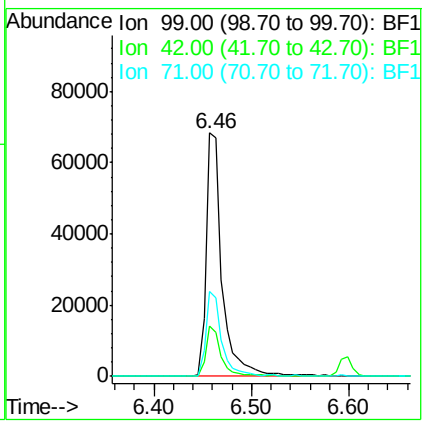


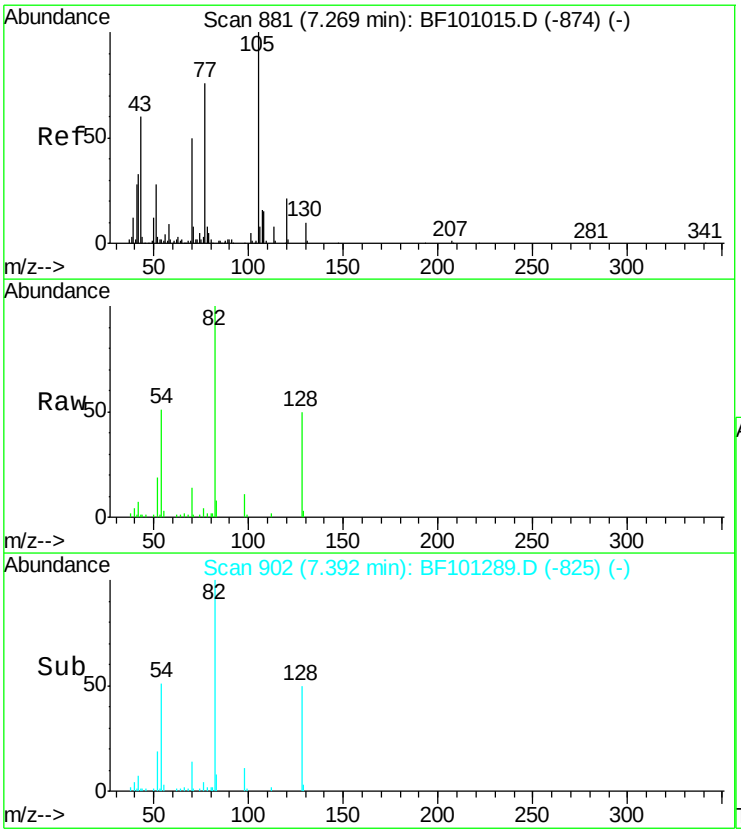
#7
Phenol-d6
Concen: 19.803 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 76995

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	34.7	25.4	38.0

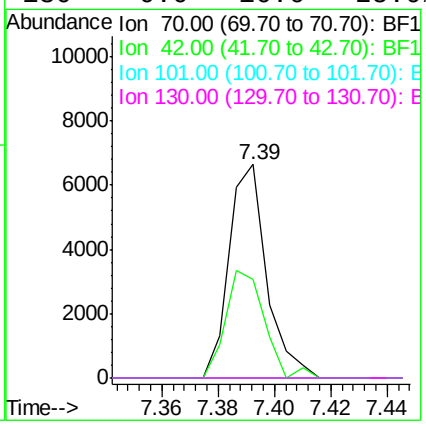


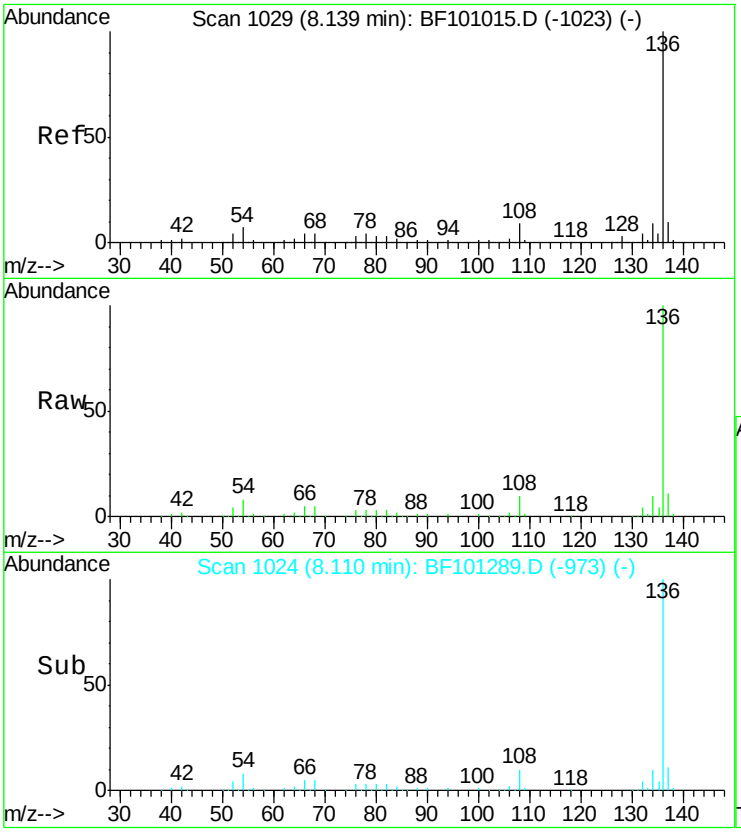


#19
n-Nitroso-di-n-propylamine
Concen: 2.348 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion: 70 Resp: 6147

Ion	Ratio	Lower	Upper
70	100		
42	46.3	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



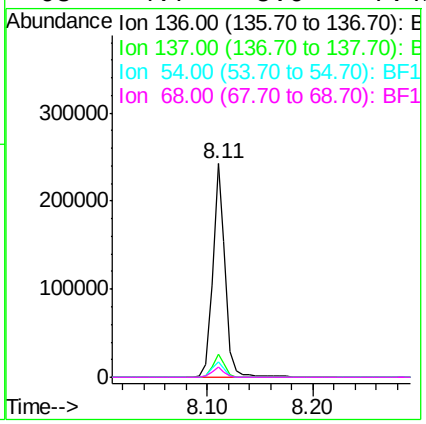


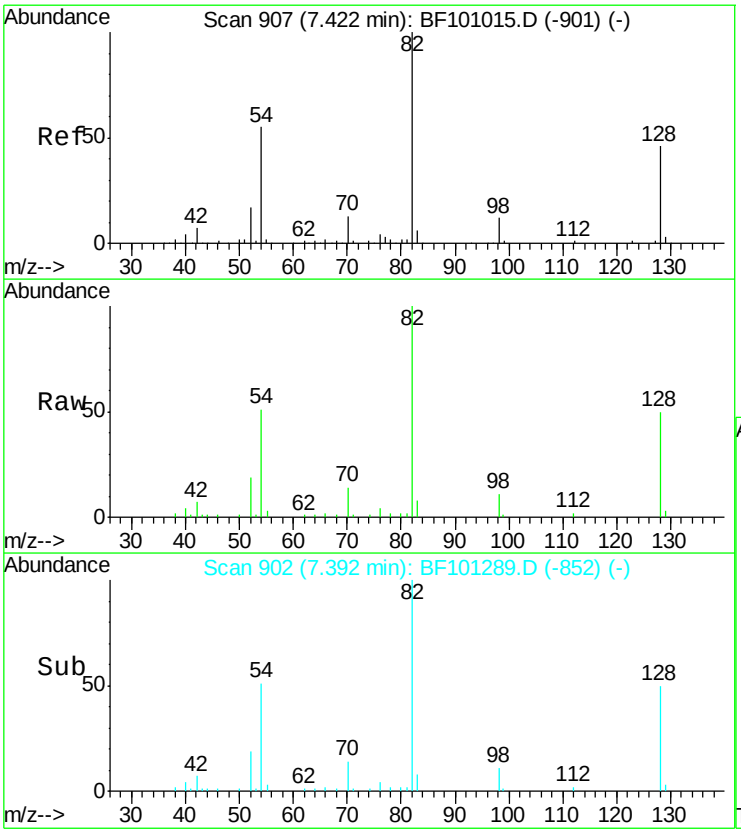
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 200546

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.6	9.8
68	4.7	5.0	7.4#

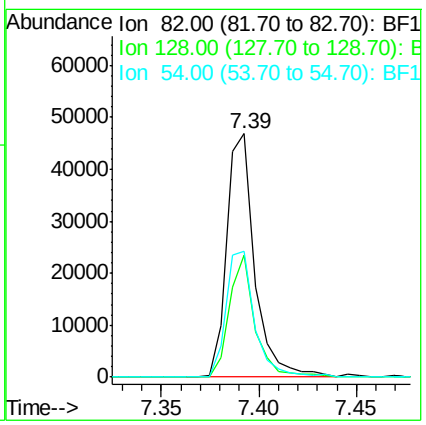


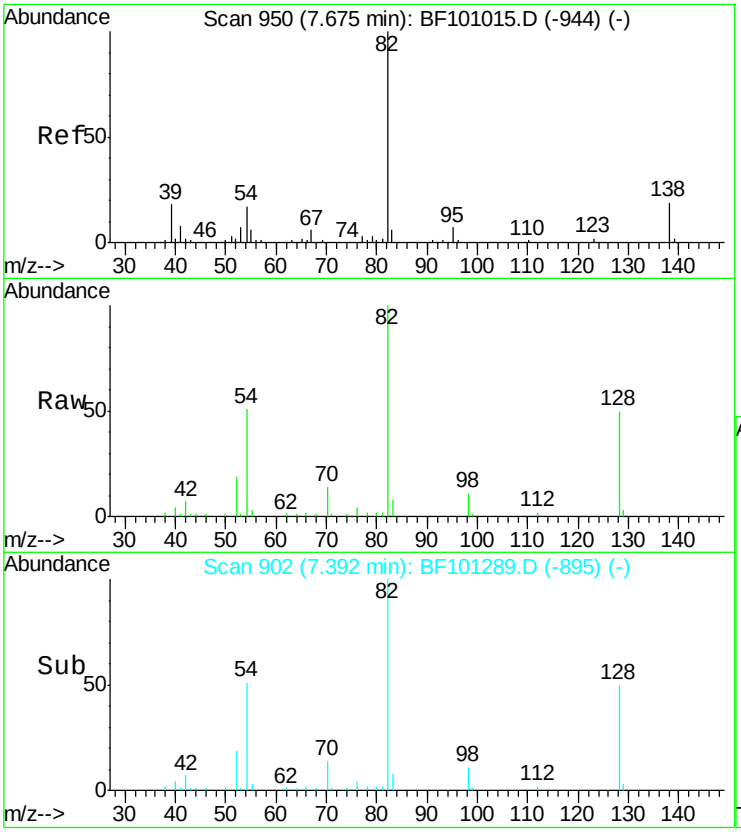


#23
Nitrobenzene-d5
Concen: 13.843 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion: 82 Resp: 46537

Ion	Ratio	Lower	Upper
82	100		
128	49.9	36.1	54.1
54	51.5	41.4	62.2



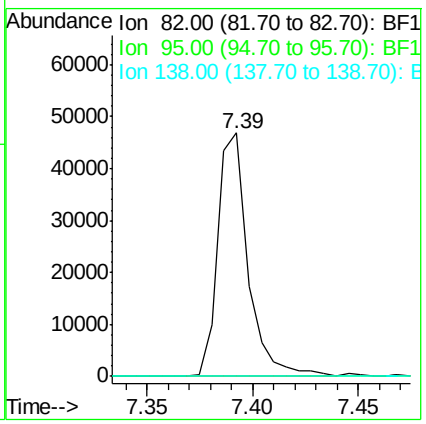


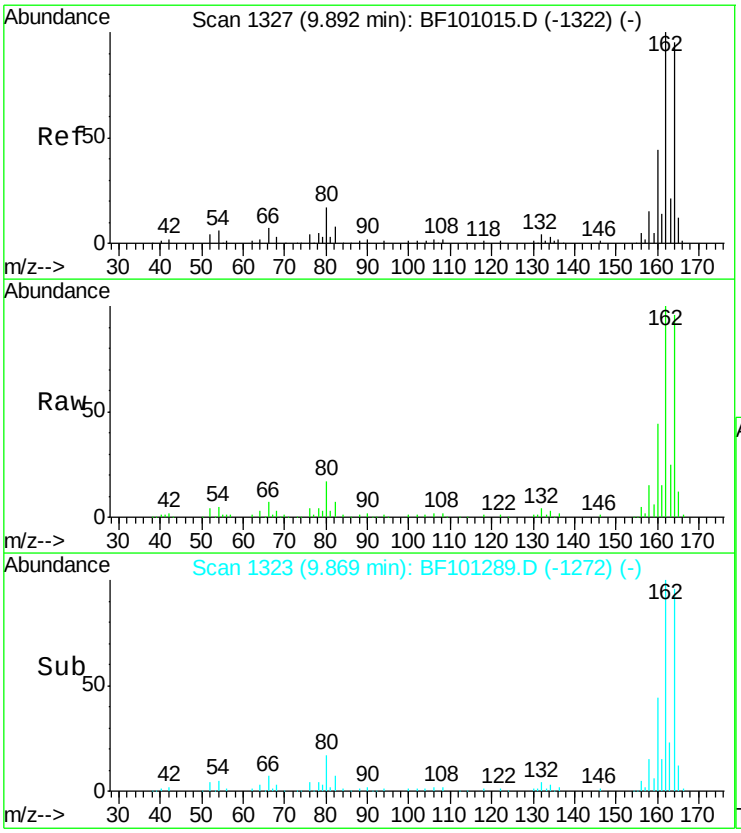
#25
Isophorone
Concen: 8.104 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 46536

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

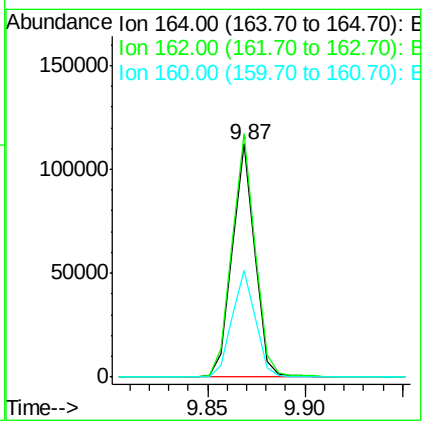


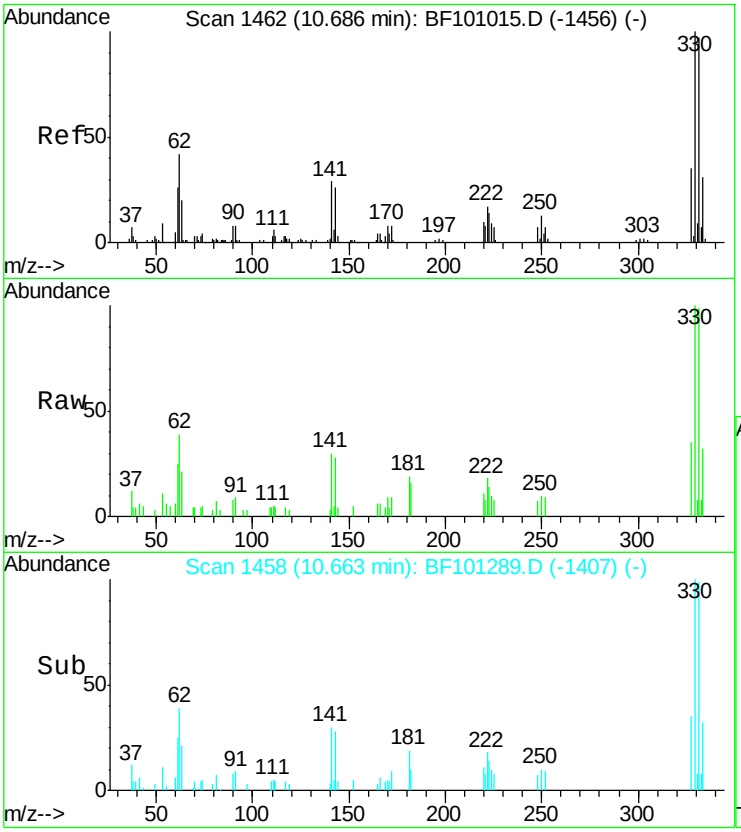


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion:164 Resp: 90284

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.5	38.3	57.5



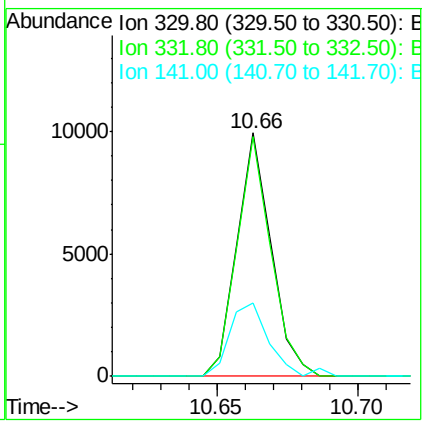


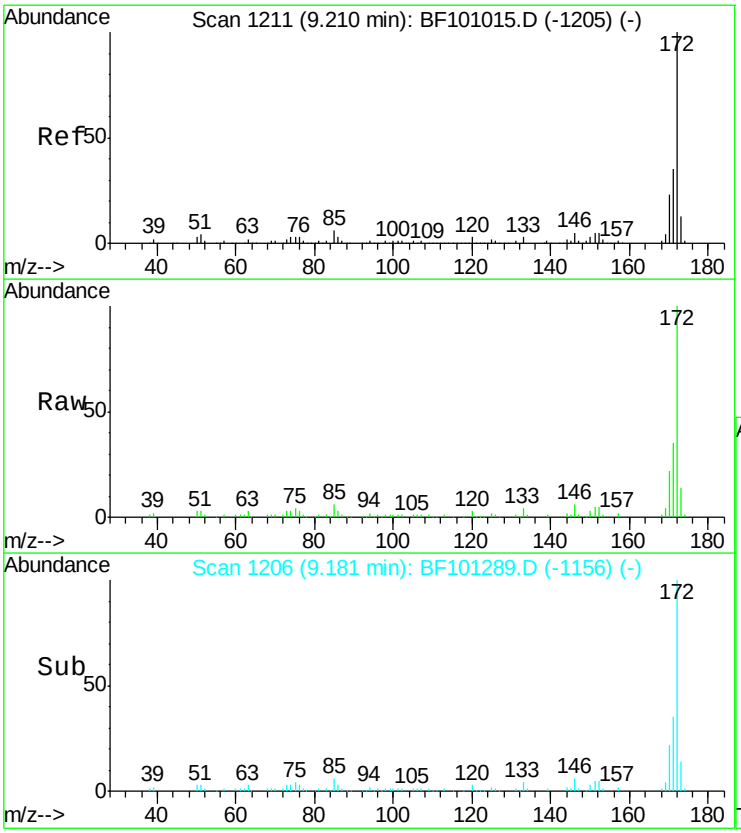
#41
2,4,6-Tribromophenol
Concen: 7.753 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 8409

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	34.5	29.9	44.9

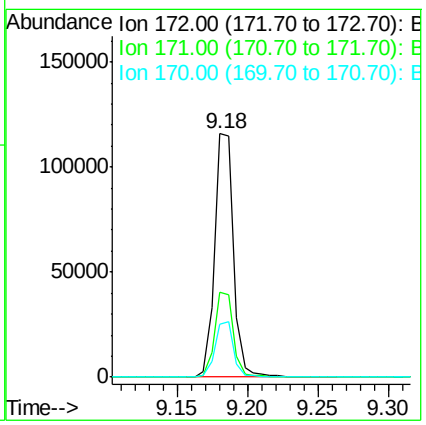


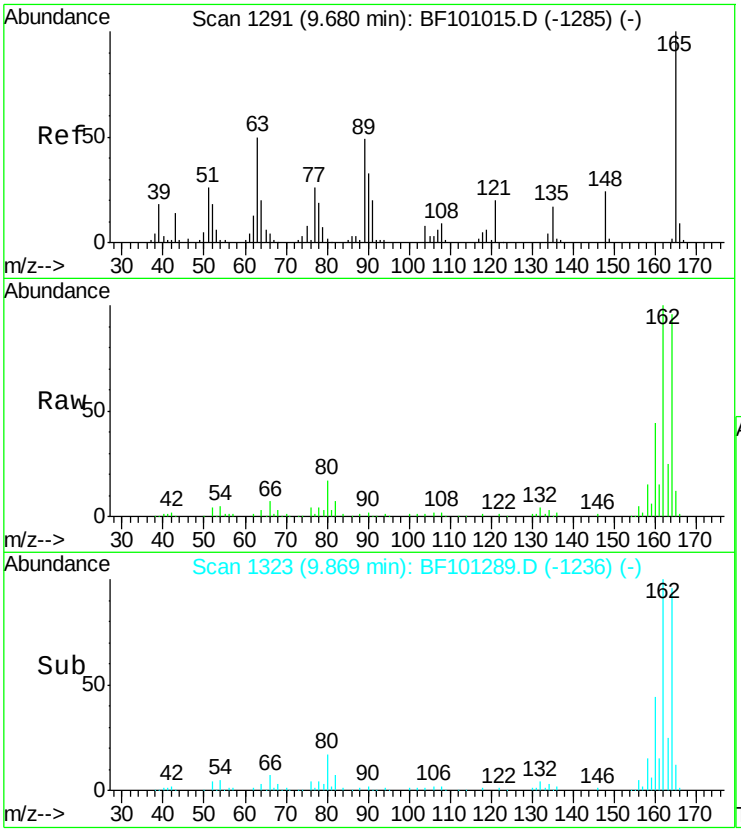


#44
2-Fluorobiphenyl
Concen: 16.324 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion:172 Resp: 107715

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	21.5	19.6	29.4



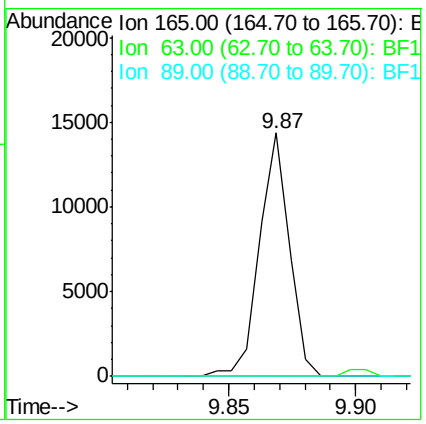


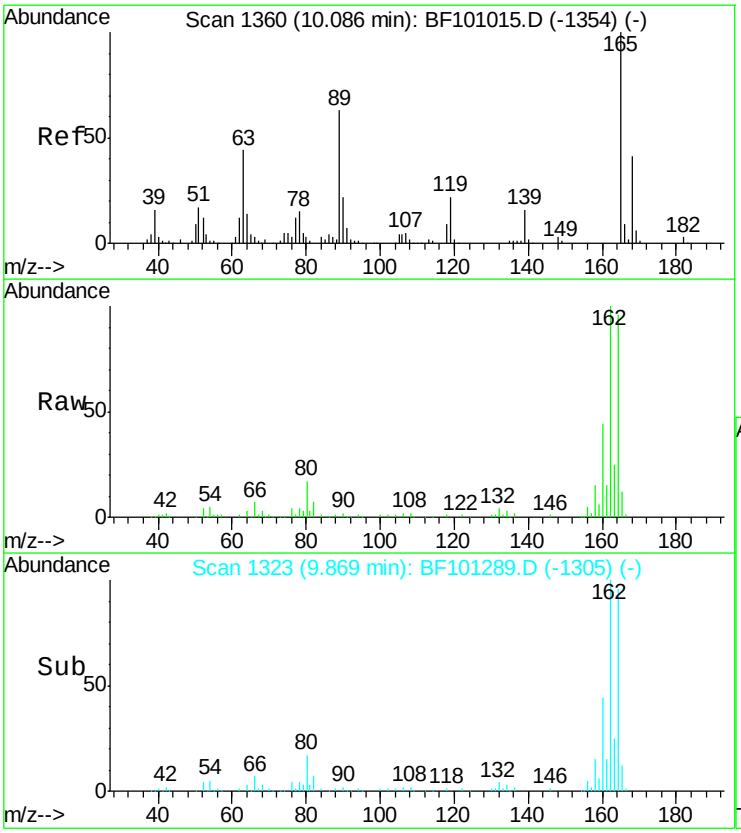
#50
2,6-Dinitrotoluene
Concen: 7.744 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.21 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11876

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

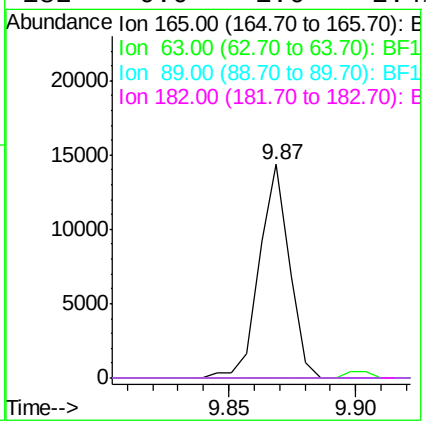


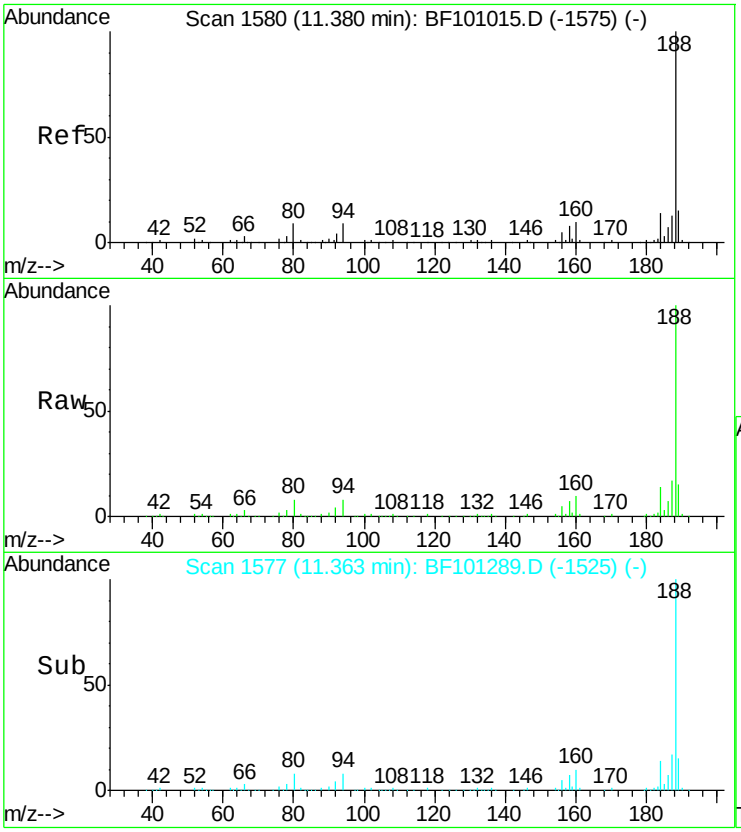


#56
2,4-Dinitrotoluene
Concen: 5.778 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion:165 Resp: 11876

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#



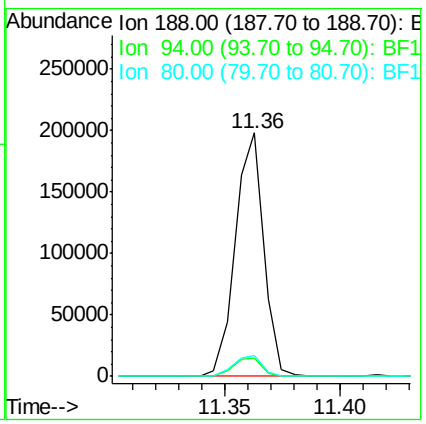


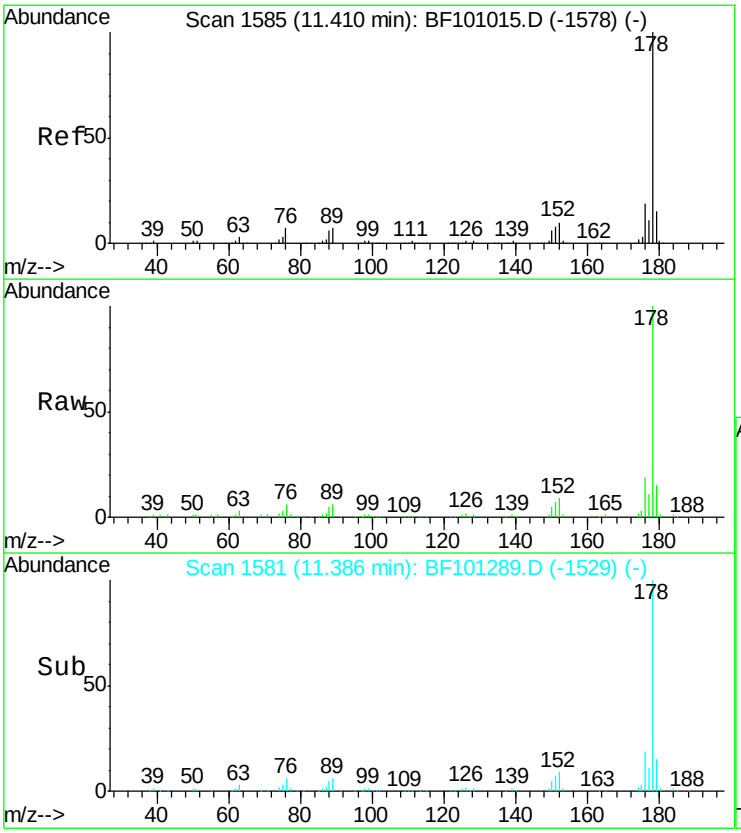
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 169722

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.4	9.2	13.8#

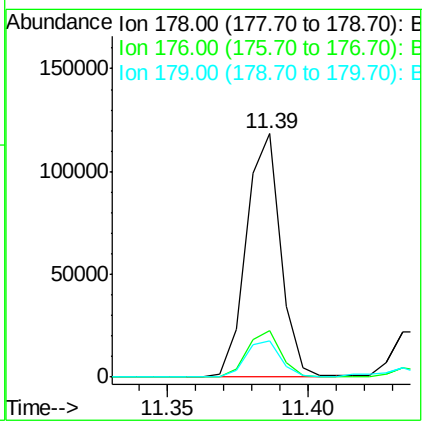


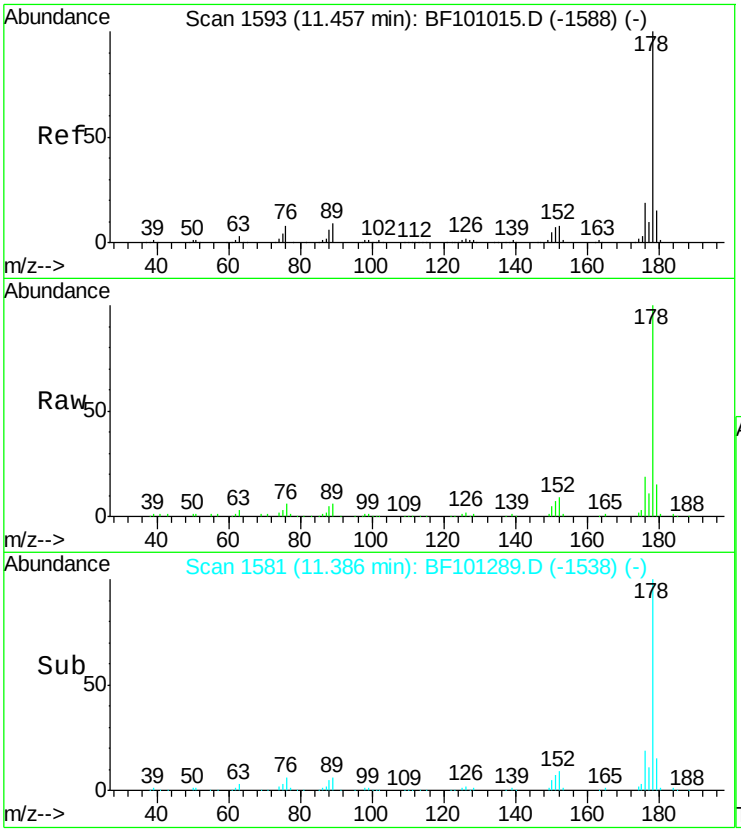


#70
Phenanthrene
Concen: 10.699 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion:178 Resp: 100001

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.9	13.0	19.6



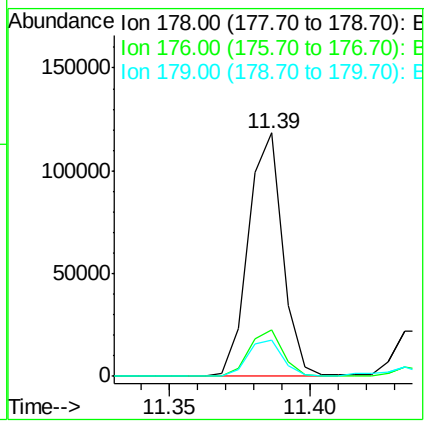


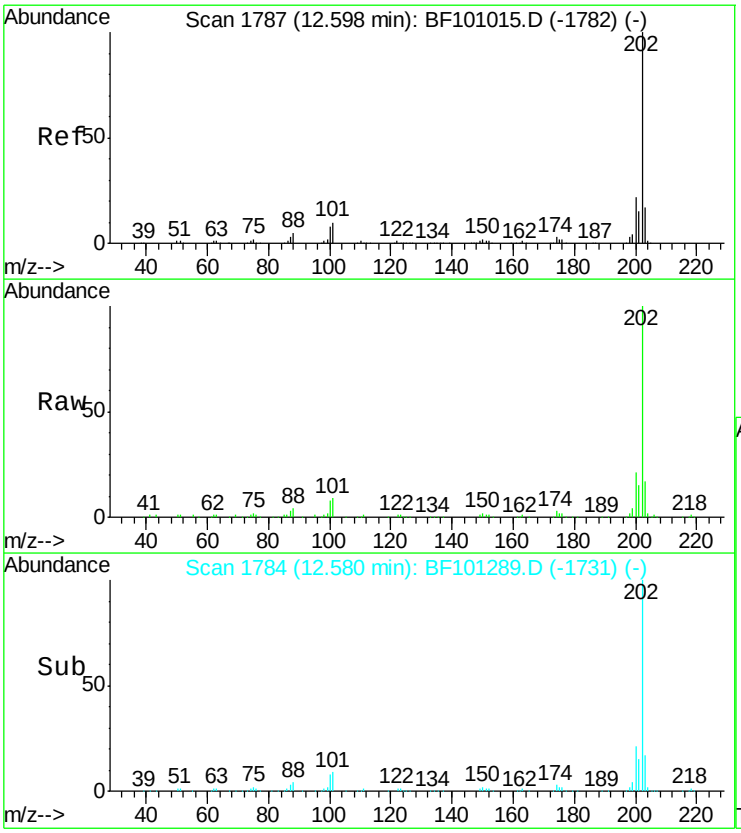
#71
Anthracene
Concen: 10.571 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.05 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 100001

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.9	12.6	19.0

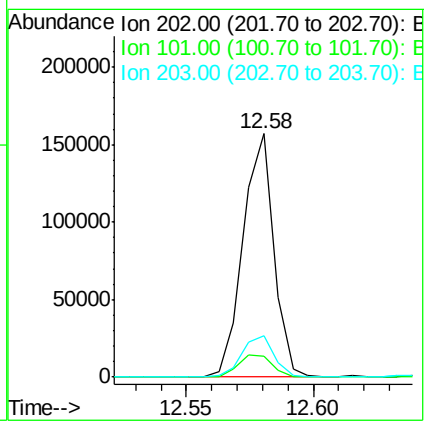


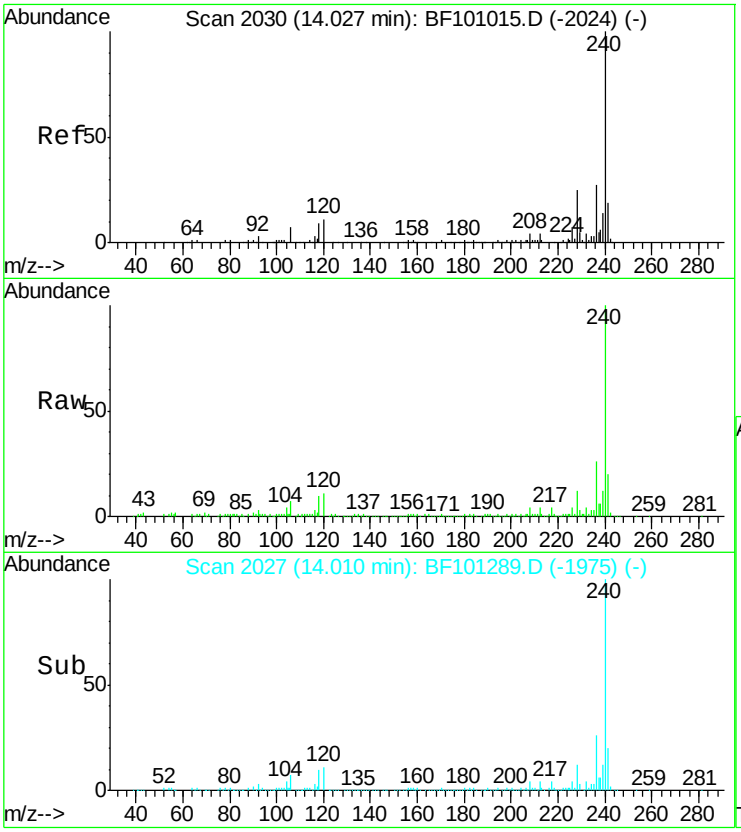


#74
Fluoranthene
Concen: 12.850 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion:202 Resp: 133133

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	34.1
203	17.0	0.0	38.1



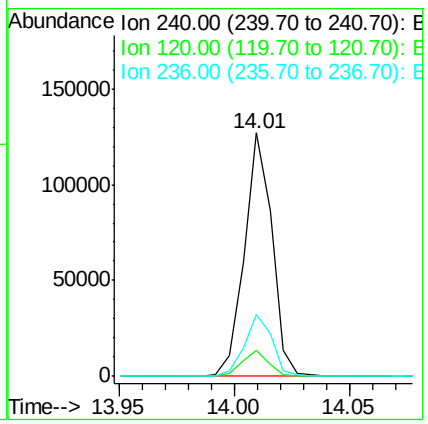


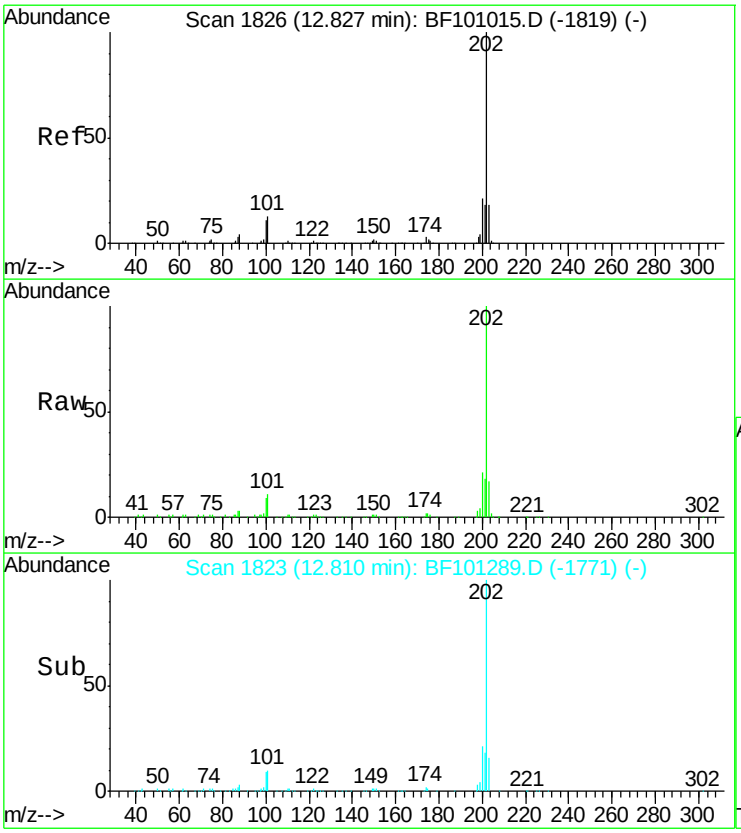
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 106242

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.6	20.7	31.1

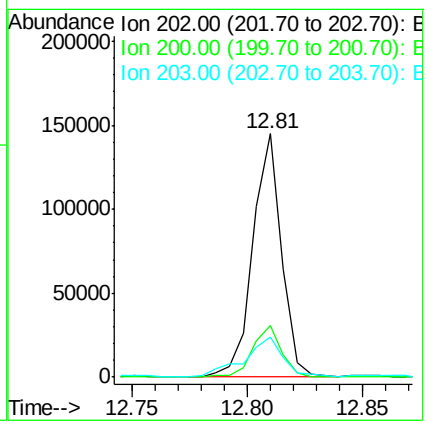


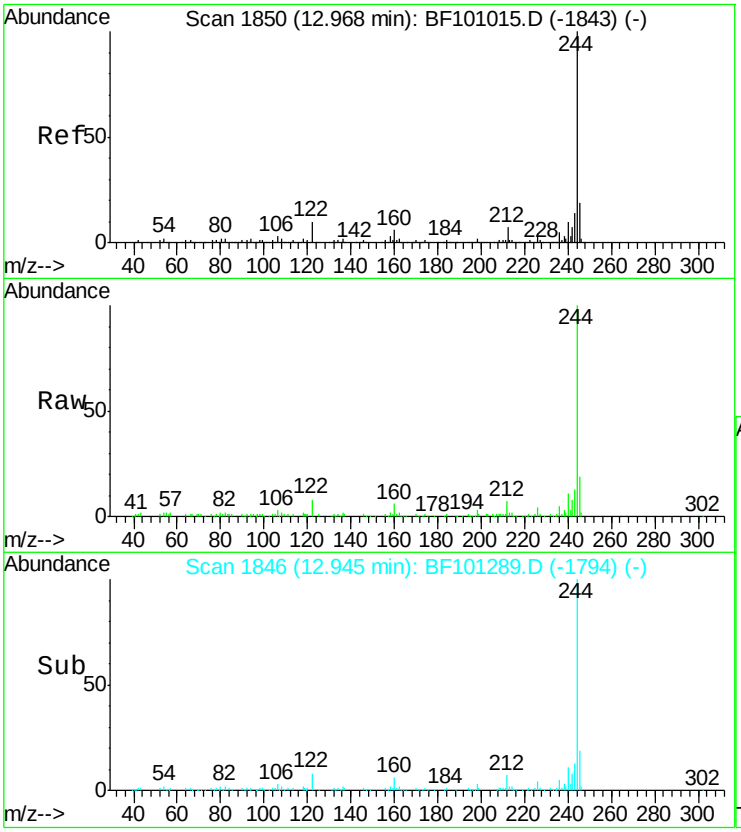


#77
Pyrene
Concen: 17.209 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion:202 Resp: 126158

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	16.6	14.3	21.5



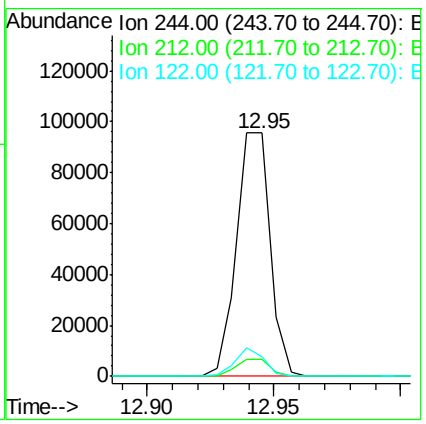


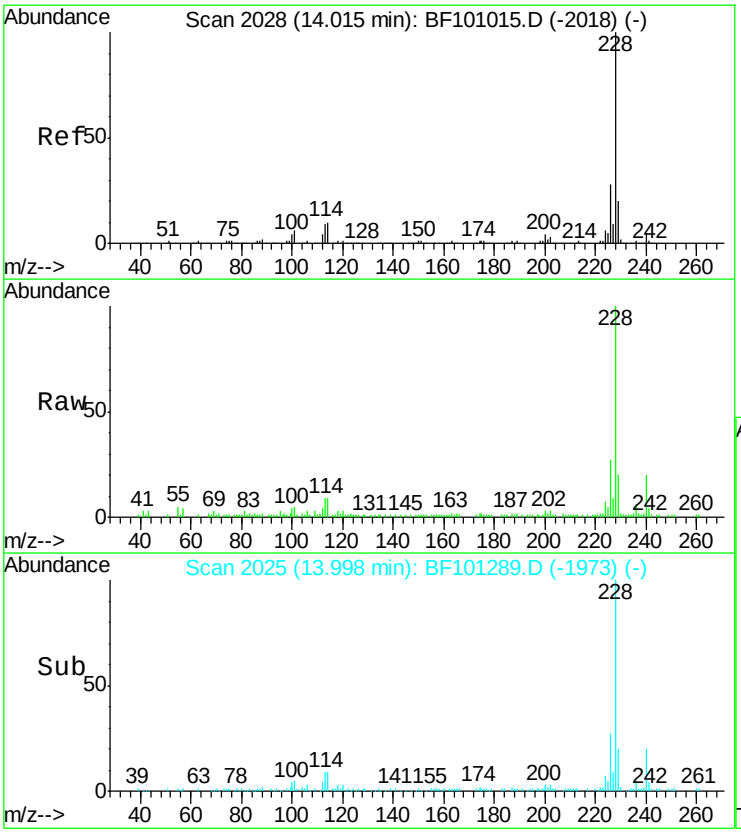
#78
Terphenyl-d14
Concen: 18.210 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 88452

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.2	11.0	16.4#

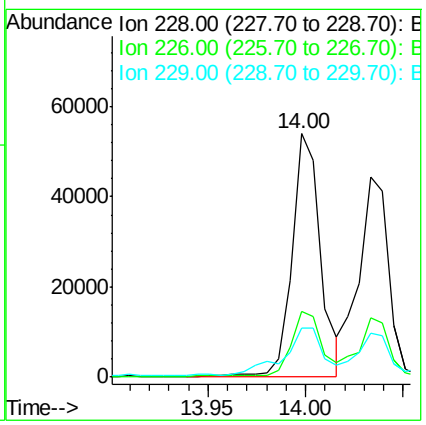


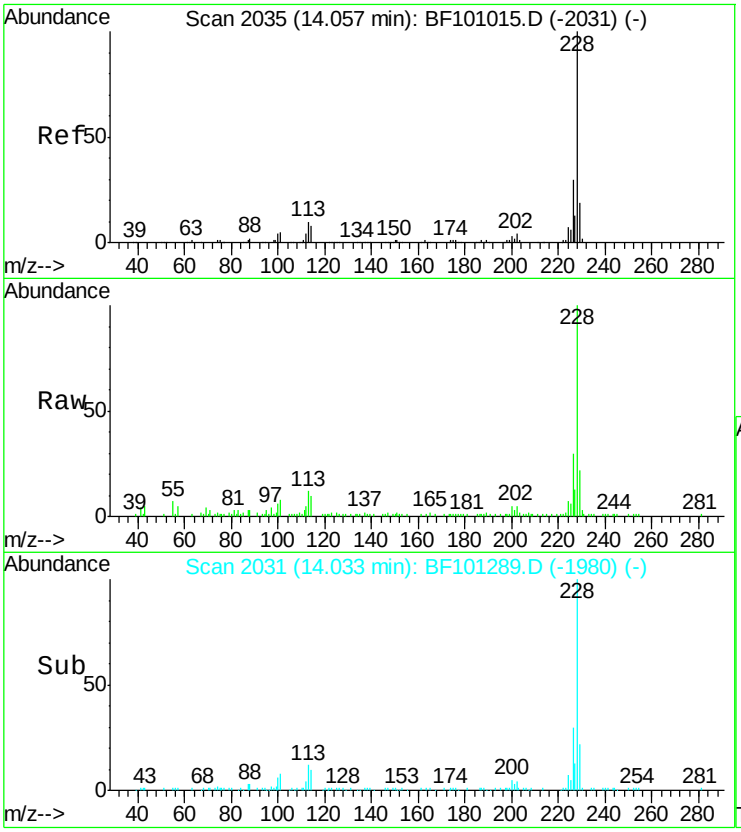


#80
Benzo(a)anthracene
Concen: 8.161 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion:228 Resp: 54746

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	20.3	15.8	23.6



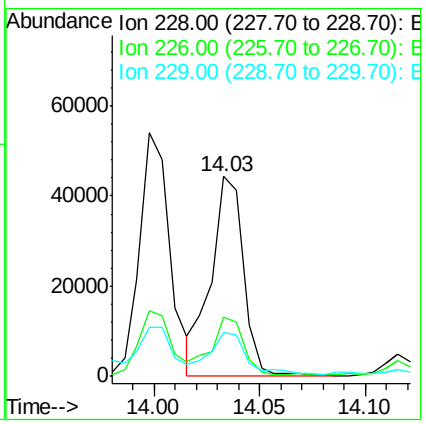


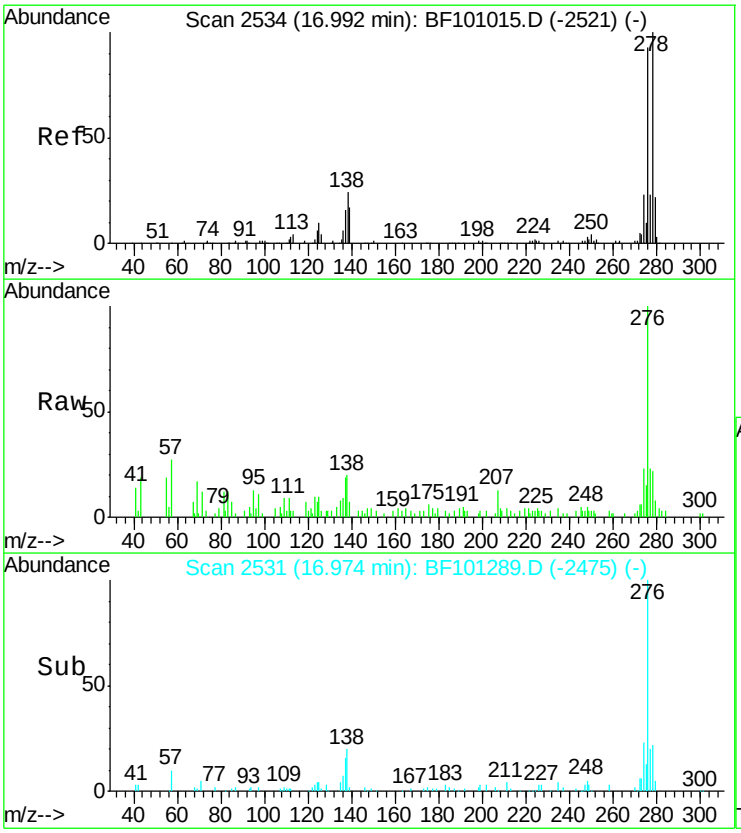
#82
Chrysene
Concen: 7.705 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 48003

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	22.1	16.2	24.4

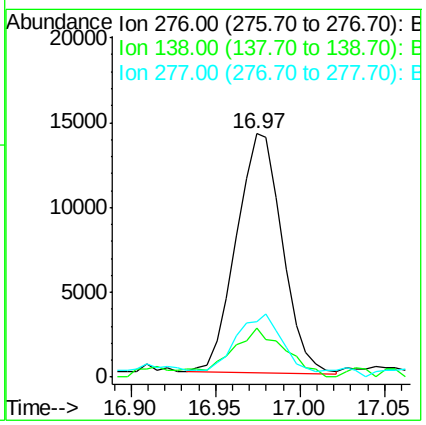


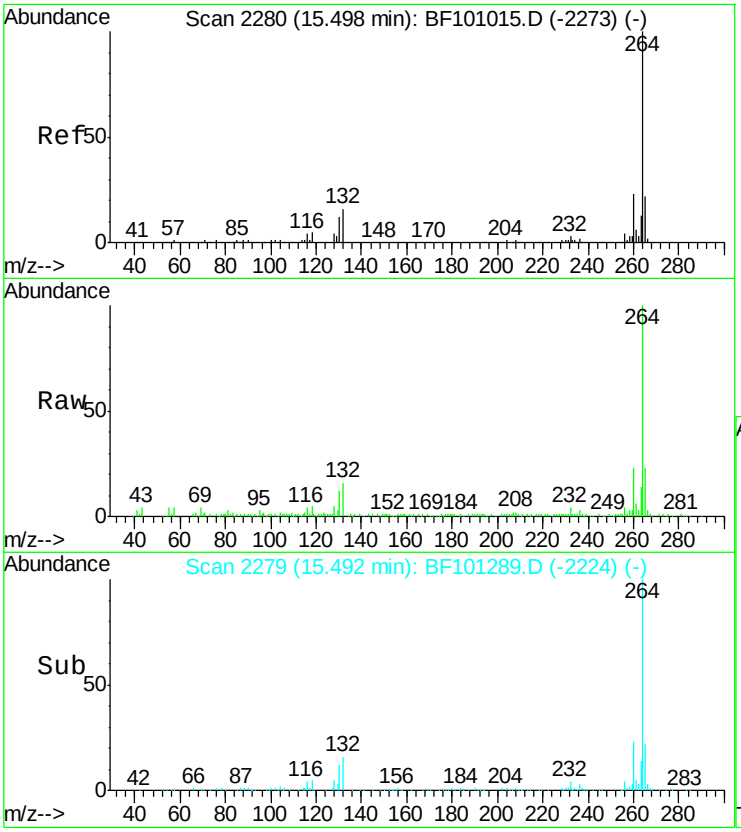


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.845 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.03 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion:276 Resp: 26836

Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	23.1	20.1	30.1



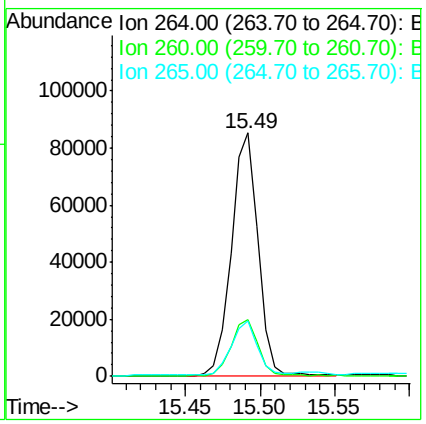


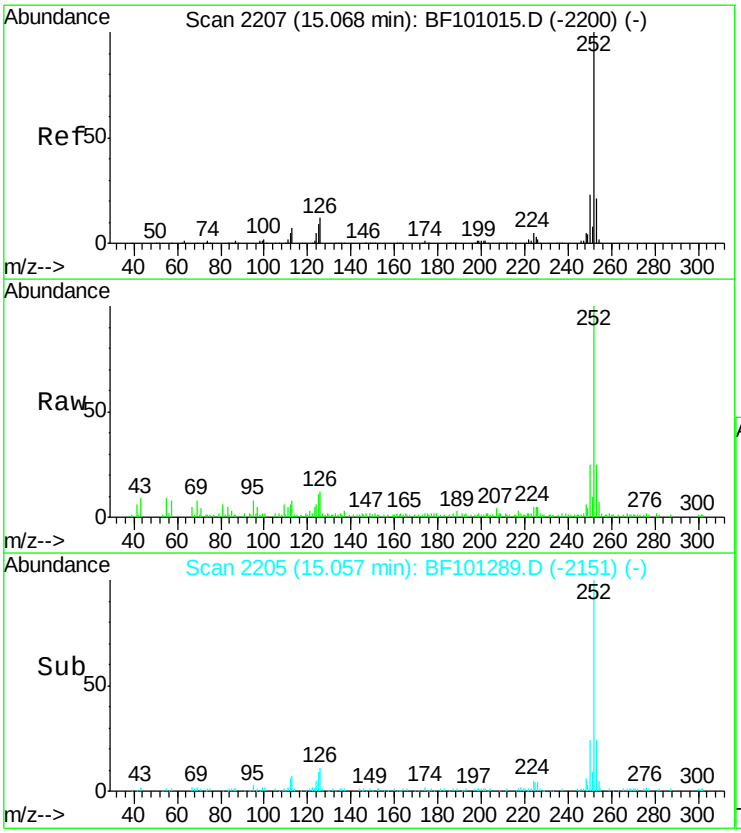
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 107369

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.7	17.5	26.3

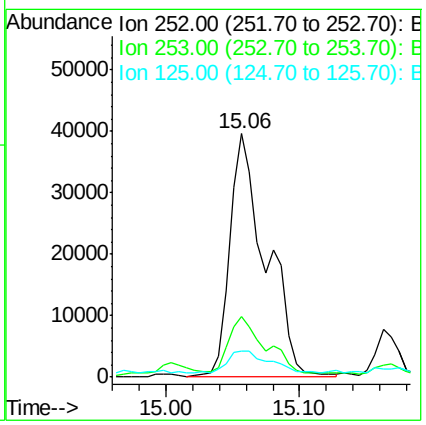


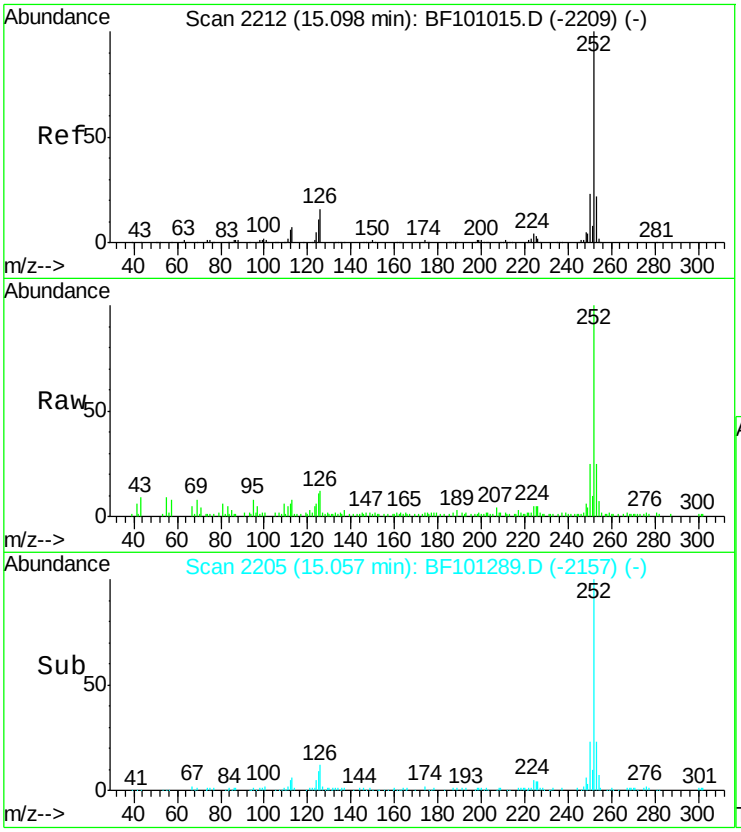


#87
Benzo(b)fluoranthene
Concen: 11.650 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion:252 Resp: 74920

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	10.8	9.0	13.6



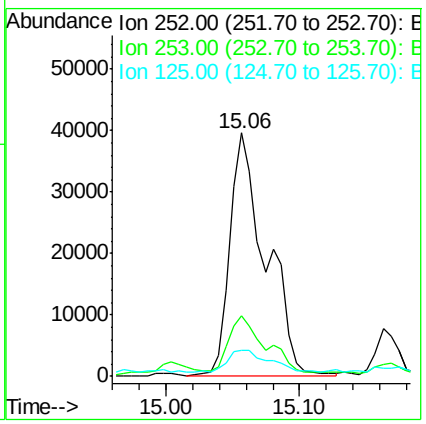


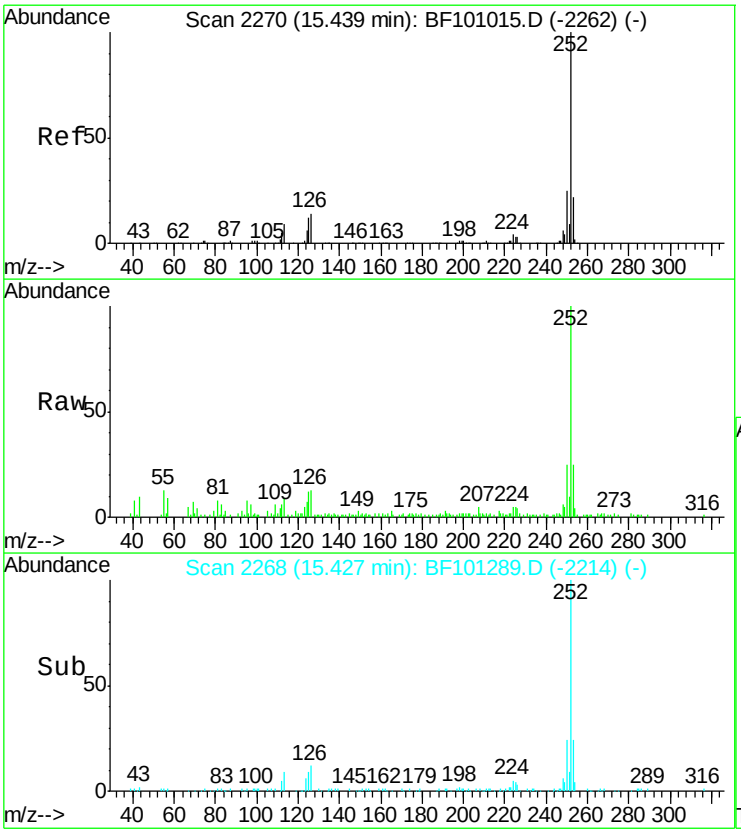
#88
Benzo(k)fluoranthene
Concen: 11.824 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 74920

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	10.8	10.2	15.2

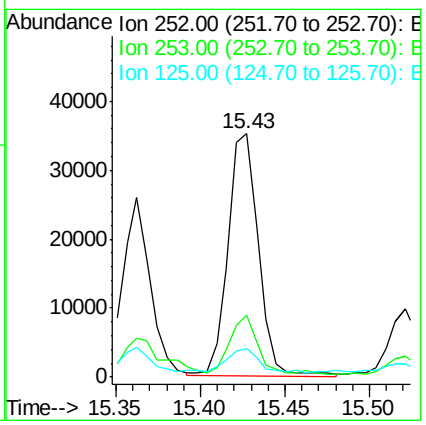


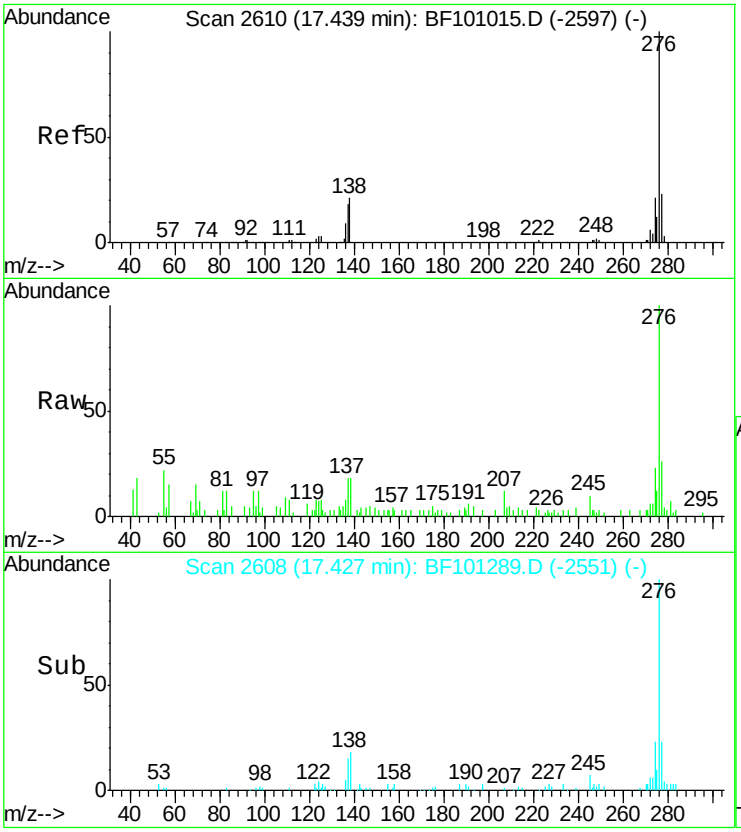


#89
Benzo(a)pyrene
Concen: 7.463 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Tgt Ion:252 Resp: 43633

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	11.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.558 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.04 min
Lab File: BF101289.D
Acq: 11 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 26997

Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	17.7	21.8	32.8#