Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121817\
Data File : BF101477.D
Acq On : 18 Dec 2017 13:42
Operator : SJ/JU
Sample : I6679-07 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-121317-C

Quant Time: Dec 18 15:41:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	159216	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	638669	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	284037	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	497535	20.00	ng		0.00
75) Chrysene-d12	13.99	240	300521	20.00	ng		0.00
86) Perylene-d12	15.46	264	333789	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	227800	21.31	ng		0.00
7) Phenol-d6	6.45	99	281125	21.13	ng		0.00
23) Nitrobenzene-d5	7.37	82	165434	14.42	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	53923	19.70	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	327470	17.88	ng		0.00
78) Terphenyl-d14	12.92	244	243395	19.53	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	23229	2.659	ng	#	82
25) Isophorone	7.37	82	165434	7.188	ng	#	64
32) Benzoic acid	8.09	122	129	7.978	ng	#	1
50) 2,6-Dinitrotoluene	9.85	165	37190	8.009	ng	#	26
70) Phenanthrene	11.36	178	128537	4.646	ng		97
74) Fluoranthene	12.55	202	233755	8.049	ng		97
77) Pyrene	12.78	202	240402	10.659	ng		99
80) Benzo(a)anthracene	13.97	228	111851	5.637	ng		98
82) Chrysene	14.01	228	97102	5.183	ng		98
85) Indeno(1,2,3-cd)pyrene	16.94	276	76088	4.560	ng	#	92
87) Benzo(b)fluoranthene	15.03	252	192067	9.440	ng		97
88) Benzo(k)fluoranthene	15.03	252	192067	9.710	ng		98
89) Benzo(a)pyrene	15.39	252	121456	6.476	ng	#	94
91) Benzo(g,h,i)perylene	17.39	276	80253	5.033	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121817\
Data File : BF101477.D
Acq On : 18 Dec 2017 13:42
Operator : SJ/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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HR-05-121317-C

Quant Time: Dec 18 15:41:12 2017
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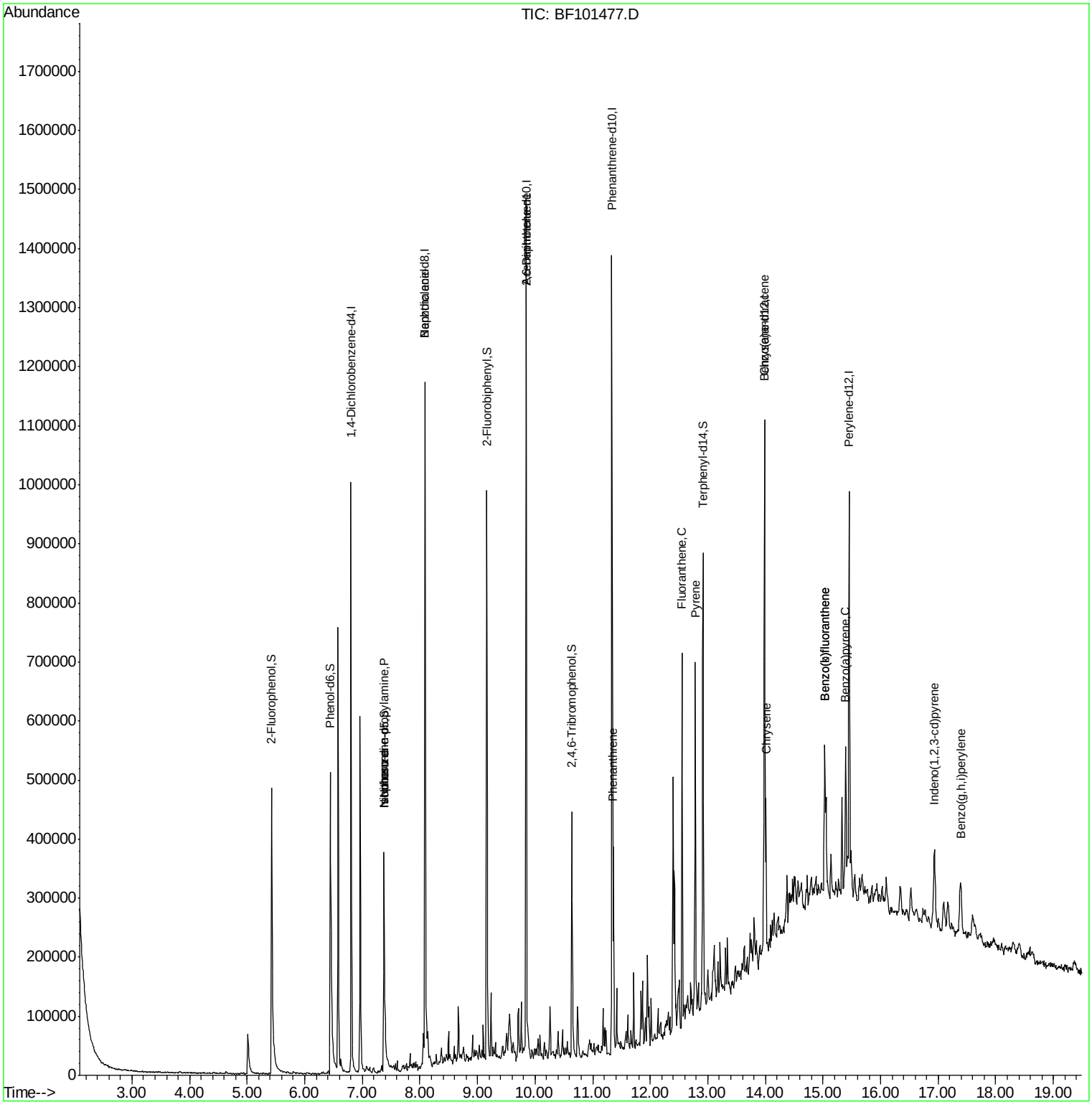
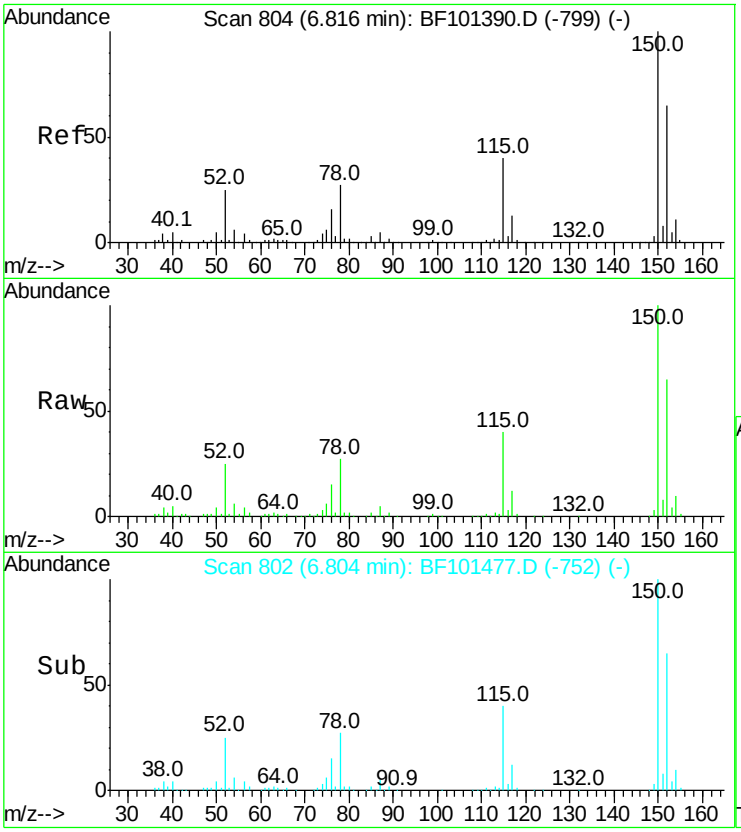
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration



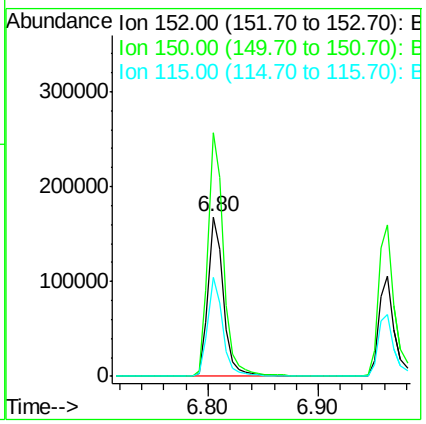


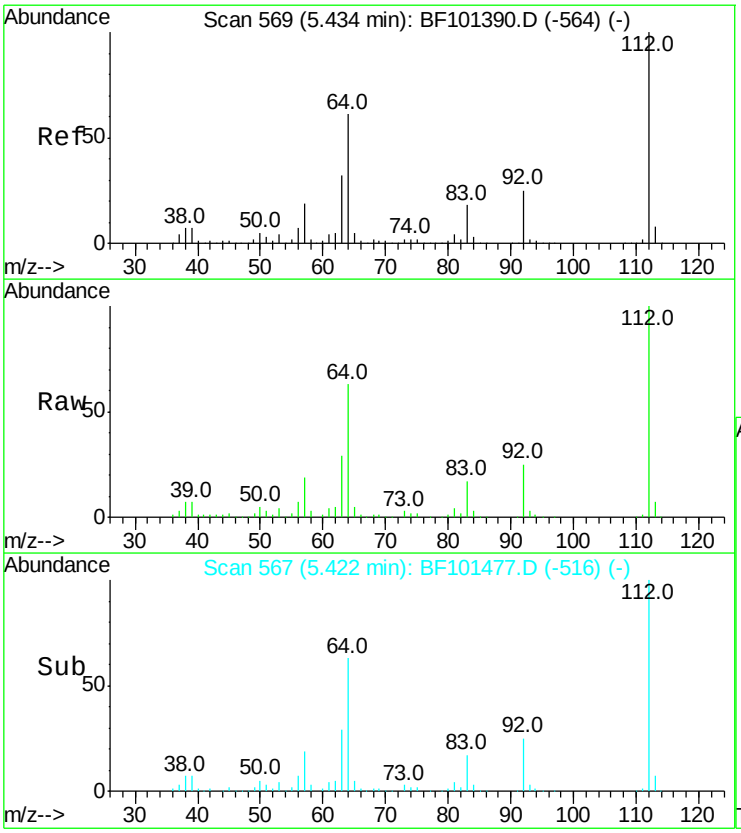
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion:152 Resp: 159216

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	61.8	50.1	75.1

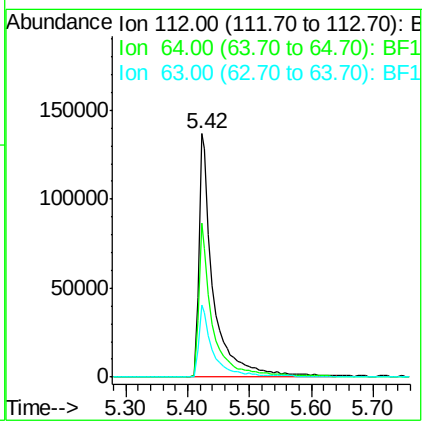


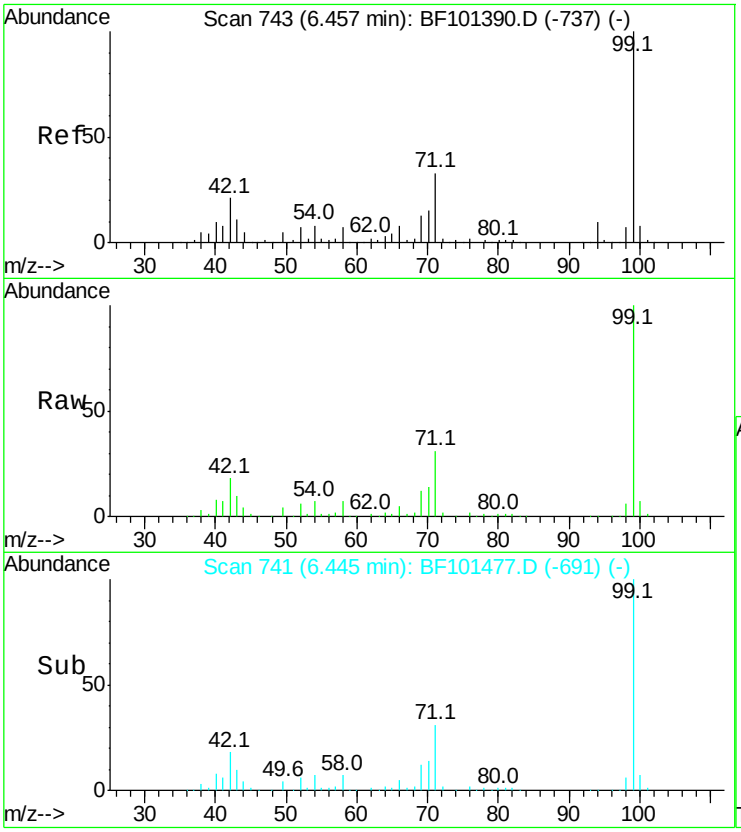


#5
2-Fluorophenol
Concen: 21.312 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion:112 Resp: 227800

Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	29.4	23.7	35.5



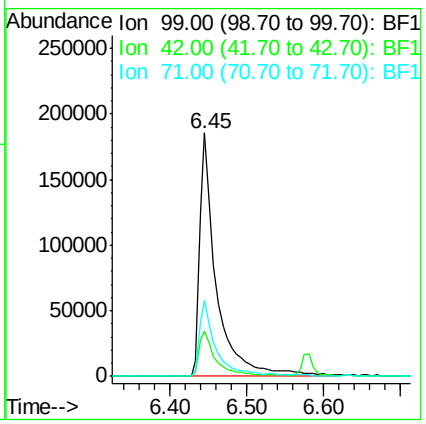


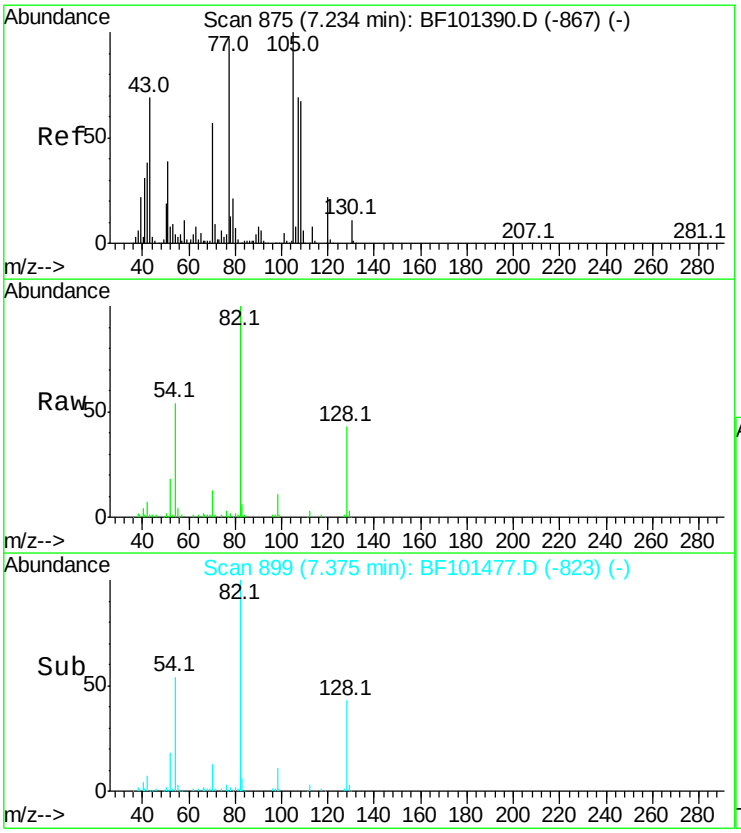
#7
Phenol-d6
Concen: 21.133 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion: 99 Resp: 281125

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	31.2	25.4	38.0

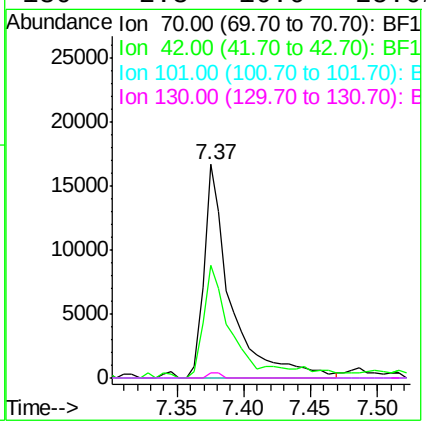


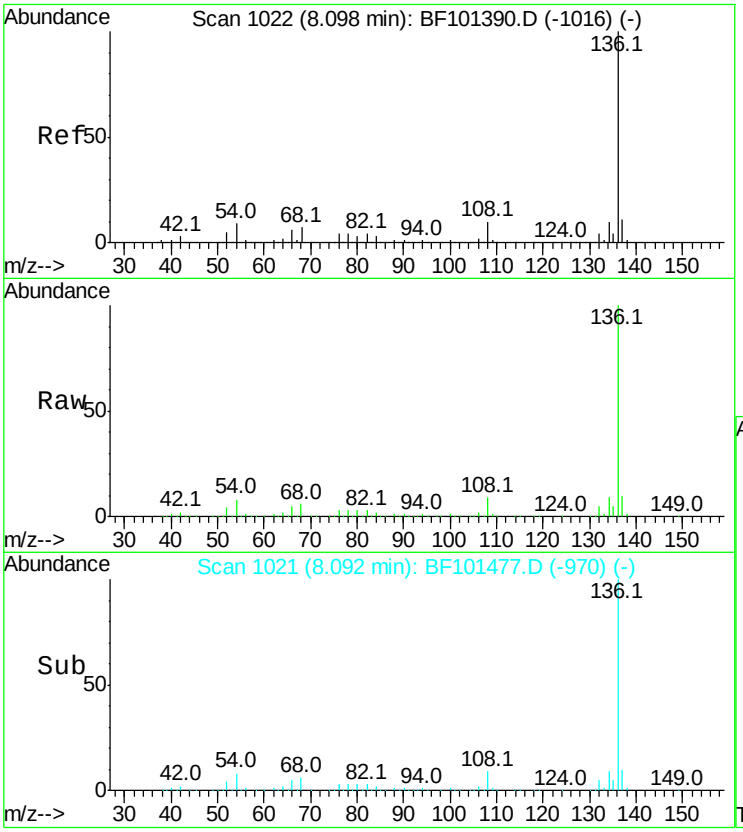


#19
n-Nitroso-di-n-propylamine
Concen: 2.659 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion: 70 Resp: 23229

Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



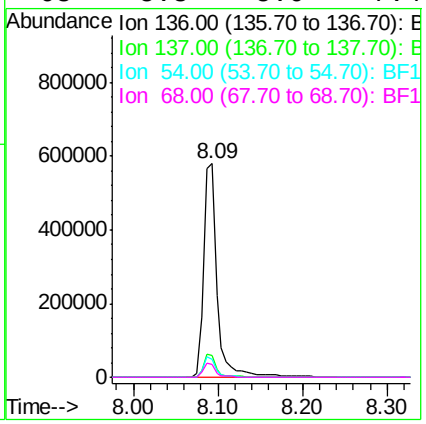


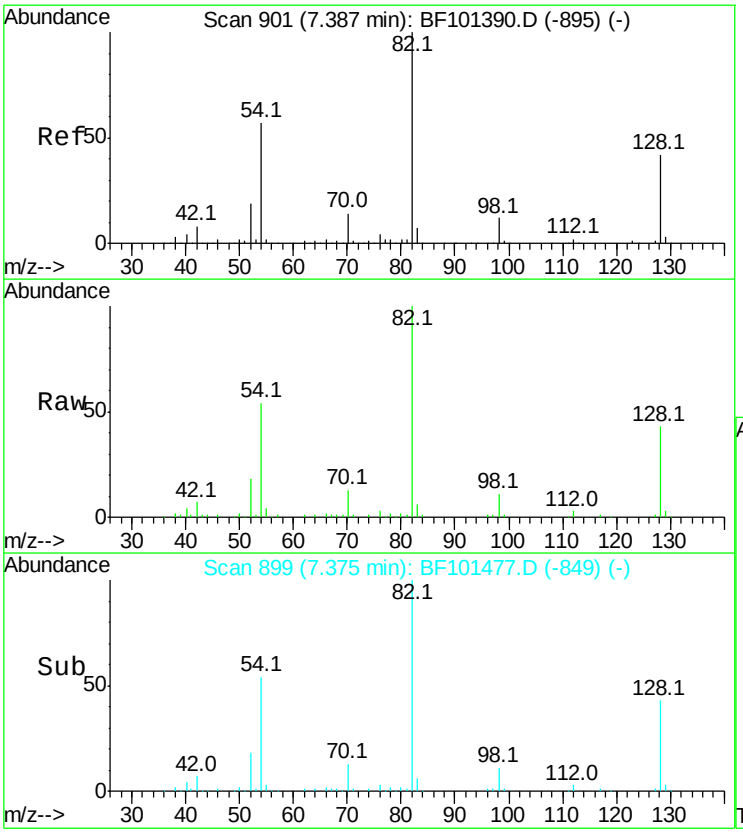
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion:136 Resp: 638669

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.2	6.6	9.8
68	5.8	5.0	7.4

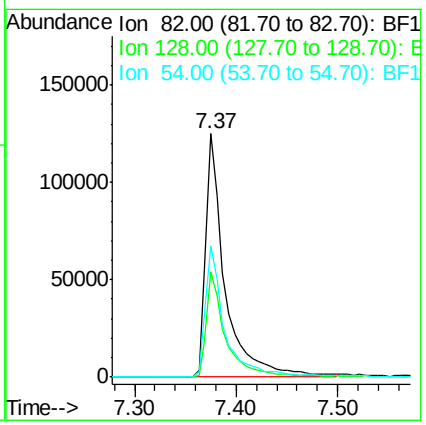


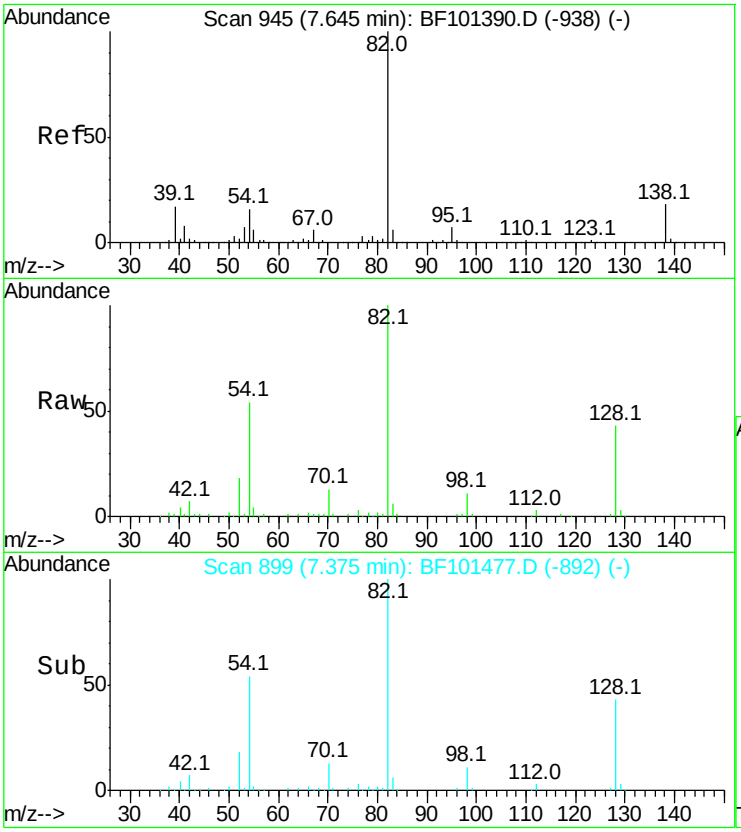


#23
Nitrobenzene-d5
Concen: 14.419 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion: 82 Resp: 165434

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	53.9	41.4	62.2



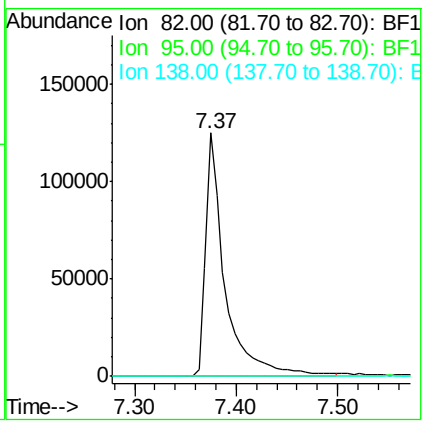


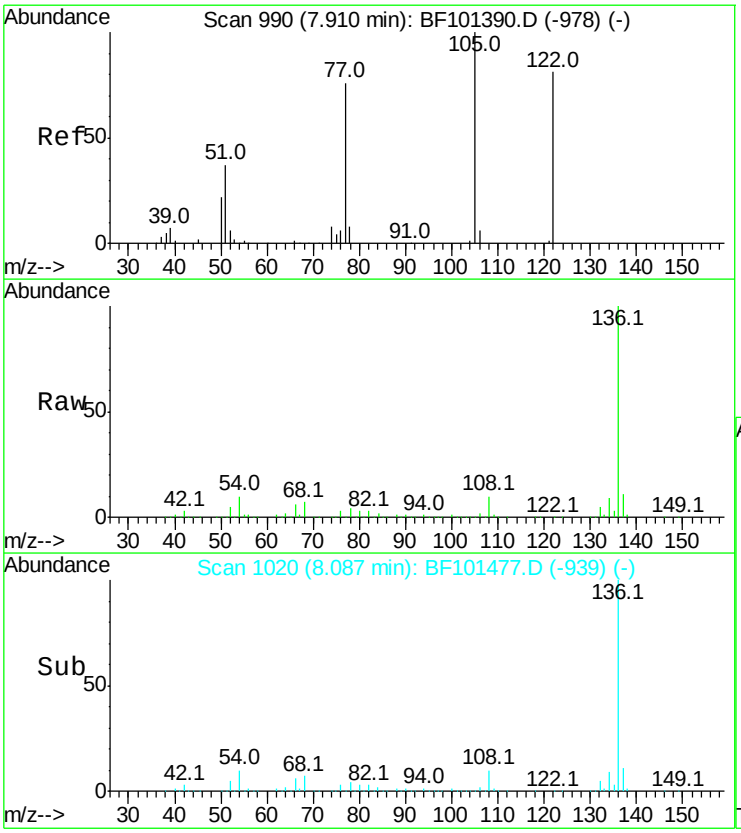
#25
Isophorone
Concen: 7.188 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion: 82 Resp: 165434

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

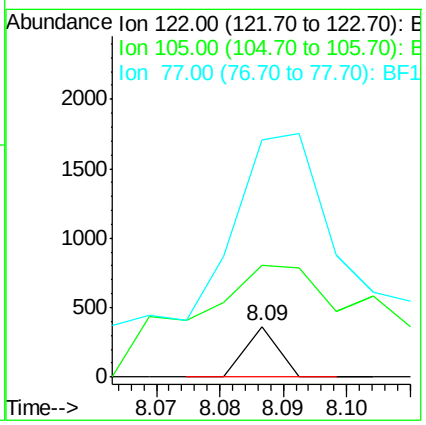


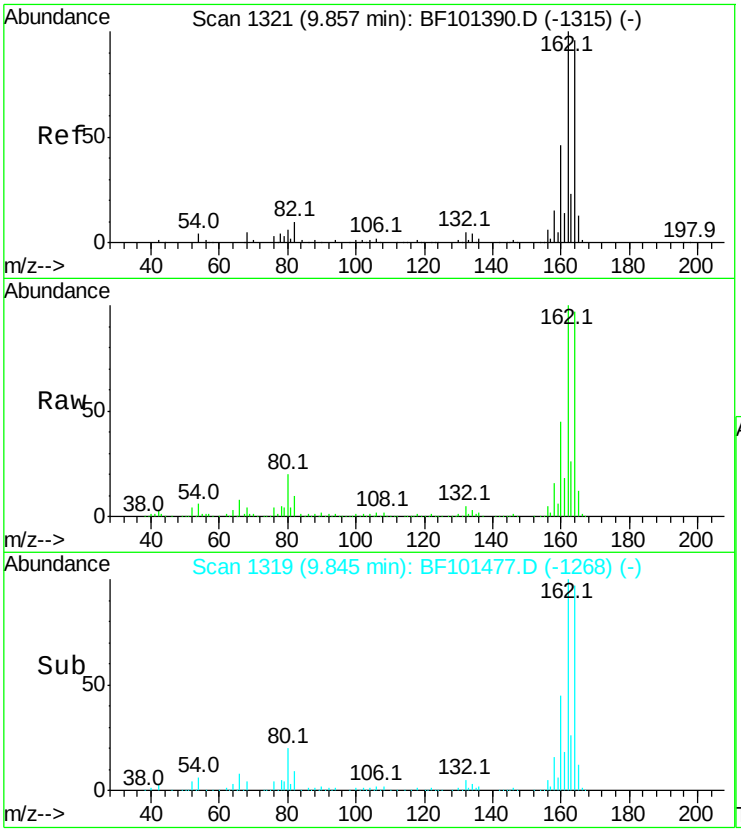


#32
Benzoic acid
Concen: 7.978 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.18 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion:122 Resp: 129

Ion	Ratio	Lower	Upper
122	100		
105	221.1	101.1	141.1#
77	468.8	70.7	110.7#



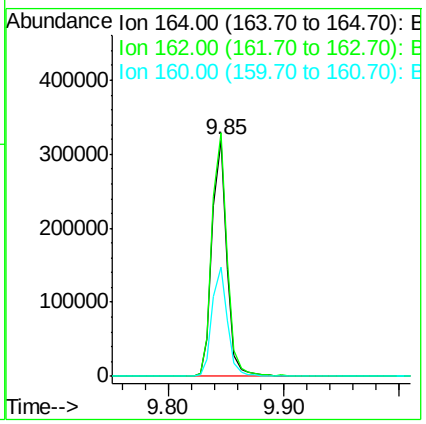


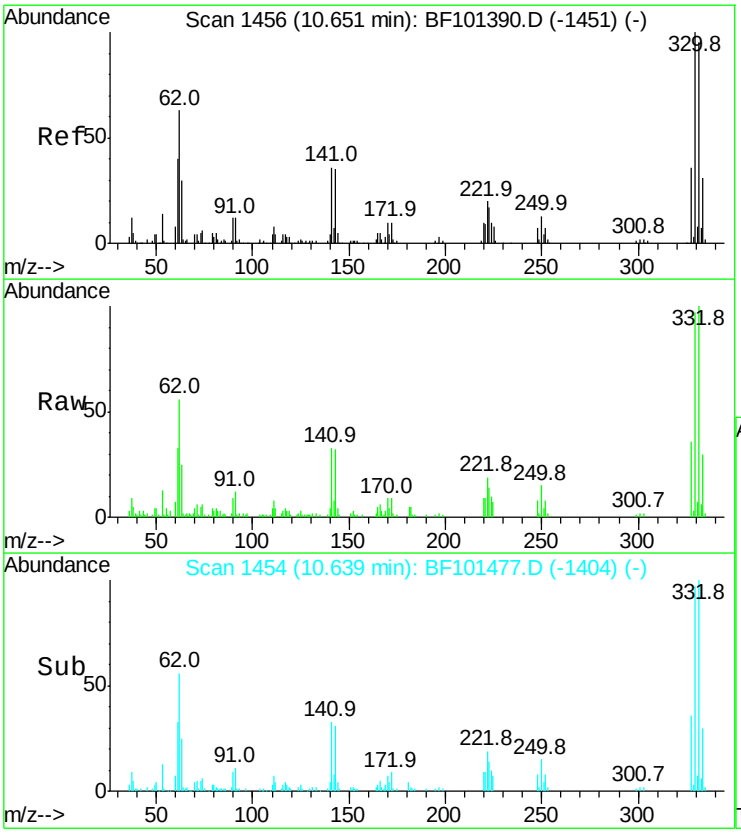
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion:164 Resp: 284037

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.3	38.3	57.5

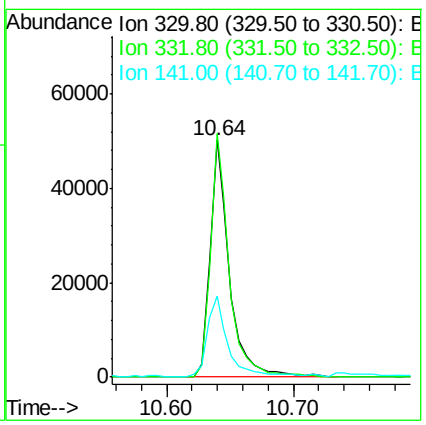


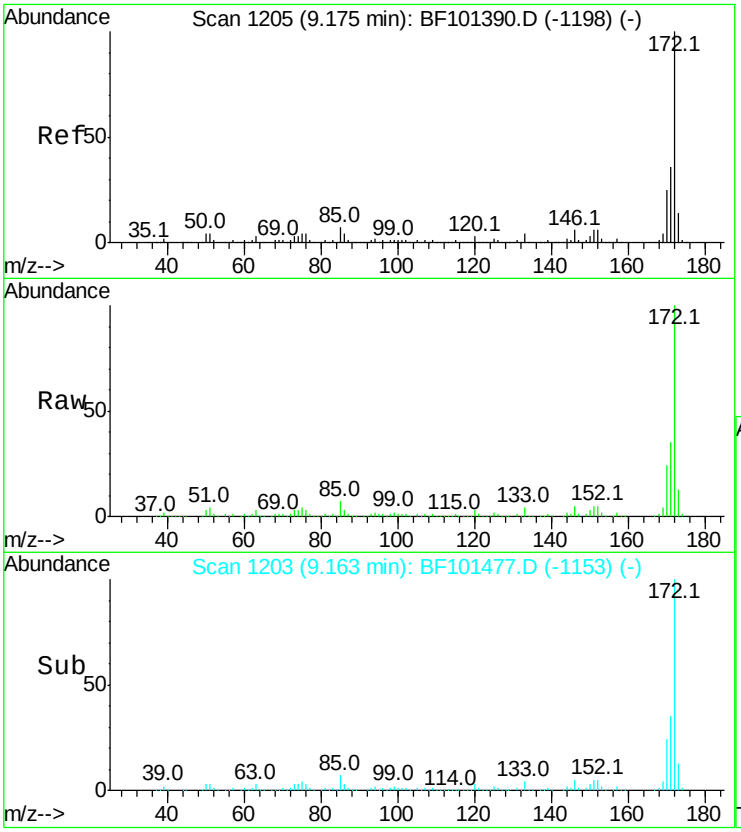


#41
2,4,6-Tribromophenol
Concen: 19.702 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion:330 Resp: 53923

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	37.5	29.9	44.9



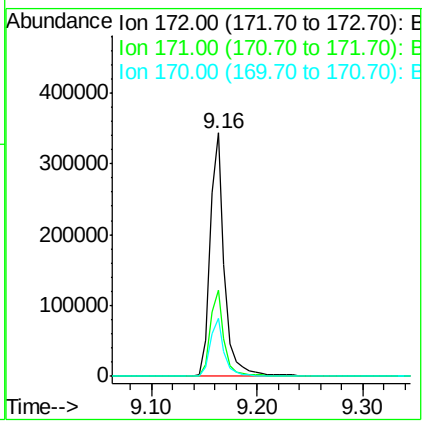


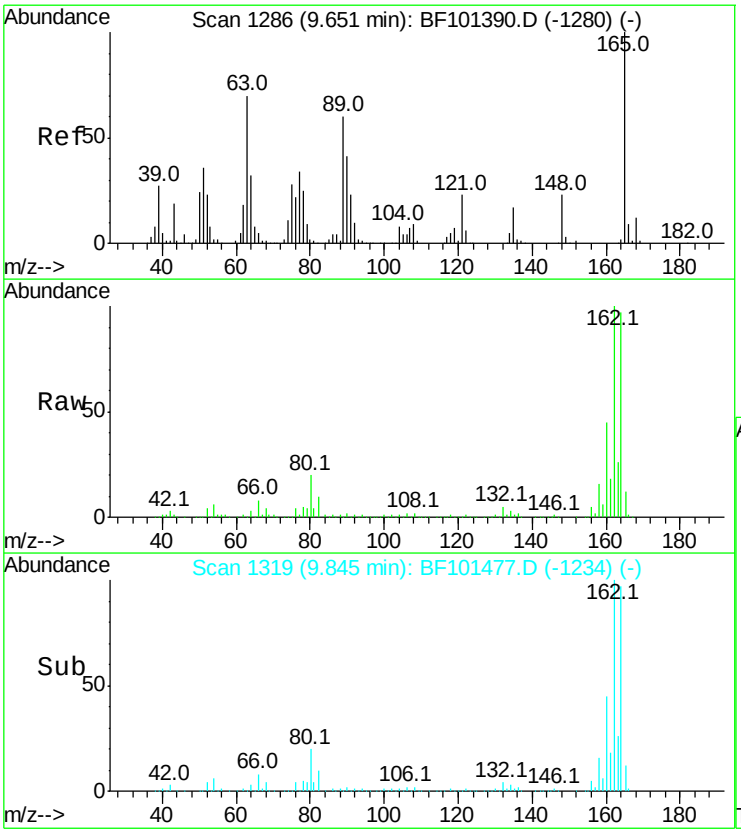
#44
2-Fluorobiphenyl
Concen: 17.884 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion:172 Resp: 327470

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.6	19.6	29.4

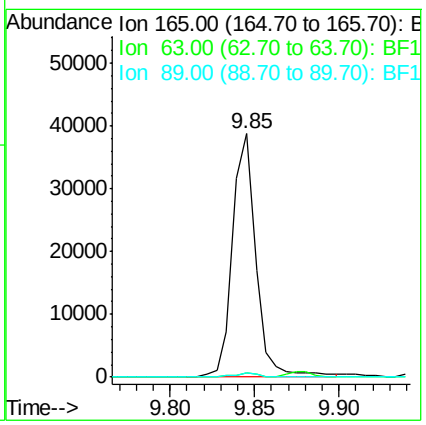


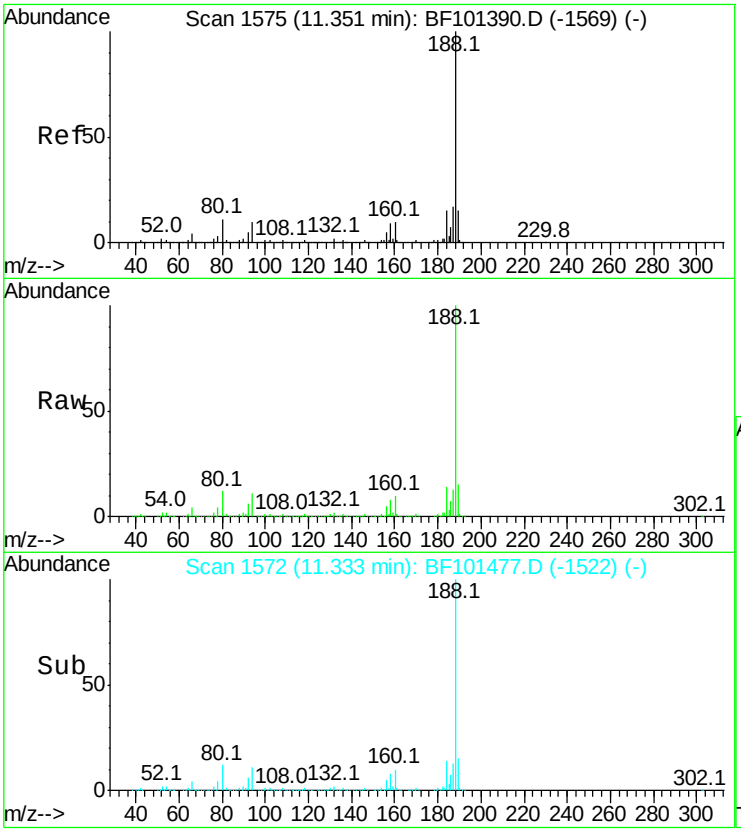


#50
2,6-Dinitrotoluene
Concen: 8.009 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion:165 Resp: 37190

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.6	44.0	66.0#



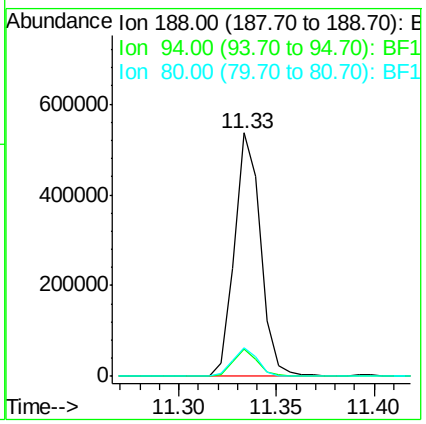


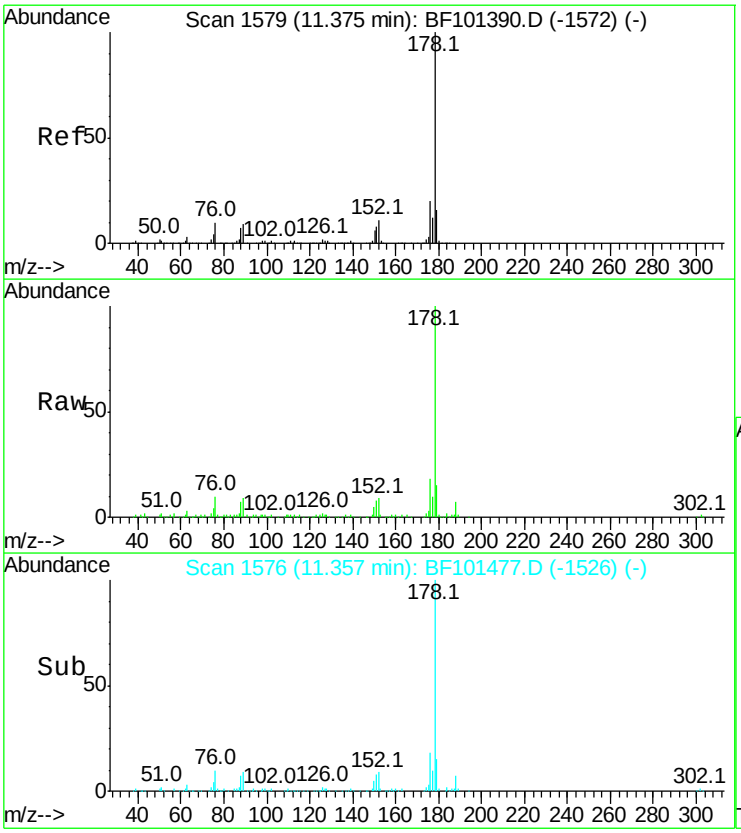
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion:188 Resp: 497535

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.0	9.2	13.8

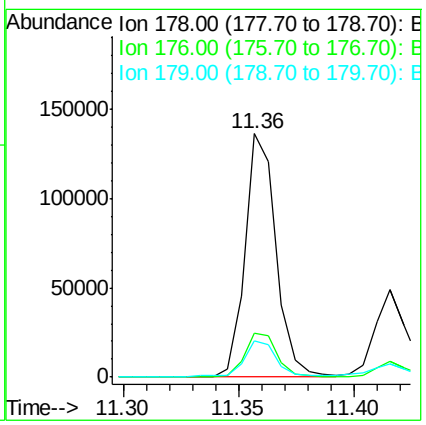


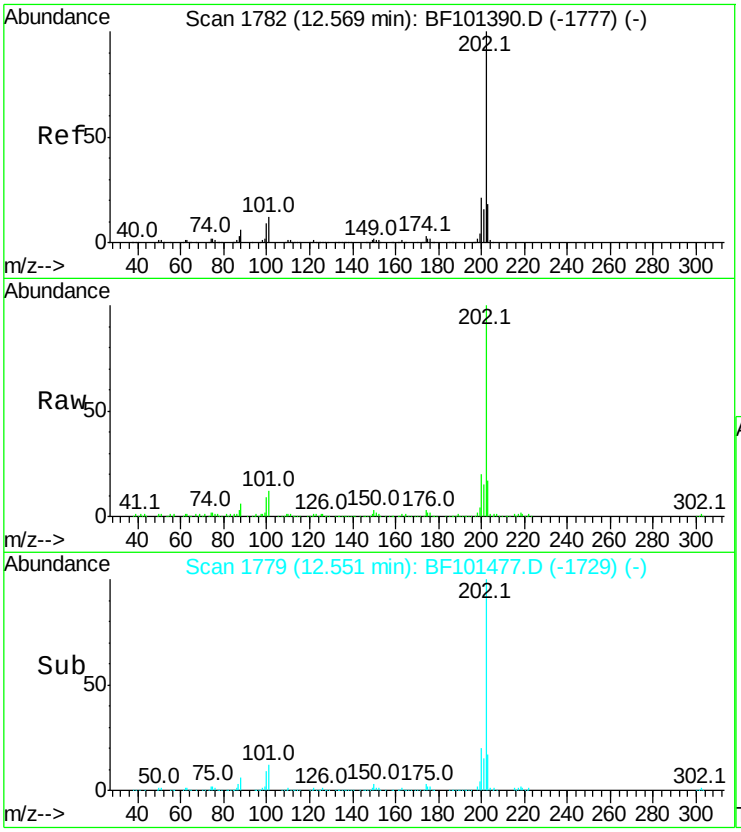


#70
Phenanthrene
Concen: 4.646 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion:178 Resp: 128537

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.1	13.0	19.6



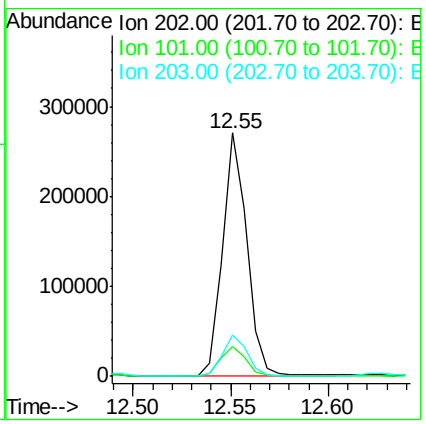


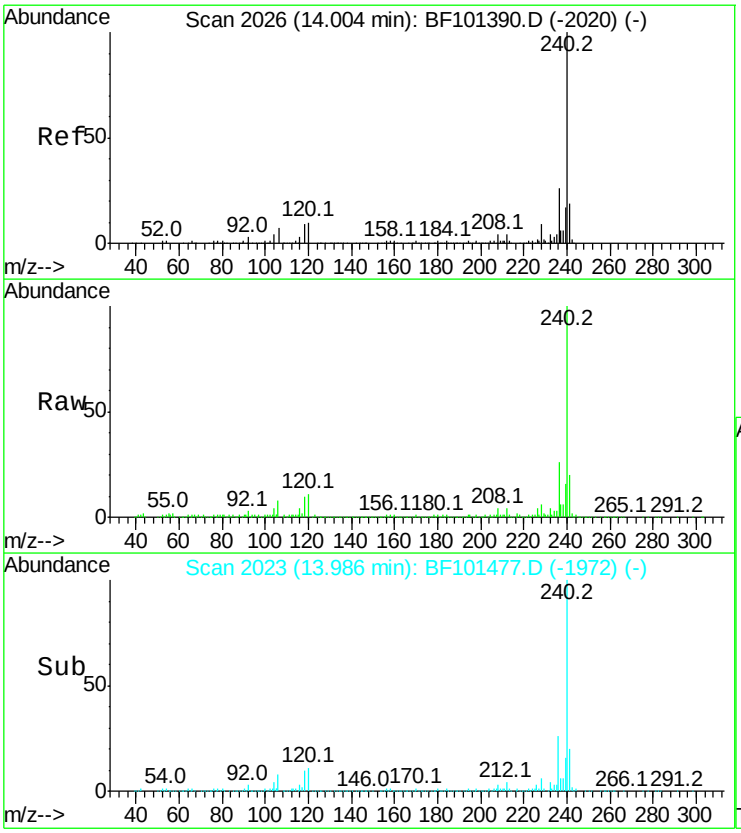
#74
Fluoranthene
Concen: 8.049 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion:202 Resp: 233755

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.1	0.0	38.1

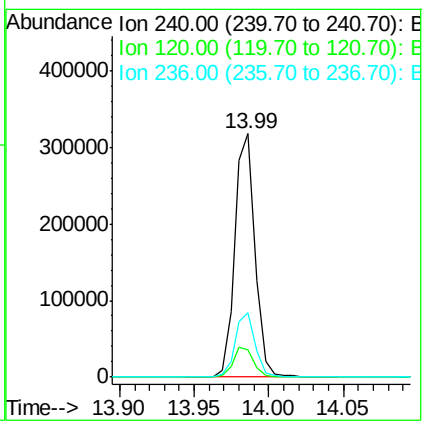


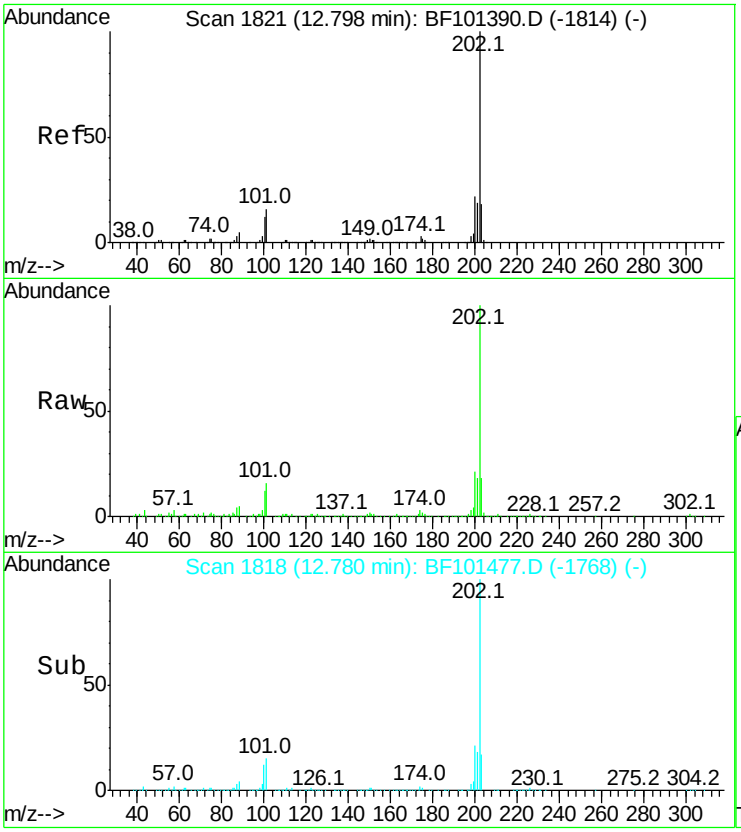


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion:240 Resp: 300521

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.4	20.7	31.1



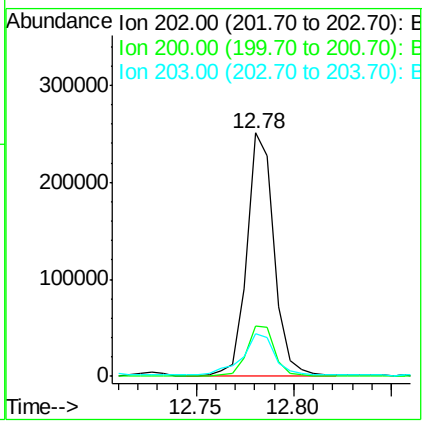


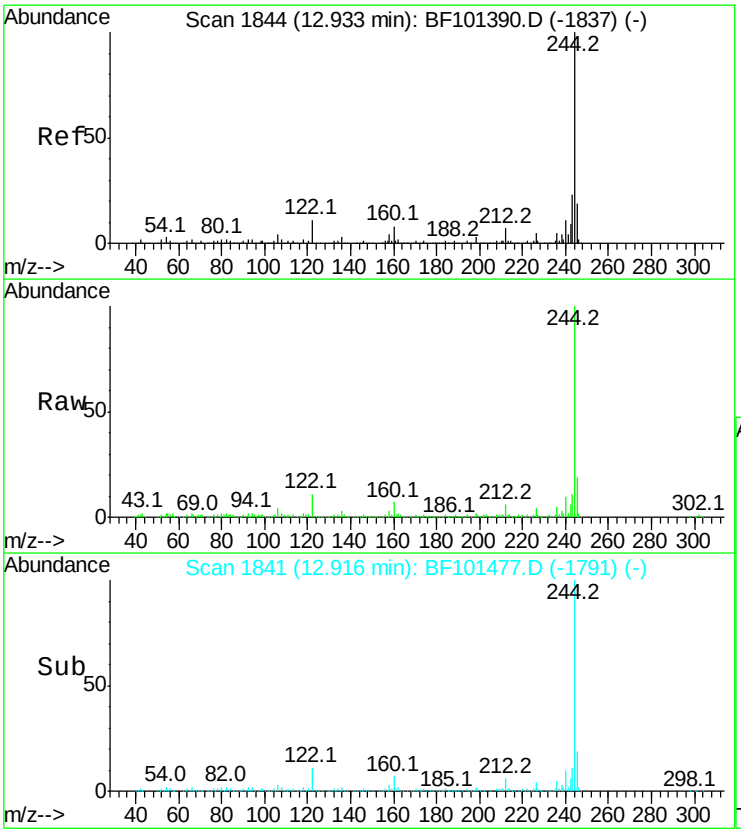
#77
Pyrene
Concen: 10.659 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion:202 Resp: 240402

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.7	14.3	21.5

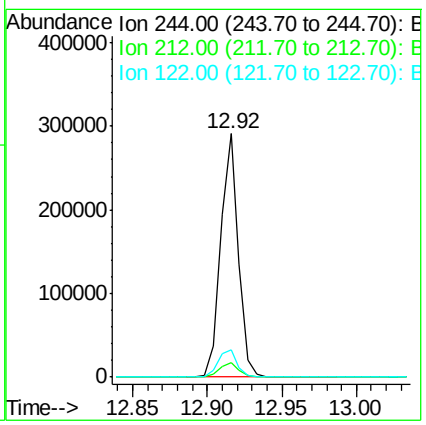


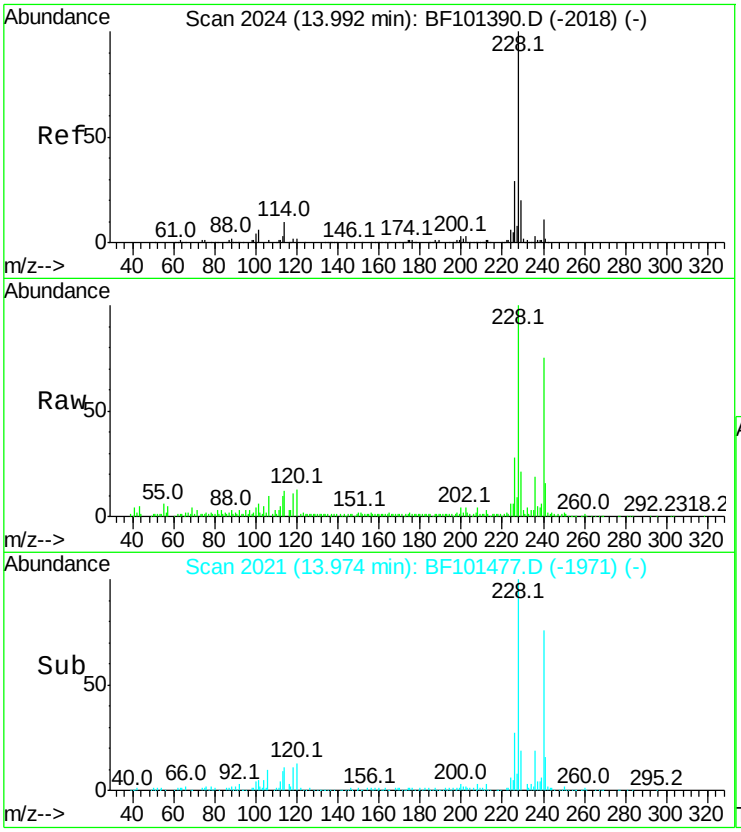


#78
Terphenyl-d14
Concen: 19.525 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion:244 Resp: 243395

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	11.1	11.0	16.4



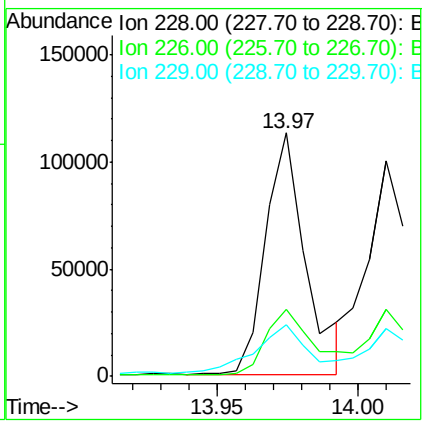


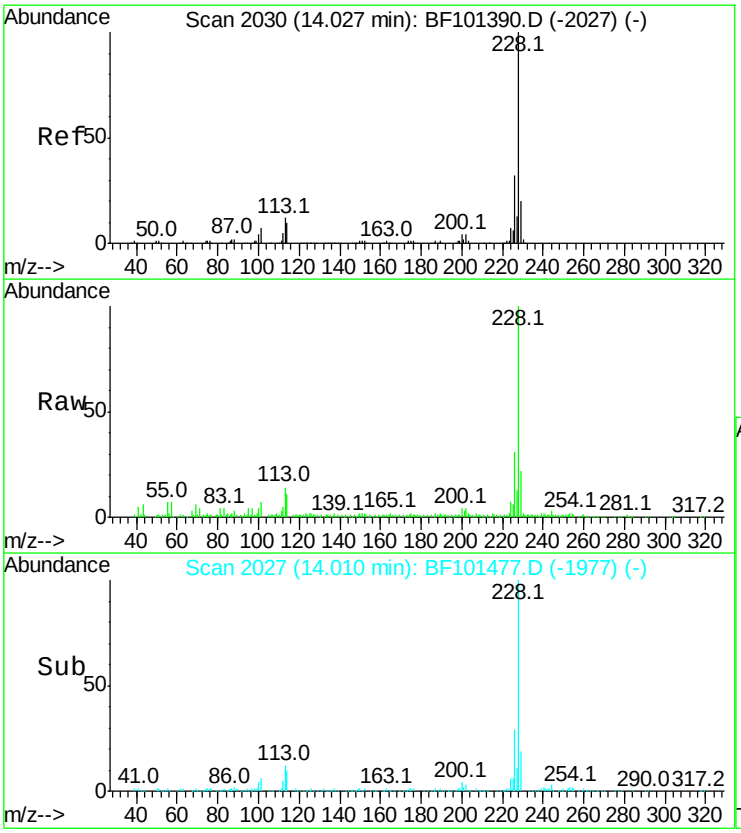
#80
Benzo(a)anthracene
Concen: 5.637 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion:228 Resp: 111851

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	21.0	15.8	23.6

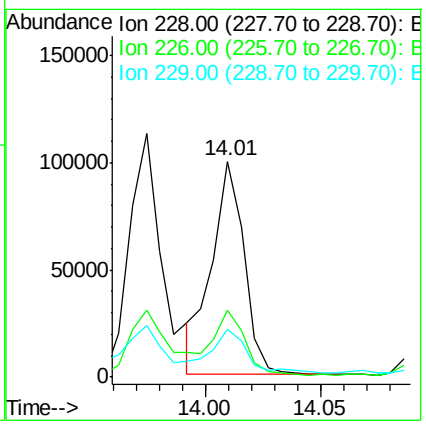


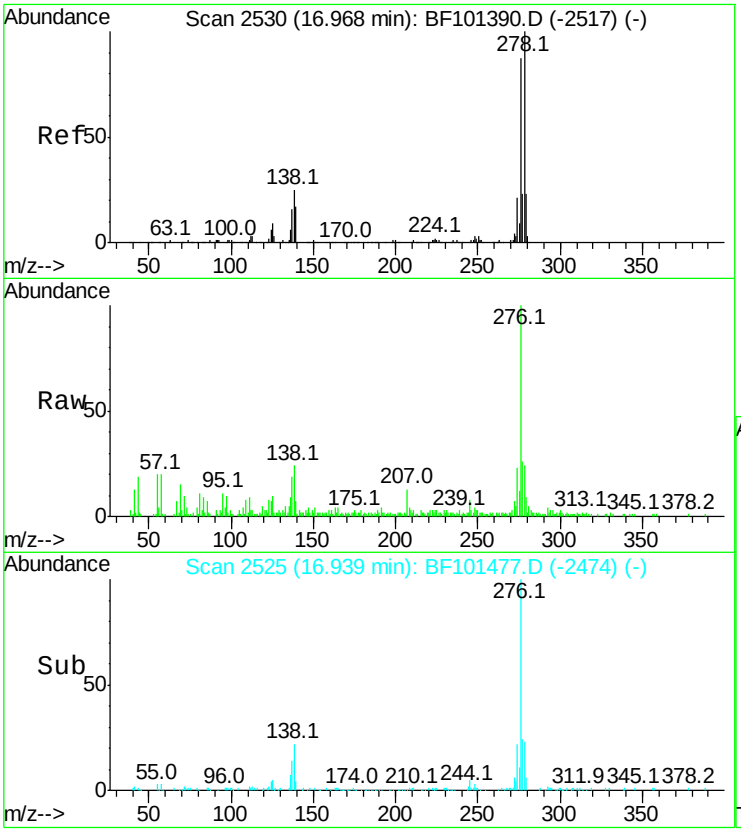


#82
Chrysene
Concen: 5.183 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion:228 Resp: 97102

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.8	16.2	24.4



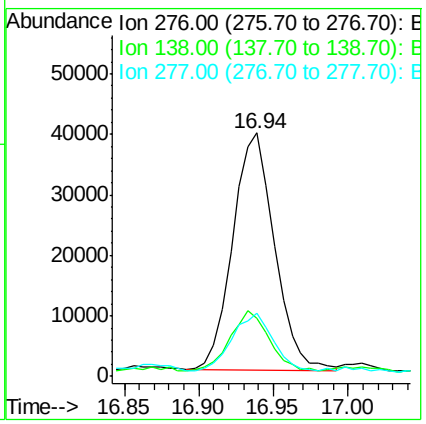


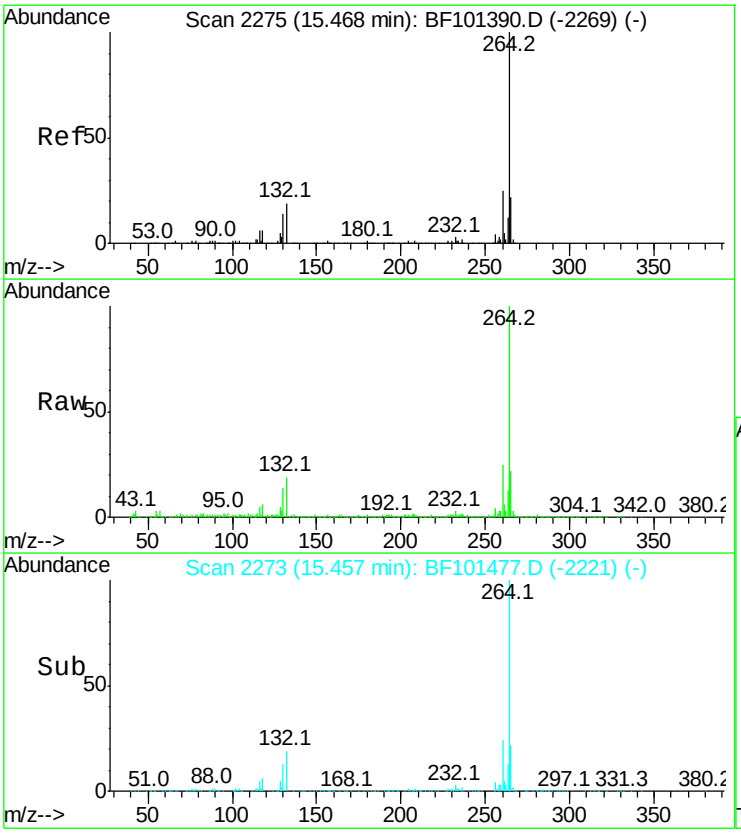
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.560 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion:276 Resp: 76088

Ion	Ratio	Lower	Upper
276	100		
138	24.1	25.0	37.6#
277	23.8	20.1	30.1

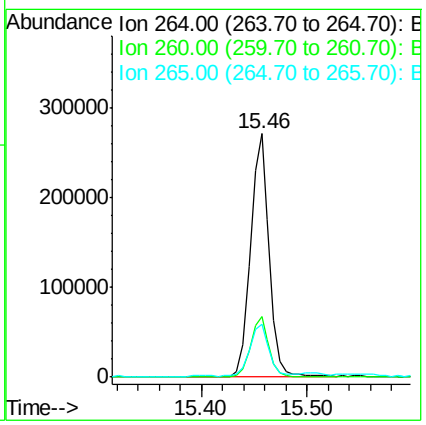


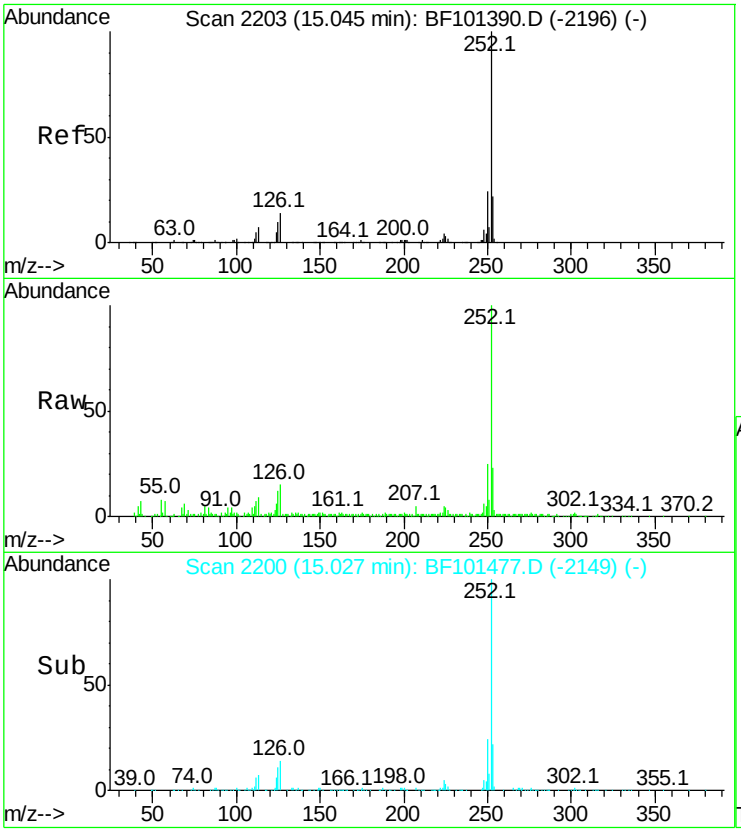


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion:264 Resp: 333789

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.8	17.5	26.3



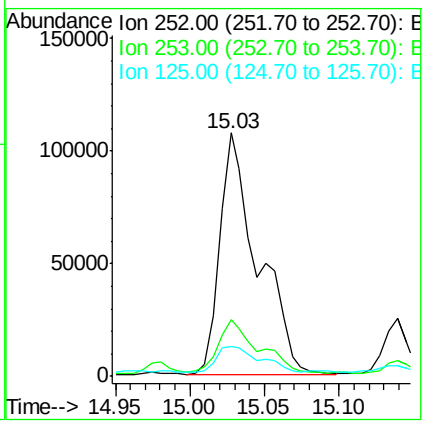


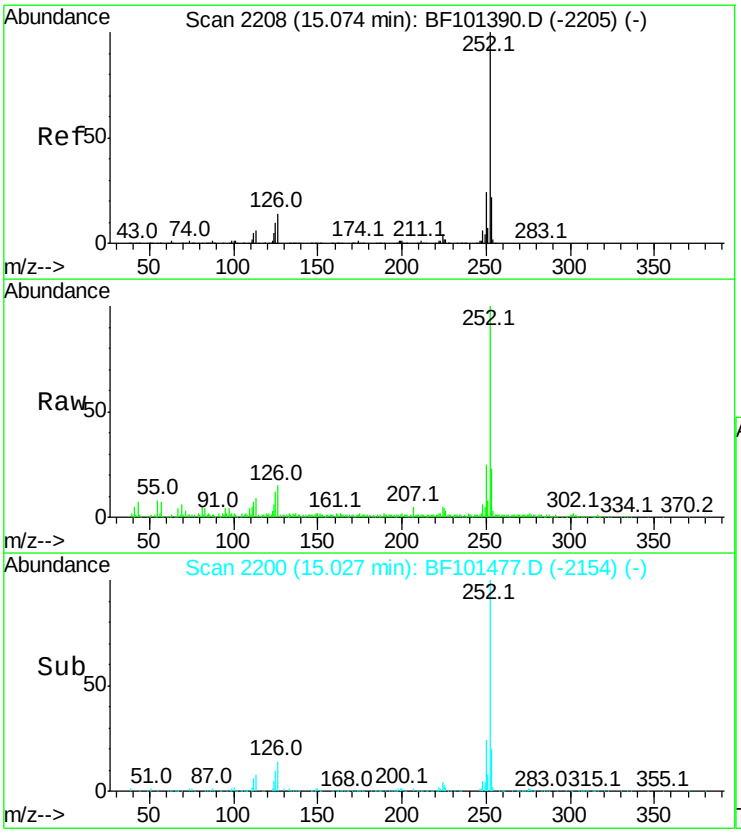
#87
Benzo(b)fluoranthene
Concen: 9.440 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion:252 Resp: 192067

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	12.2	9.0	13.6

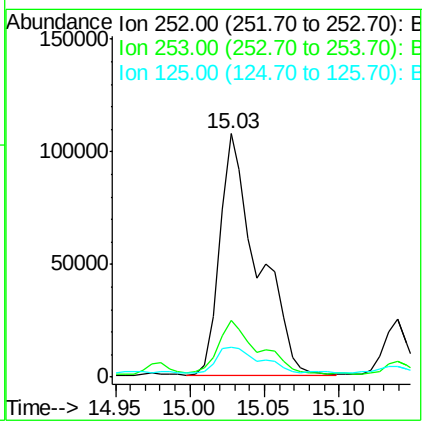


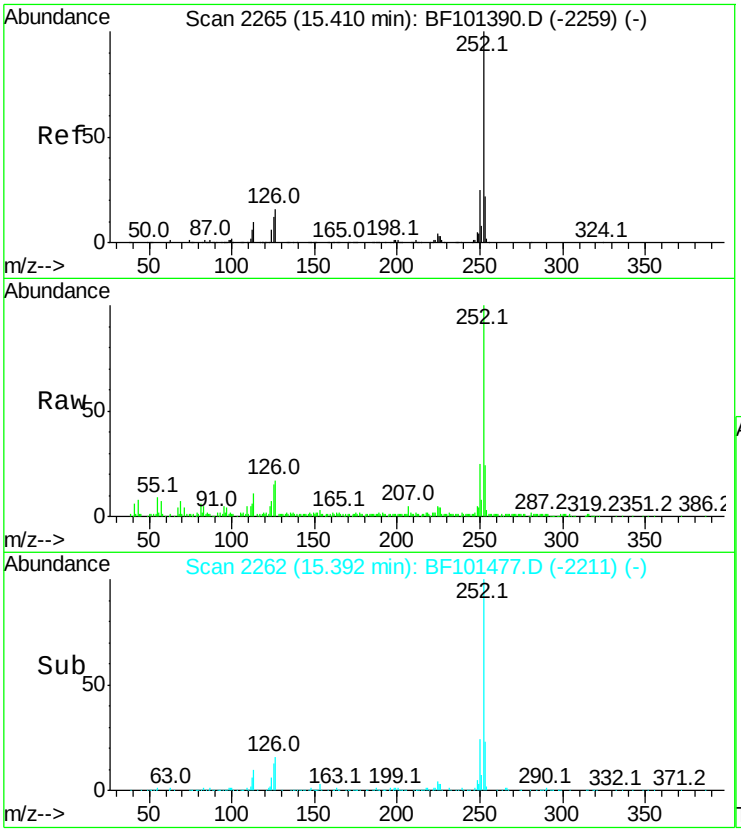


#88
Benzo(k)fluoranthene
Concen: 9.710 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion:252 Resp: 192067

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	12.2	10.2	15.2



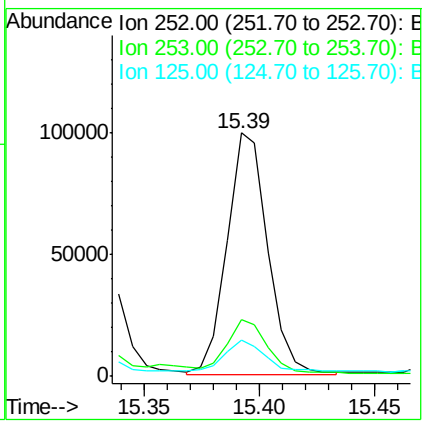


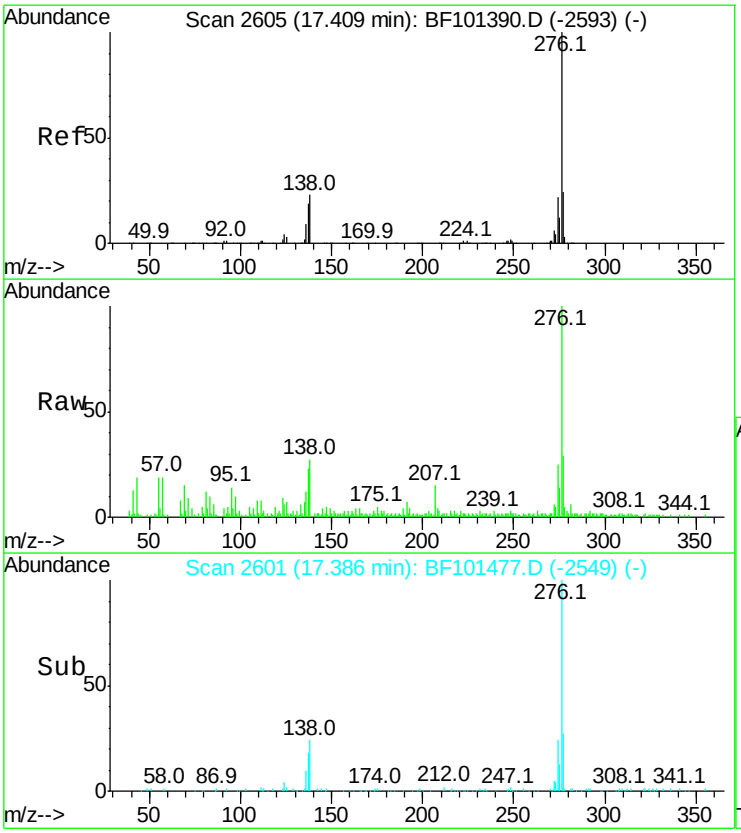
#89
Benzo(a)pyrene
Concen: 6.476 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-C

Tgt Ion:252 Resp: 121456

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	15.1	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.033 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.01 min
Lab File: BF101477.D
Acq: 18 Dec 2017 13:42

Tgt Ion:276 Resp: 80253

Ion	Ratio	Lower	Upper
276	100		
277	29.1	17.9	26.9#
138	26.7	21.8	32.8