Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102497.D
Acq On : 27 Jan 2018 5:53
Operator : SJ/JU
Sample : J1020-11DL 4X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 27 06:21:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 16:18:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	158944	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	661181	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	274239	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	415943	20.00	ng		0.00
75) Chrysene-d12	13.89	240	295406	20.00	ng		0.00
86) Perylene-d12	15.32	264	234088	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	274776	26.21	ng		0.00
7) Phenol-d6	6.36	99	345286	27.32	ng		0.00
23) Nitrobenzene-d5	7.28	82	159152	13.83	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	43295	15.93	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	350570	18.80	ng		0.00
78) Terphenyl-d14	12.83	244	260089	19.85	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	21318	2.756	ng	#	78
25) Isophorone	7.28	82	159149	7.759	ng	#	64
31) Naphthalene	8.02	128	83995	2.544	ng		98
49) Dimethylphthalate	9.47	163	54454	2.402	ng		100
50) 2,6-Dinitrotoluene	9.76	165	36750	7.520	ng	#	26
51) Acenaphthene	9.79	154	103505	5.968	ng		98
54) Dibenzofuran	9.96	168	128411	5.471	ng		99
55) 4-Nitrophenol	9.96	139	48321	12.662	ng	#	10
57) Fluorene	10.30	166	204230	10.981	ng		100
70) Phenanthrene	11.27	178	1218091	50.256	ng		98
71) Anthracene	11.32	178	463694	18.743	ng		98
72) Carbazole	11.48	167	103258	4.278	ng		99
74) Fluoranthene	12.46	202	1353215	54.749	ng		99
77) Pyrene	12.69	202	1179809	51.656	ng		99
80) Benzo(a)anthracene	13.87	228	499026	27.438	ng		98
82) Chrysene	13.92	228	434858	23.545	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	158540	10.394	ng		96
87) Benzo(b)fluoranthene	14.91	252	581057	38.297	ng		96
88) Benzo(k)fluoranthene	14.91	252	581057	40.535	ng		99
89) Benzo(a)pyrene	15.26	252	313823	22.934	ng		96
90) Dibenzo(a,h)anthracene	16.73	278	37522	3.385	ng	#	71
91) Benzo(g,h,i)perylene	17.15	276	160806	14.692	ng		97

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

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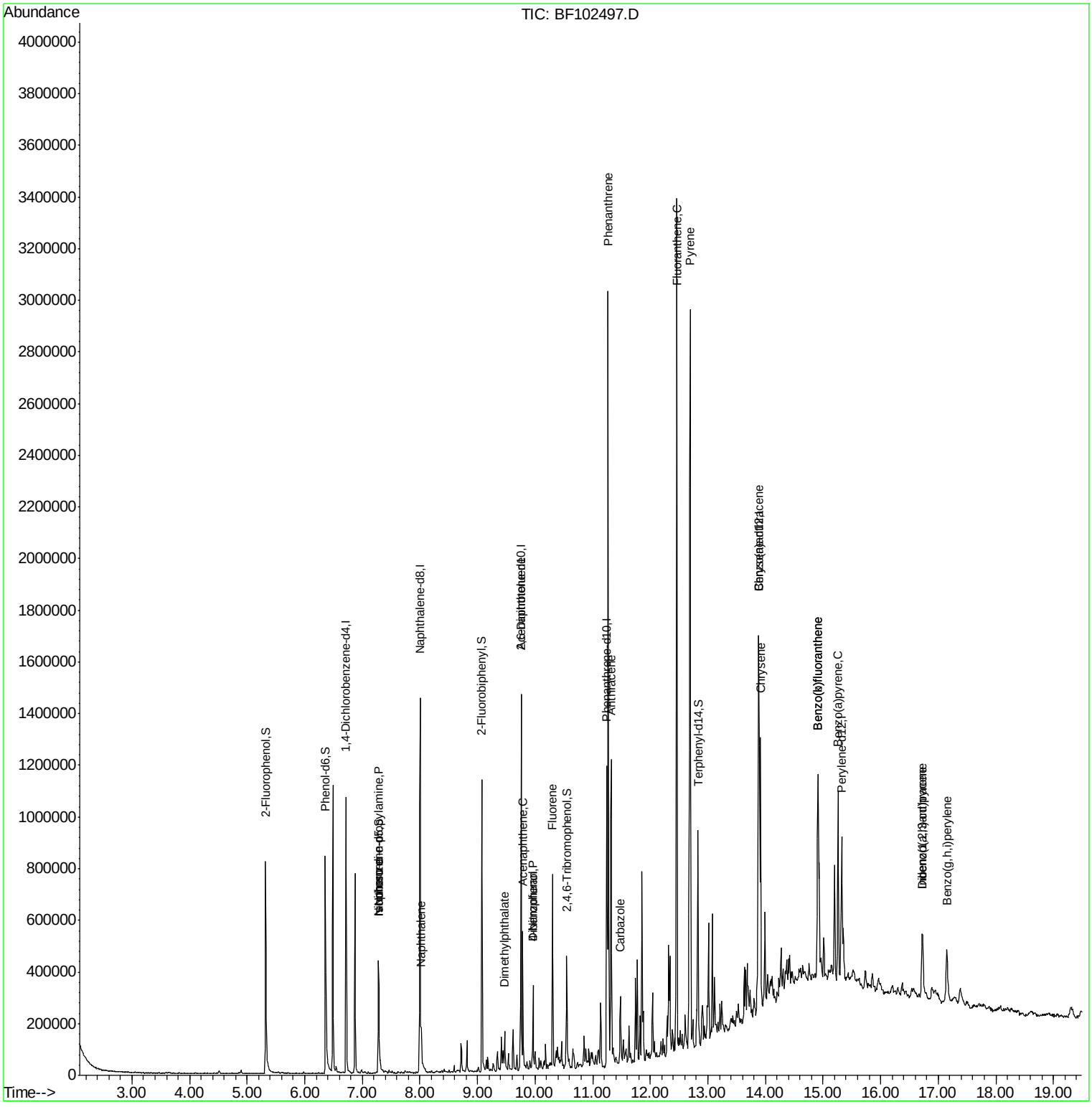
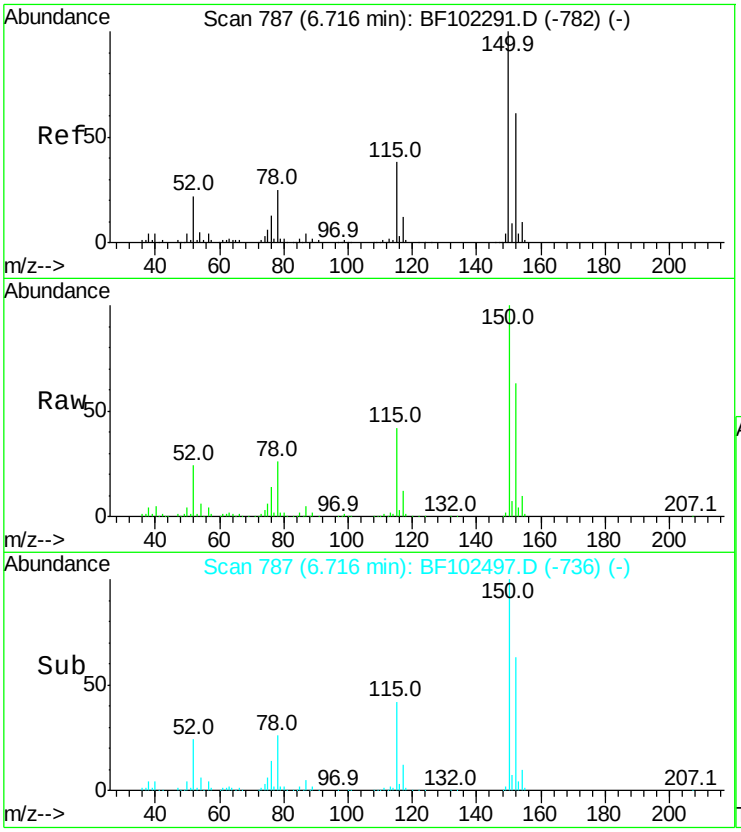


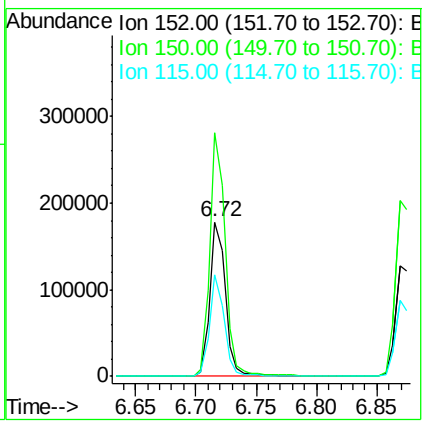


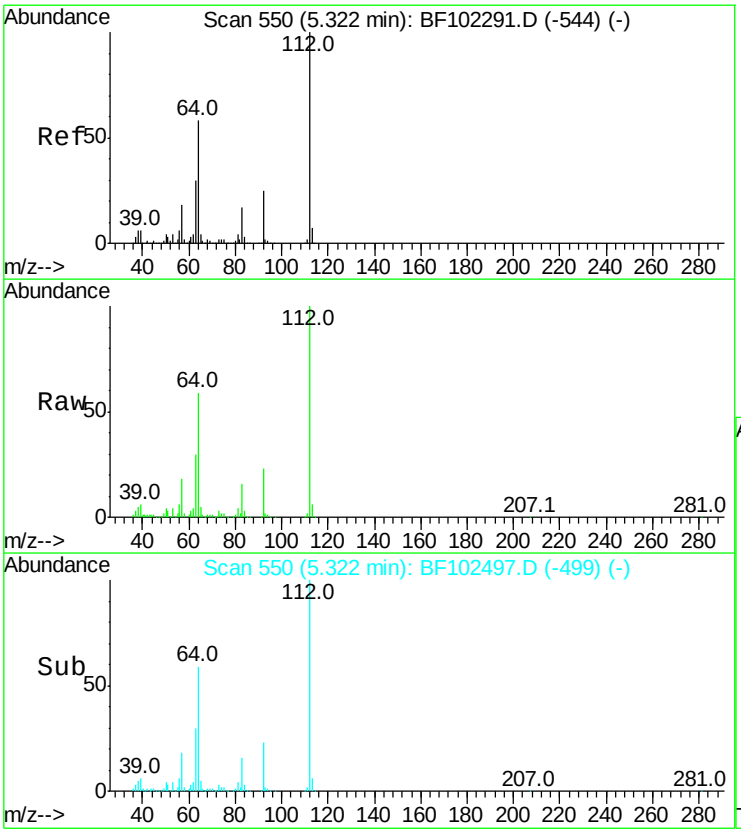
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 158944

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	65.9	50.1	75.1

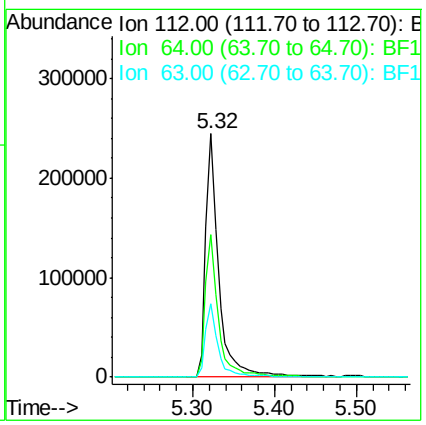


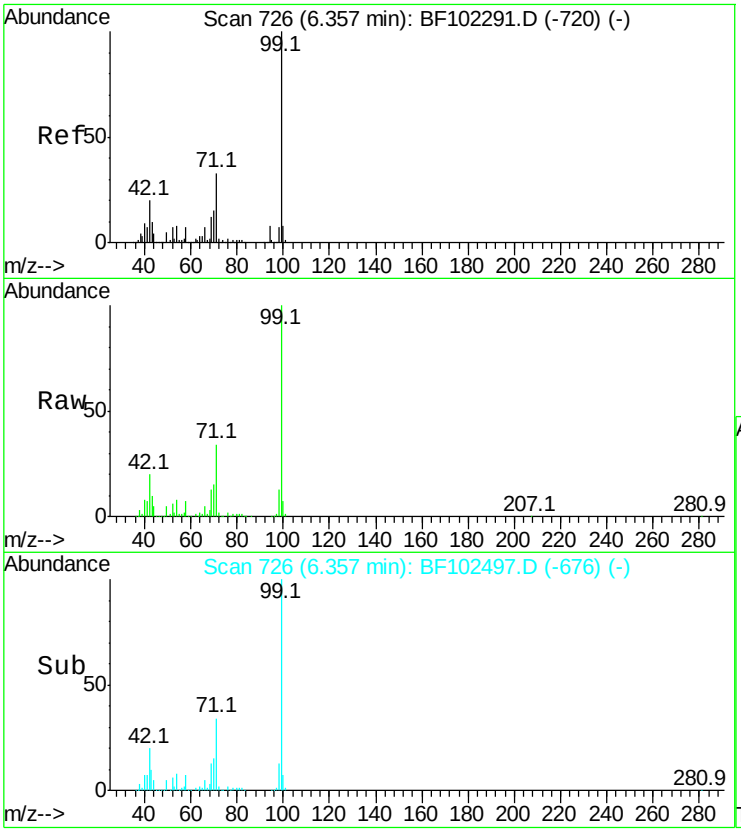


#5
2-Fluorophenol
Concen: 26.212 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:112 Resp: 274776

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	30.0	23.7	35.5



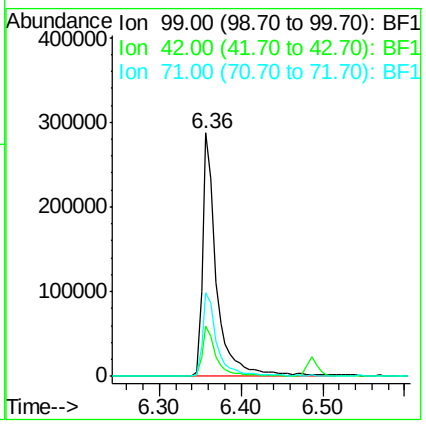


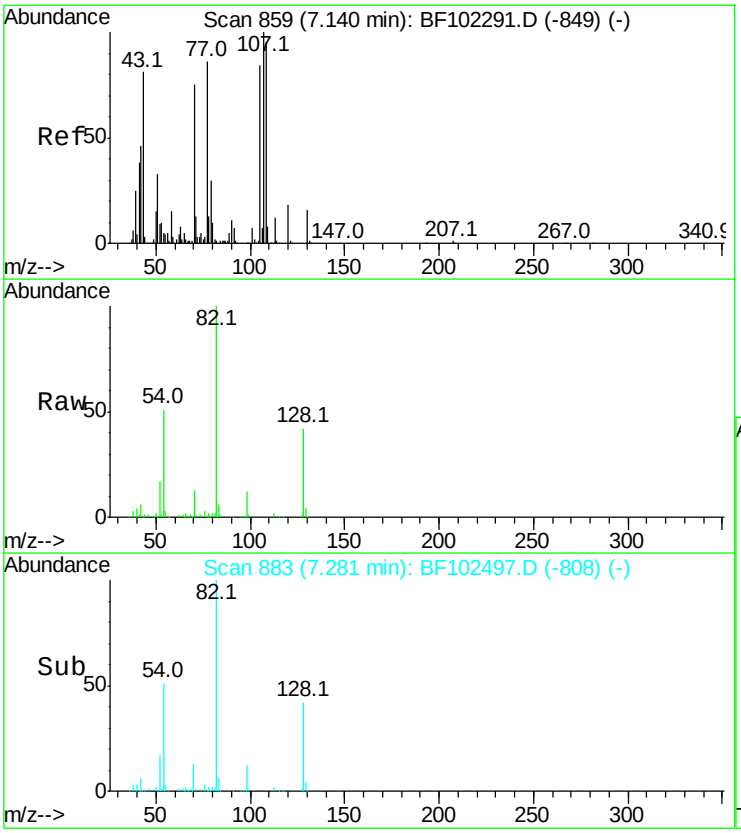
#7
Phenol-d6
Concen: 27.322 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 345286

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	34.2	25.4	38.0

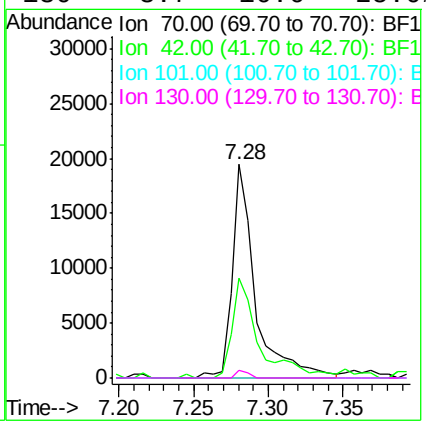


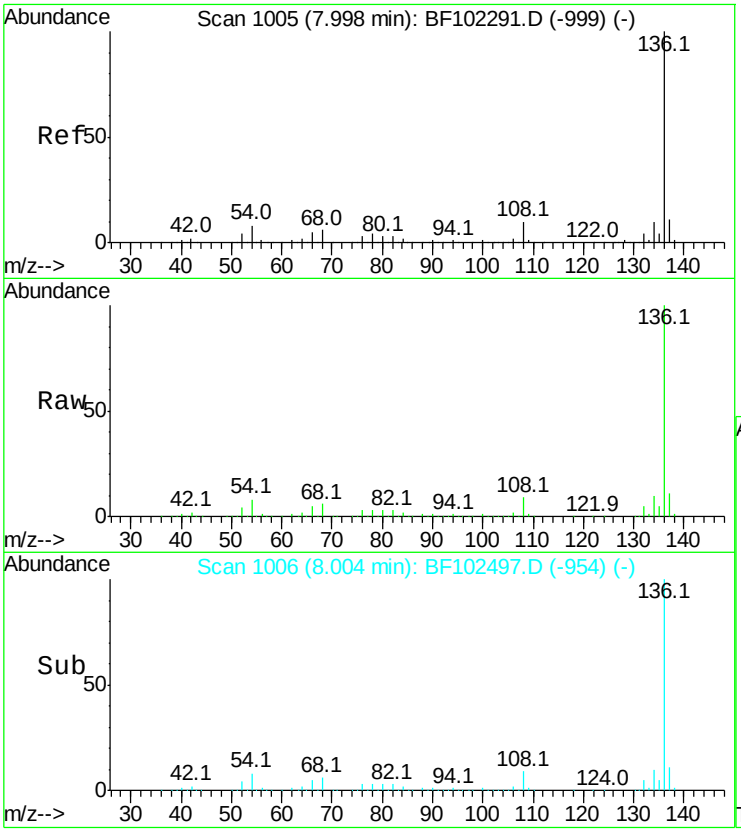


#19
n-Nitroso-di-n-propylamine
Concen: 2.756 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion: 70 Resp: 21318

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.5	71.3#
101	0.0	7.4	11.2#
130	3.7	16.6	25.0#



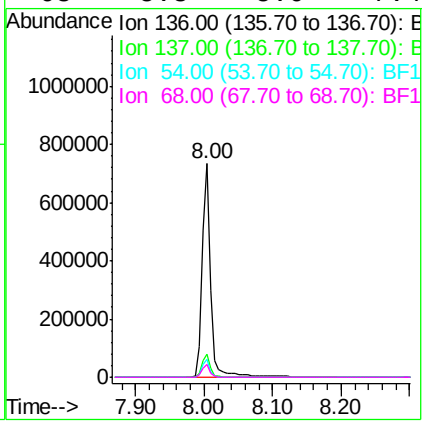


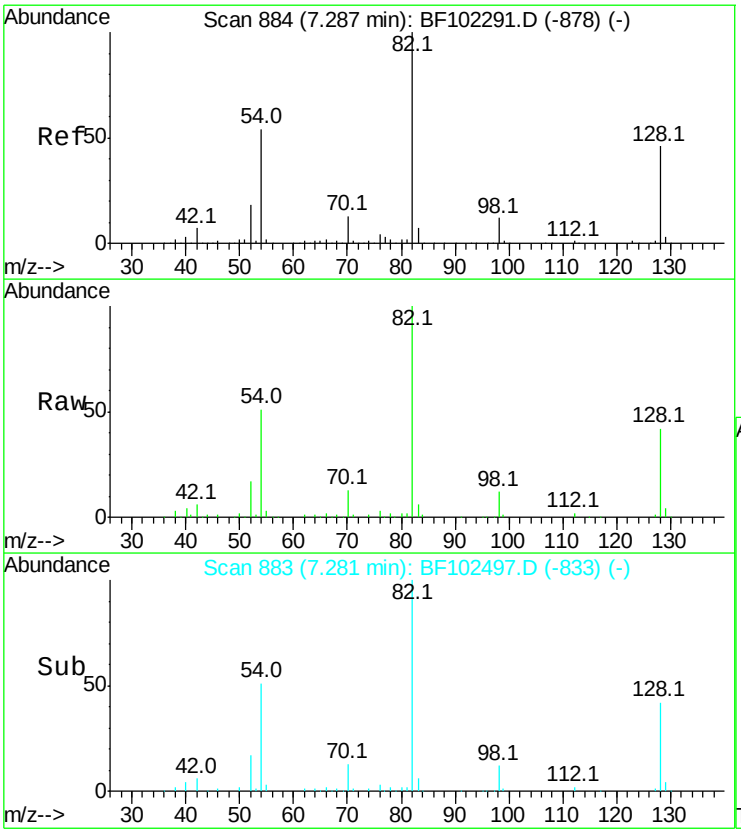
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 661181

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.1	6.6	9.8
68	5.8	5.0	7.4

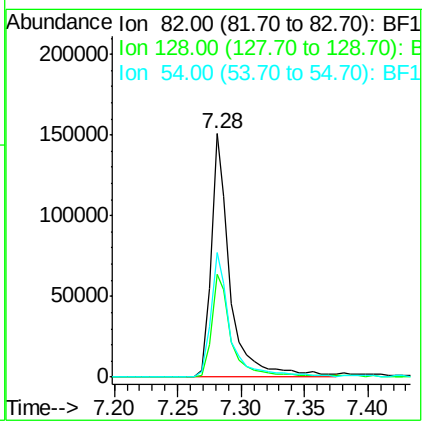


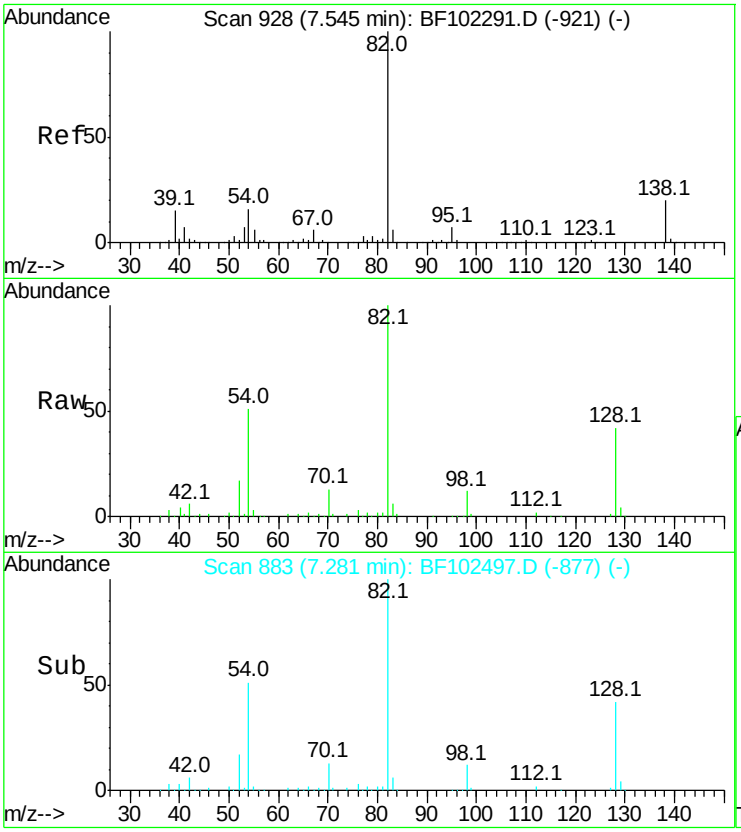


#23
Nitrobenzene-d5
Concen: 13.833 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion: 82 Resp: 159152

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	51.4	41.4	62.2



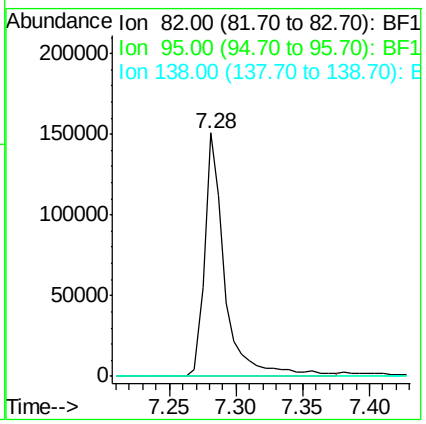


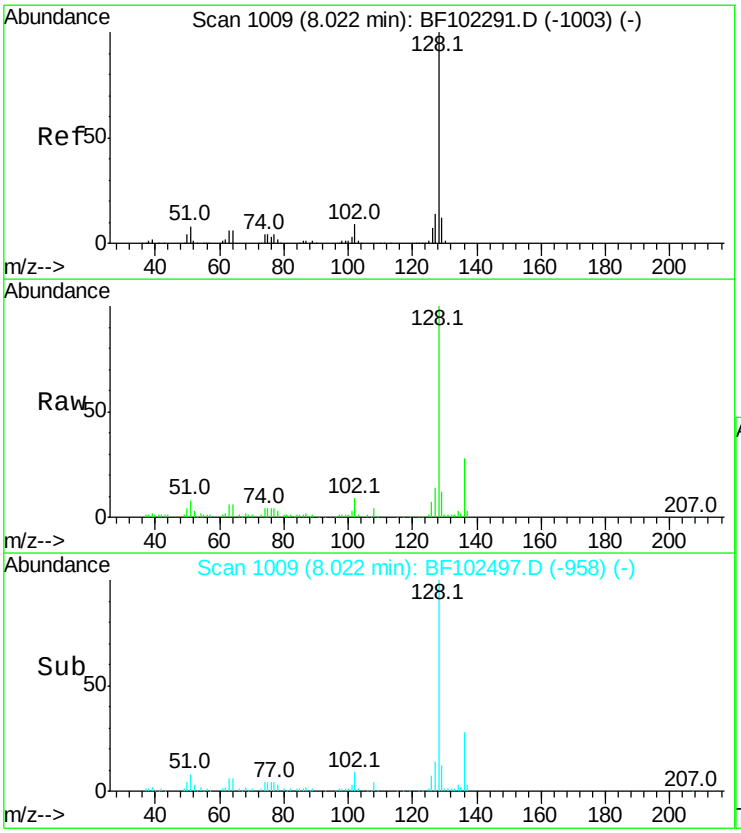
#25
Isophorone
Concen: 7.759 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 159149

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#

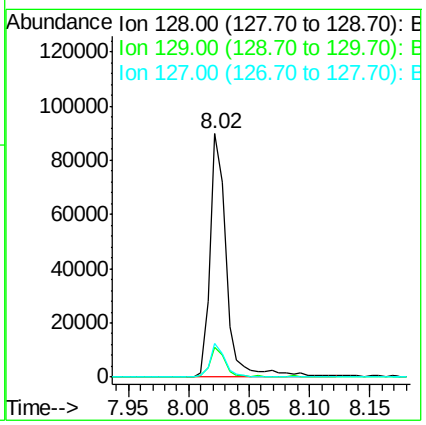


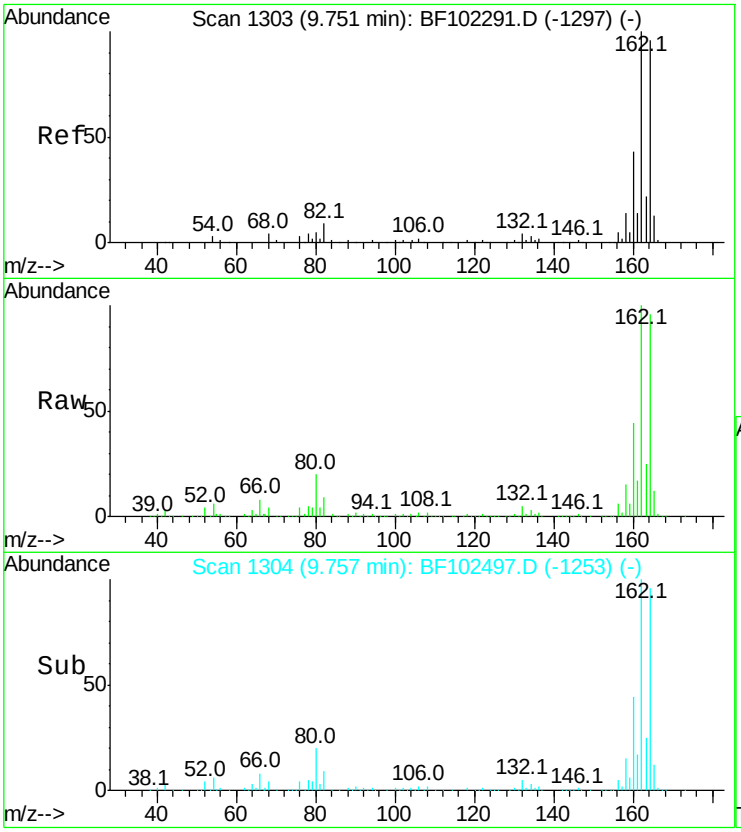


#31
Naphthalene
Concen: 2.544 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:128 Resp: 83995

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	13.8	10.9	16.3



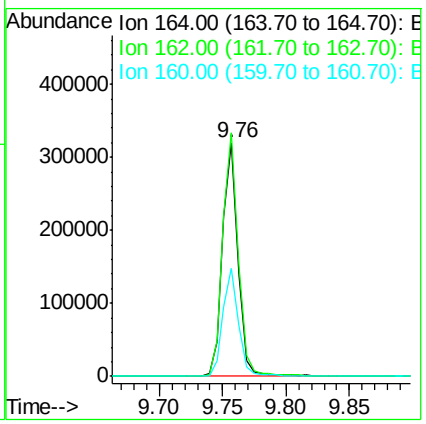


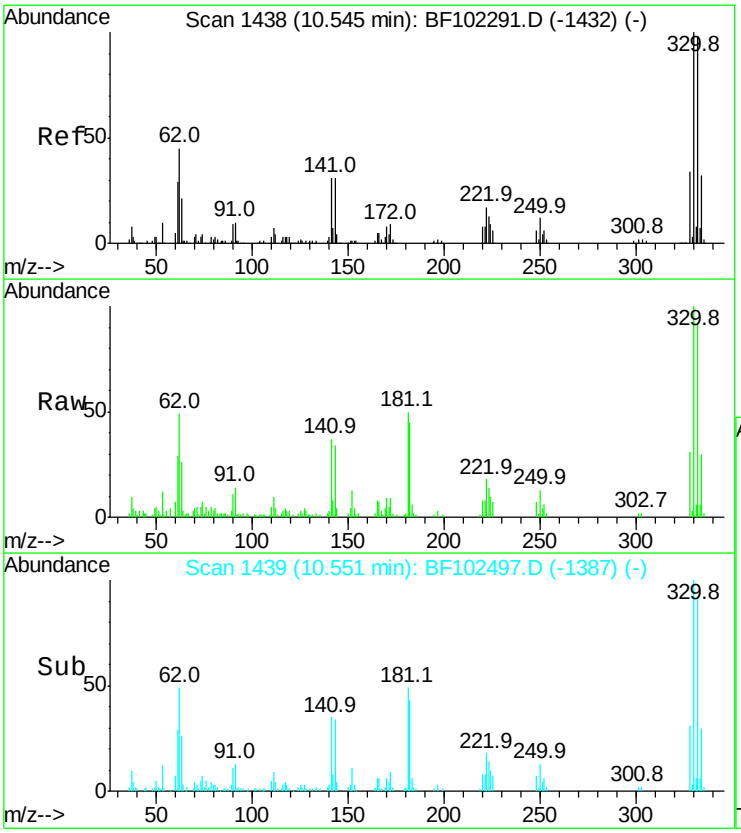
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 274239

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.0	38.3	57.5

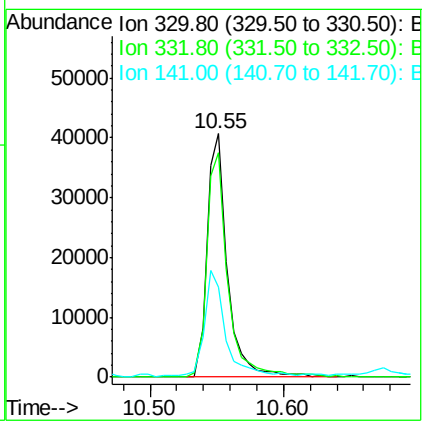


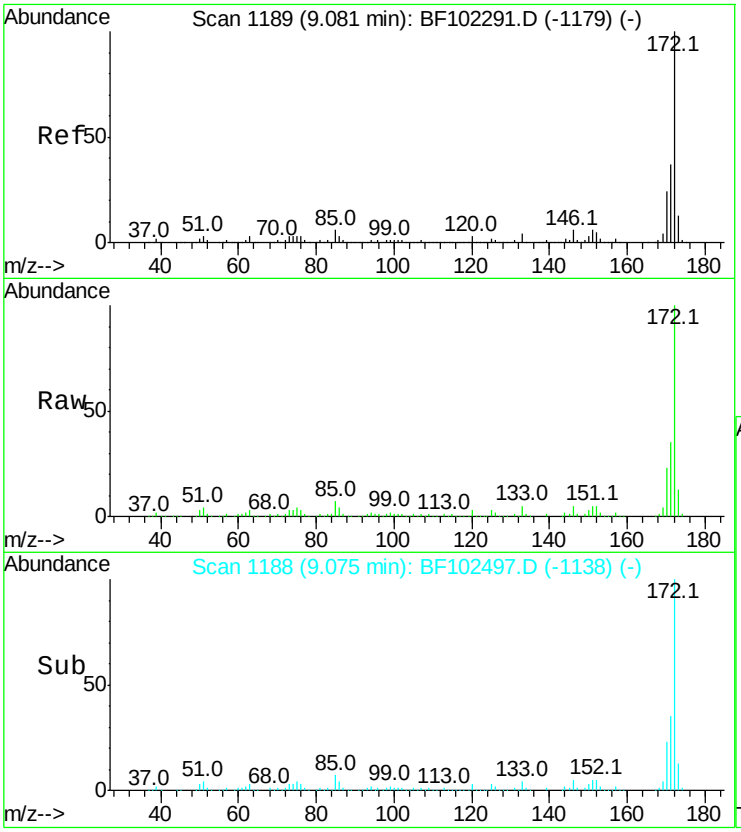


#41
2,4,6-Tribromophenol
Concen: 15.933 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:330 Resp: 43295

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	47.3	29.9	44.9#



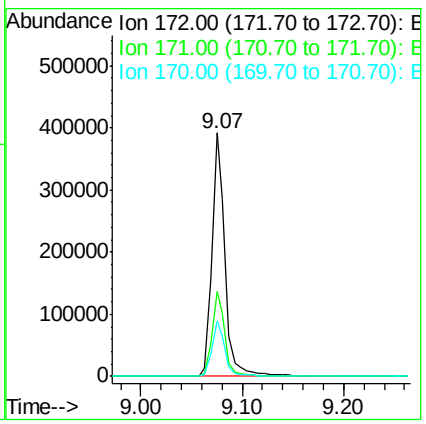


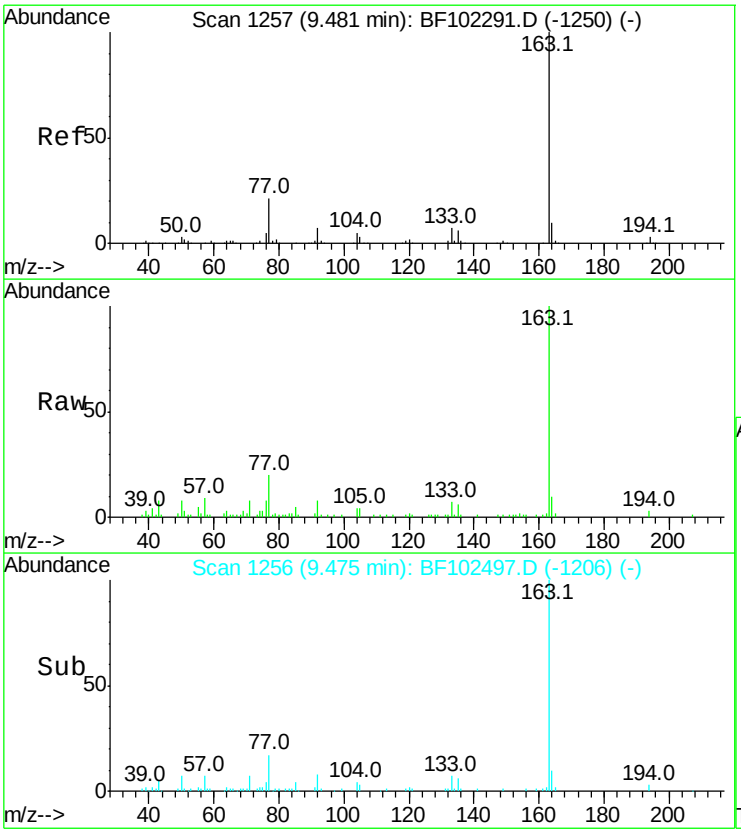
#44
2-Fluorobiphenyl
Concen: 18.796 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 350570

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	22.9	19.6	29.4

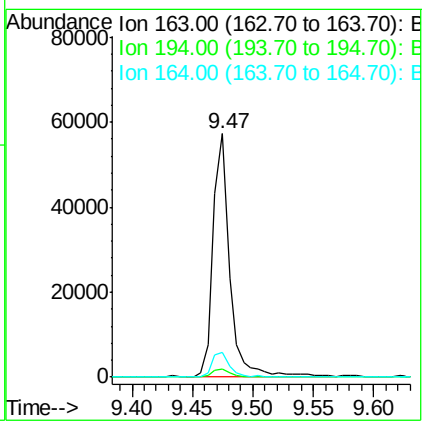


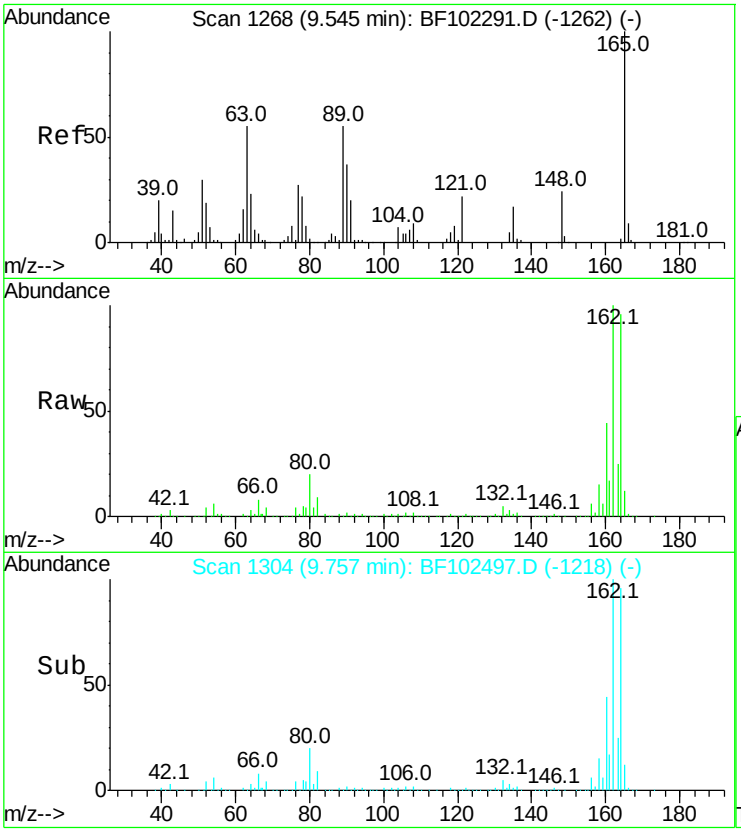


#49
Dimethylphthalate
Concen: 2.402 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:163 Resp: 54454

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2



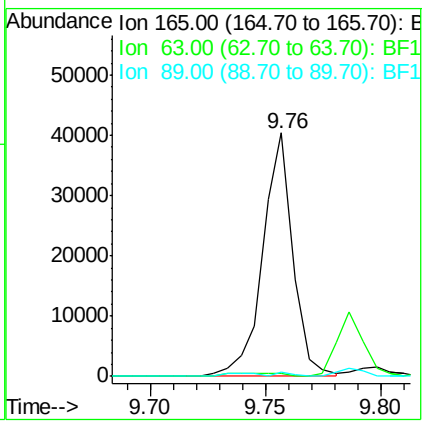


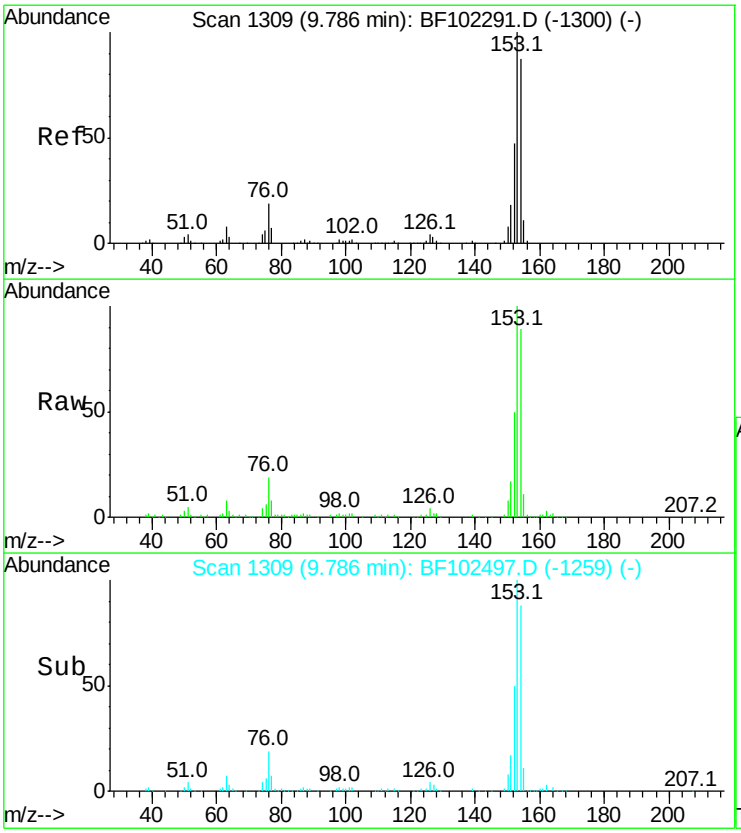
#50
2,6-Dinitrotoluene
Concen: 7.520 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36750

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#

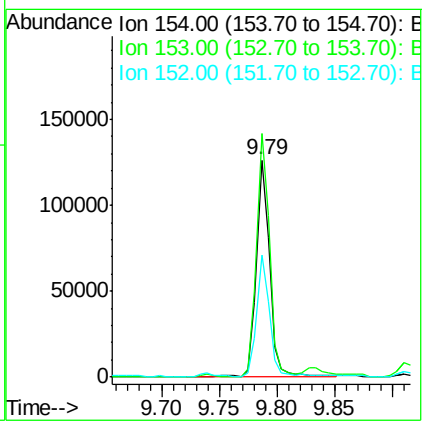


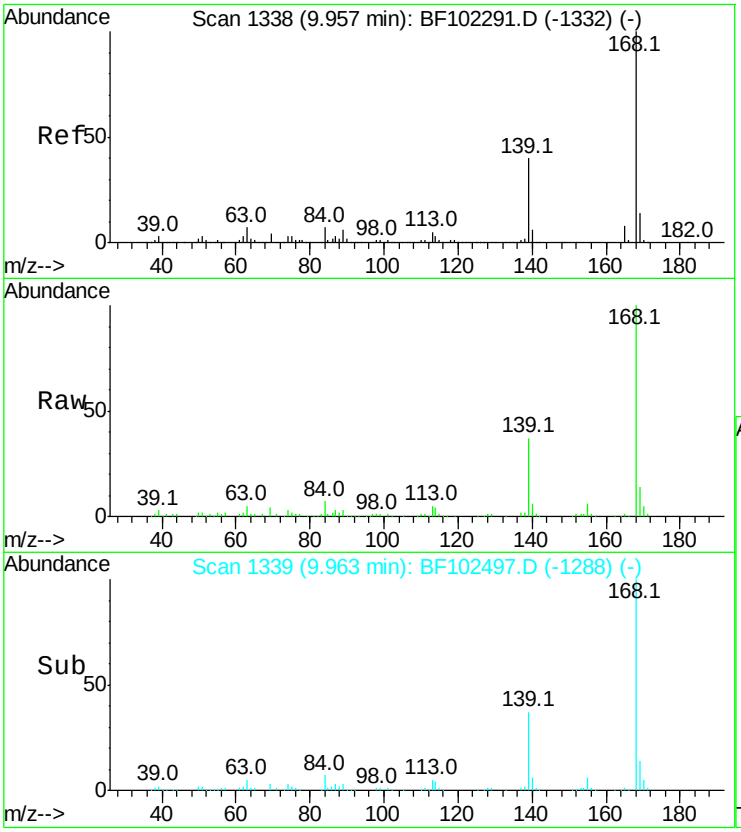


#51
Acenaphthene
Concen: 5.968 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:154 Resp: 103505

Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.2	136.8
152	56.0	43.8	65.8



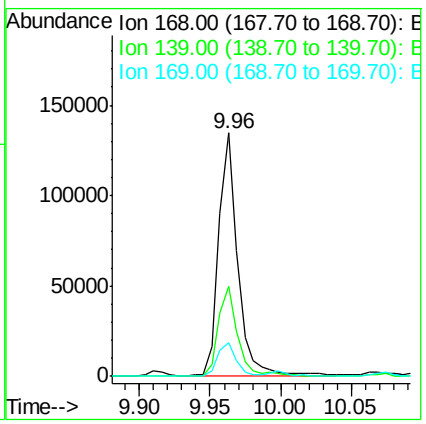


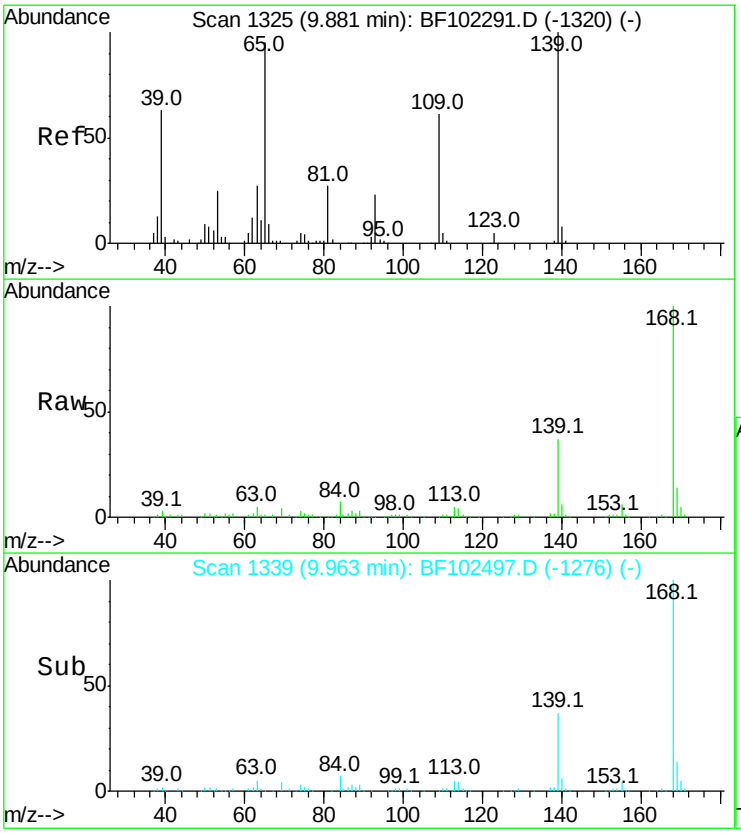
#54
Dibenzofuran
Concen: 5.471 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 128411

Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.1	45.1
169	14.1	10.9	16.3

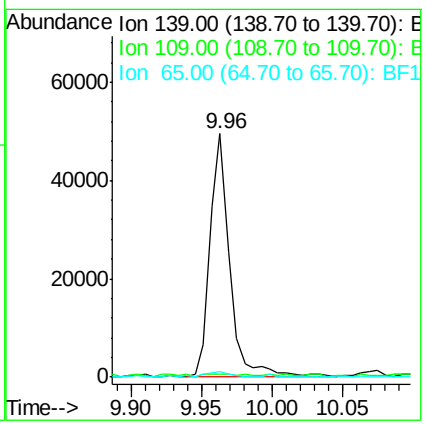


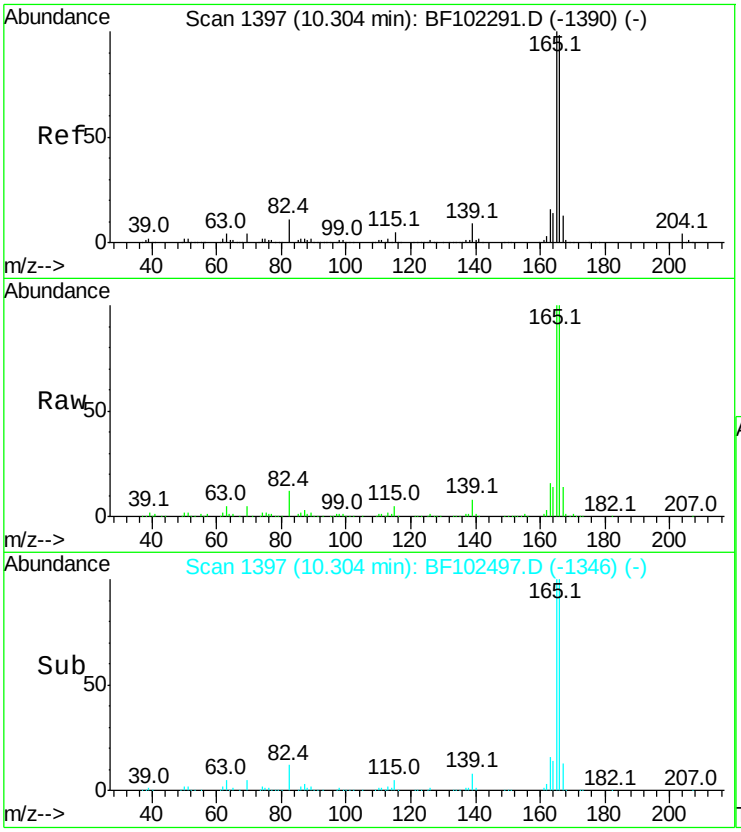


#55
4-Nitrophenol
Concen: 12.662 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.07 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:139 Resp: 48321

Ion	Ratio	Lower	Upper
139	100		
109	1.3	48.4	88.4#
65	2.1	72.6	112.6#



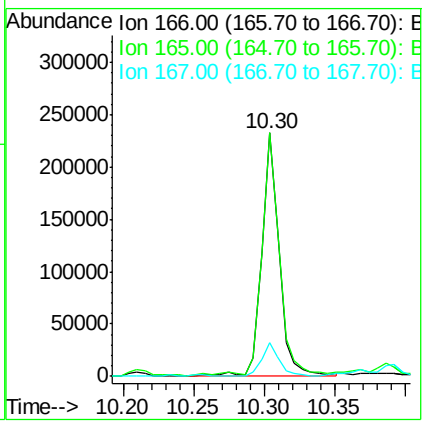


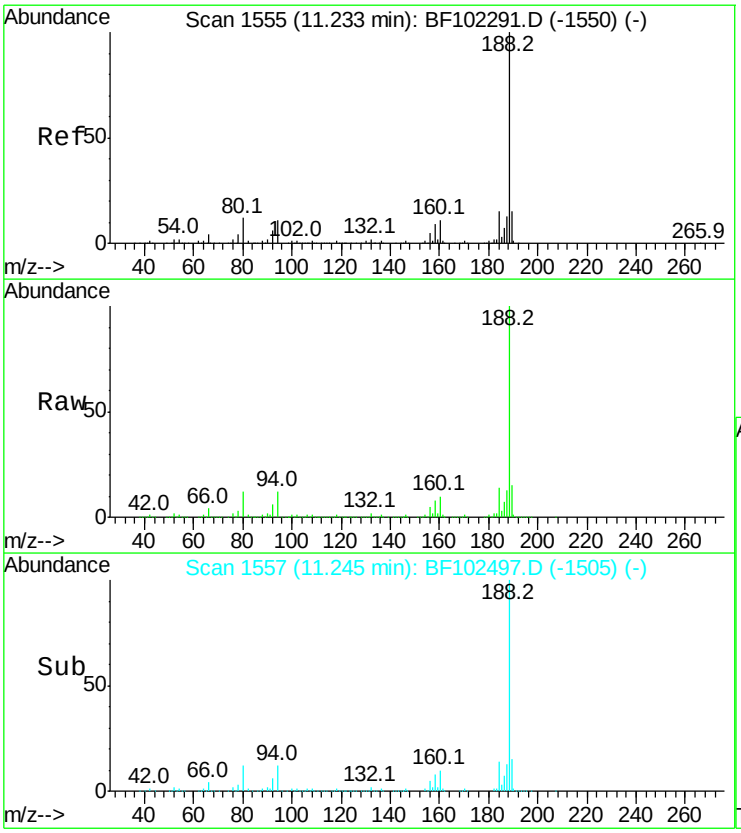
#57
Fluorene
Concen: 10.981 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 204230

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	13.6	10.6	16.0

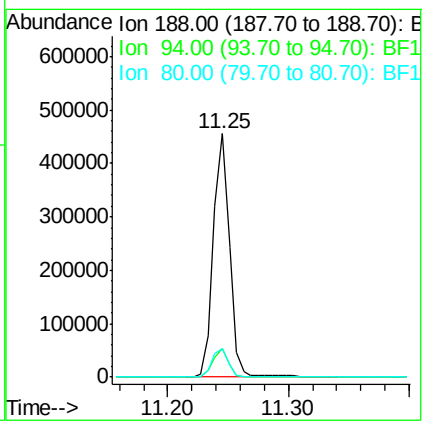


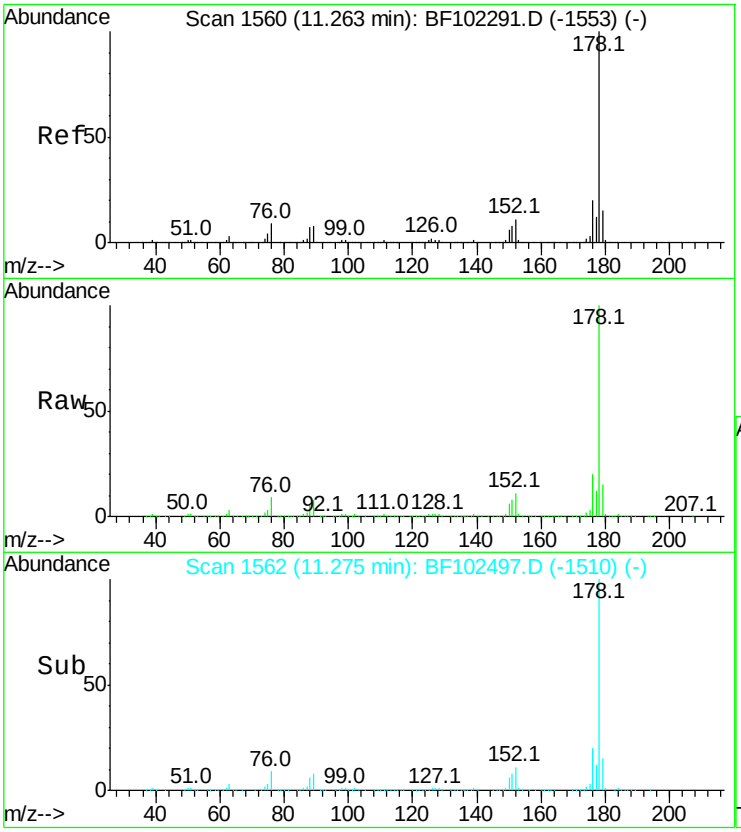


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:188 Resp: 415943

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	11.6	9.2	13.8



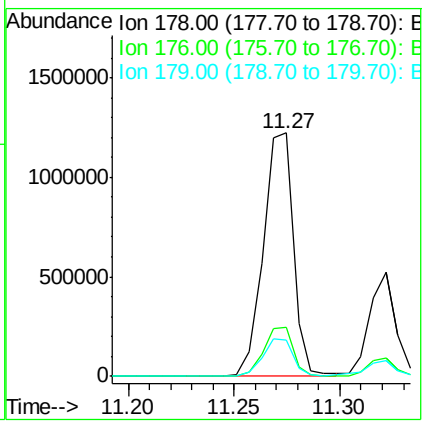


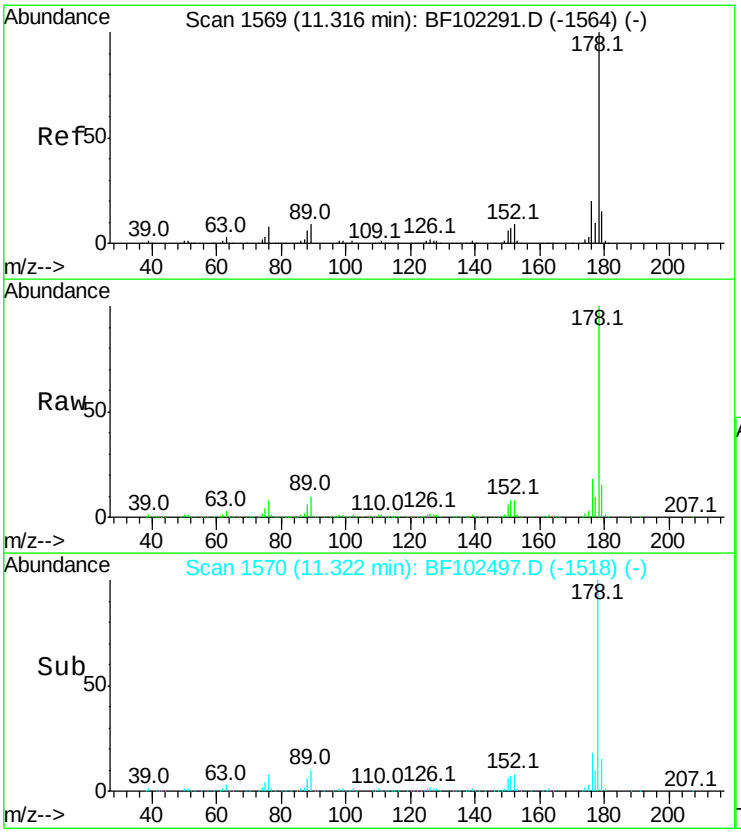
#70
Phenanthrene
Concen: 50.256 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1218091

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	14.9	13.0	19.6

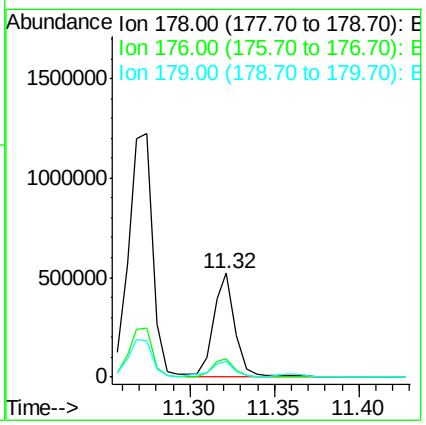


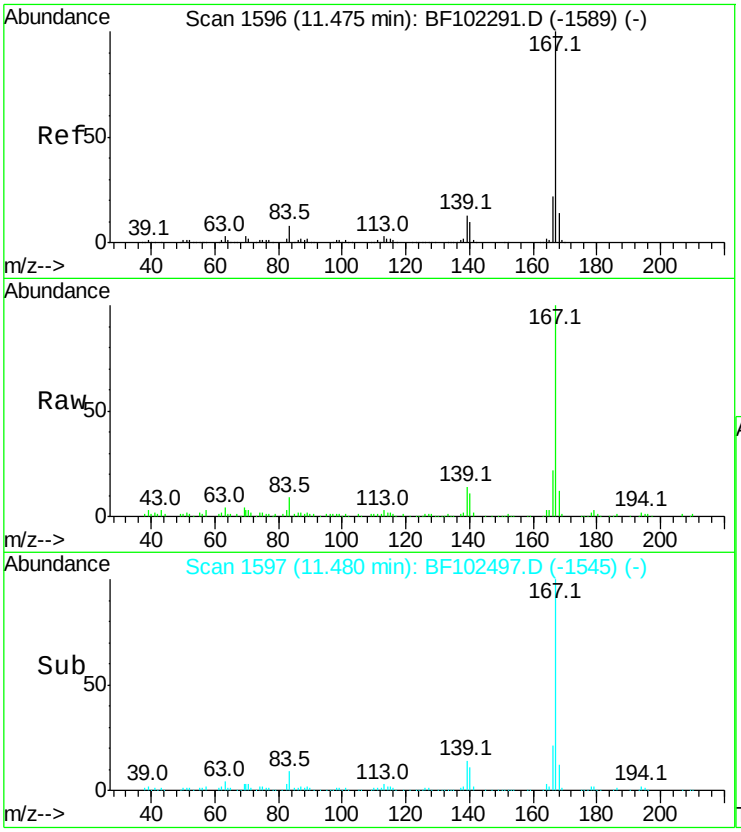


#71
Anthracene
Concen: 18.743 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:178 Resp: 463694

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.4	12.6	19.0



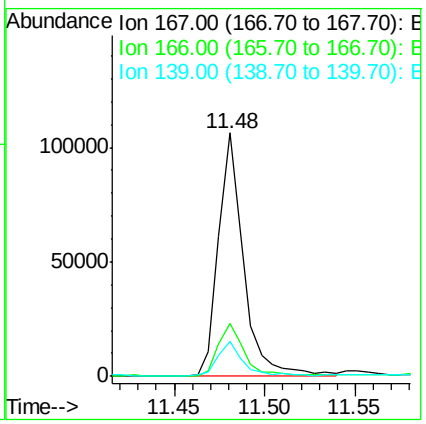


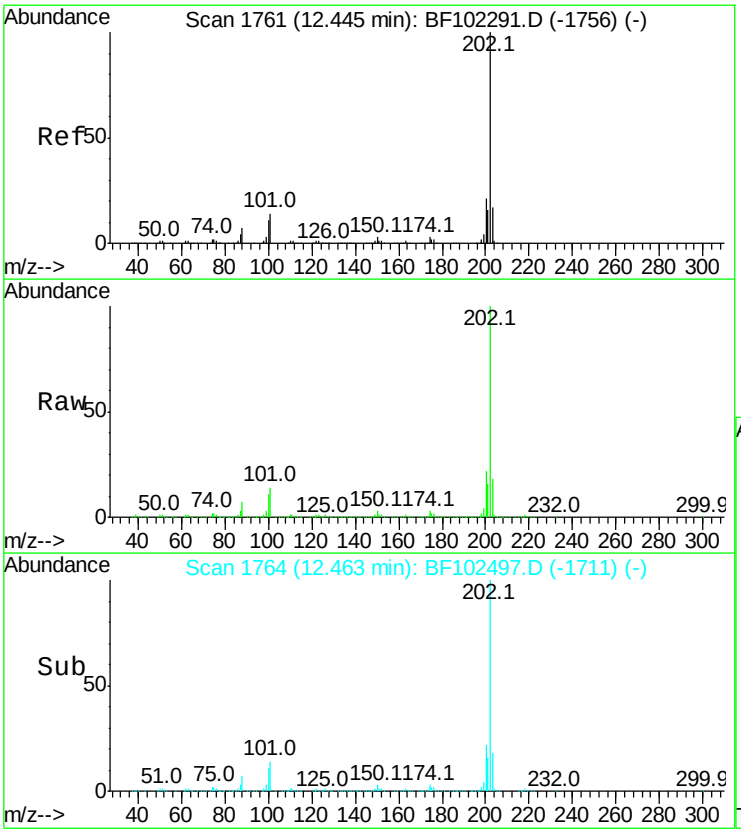
#72
Carbazole
Concen: 4.278 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 103258

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	14.2	10.9	16.3

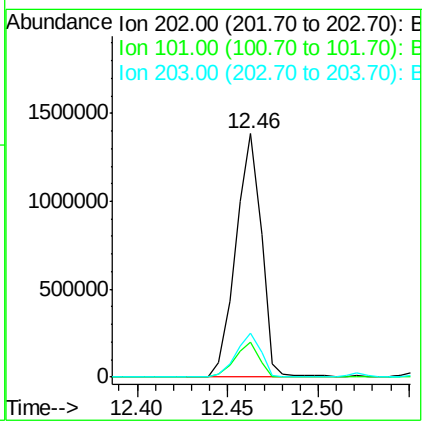


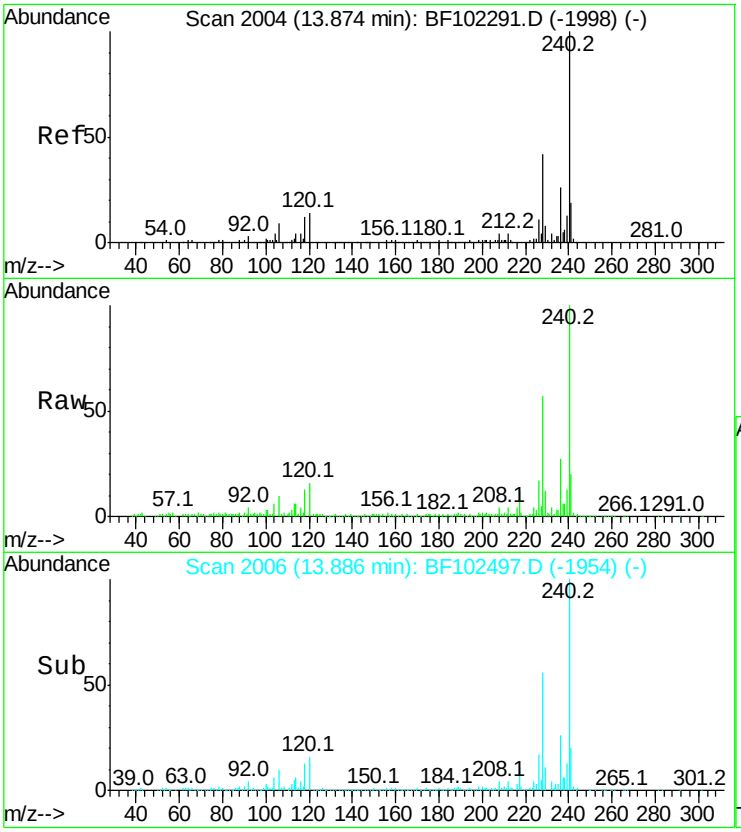


#74
Fluoranthene
Concen: 54.749 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:202 Resp: 1353215

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.8	0.0	38.1



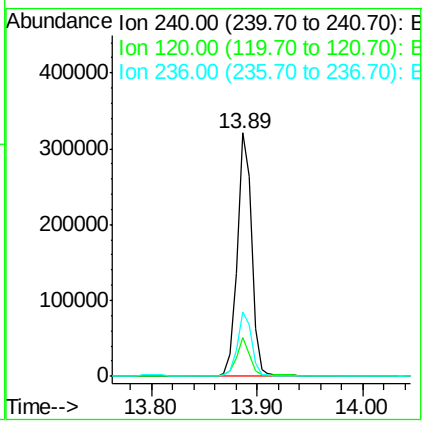


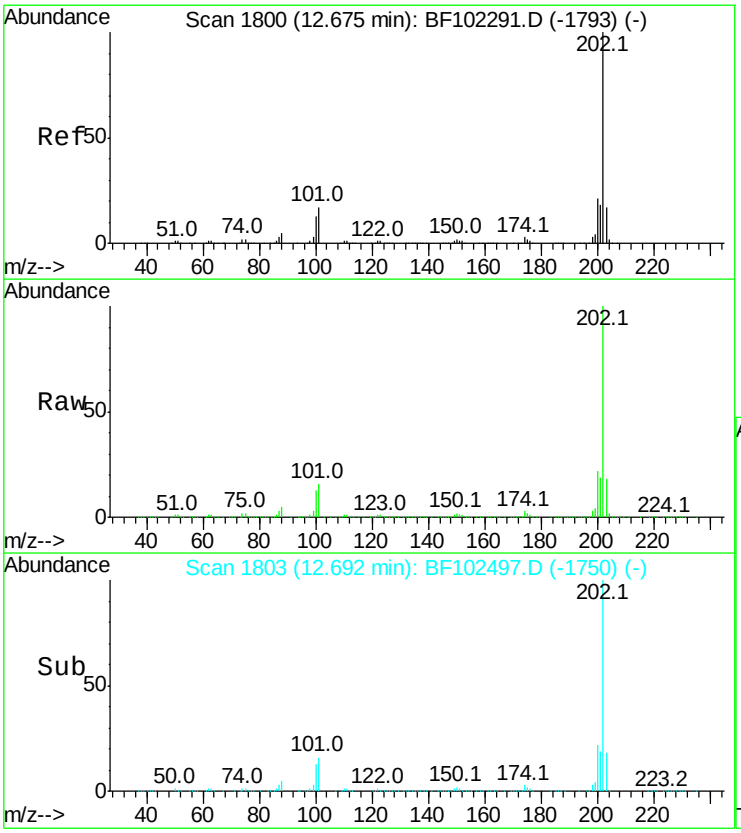
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 295406

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	26.6	20.7	31.1

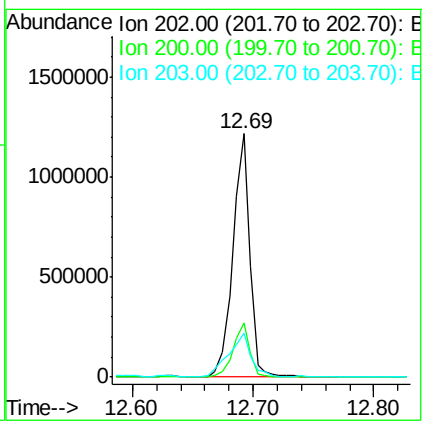


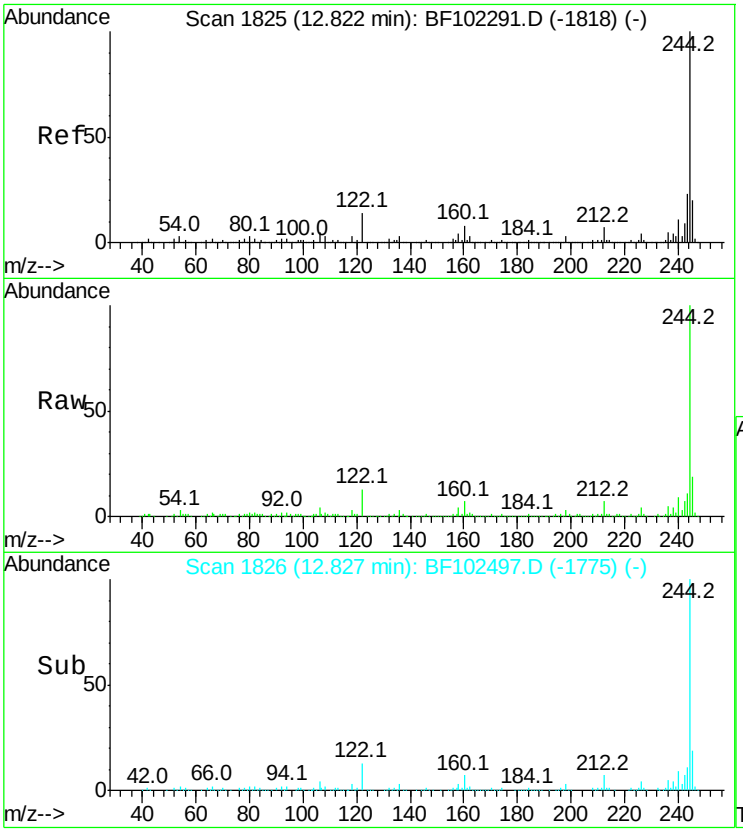


#77
Pyrene
Concen: 51.656 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:202 Resp: 1179809

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.0	14.3	21.5



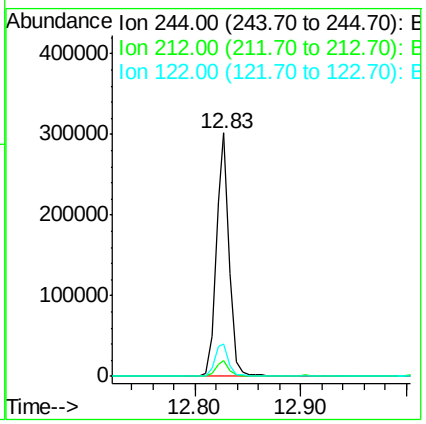


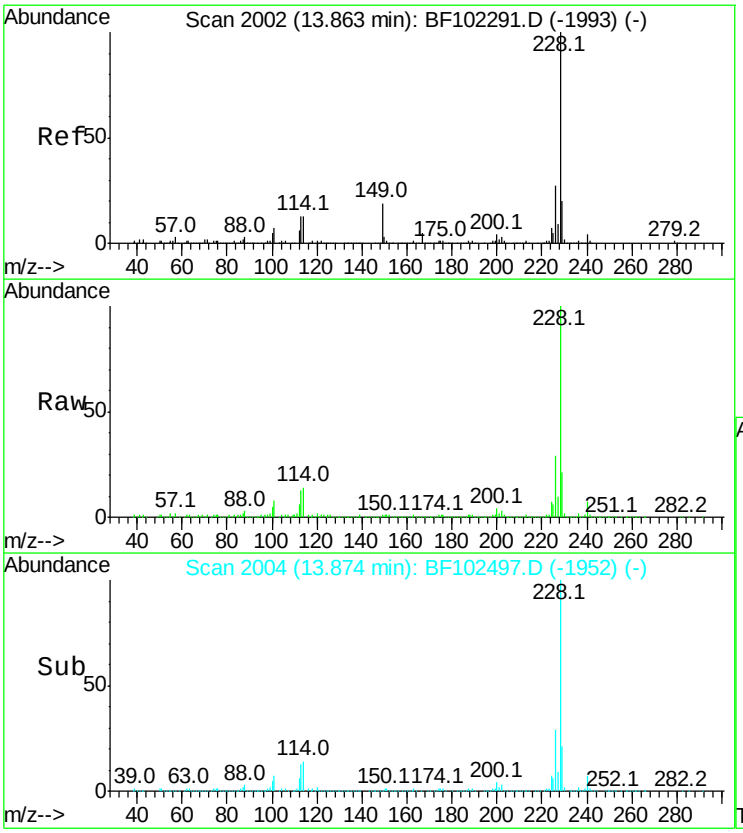
#78
Terphenyl-d14
Concen: 19.848 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 260089

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.3	11.0	16.4

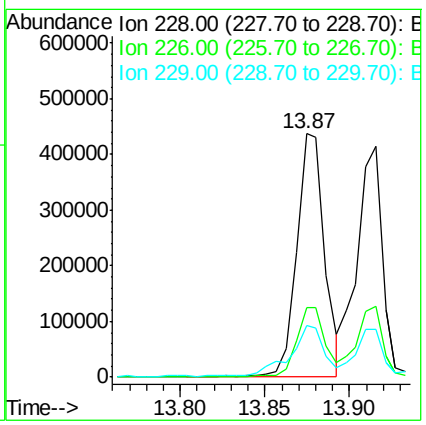


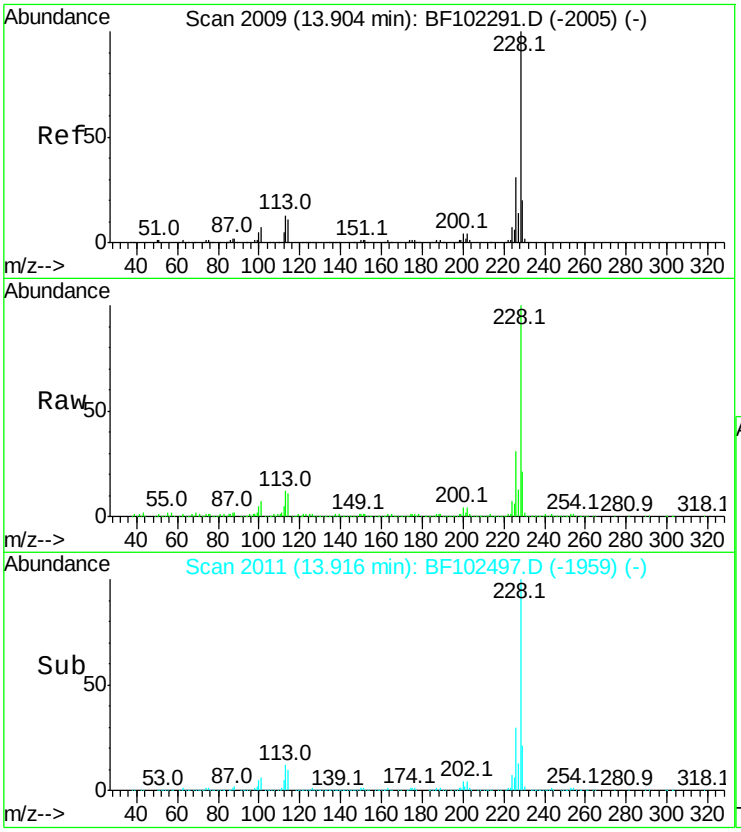


#80
Benzo(a)anthracene
Concen: 27.438 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:228 Resp: 499026

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.0	15.8	23.6



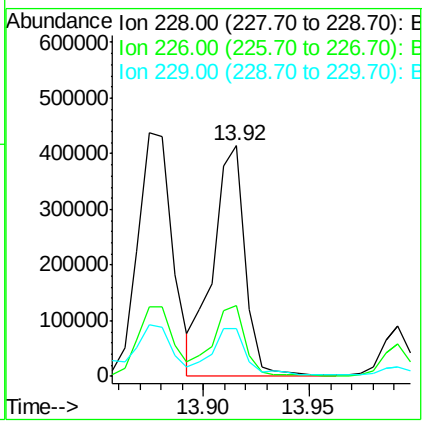


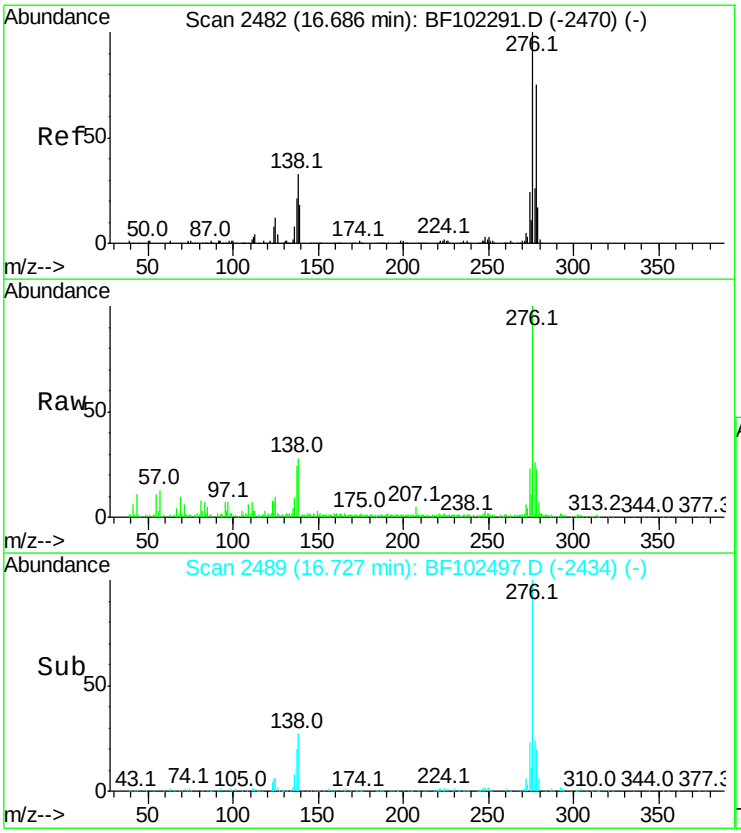
#82
Chrysene
Concen: 23.545 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 434858

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.9	16.2	24.4

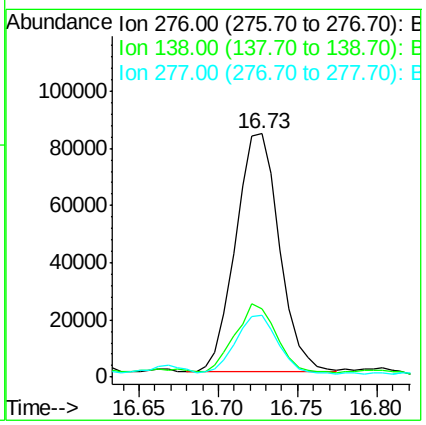


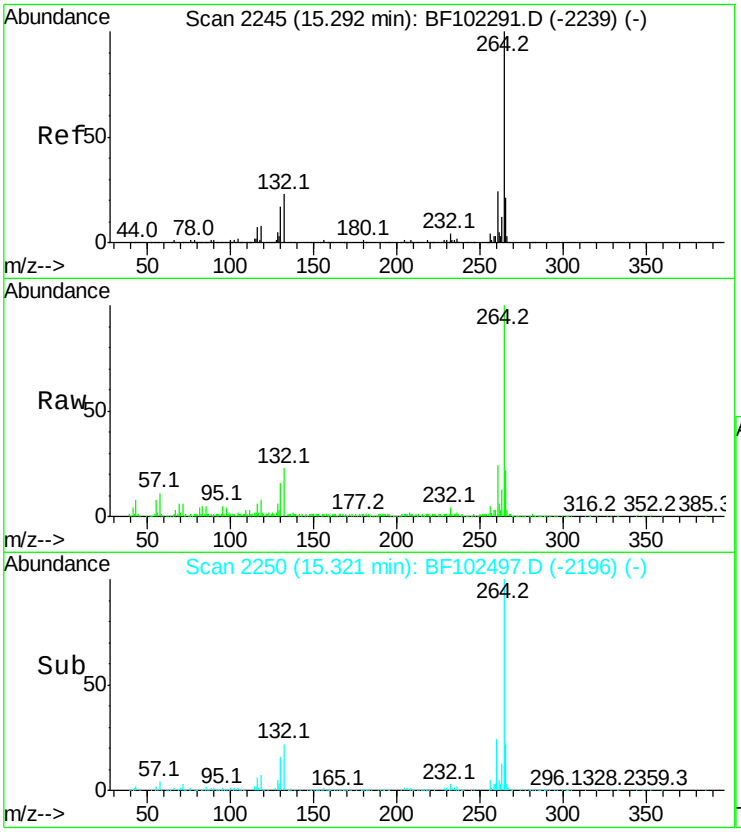


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.394 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:276 Resp: 158540

Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	24.2	20.1	30.1



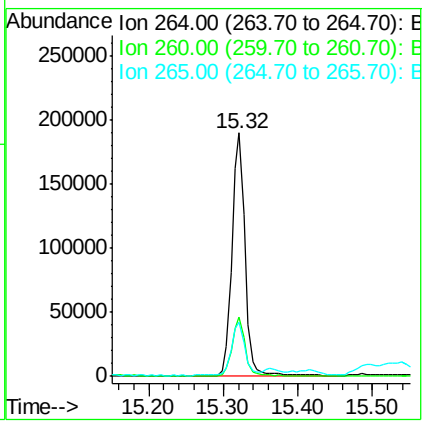


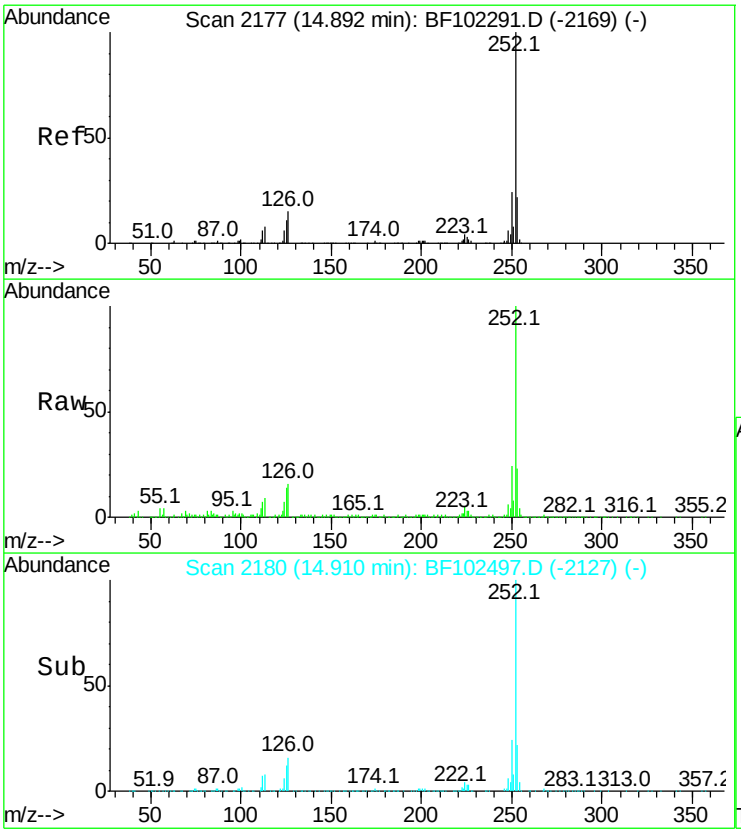
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.02 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 234088

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.5	17.5	26.3

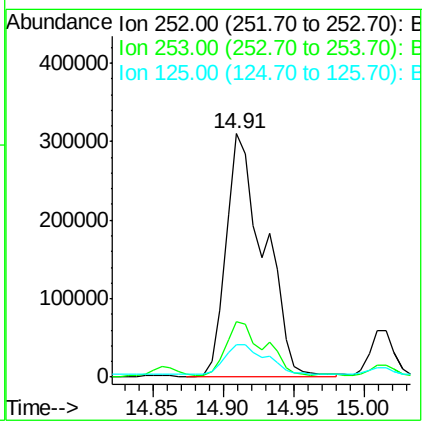


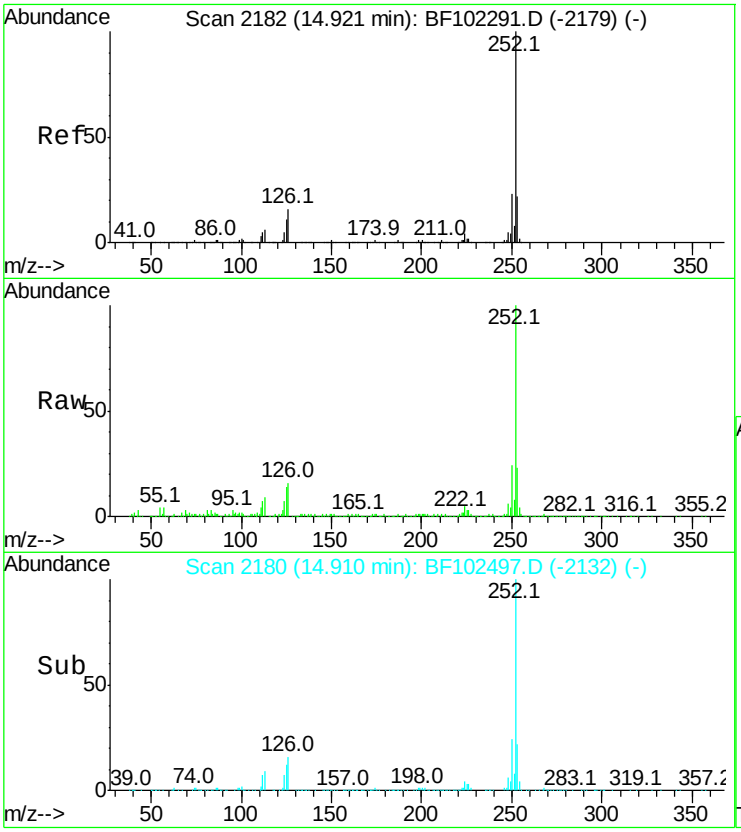


#87
Benzo(b)fluoranthene
Concen: 38.297 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:252 Resp: 581057

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.5	9.0	13.6



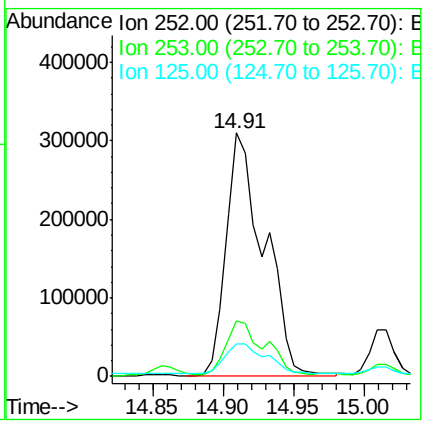


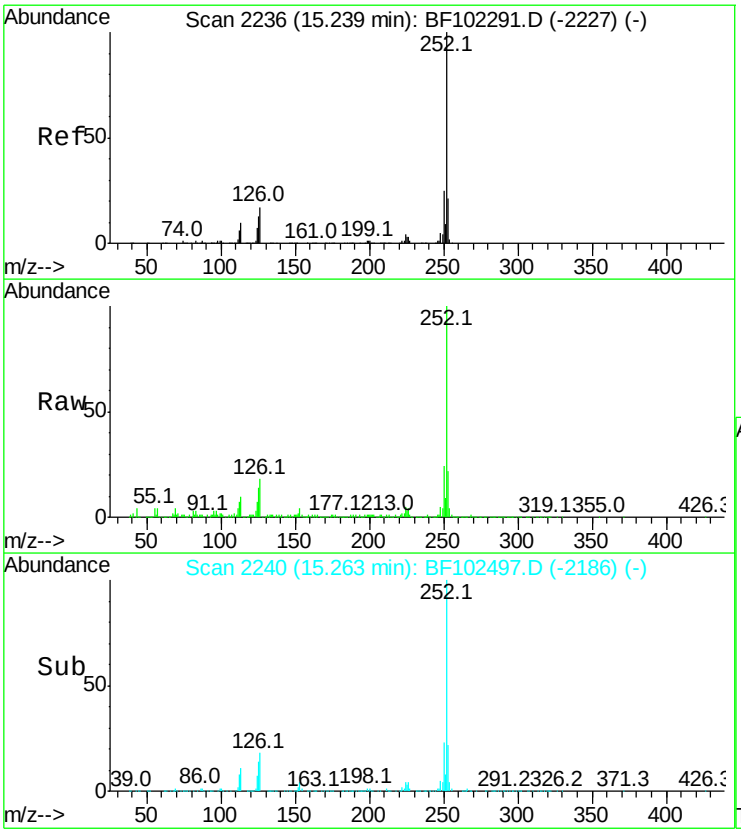
#88
Benzo(k)fluoranthene
Concen: 40.535 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 581057

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	13.5	10.2	15.2

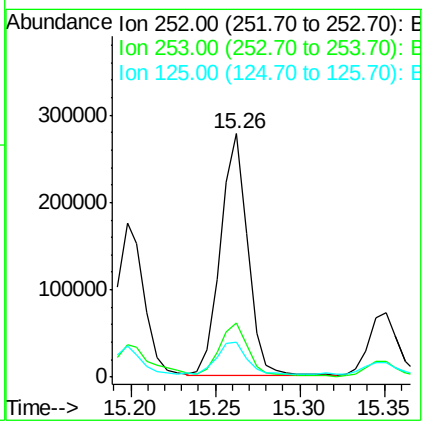


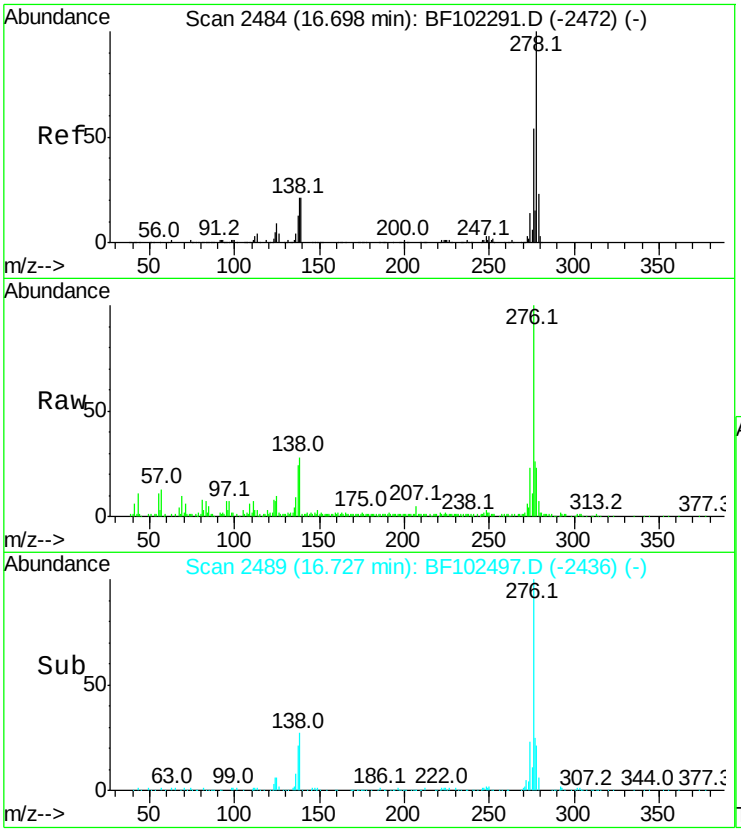


#89
Benzo(a)pyrene
Concen: 22.934 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:252 Resp: 313823

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	14.4	9.8	14.6



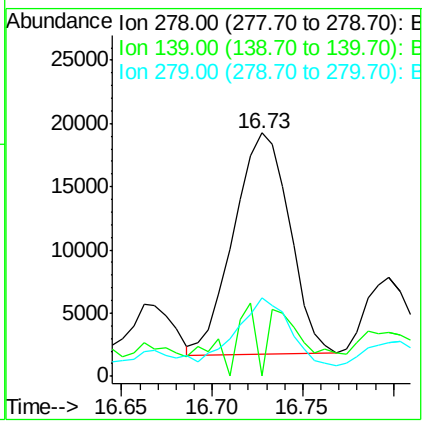


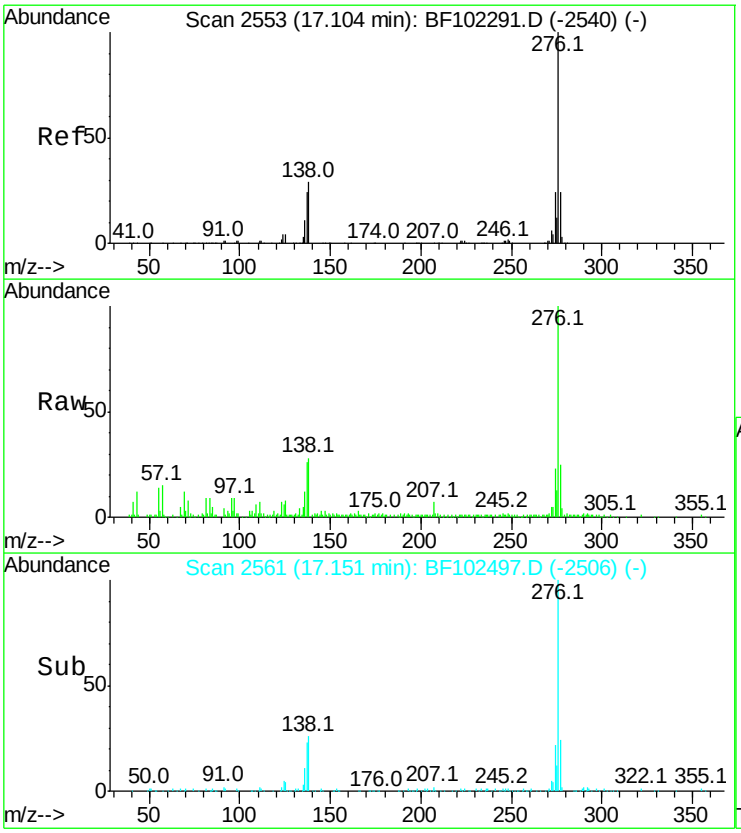
#90
Dibenzo(a,h)anthracene
Concen: 3.385 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 37522

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	32.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 14.692 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF102497.D
Acq: 27 Jan 2018 5:53

Tgt Ion:276 Resp: 160806

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	27.7	21.8	32.8