Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104790.D
Acq On : 25 Apr 2018 15:52
Operator : JU/SJ
Sample : J2505-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 26 08:12:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122401	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	517121	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	238281	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	383968	20.00	ng		0.00
75) Chrysene-d12	13.98	240	230965	20.00	ng		0.00
86) Perylene-d12	15.45	264	216794	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	722598	90.27	ng		0.00
7) Phenol-d6	6.44	99	905949	92.11	ng		0.00
23) Nitrobenzene-d5	7.37	82	566934	71.59	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	213336	86.31	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	986292	65.39	ng		0.00
78) Terphenyl-d14	12.92	244	766312	75.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	1223	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.37	70	75353	11.724	ng	#	69
25) Isophorone	7.37	82	562934	33.615	ng	#	64
49) Dimethylphthalate	9.55	163	101555	5.405	ng		100
64) 4,6-Dinitro-2-methylphenol	10.63	198	403	7.530	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	12960	3.173	ng	#	1
70) Phenanthrene	11.35	178	113404	5.303	ng		98
74) Fluoranthene	12.54	202	132114	5.914	ng		97
76) Benzidine	12.92	184	11510	Below Cal			98
77) Pyrene	12.77	202	120495	7.038	ng		99
80) Benzo(a)anthracene	13.97	228	51904	3.762	ng		96
82) Chrysene	14.00	228	44514	3.141	ng		97
83) Bis(2-ethylhexyl)phthalate	13.94	149	24633	2.374	ng		100
87) Benzo(b)fluoranthene	15.02	252	76013	5.551	ng	#	88
88) Benzo(k)fluoranthene	15.02	252	76013	5.880	ng	#	91
89) Benzo(a)pyrene	15.39	252	39675	3.238	ng	#	88
91) Benzo(g,h,i)perylene	17.35	276	22045	2.261	ng	#	94

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Apr 26 08:12:29 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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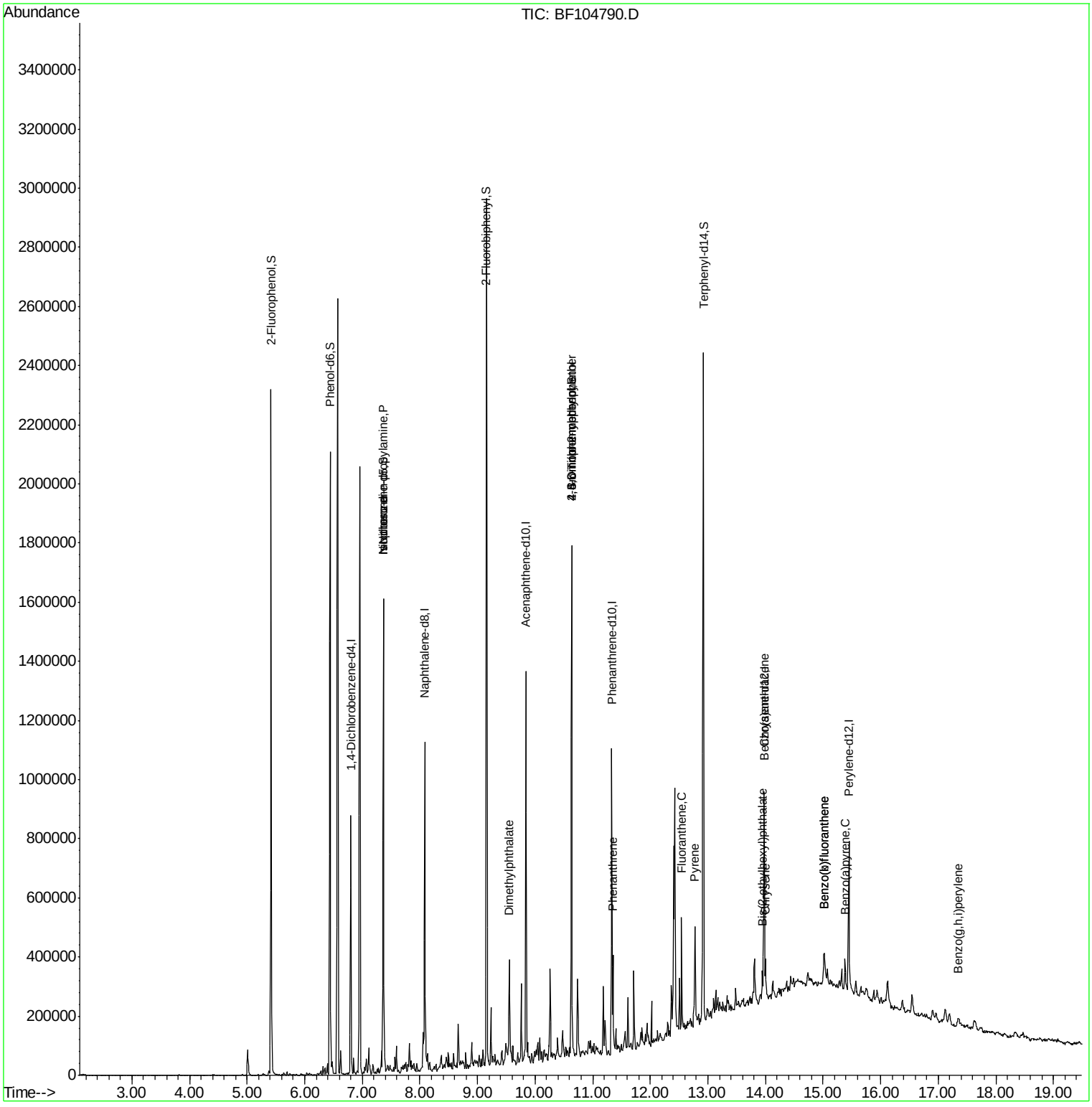
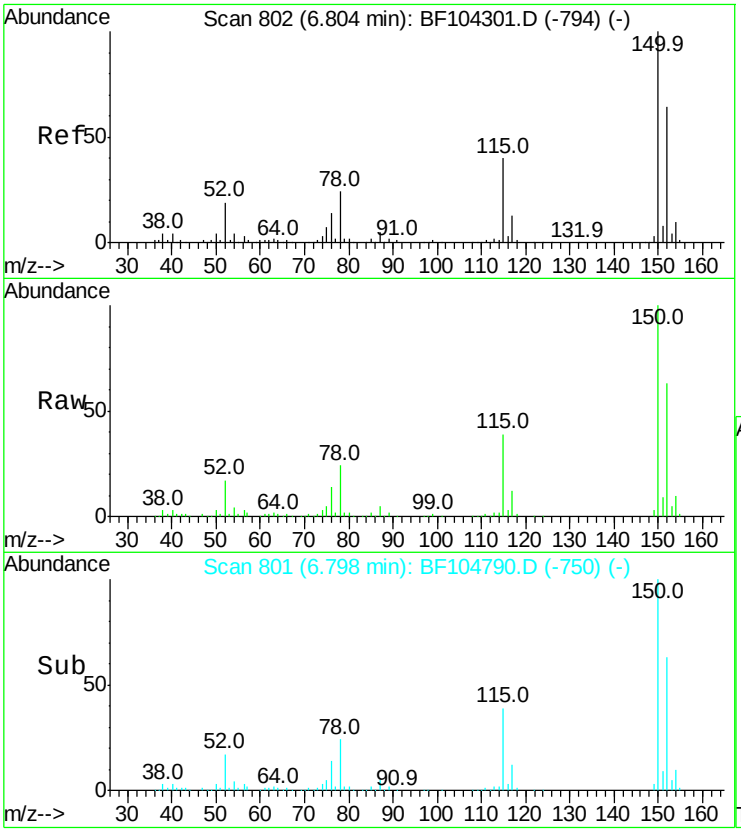


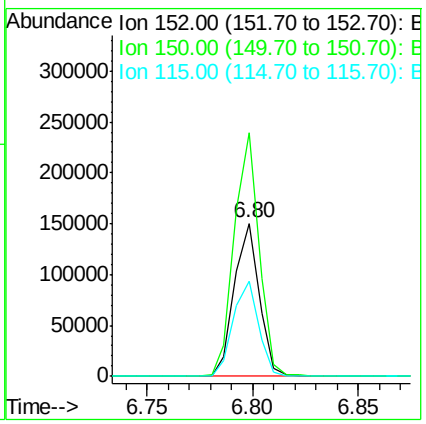


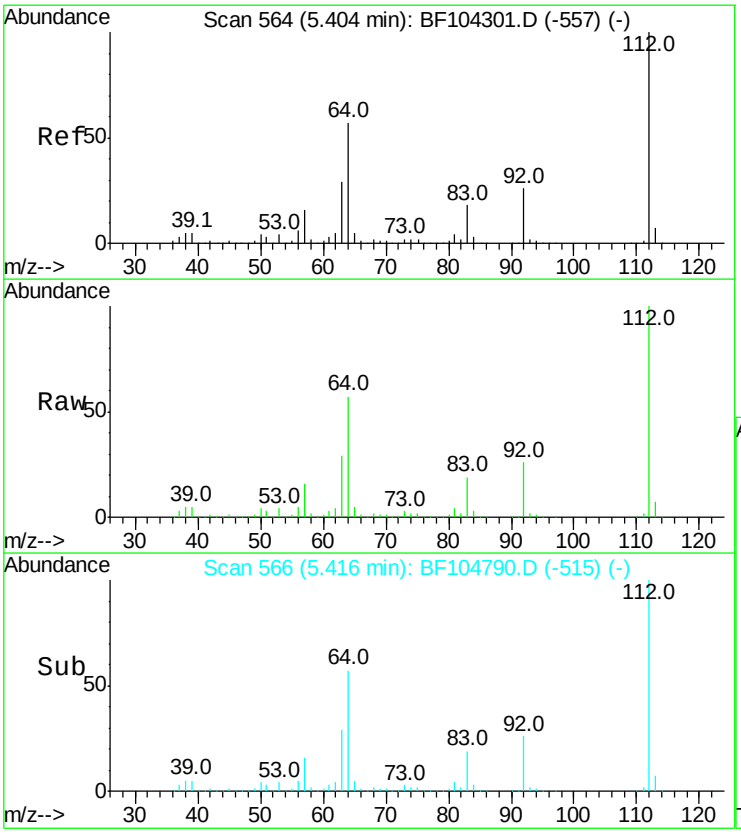
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122401

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	62.1	50.1	75.1

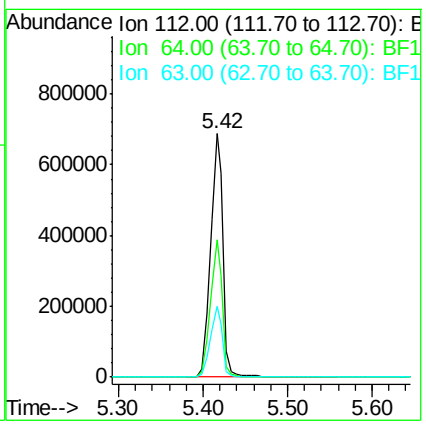


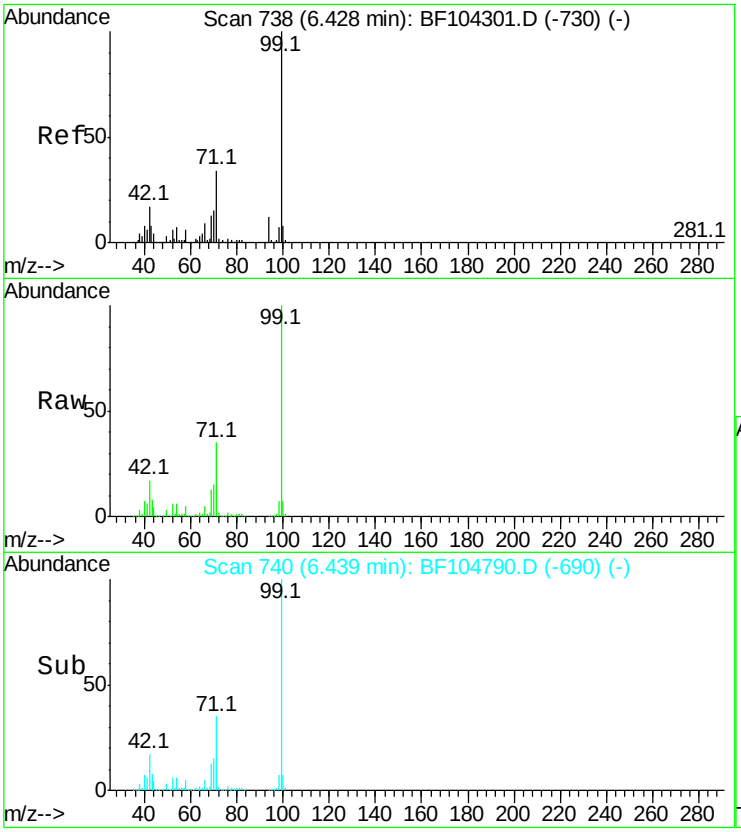


#5
2-Fluorophenol
Concen: 90.268 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:112 Resp: 722598

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	29.3	23.7	35.5



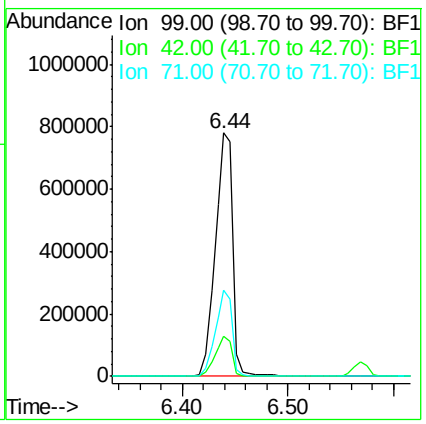


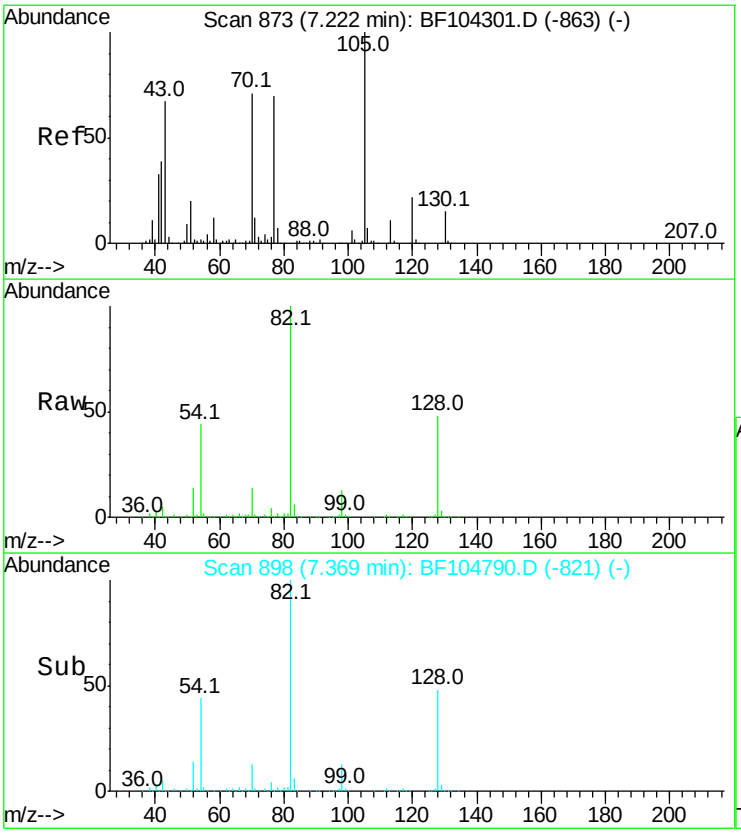
#7
Phenol-d6
Concen: 92.110 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 905949

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	35.4	25.4	38.0

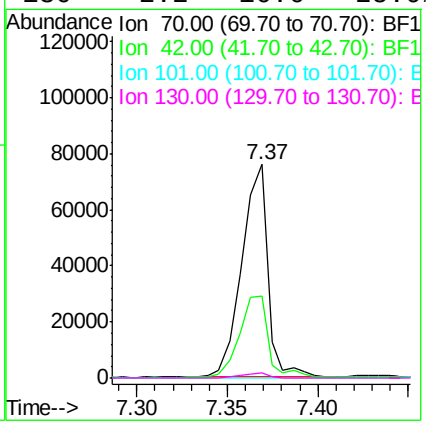


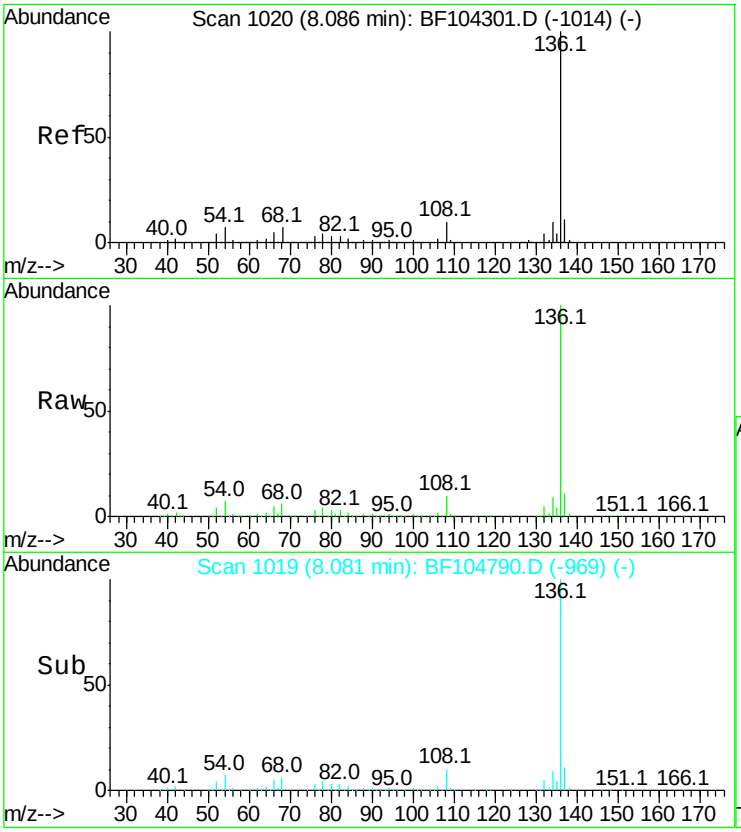


#19
n-Nitroso-di-n-propylamine
Concen: 11.724 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion: 70 Resp: 75353

Ion	Ratio	Lower	Upper
70	100		
42	38.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



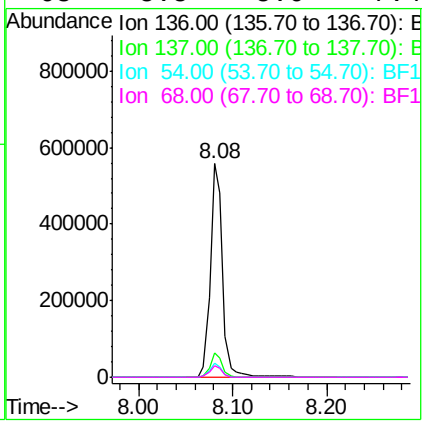


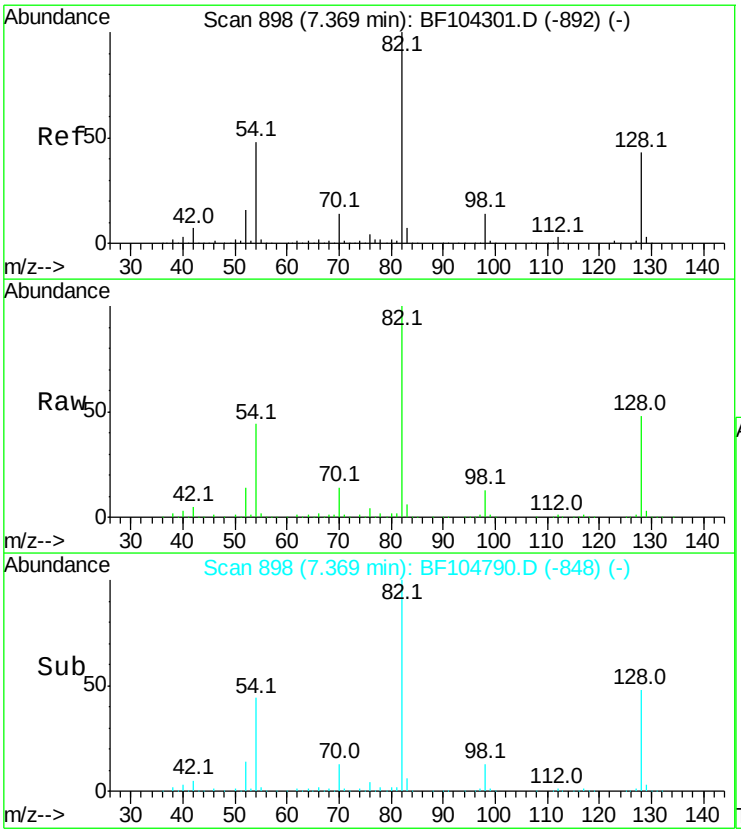
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 517121

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.8	6.6	9.8
68	5.5	5.0	7.4

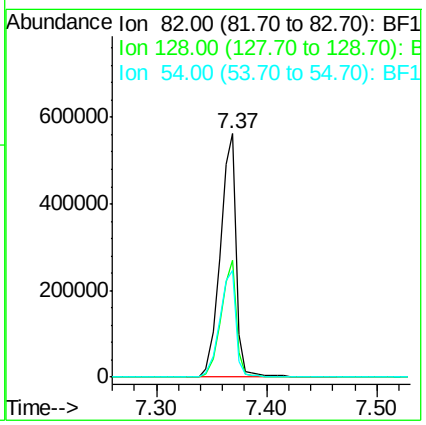


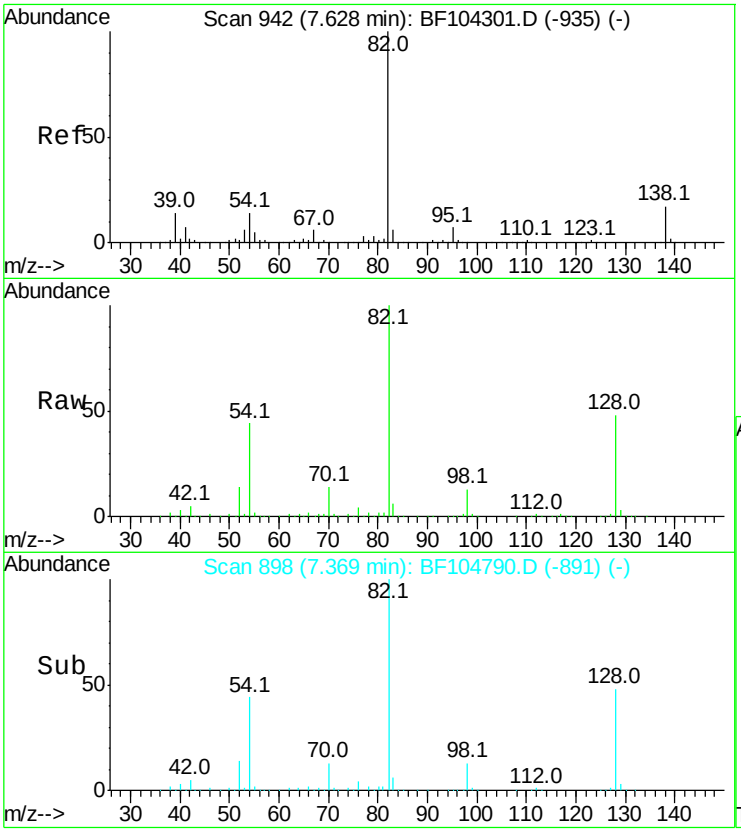


#23
Nitrobenzene-d5
Concen: 71.588 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion: 82 Resp: 566934

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	43.7	41.4	62.2



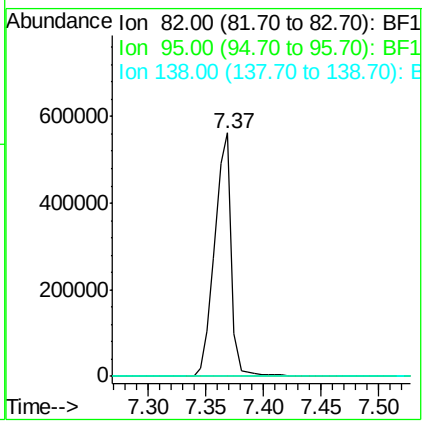


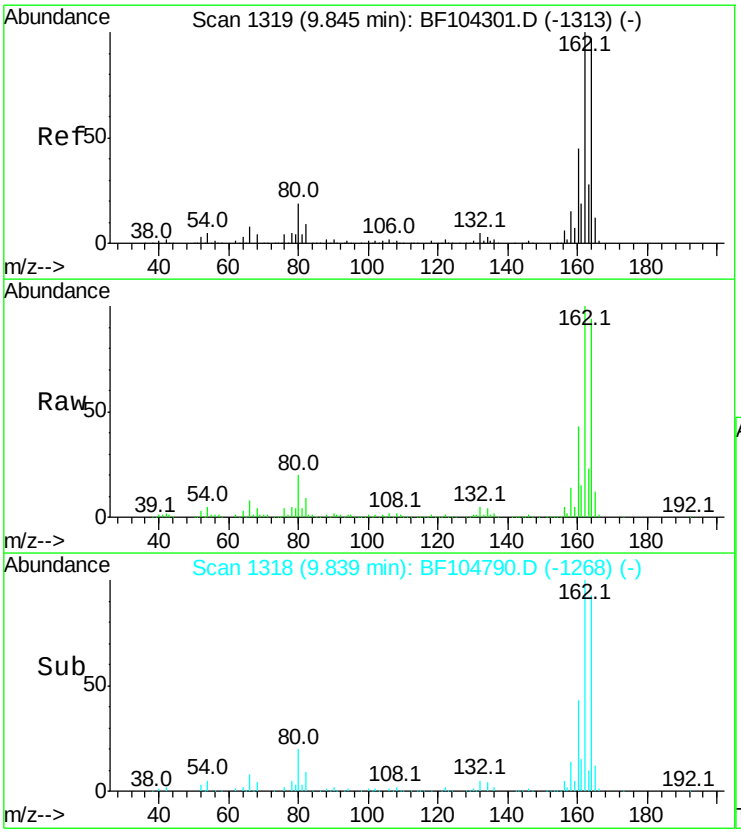
#25
Isophorone
Concen: 33.615 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 562934

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

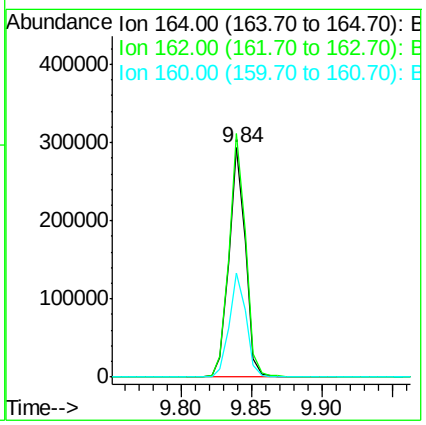


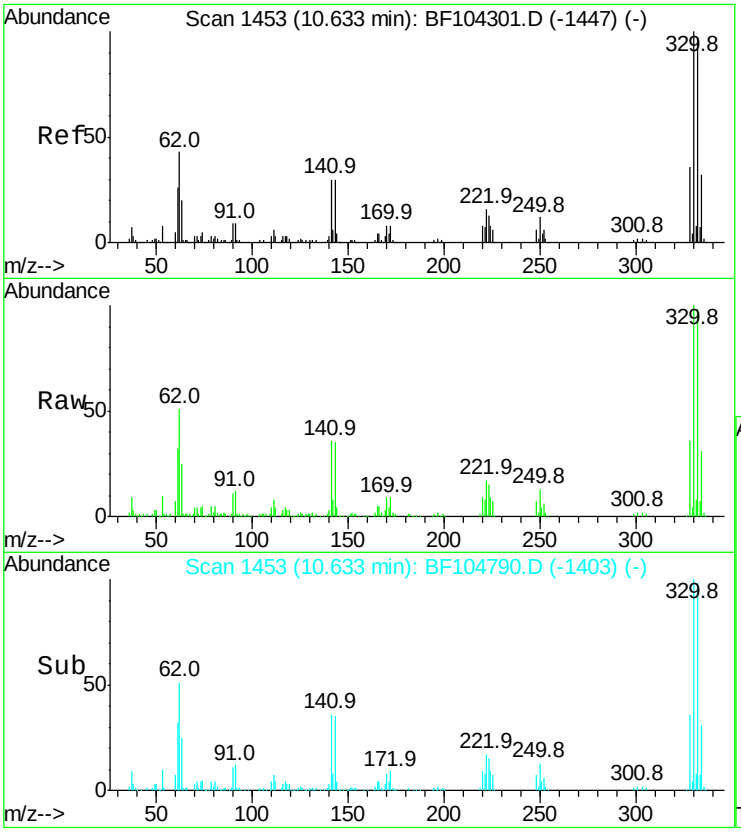


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:164 Resp: 238281

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	45.6	38.3	57.5



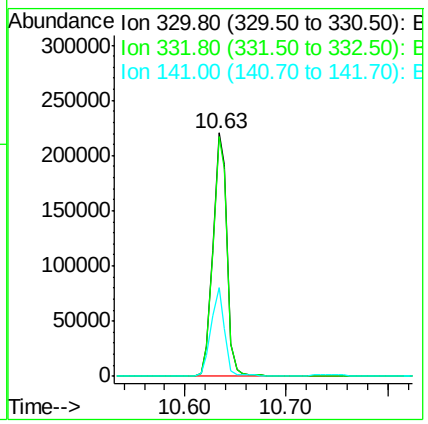


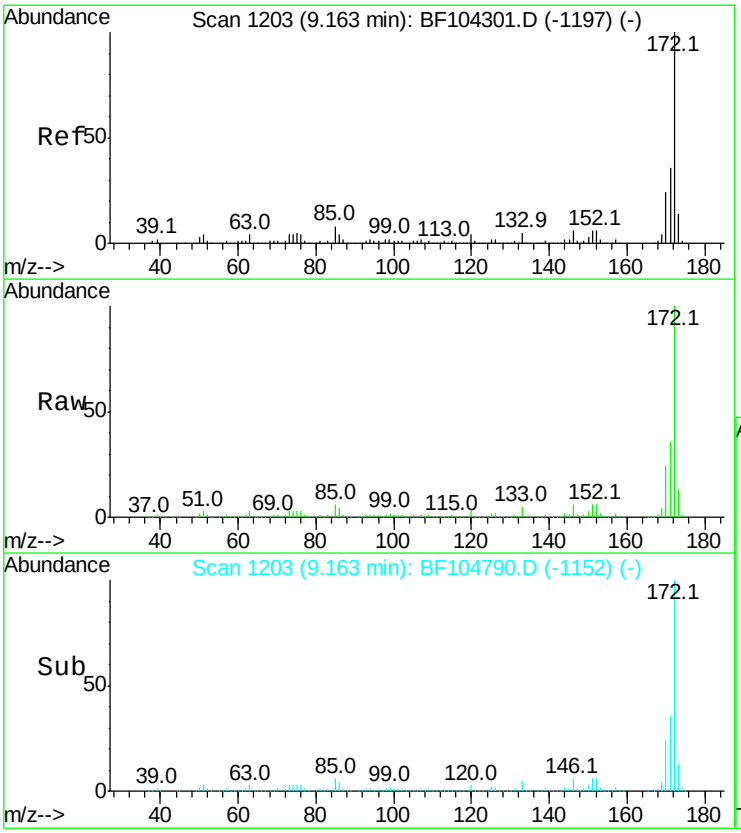
#41
2,4,6-Tribromophenol
Concen: 86.310 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 213336

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	34.3	29.9	44.9

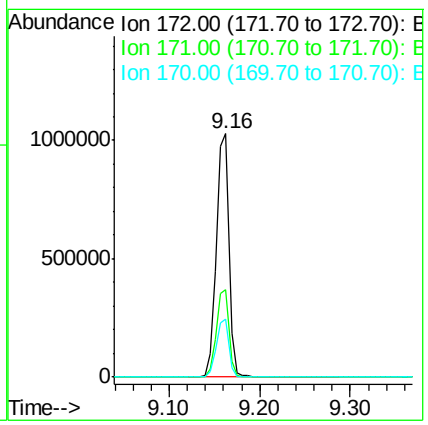


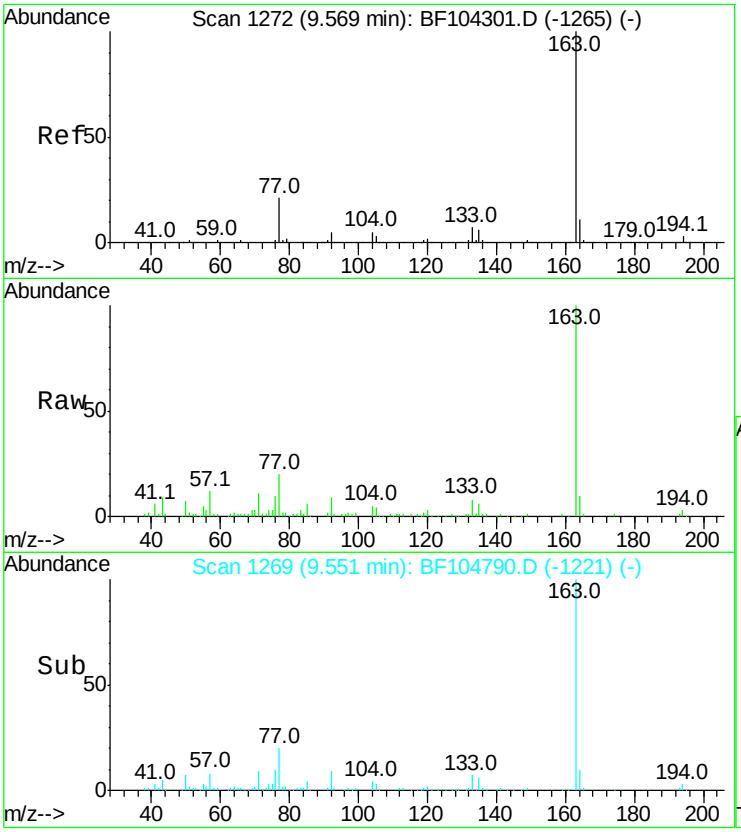


#44
2-Fluorobiphenyl
Concen: 65.389 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:172 Resp: 986292

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



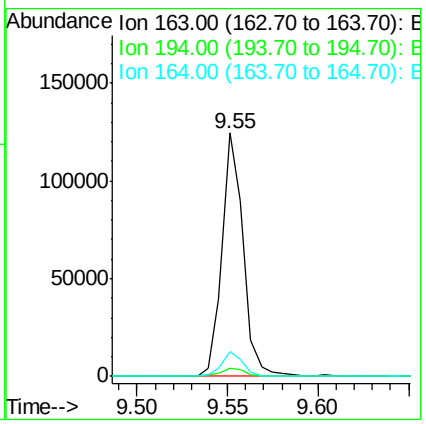


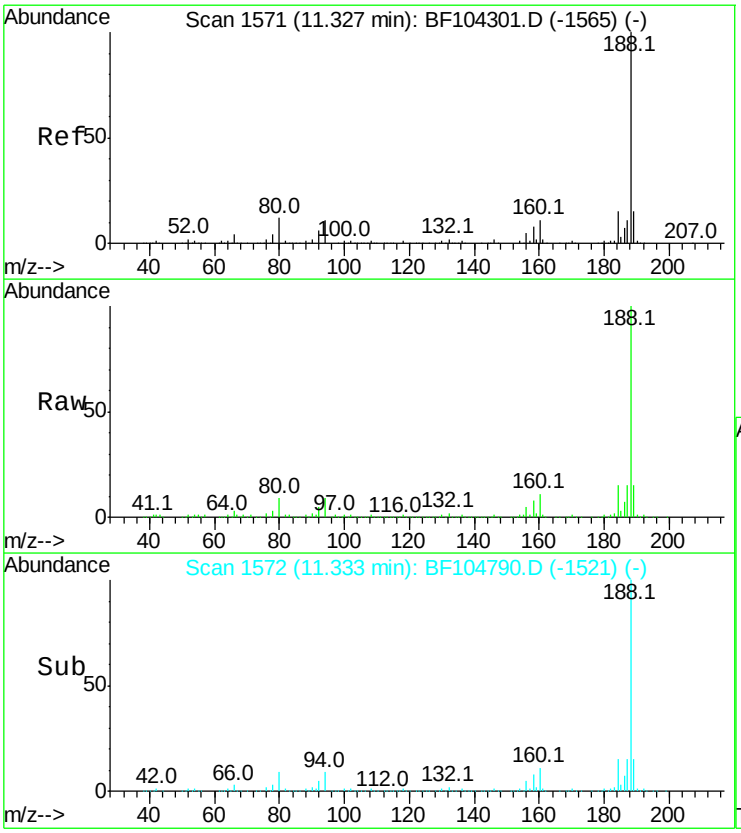
#49
Dimethylphthalate
Concen: 5.405 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 101555

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

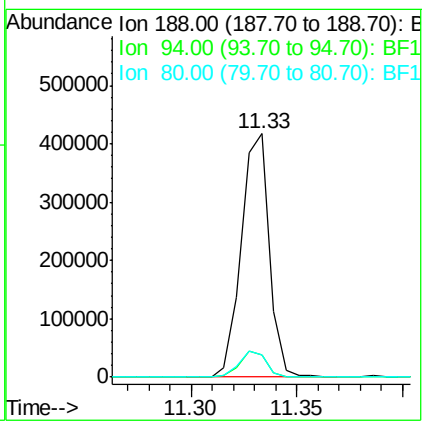


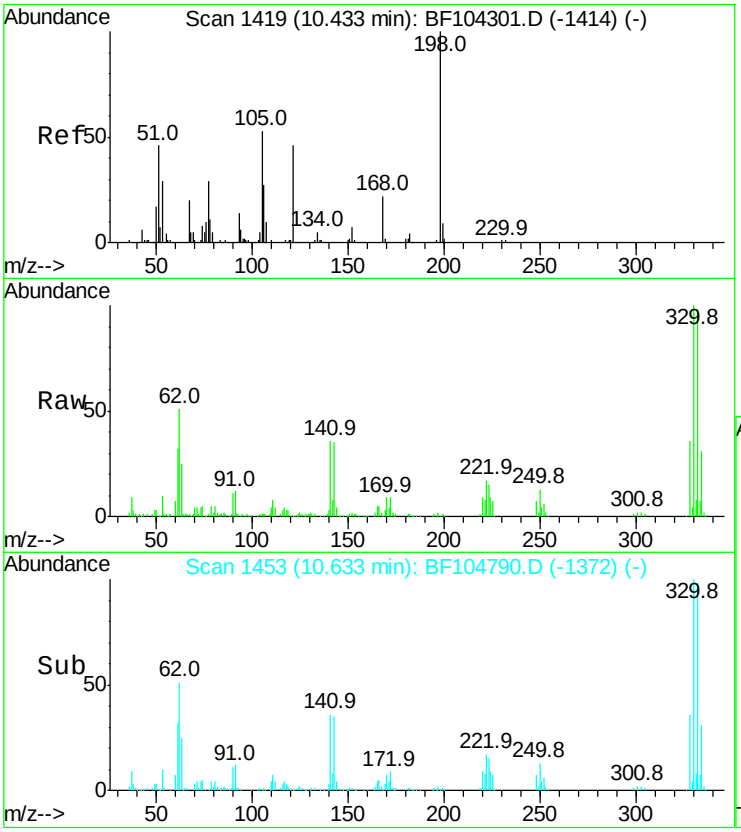


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:188 Resp: 383968

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.4	9.2	13.8



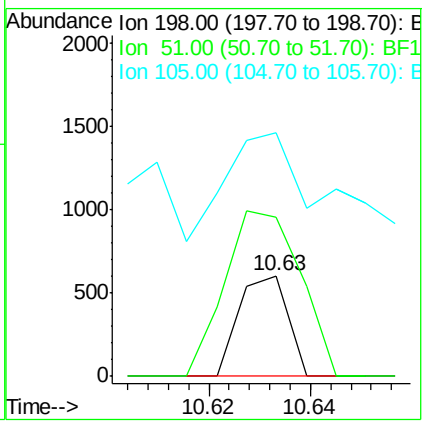


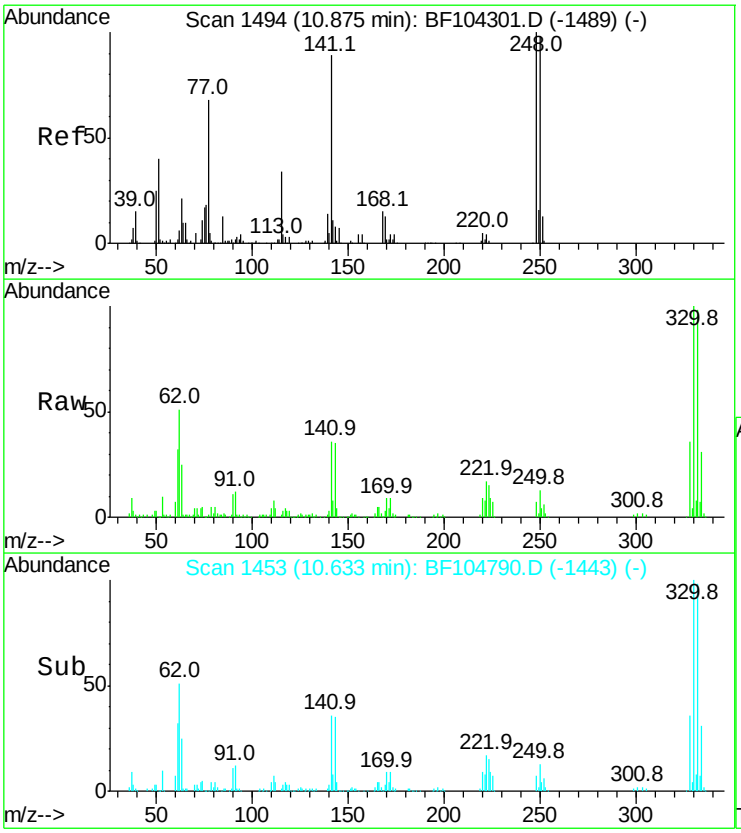
#64
4,6-Dinitro-2-methylphenol
Concen: 7.530 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 403

Ion	Ratio	Lower	Upper
198	100		
51	159.1	37.7	77.7#
105	242.9	36.3	76.3#

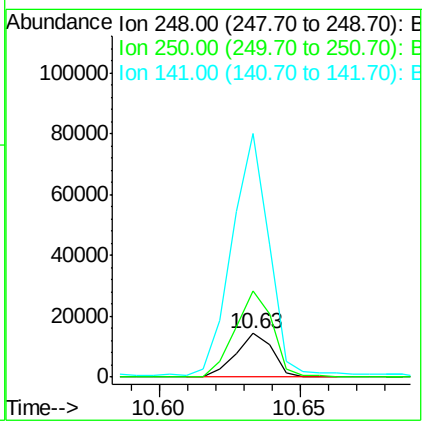


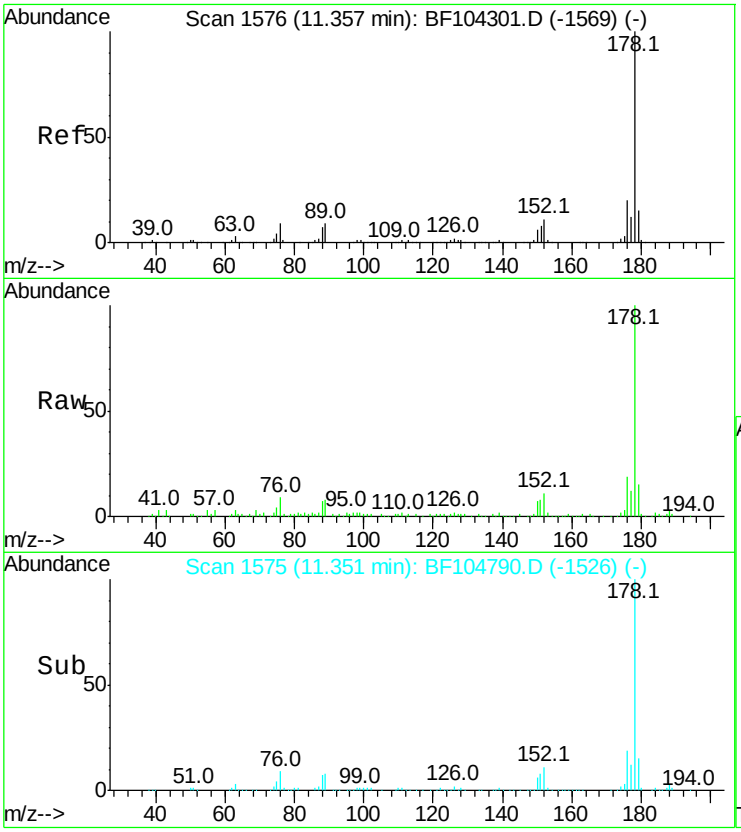


#66
4-Bromophenyl-phenylether
Concen: 3.173 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:248 Resp: 12960

Ion	Ratio	Lower	Upper
248	100		
250	196.0	76.9	115.3#
141	557.5	74.4	111.6#



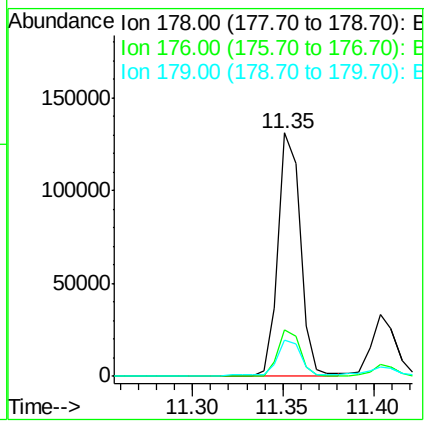


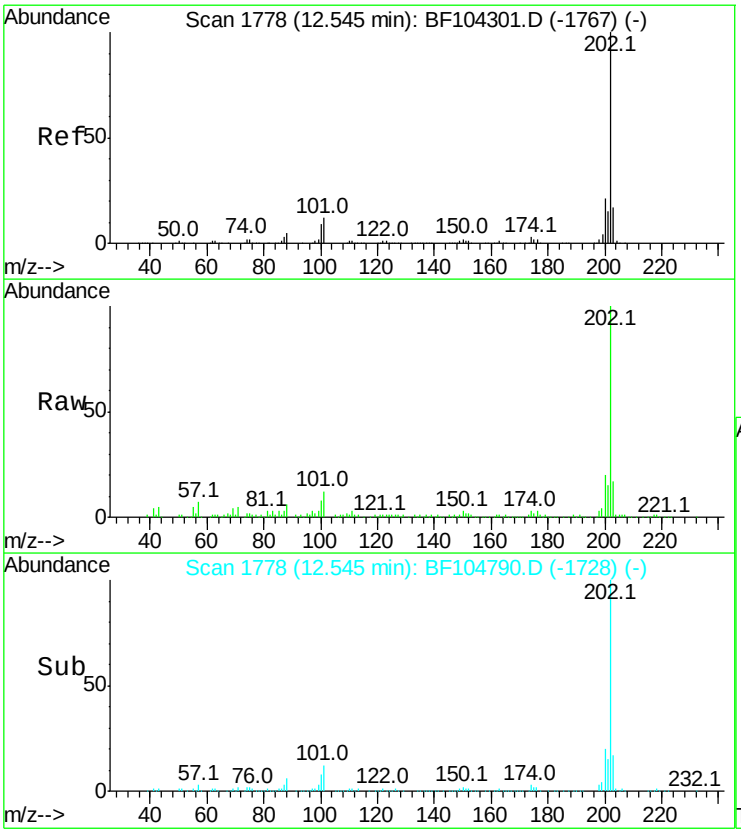
#70
Phenanthrene
Concen: 5.303 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 113404

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.1	13.0	19.6

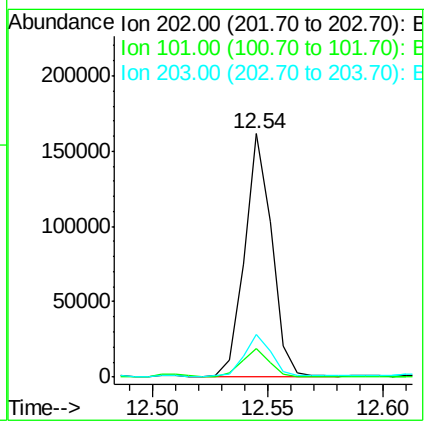


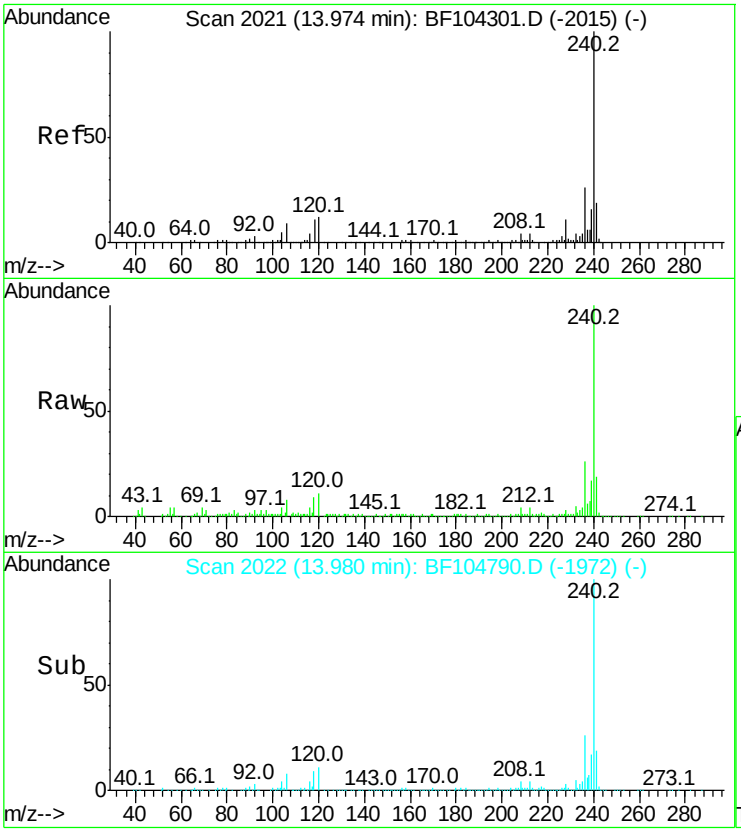


#74
Fluoranthene
Concen: 5.914 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:202 Resp: 132114

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.5	0.0	38.1



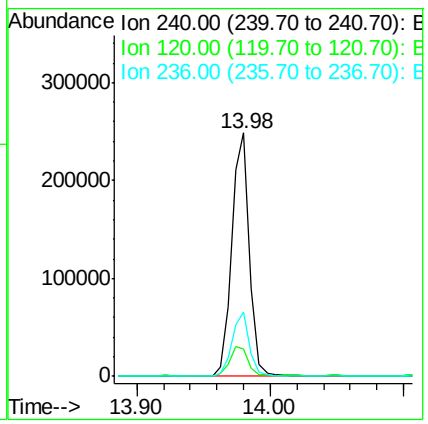


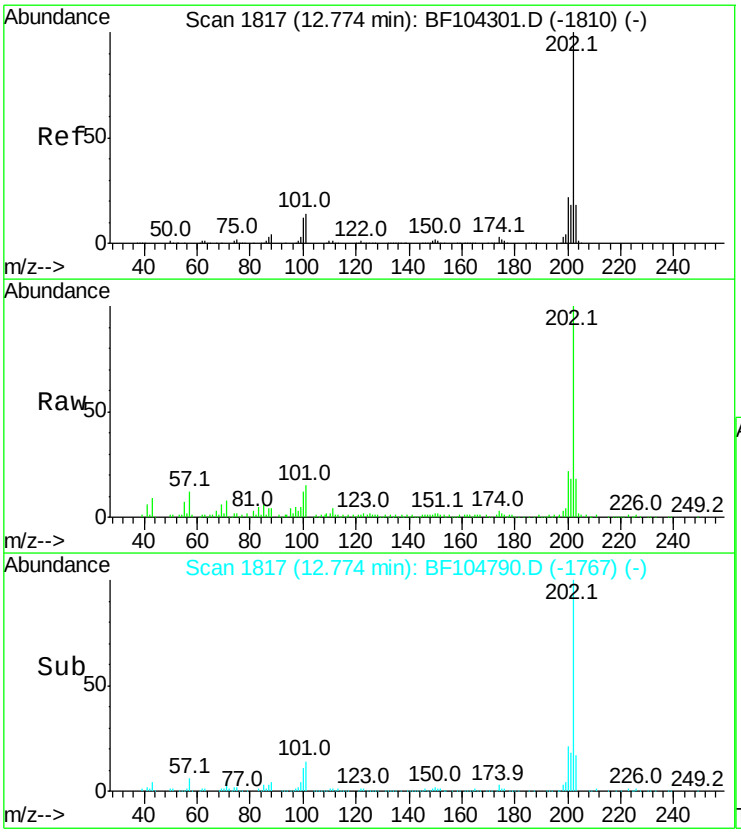
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 230965

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.3	20.7	31.1

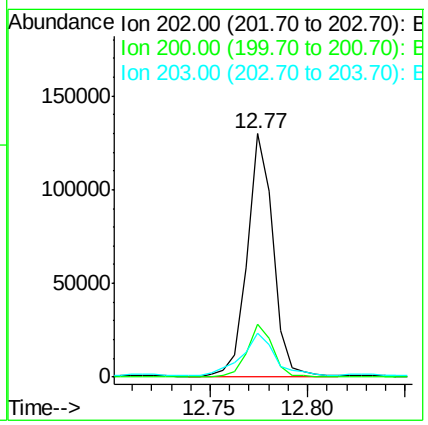


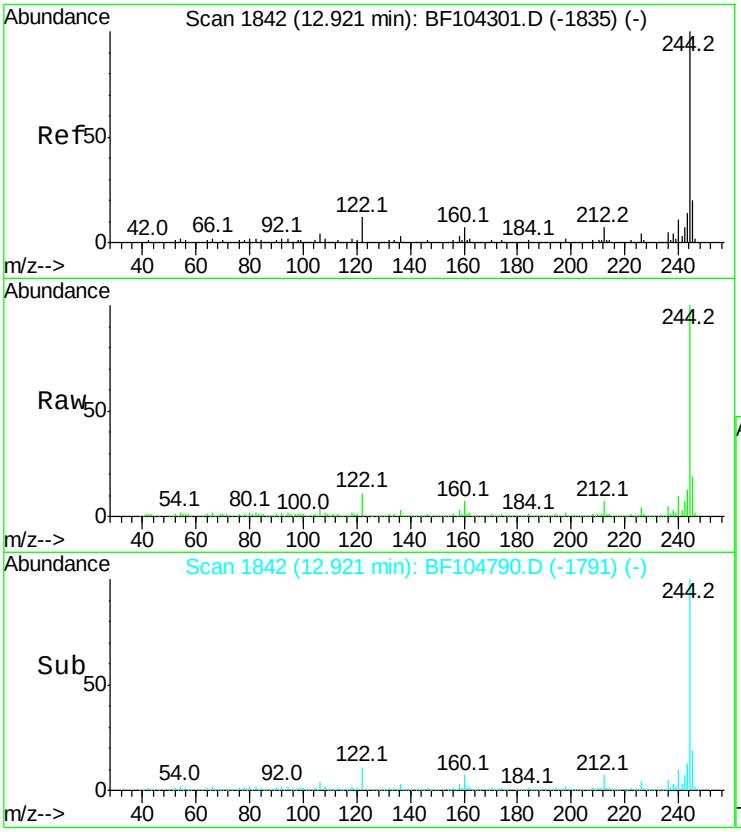


#77
Pyrene
Concen: 7.038 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:202 Resp: 120495

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.1	14.3	21.5



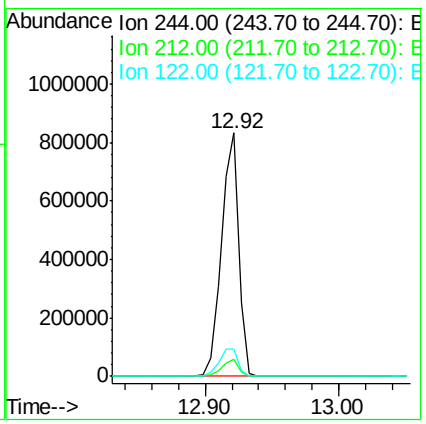


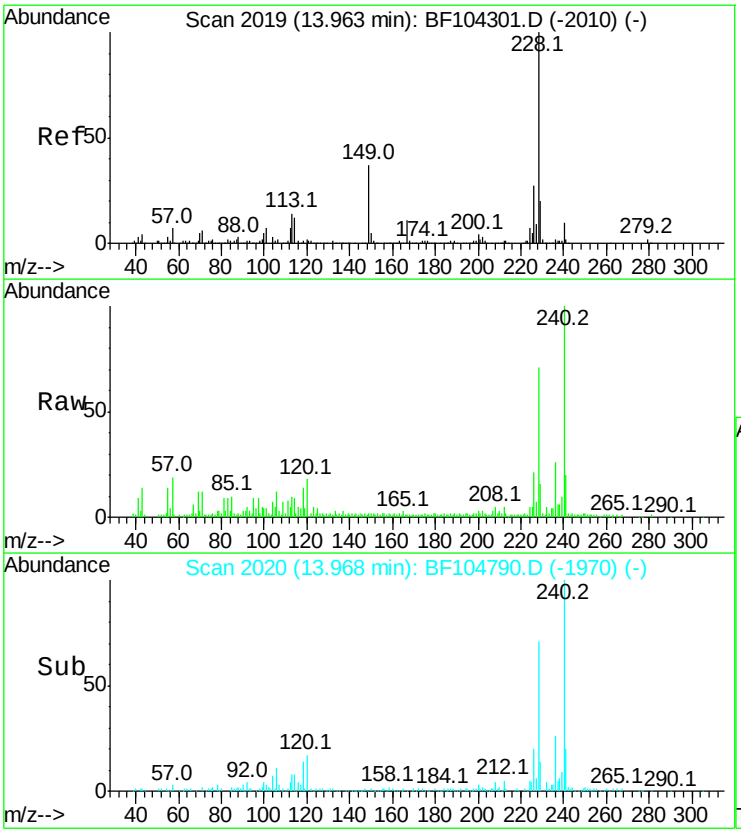
#78
Terphenyl-d14
Concen: 75.642 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 766312

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.1	11.0	16.4

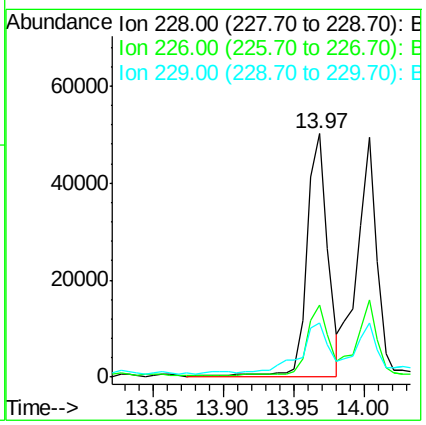


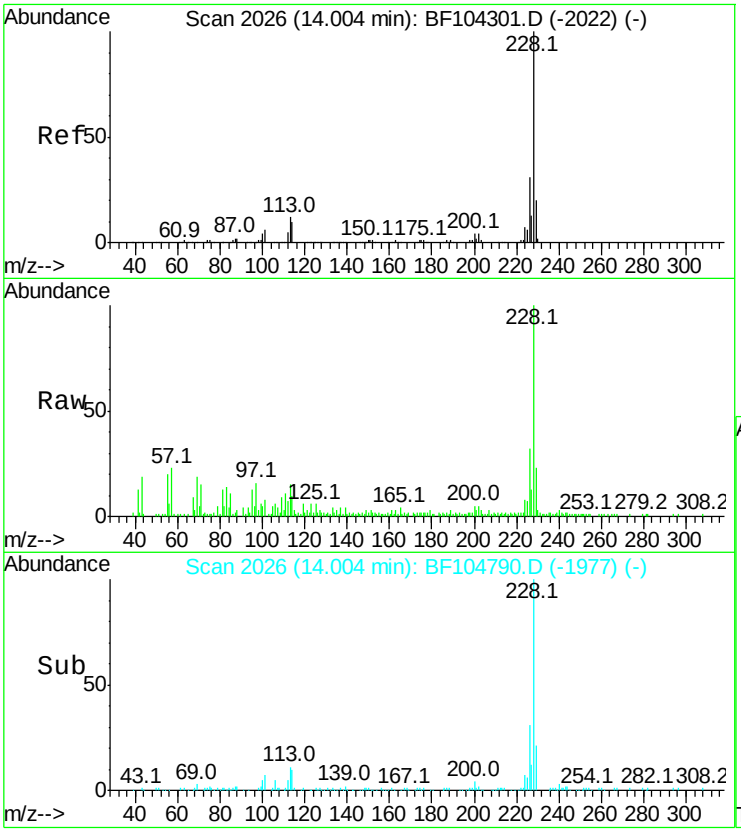


#80
Benzo(a)anthracene
Concen: 3.762 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:228 Resp: 51904

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	22.3	15.8	23.6



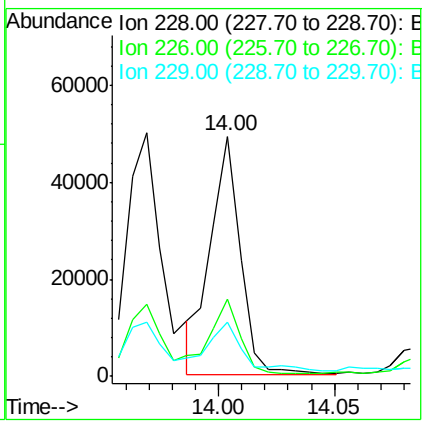


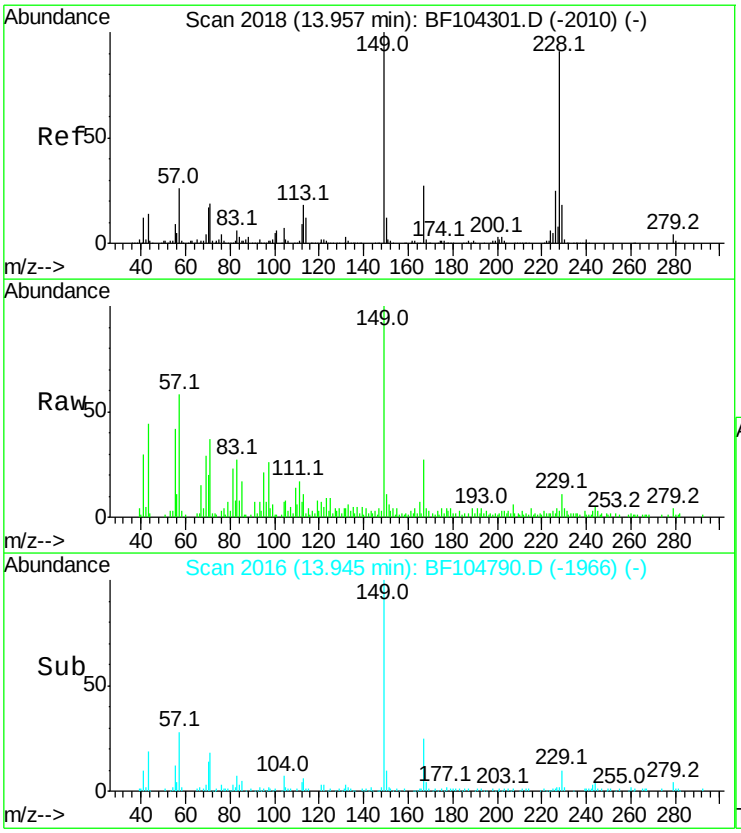
#82
Chrysene
Concen: 3.141 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 44514

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	22.6	16.2	24.4

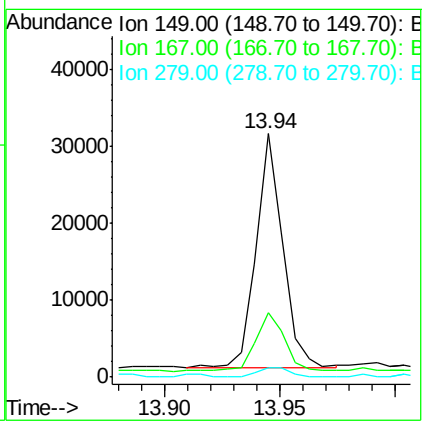


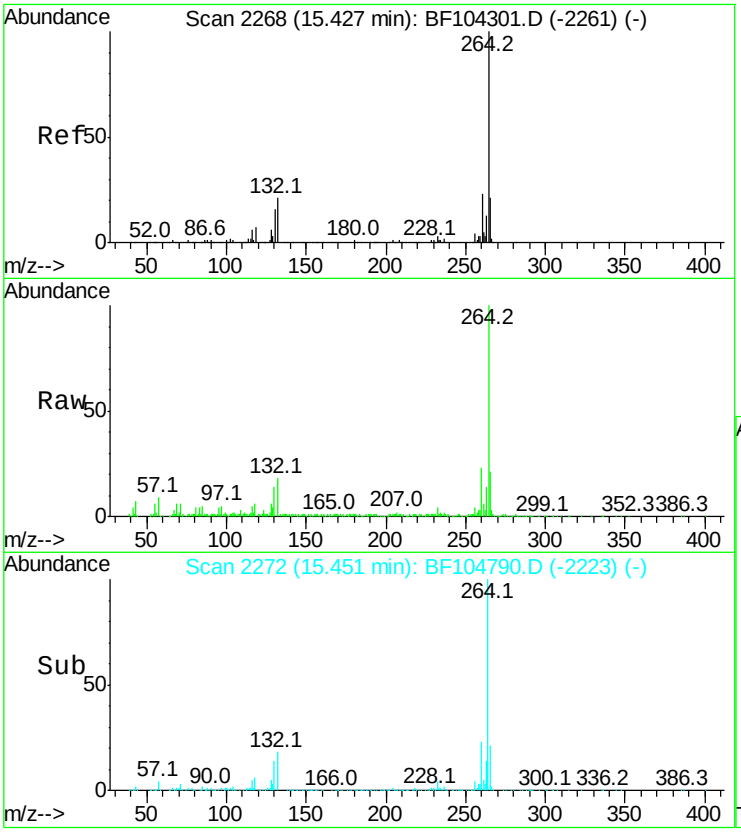


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.374 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:149 Resp: 24633

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.8	3.0	4.4



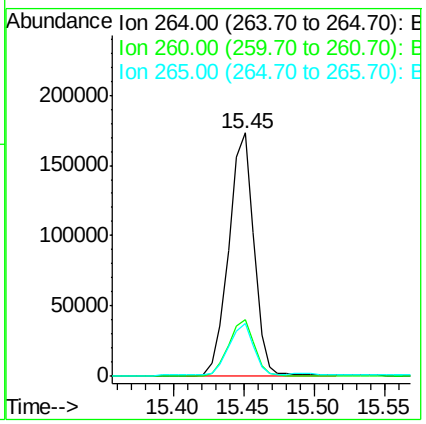


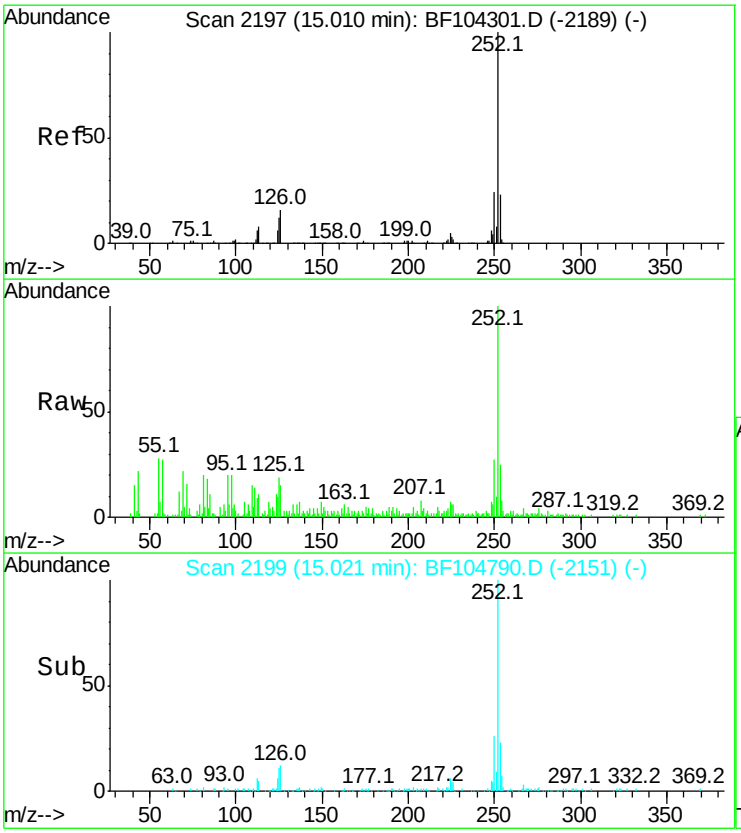
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 216794

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.5	26.3

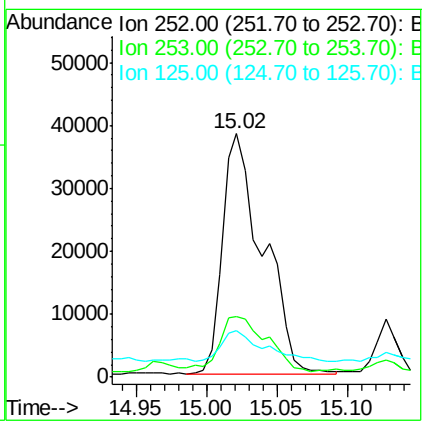


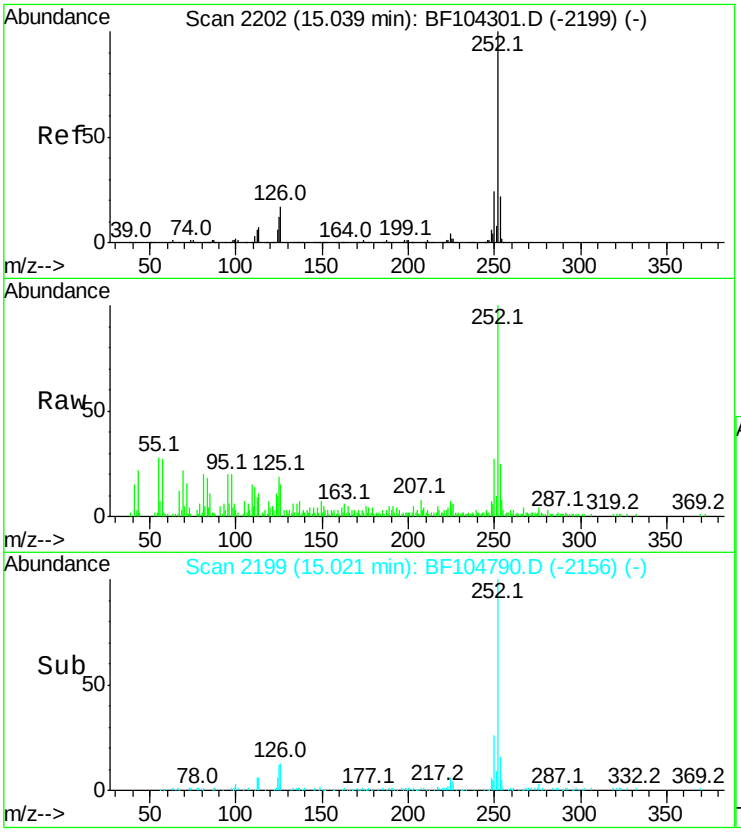


#87
Benzo(b)fluoranthene
Concen: 5.551 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:252 Resp: 76013

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	19.0	9.0	13.6#



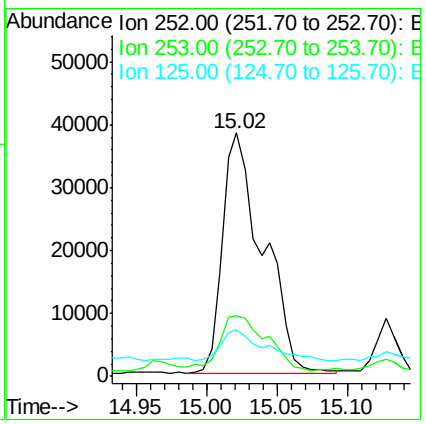


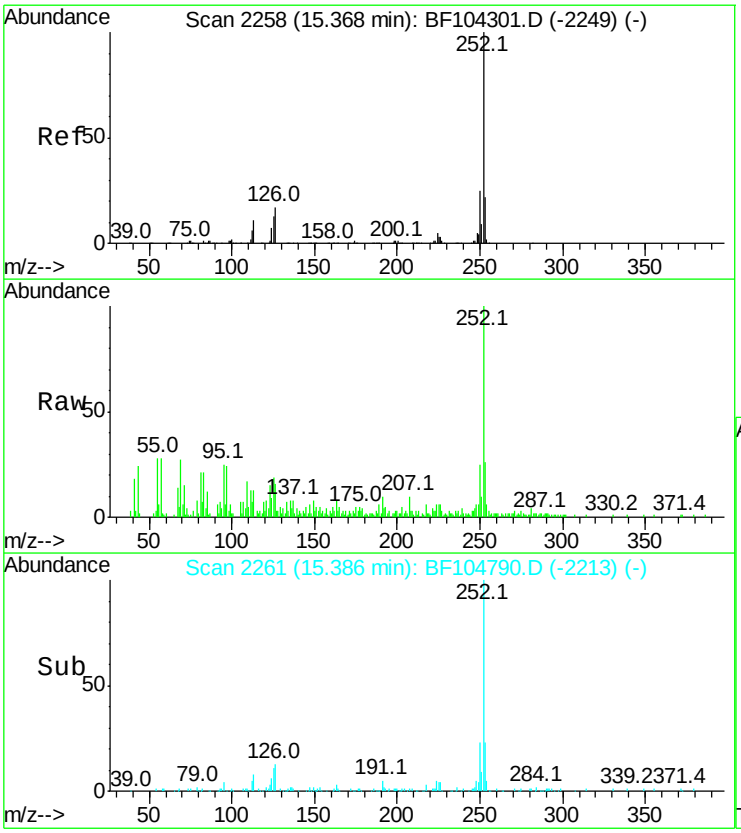
#88
Benzo(k)fluoranthene
Concen: 5.880 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.05 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 76013

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	19.0	10.2	15.2#

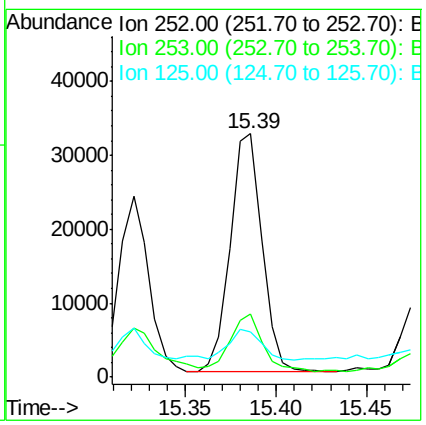


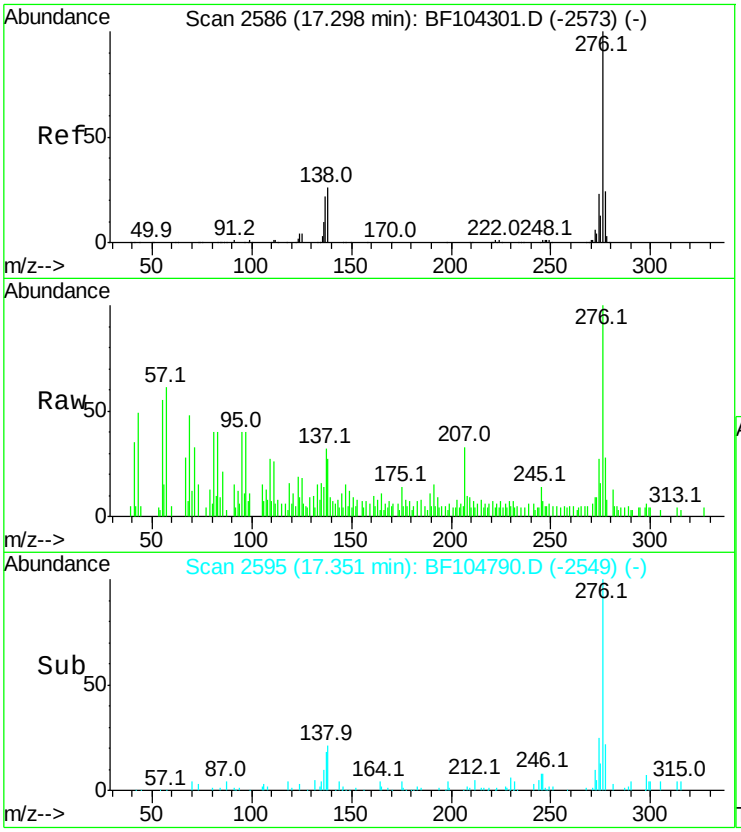


#89
Benzo(a)pyrene
Concen: 3.238 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Tgt Ion:252 Resp: 39675

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.1	25.7#
125	18.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.261 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.03 min
Lab File: BF104790.D
Acq: 25 Apr 2018 15:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 22045

Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	26.5	21.8	32.8