Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104450.D
Acq On : 12 Apr 2018 14:55
Operator : JU/SJ
Sample : J2165-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 12 17:08:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145719	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	577917	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	248018	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	372981	20.00	ng		0.00
75) Chrysene-d12	13.98	240	280965	20.00	ng		-0.01
86) Perylene-d12	15.45	264	227859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	931640	97.76	ng		0.01
7) Phenol-d6	6.45	99	1119719	95.63	ng		0.00
23) Nitrobenzene-d5	7.37	82	719120	81.25	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	234499	91.15	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1105341	70.40	ng		0.00
78) Terphenyl-d14	12.93	244	799300	64.86	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	2026	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.37	70	95537	12.486	ng	#	74
25) Isophorone	7.37	82	719112	38.423	ng	#	64
49) Dimethylphthalate	9.56	163	78634	4.021	ng		99
50) 2,6-Dinitrotoluene	9.85	165	32312	8.928	ng	#	25
56) 2,4-Dinitrotoluene	9.85	165	32312	6.807	ng	#	22
64) 4,6-Dinitro-2-methylphenol	10.64	198	288	7.481	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	13950	3.516	ng	#	1
70) Phenanthrene	11.36	178	64628	3.111	ng		98
74) Fluoranthene	12.55	202	112569	5.187	ng		97
76) Benzidine	12.93	184	11366	Below Cal			98
77) Pyrene	12.78	202	107835	5.178	ng		98
80) Benzo(a)anthracene	13.97	228	55143	3.285	ng		97
82) Chrysene	14.00	228	57380	3.328	ng		96
87) Benzo(b)fluoranthene	15.02	252	86540	6.013	ng	#	85
88) Benzo(k)fluoranthene	15.02	252	86540	6.370	ng	#	88
89) Benzo(a)pyrene	15.39	252	42013	3.263	ng	#	86
91) Benzo(g,h,i)perylene	17.34	276	24391	2.381	ng	#	93

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

Quantitation Report (Not Reviewed)

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ALS Vial : 6 Sample Multiplier: 1

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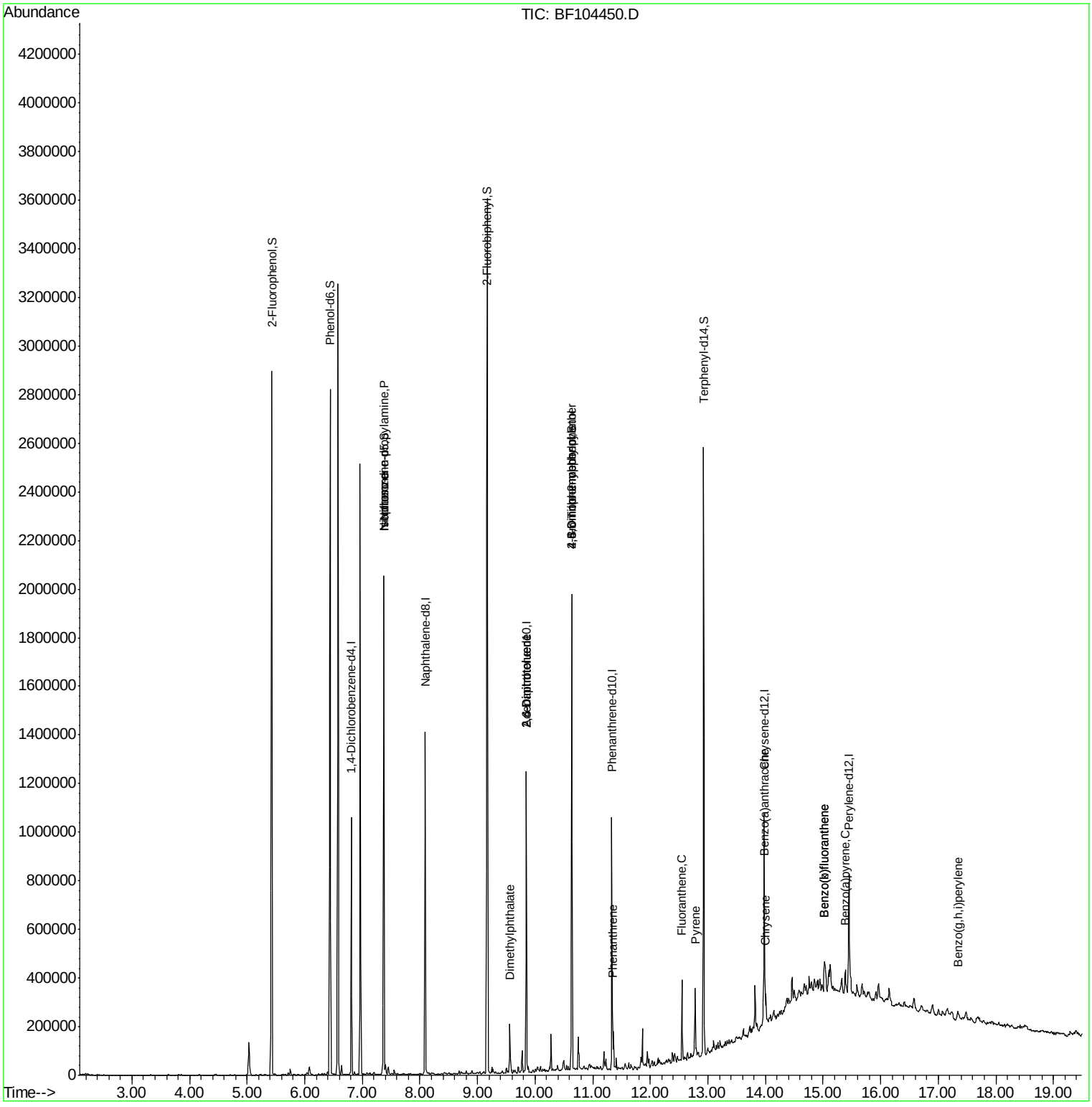
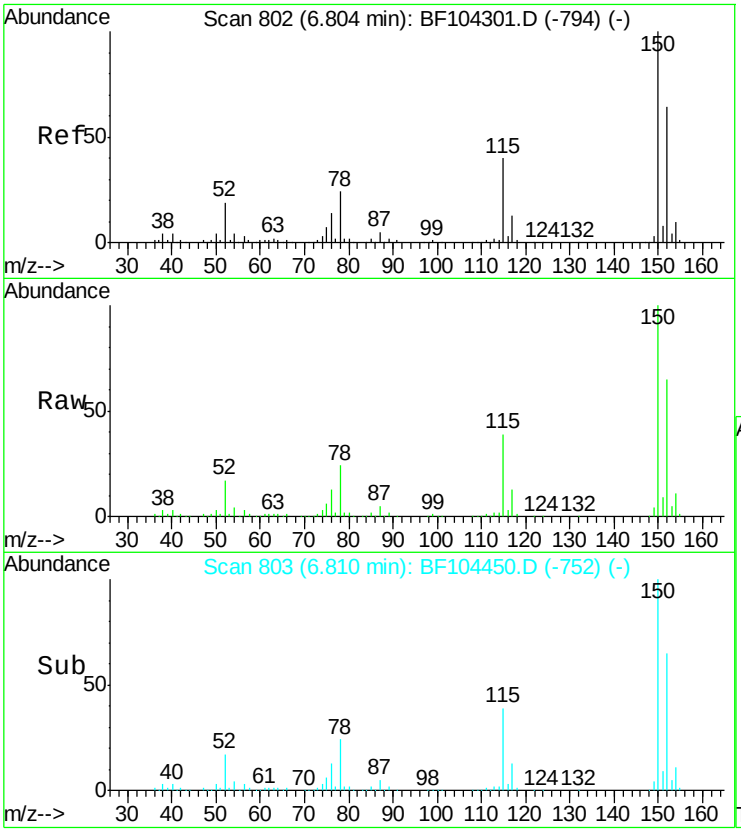
ClientSampleId :

Quant Time: Apr 12 17:08:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration



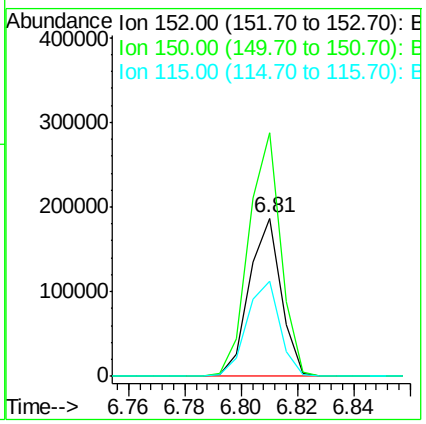


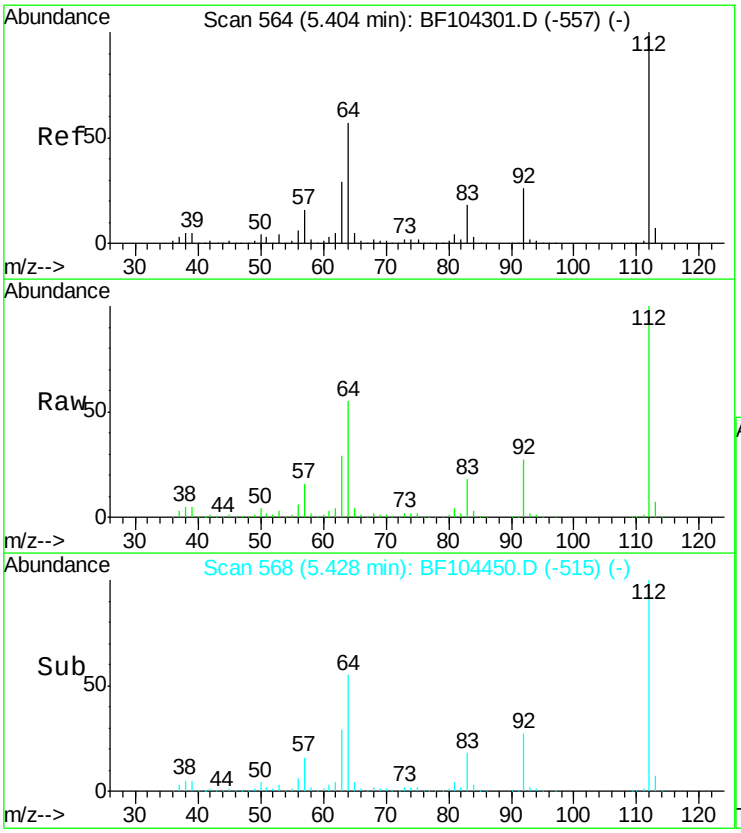
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145719

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	60.4	50.1	75.1

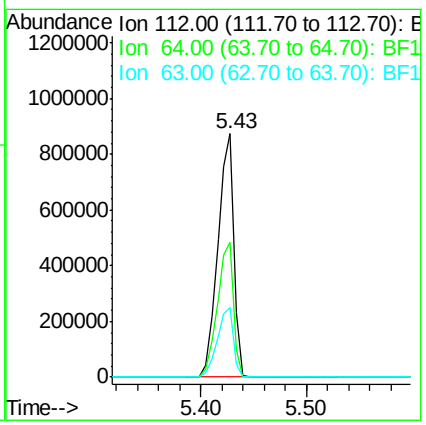


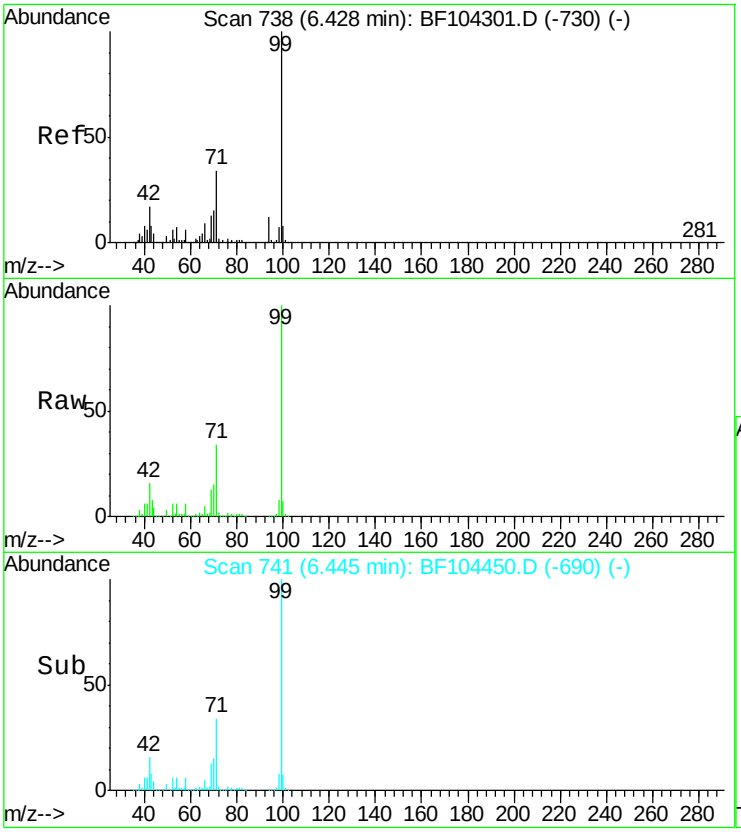


#5
2-Fluorophenol
Concen: 97.759 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:112 Resp: 931640

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	28.6	23.7	35.5



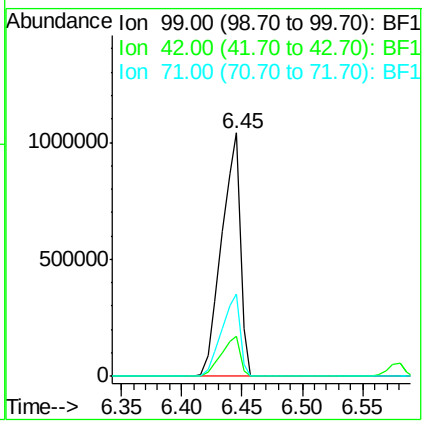


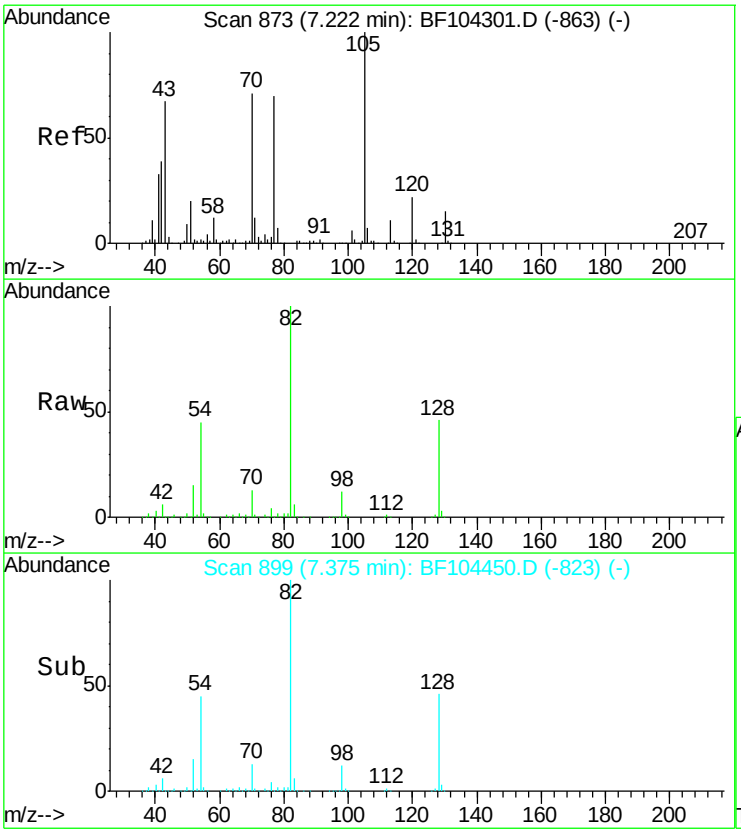
#7
Phenol-d6
Concen: 95.627 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1119719

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	34.1	25.4	38.0

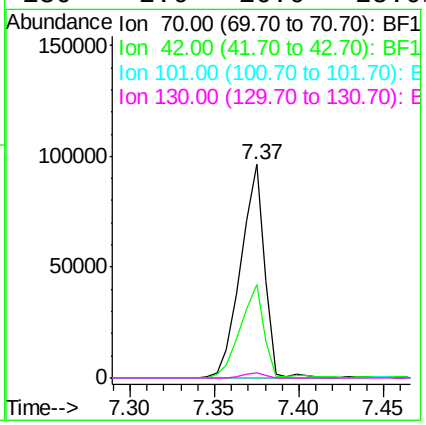


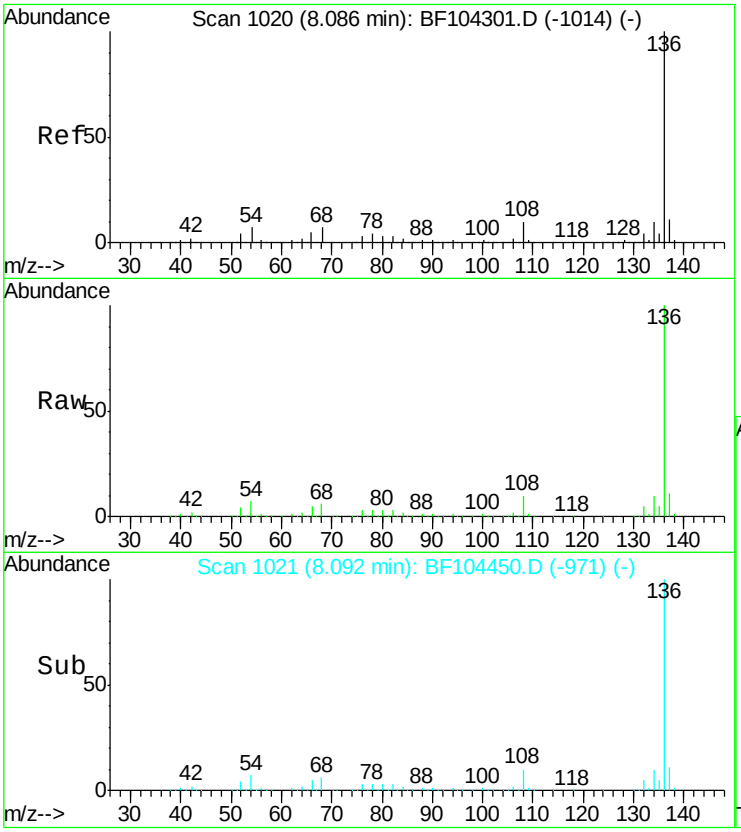


#19
n-Nitroso-di-n-propylamine
Concen: 12.486 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion: 70 Resp: 95537

Ion	Ratio	Lower	Upper
70	100		
42	43.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



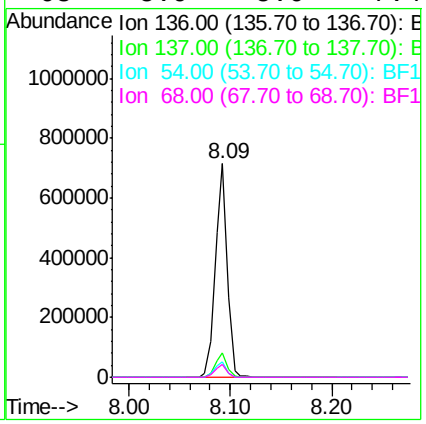


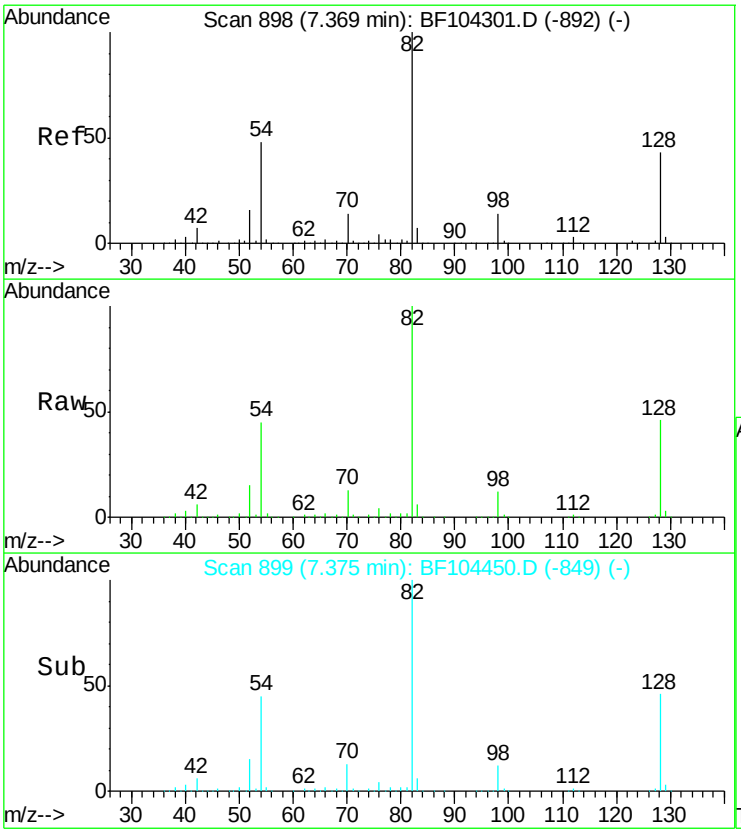
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 577917

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.0	6.6	9.8
68	5.9	5.0	7.4

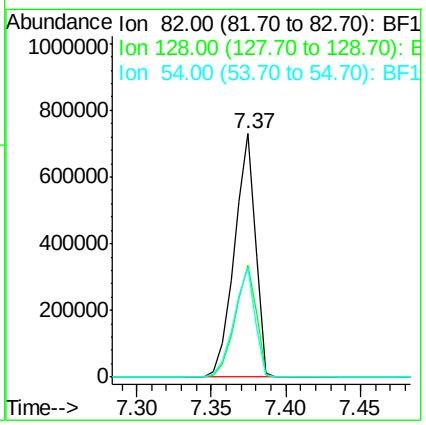


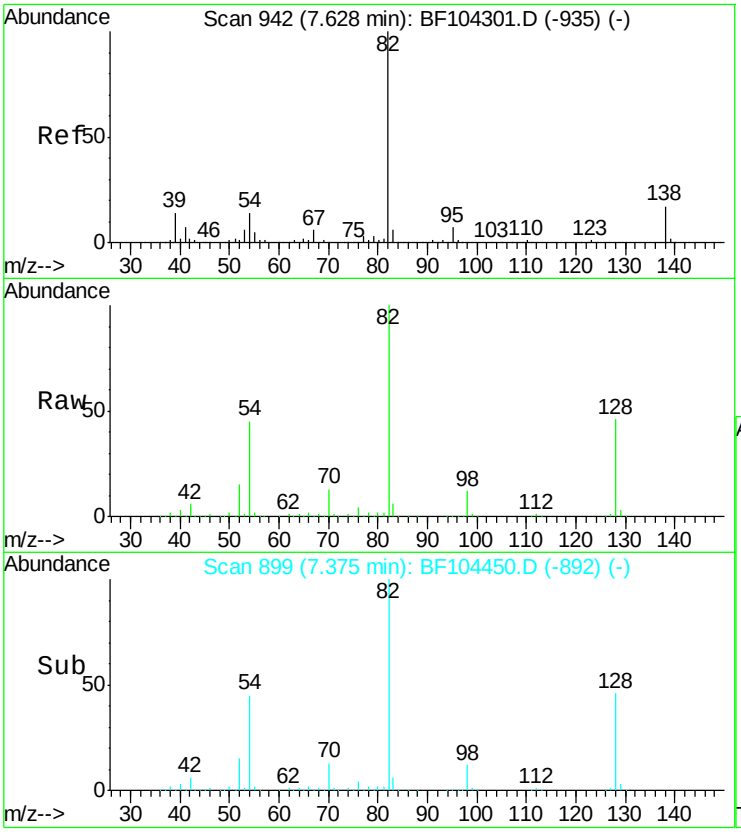


#23
Nitrobenzene-d5
Concen: 81.252 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion: 82 Resp: 719120

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	45.0	41.4	62.2



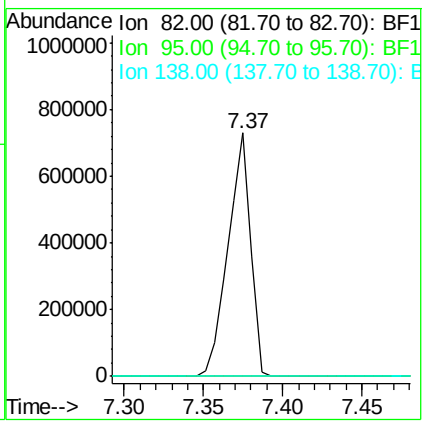


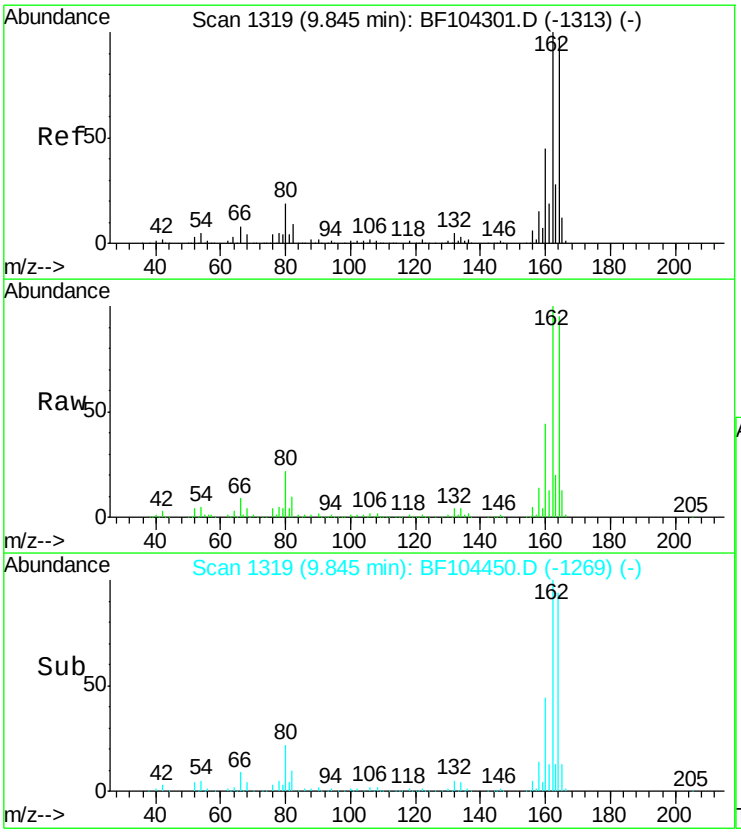
#25
Isophorone
Concen: 38.423 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 719112

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

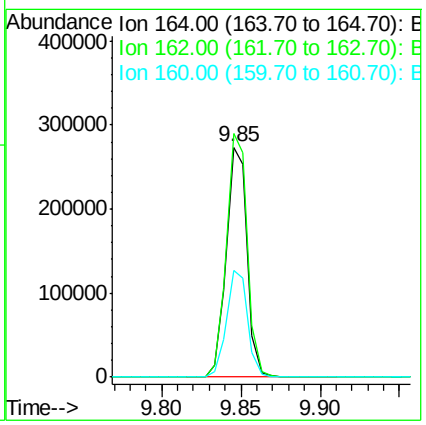


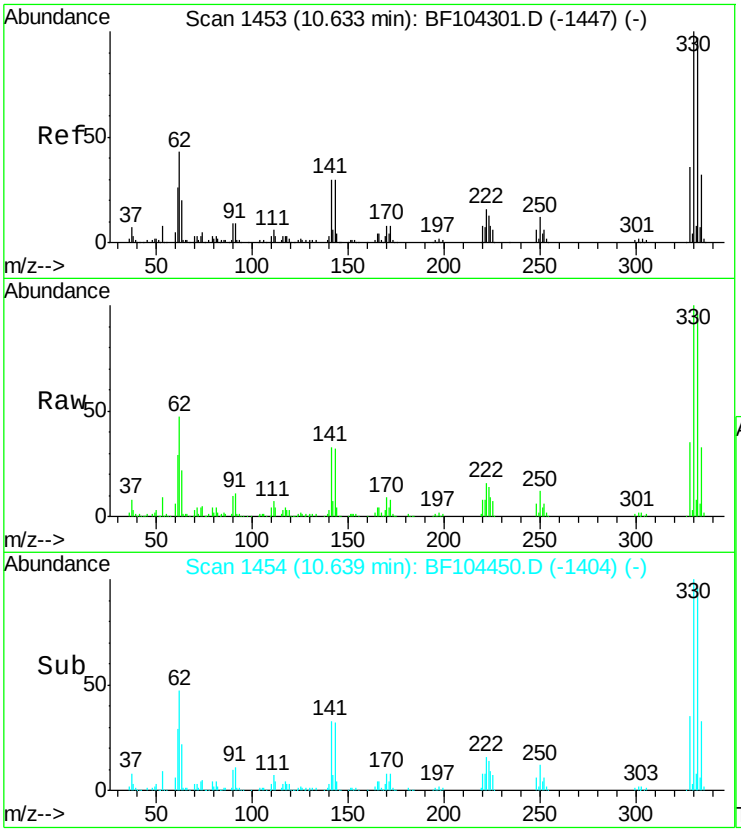


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:164 Resp: 248018

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.6	38.3	57.5



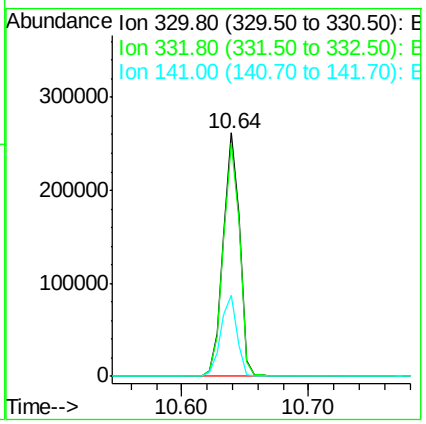


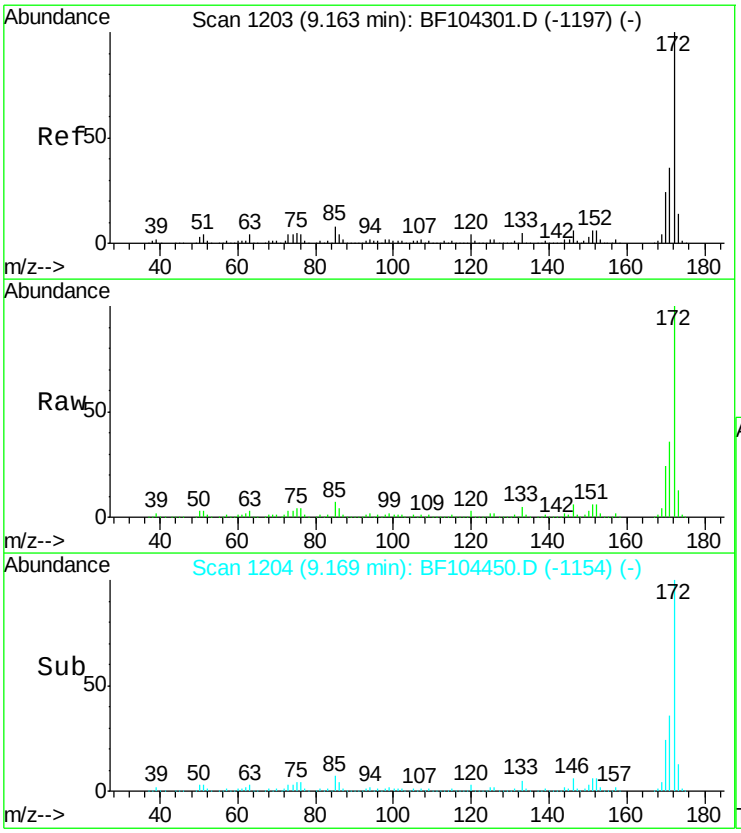
#41
2,4,6-Tribromophenol
Concen: 91.147 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 234499

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.5	29.9	44.9

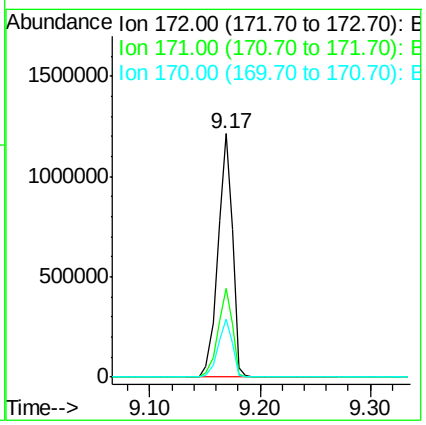


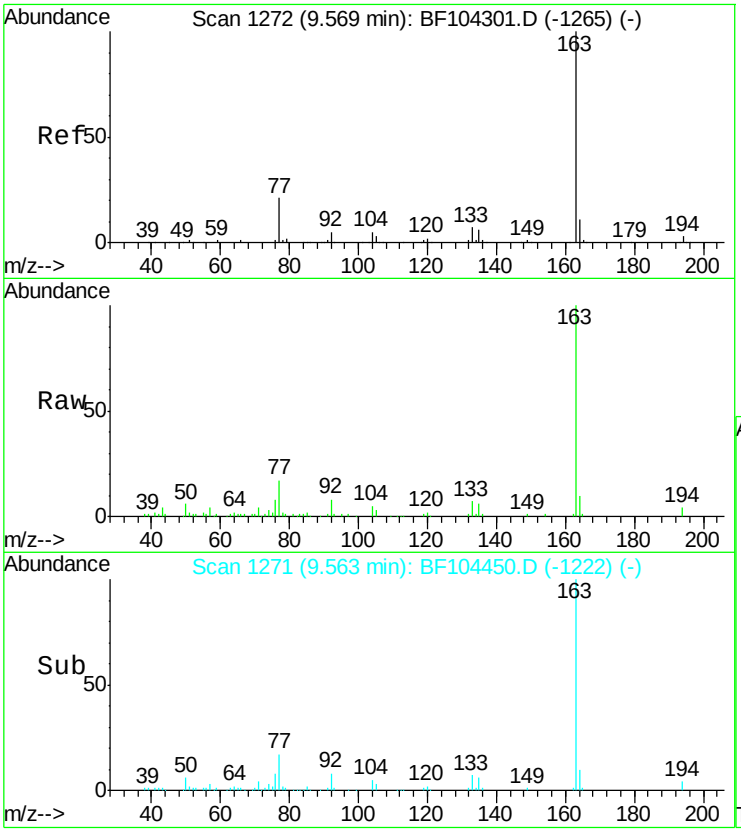


#44
2-Fluorobiphenyl
Concen: 70.405 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:172 Resp: 1105341

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4



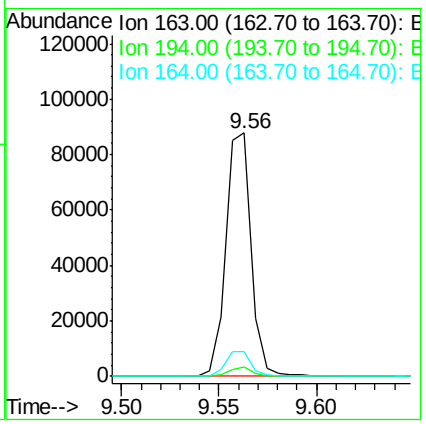


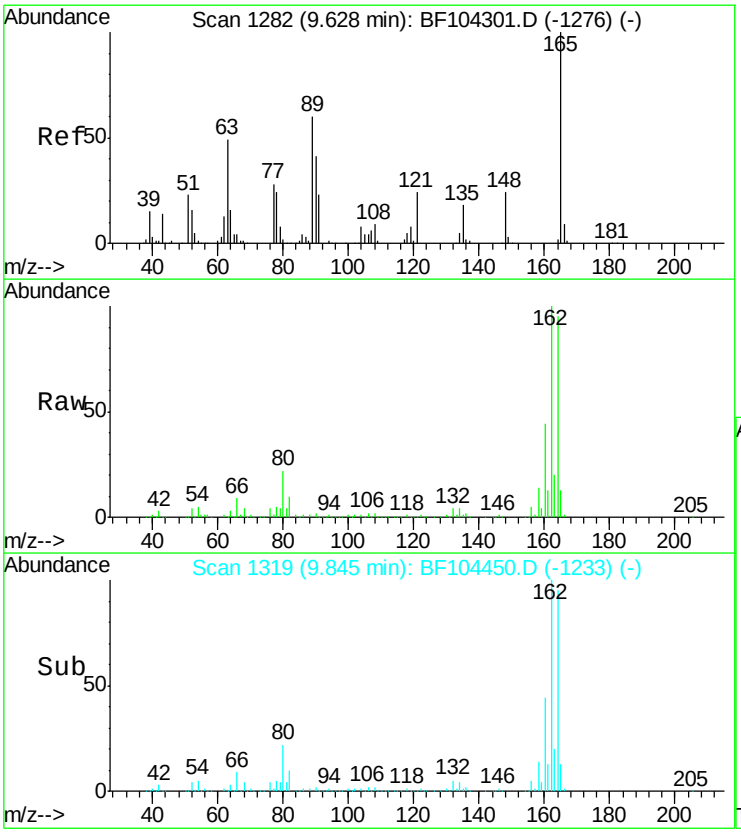
#49
Dimethylphthalate
Concen: 4.021 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 78634

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2

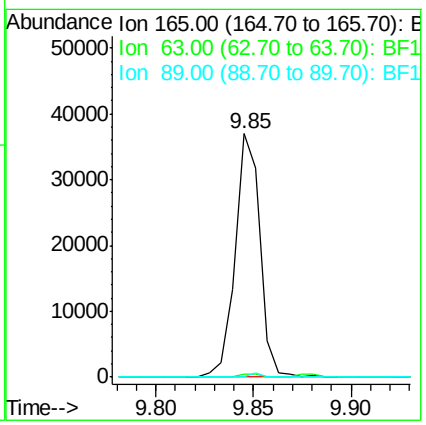


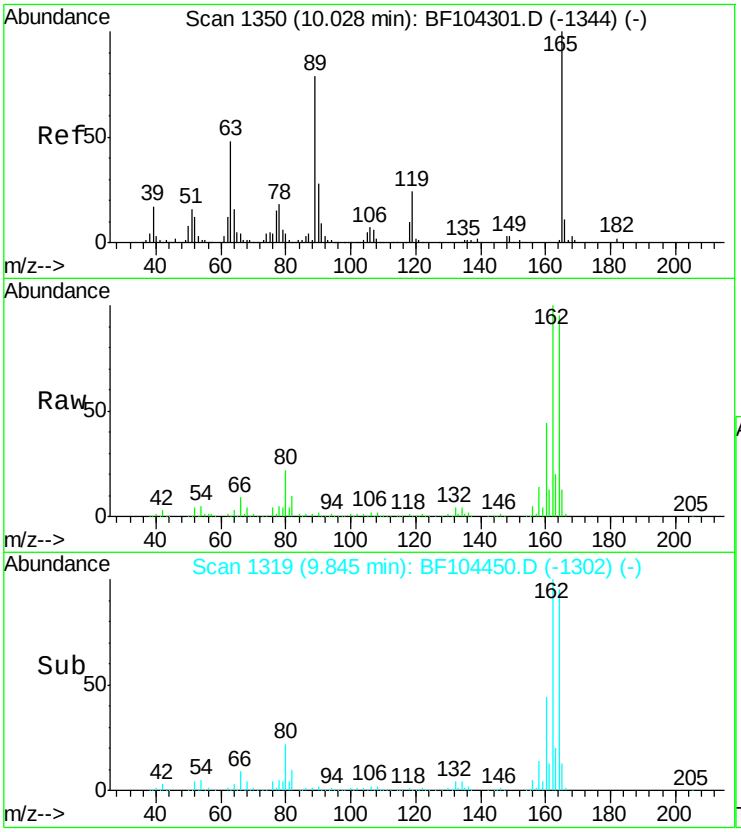


#50
2,6-Dinitrotoluene
Concen: 8.928 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:165 Resp: 32312

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#



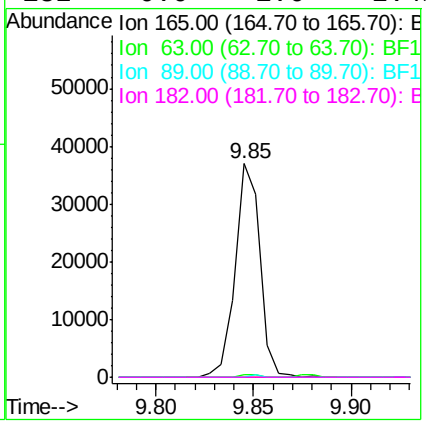


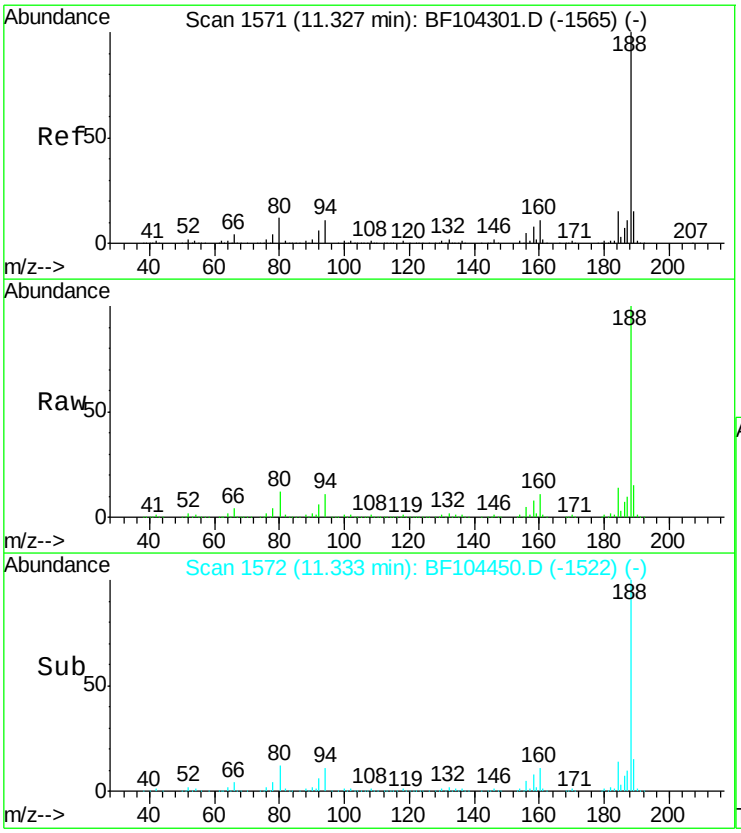
#56
2,4-Dinitrotoluene
Concen: 6.807 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32312

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

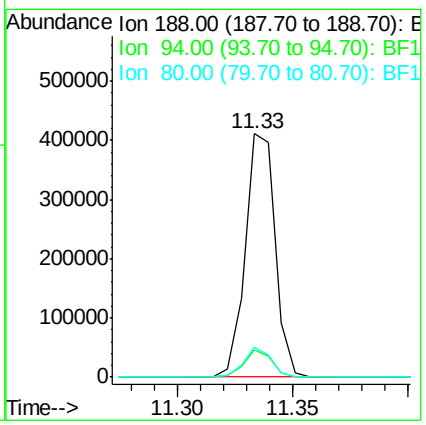


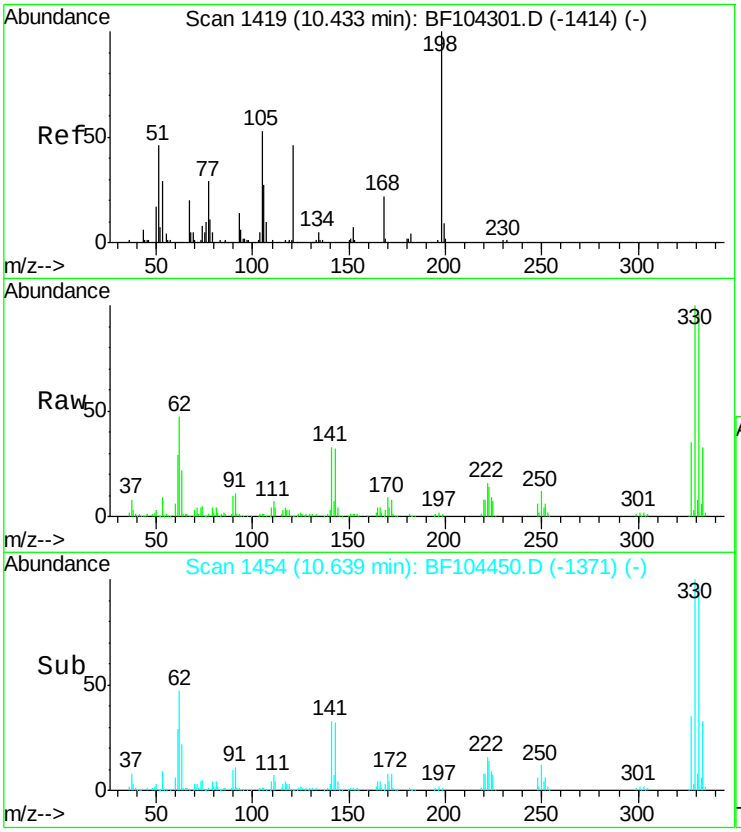


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:188 Resp: 372981

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.1	9.2	13.8



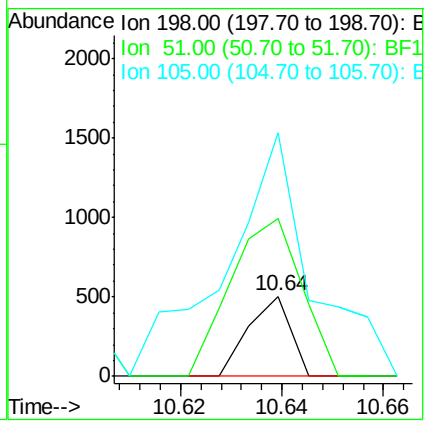


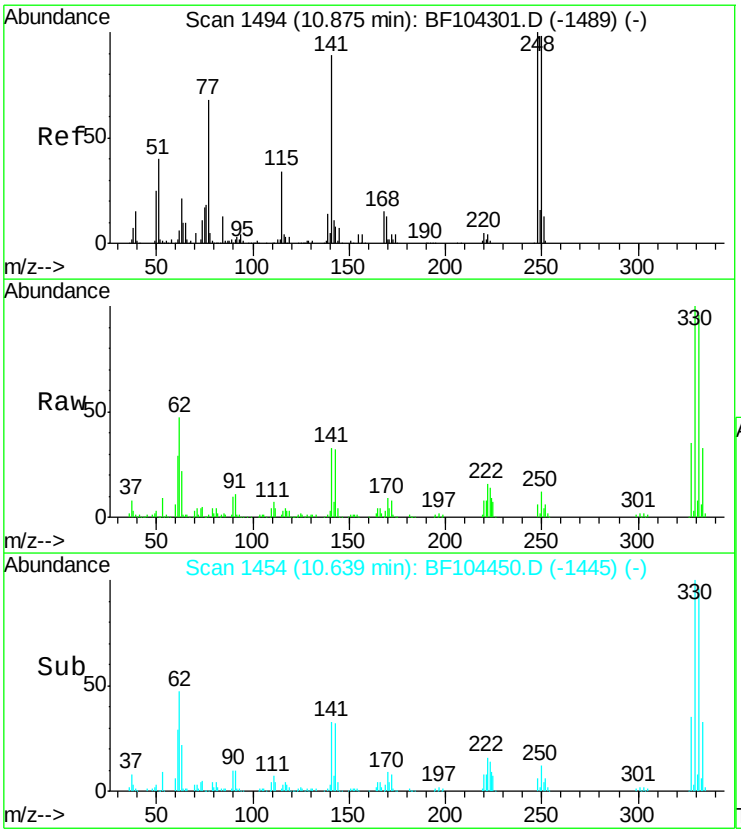
#64
4,6-Dinitro-2-methylphenol
Concen: 7.481 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 288

Ion	Ratio	Lower	Upper
198	100		
51	197.4	37.7	77.7#
105	304.2	36.3	76.3#

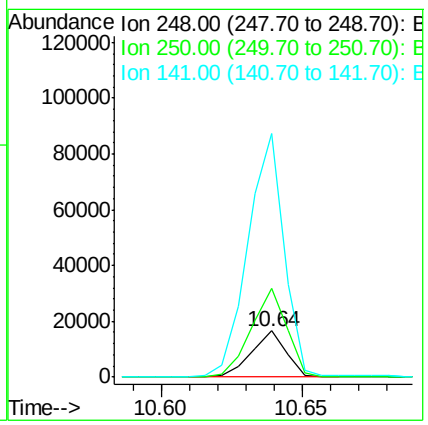


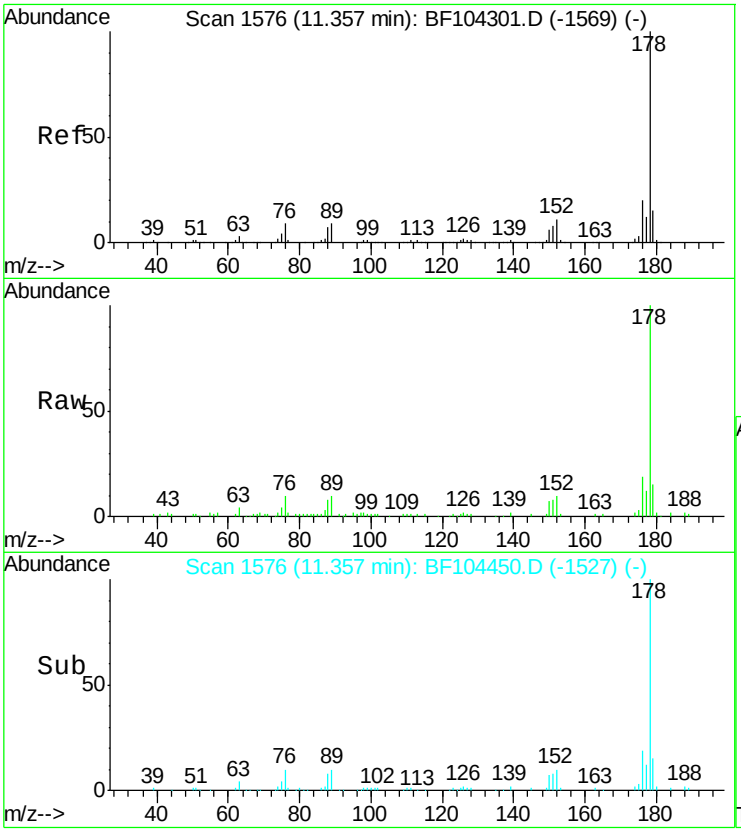


#66
4-Bromophenyl-phenylether
Concen: 3.516 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:248 Resp: 13950

Ion	Ratio	Lower	Upper
248	100		
250	193.4	76.9	115.3#
141	530.3	74.4	111.6#



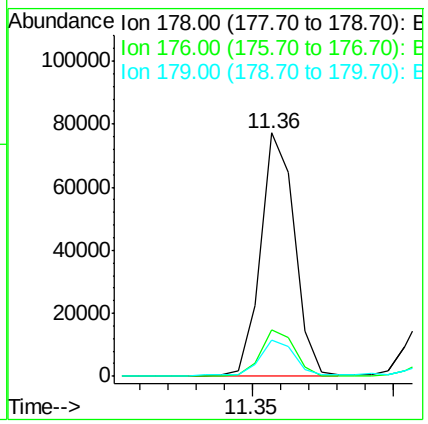


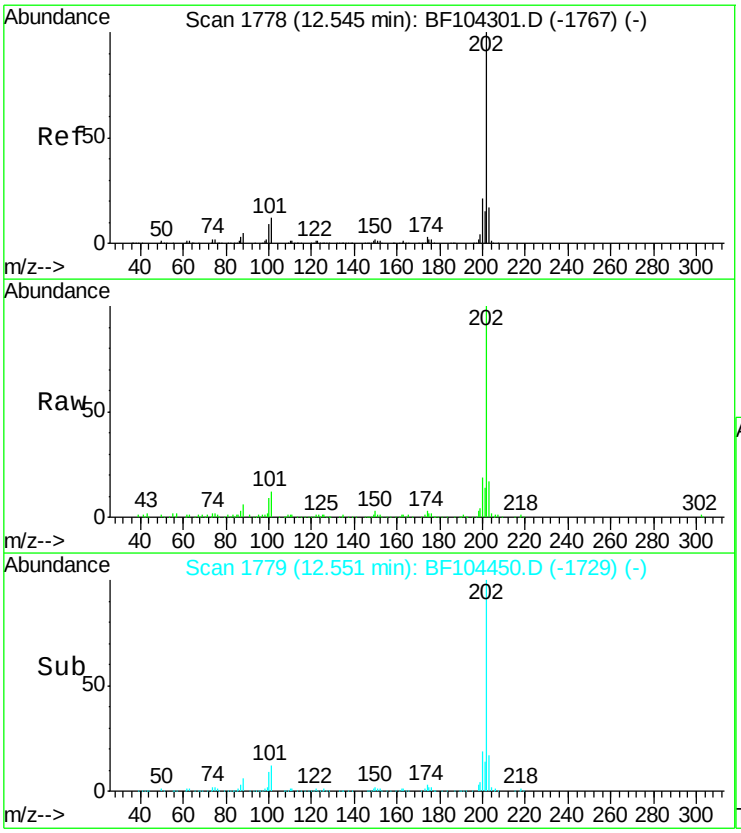
#70
Phenanthrene
Concen: 3.111 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 64628

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.0	13.0	19.6

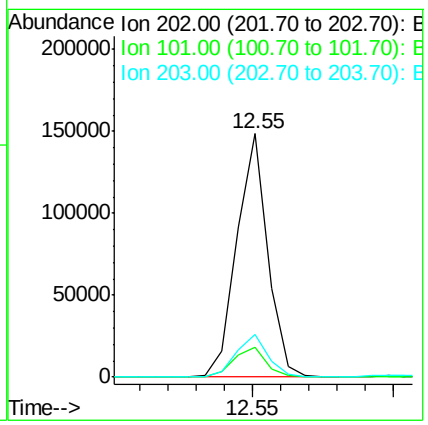


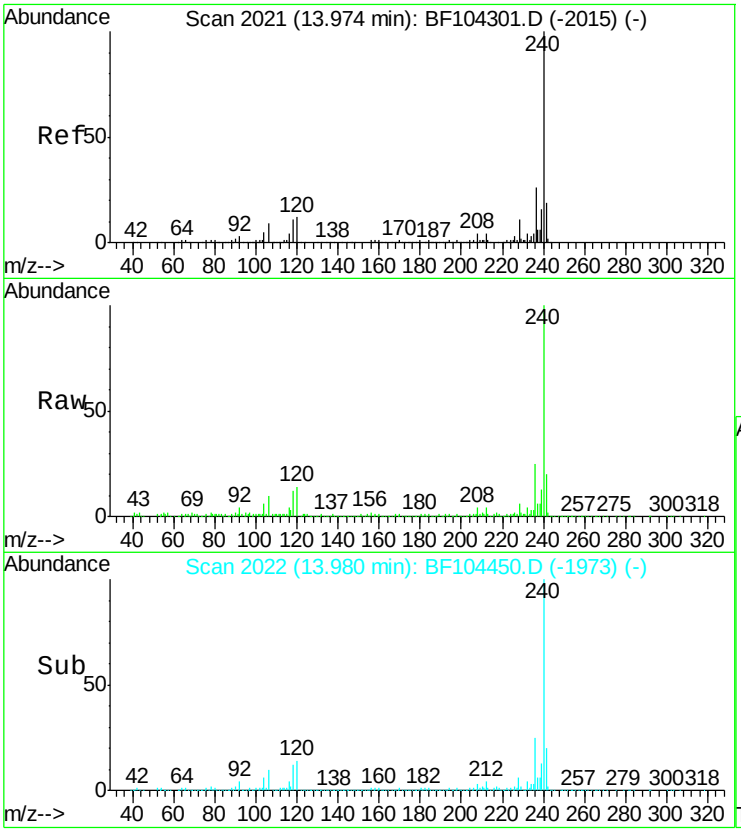


#74
Fluoranthene
Concen: 5.187 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:202 Resp: 112569

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.5	0.0	38.1



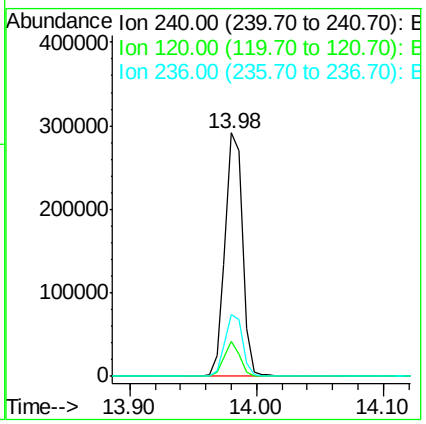


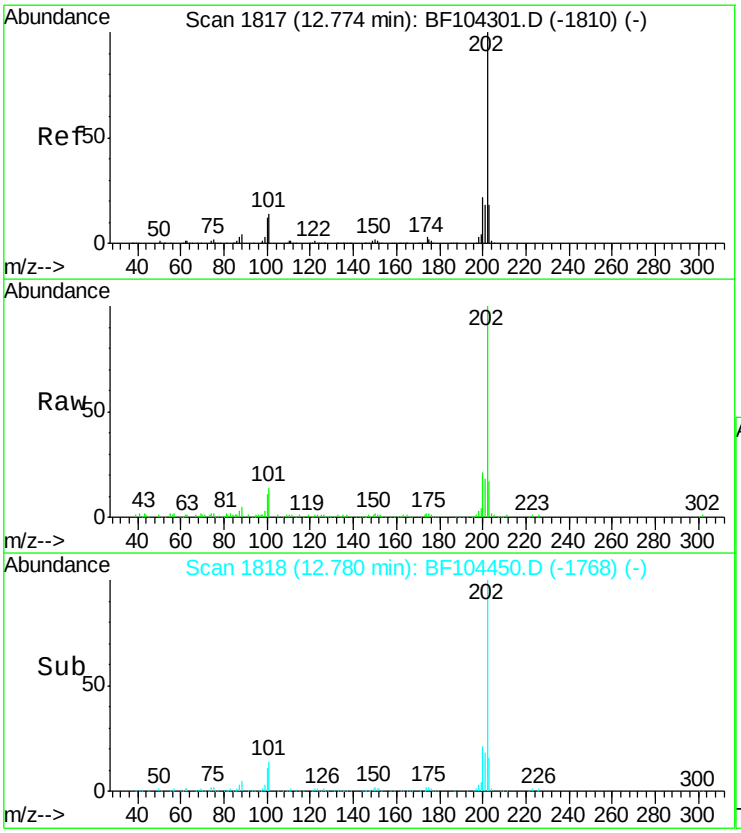
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 280965

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.3	20.7	31.1

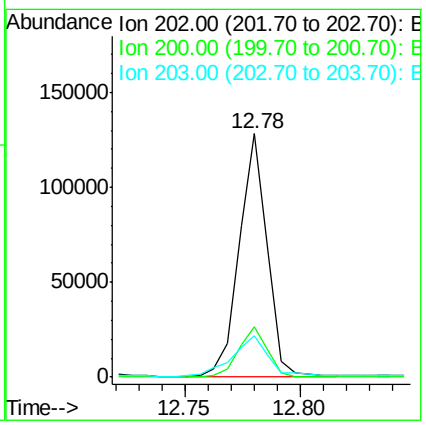


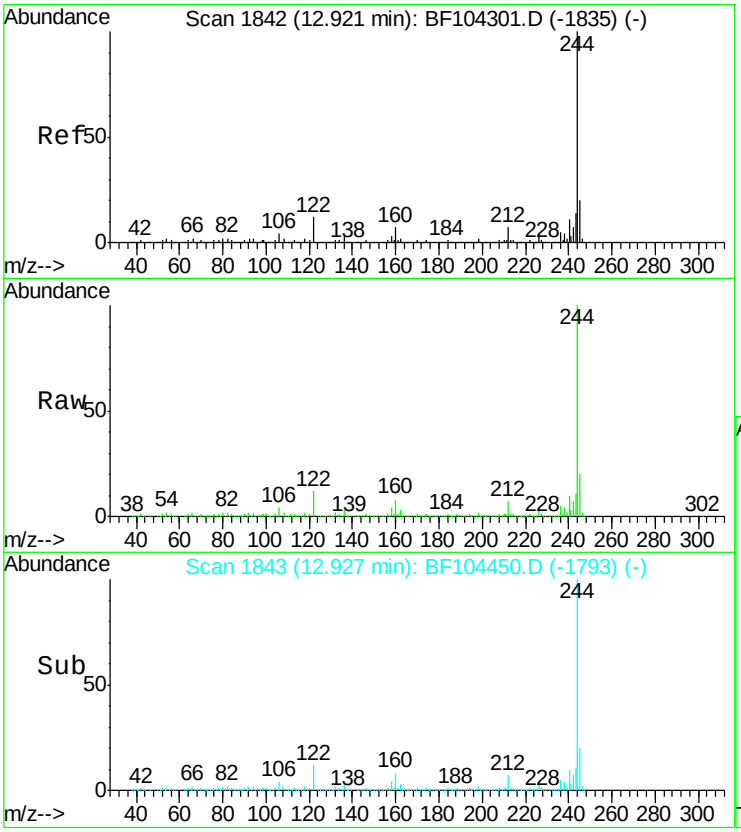


#77
Pyrene
Concen: 5.178 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:202 Resp: 107835

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.2	14.3	21.5



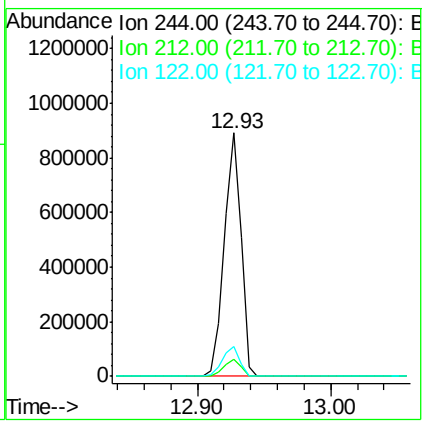


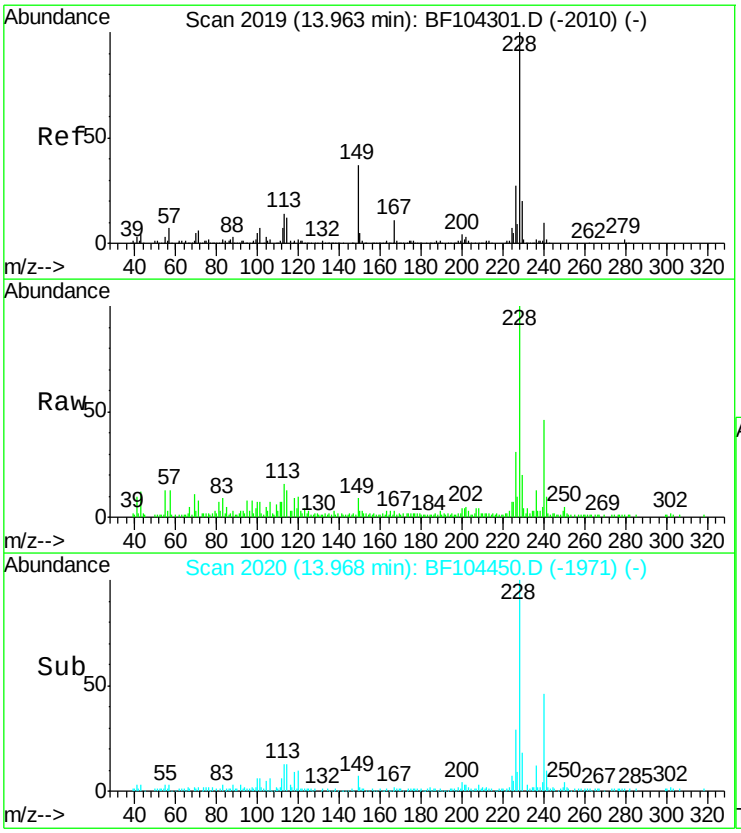
#78
Terphenyl-d14
Concen: 64.857 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 799300

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4

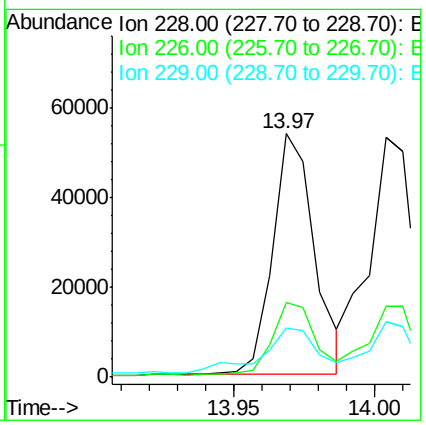


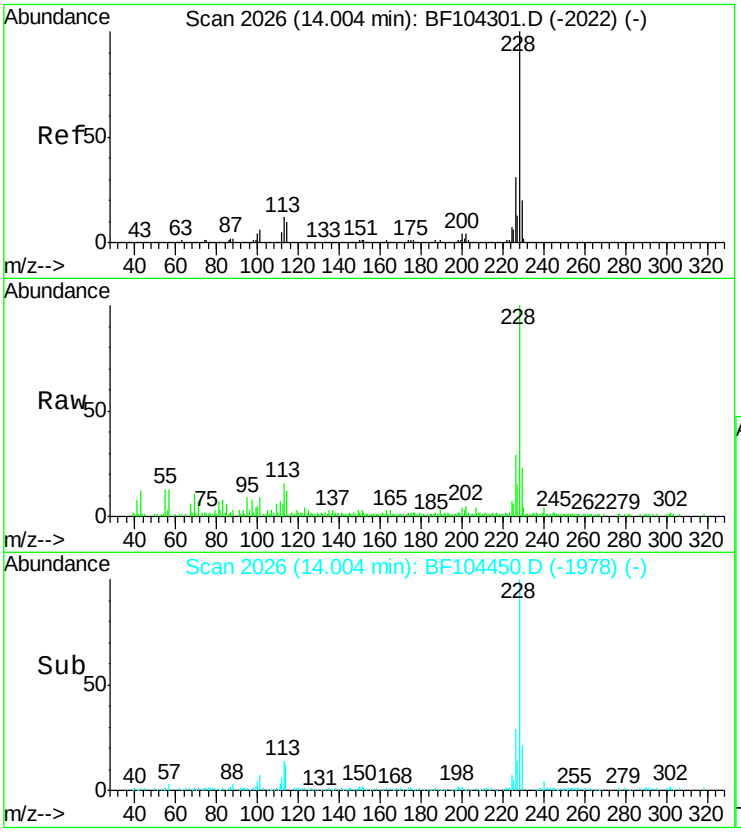


#80
Benzo(a)anthracene
Concen: 3.285 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:228 Resp: 55143

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	20.4	15.8	23.6



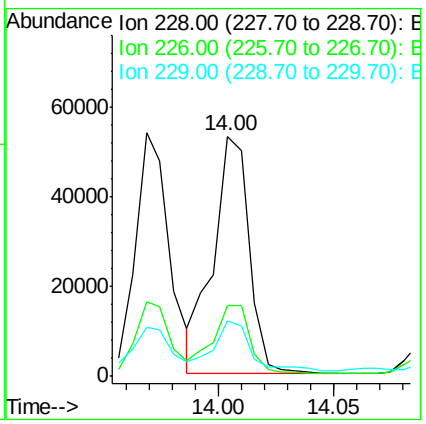


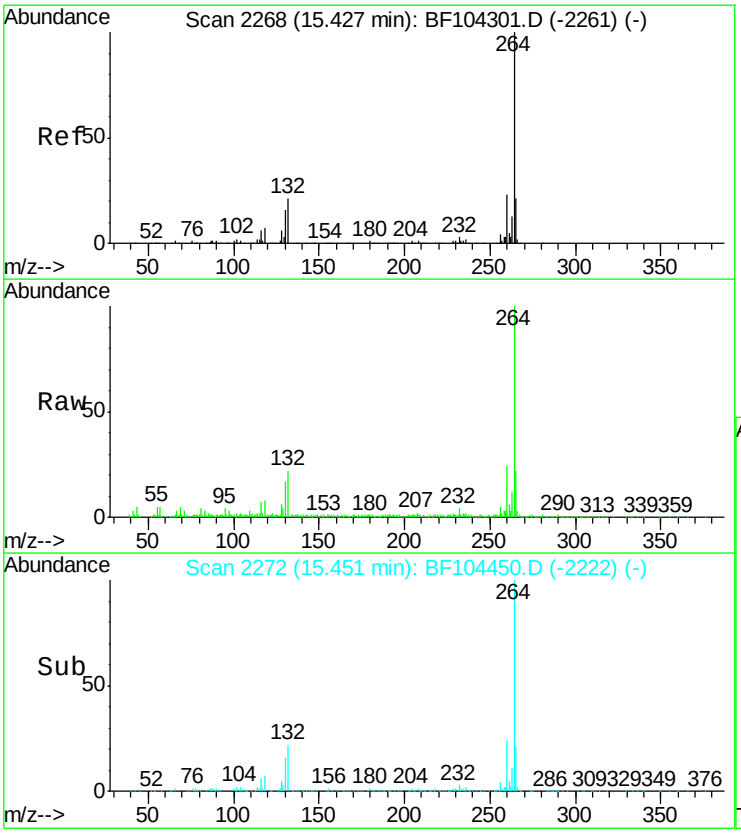
#82
Chrysene
Concen: 3.328 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 57380

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.9	16.2	24.4

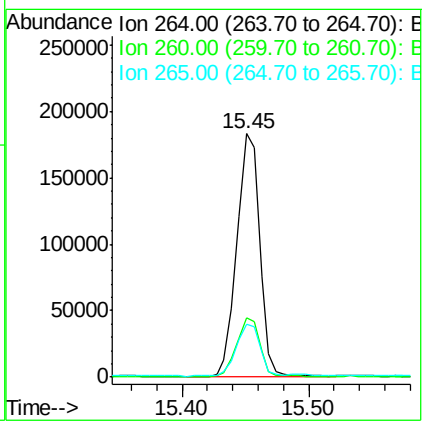


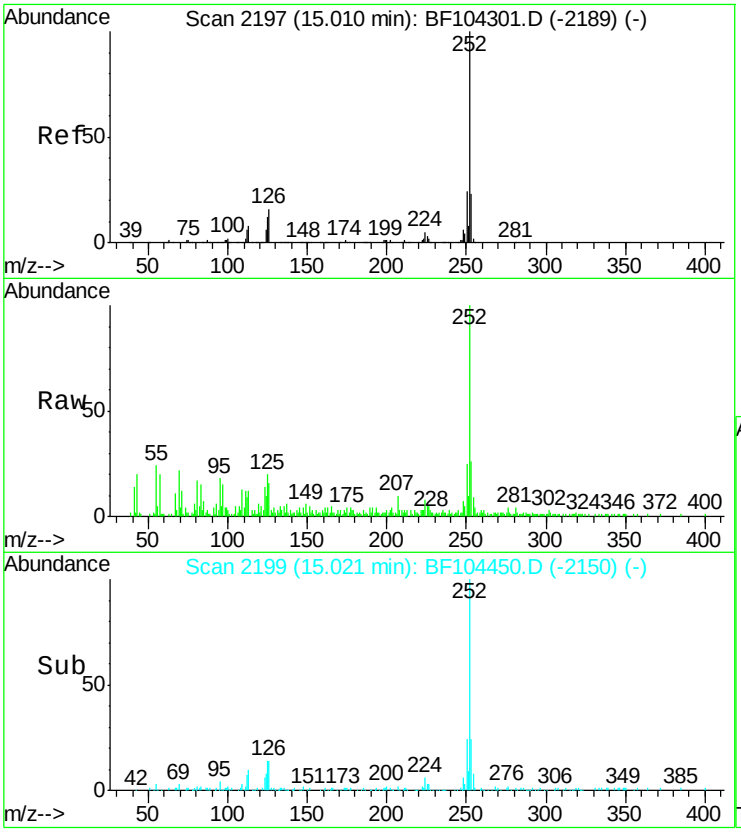


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:264 Resp: 227859

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.5	26.3



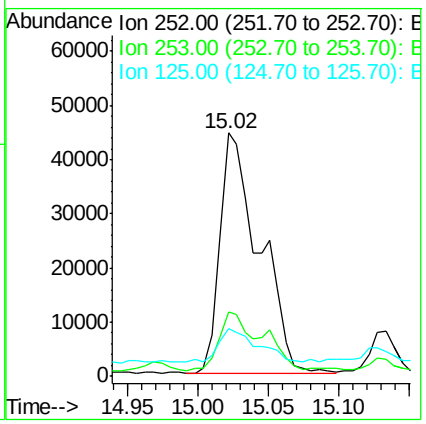


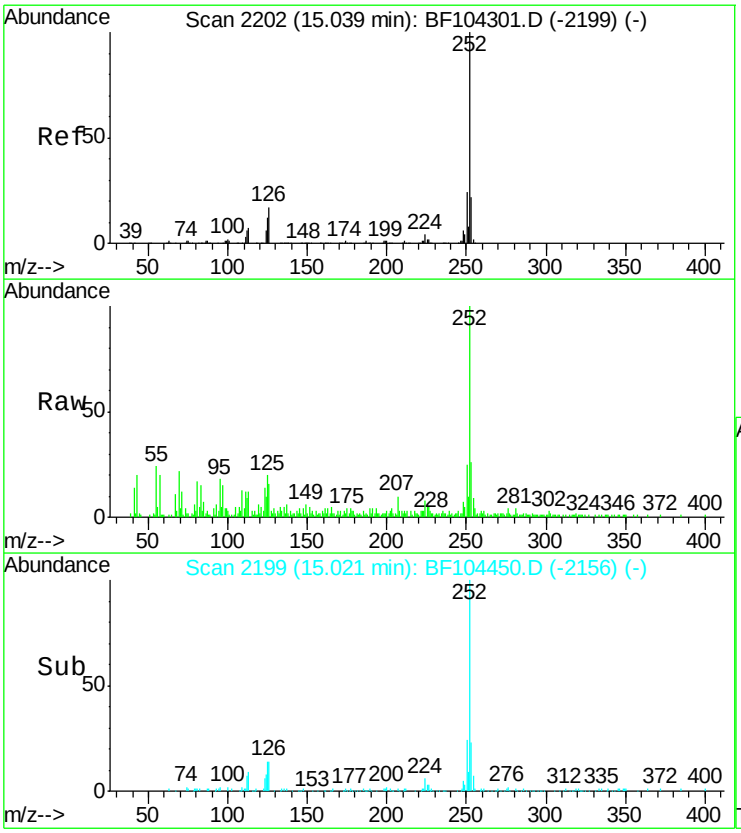
#87
Benzo(b)fluoranthene
Concen: 6.013 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 86540

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	19.6	9.0	13.6#

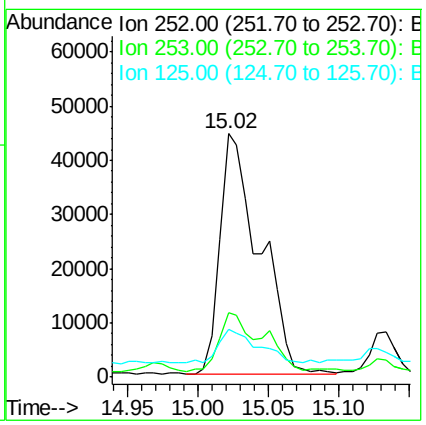


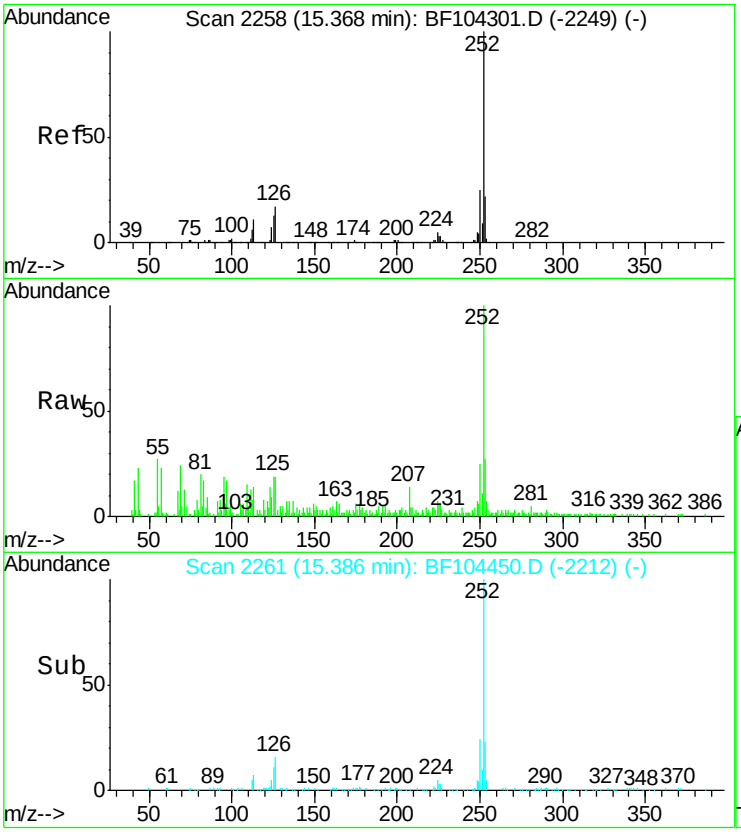


#88
Benzo(k)fluoranthene
Concen: 6.370 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.05 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:252 Resp: 86540

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.9	26.9
125	19.6	10.2	15.2#



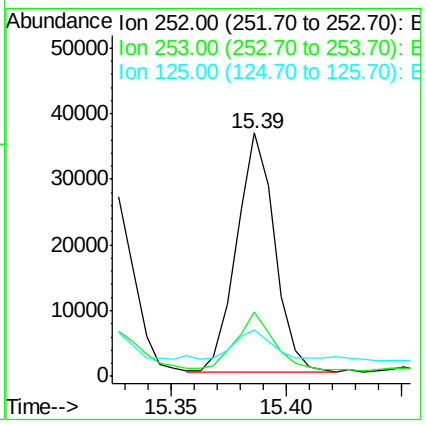


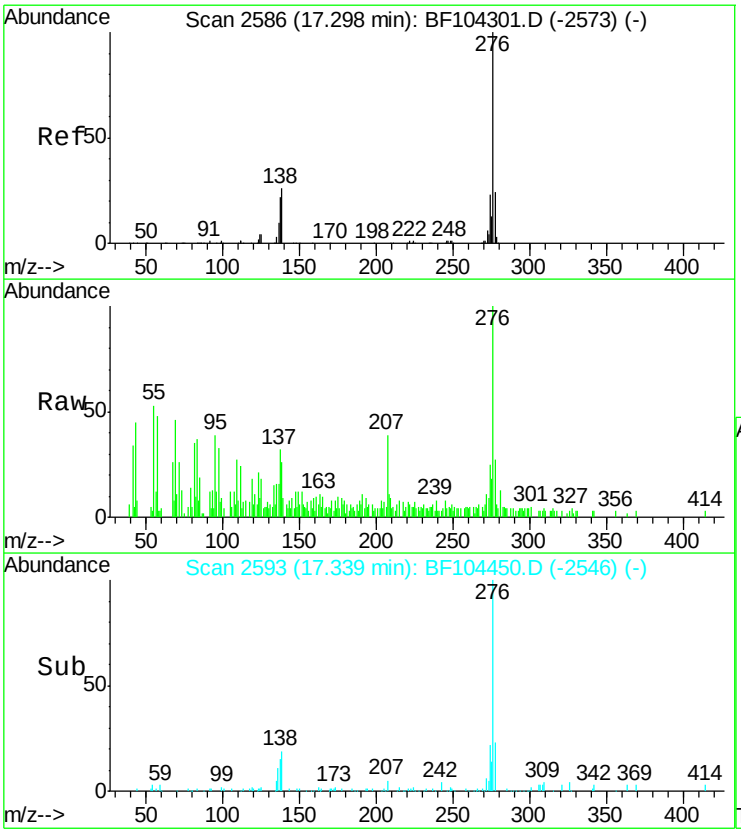
#89
Benzo(a)pyrene
Concen: 3.263 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 42013

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.1	25.7#
125	19.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.381 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BF104450.D
Acq: 12 Apr 2018 14:55

Tgt Ion:276 Resp: 24391

Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.9	26.9#
138	25.5	21.8	32.8