Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104449.D
Acq On : 12 Apr 2018 14:28
Operator : JU/SJ
Sample : J2163-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 12 17:08:27 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	144268	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	595373	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	270492	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	449100	20.00	ng		0.00
75) Chrysene-d12	13.98	240	289128	20.00	ng		-0.01
86) Perylene-d12	15.46	264	271994	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	906802	96.11	ng		0.01
7) Phenol-d6	6.44	99	1107382	95.52	ng		0.00
23) Nitrobenzene-d5	7.37	82	691800	75.87	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	264061	94.11	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1115500	65.15	ng		0.00
78) Terphenyl-d14	12.93	244	875727	69.05	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	1922	Below Cal		#	1
10) Phenol	6.45	94	24663	2.005	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	91498	12.078	ng	#	73
25) Isophorone	7.37	82	691791	35.880	ng	#	64
49) Dimethylphthalate	9.56	163	100244	4.700	ng		100
50) 2,6-Dinitrotoluene	9.85	165	35197	8.918	ng	#	25
56) 2,4-Dinitrotoluene	9.85	165	35197	6.798	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.64	198	506	7.543	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	16136	3.378	ng	#	1
70) Phenanthrene	11.36	178	55569	2.222	ng		98
74) Fluoranthene	12.55	202	218242	8.352	ng		97
76) Benzidine	12.93	184	12153	Below Cal			99
77) Pyrene	12.78	202	228115	10.644	ng		98
80) Benzo(a)anthracene	13.97	228	138260	8.004	ng		95
82) Chrysene	14.01	228	135655	7.646	ng		96
87) Benzo(b)fluoranthene	15.03	252	306999	17.871	ng	#	94
88) Benzo(k)fluoranthene	15.03	252	306999	18.929	ng		97
89) Benzo(a)pyrene	15.39	252	164082	10.675	ng		97
91) Benzo(g,h,i)perylene	17.34	276	110386	9.025	ng		94

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

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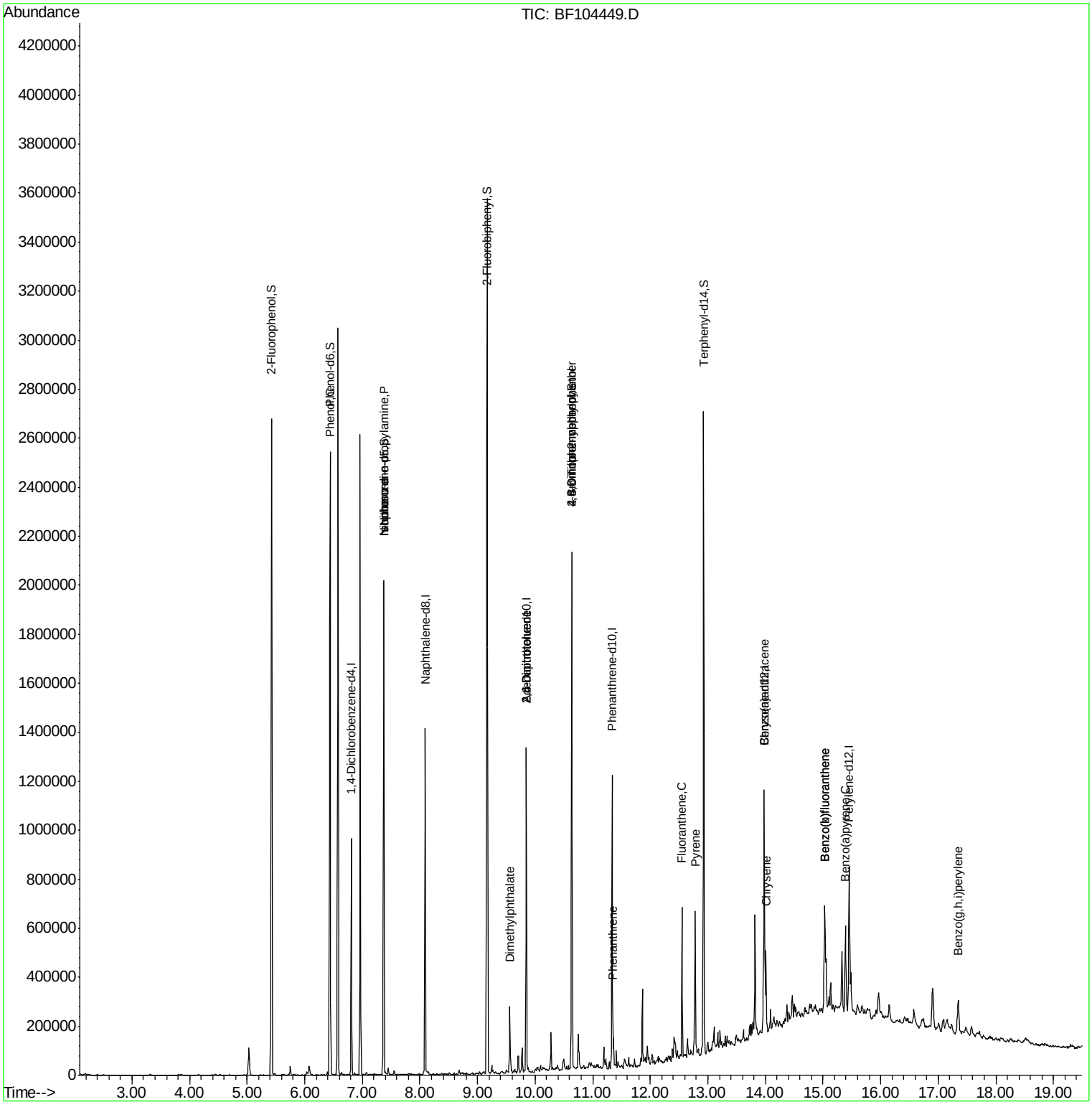
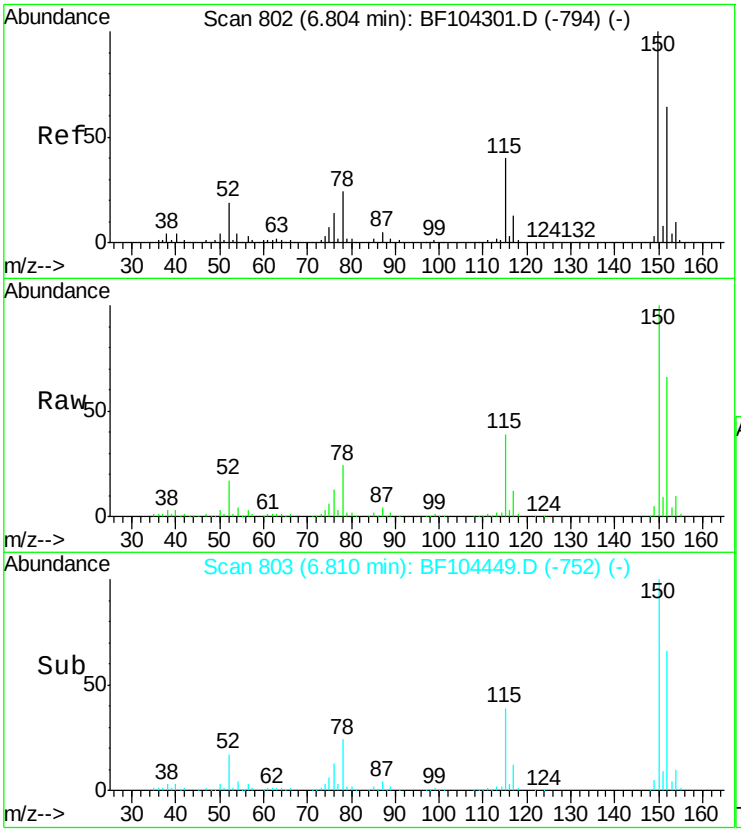


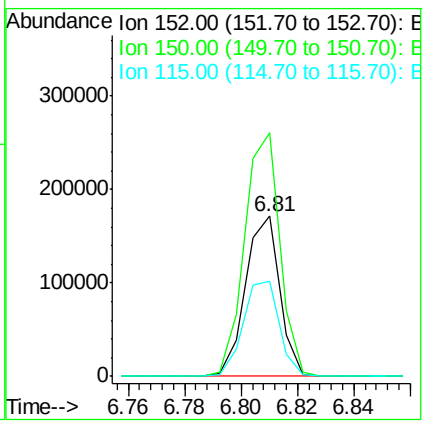


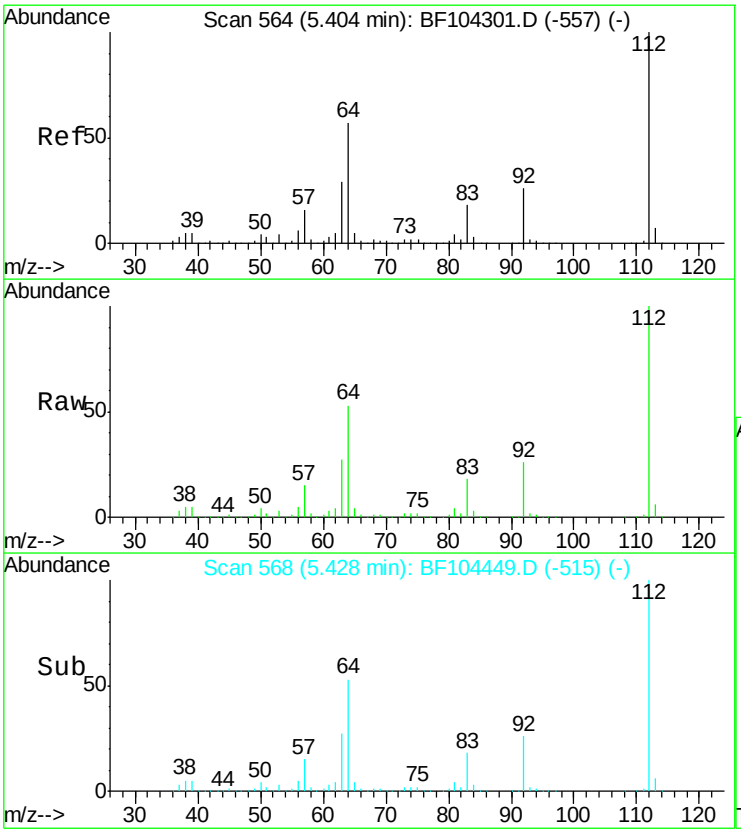
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144268

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	59.7	50.1	75.1

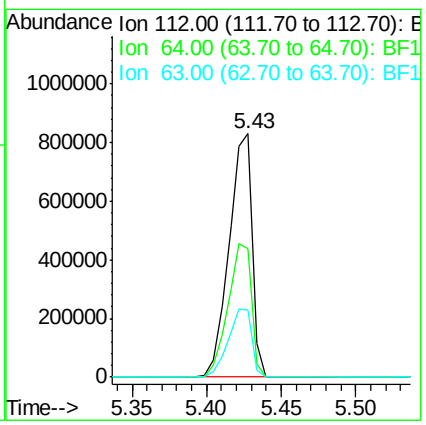


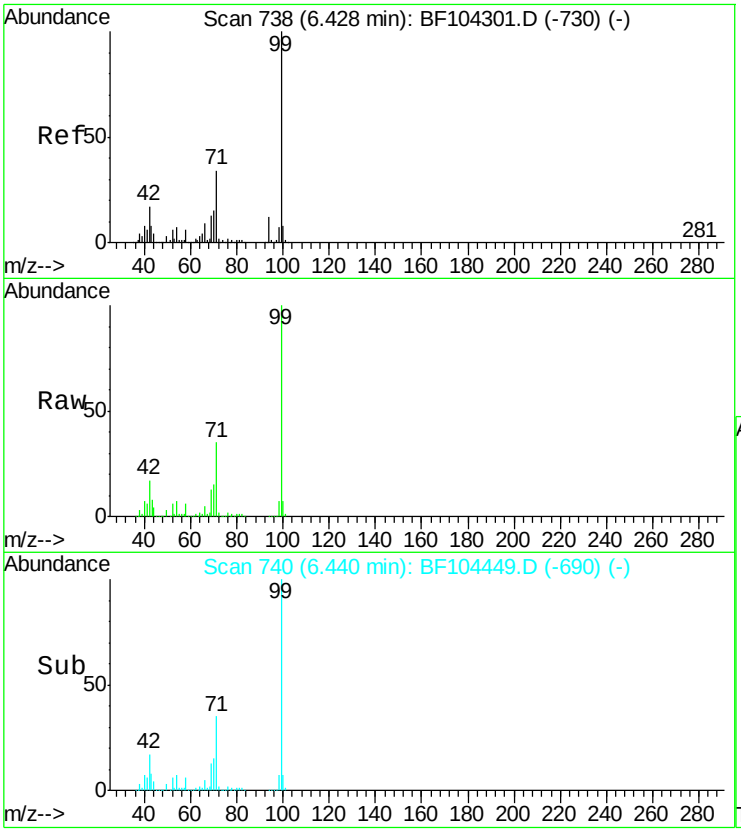


#5
2-Fluorophenol
Concen: 96.109 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:112 Resp: 906802

Ion	Ratio	Lower	Upper
112	100		
64	52.8	47.9	71.9
63	27.3	23.7	35.5



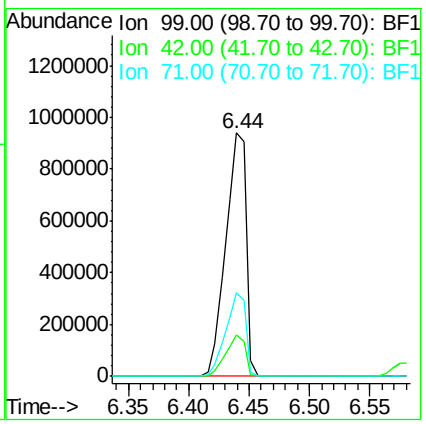


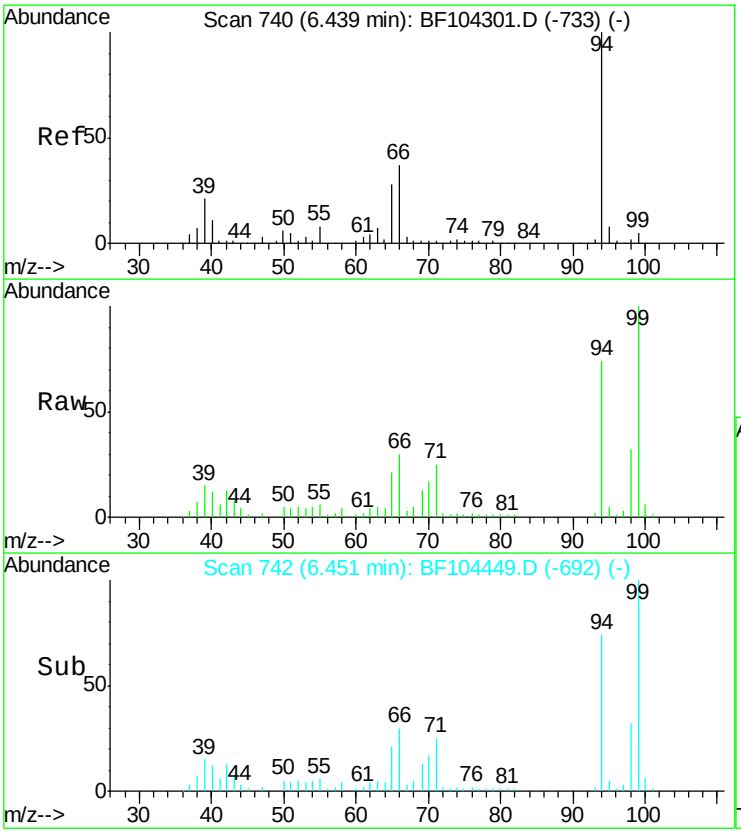
#7
Phenol-d6
Concen: 95.524 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1107382

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.5	21.7
71	34.5	25.4	38.0

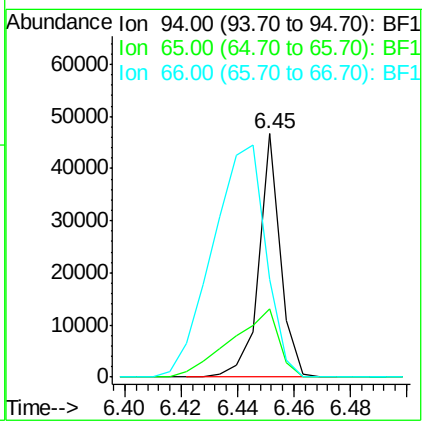


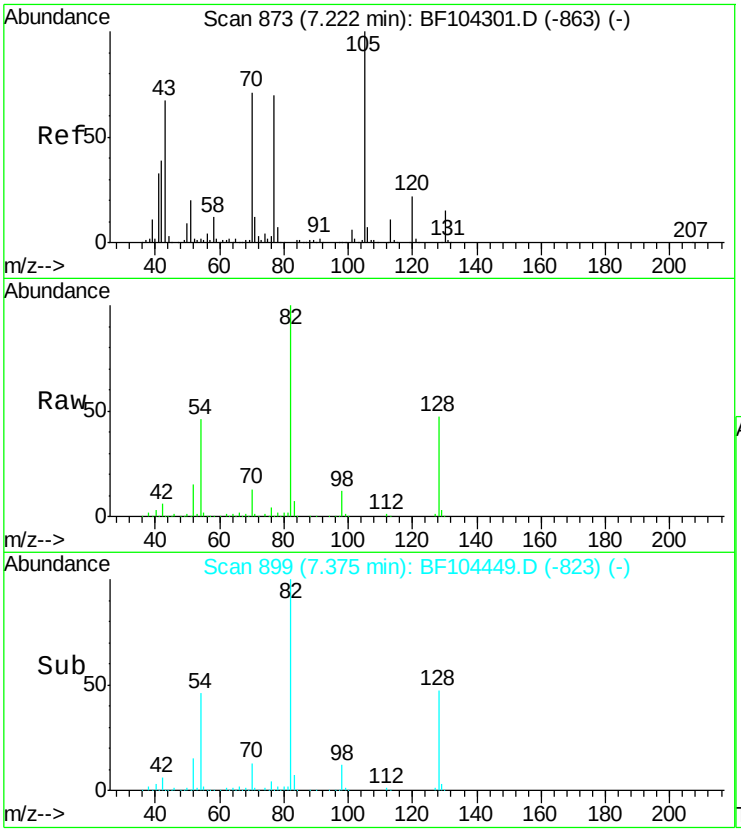


#10
Phenol
Concen: 2.005 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion: 94 Resp: 24663

Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	39.9	16.2	56.2



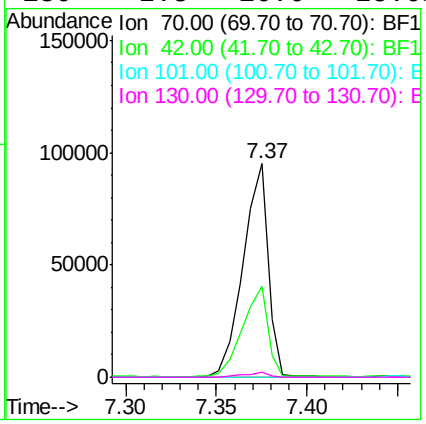


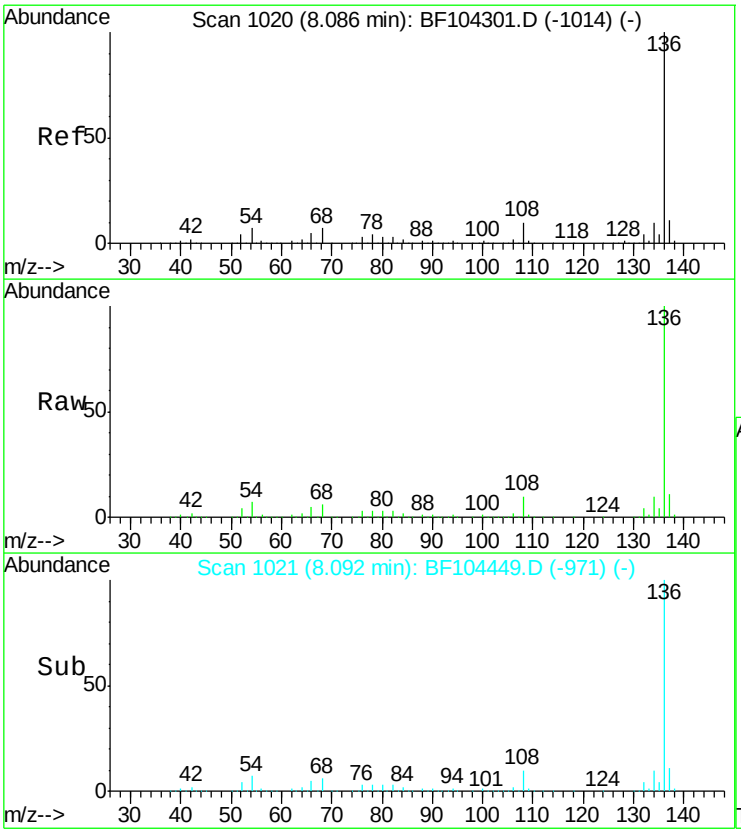
#19
n-Nitroso-di-n-propylamine
Concen: 12.078 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 91498

Ion	Ratio	Lower	Upper
70	100		
42	42.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

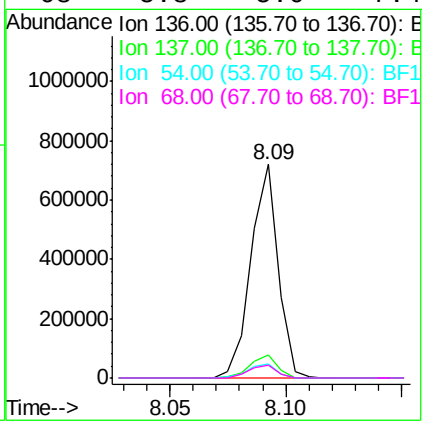


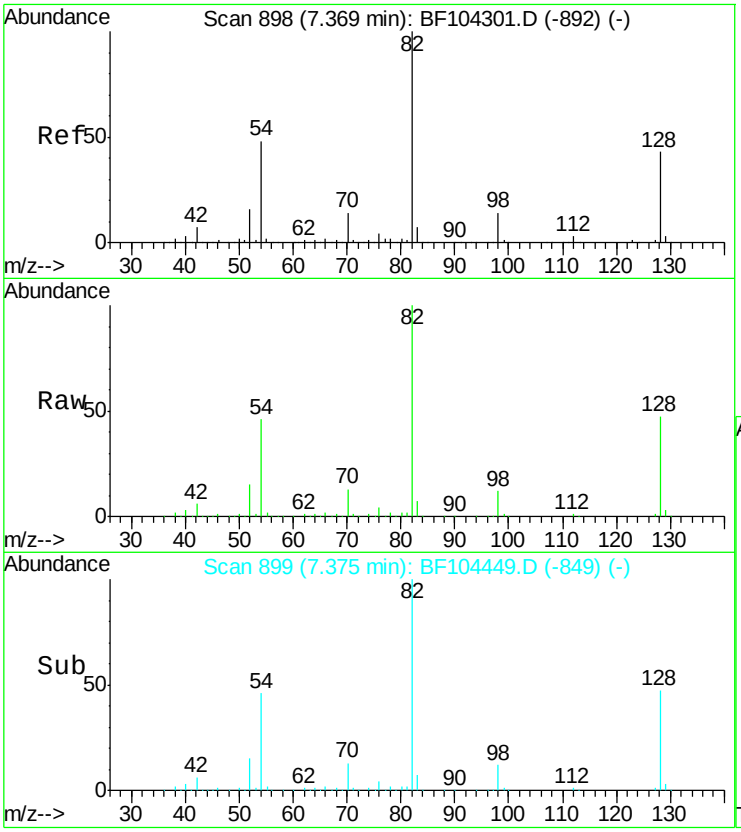


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:136 Resp: 595373

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	6.6	9.8
68	5.8	5.0	7.4



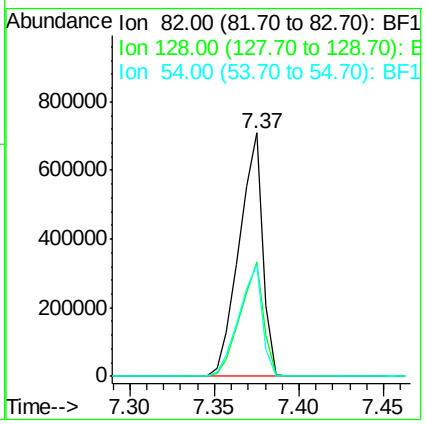


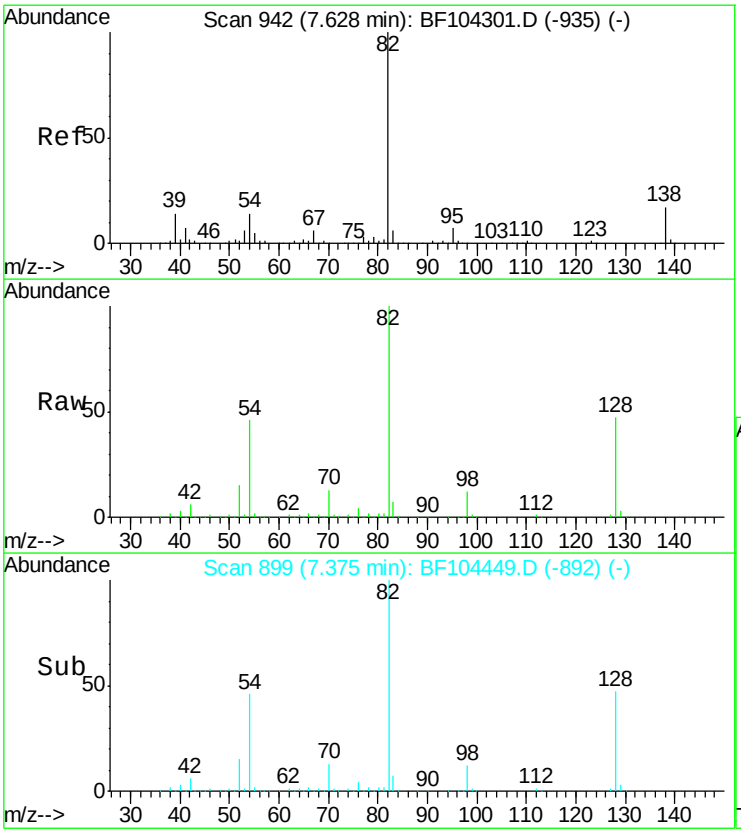
#23
Nitrobenzene-d5
Concen: 75.874 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 691800

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	45.7	41.4	62.2

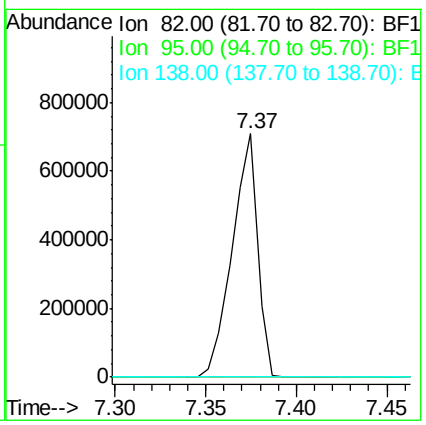


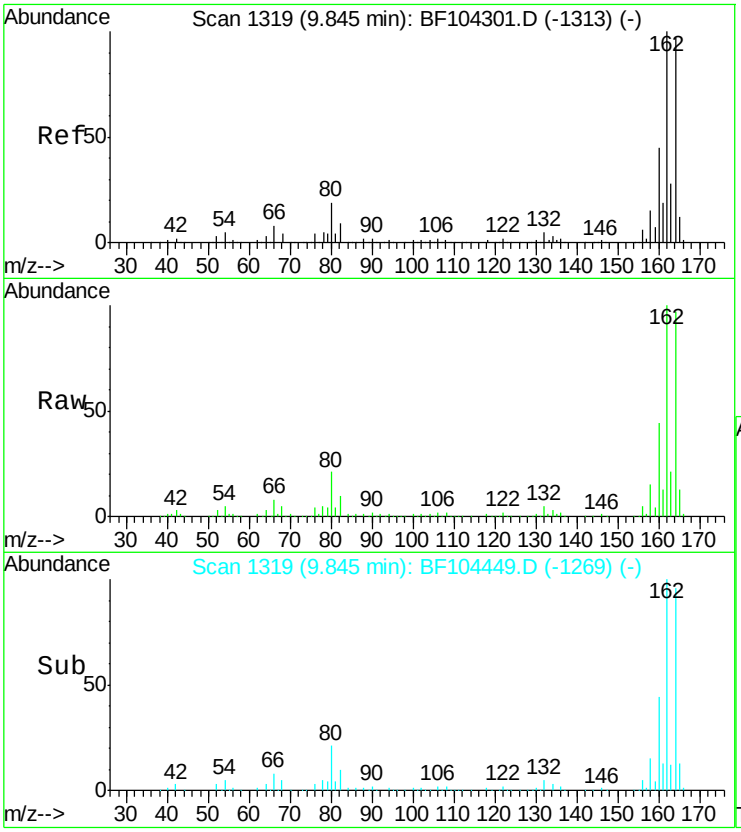


#25
Isophorone
Concen: 35.880 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion: 82 Resp: 691791

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



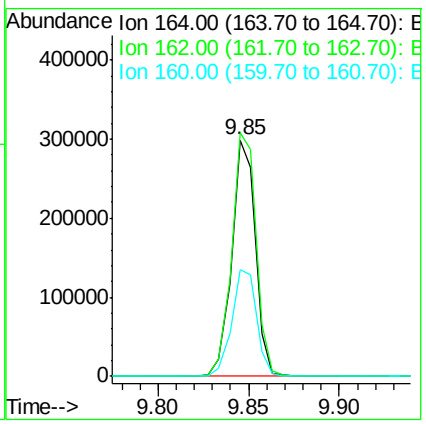


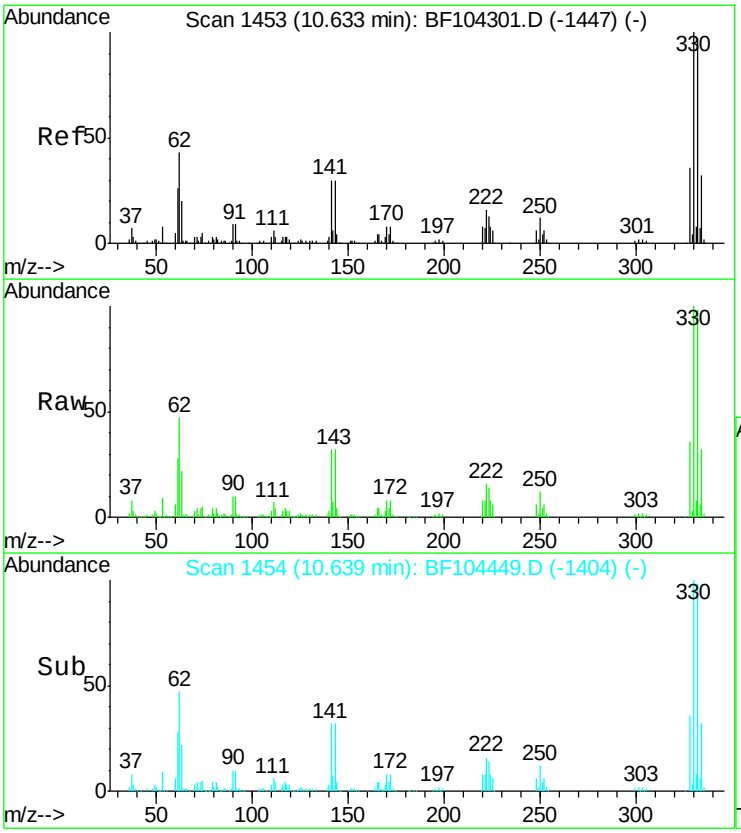
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 270492

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.1	38.3	57.5

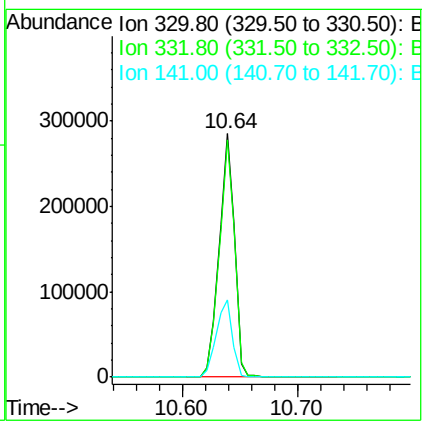


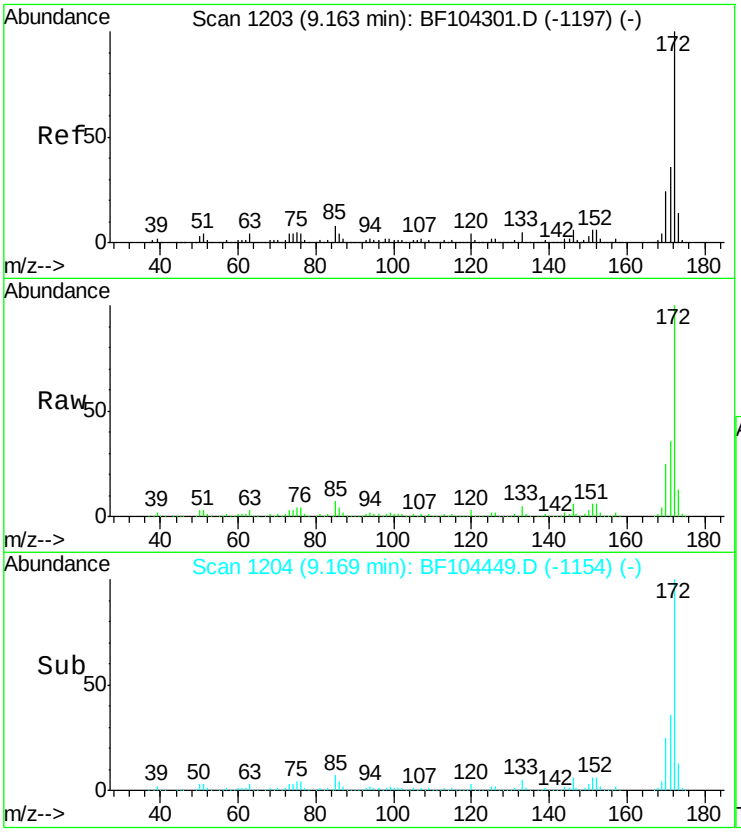


#41
2,4,6-Tribromophenol
Concen: 94.110 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:330 Resp: 264061

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	33.4	29.9	44.9



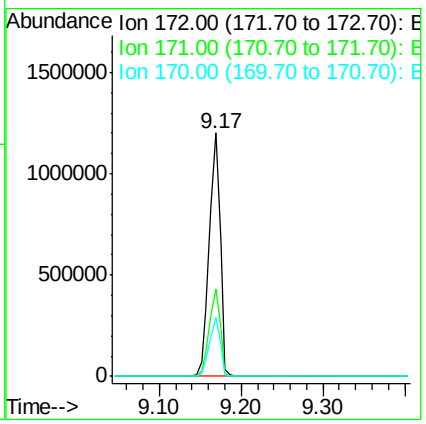


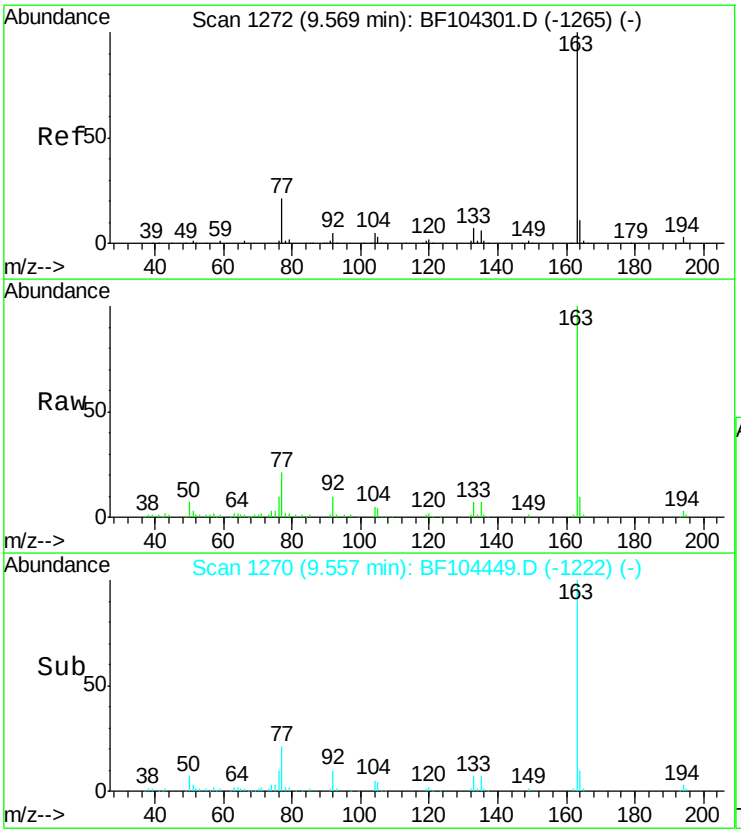
#44
2-Fluorobiphenyl
Concen: 65.148 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1115500

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.6	19.6	29.4

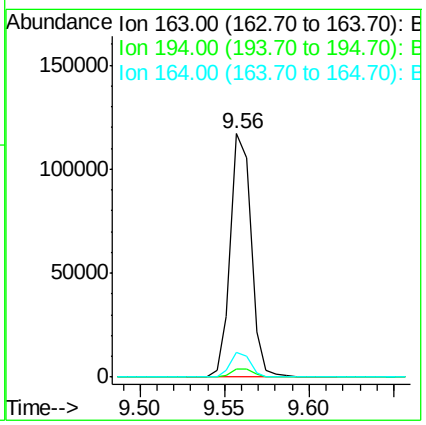


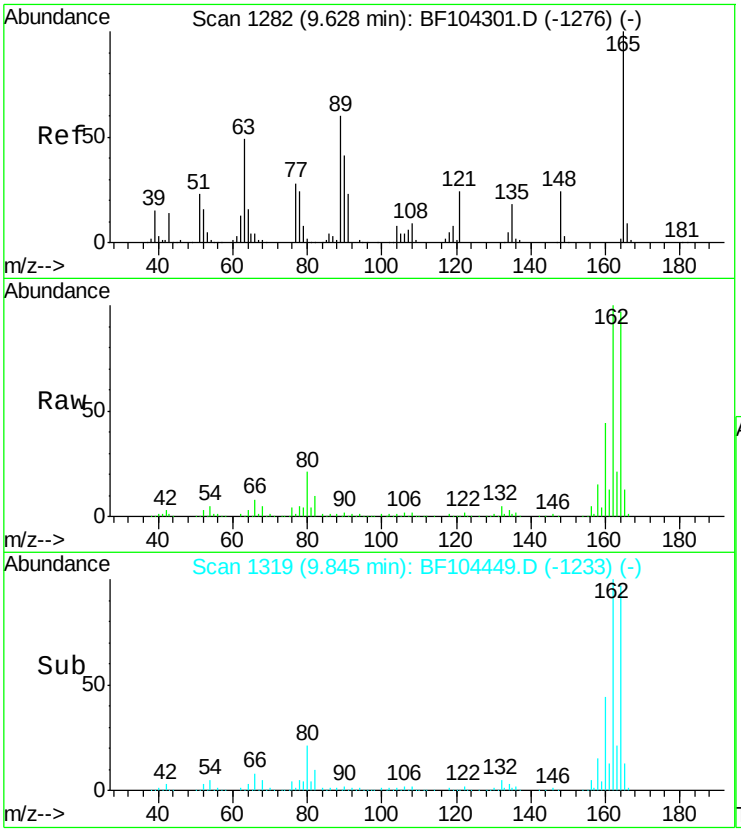


#49
Dimethylphthalate
Concen: 4.700 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:163 Resp: 100244

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.2	8.2	12.2



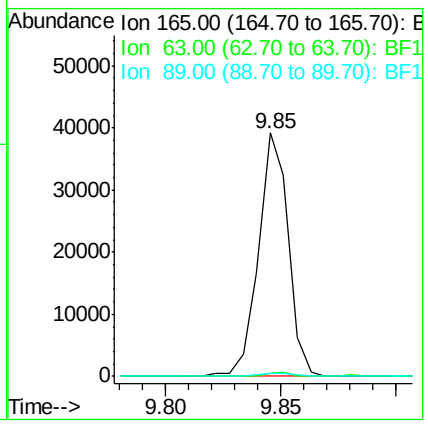


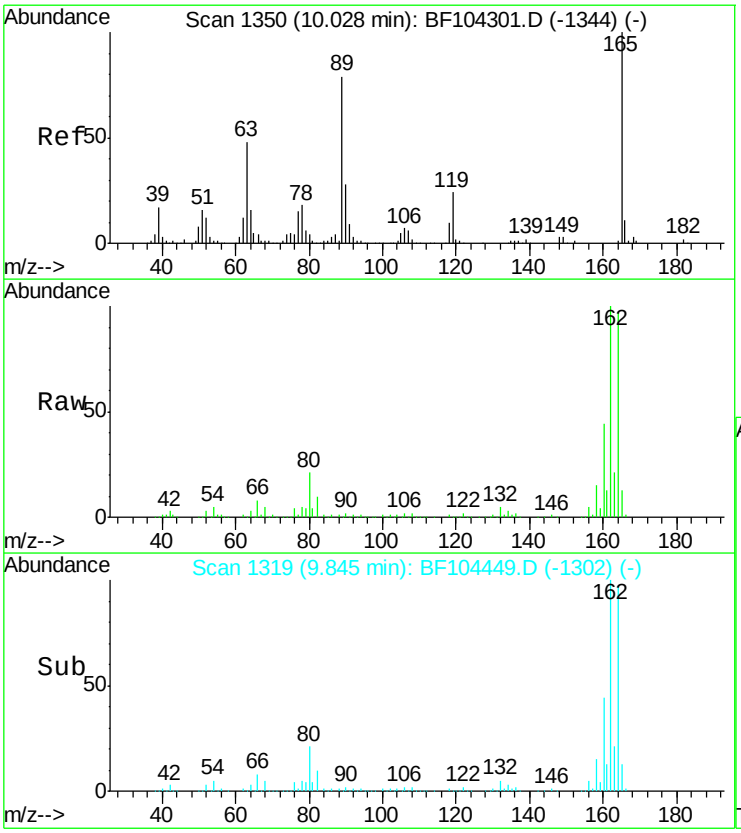
#50
2,6-Dinitrotoluene
Concen: 8.918 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35197

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	44.0	66.0#

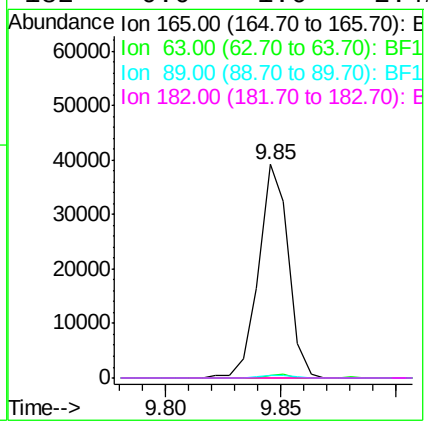


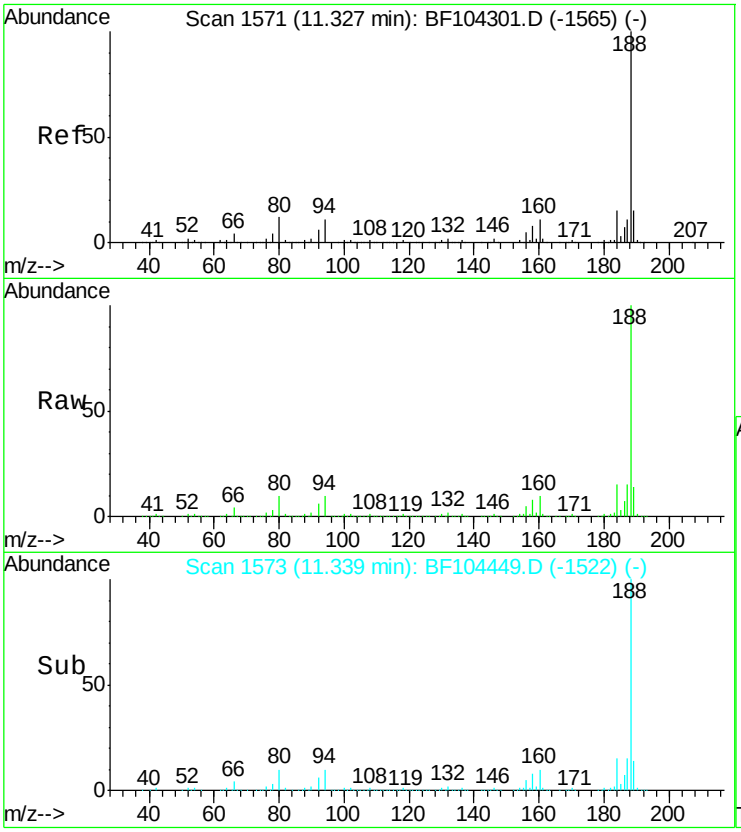


#56
2,4-Dinitrotoluene
Concen: 6.798 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:165 Resp: 35197

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



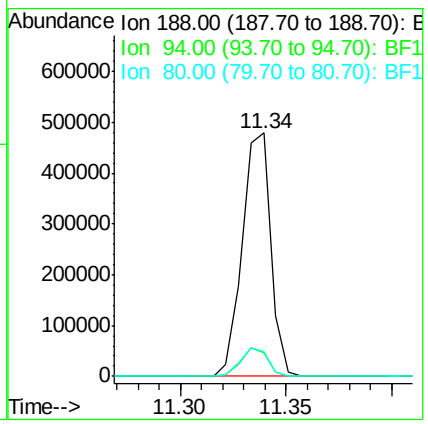


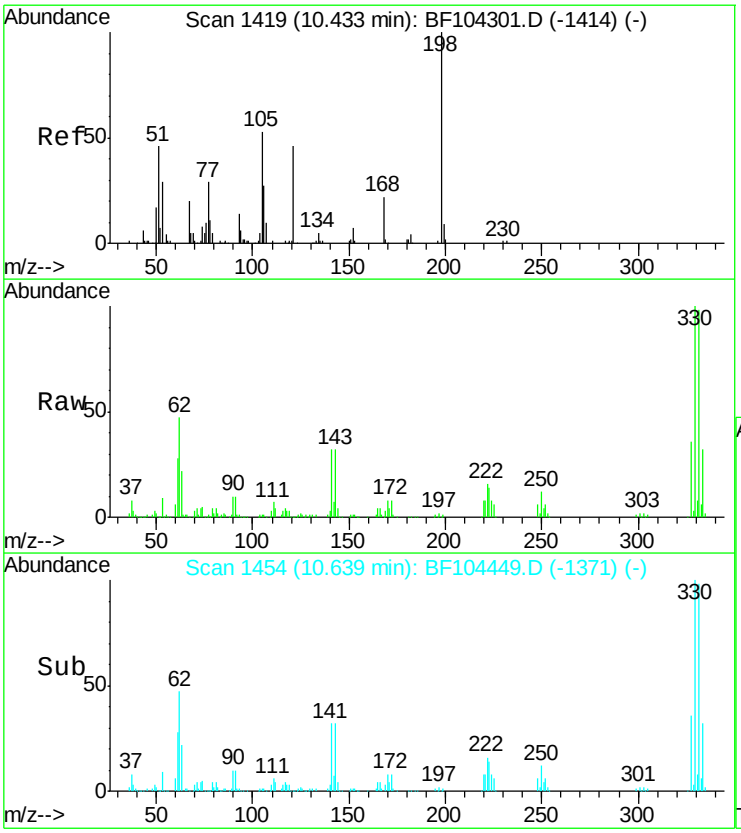
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 449100

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.0	9.2	13.8

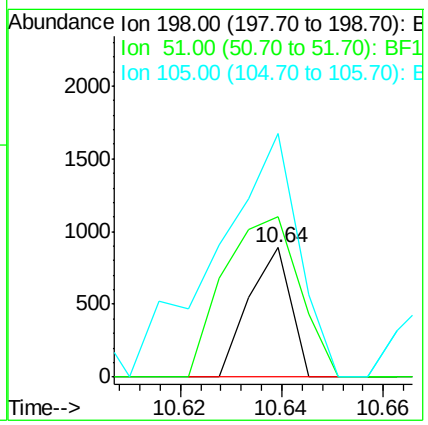


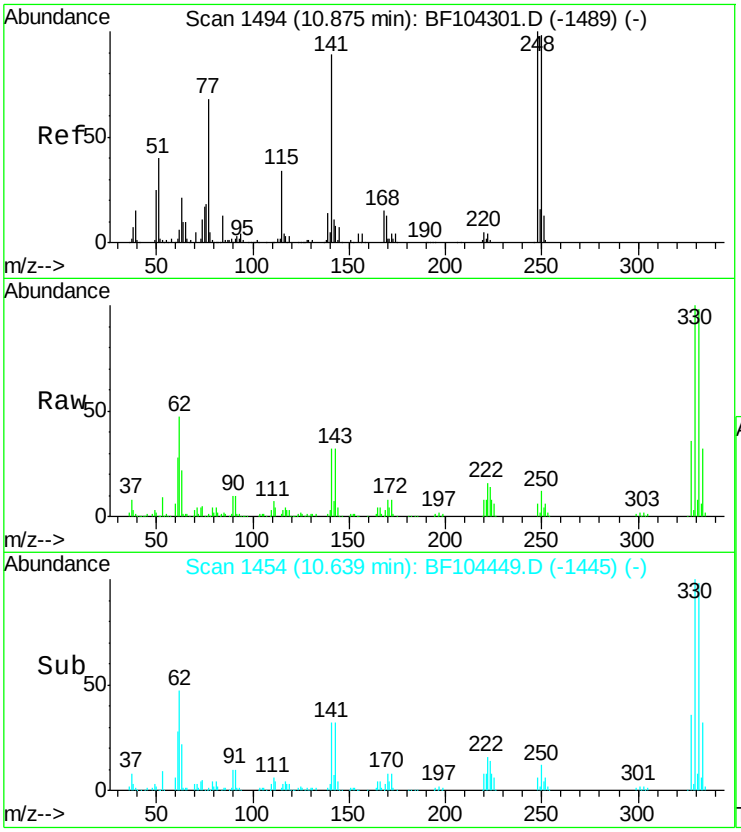


#64
4,6-Dinitro-2-methylphenol
Concen: 7.543 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:198 Resp: 506

Ion	Ratio	Lower	Upper
198	100		
51	124.2	37.7	77.7#
105	188.0	36.3	76.3#



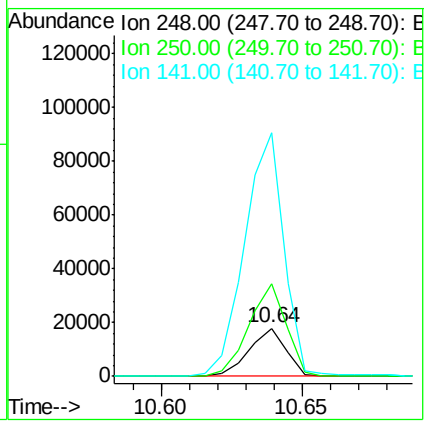


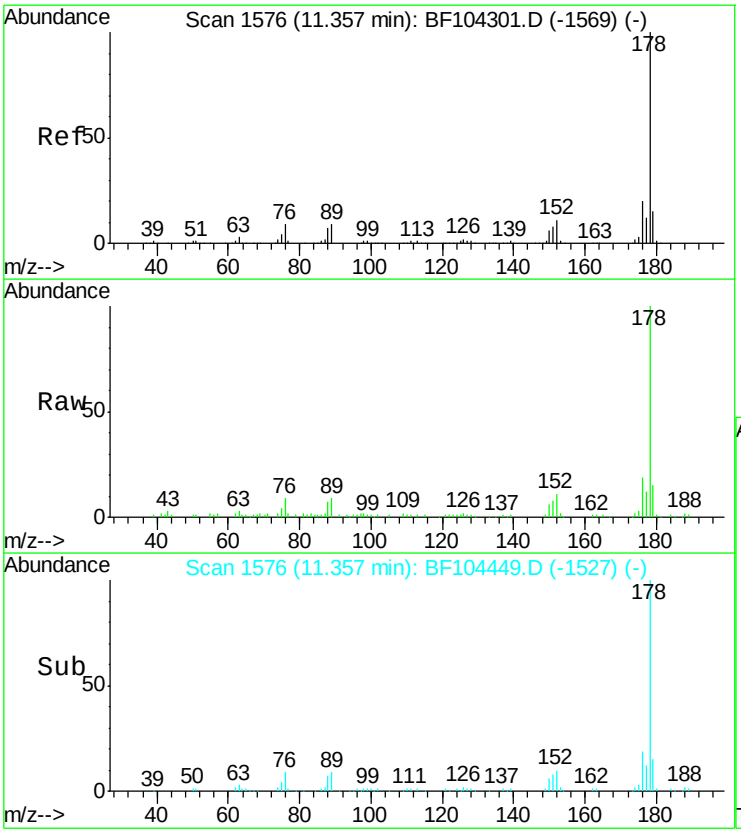
#66
4-Bromophenyl-phenylether
Concen: 3.378 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16136

Ion	Ratio	Lower	Upper
248	100		
250	192.8	76.9	115.3#
141	509.6	74.4	111.6#

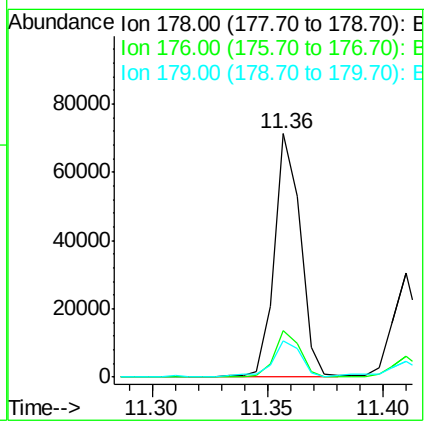


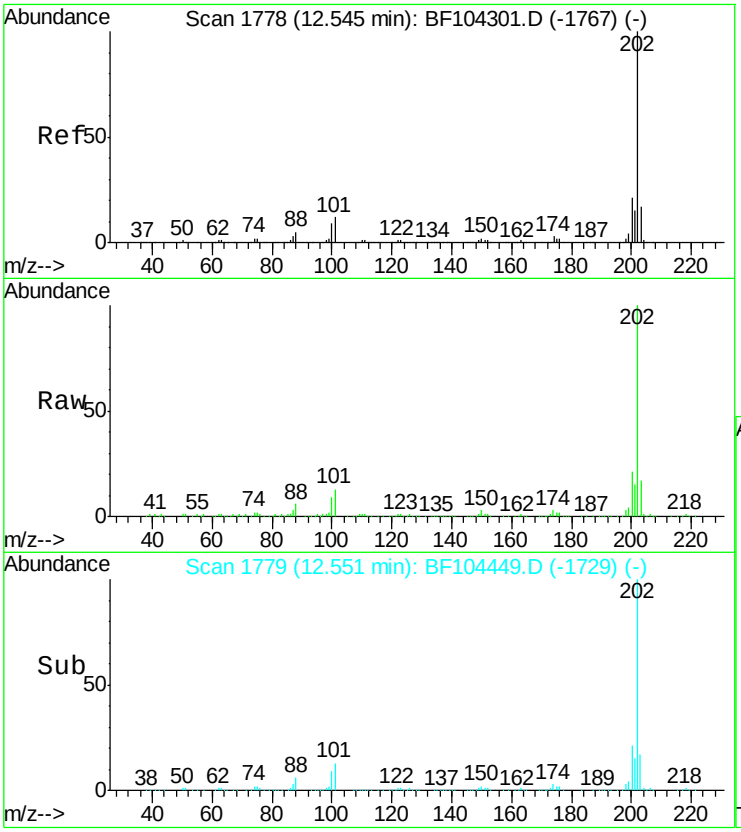


#70
Phenanthrene
Concen: 2.222 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:178 Resp: 55569

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



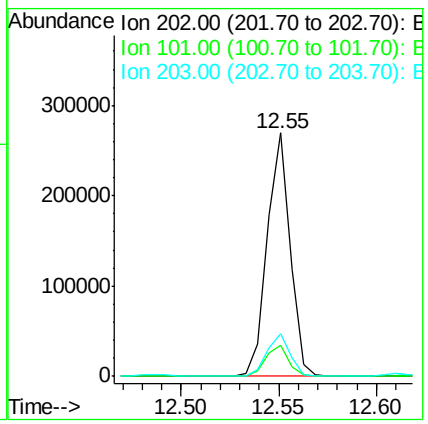


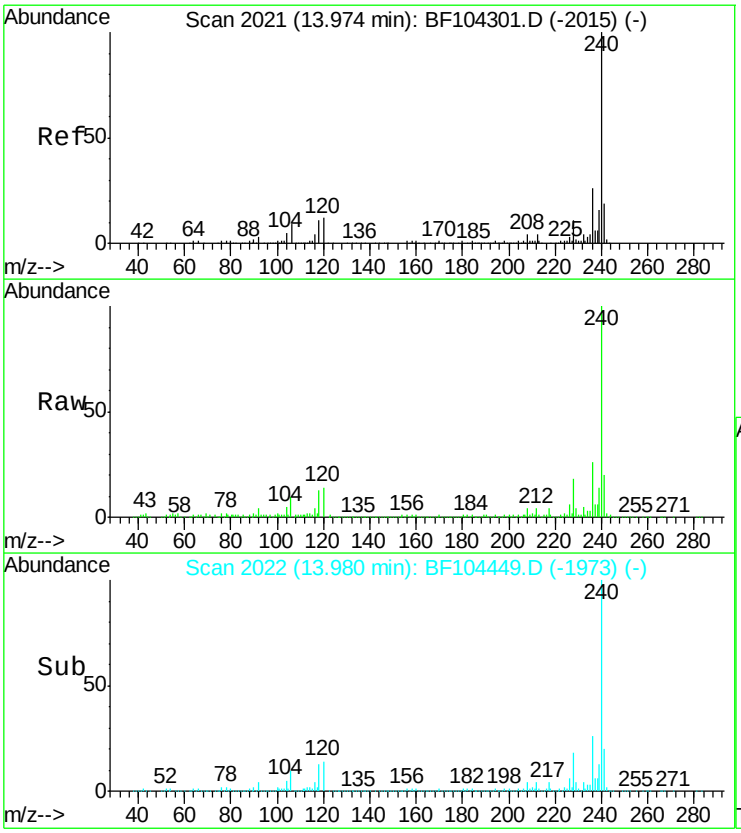
#74
Fluoranthene
Concen: 8.352 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 218242

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	17.3	0.0	38.1

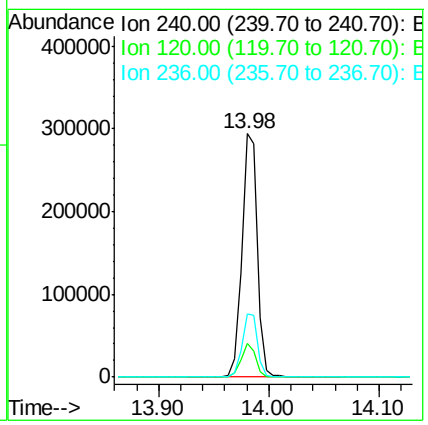


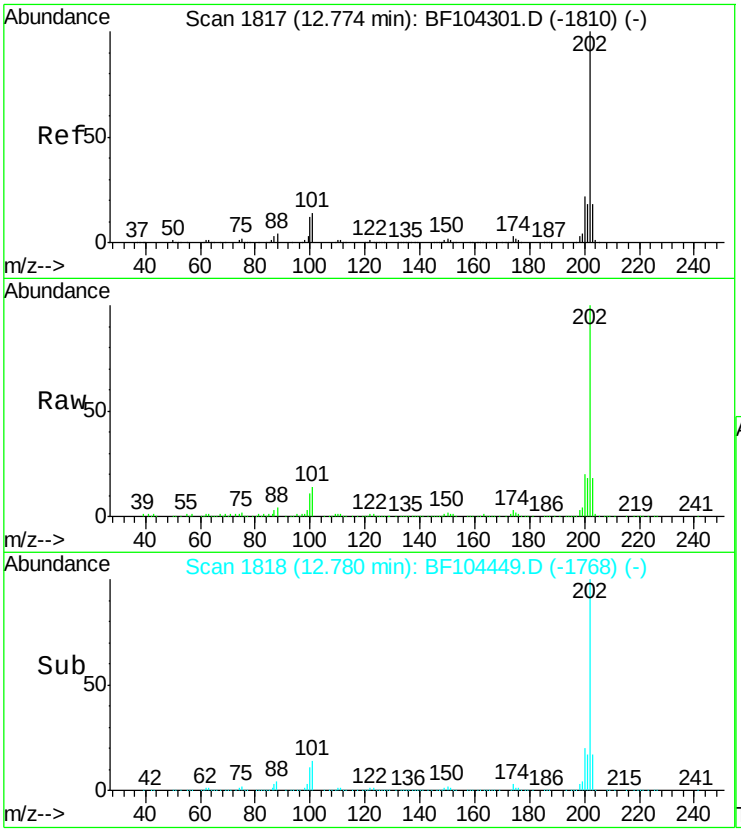


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:240 Resp: 289128

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.9	20.7	31.1



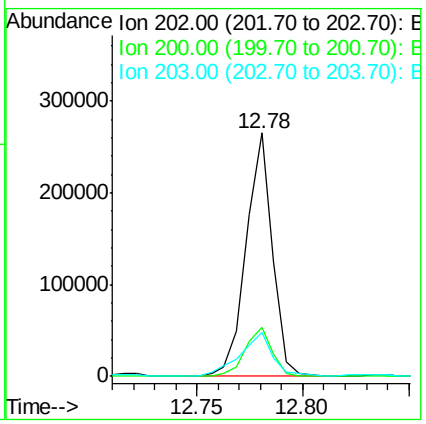


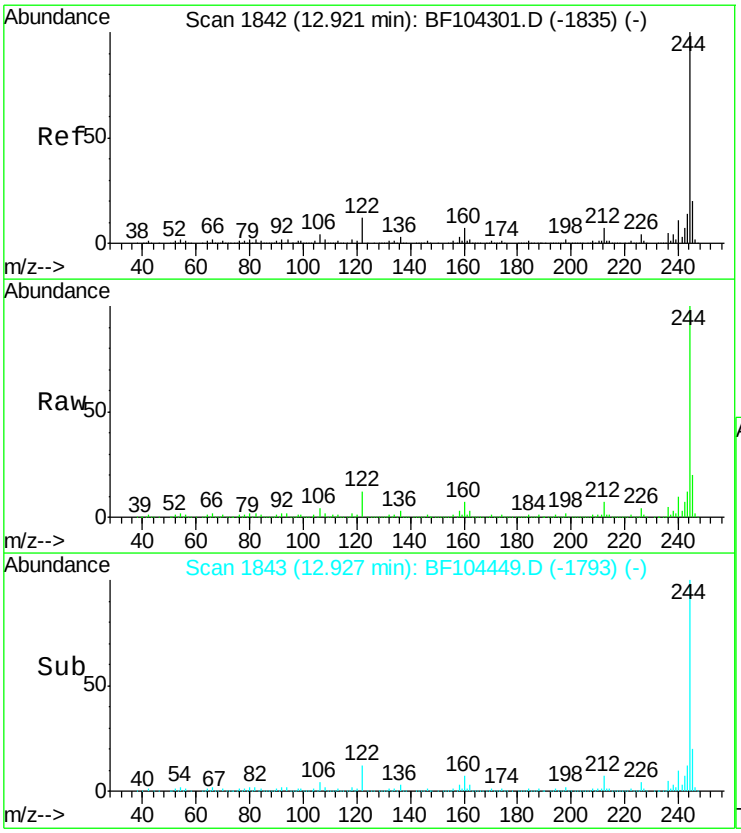
#77
Pyrene
Concen: 10.644 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 228115

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.9	14.3	21.5

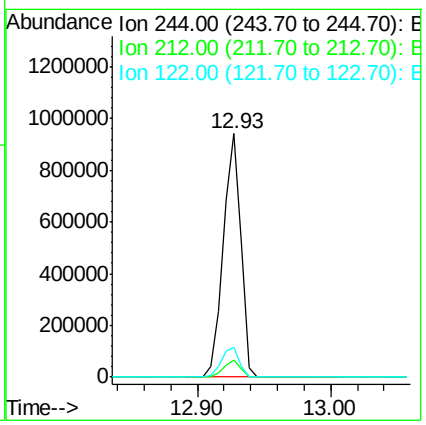


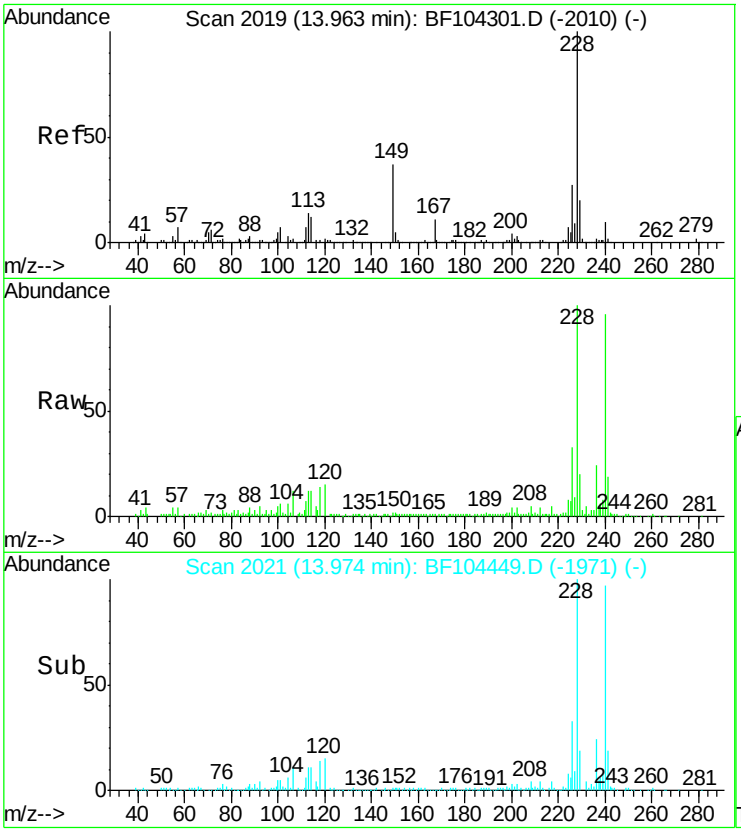


#78
Terphenyl-d14
Concen: 69.053 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:244 Resp: 875727

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4



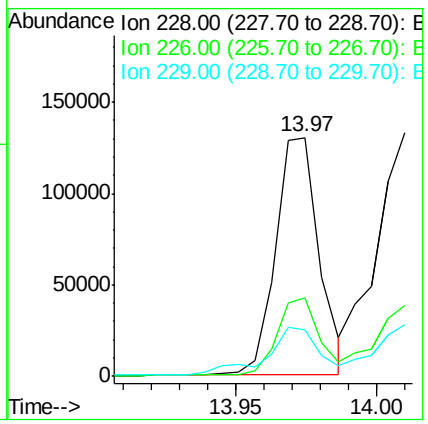


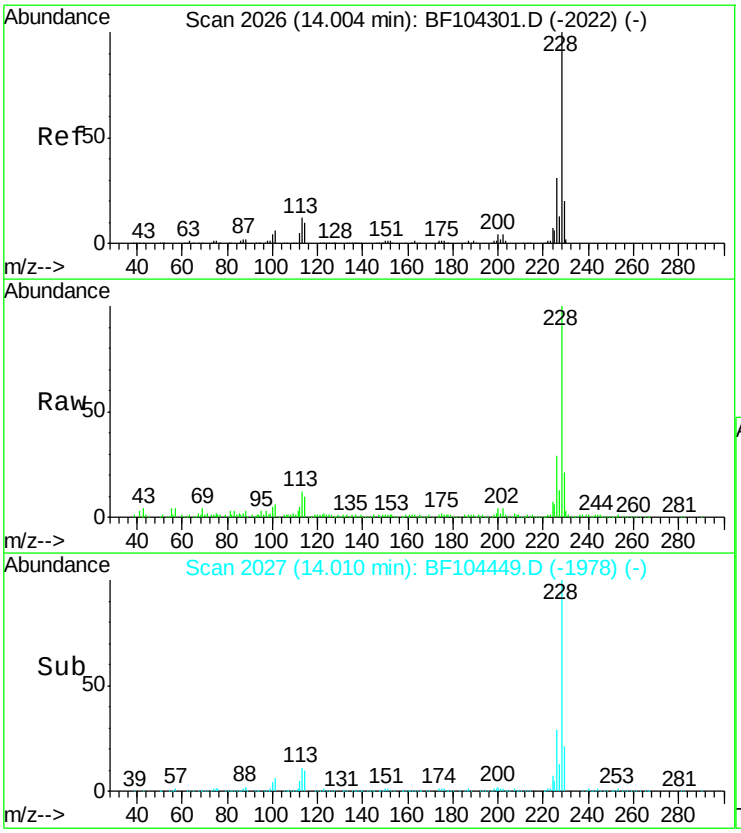
#80
Benzo(a)anthracene
Concen: 8.004 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 138260

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	19.7	15.8	23.6

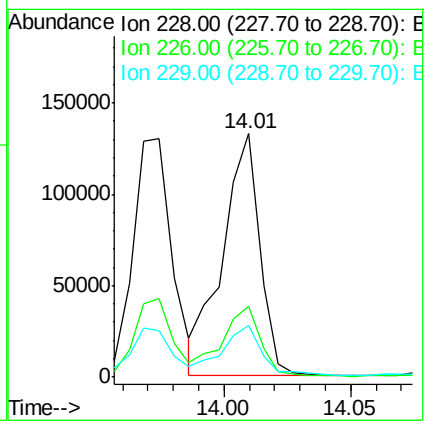


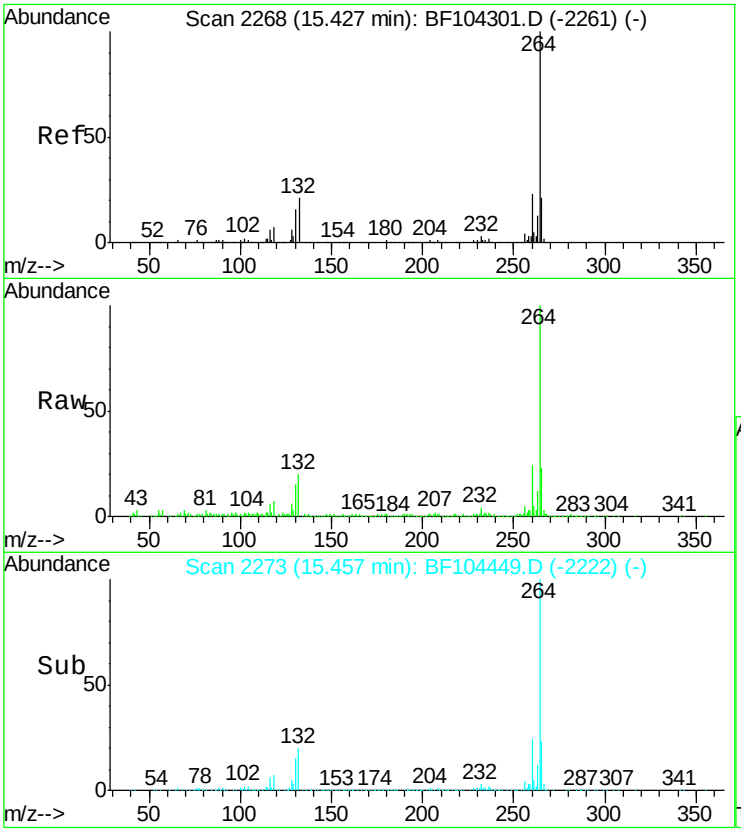


#82
Chrysene
Concen: 7.646 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:228 Resp: 135655

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	21.4	16.2	24.4



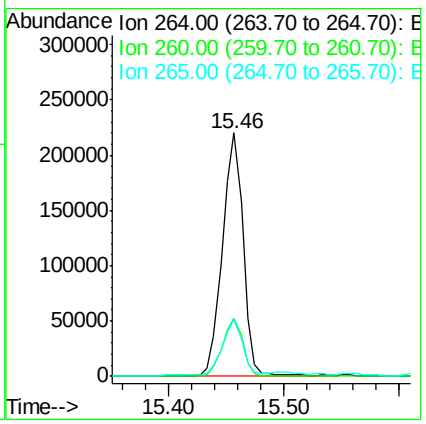


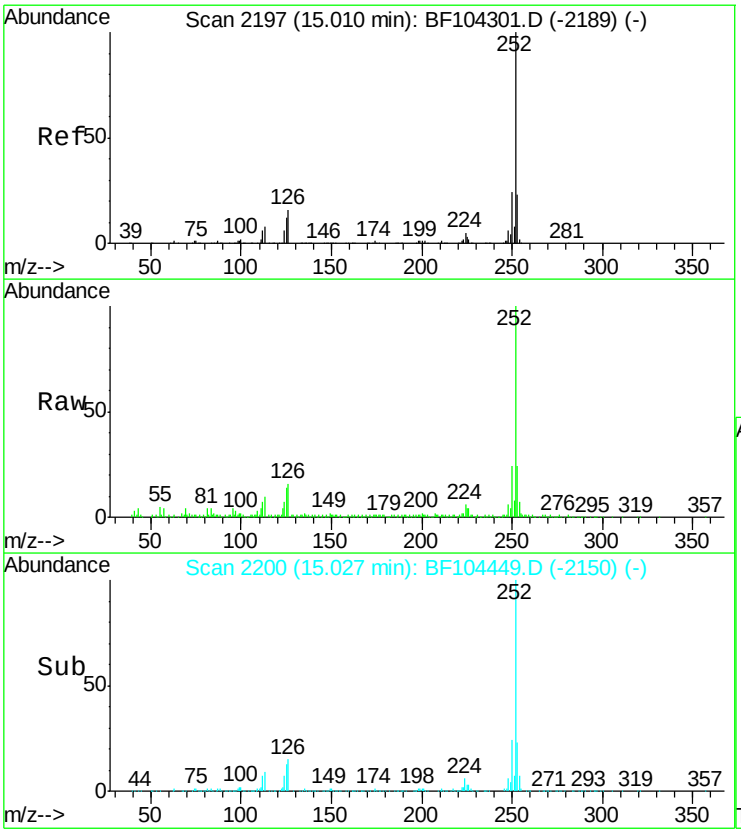
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 271994

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	23.2	17.5	26.3

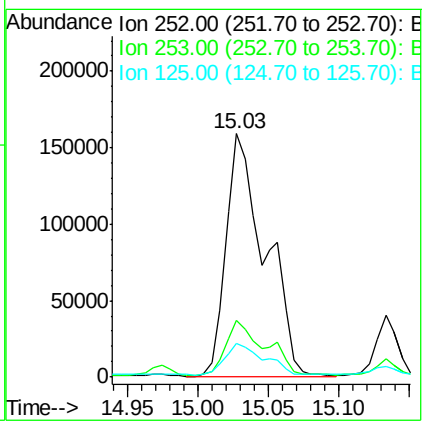


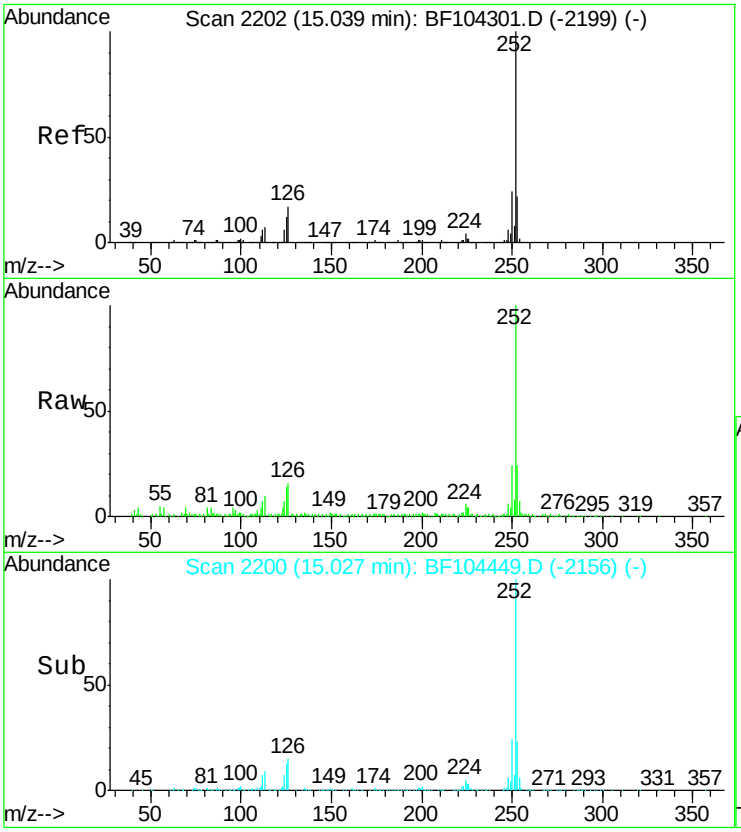


#87
Benzo(b)fluoranthene
Concen: 17.871 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:252 Resp: 306999

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	13.9	9.0	13.6#



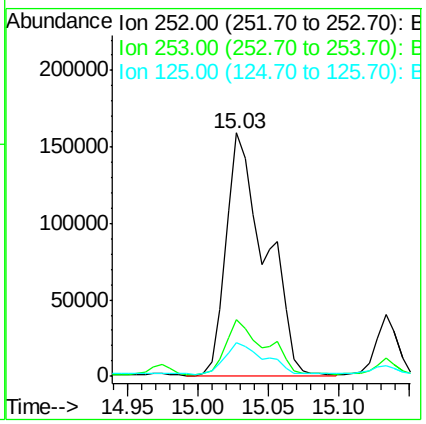


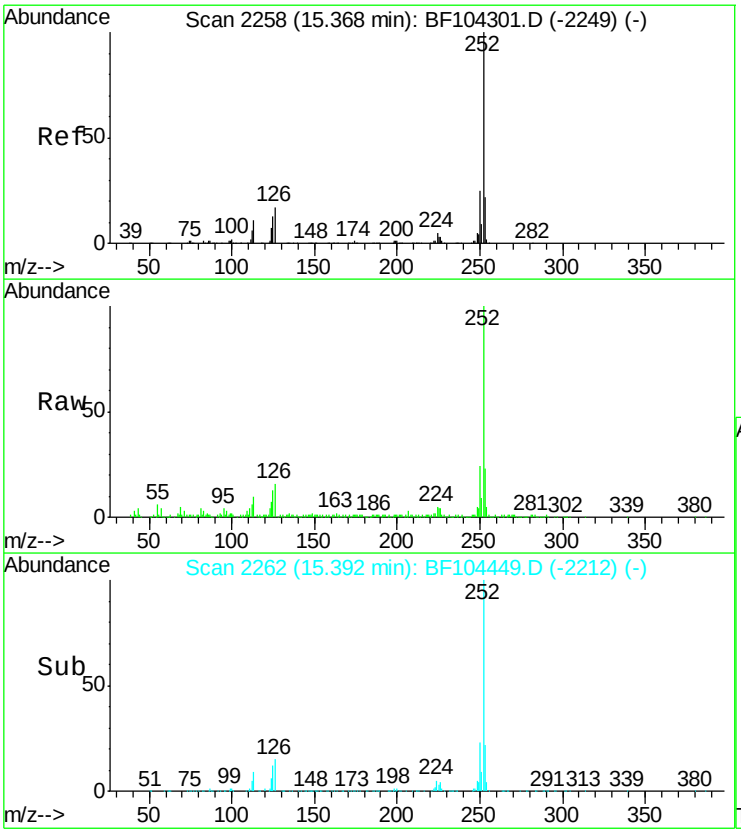
#88
Benzo(k)fluoranthene
Concen: 18.929 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 306999

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	13.9	10.2	15.2

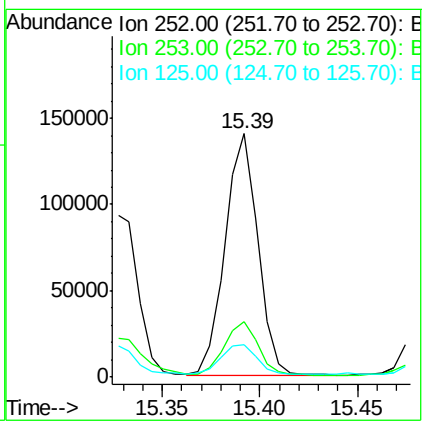


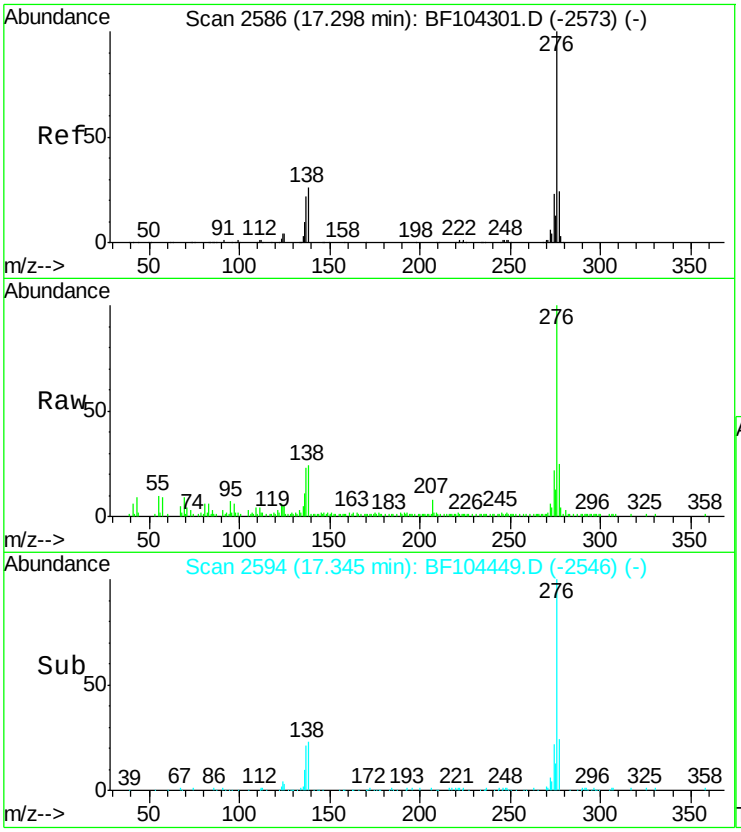


#89
Benzo(a)pyrene
Concen: 10.675 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Tgt Ion:252 Resp: 164082

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	13.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 9.025 ng
RT: 17.34 min Scan# 2594
Delta R.T. -0.02 min
Lab File: BF104449.D
Acq: 12 Apr 2018 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 110386

Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	24.3	21.8	32.8