Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102271.D
Acq On : 20 Jan 2018 17:41
Operator : SJ/JU
Sample : J1228-26
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 22 01:23:53 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	154493	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	625974	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	260336	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	380653	20.00	ng		0.00
75) Chrysene-d12	13.87	240	288839	20.00	ng		0.00
86) Perylene-d12	15.30	264	244381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1014219	92.70	ng		0.00
7) Phenol-d6	6.36	99	1194757	91.53	ng		0.00
23) Nitrobenzene-d5	7.29	82	739507	69.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	214364	94.35	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1224259	73.47	ng		0.00
78) Terphenyl-d14	12.83	244	841865	60.52	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	21173	2.336	ng		84
10) Phenol	6.37	94	57507	3.898	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	96778	11.313	ng	#	78
25) Isophorone	7.29	82	736307	34.982	ng	#	64
48) Acenaphthylene	9.62	152	83029	2.932	ng		99
49) Dimethylphthalate	9.47	163	118418	5.670	ng		99
64) 4,6-Dinitro-2-methylphenol	10.55	198	458	5.858	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	13539	3.368	ng	#	1
74) Fluoranthene	12.45	202	75332	3.444	ng		100
77) Pyrene	12.67	202	143756	5.631	ng		98
80) Benzo(a)anthracene	13.90	228	77236	4.191	ng		95
82) Chrysene	13.90	228	77236	4.019	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	32430	2.319	ng		95
87) Benzo(b)fluoranthene	14.89	252	100950	6.335	ng	#	96
88) Benzo(k)fluoranthene	14.89	252	100950	6.567	ng		98
89) Benzo(a)pyrene	15.23	252	64660	4.509	ng	#	93
91) Benzo(g,h,i)perylene	17.09	276	42663	3.701	ng	#	91

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

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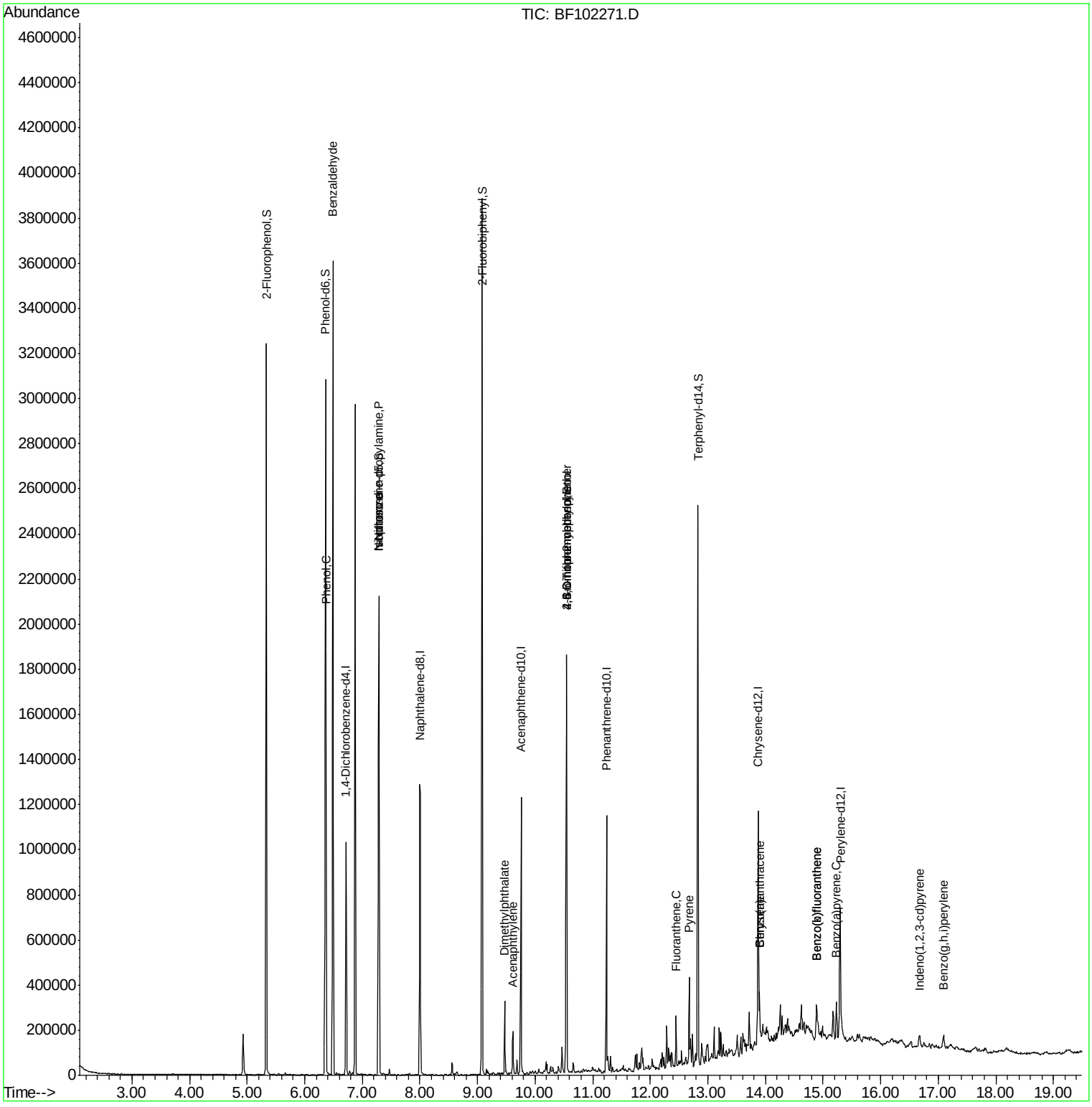
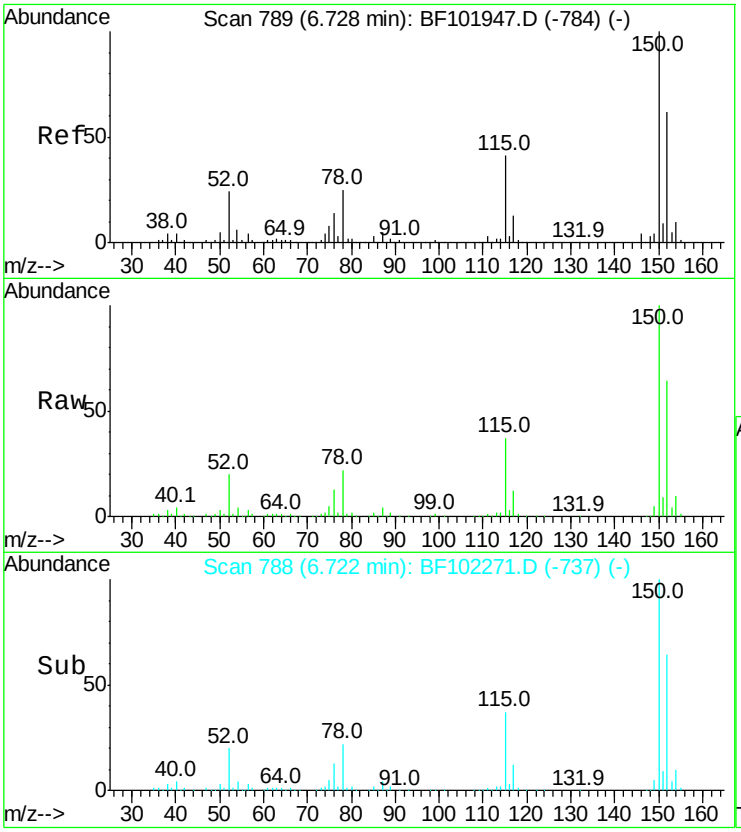


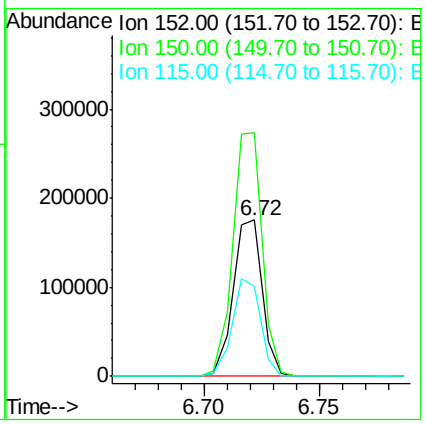


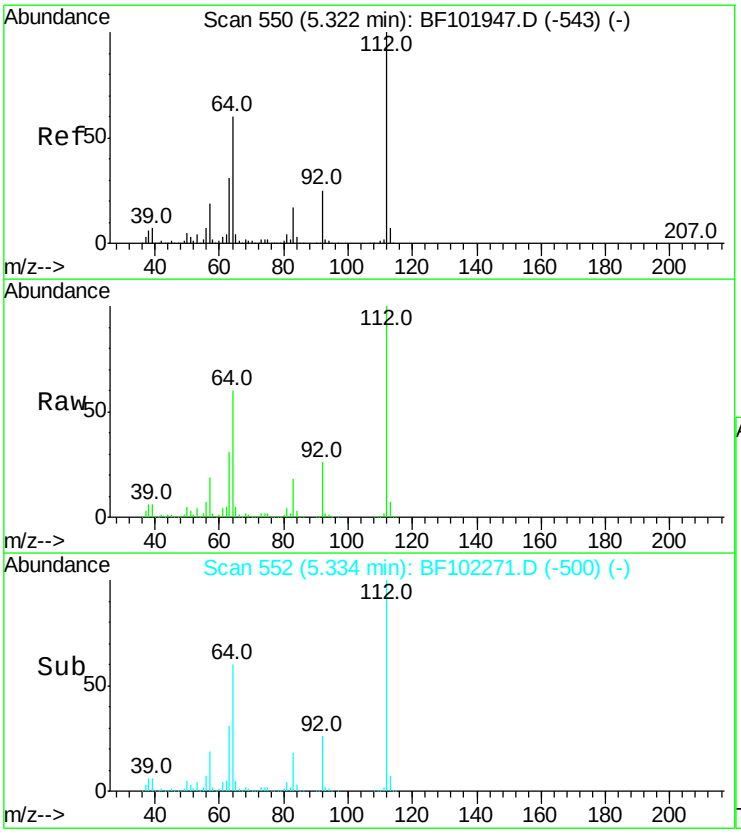
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 154493

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	57.9	50.1	75.1

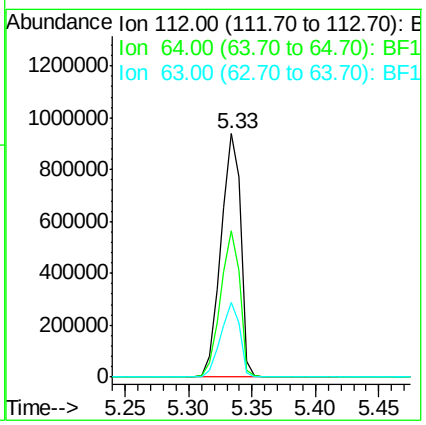


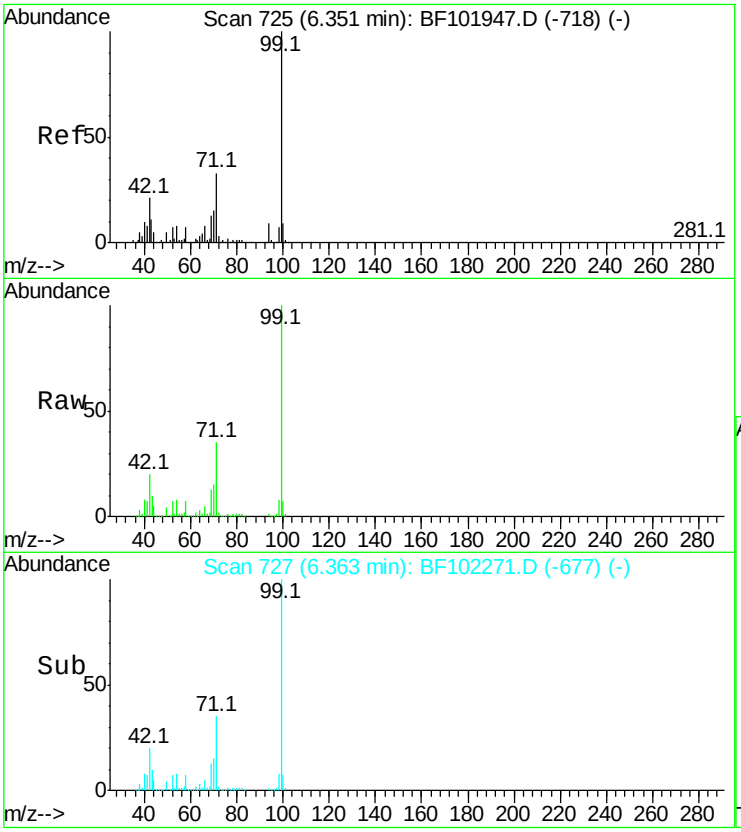


#5
2-Fluorophenol
Concen: 92.701 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion:112 Resp: 1014219

Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	30.7	23.7	35.5



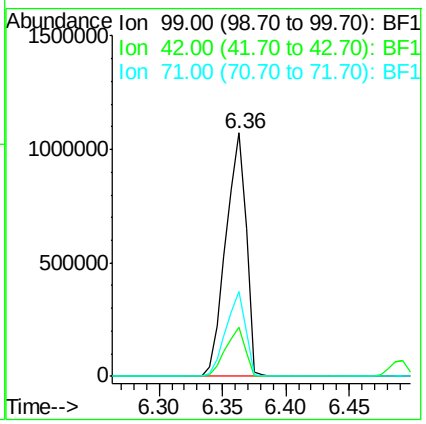


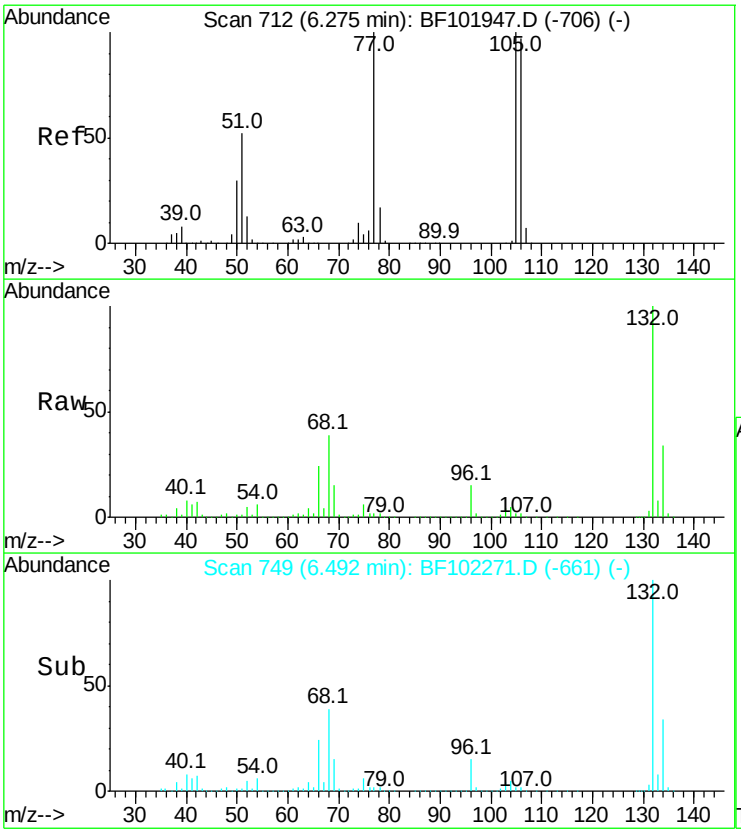
#7
Phenol-d6
Concen: 91.528 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1194757

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	34.7	25.4	38.0

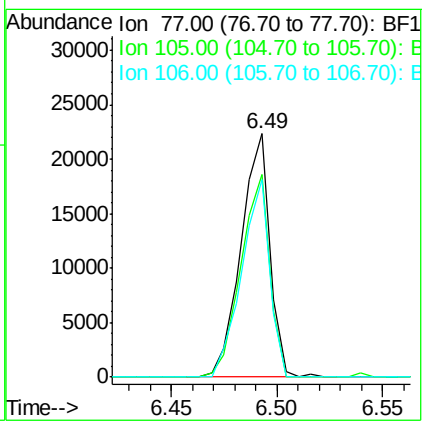


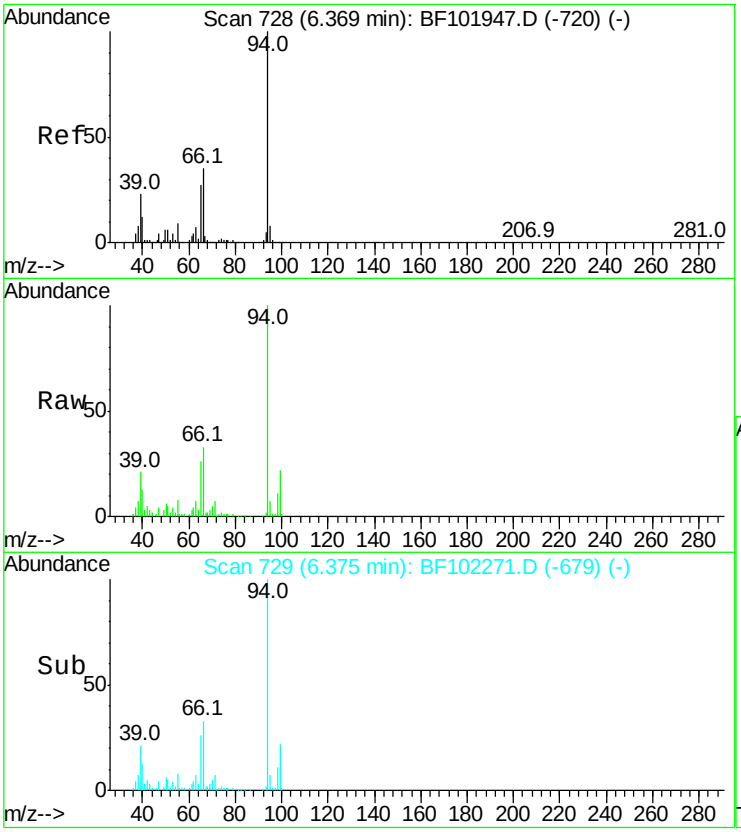


#9
Benzaldehyde
Concen: 2.336 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion: 77 Resp: 21173

Ion	Ratio	Lower	Upper
77	100		
105	83.2	81.1	121.1
106	81.2	74.5	114.5



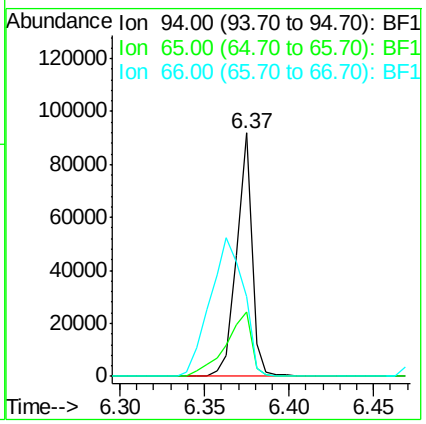


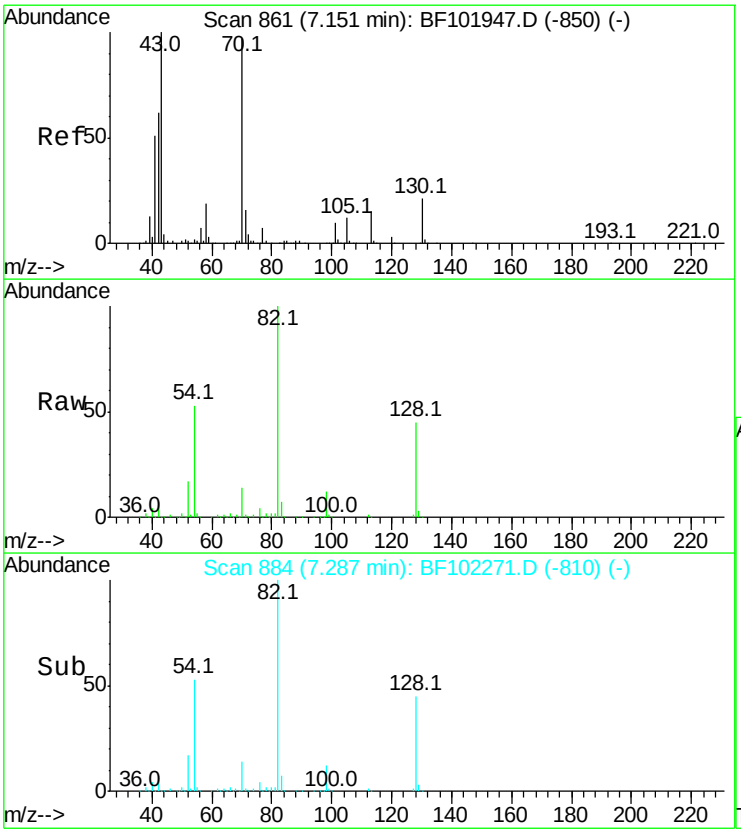
#10
Phenol
Concen: 3.898 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 57507

Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	32.8	16.2	56.2

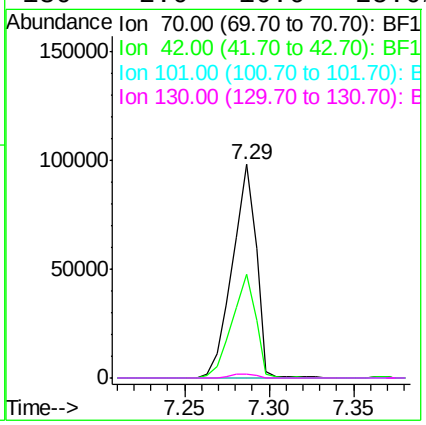


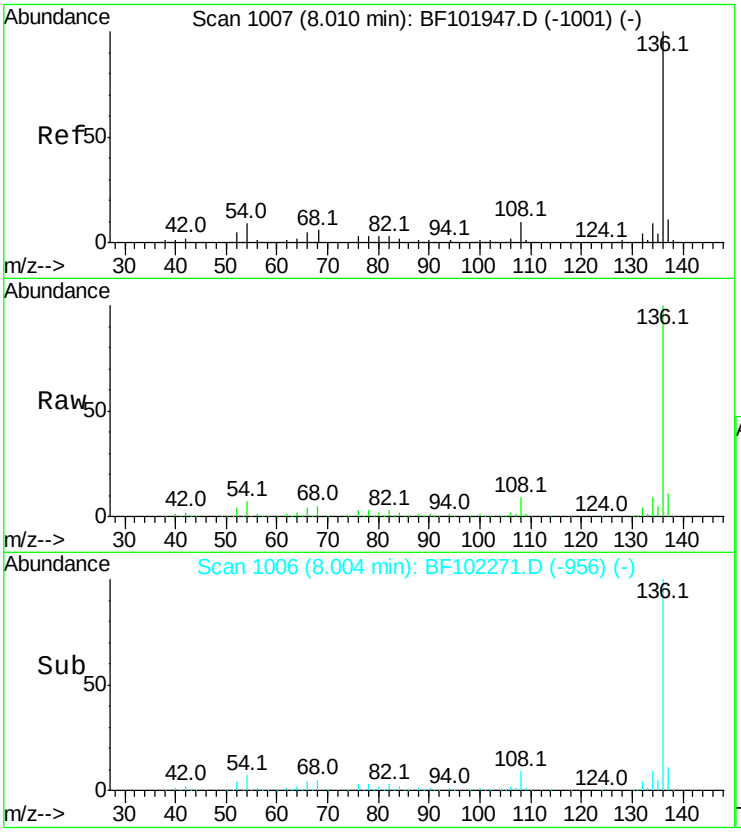


#19
n-Nitroso-di-n-propylamine
Concen: 11.313 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion: 70 Resp: 96778

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



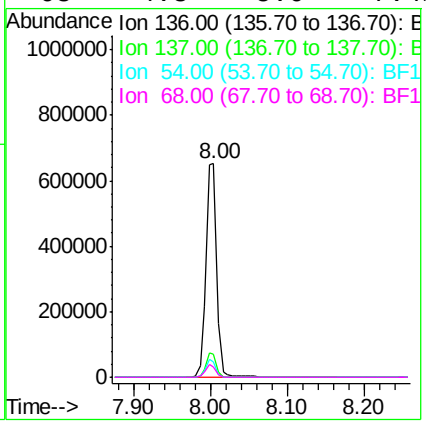


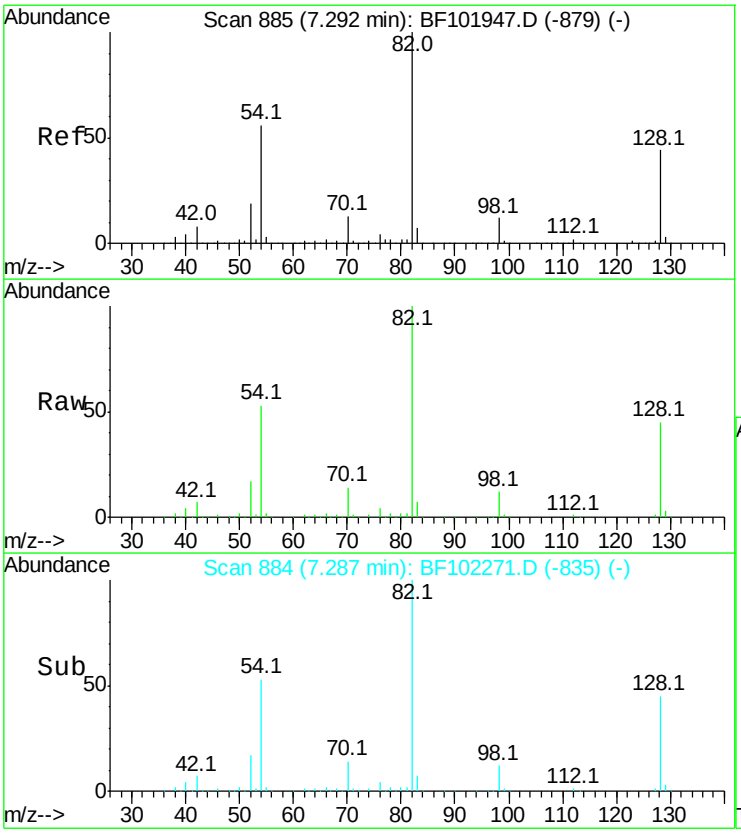
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 625974

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.1	6.6	9.8
68	4.8	5.0	7.4#

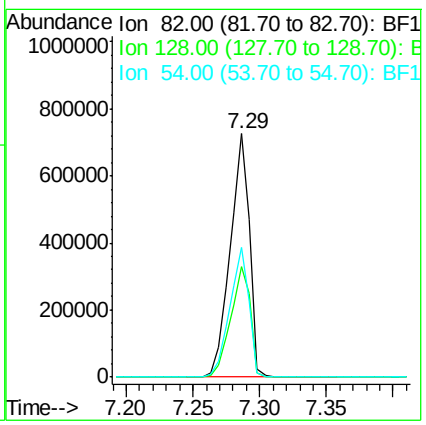


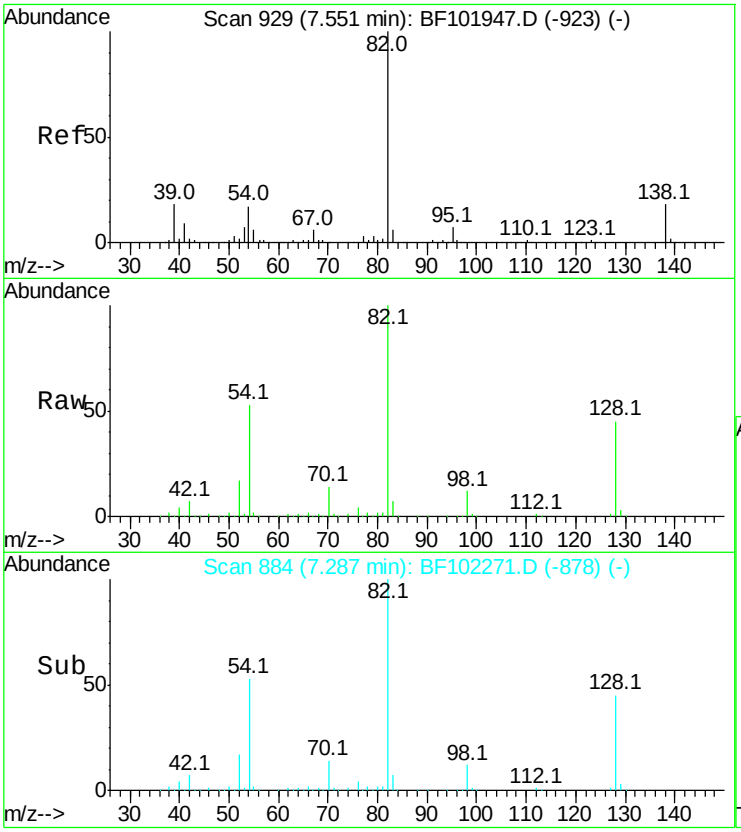


#23
Nitrobenzene-d5
Concen: 69.422 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion: 82 Resp: 739507

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	53.2	41.4	62.2



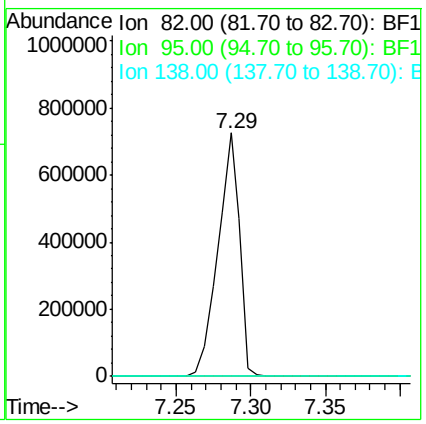


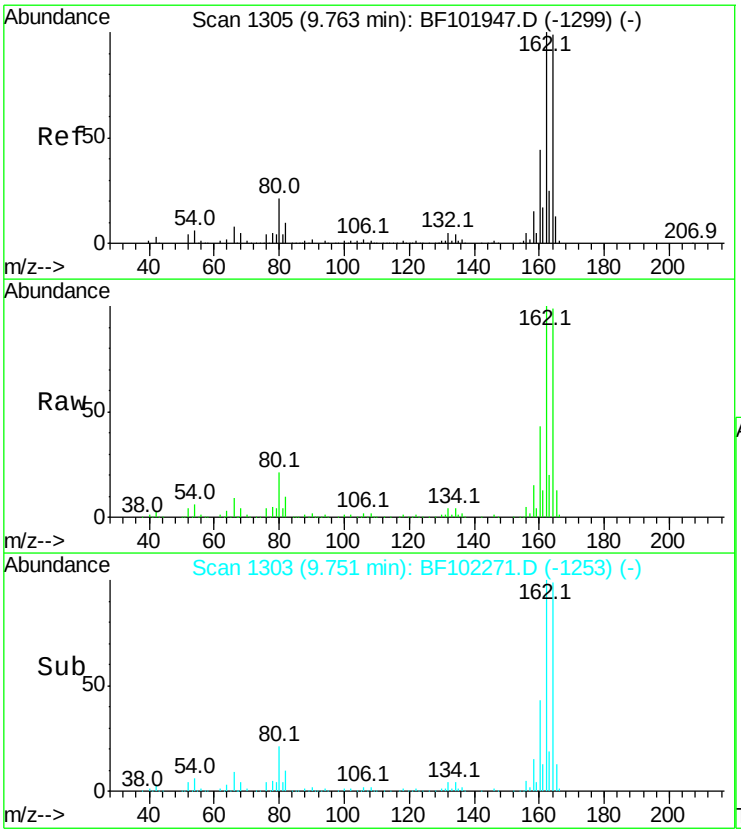
#25
Isophorone
Concen: 34.982 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 736307

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

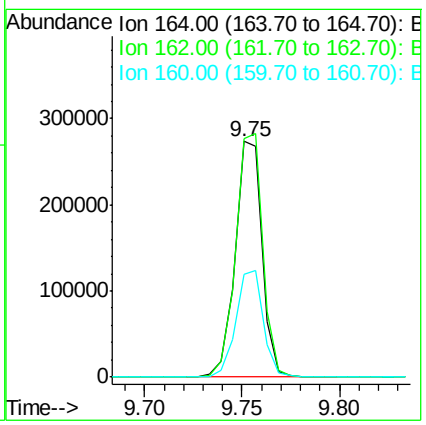


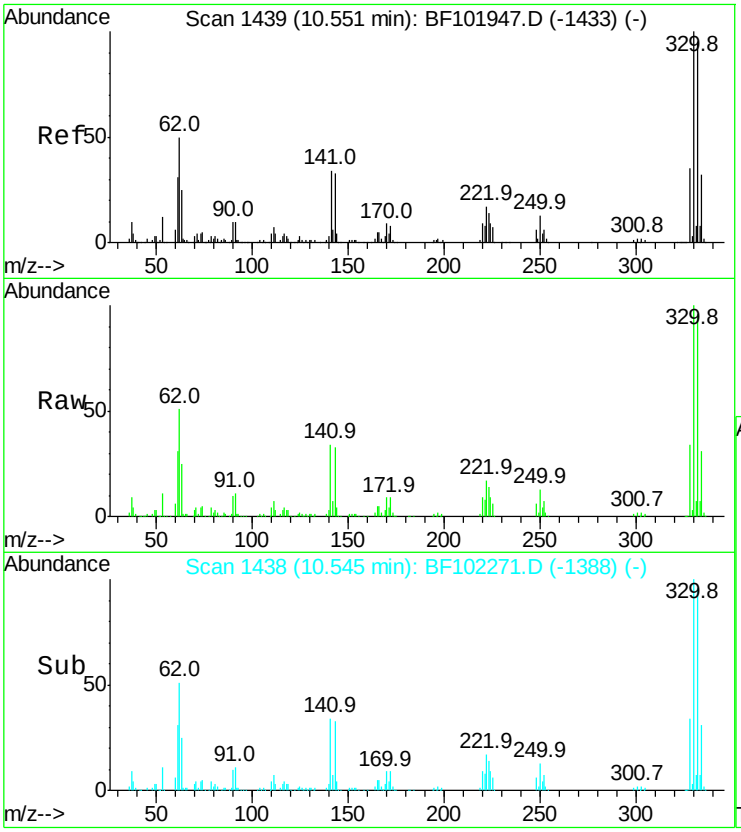


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion:164 Resp: 260336

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	43.5	38.3	57.5



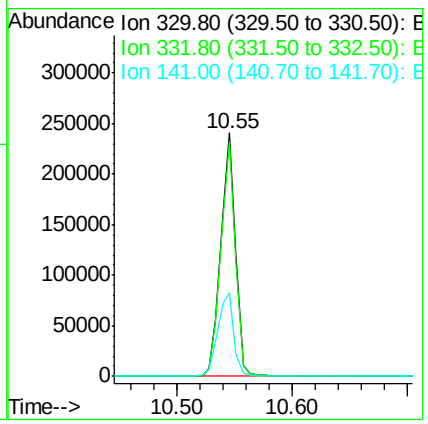


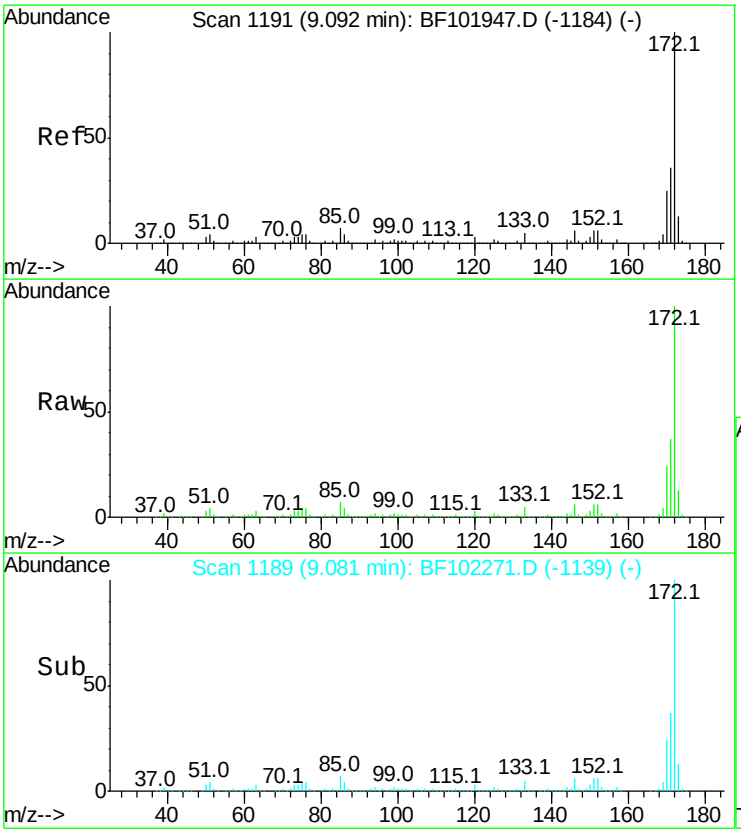
#41
2,4,6-Tribromophenol
Concen: 94.354 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 214364

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	37.3	29.9	44.9

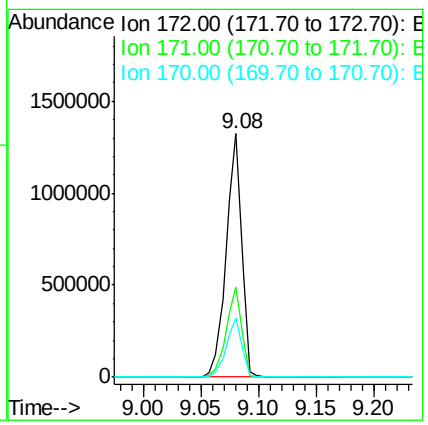


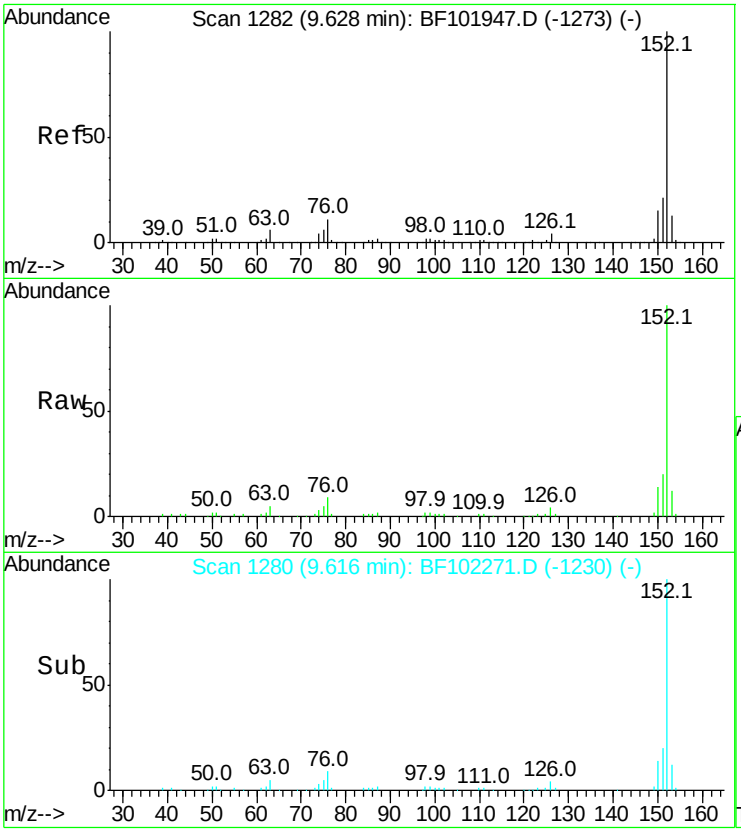


#44
2-Fluorobiphenyl
Concen: 73.468 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion:172 Resp: 1224259

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.4	19.6	29.4



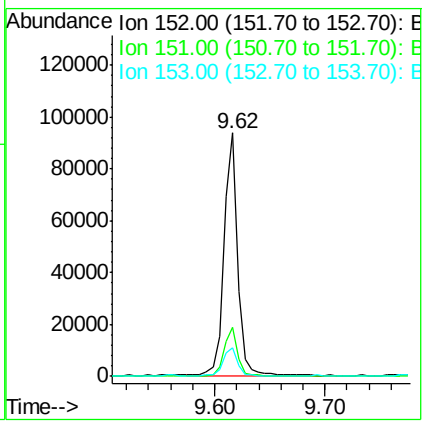


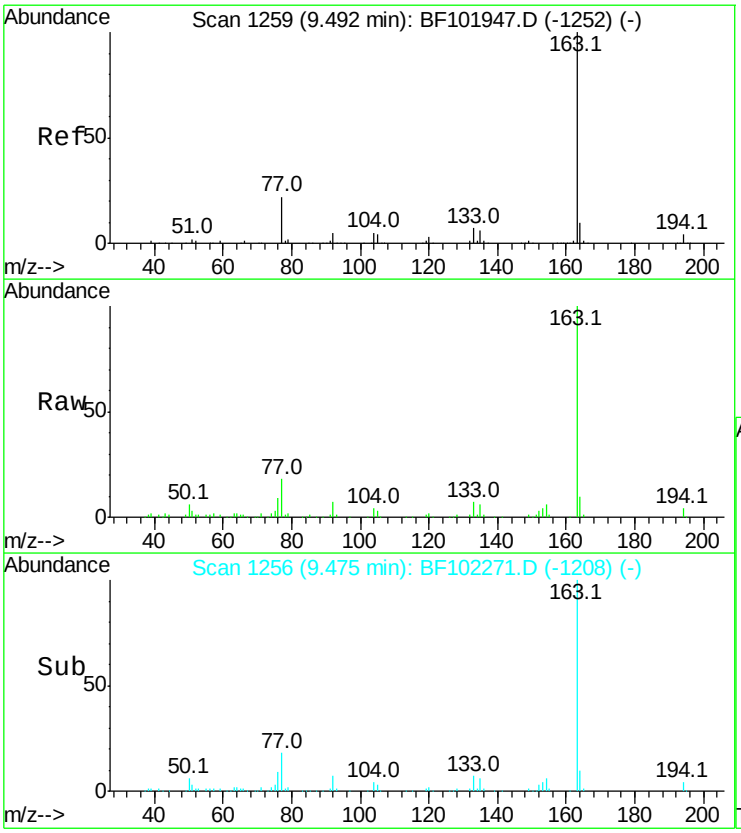
#48
Acenaphthylene
Concen: 2.932 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 83029

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.0	10.7	16.1

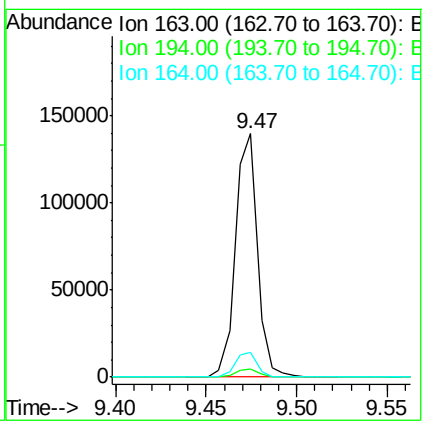


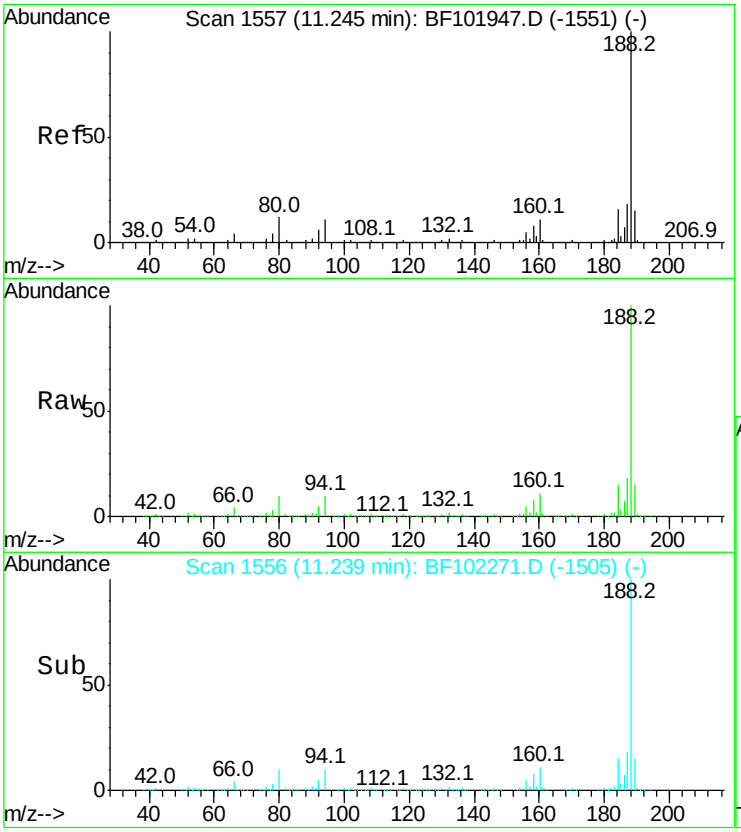


#49
Dimethylphthalate
Concen: 5.670 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion:163 Resp: 118418

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2



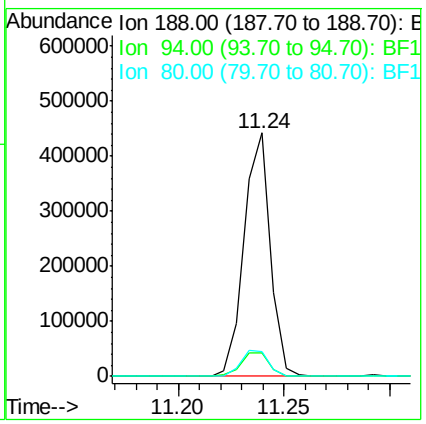


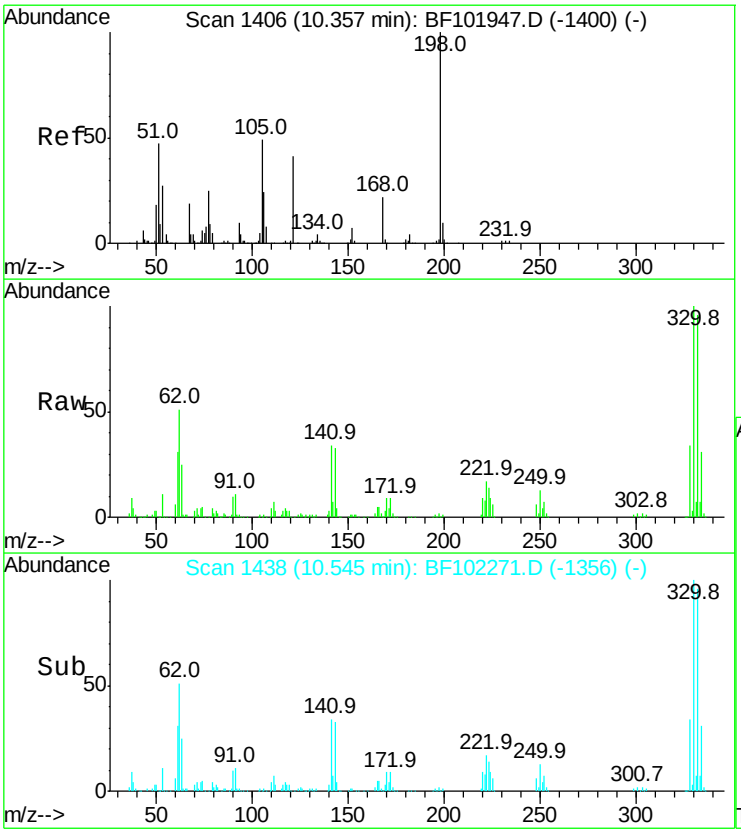
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 380653

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.3	9.2	13.8

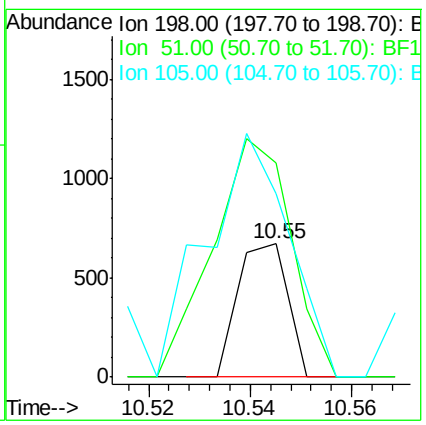


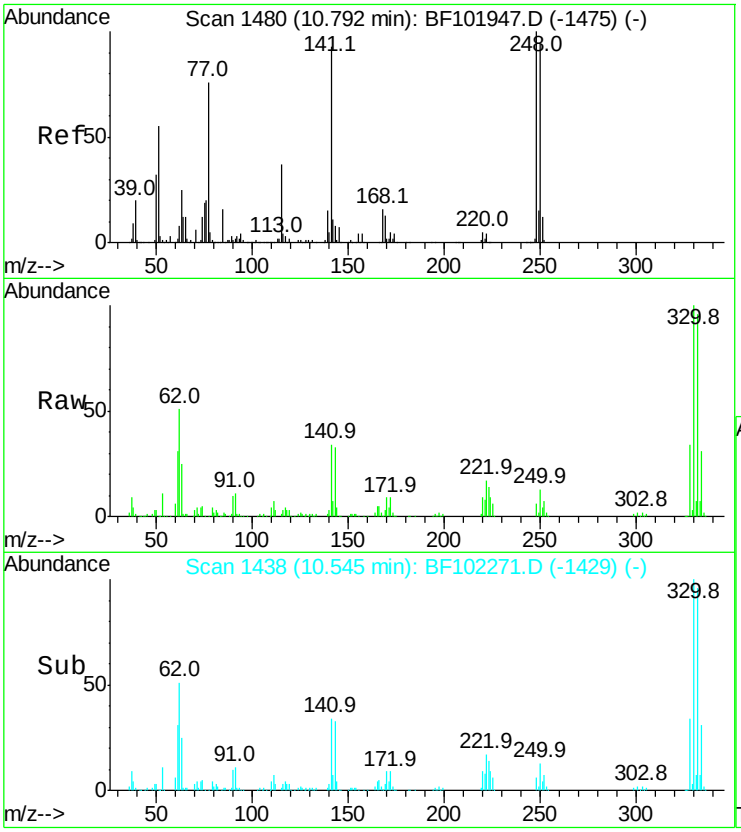


#64
4,6-Dinitro-2-methylphenol
Concen: 5.858 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion:198 Resp: 458

Ion	Ratio	Lower	Upper
198	100		
51	161.0	37.7	77.7#
105	138.1	36.3	76.3#



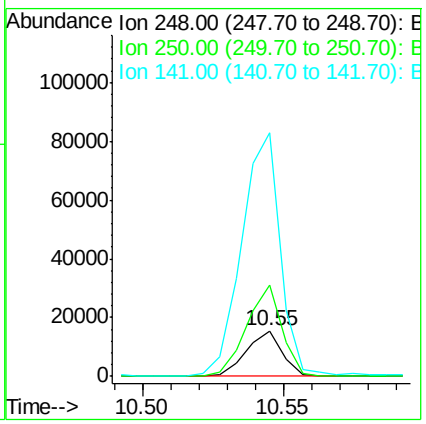


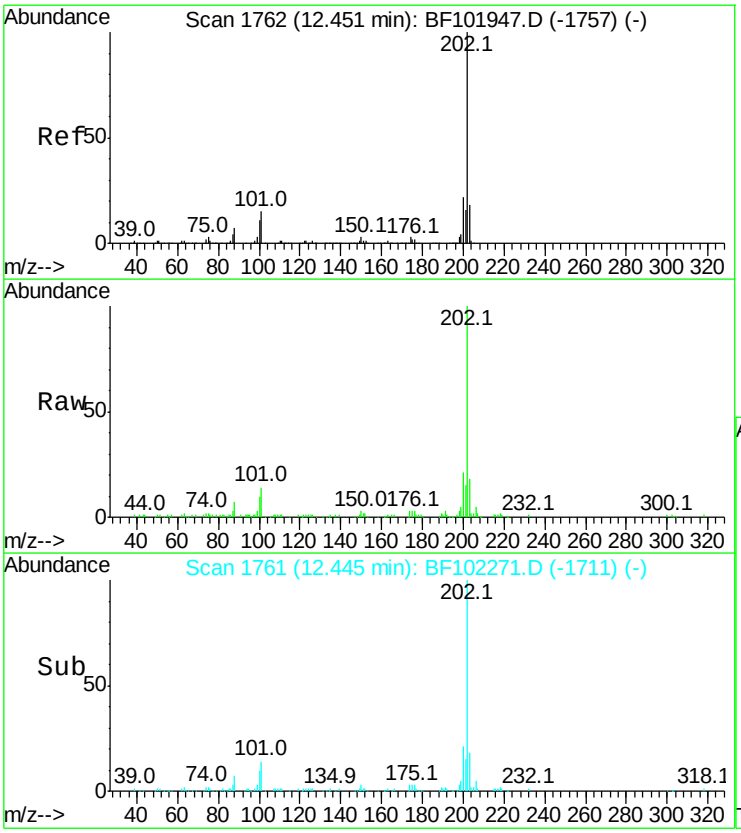
#66
4-Bromophenyl-phenylether
Concen: 3.368 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13539

Ion	Ratio	Lower	Upper
248	100		
250	202.2	76.9	115.3#
141	538.6	74.4	111.6#

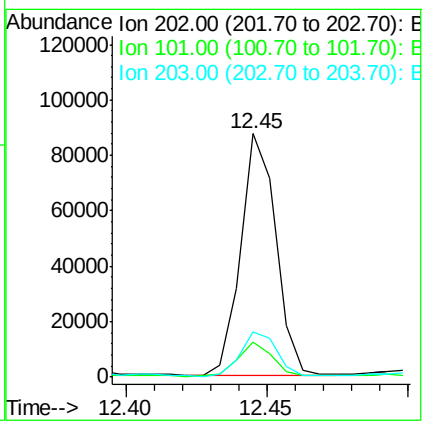


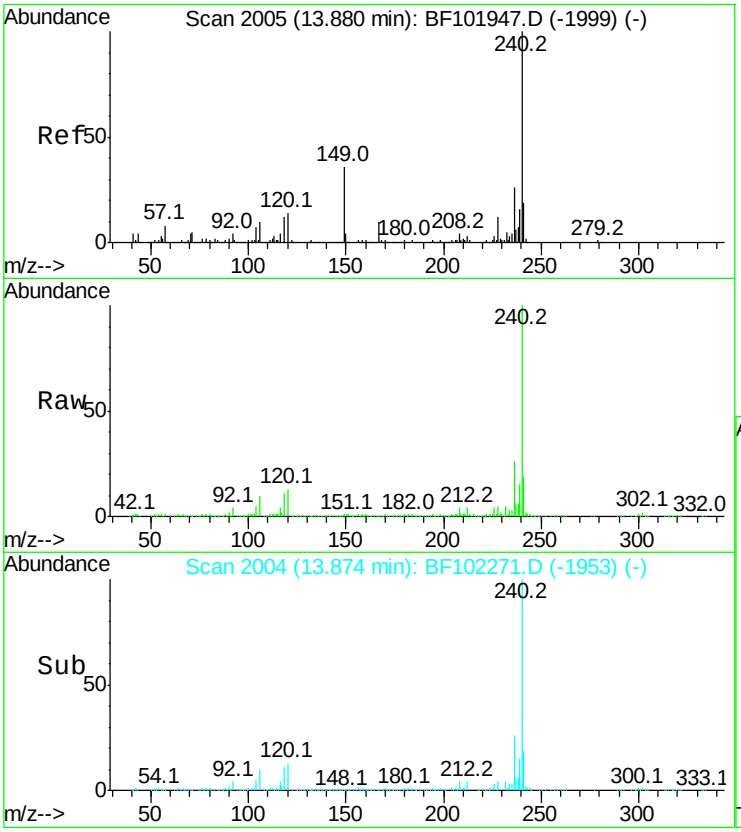


#74
Fluoranthene
Concen: 3.444 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion:202 Resp: 75332

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	18.5	0.0	38.1



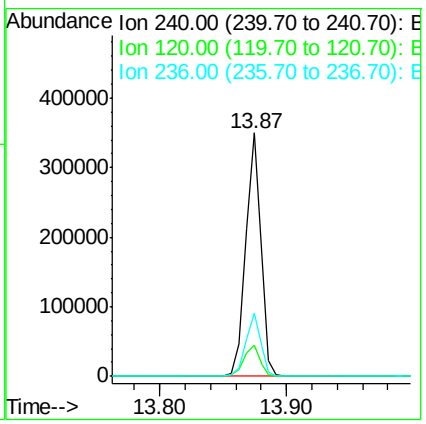


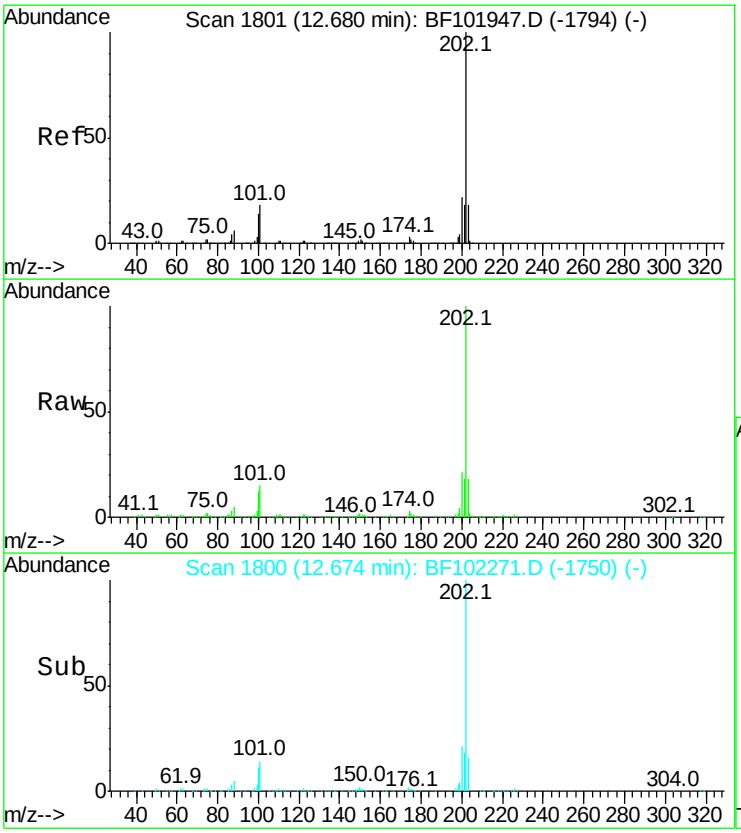
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 288839

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.0	20.7	31.1

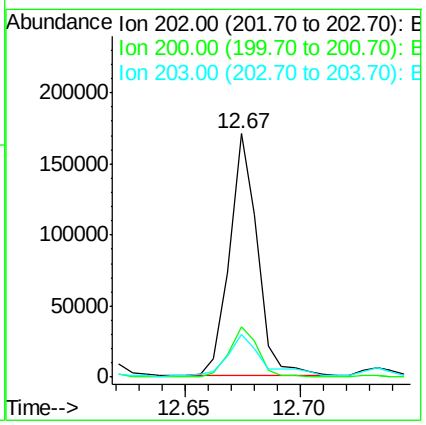


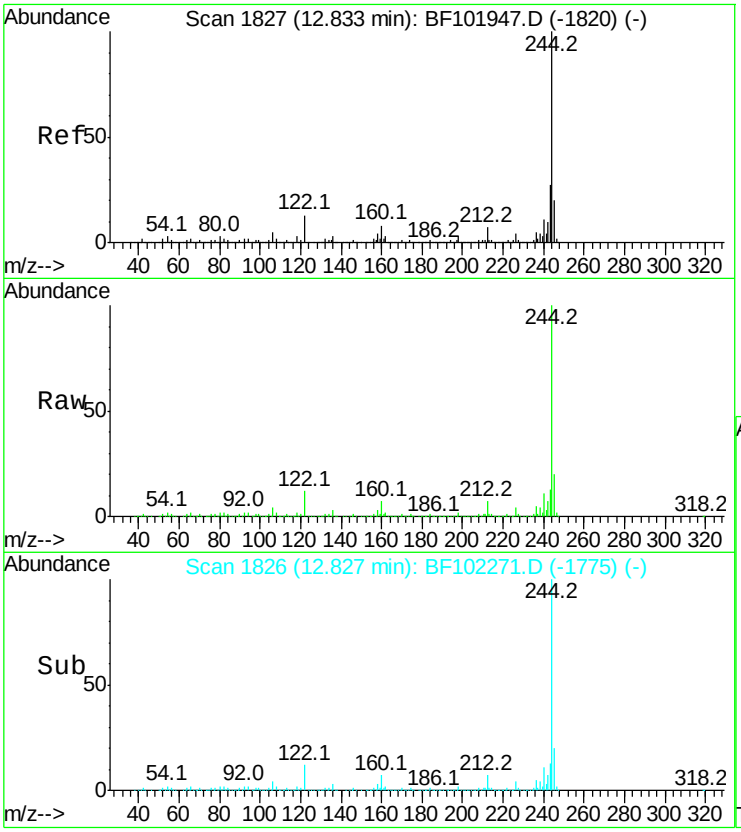


#77
Pyrene
Concen: 5.631 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion:202 Resp: 143756

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.3	21.5



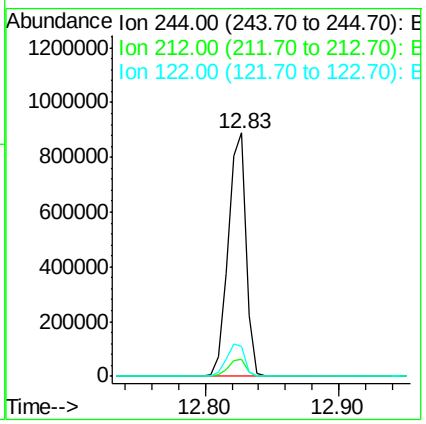


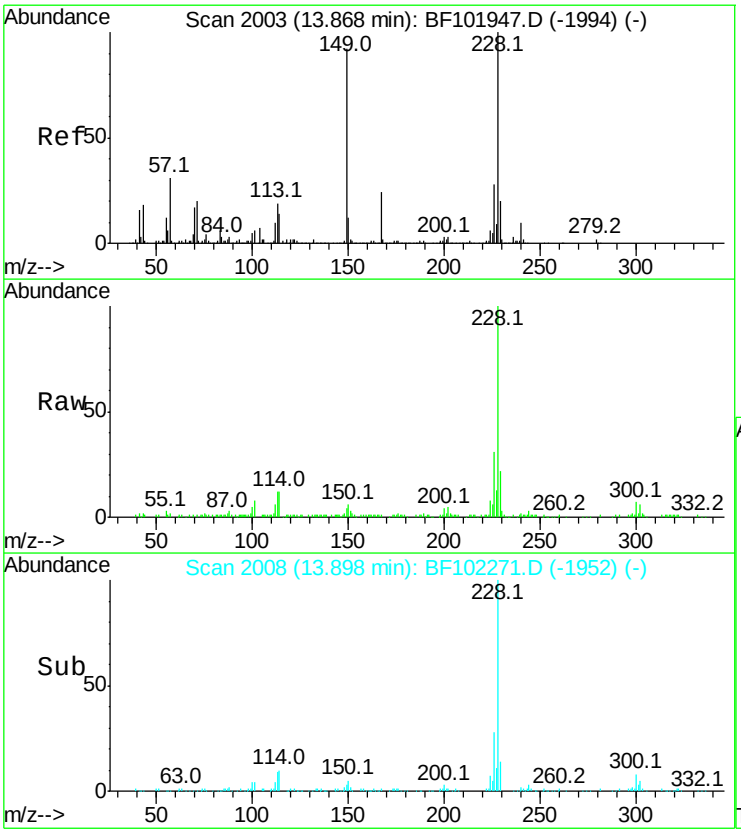
#78
Terphenyl-d14
Concen: 60.516 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 841865

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.3	11.0	16.4

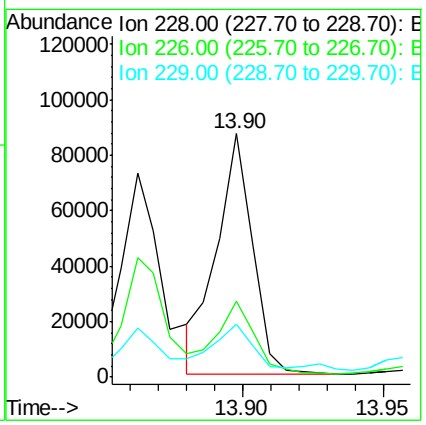


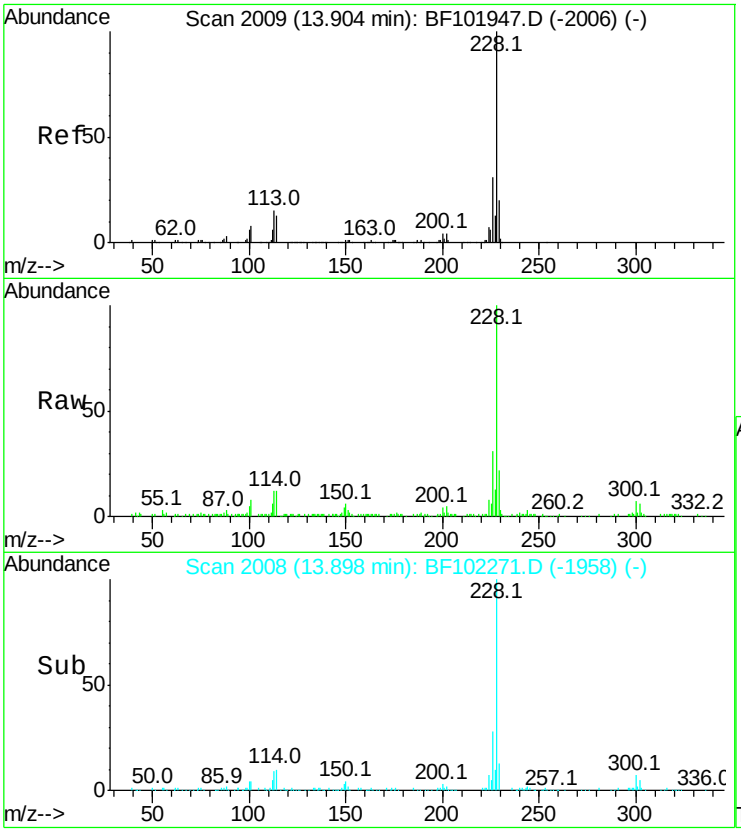


#80
Benzo(a)anthracene
Concen: 4.191 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion:228 Resp: 77236

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	21.8	15.8	23.6



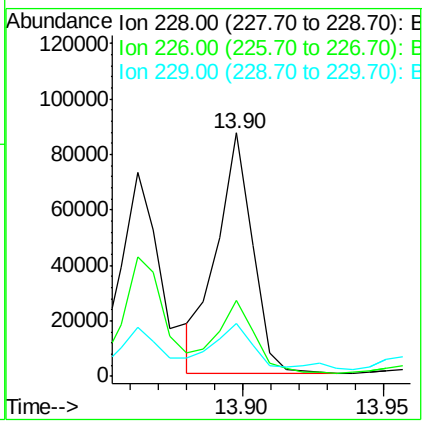


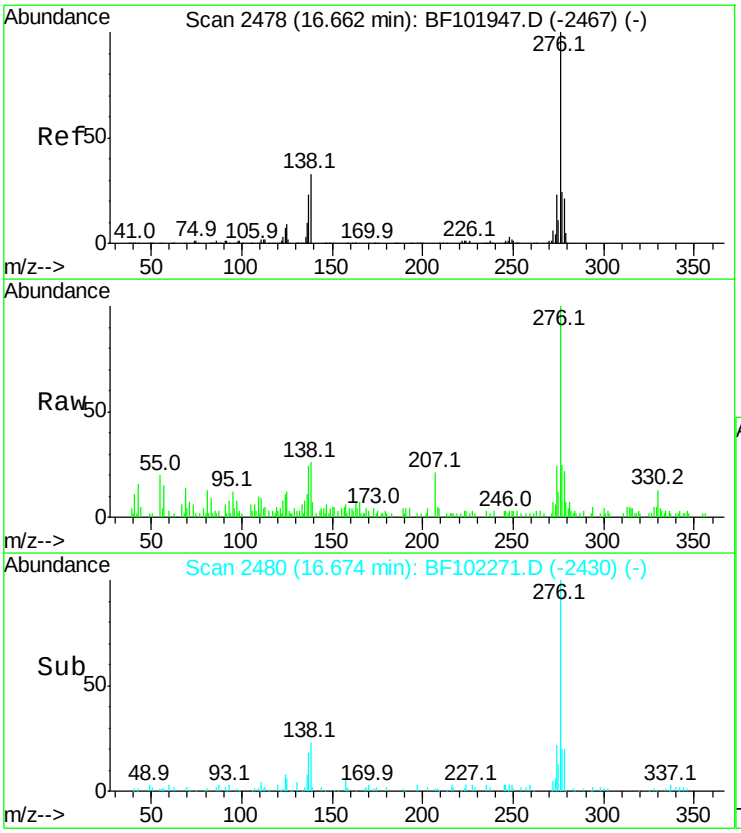
#82
Chrysene
Concen: 4.019 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 77236

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.8	16.2	24.4

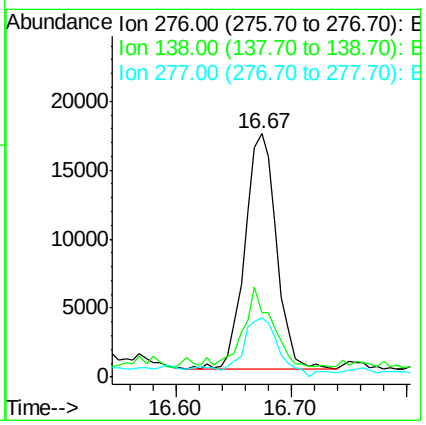


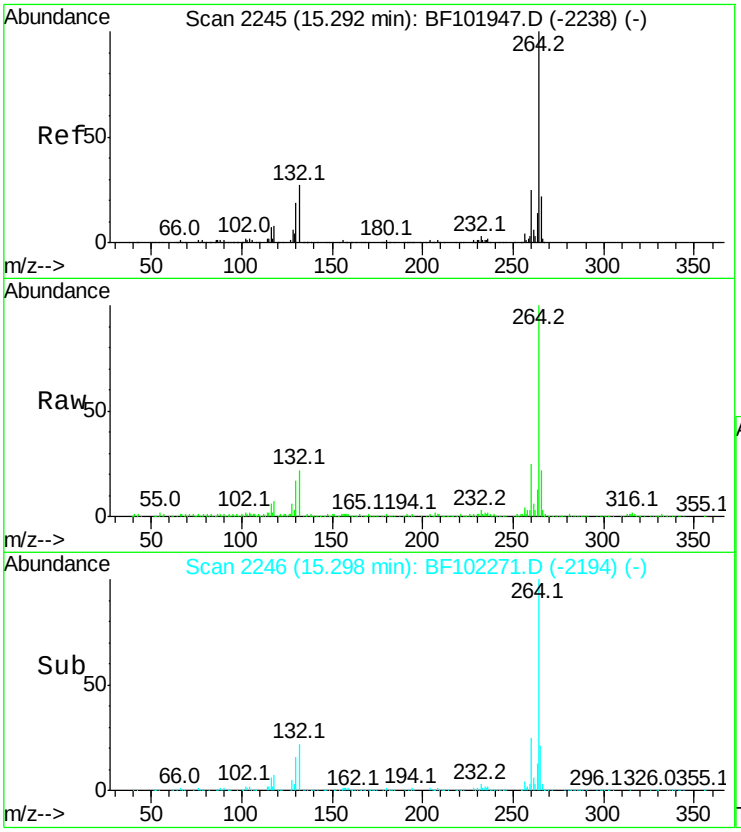


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.319 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion:276 Resp: 32430

Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	28.5	20.1	30.1



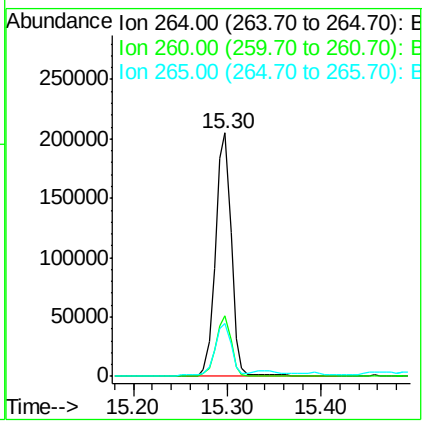


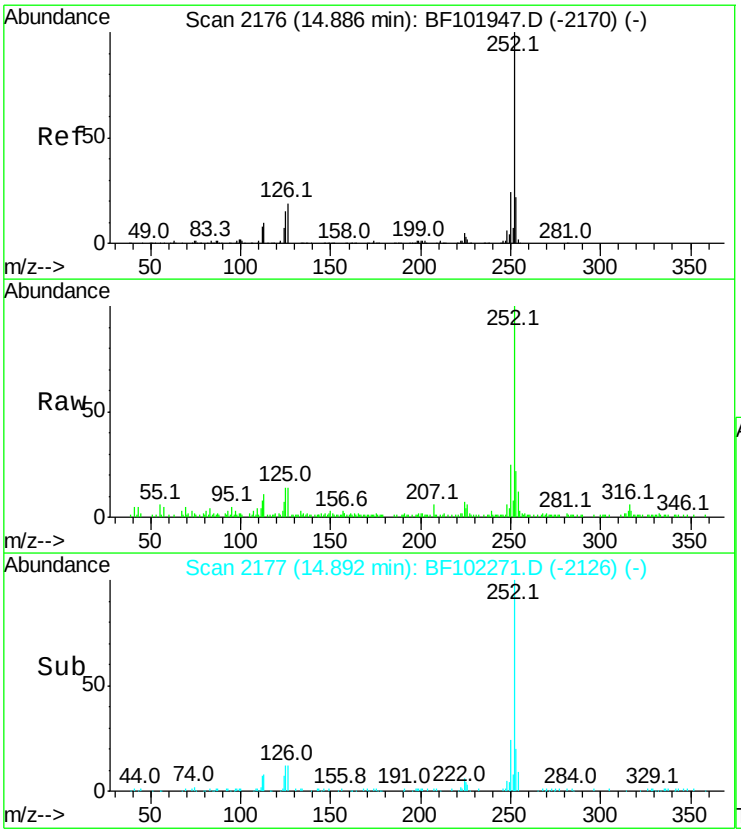
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 244381

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.6	17.5	26.3

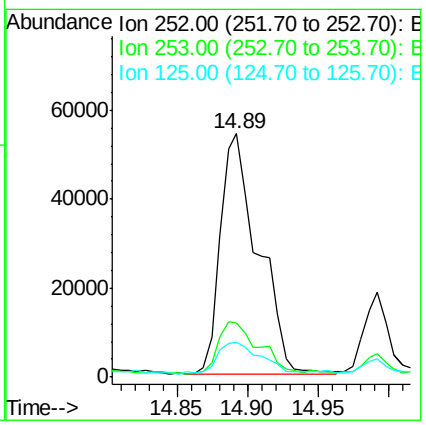


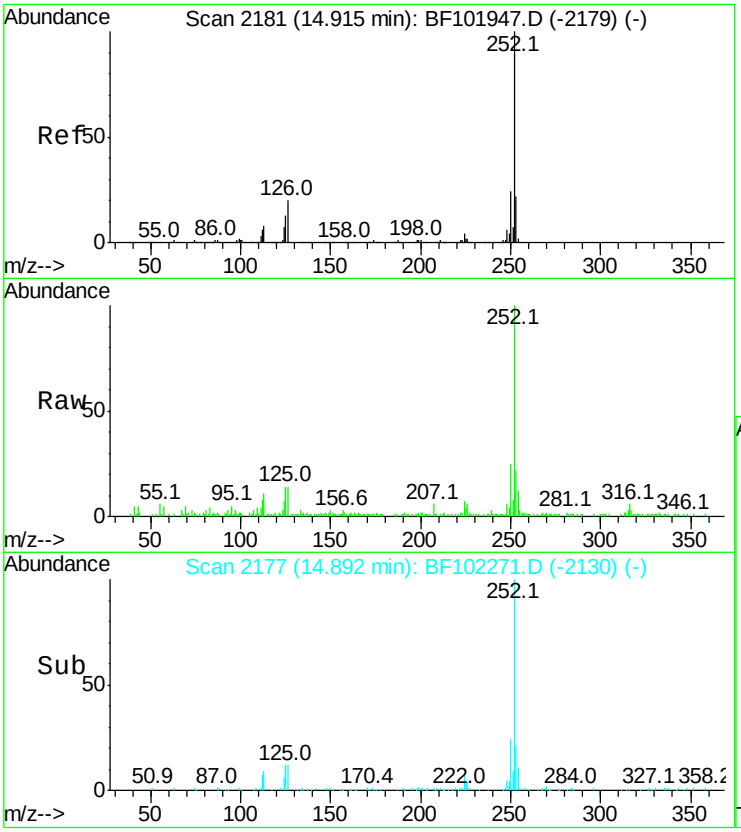


#87
Benzo(b)fluoranthene
Concen: 6.335 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion:252 Resp: 100950

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	14.1	9.0	13.6#



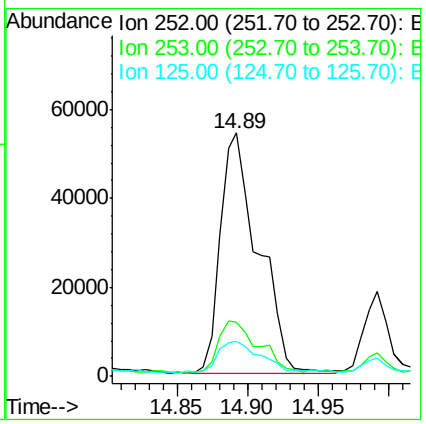


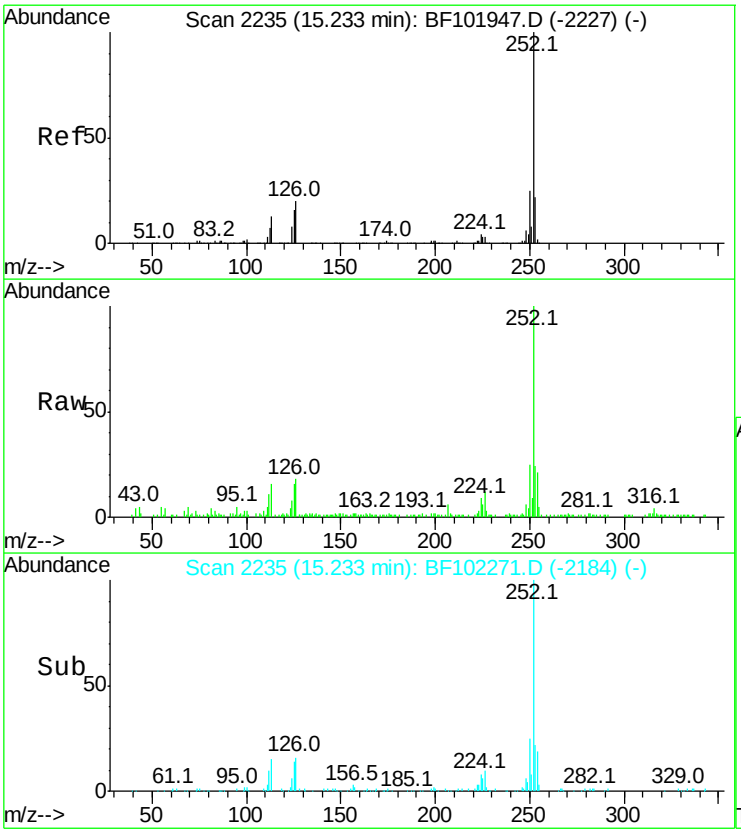
#88
Benzo(k)fluoranthene
Concen: 6.567 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 100950

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.1	10.2	15.2

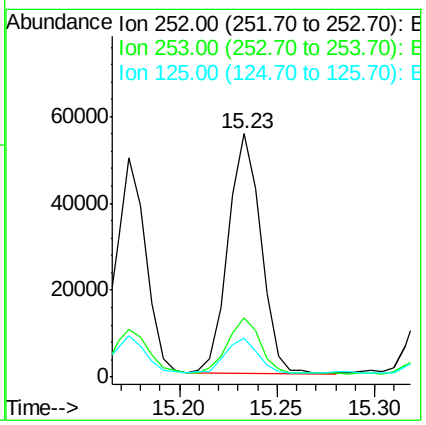


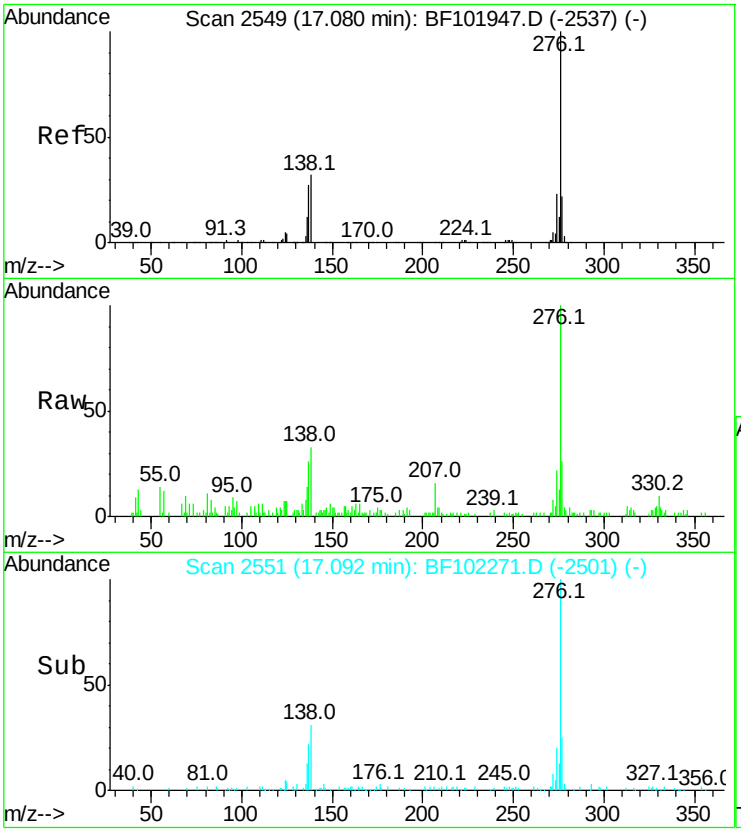


#89
Benzo(a)pyrene
Concen: 4.509 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Tgt Ion:252 Resp: 64660

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	15.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.701 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF102271.D
Acq: 20 Jan 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 42663

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	32.8	21.8	32.8#