Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102725.D
Acq On : 3 Feb 2018 18:57
Operator : SJ/JU
Sample : J1436-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 05 01:26:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	198013	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	809094	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	333387	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	476326	20.00	ng		0.00
75) Chrysene-d12	14.04	240	365518	20.00	ng		0.00
86) Perylene-d12	15.52	264	367741	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1253460	96.13	ng		0.01
7) Phenol-d6	6.50	99	1469897	93.63	ng		0.00
23) Nitrobenzene-d5	7.44	82	900602	77.22	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	257967	96.14	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1436239	71.49	ng		0.00
78) Terphenyl-d14	12.99	244	955073	61.87	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	66538	3.955	ng		95
19) n-Nitroso-di-n-propylamine	7.44	70	121961	11.783	ng	#	83
25) Isophorone	7.44	82	900403	33.526	ng	#	64
32) Benzoic acid	7.91	122	149	8.561	ng	#	36
47) 2-Nitroaniline	9.53	65	132	3.490	ng	#	2
49) Dimethylphthalate	9.63	163	203283	7.820	ng		99
55) 4-Nitrophenol	10.12	139	170	4.056	ng	#	44
56) 2,4-Dinitrotoluene	9.92	165	43394	9.199	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	441	8.998	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	17338	3.441	ng	#	1

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

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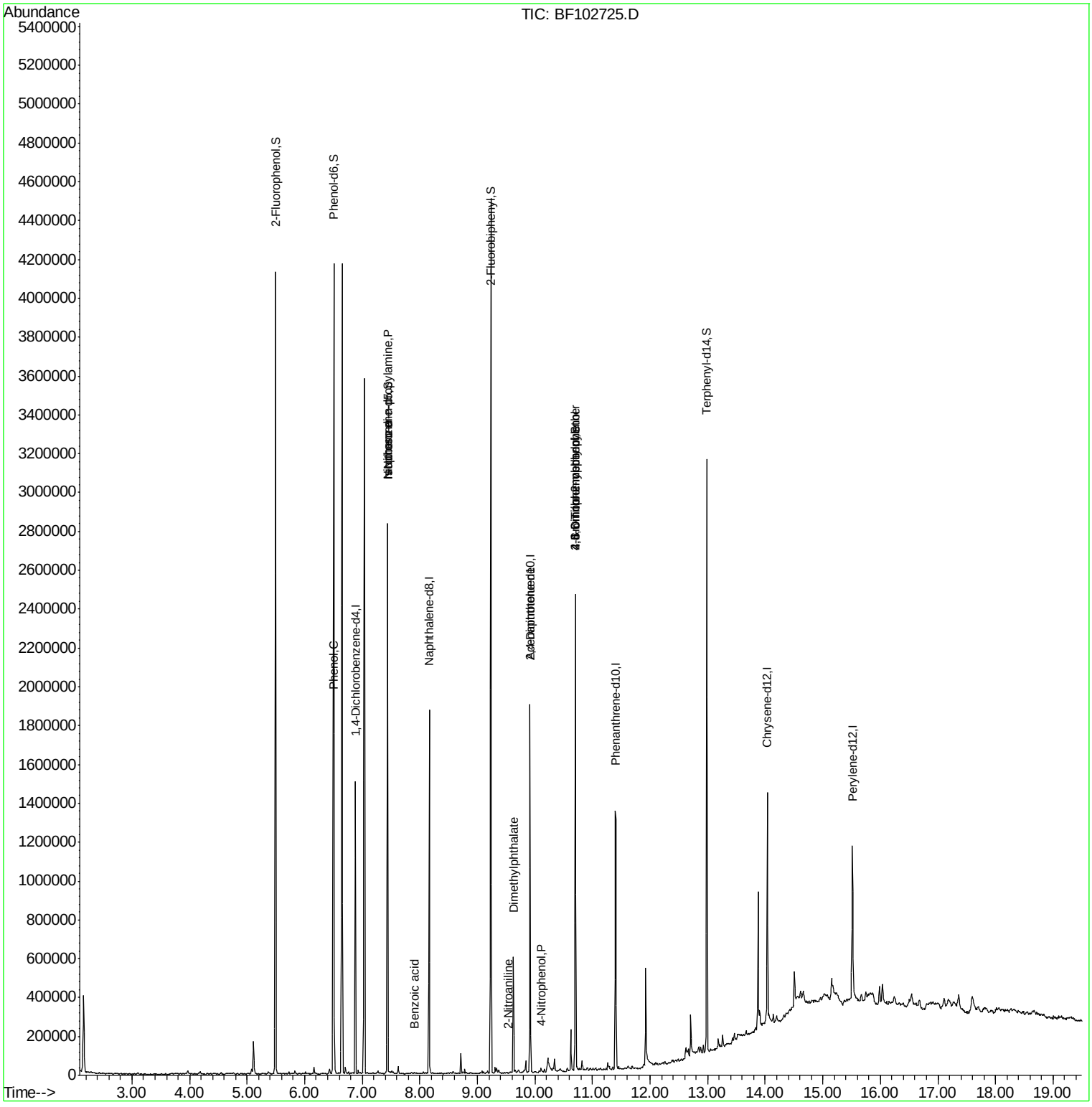
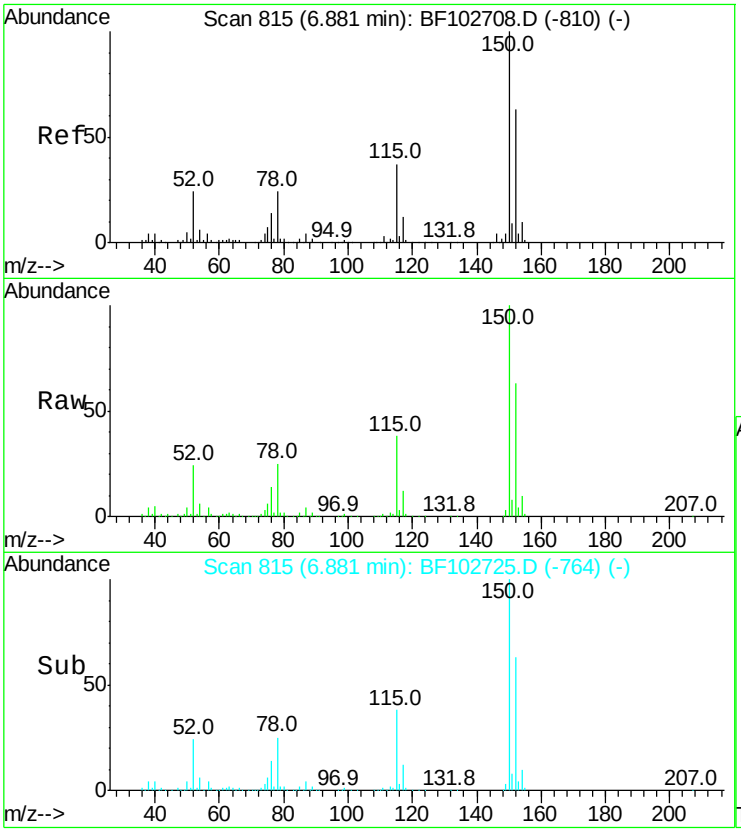


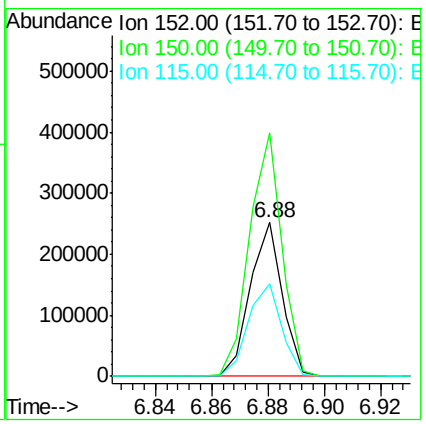


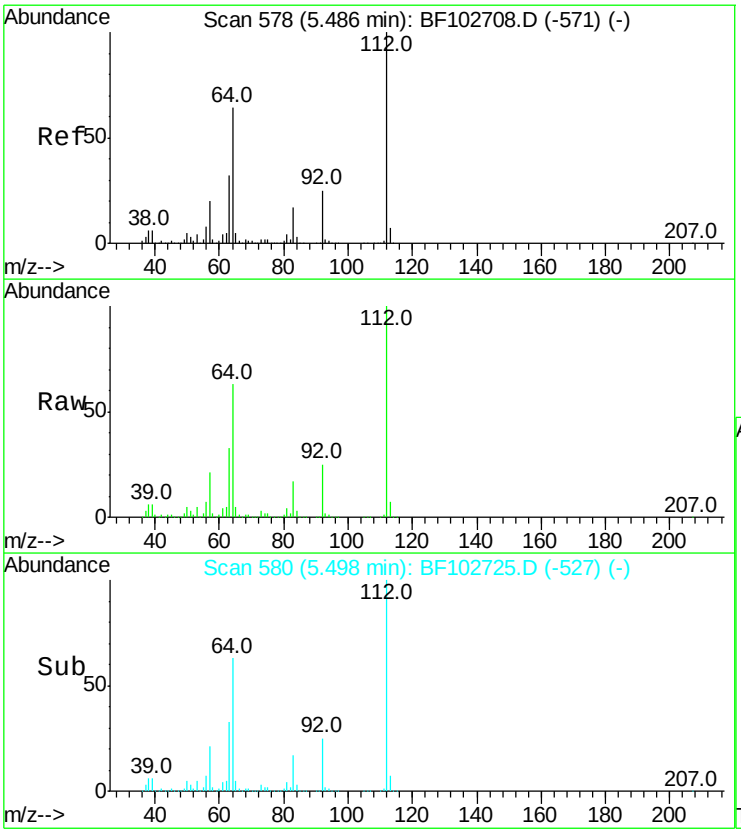
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 198013

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	60.1	50.1	75.1

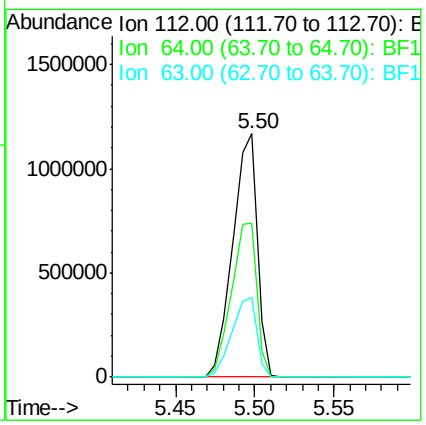


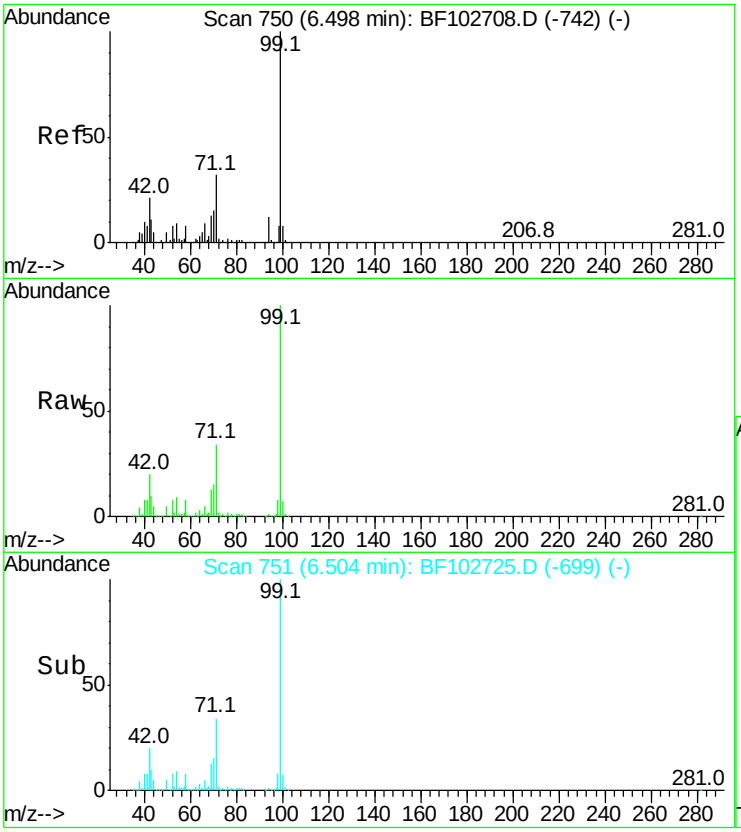


#5
2-Fluorophenol
Concen: 96.135 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion:112 Resp: 1253460

Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.9	71.9
63	32.7	23.7	35.5



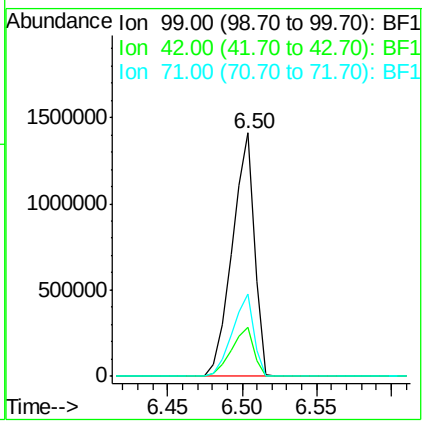


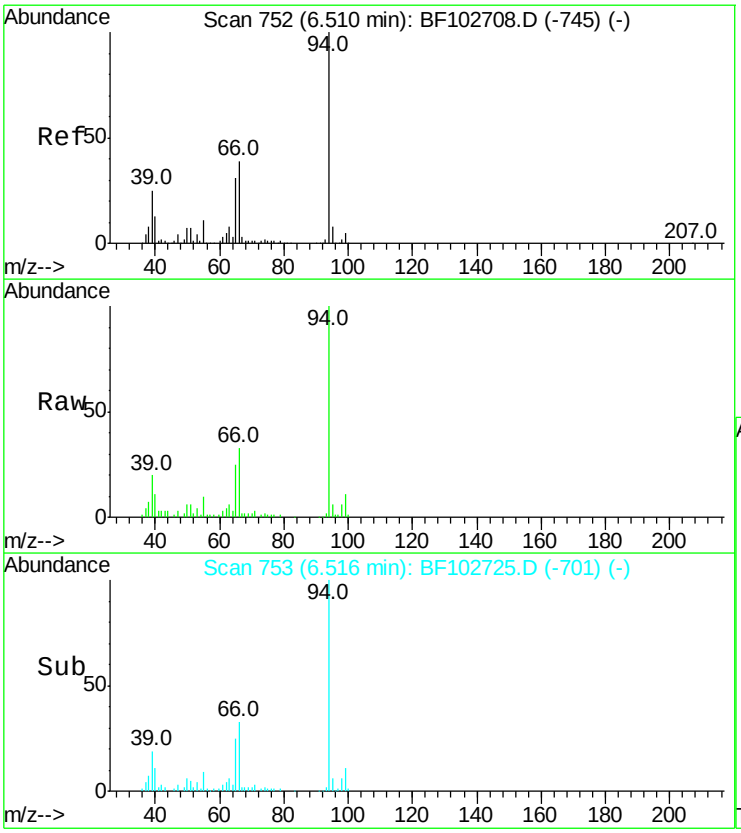
#7
Phenol-d6
Concen: 93.628 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1469897

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	33.7	25.4	38.0

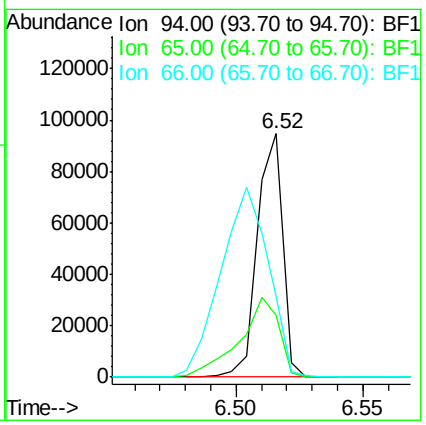


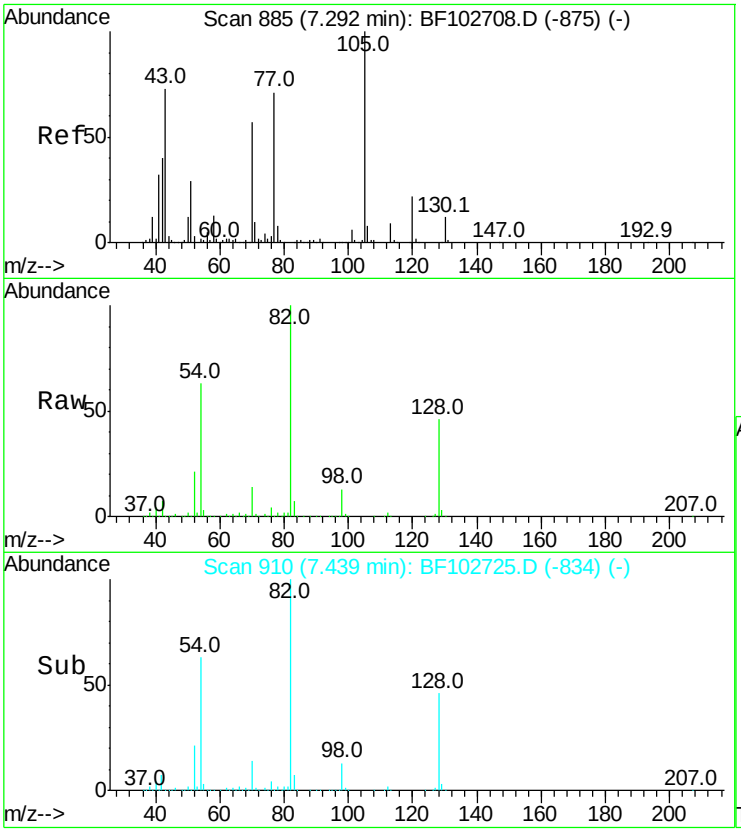


#10
Phenol
Concen: 3.955 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion: 94 Resp: 66538

Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.9	47.9
66	33.1	16.2	56.2



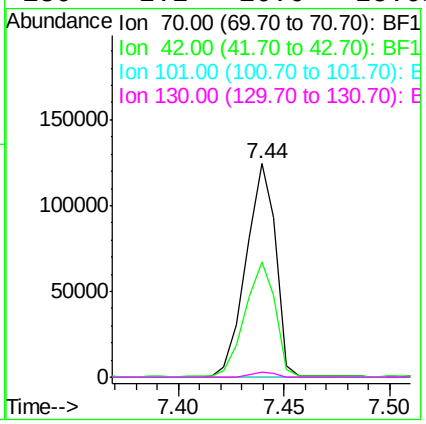


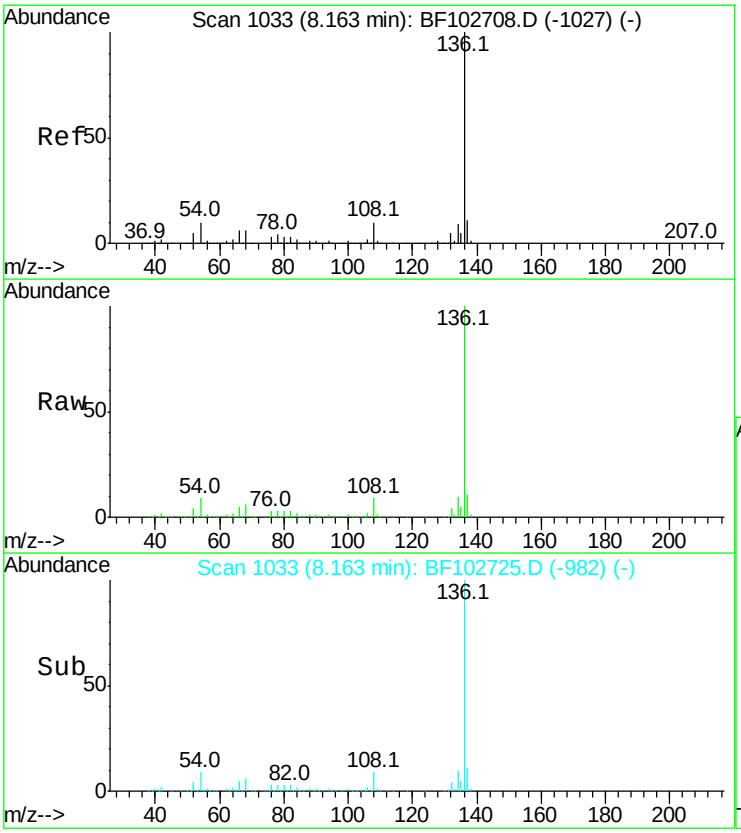
#19
n-Nitroso-di-n-propylamine
Concen: 11.783 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 121961

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

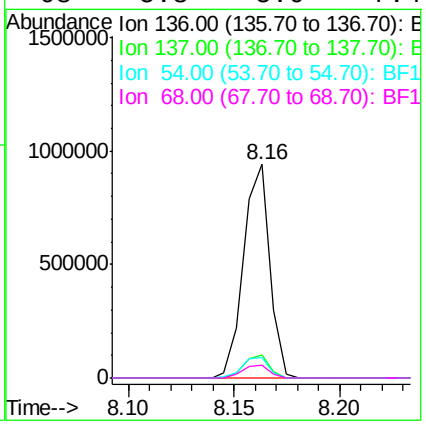


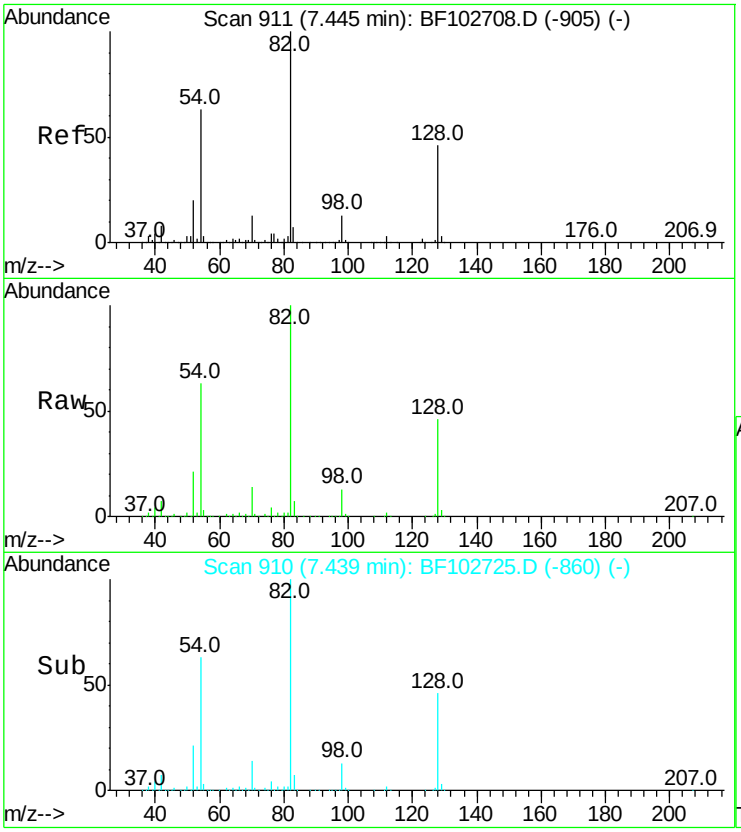


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion:136 Resp: 809094

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	6.6	9.8
68	5.8	5.0	7.4



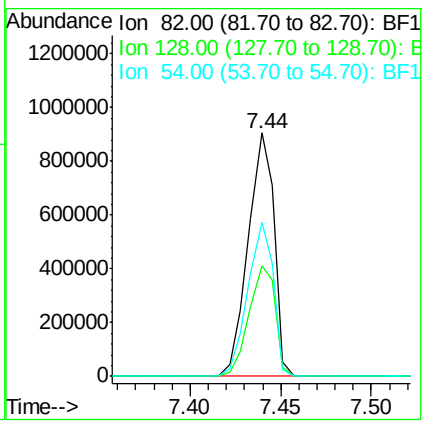


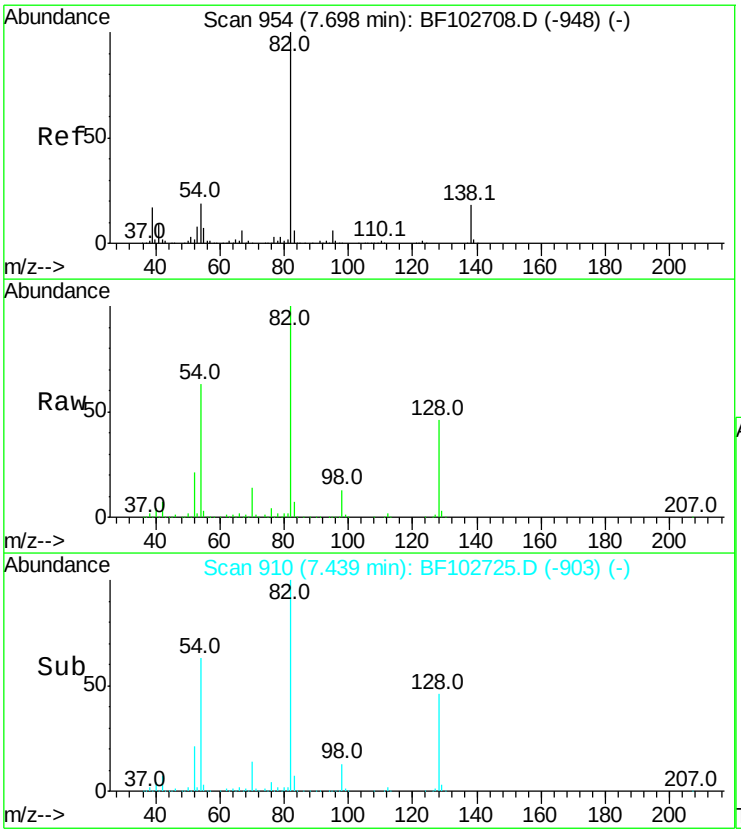
#23
Nitrobenzene-d5
Concen: 77.216 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 900602

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	63.2	41.4	62.2#

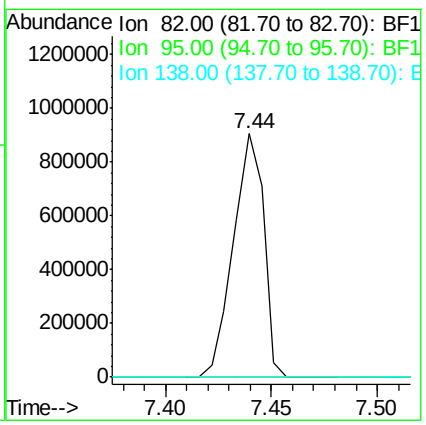


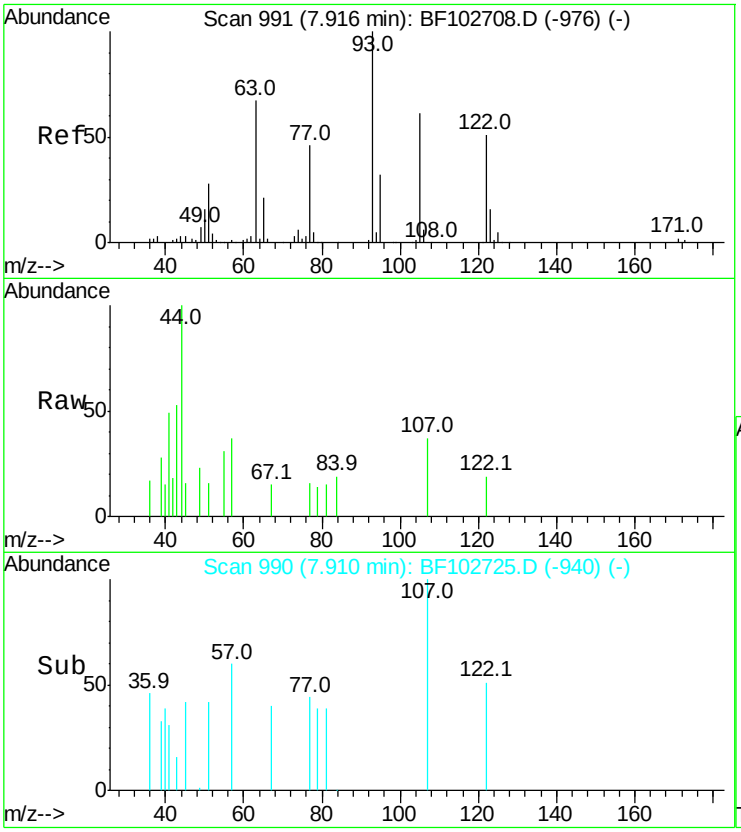


#25
Isophorone
Concen: 33.526 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion: 82 Resp: 900403

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



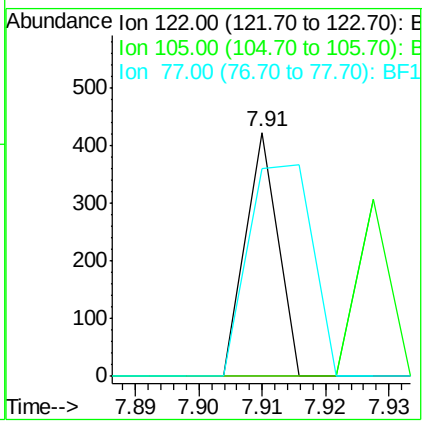


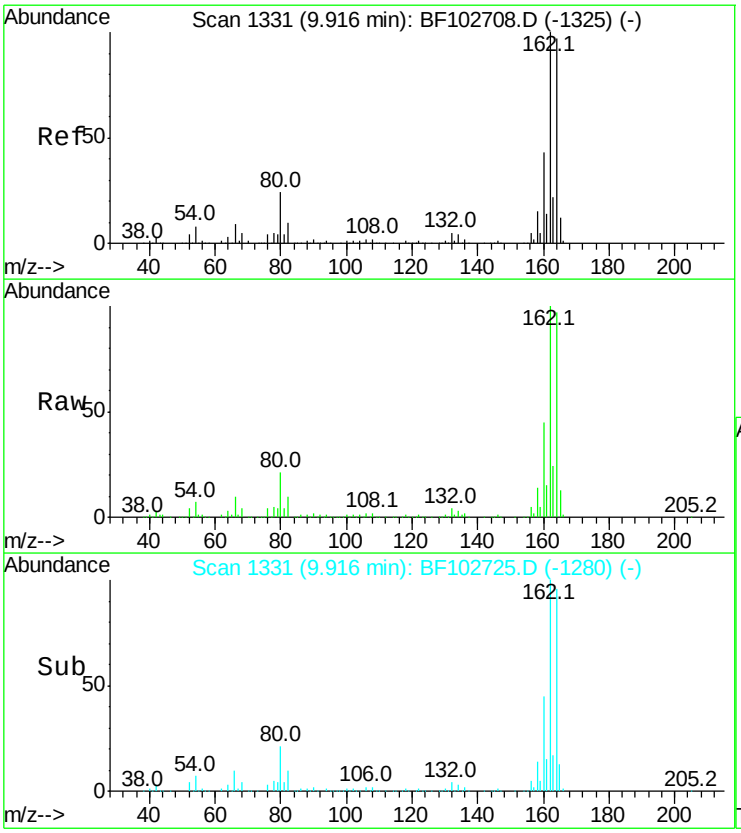
#32
Benzoic acid
Concen: 8.561 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 149

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	85.3	70.7	110.7

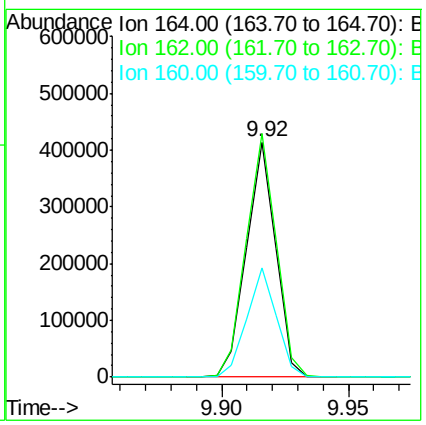


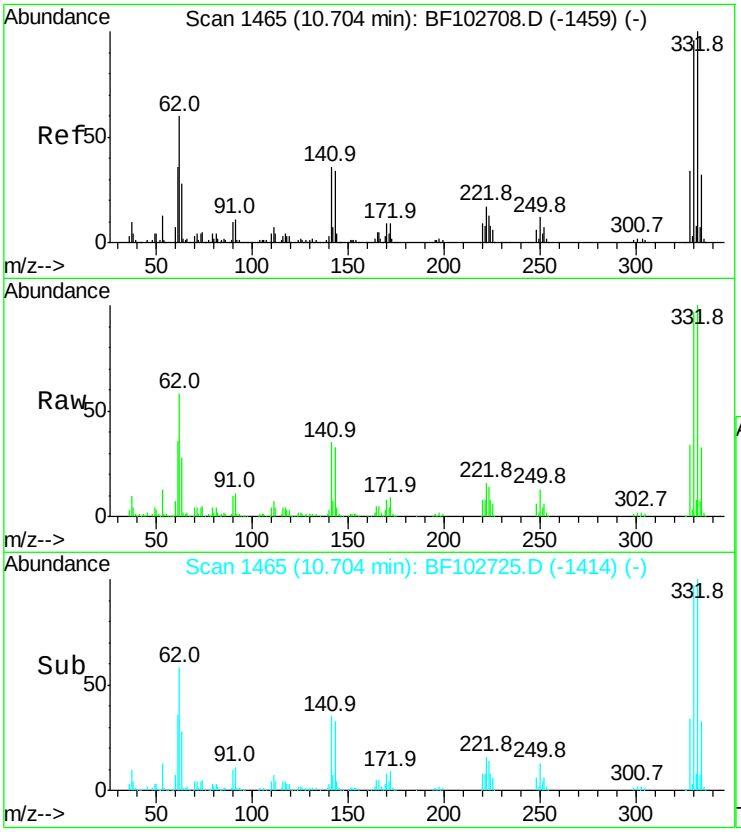


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion:164 Resp: 333387

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.6	38.3	57.5



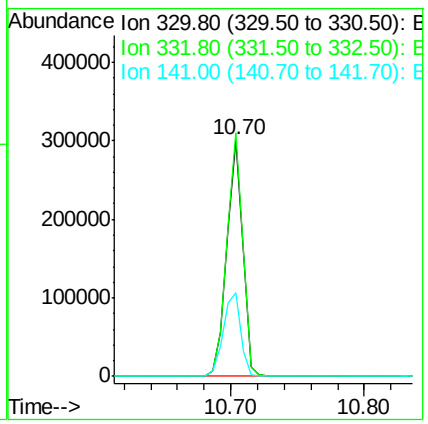


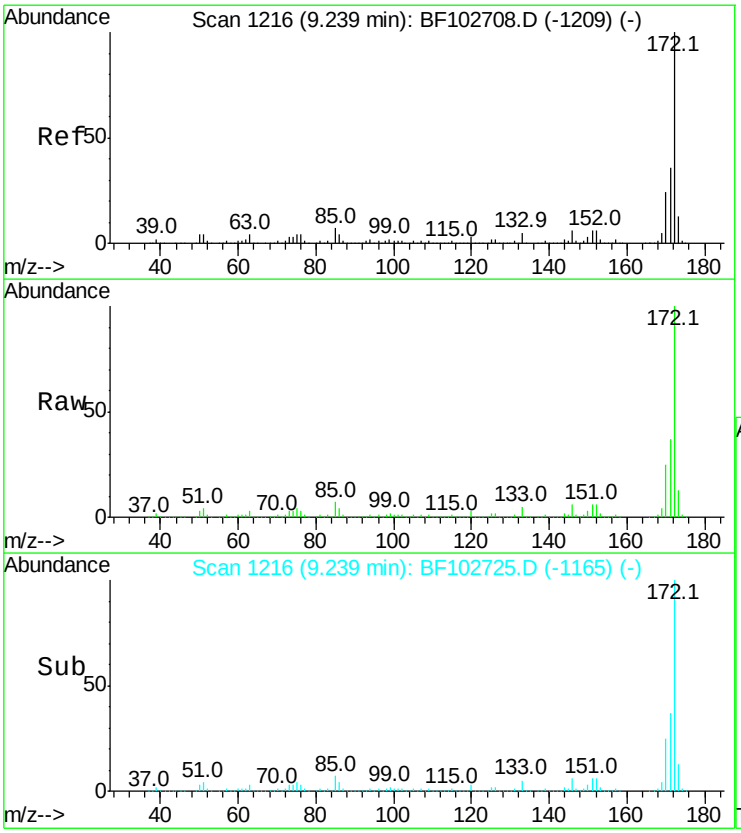
#41
2,4,6-Tribromophenol
Concen: 96.135 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 257967

Ion	Ratio	Lower	Upper
330	100		
332	101.7	77.0	115.6
141	38.7	29.9	44.9

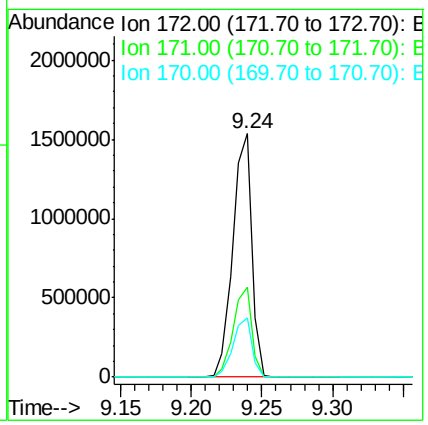


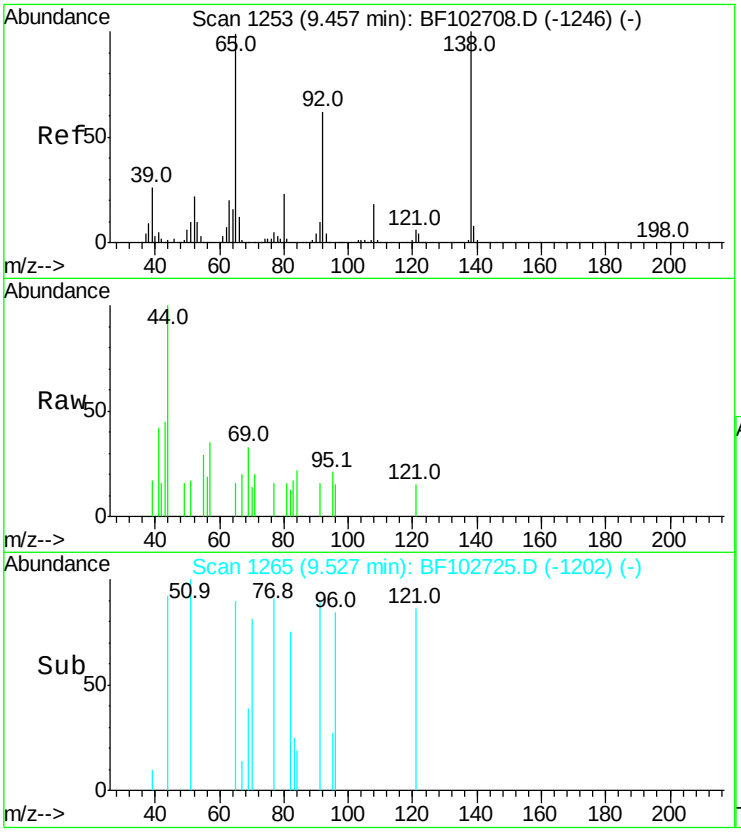


#44
2-Fluorobiphenyl
Concen: 71.485 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion:172 Resp: 1436239

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.5	19.6	29.4



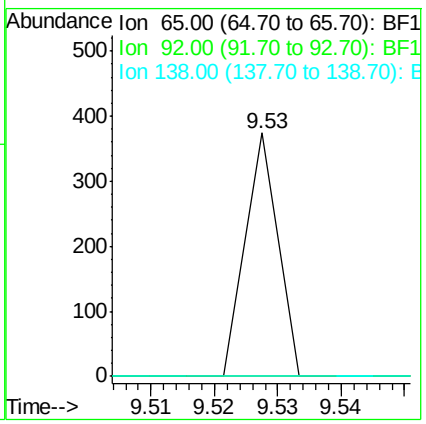


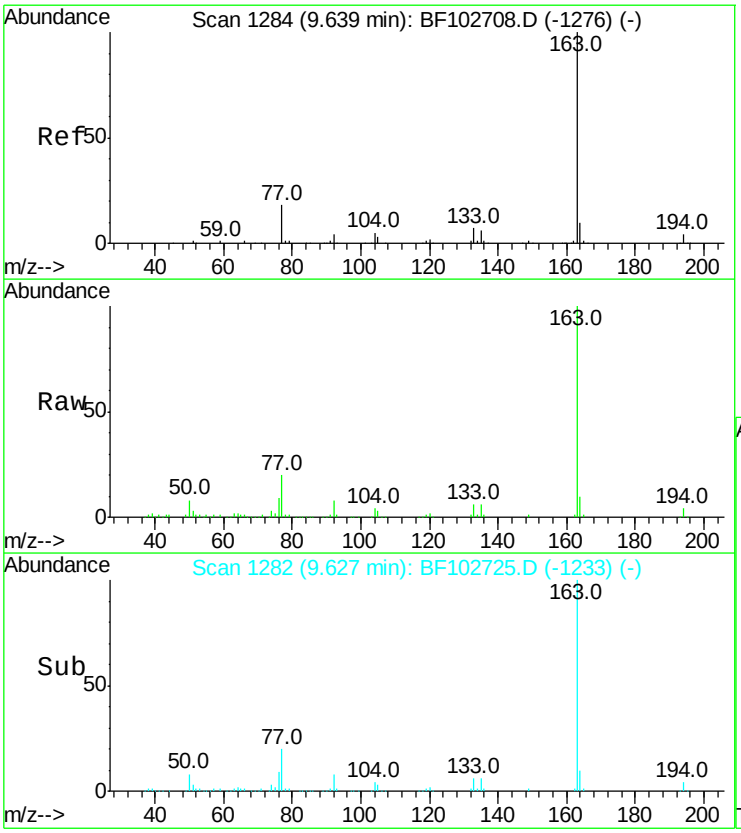
#47
2-Nitroaniline
Concen: 3.490 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.07 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 132

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

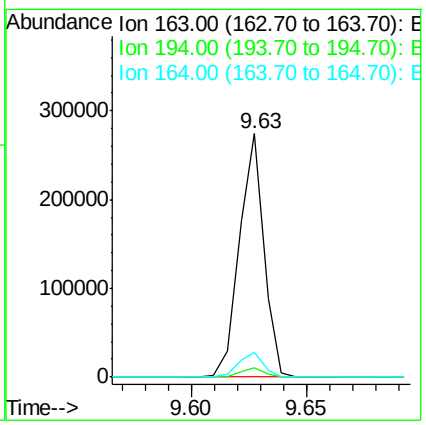


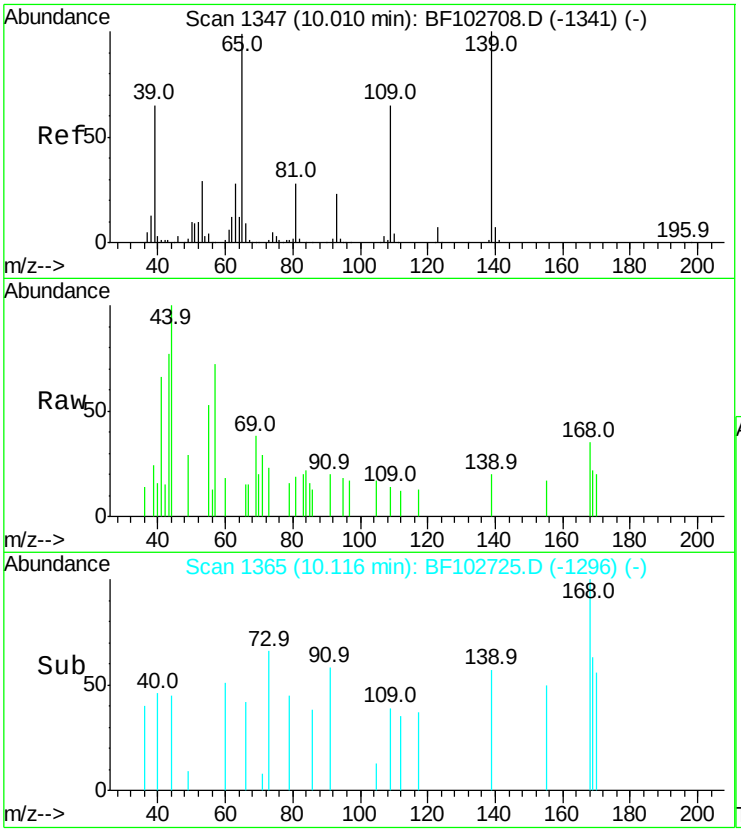


#49
Dimethylphthalate
Concen: 7.820 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion:163 Resp: 203283

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2



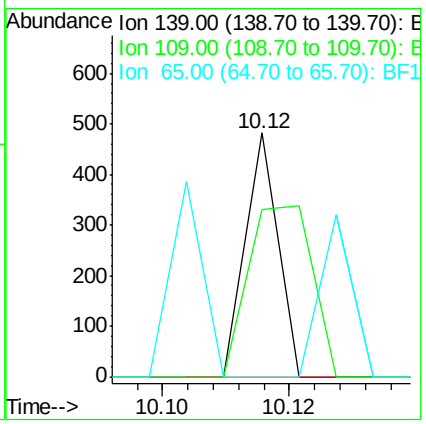


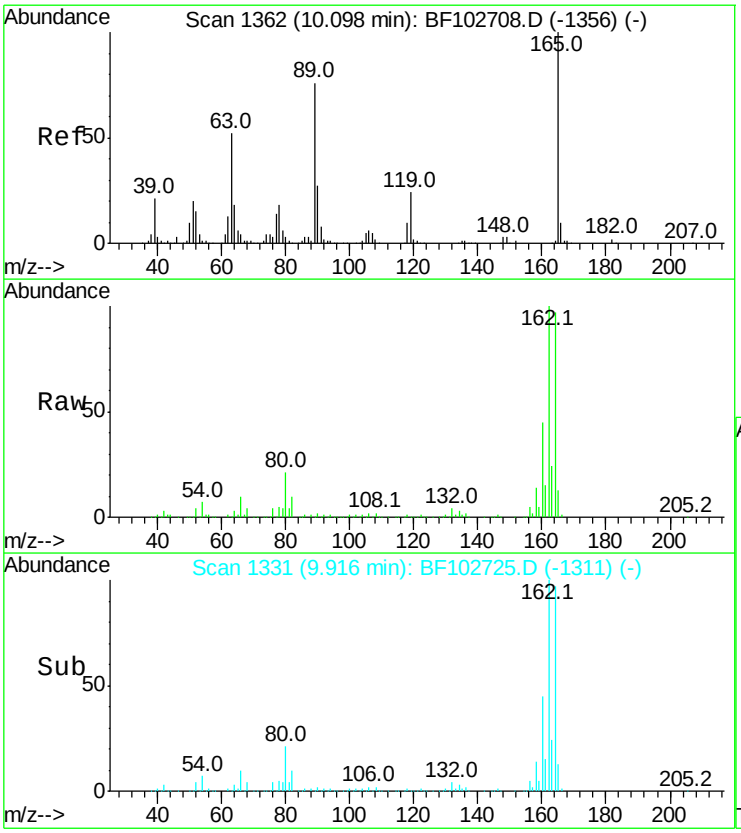
#55
4-Nitrophenol
Concen: 4.056 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.11 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 170

Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.4	88.4
65	0.0	72.6	112.6#

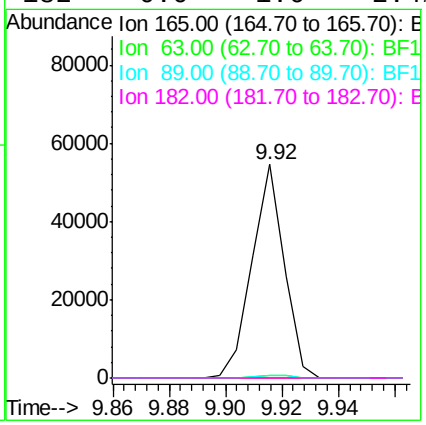


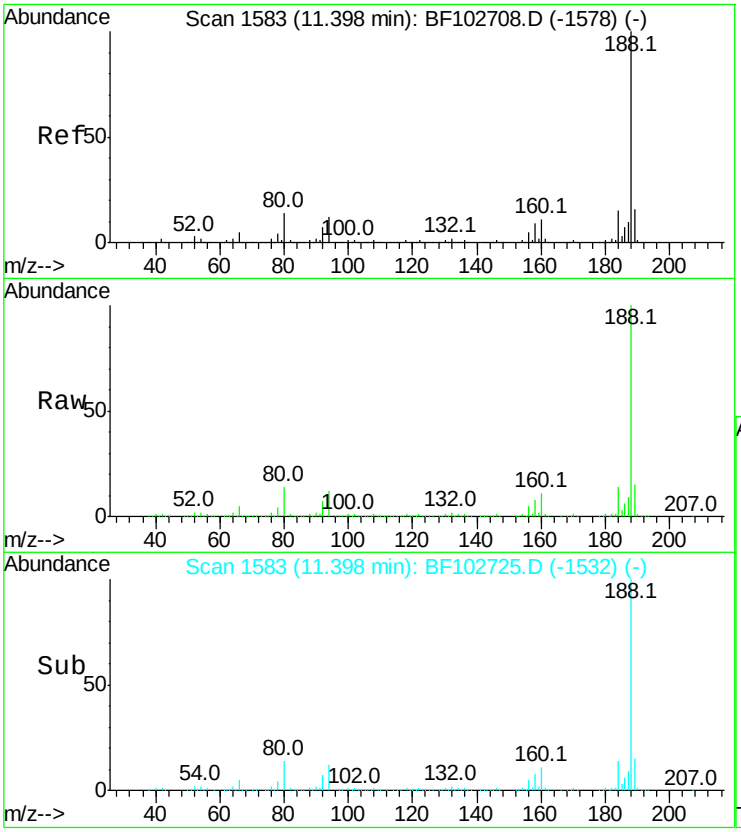


#56
2,4-Dinitrotoluene
Concen: 9.199 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion:165 Resp: 43394

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



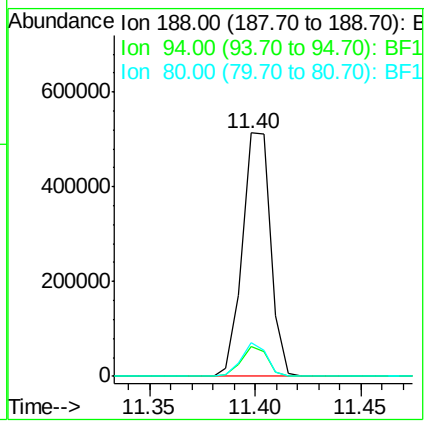


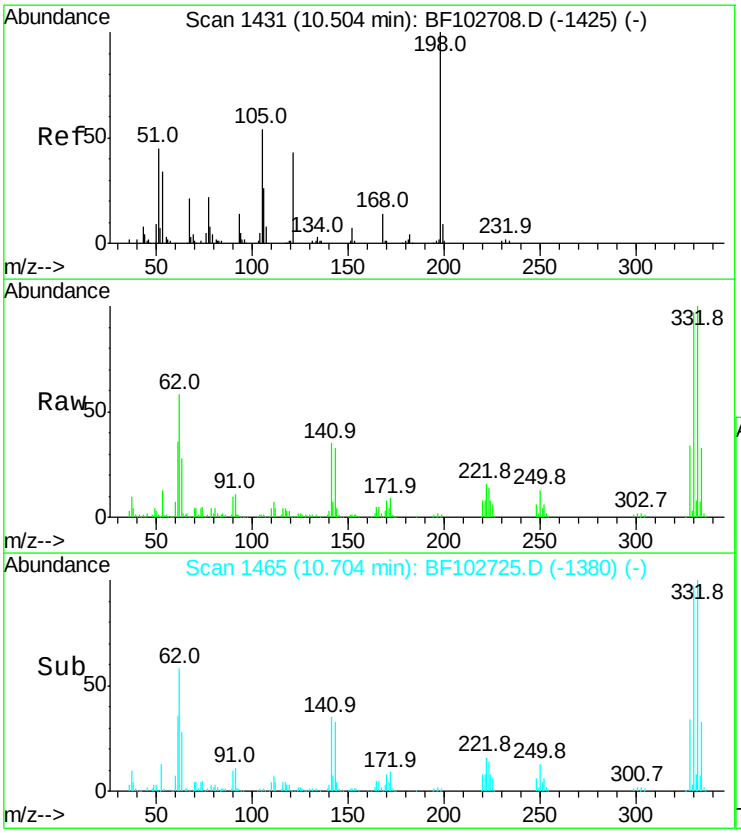
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 476326

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.7	9.2	13.8

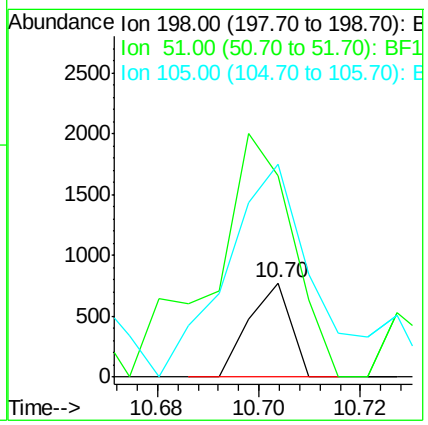


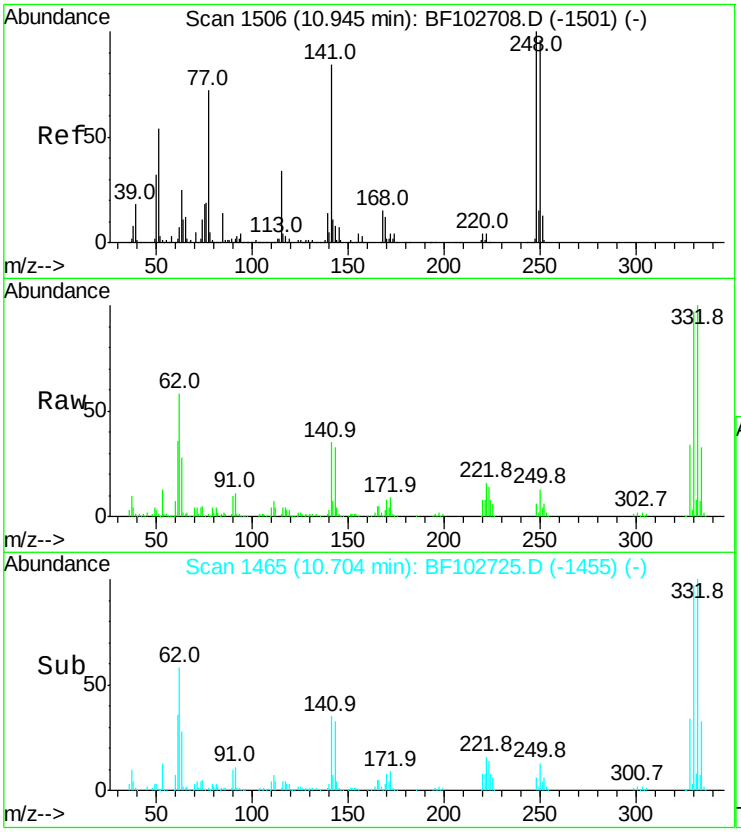


#64
4,6-Dinitro-2-methylphenol
Concen: 8.998 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.20 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion:198 Resp: 441

Ion	Ratio	Lower	Upper
198	100		
51	213.0	37.7	77.7#
105	225.6	36.3	76.3#



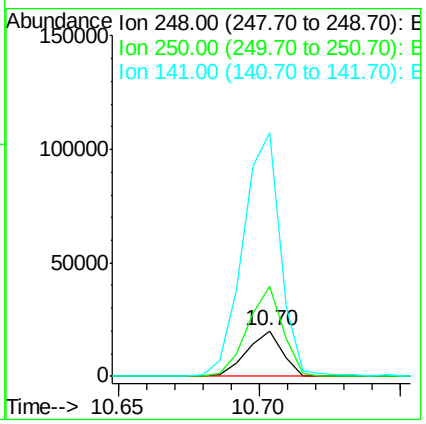


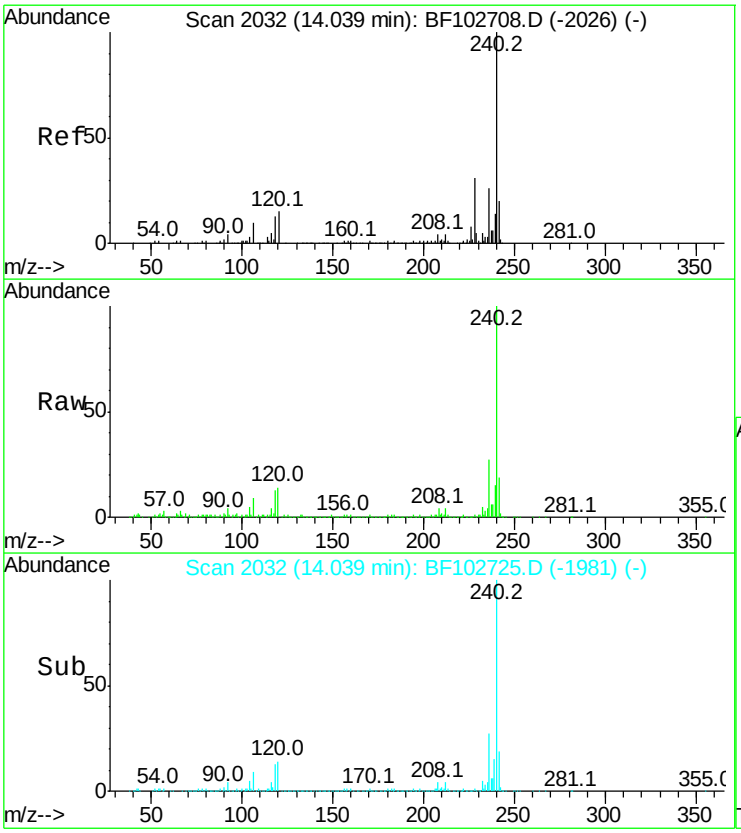
#66
4-Bromophenyl-phenylether
Concen: 3.441 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17338

Ion	Ratio	Lower	Upper
248	100		
250	196.8	76.9	115.3#
141	534.4	74.4	111.6#

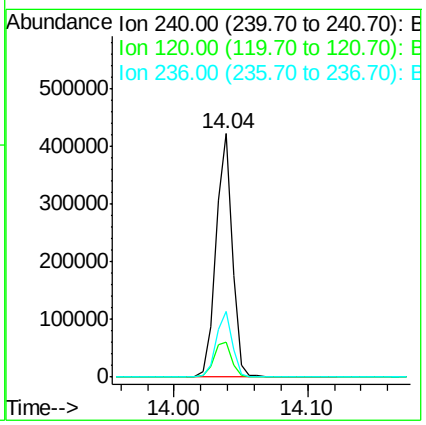


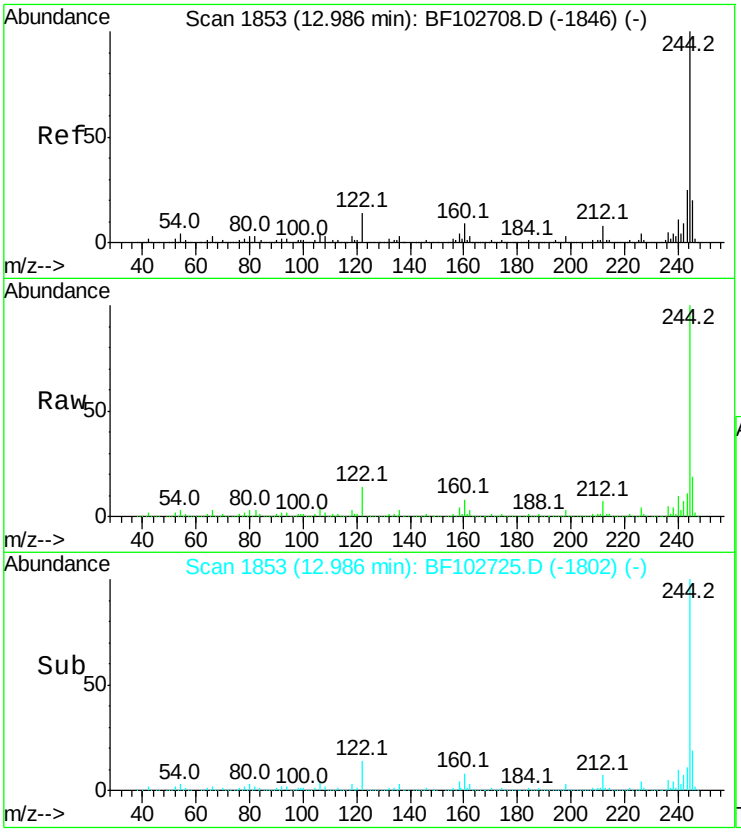


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion:240 Resp: 365518

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	26.8	20.7	31.1



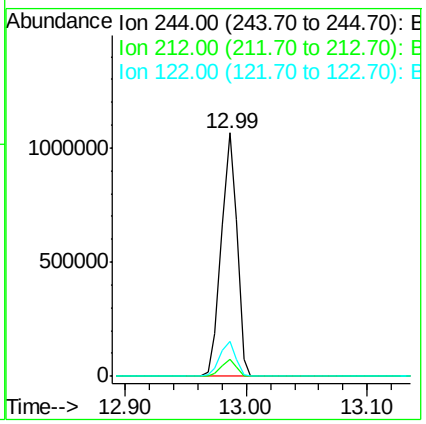


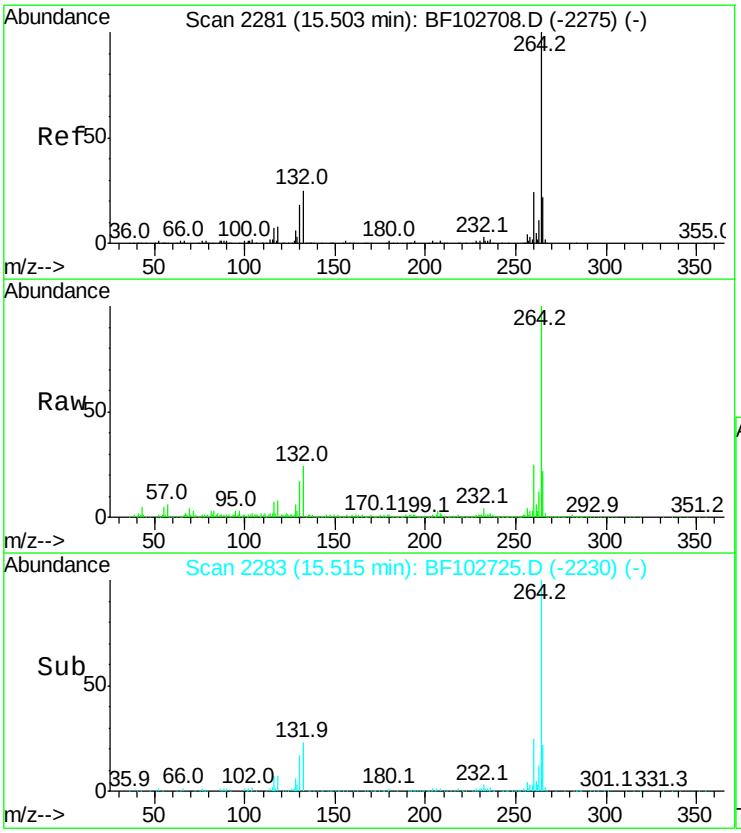
#78
Terphenyl-d14
Concen: 61.868 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 955073

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF102725.D
Acq: 3 Feb 2018 18:57

Tgt Ion:264 Resp: 367741

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.8	17.5	26.3