Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107064.D
Acq On : 3 Jul 2018 1:36
Operator : JU/SJ
Sample : J3799-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 03 03:38:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61959	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	216381	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	95591	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	167245	20.00	ng		0.00
75) Chrysene-d12	14.15	240	145061	20.00	ng		-0.02
86) Perylene-d12	15.69	264	100430	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	257065	70.25	ng		0.00
7) Phenol-d6	6.60	99	203707	44.58	ng		-0.01
23) Nitrobenzene-d5	7.52	82	352126	90.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	161850	146.08	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	628947	116.90	ng		-0.01
78) Terphenyl-d14	13.08	244	702561	117.32	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	9059	2.355	ng		87
10) Phenol	6.62	94	12162	2.332	ng		88
19) n-Nitroso-di-n-propylamine	7.52	70	46435	15.417	ng	#	74
20) 3+4-Methylphenols	7.60	107	114	Below Cal		#	1
25) Isophorone	7.52	82	350176	51.038	ng	#	64
27) 2,4-Dimethylphenol	7.90	122	5888	2.030	ng		88
32) Benzoic acid	7.90	122	5888	8.189	ng	#	16
35) Caprolactam	8.72	113	2141	2.163	ng	#	38
49) Dimethylphthalate	9.71	163	63276	8.826	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	9811	4.915	ng	#	1

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

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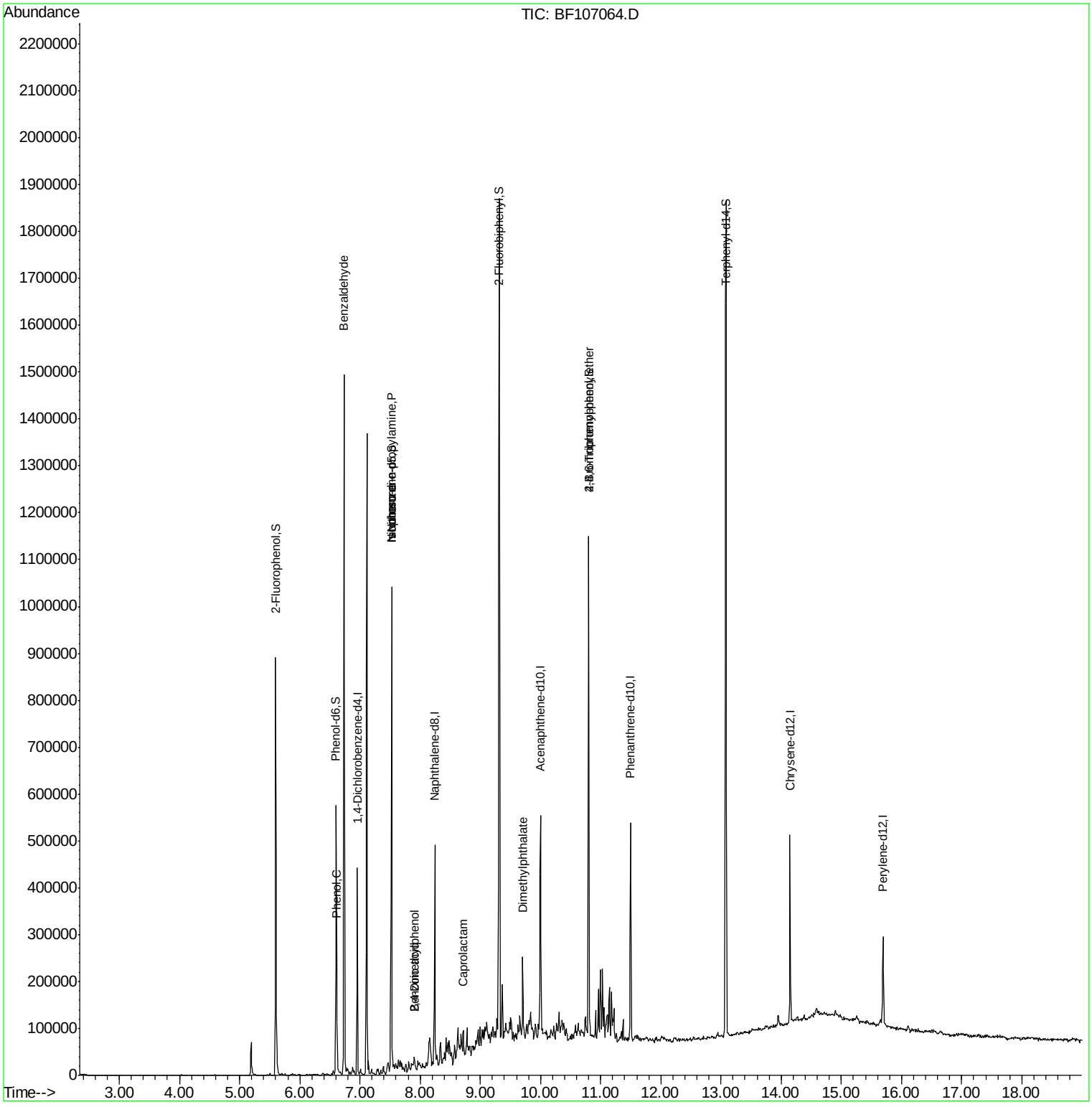
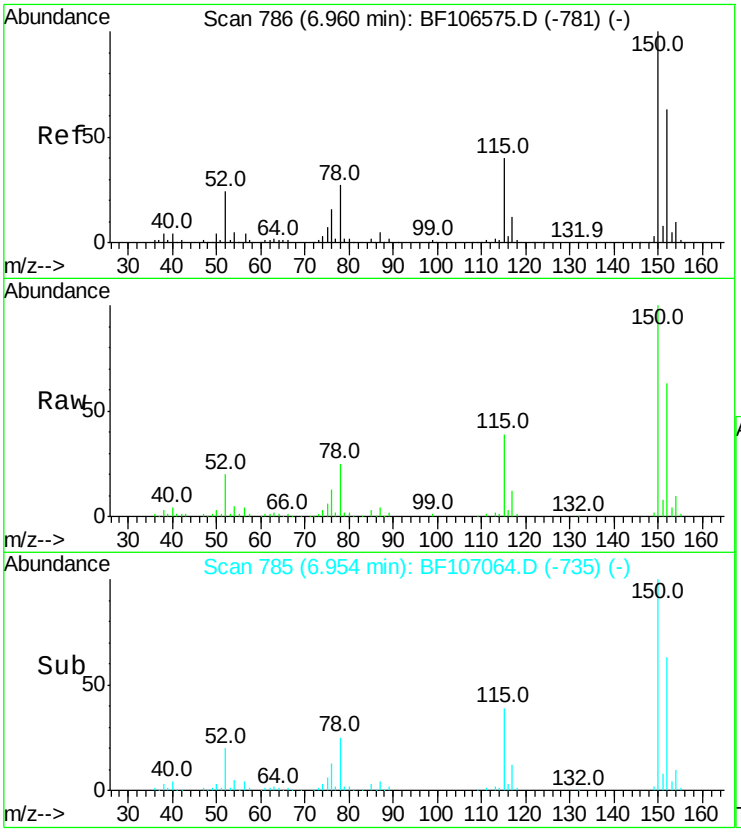


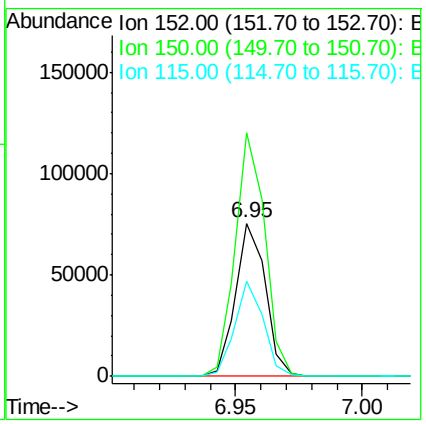


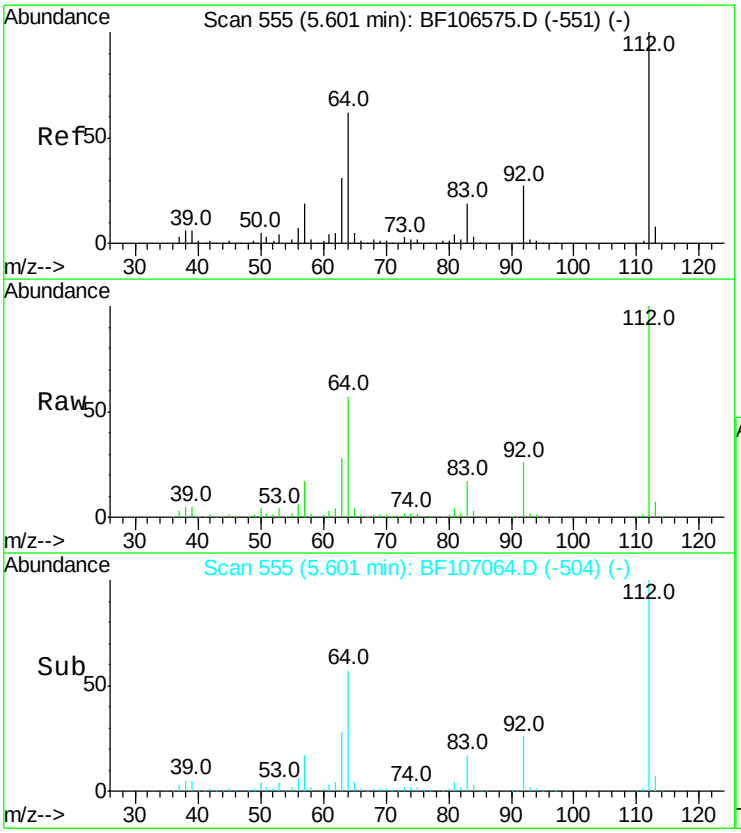
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 61959

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.1	50.1	75.1

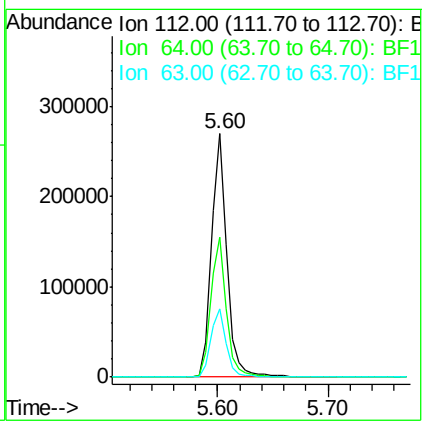


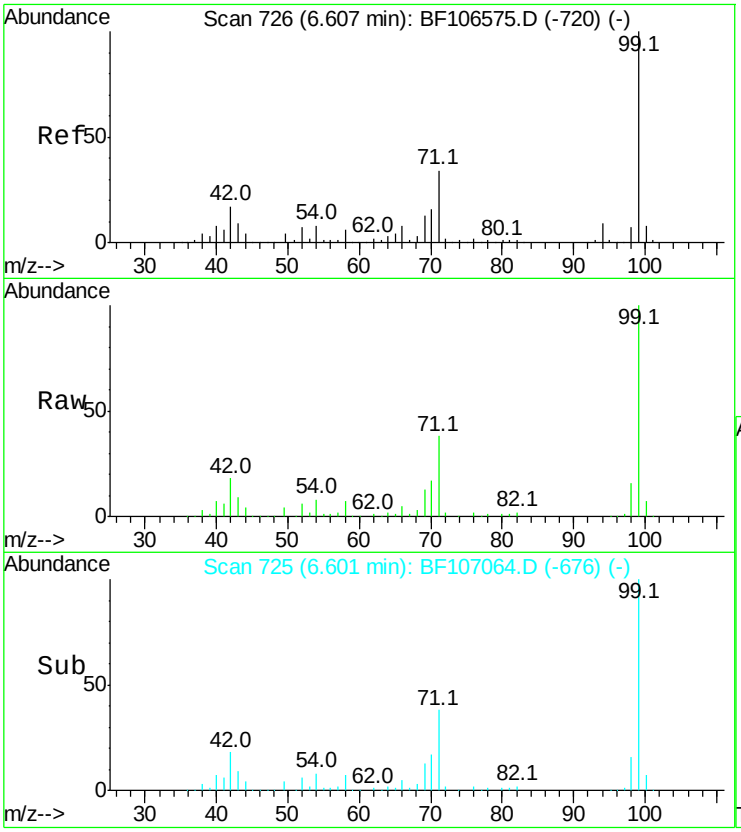


#5
2-Fluorophenol
Concen: 70.255 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Tgt Ion:112 Resp: 257065

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	28.0	23.7	35.5



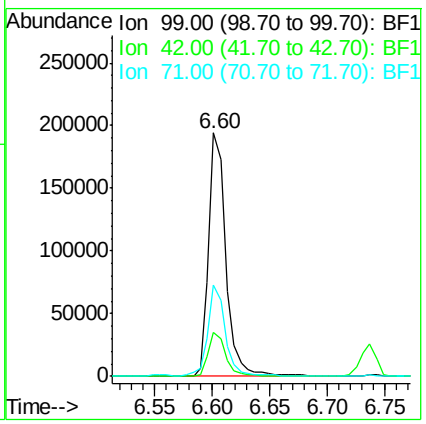


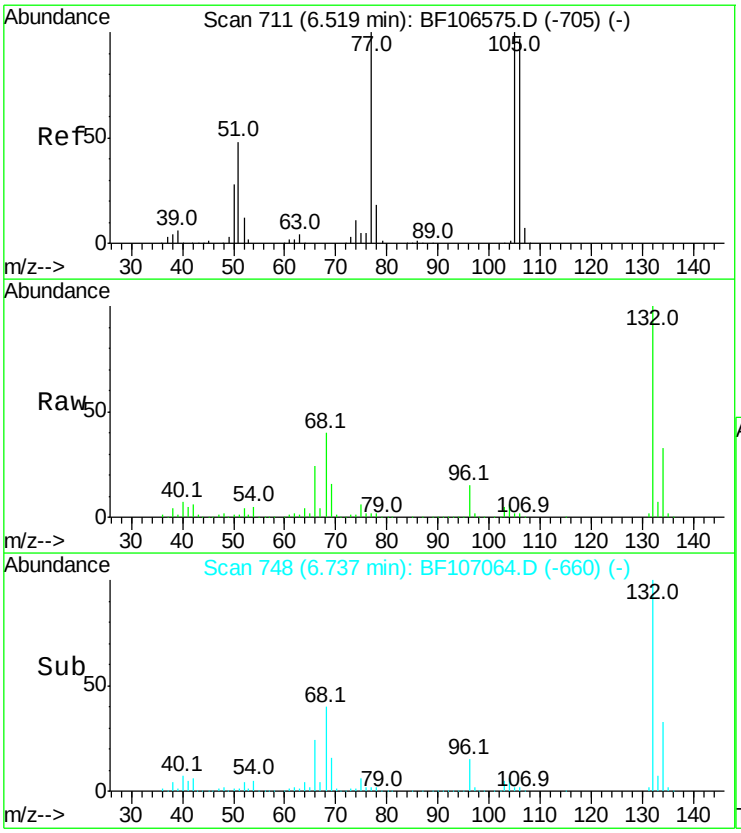
#7
Phenol-d6
Concen: 44.581 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 203707

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	37.5	25.4	38.0

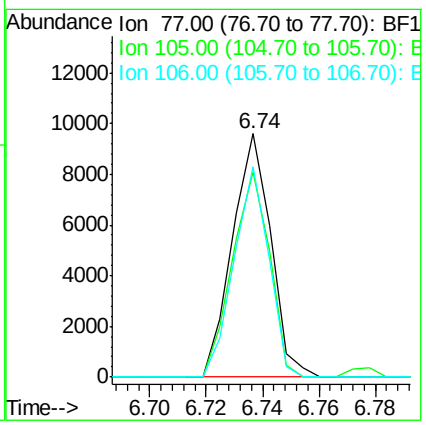


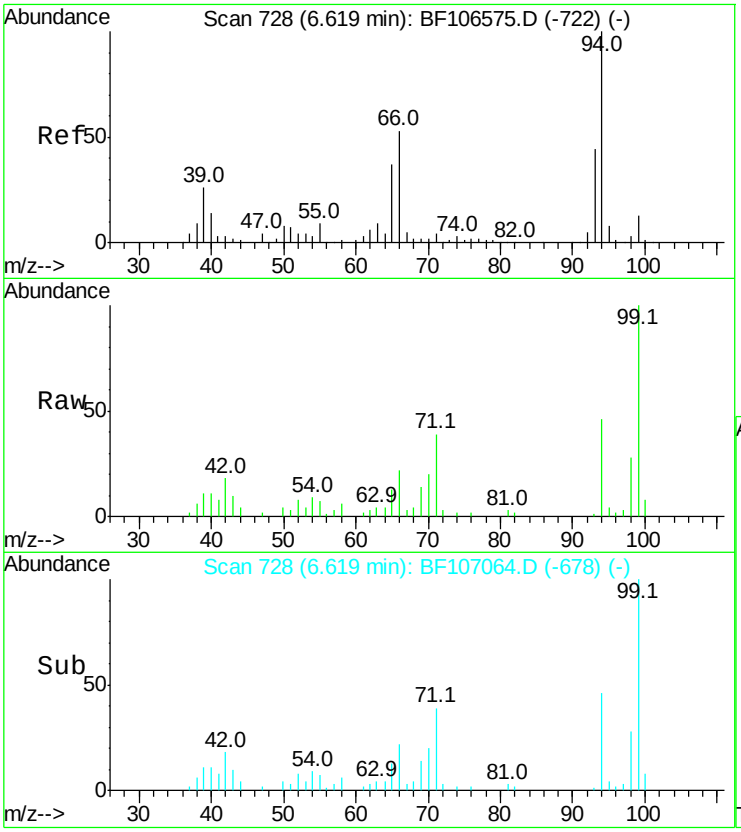


#9
Benzaldehyde
Concen: 2.355 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Tgt Ion: 77 Resp: 9059

Ion	Ratio	Lower	Upper
77	100		
105	84.2	81.1	121.1
106	86.6	74.5	114.5



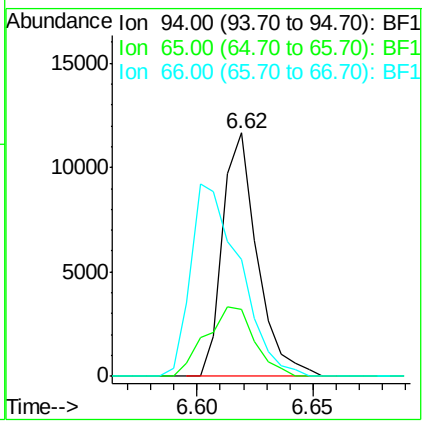


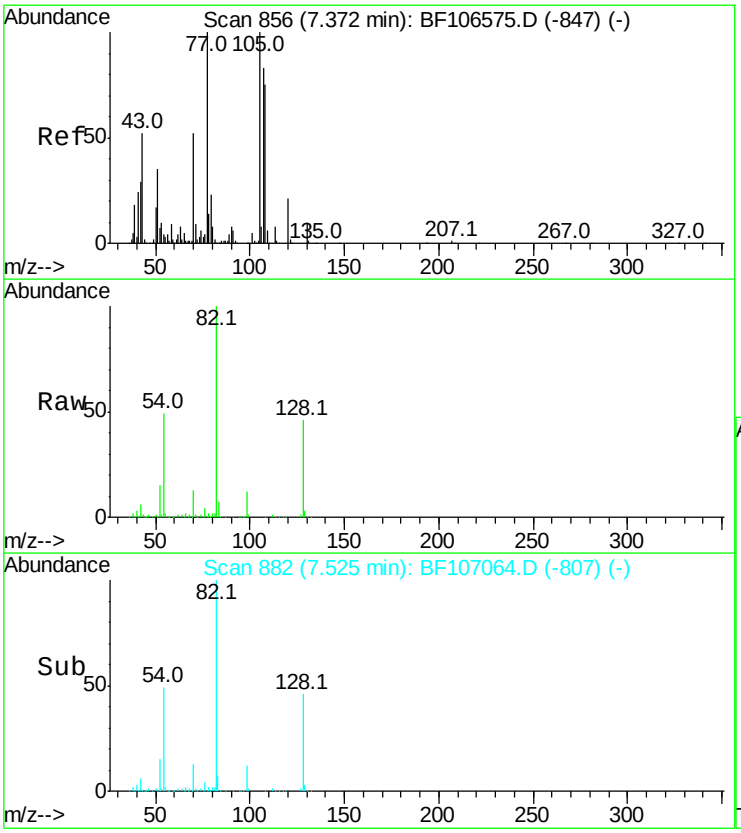
#10
Phenol
Concen: 2.332 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 12162

Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	48.0	16.2	56.2

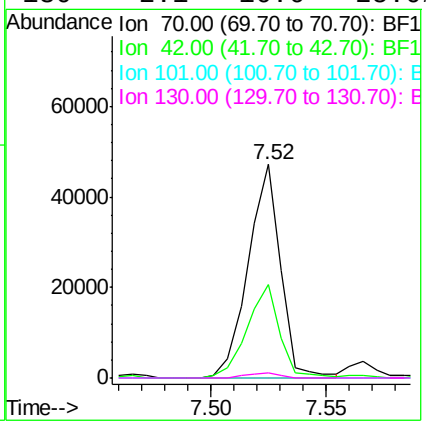


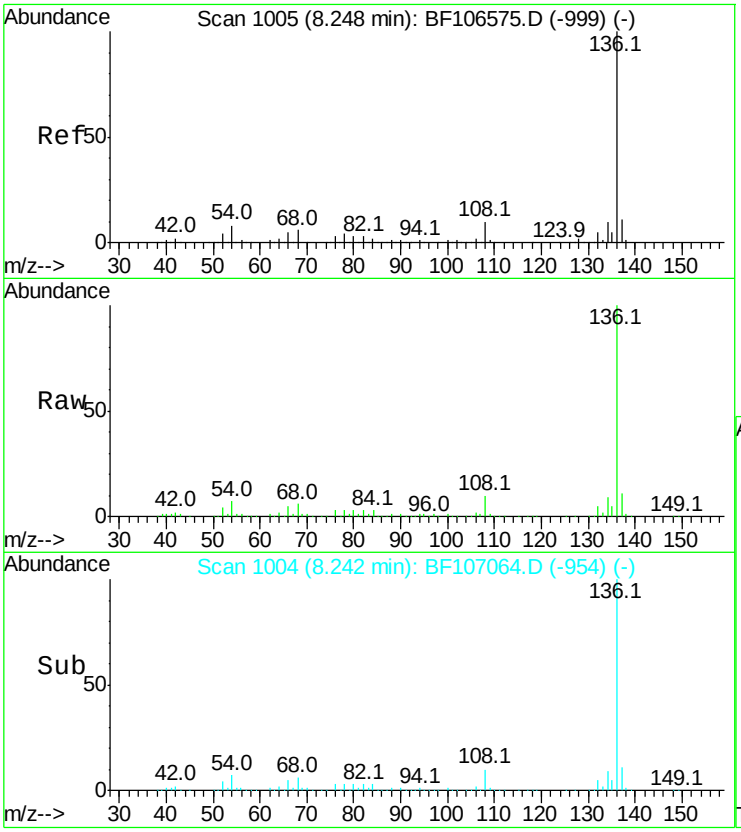


#19
n-Nitroso-di-n-propylamine
Concen: 15.417 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Tgt Ion: 70 Resp: 46435

Ion	Ratio	Lower	Upper
70	100		
42	43.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



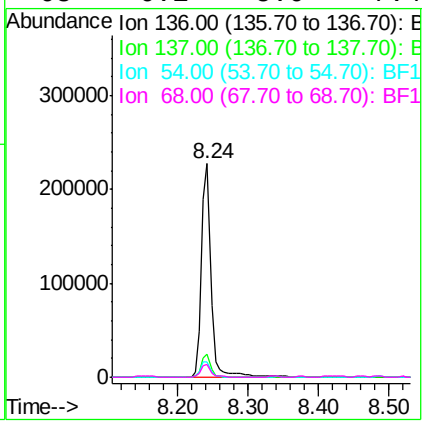


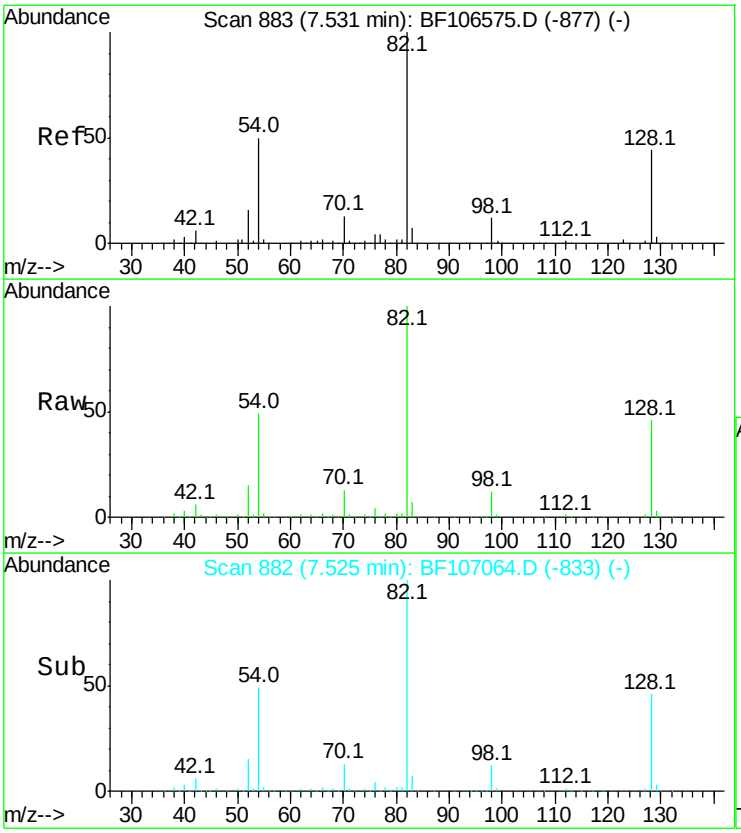
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 216381

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4

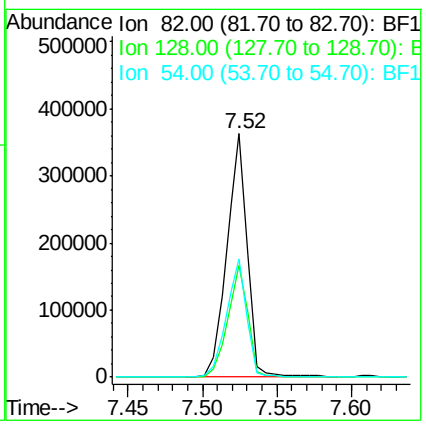


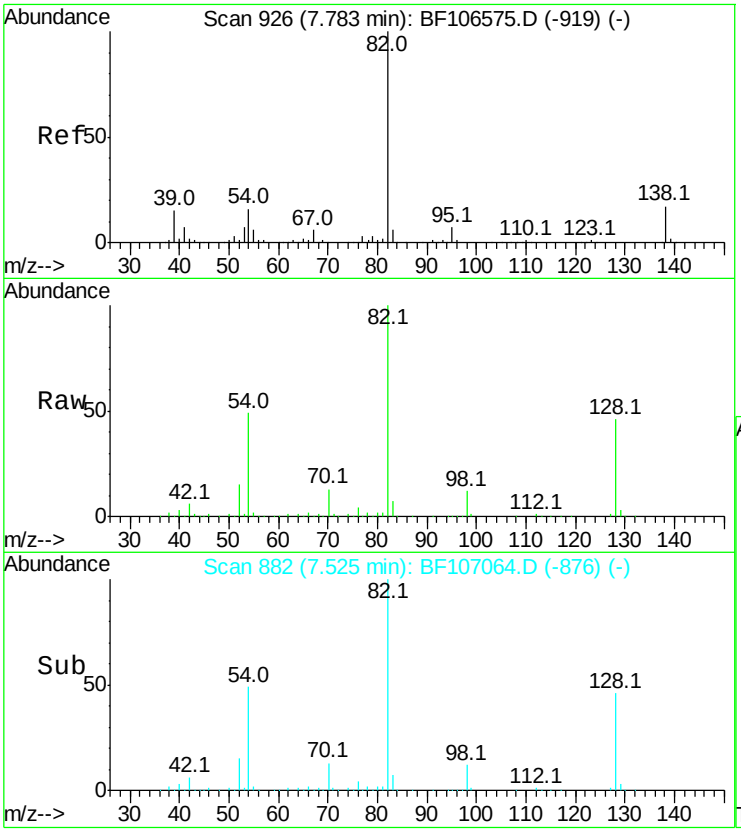


#23
Nitrobenzene-d5
Concen: 90.437 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Tgt Ion: 82 Resp: 352126

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	48.6	41.4	62.2



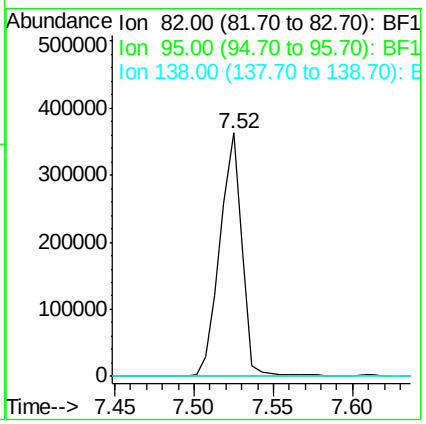


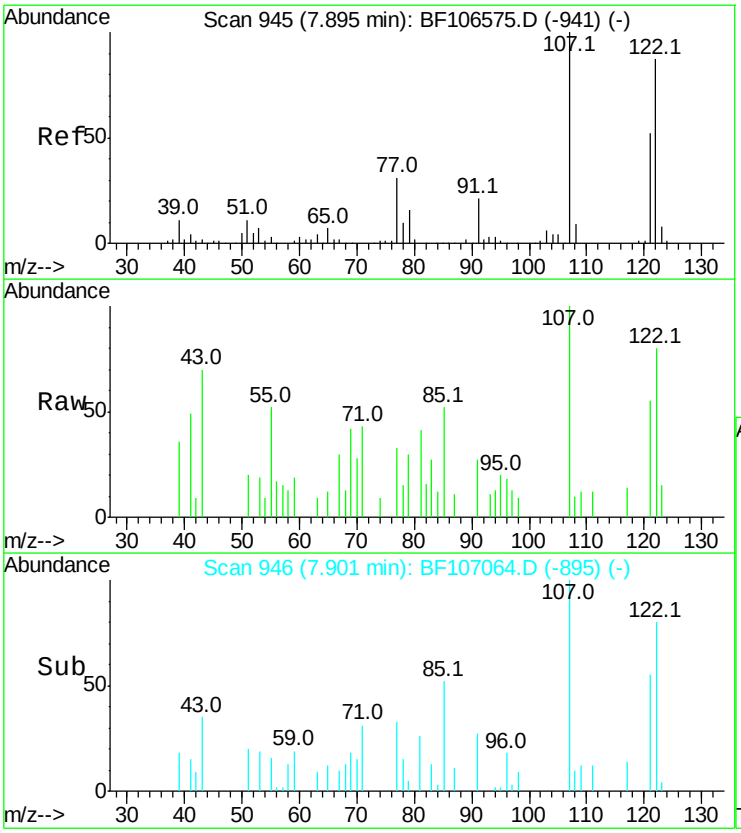
#25
Isophorone
Concen: 51.038 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 350176

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

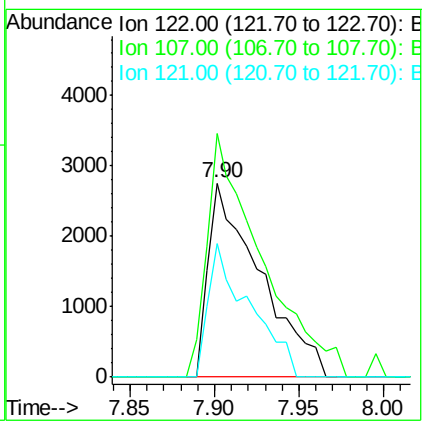


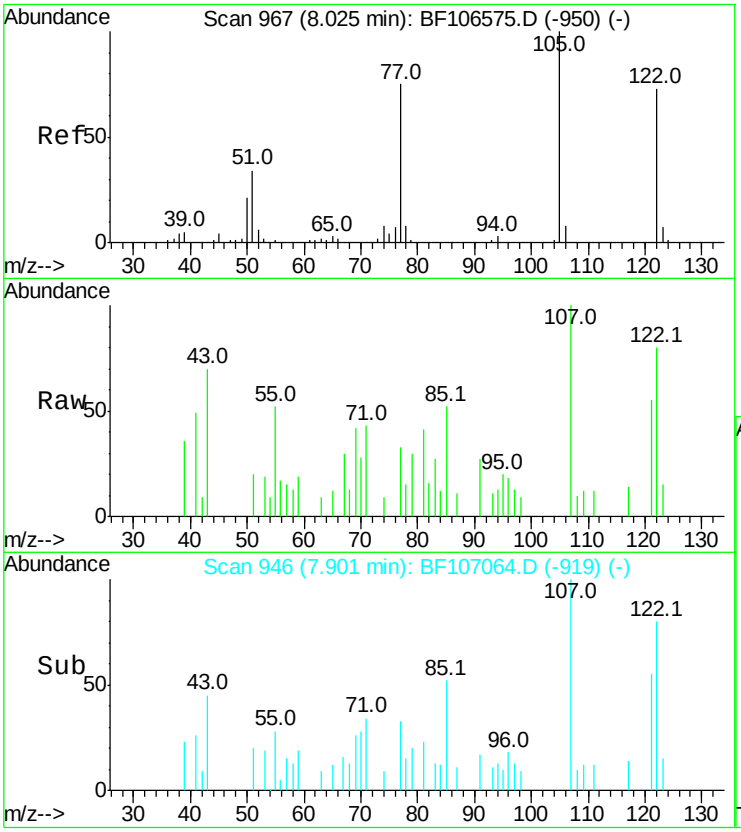


#27
2,4-Dimethylphenol
Concen: 2.030 ng
RT: 7.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Tgt Ion:122 Resp: 5888

Ion	Ratio	Lower	Upper
122	100		
107	125.6	91.2	136.8
121	68.9	47.2	70.8

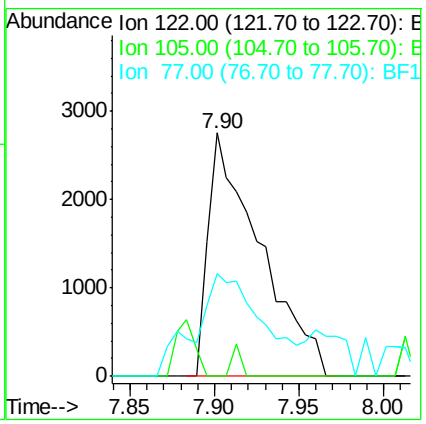




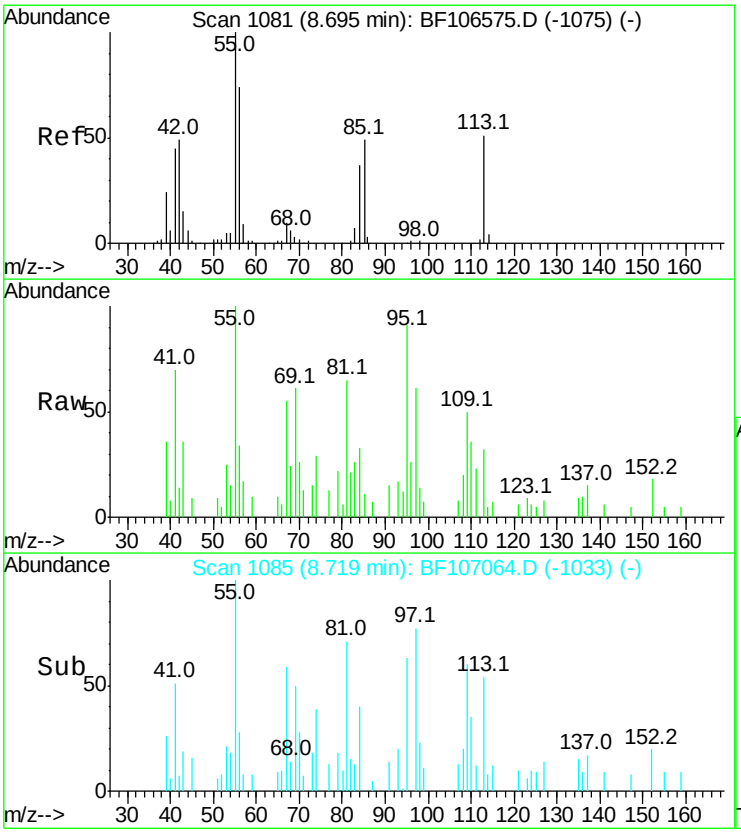
#32
Benzoic acid
Concen: 8.189 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.14 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Tgt Ion:122 Resp: 5888

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	42.1	70.7	110.7#



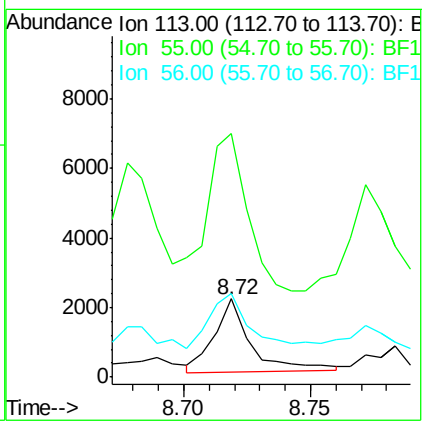
Instrument :
BNA_F
ClientSampleId :

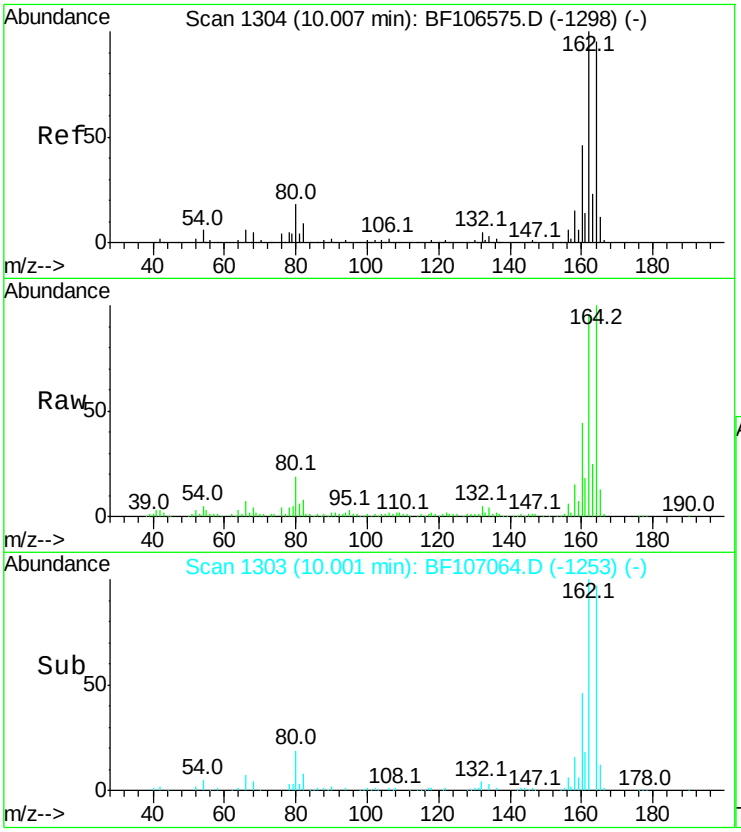


#35
Caprolactam
Concen: 2.163 ng
RT: 8.72 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Tgt Ion:113 Resp: 2141

Ion	Ratio	Lower	Upper
113	100		
55	312.3	163.3	203.3#
56	106.5	115.7	155.7#



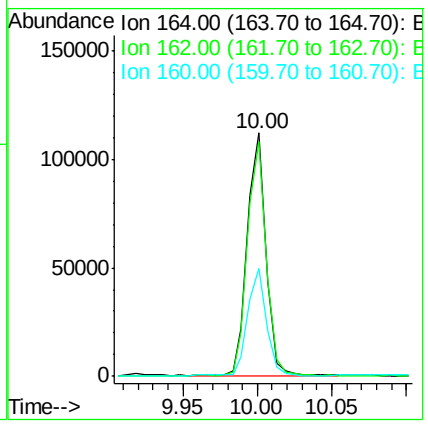


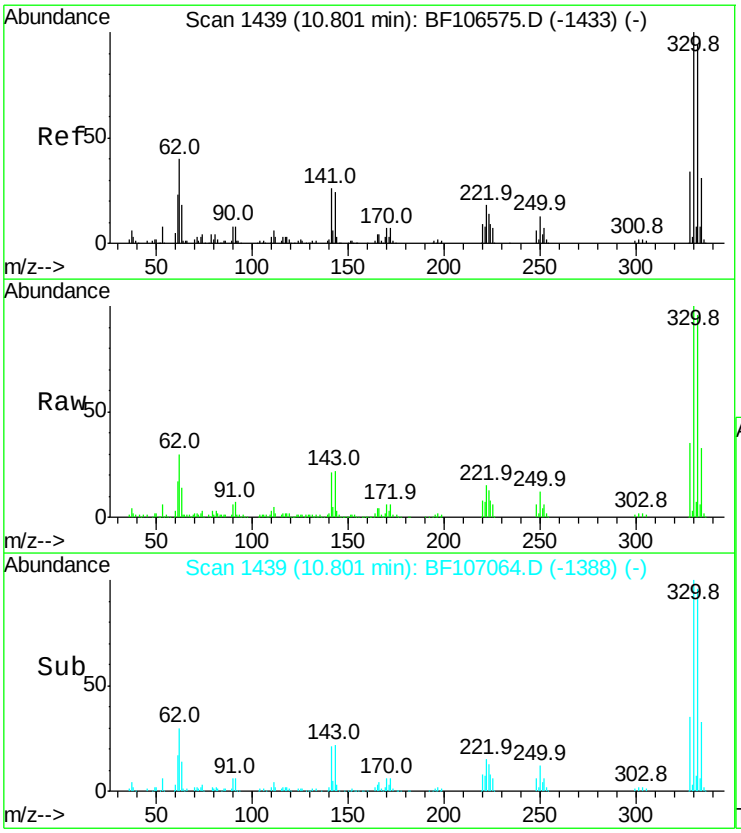
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 95591

Ion	Ratio	Lower	Upper
164	100		
162	96.4	86.1	129.1
160	44.3	38.3	57.5

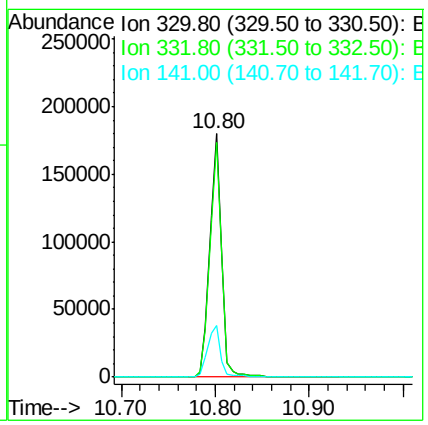


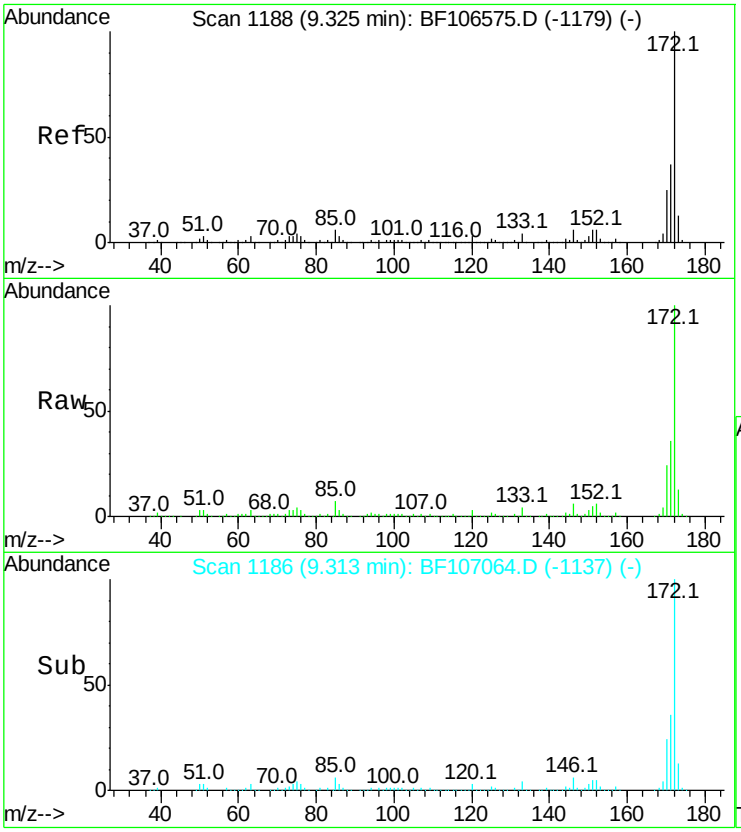


#41
2,4,6-Tribromophenol
Concen: 146.084 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Tgt Ion:330 Resp: 161850

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	22.3	29.9	44.9#



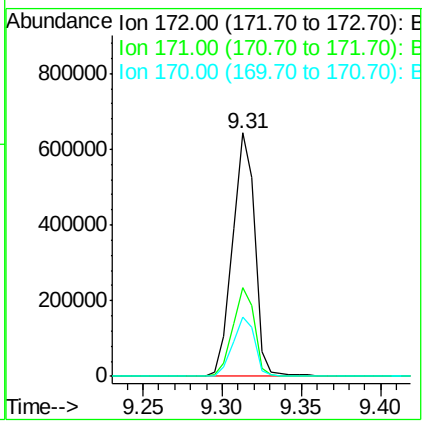


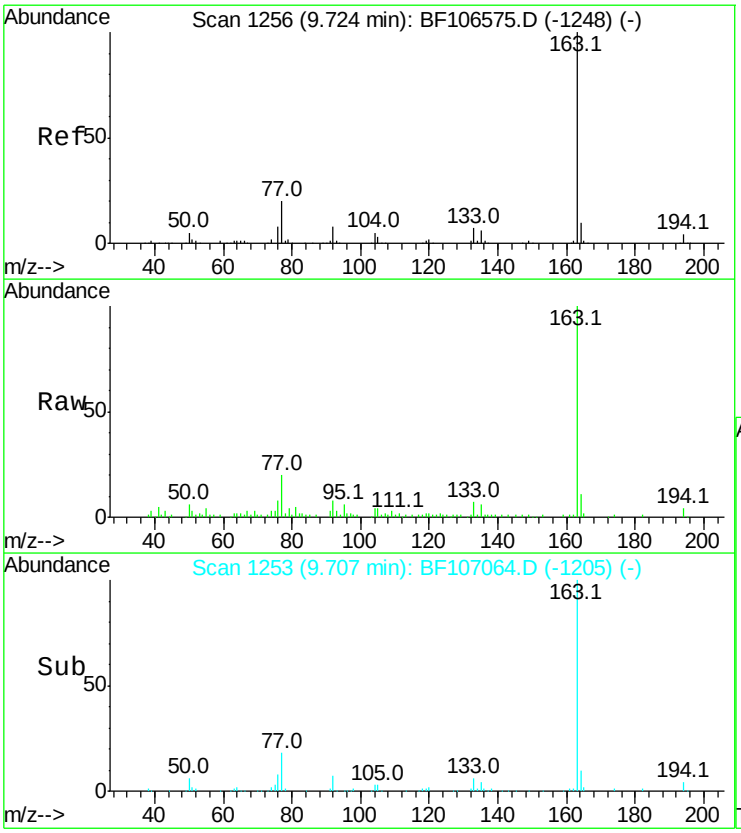
#44
2-Fluorobiphenyl
Concen: 116.904 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 628947

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

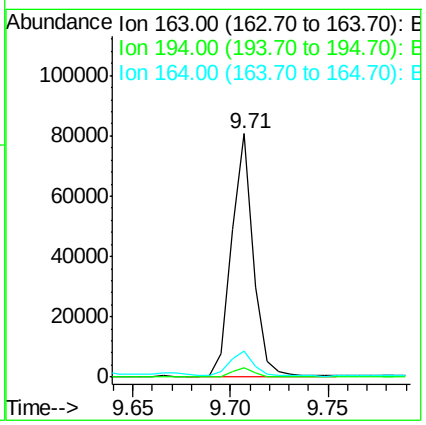


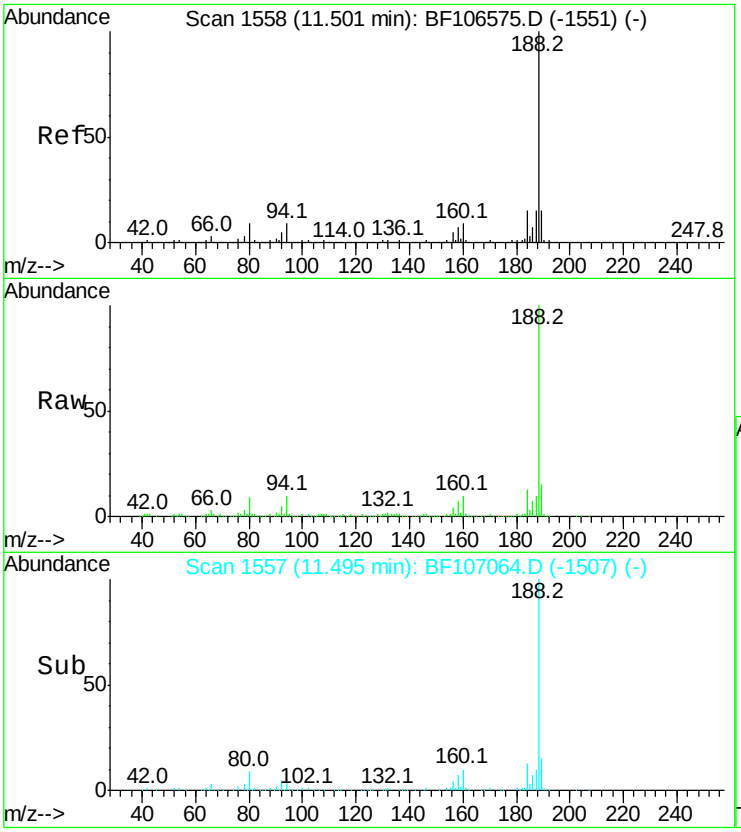


#49
Dimethylphthalate
Concen: 8.826 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Tgt Ion:163 Resp: 63276

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.9	8.2	12.2



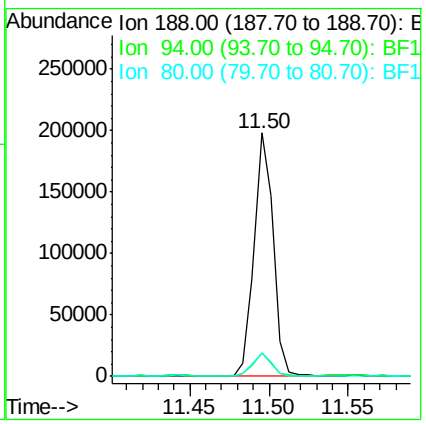


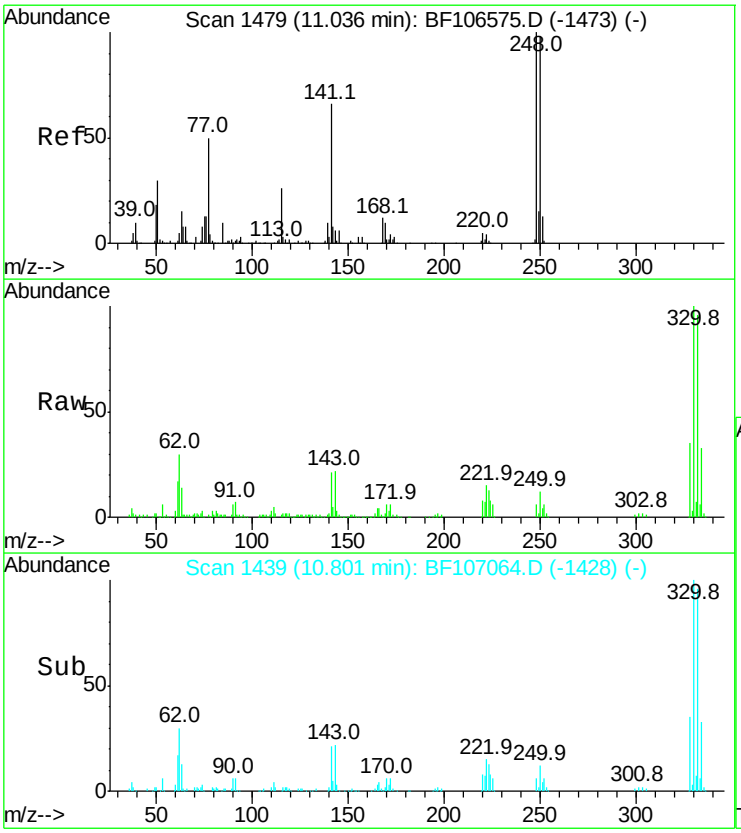
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 167245

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.4	9.2	13.8

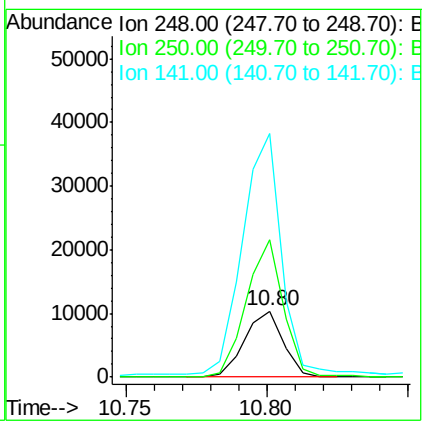


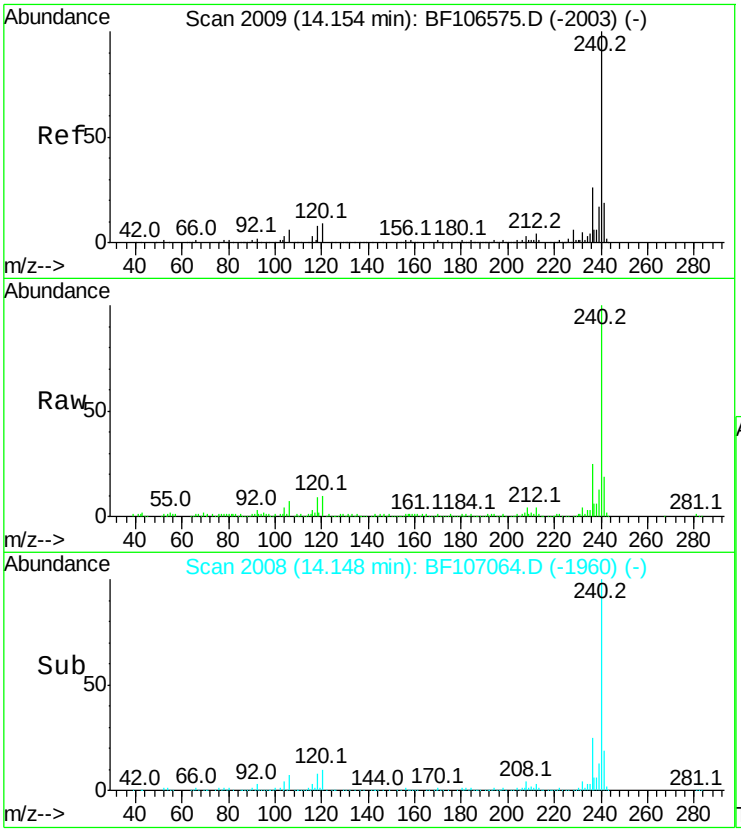


#66
4-Bromophenyl-phenylether
Concen: 4.915 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Tgt Ion:248 Resp: 9811

Ion	Ratio	Lower	Upper
248	100		
250	208.6	76.9	115.3#
141	370.7	74.4	111.6#



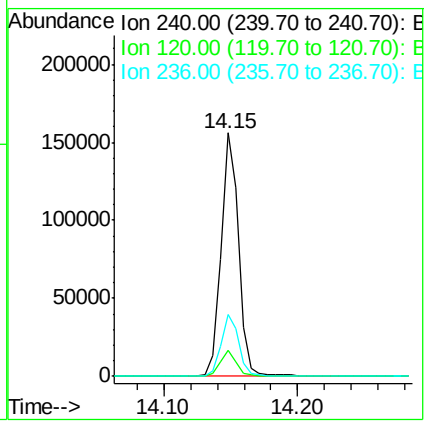


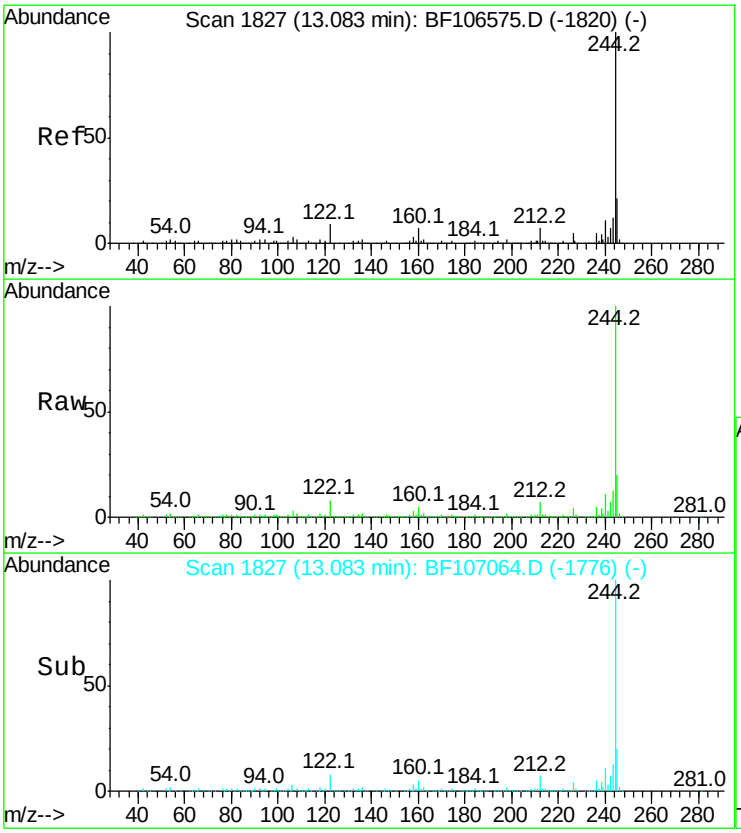
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 145061

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.5	20.7	31.1

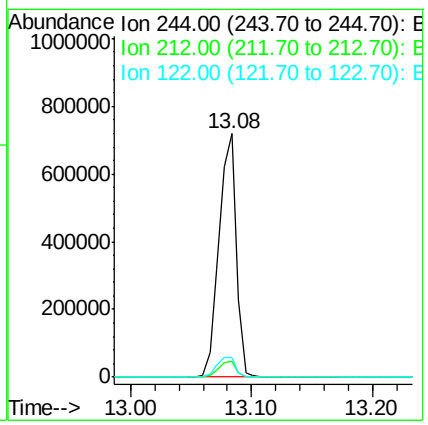


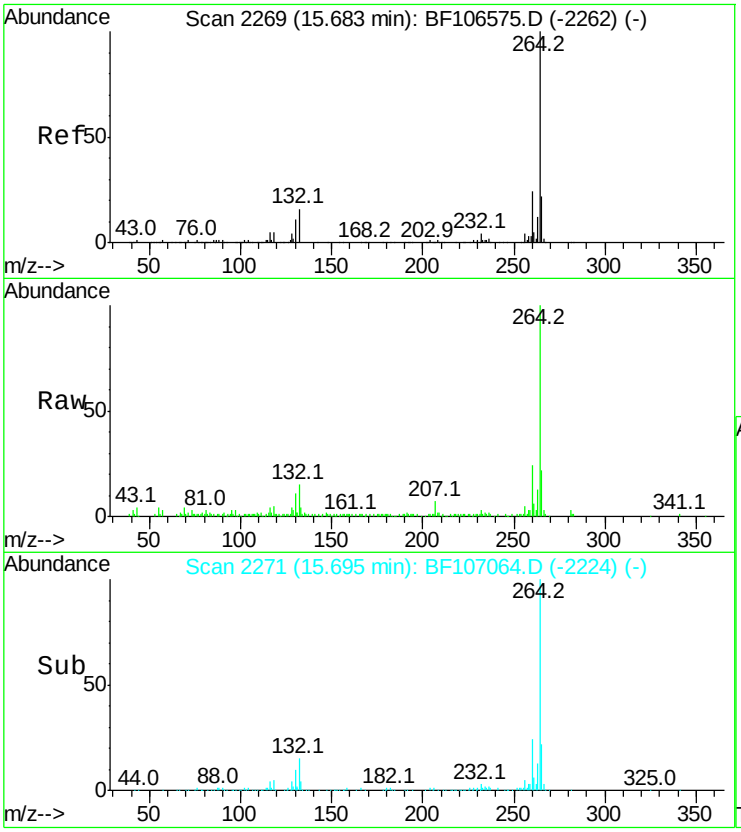


#78
Terphenyl-d14
Concen: 117.317 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Tgt Ion:244 Resp: 702561

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107064.D
Acq: 3 Jul 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 100430

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.5	26.3