Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104069.D
Acq On : 29 Mar 2018 23:19
Operator : JU/SJ
Sample : J2103-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 30 03:55:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112960	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	465065	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	214900	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	315692	20.00	ng		0.00
75) Chrysene-d12	14.16	240	230602	20.00	ng		0.00
86) Perylene-d12	15.70	264	226792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	648425	91.54	ng		0.00
7) Phenol-d6	6.60	99	818852	93.96	ng		0.00
23) Nitrobenzene-d5	7.53	82	516319	67.90	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	185019	77.32	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	853398	62.62	ng		0.00
78) Terphenyl-d14	13.09	244	619957	62.07	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	14502	2.022	ng		83
19) n-Nitroso-di-n-propylamine	7.53	70	61596	11.910	ng	#	73
25) Isophorone	7.53	82	526504	37.568	ng	#	64
49) Dimethylphthalate	9.71	163	81120	4.781	ng		98

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

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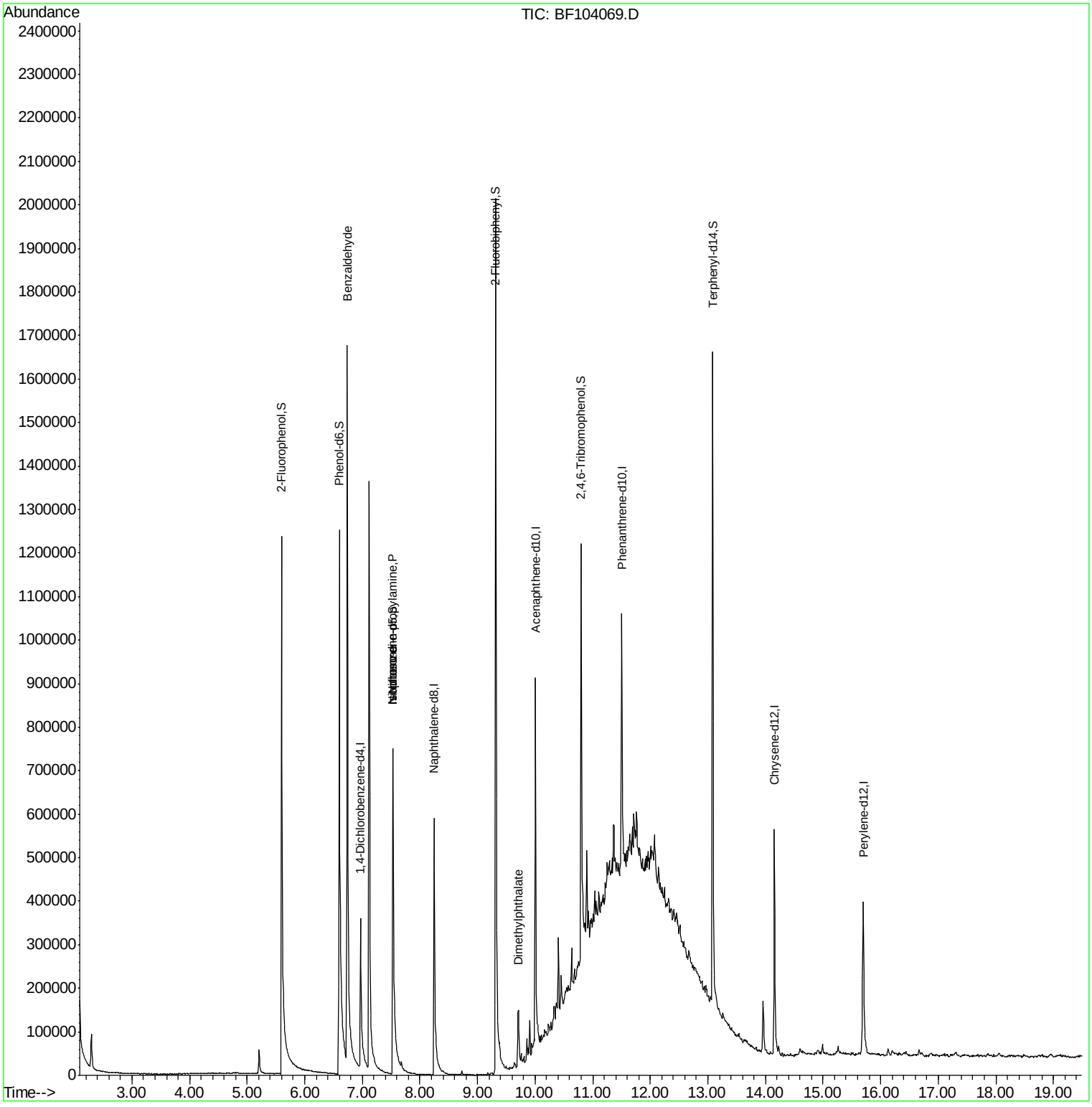
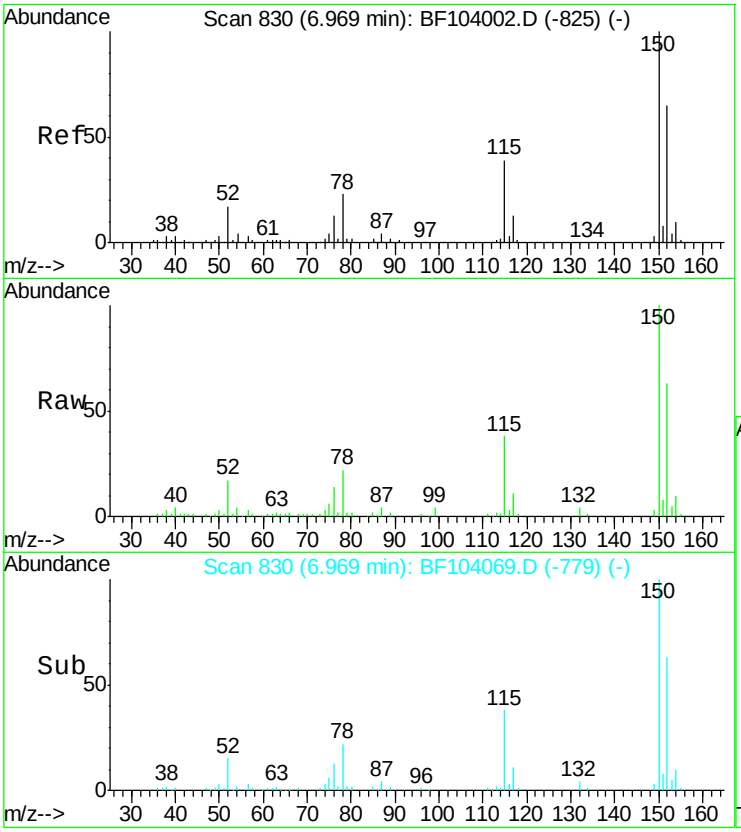


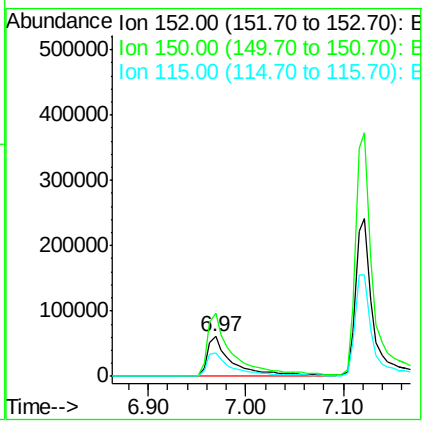


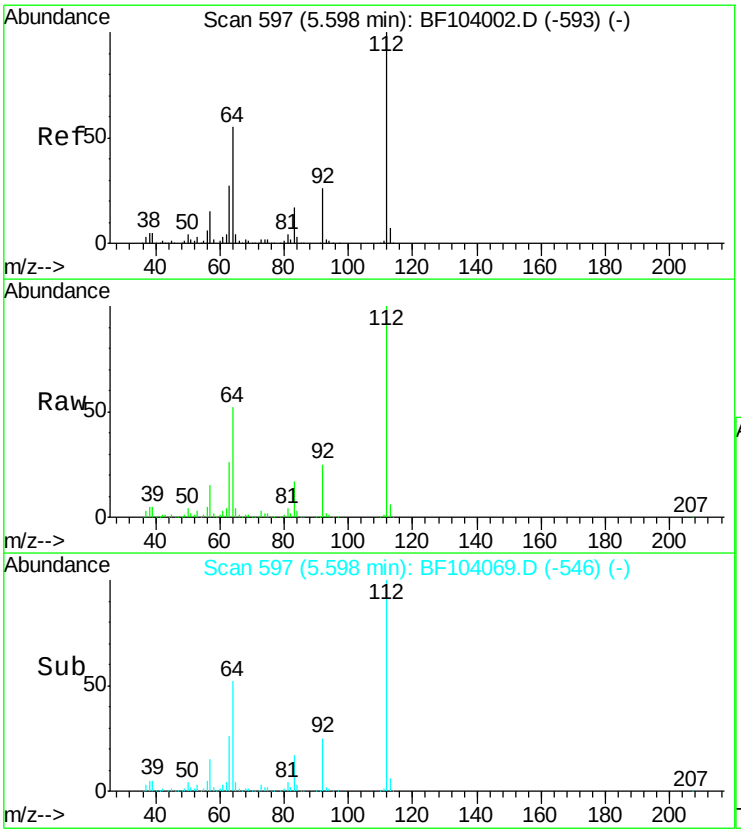
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112960

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	60.2	50.1	75.1

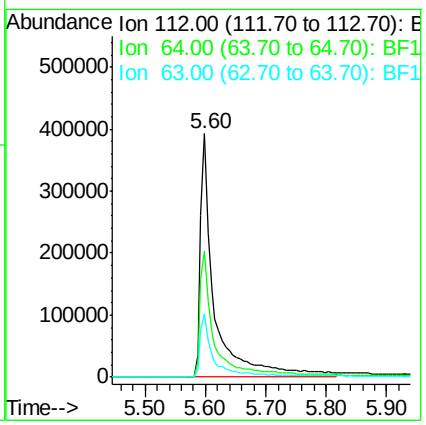


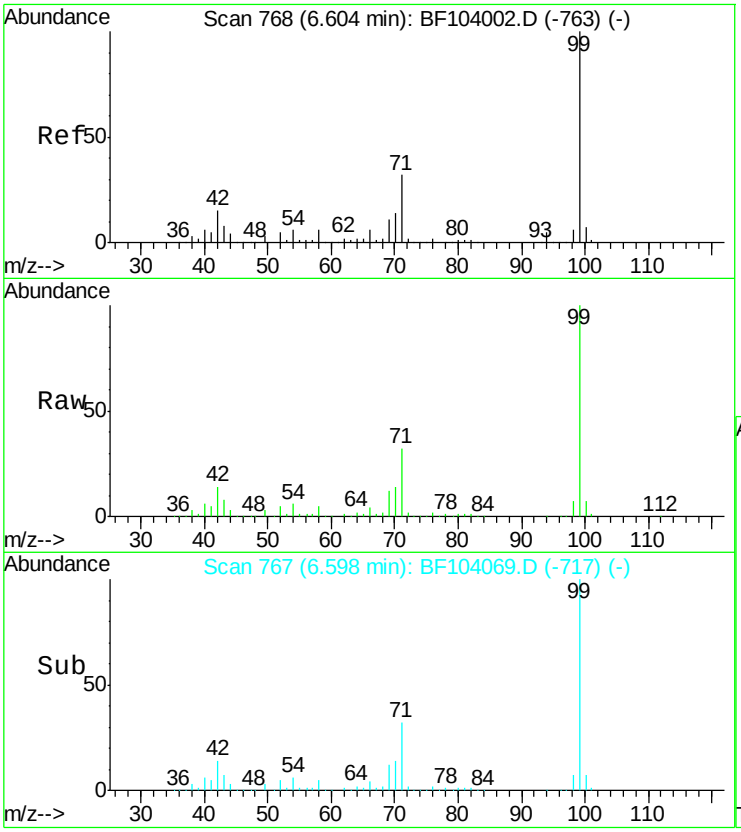


#5
2-Fluorophenol
Concen: 91.543 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Tgt Ion:112 Resp: 648425

Ion	Ratio	Lower	Upper
112	100		
64	51.9	47.9	71.9
63	26.1	23.7	35.5



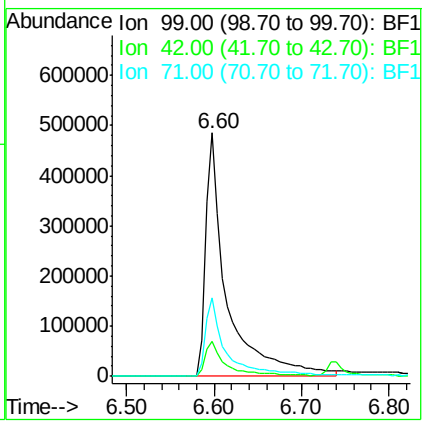


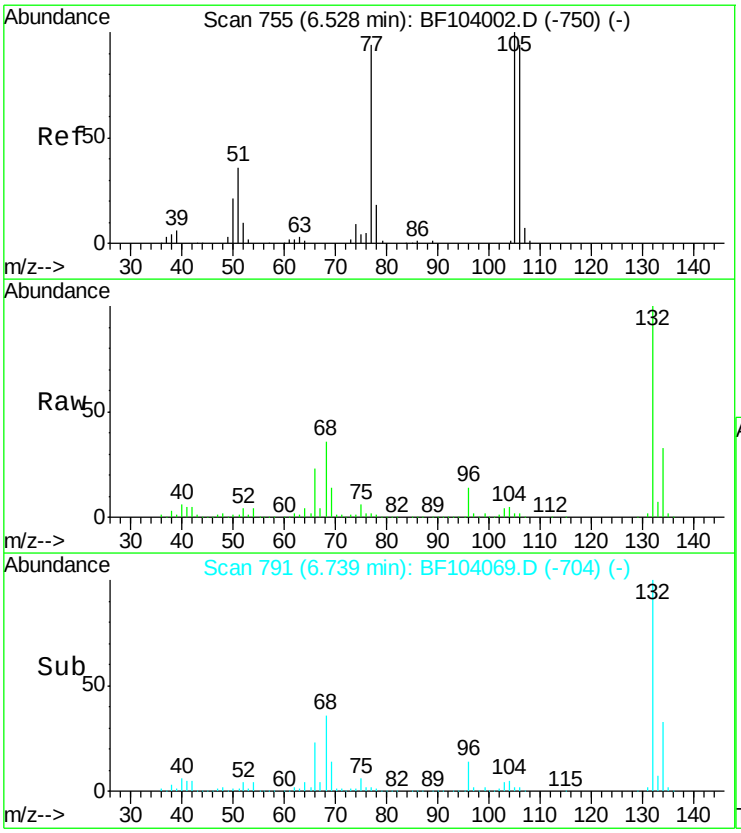
#7
Phenol-d6
Concen: 93.964 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 818852

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7
71	32.0	25.4	38.0

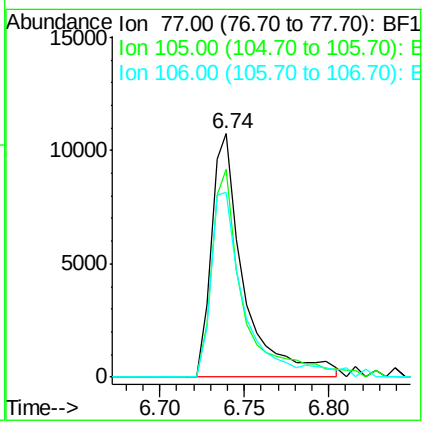


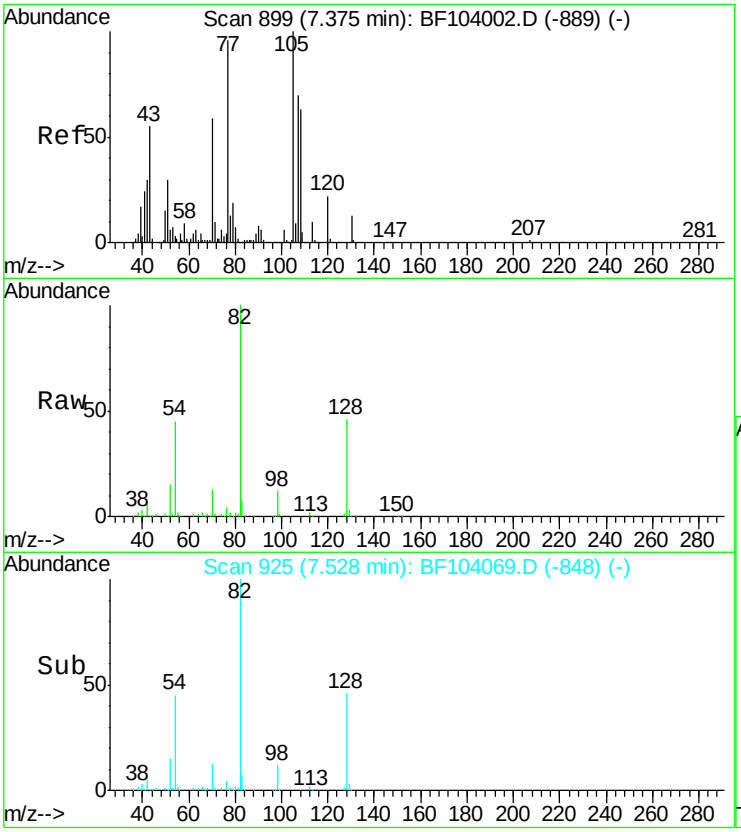


#9
Benzaldehyde
Concen: 2.022 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.21 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Tgt Ion: 77 Resp: 14502

Ion	Ratio	Lower	Upper
77	100		
105	85.2	81.1	121.1
106	75.8	74.5	114.5



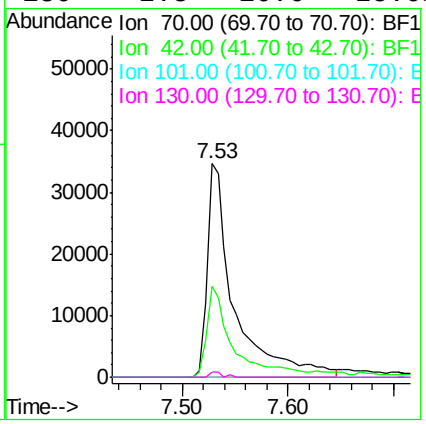


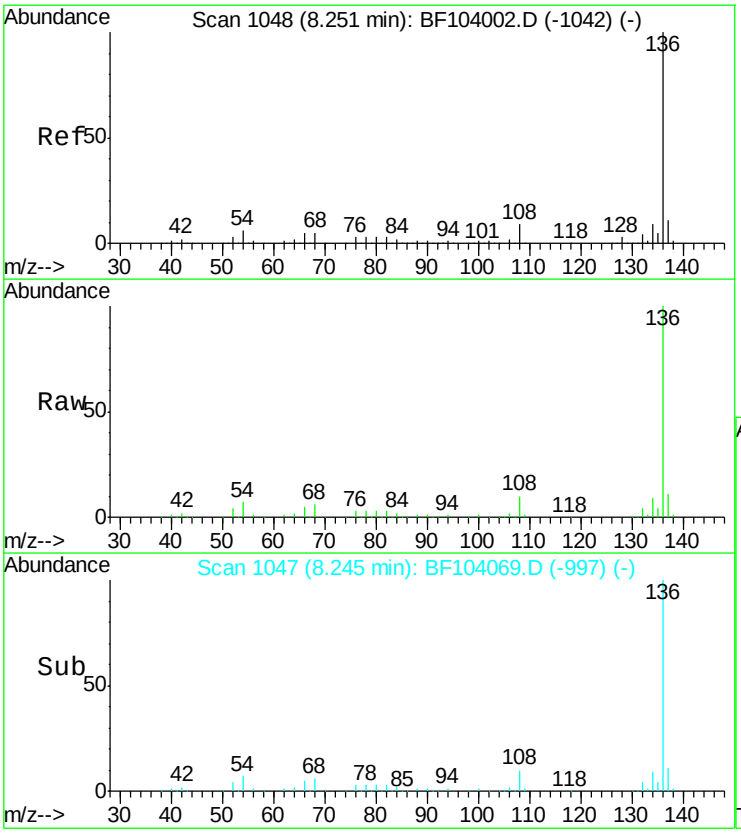
#19
n-Nitroso-di-n-propylamine
Concen: 11.910 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 61596

Ion	Ratio	Lower	Upper
70	100		
42	42.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

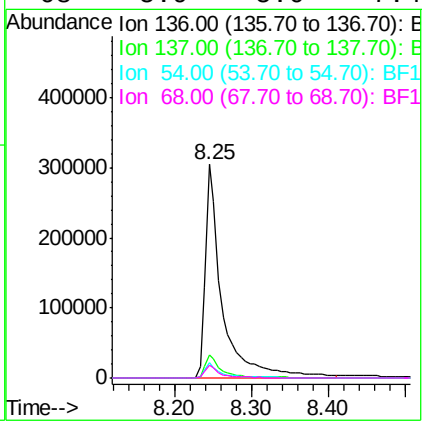


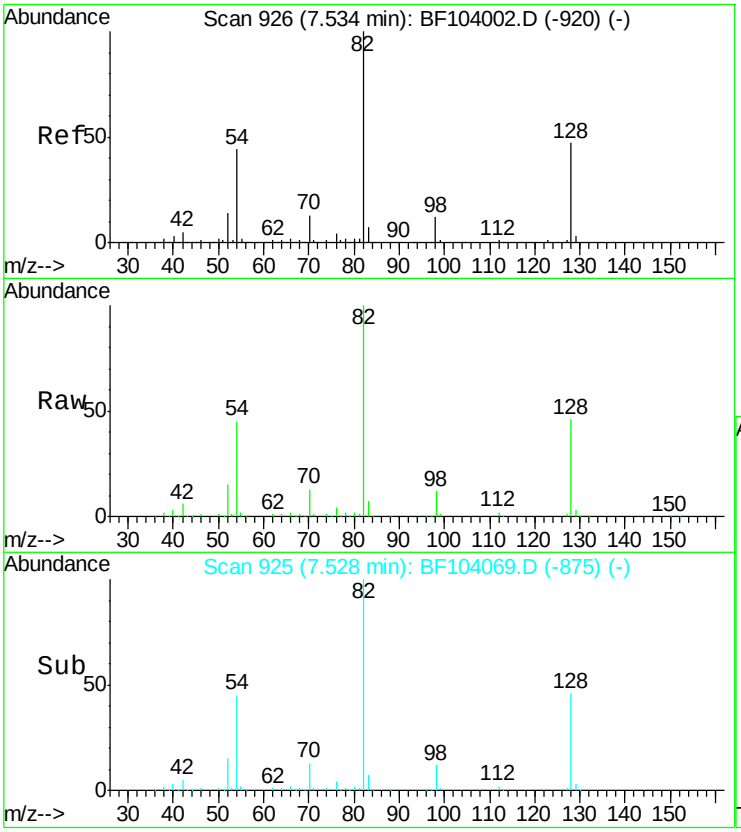


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Tgt Ion:136 Resp: 465065

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.1	6.6	9.8
68	5.9	5.0	7.4



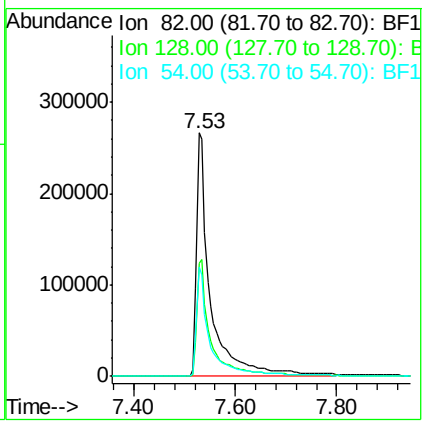


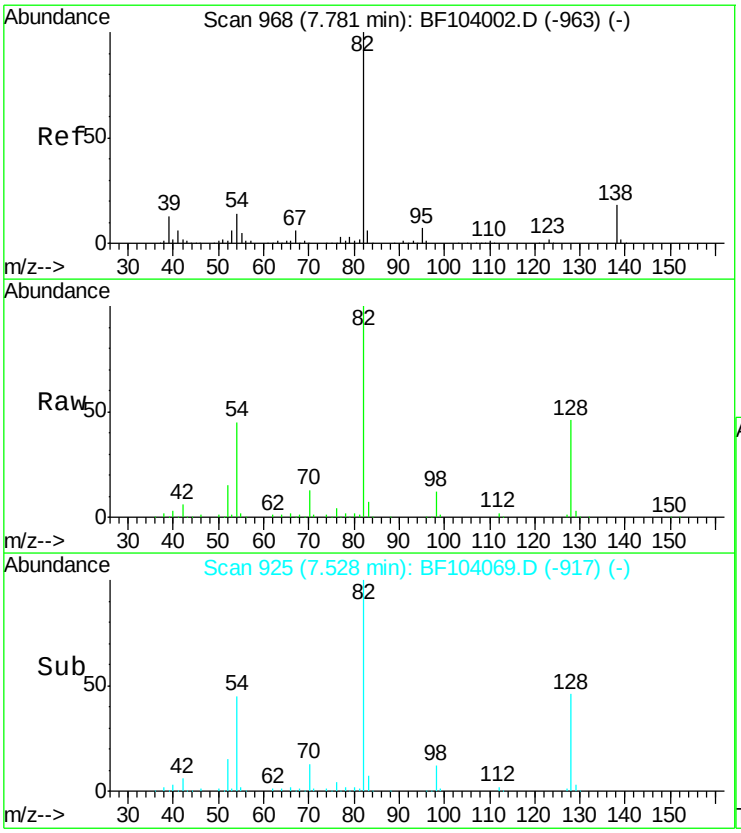
#23
Nitrobenzene-d5
Concen: 67.895 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 516319

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	44.9	41.4	62.2

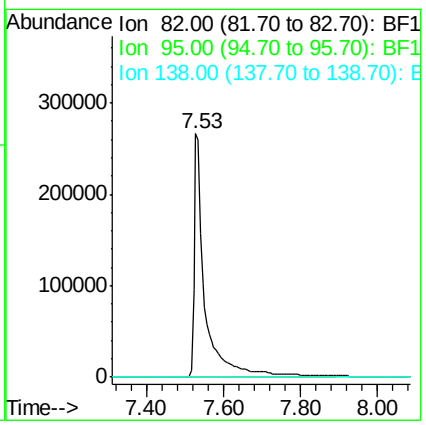


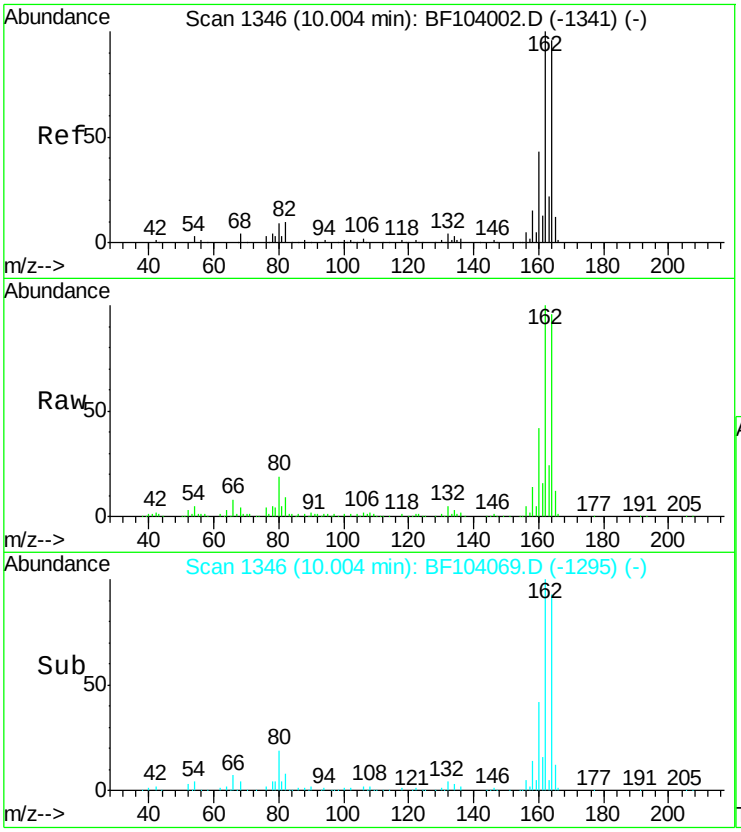


#25
Isophorone
Concen: 37.568 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Tgt Ion: 82 Resp: 526504

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



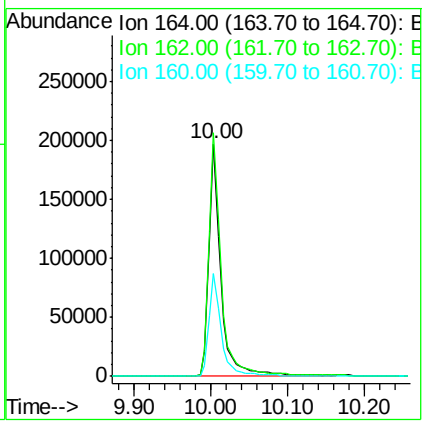


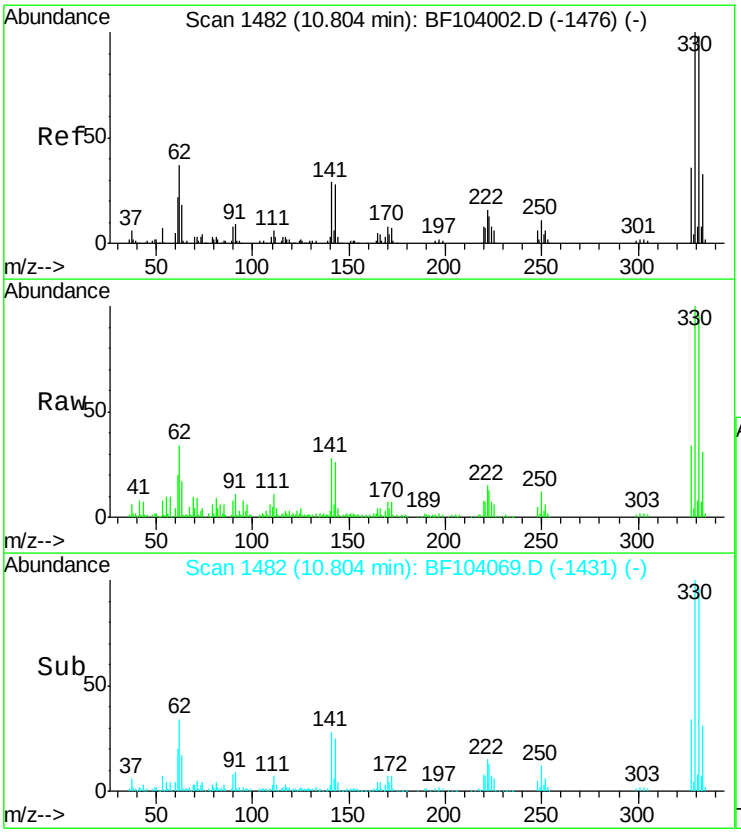
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 214900

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	44.1	38.3	57.5

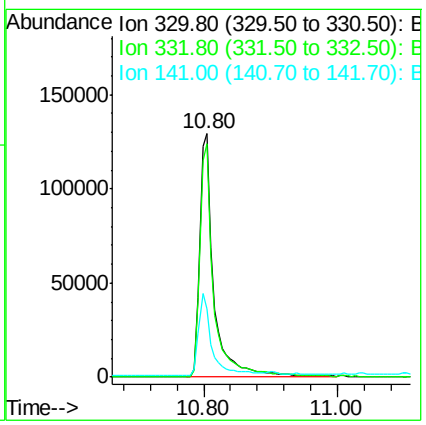


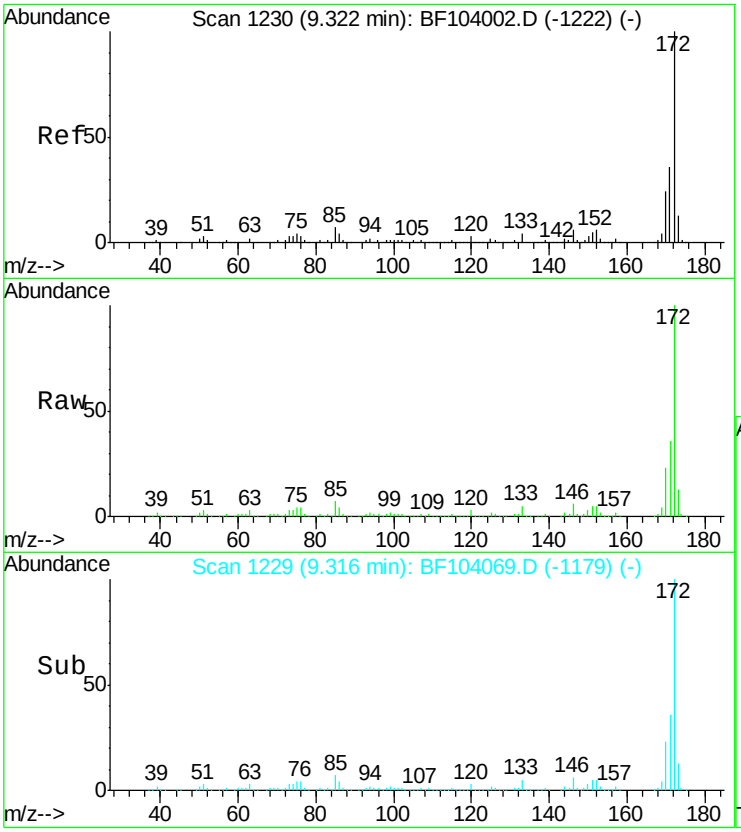


#41
2,4,6-Tribromophenol
Concen: 77.319 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Tgt Ion:330 Resp: 185019

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	31.6	29.9	44.9



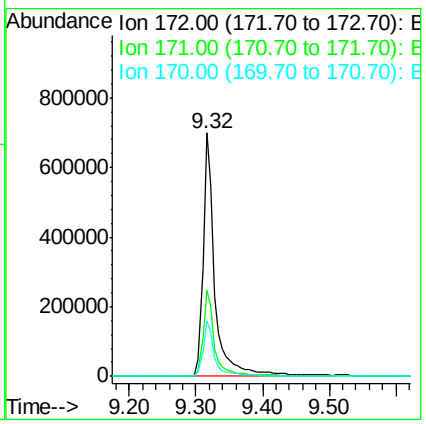


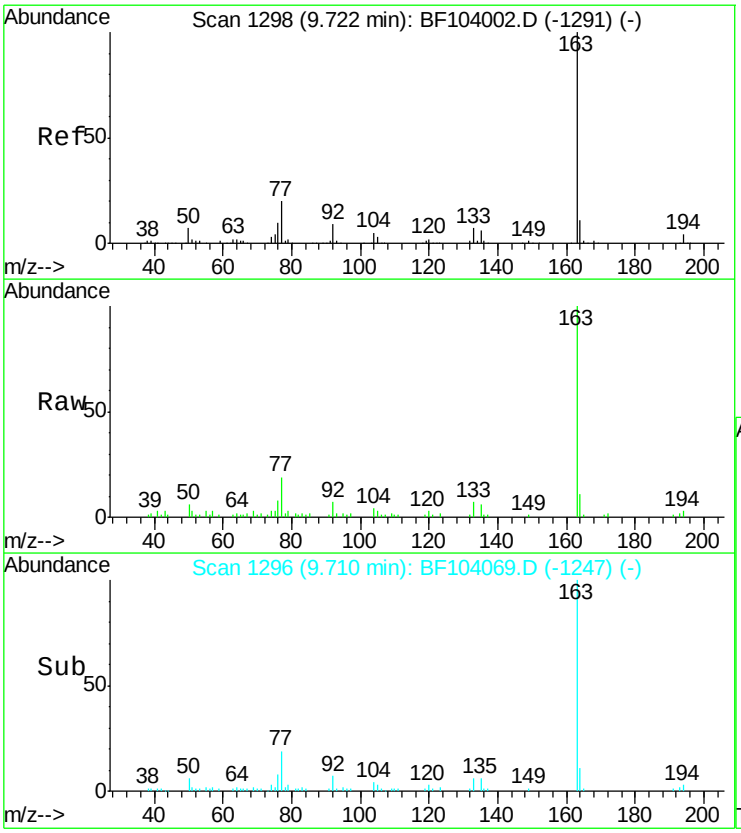
#44
2-Fluorobiphenyl
Concen: 62.622 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 853398

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	22.9	19.6	29.4

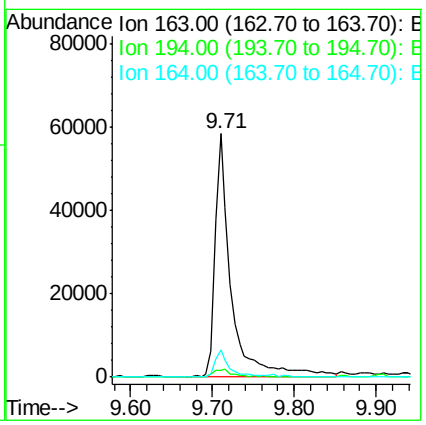


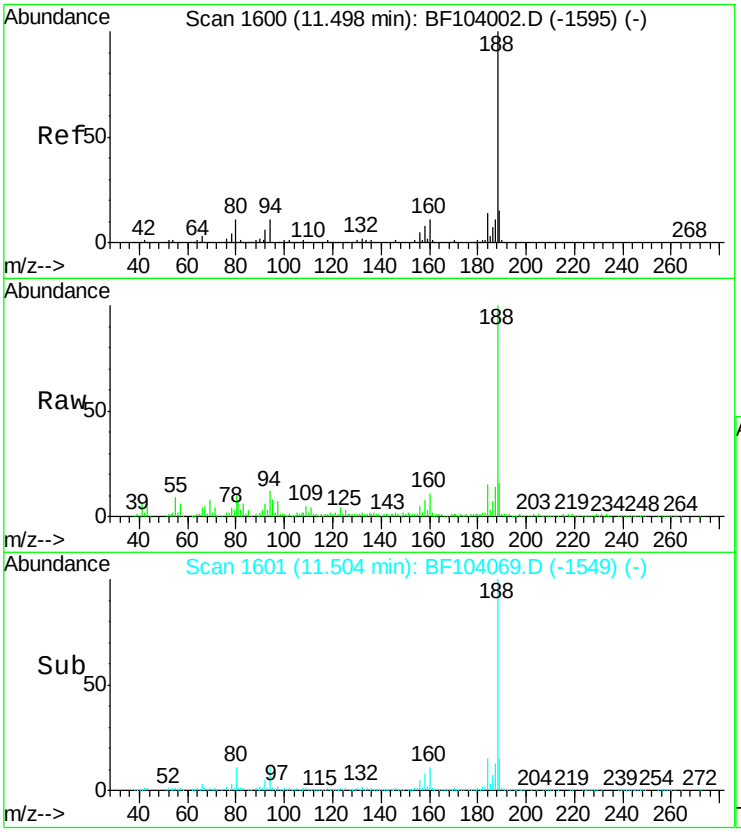


#49
Dimethylphthalate
Concen: 4.781 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Tgt Ion:163 Resp: 81120

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	11.2	8.2	12.2



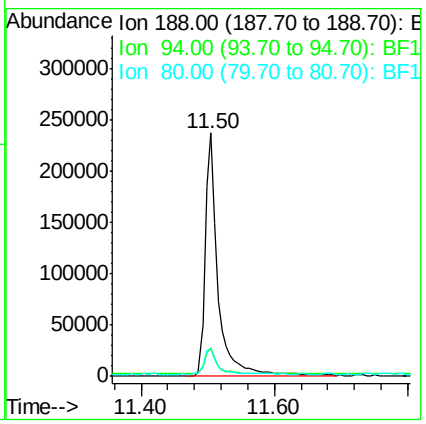


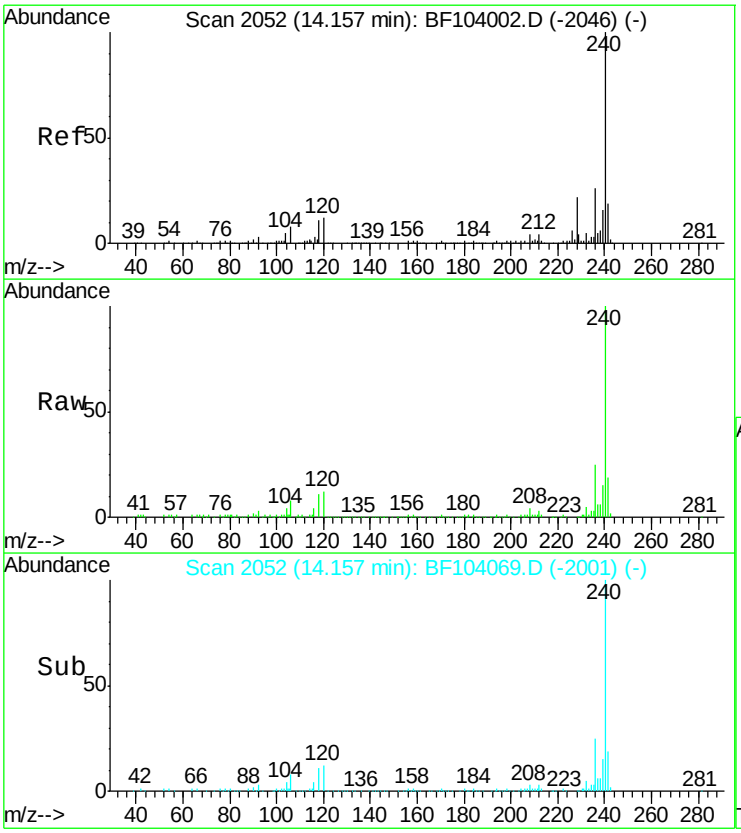
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 315692

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	11.4	9.2	13.8

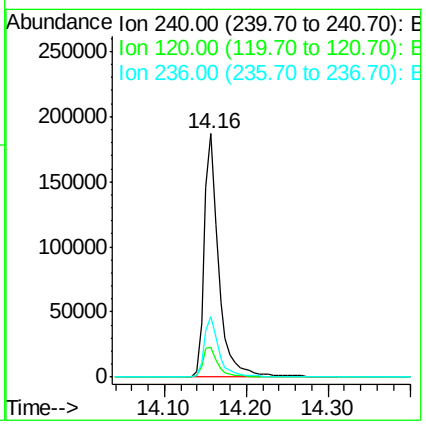


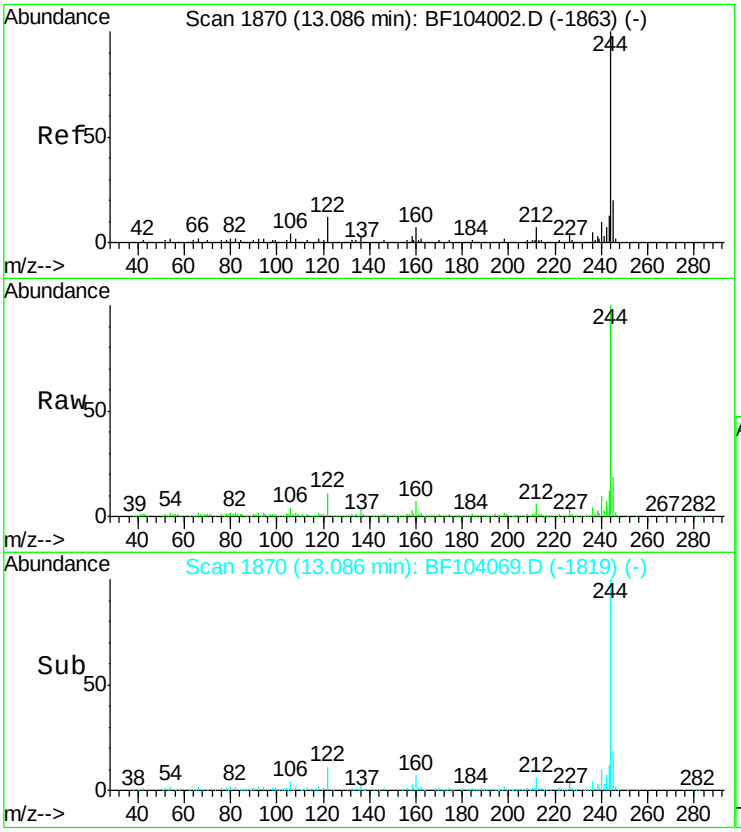


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Tgt Ion:240 Resp: 230602

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	24.8	20.7	31.1



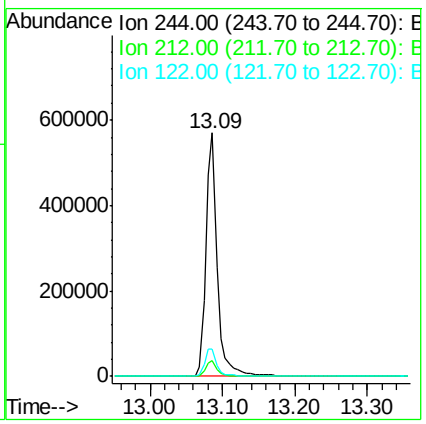


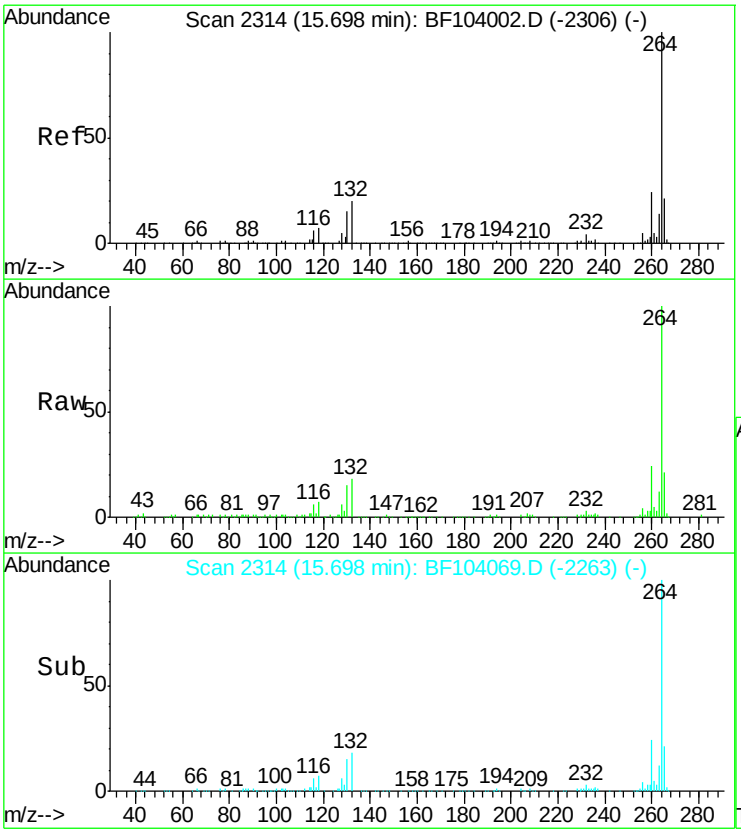
#78
Terphenyl-d14
Concen: 62.075 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 619957

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Tgt Ion:264 Resp: 226792

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.5	26.3