Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103288.D
Acq On : 28 Feb 2018 3:21
Operator : SJ/JU
Sample : J1683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW10-GW

Quant Time: Feb 28 04:29:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142475	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	534393	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	222973	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	318332	20.00	ng		0.00
75) Chrysene-d12	14.05	240	243111	20.00	ng		0.00
86) Perylene-d12	15.56	264	186837	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	432884	45.95	ng		0.00
7) Phenol-d6	6.50	99	354478	30.75	ng		0.00
23) Nitrobenzene-d5	7.45	82	571907	61.12	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	164718	87.28	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	966449	71.96	ng		0.00
78) Terphenyl-d14	12.99	244	681583	67.39	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	53547	4.002	ng		92
22) Acetophenone	7.26	105	304935	24.446	ng	#	58
31) Naphthalene	8.18	128	421825	16.123	ng		97
49) Dimethylphthalate	9.63	163	51990	2.907	ng	#	57

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

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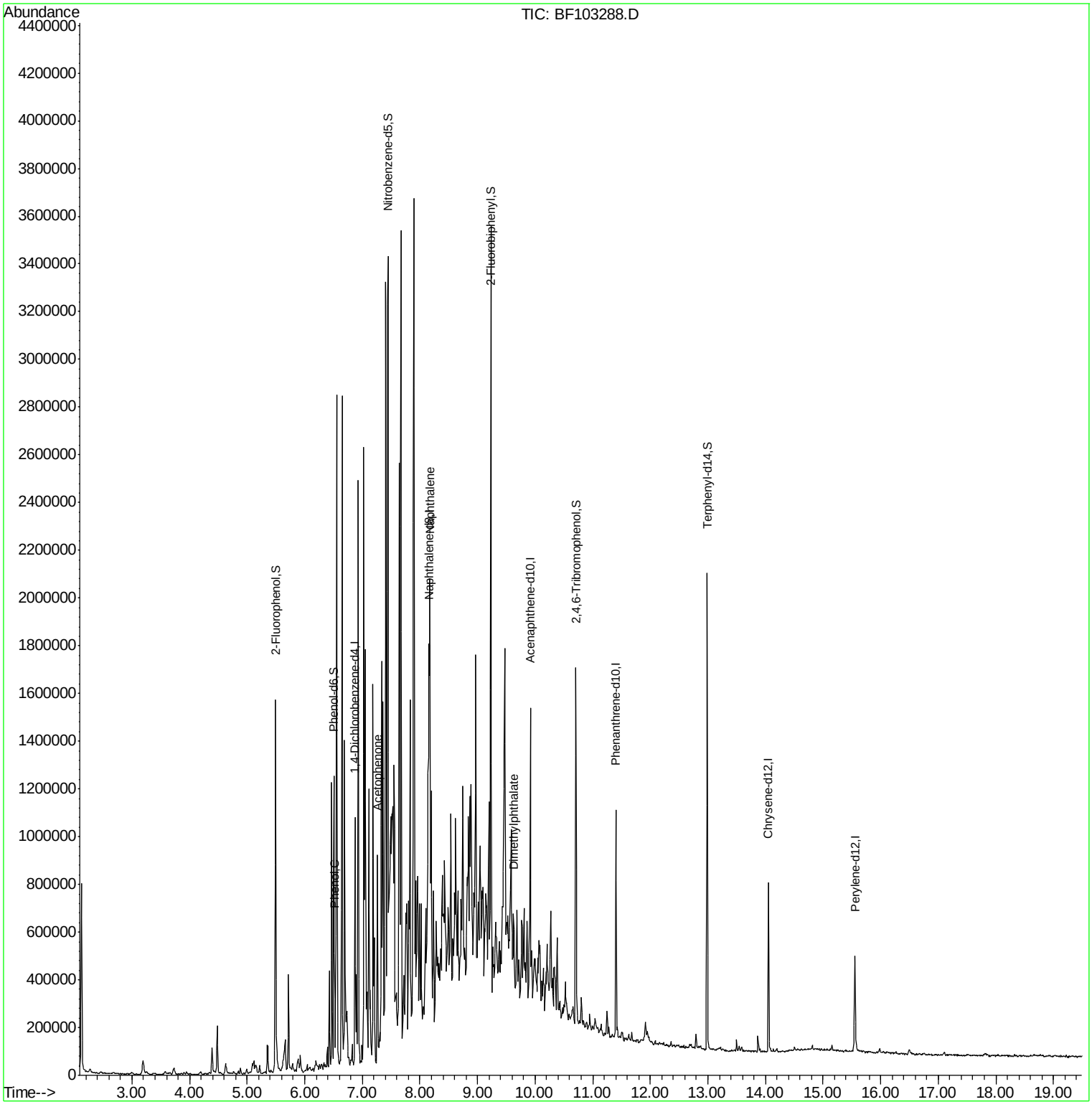
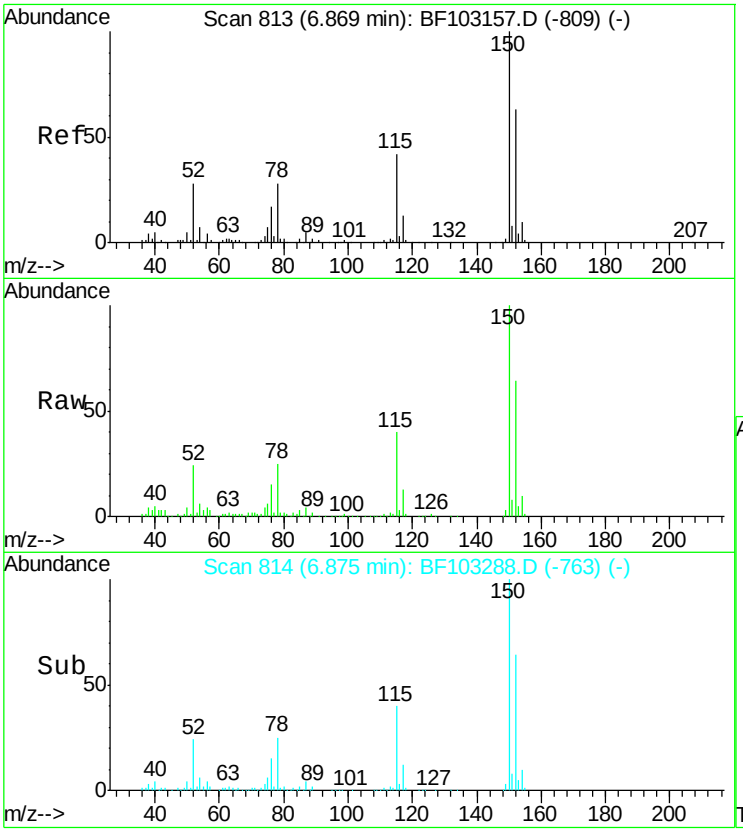


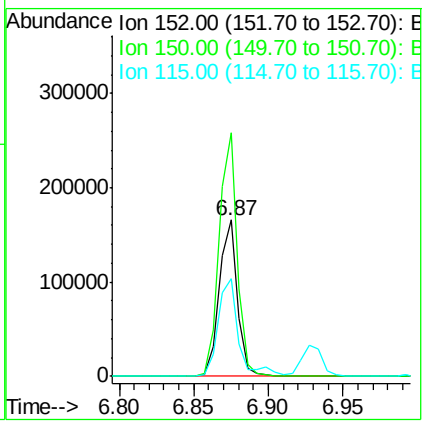


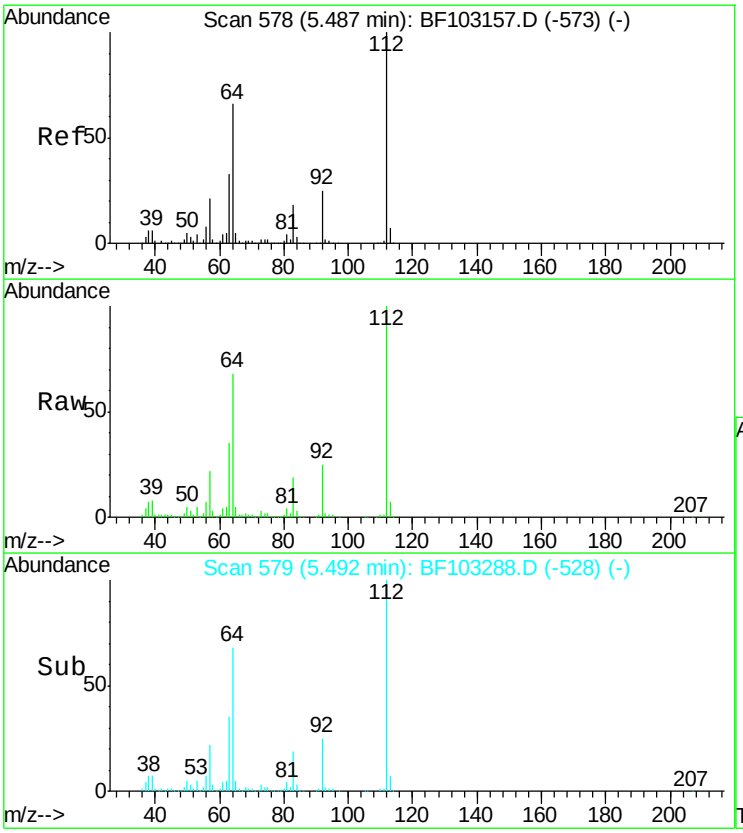
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:152 Resp: 142475

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	62.4	50.1	75.1

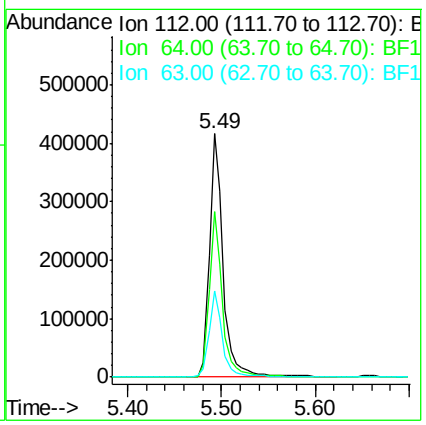


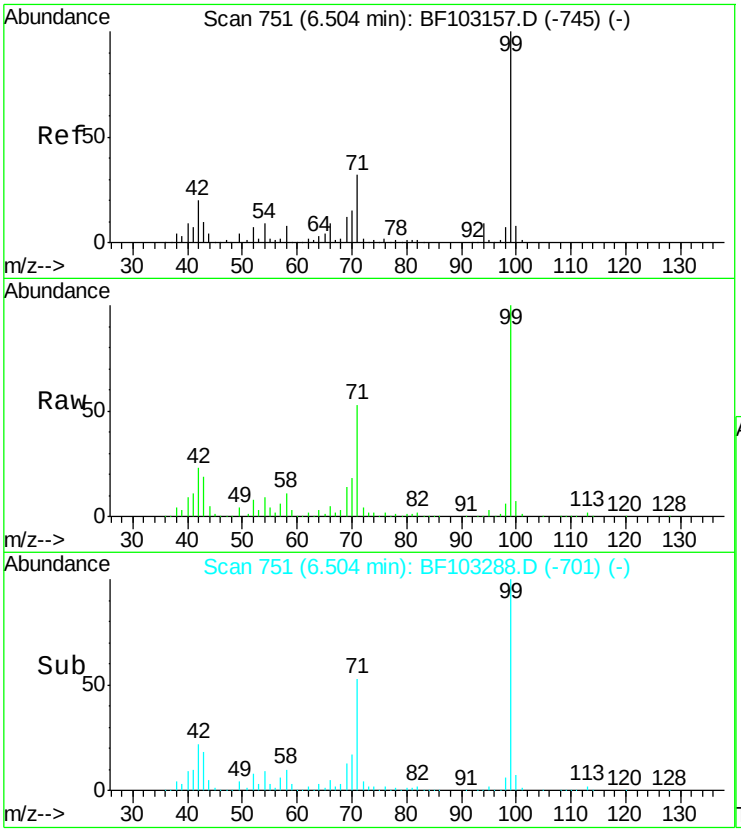


#5
2-Fluorophenol
Concen: 45.952 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Tgt Ion:112 Resp: 432884

Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	35.4	23.7	35.5



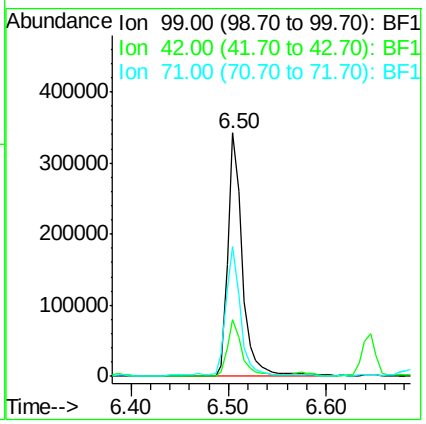


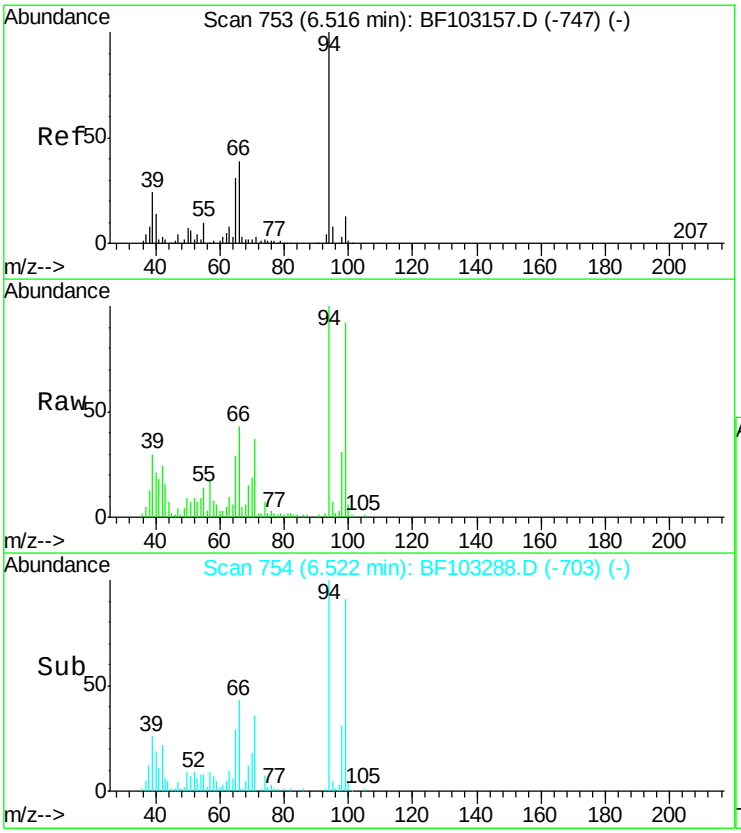
#7
Phenol-d6
Concen: 30.752 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion: 99 Resp: 354478

Ion	Ratio	Lower	Upper
99	100		
42	23.4	14.5	21.7#
71	53.4	25.4	38.0#

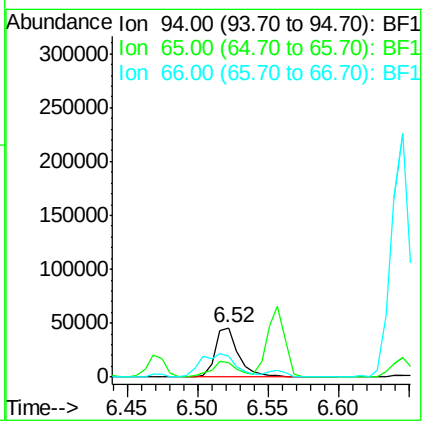


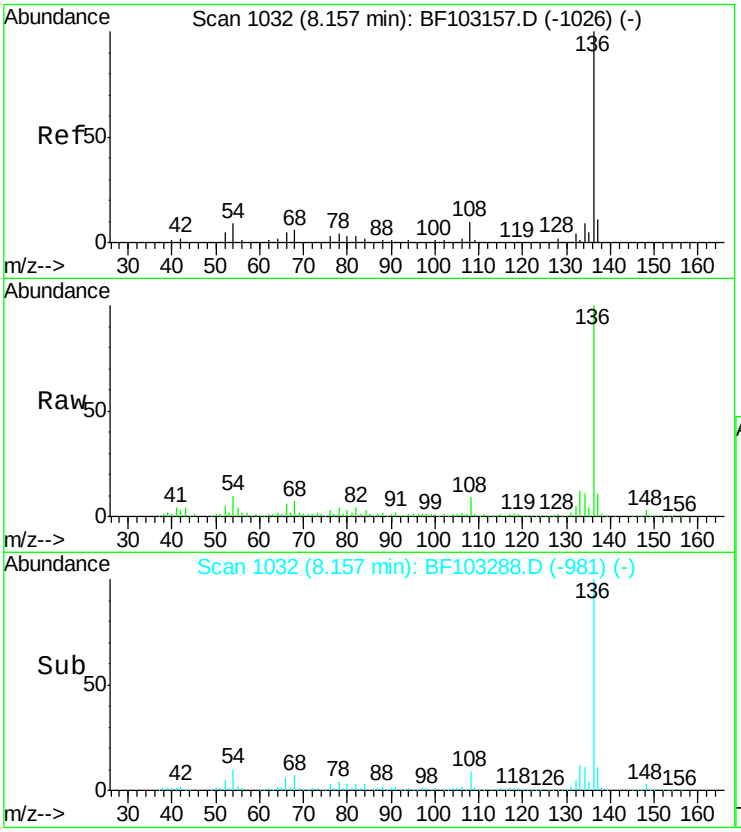


#10
Phenol
Concen: 4.002 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Tgt Ion: 94 Resp: 53547

Ion	Ratio	Lower	Upper
94	100		
65	29.0	7.9	47.9
66	43.2	16.2	56.2



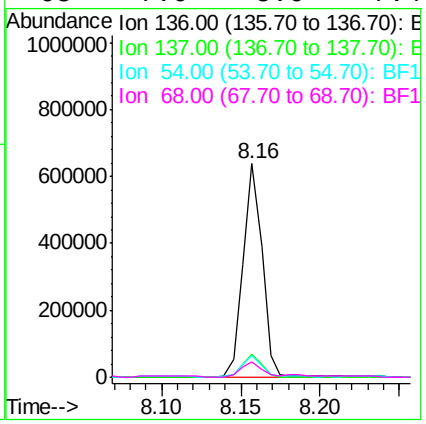


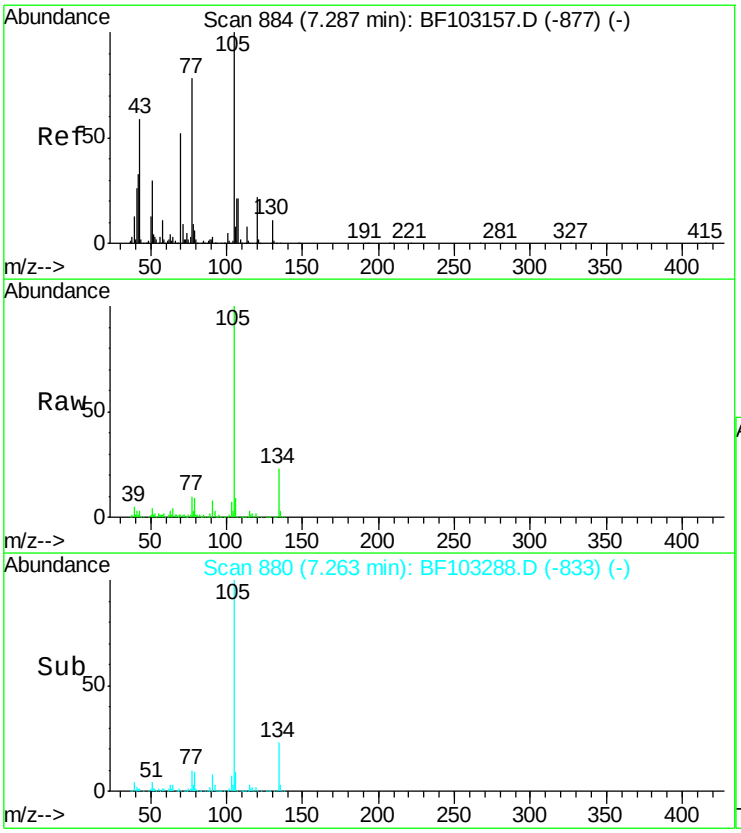
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:136 Resp: 534393

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.0	6.6	9.8#
68	7.0	5.0	7.4

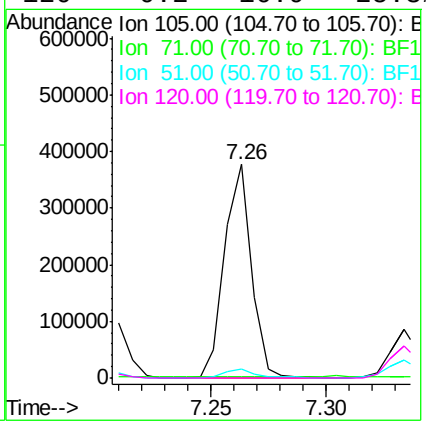


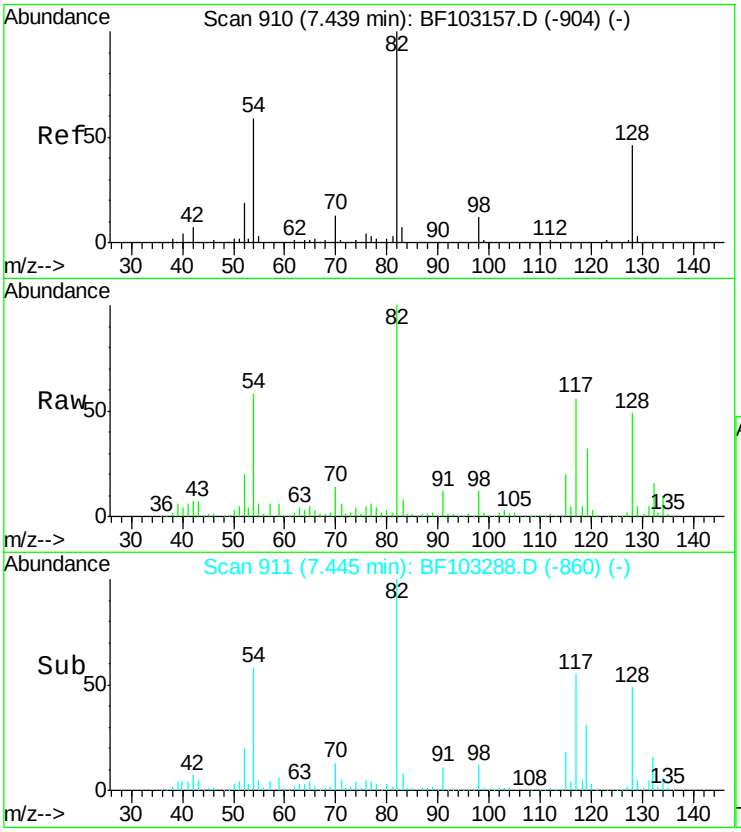


#22
Acetophenone
Concen: 24.446 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Tgt Ion:105 Resp: 304935

Ion	Ratio	Lower	Upper
105	100		
71	0.7	4.4	6.6#
51	3.9	22.3	33.5#
120	0.2	16.9	25.3#



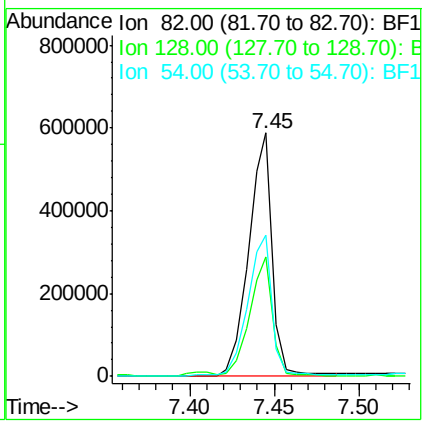


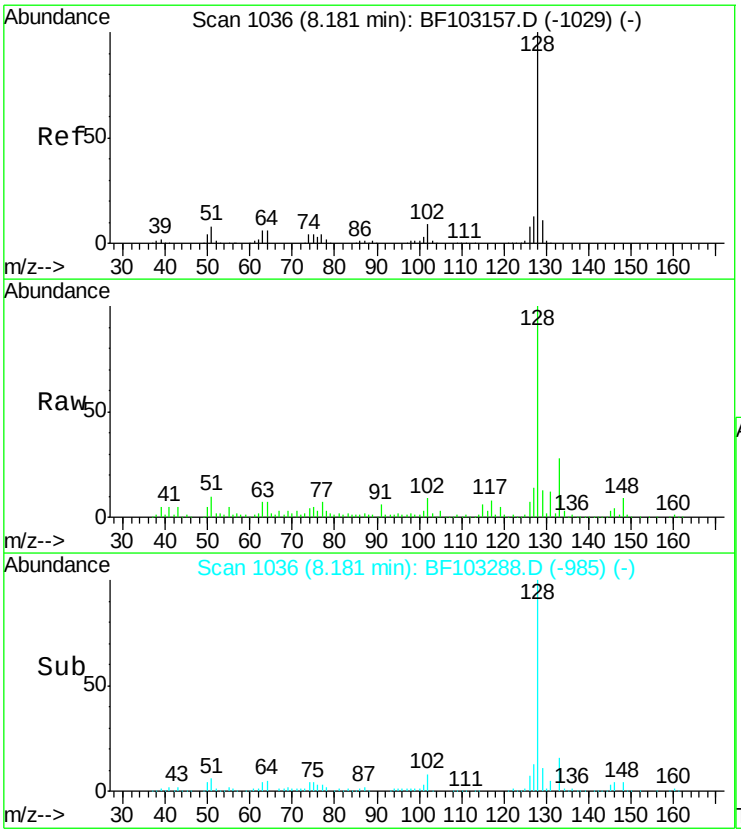
#23
Nitrobenzene-d5
Concen: 61.117 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion: 82 Resp: 571907

Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	57.9	41.4	62.2

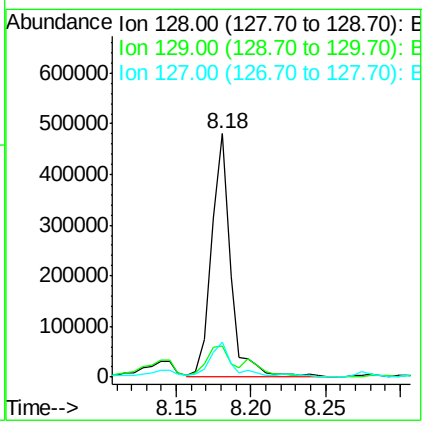


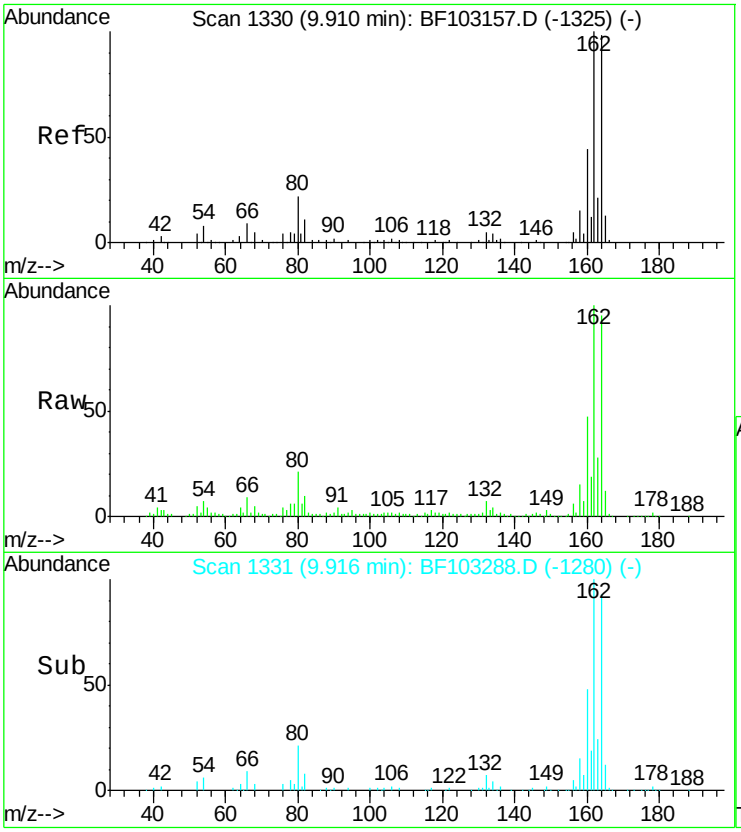


#31
Naphthalene
Concen: 16.123 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Tgt Ion:128 Resp: 421825

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.8	13.2
127	14.2	10.9	16.3



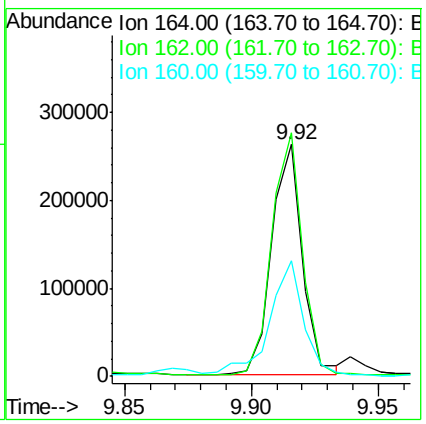


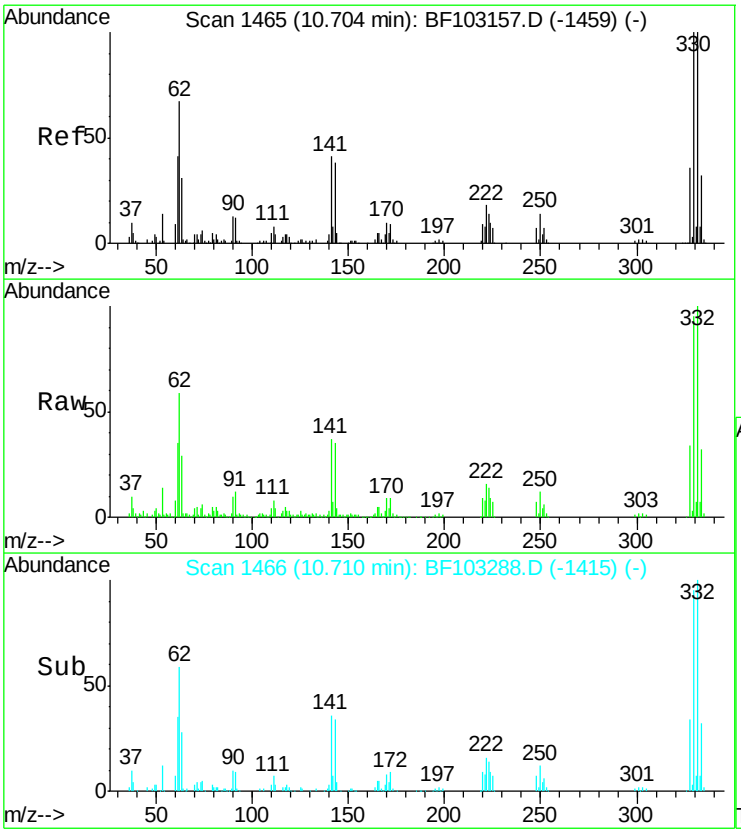
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:164 Resp: 222973

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	49.8	38.3	57.5

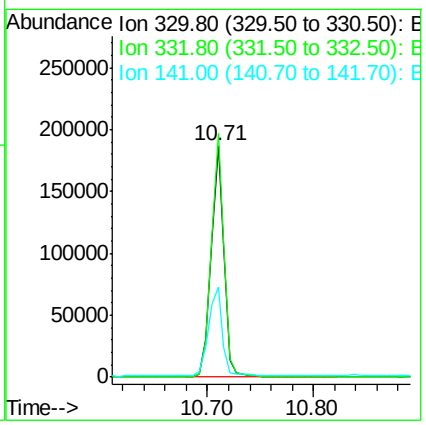


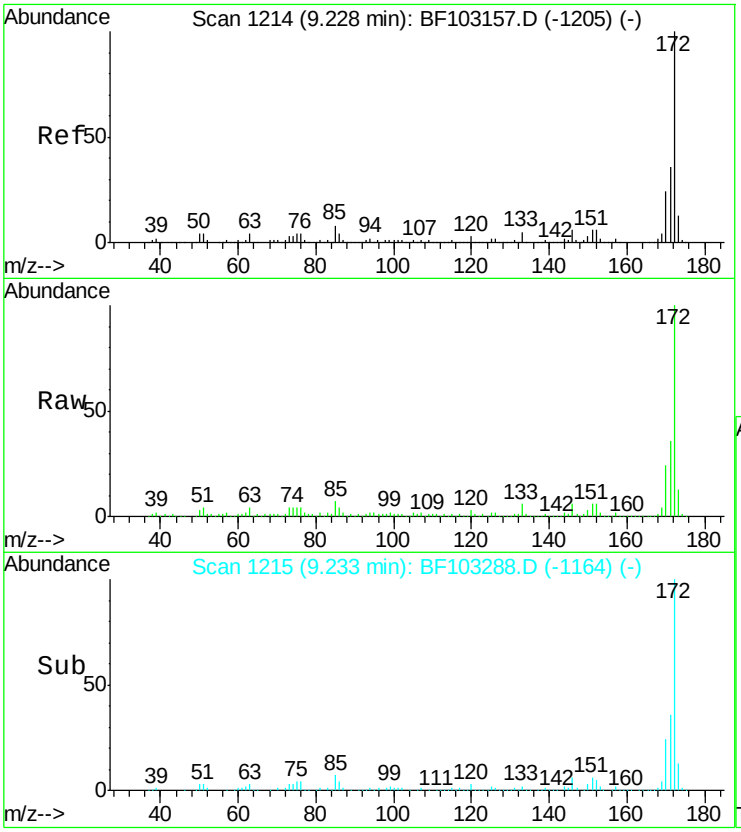


#41
2,4,6-Tribromophenol
Concen: 87.275 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Tgt Ion:330 Resp: 164718

Ion	Ratio	Lower	Upper
330	100		
332	103.0	77.0	115.6
141	40.4	29.9	44.9



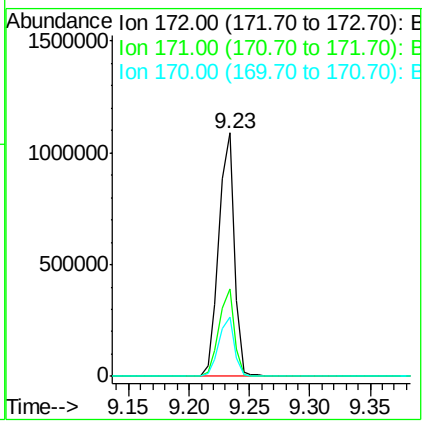


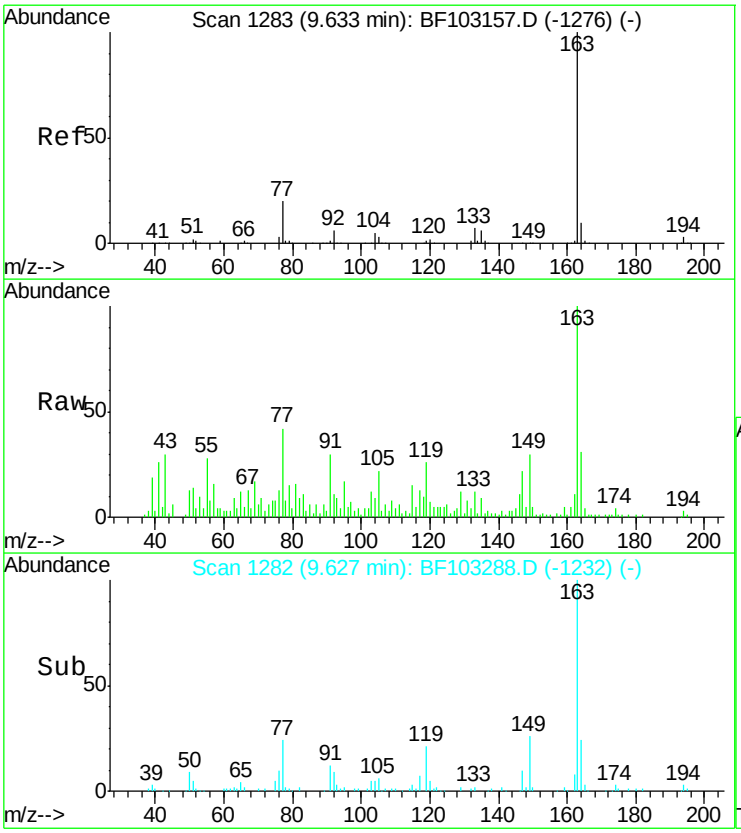
#44
2-Fluorobiphenyl
Concen: 71.963 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:172 Resp: 966449

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

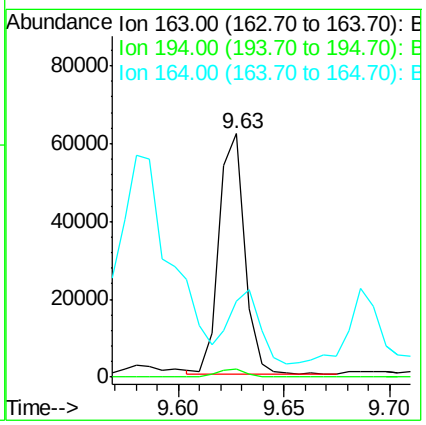


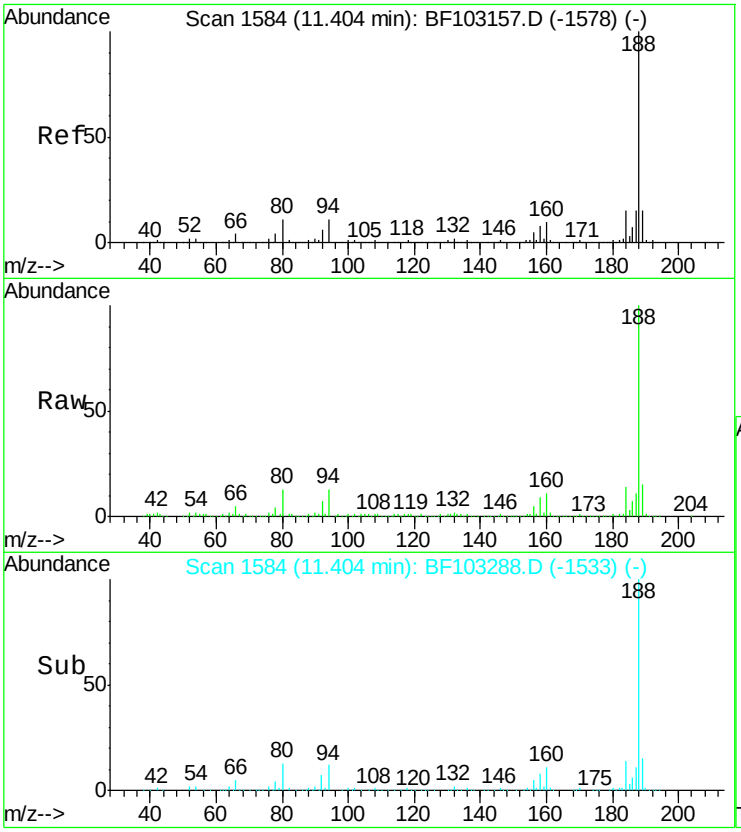


#49
Dimethylphthalate
Concen: 2.907 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Tgt Ion:163 Resp: 51990

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	31.4	8.2	12.2#



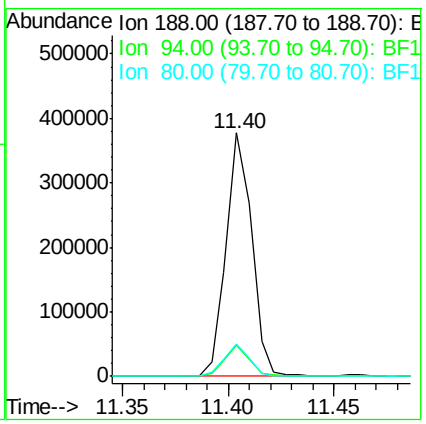


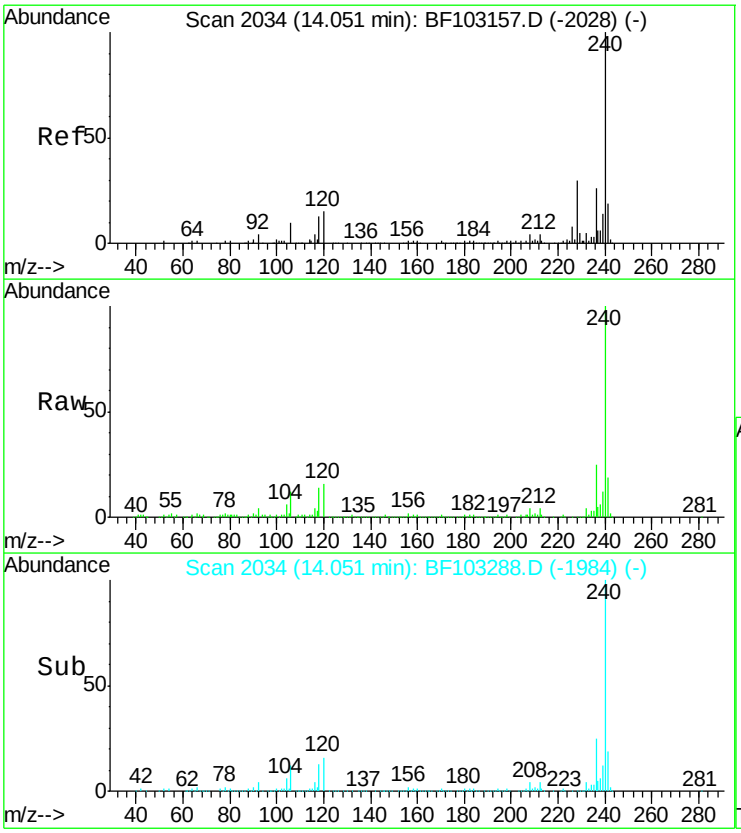
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:188 Resp: 318332

Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.5	12.7
80	13.4	9.2	13.8

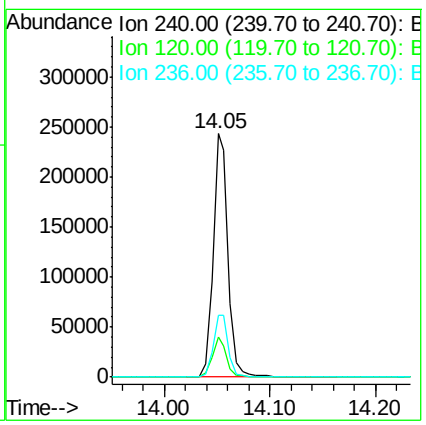


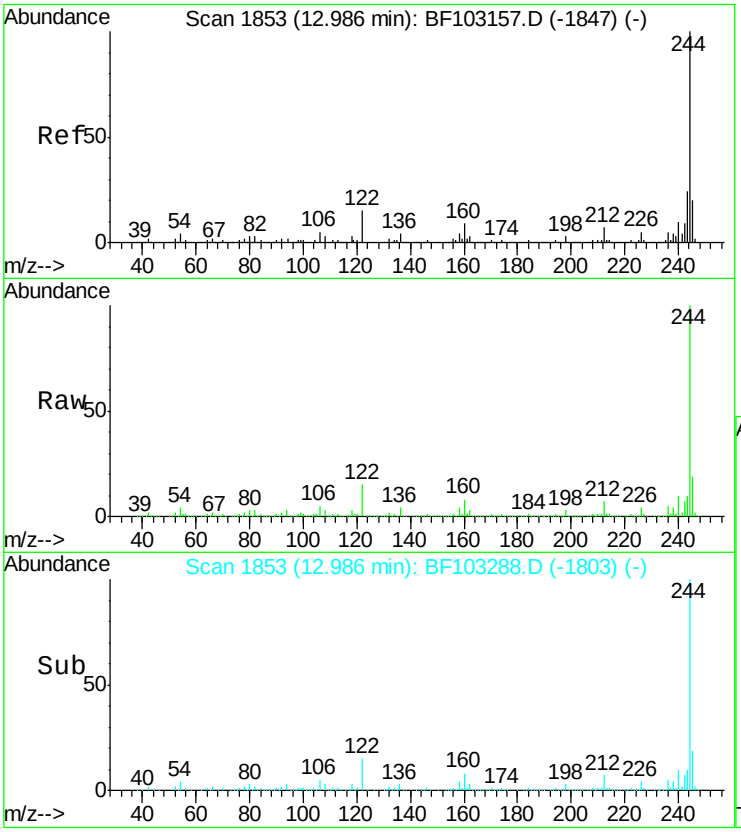


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Tgt Ion:240 Resp: 243111

Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.5	14.3#
236	25.4	20.7	31.1



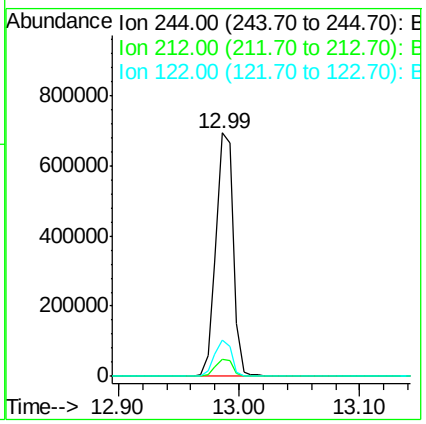


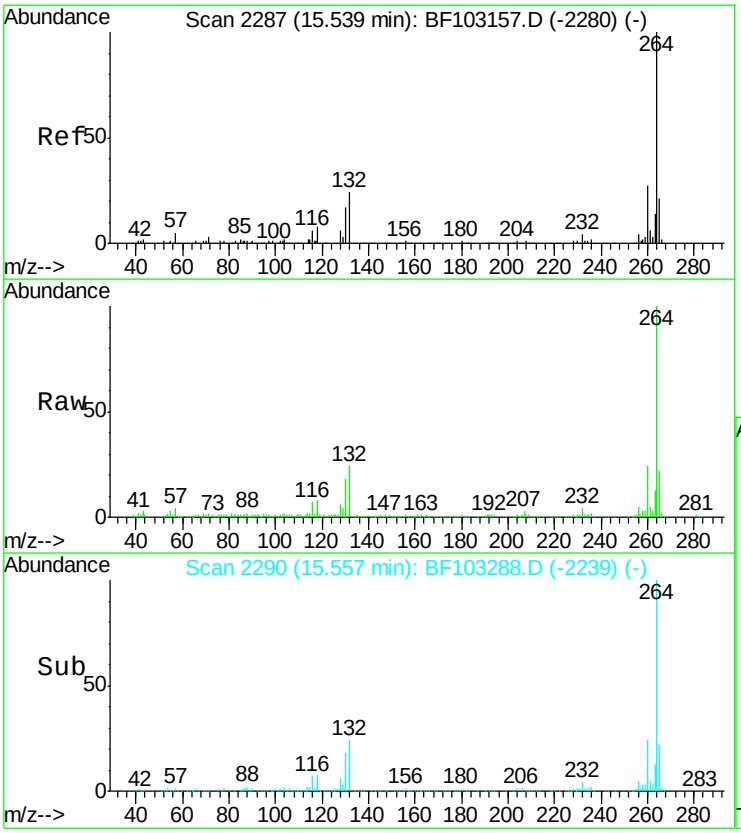
#78
Terphenyl-d14
Concen: 67.395 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:244 Resp: 681583

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Tgt Ion:264 Resp: 186837

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.5	26.3