Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101826.D
Acq On : 29 Dec 2017 13:54
Operator : SJ/JU
Sample : I7040-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

Quant Time: Dec 29 15:14:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	169518	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	649898	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	265111	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	416297	20.00	ng		0.00
75) Chrysene-d12	13.97	240	301255	20.00	ng		0.00
86) Perylene-d12	15.44	264	315152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	385997	33.92	ng		0.00
7) Phenol-d6	6.44	99	303263	21.41	ng		0.00
23) Nitrobenzene-d5	7.36	82	604152	51.75	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	176111	68.94	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	960941	56.23	ng		0.00
78) Terphenyl-d14	12.89	244	654291	52.36	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	86022	5.329	ng		93
35) Caprolactam	8.51	113	20761	6.417	ng	#	82

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

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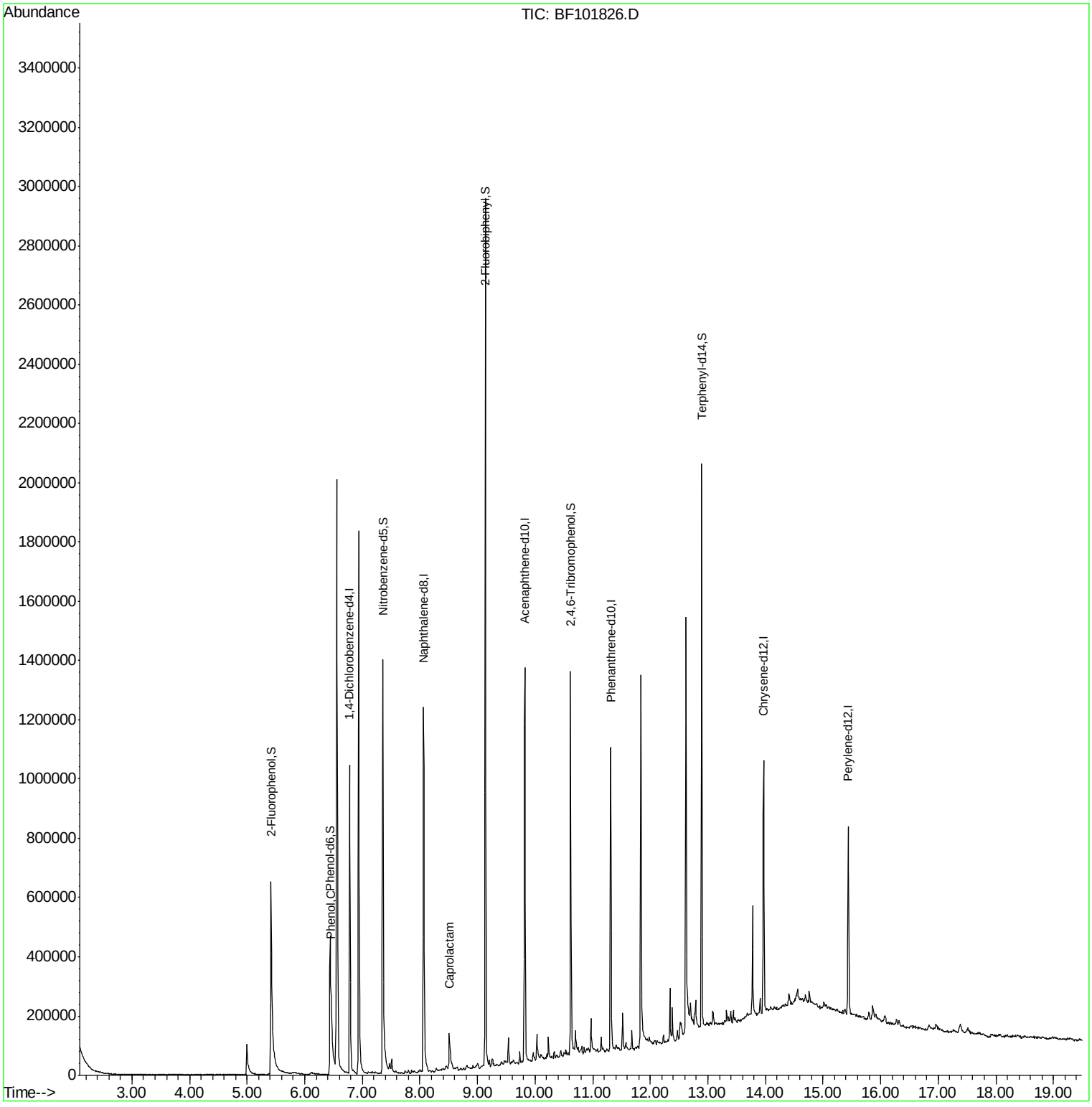
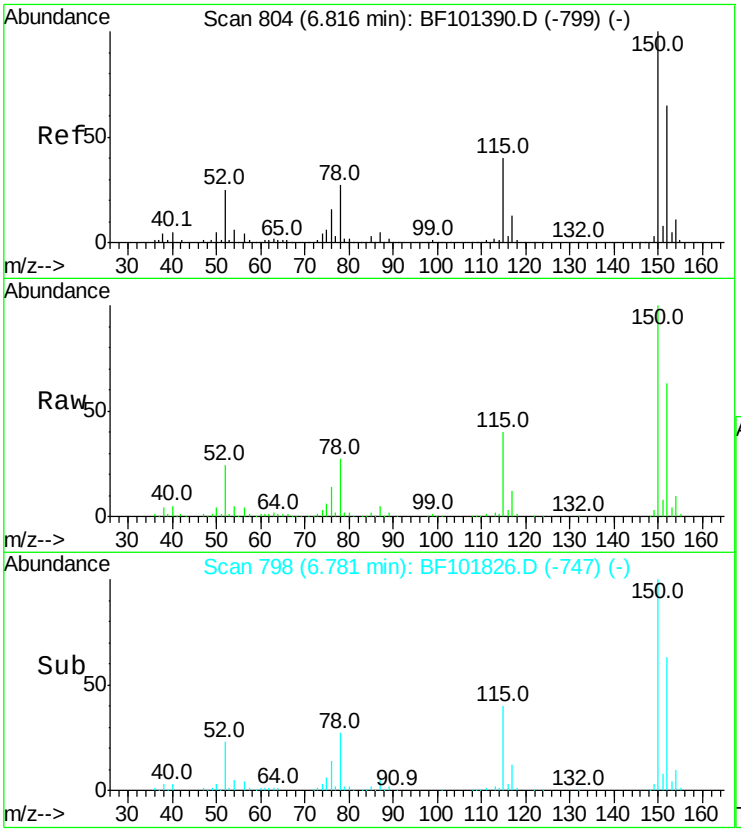


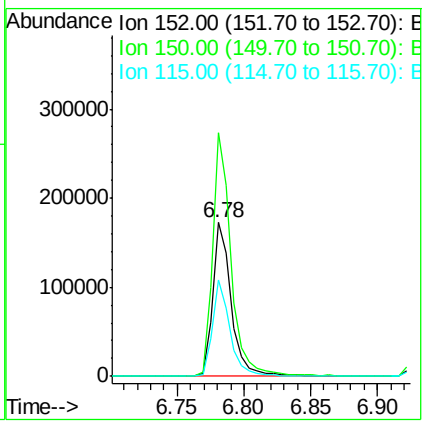


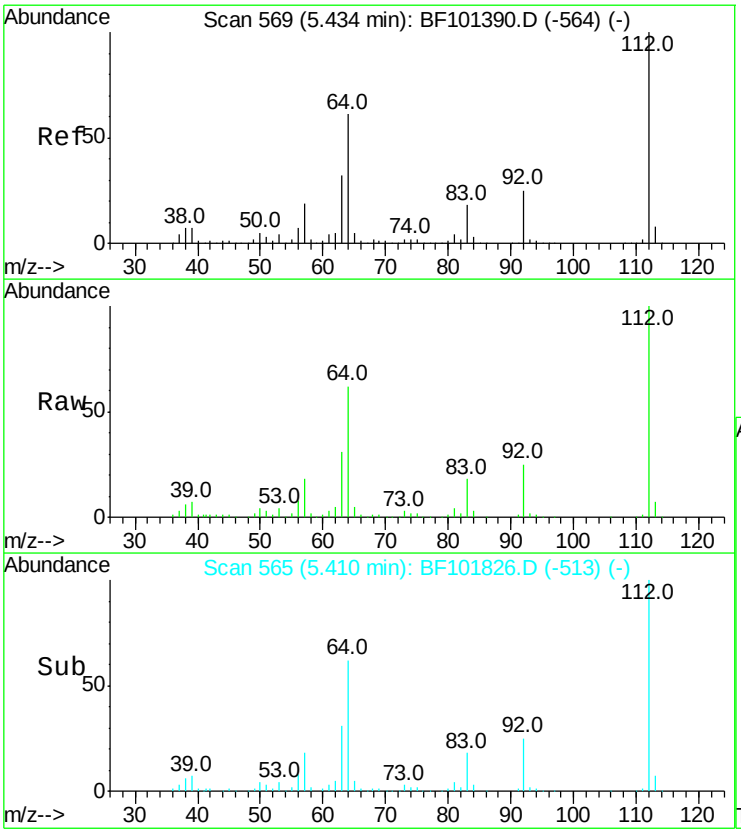
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 169518

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	62.8	50.1	75.1

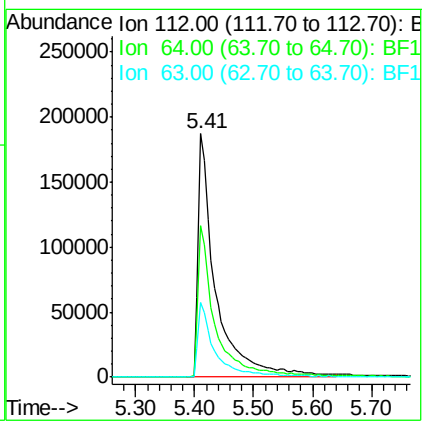


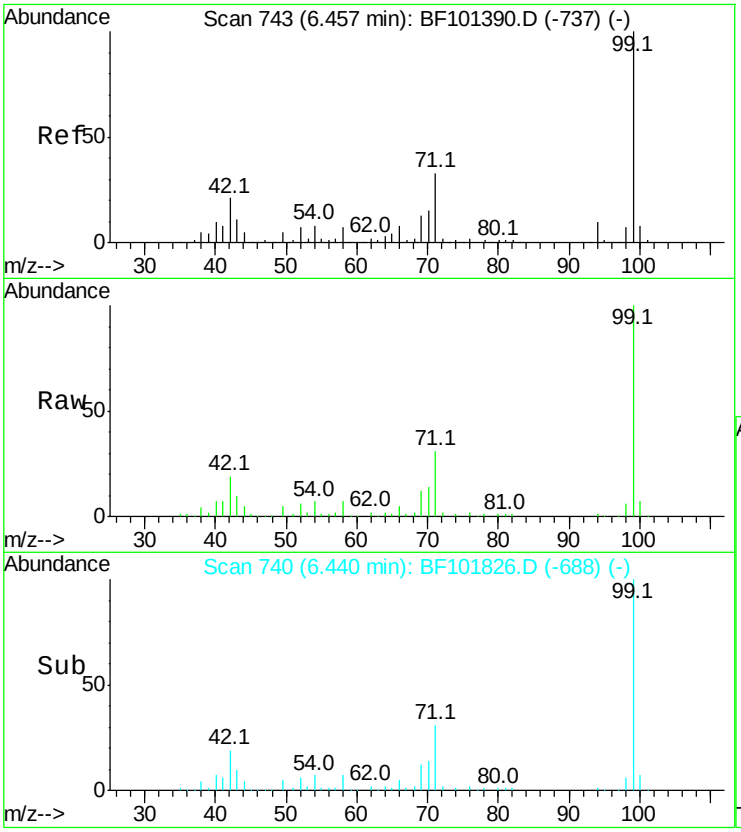


#5
2-Fluorophenol
Concen: 33.918 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Tgt Ion:112 Resp: 385997

Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	30.7	23.7	35.5



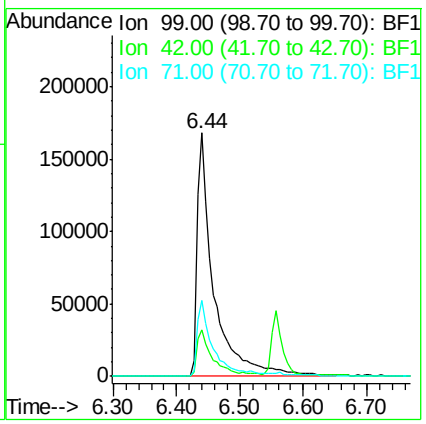


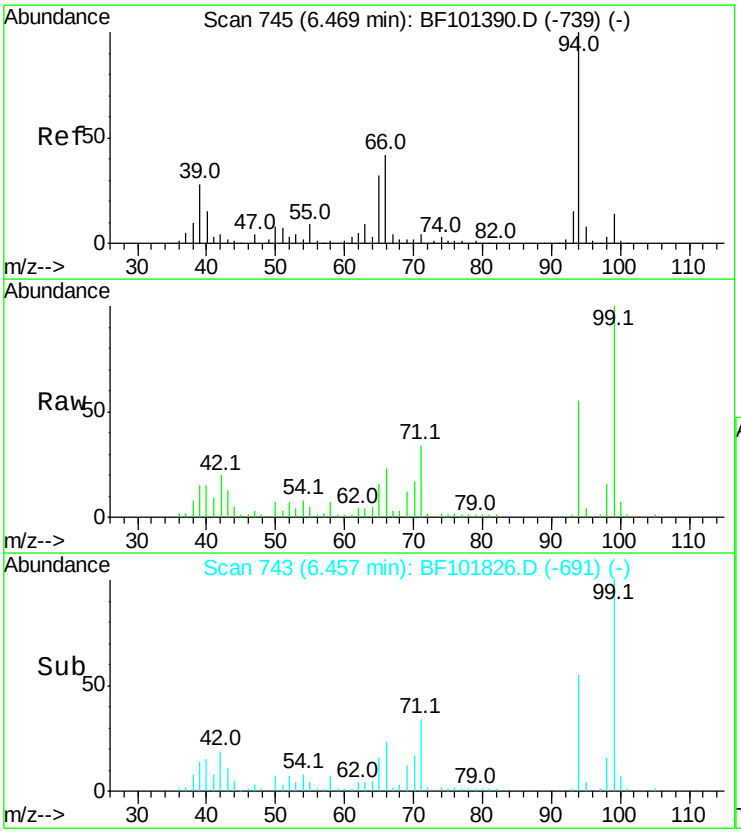
#7
Phenol-d6
Concen: 21.412 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion: 99 Resp: 303263

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	30.9	25.4	38.0

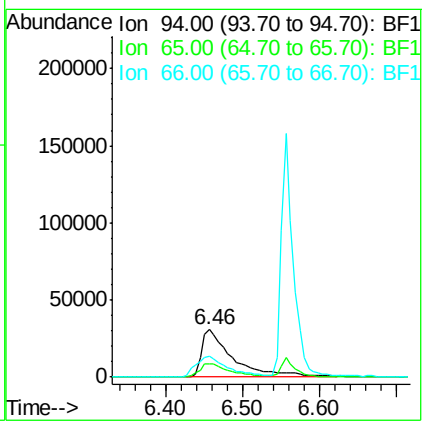


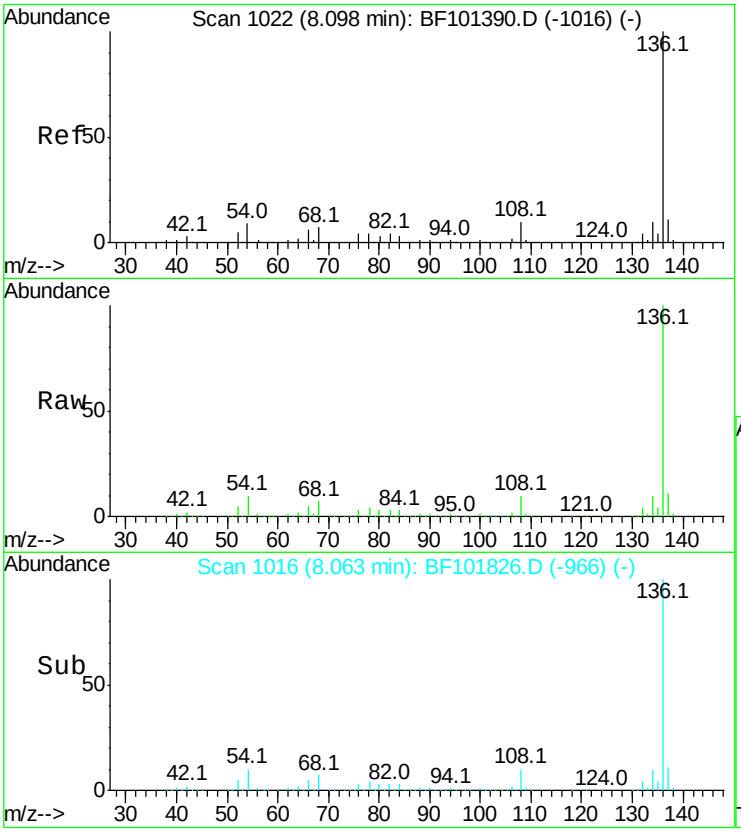


#10
Phenol
Concen: 5.329 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Tgt Ion: 94 Resp: 86022

Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	42.7	16.2	56.2



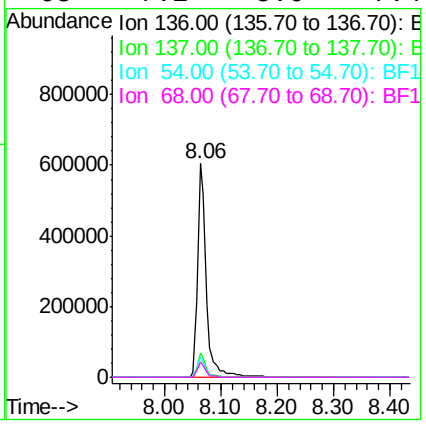


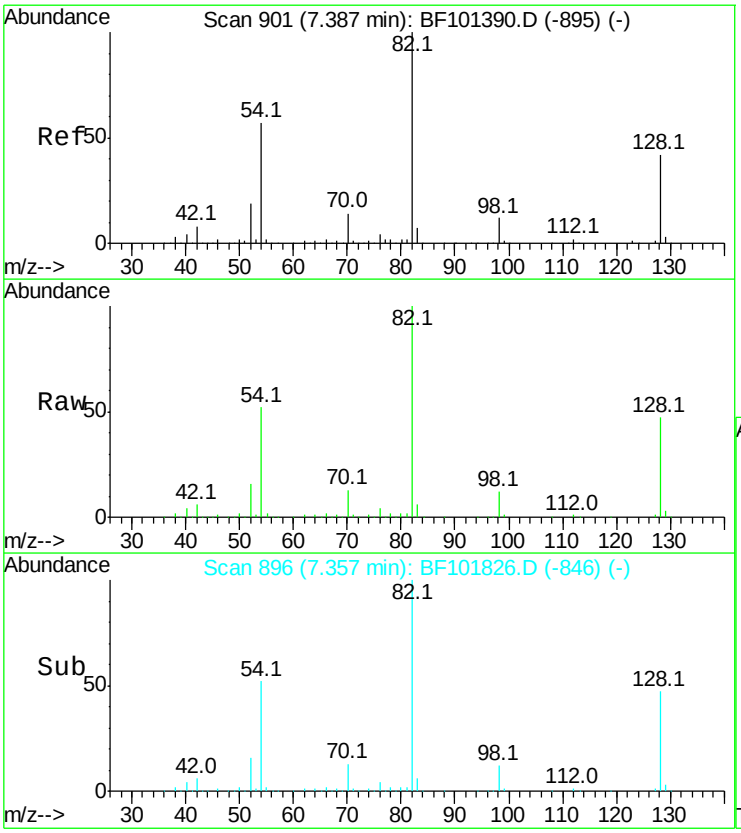
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:136 Resp: 649898

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.5	6.6	9.8
68	7.2	5.0	7.4

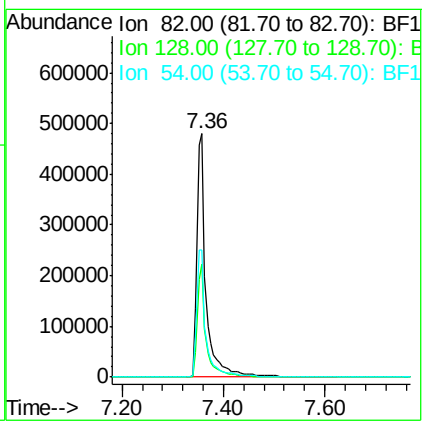


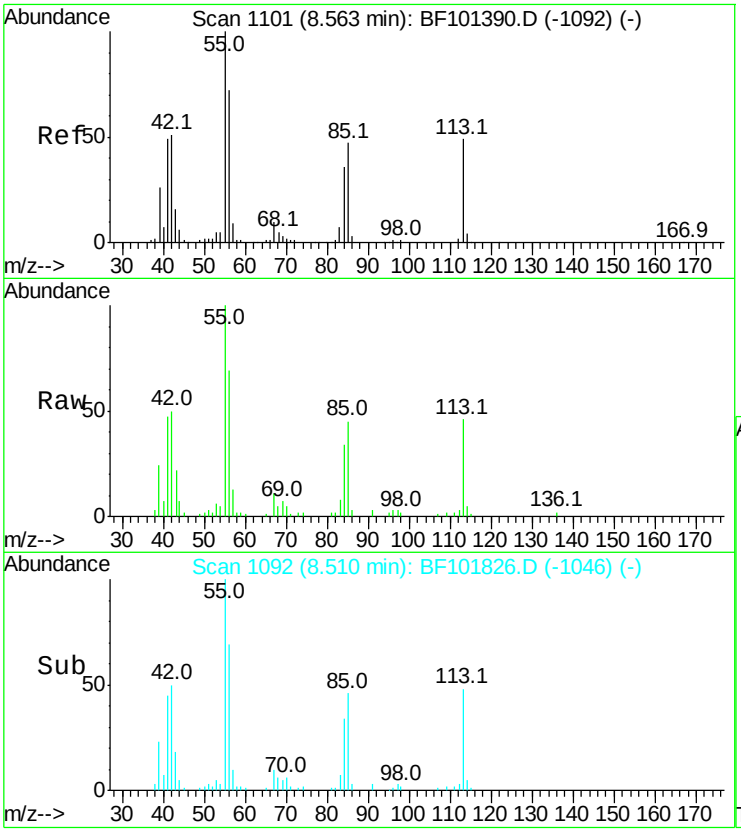


#23
Nitrobenzene-d5
Concen: 51.748 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Tgt Ion: 82 Resp: 604152

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	52.1	41.4	62.2



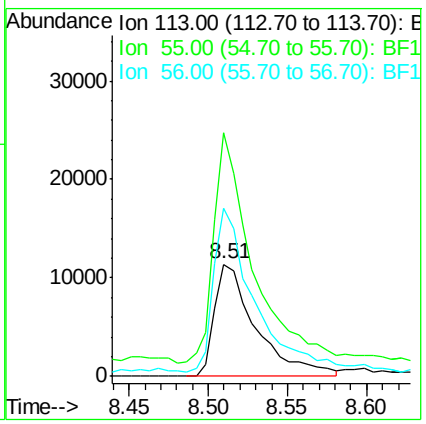


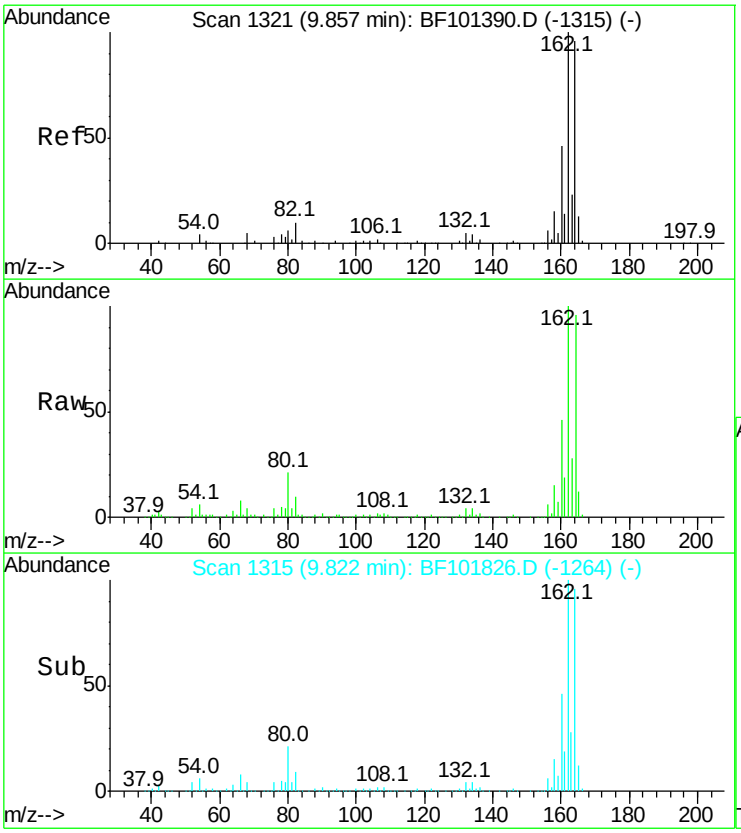
#35
Caprolactam
Concen: 6.417 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.03 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:113 Resp: 20761

Ion	Ratio	Lower	Upper
113	100		
55	216.6	163.3	203.3#
56	150.0	115.7	155.7

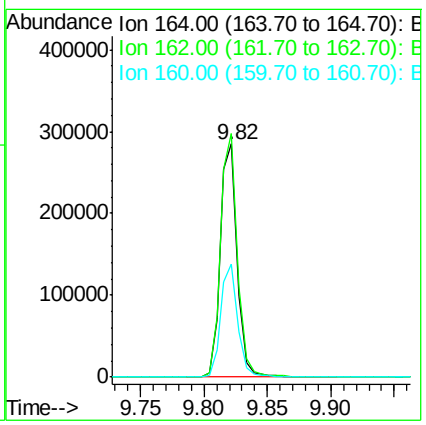


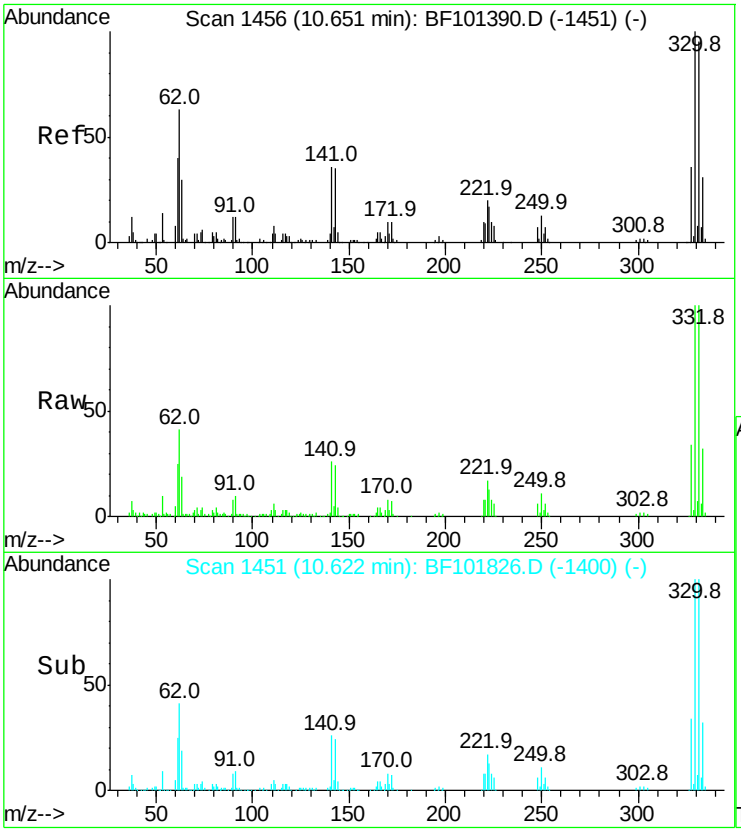


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Tgt Ion:164 Resp: 265111

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	48.3	38.3	57.5



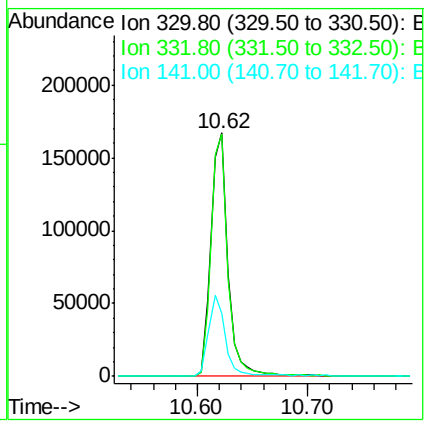


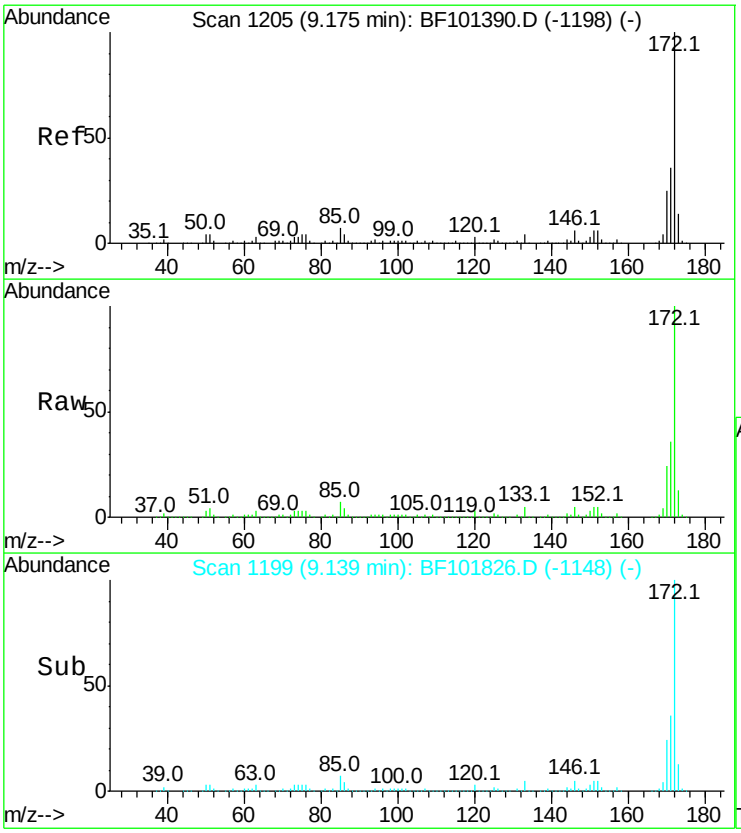
#41
2,4,6-Tribromophenol
Concen: 68.940 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:330 Resp: 176111

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	33.6	29.9	44.9

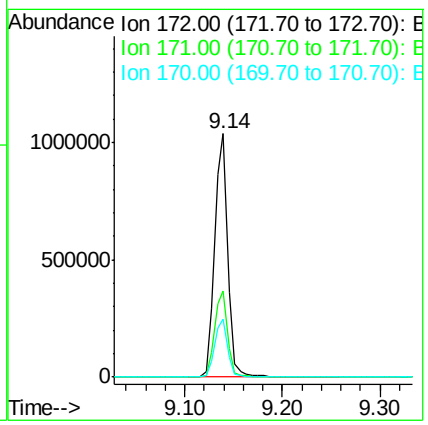


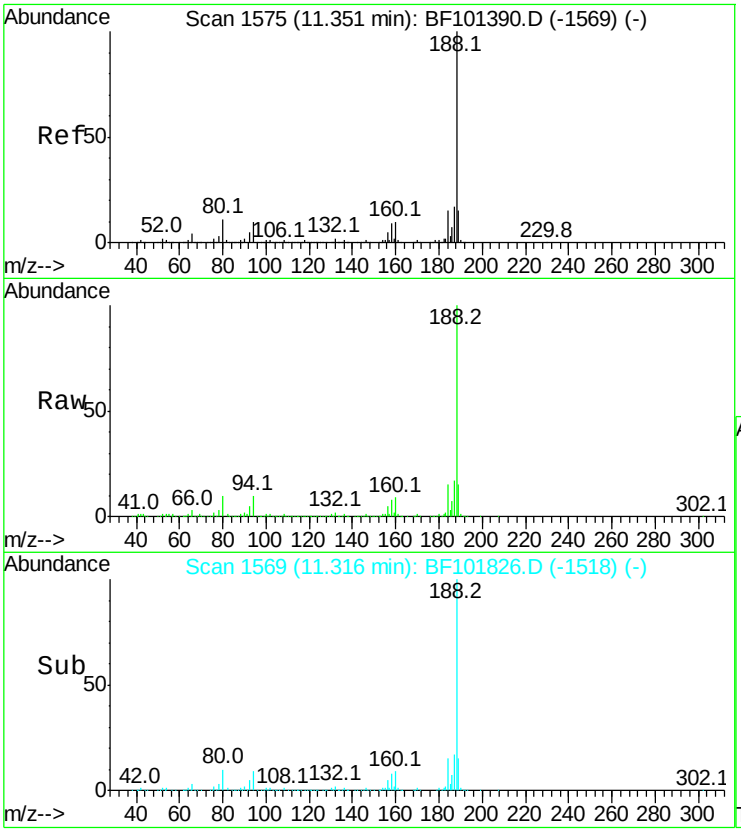


#44
2-Fluorobiphenyl
Concen: 56.227 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Tgt Ion:172 Resp: 960941

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.1	19.6	29.4



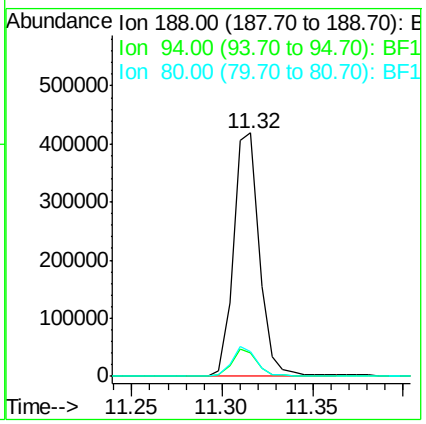


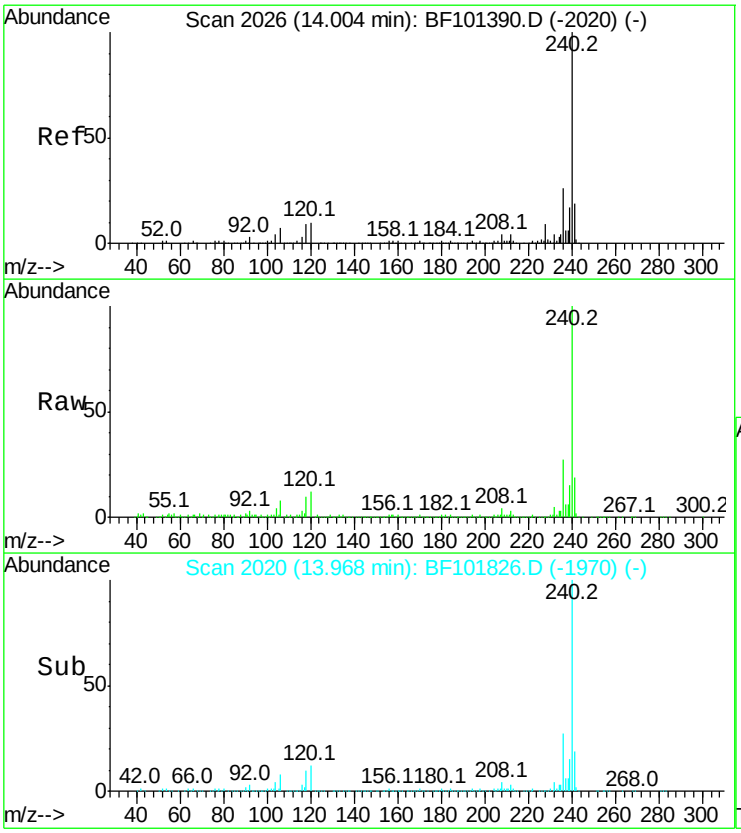
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:188 Resp: 416297

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8

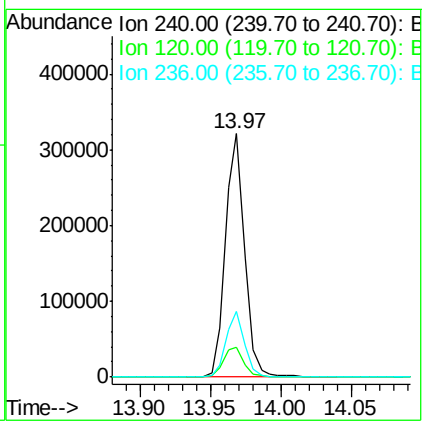


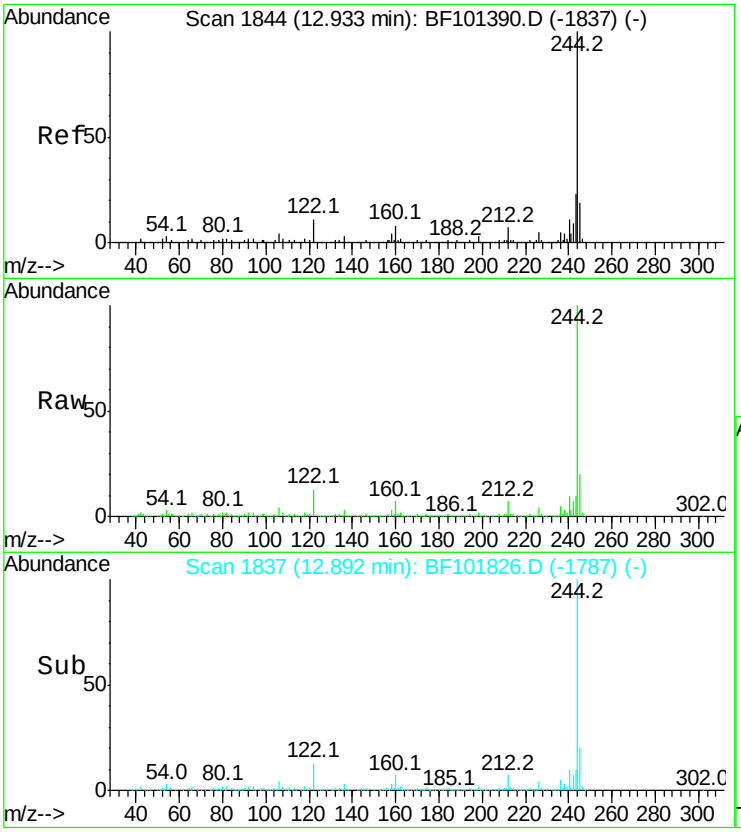


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Tgt Ion:240 Resp: 301255

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	27.0	20.7	31.1



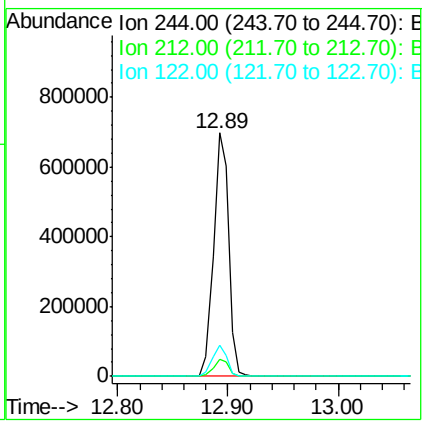


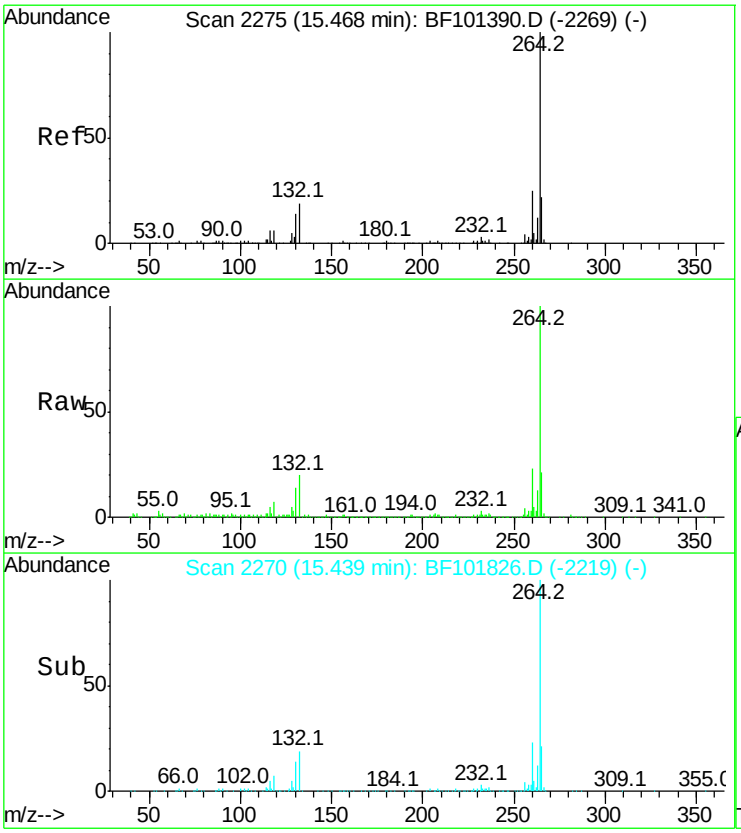
#78
Terphenyl-d14
Concen: 52.359 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:244 Resp: 654291

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Tgt Ion:264 Resp: 315152

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	17.5	26.3