Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100237.D
Acq On : 5 Nov 2017 21:13
Operator : SJ/JU
Sample : I6285-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P002-S003-0001-01

Quant Time: Nov 06 07:26:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	101905	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	392222	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	154730	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	221903	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	206151	20.00	ng	-0.01
86) Perylene-d12	15.40	264	169280	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	691274	106.50	ng	0.00
7) Phenol-d6	6.42	99	830972	107.97	ng	0.00
23) Nitrobenzene-d5	7.33	82	439431	72.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	124455	88.26	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	697785	69.58	ng	-0.01
78) Terphenyl-d14	12.86	244	458304	48.58	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.44	94	32329	3.826	ng	# 53
49) Dimethylphthalate	9.52	163	54676	4.462	ng	# 98

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

Quantitation Report (LSC Reviewed)

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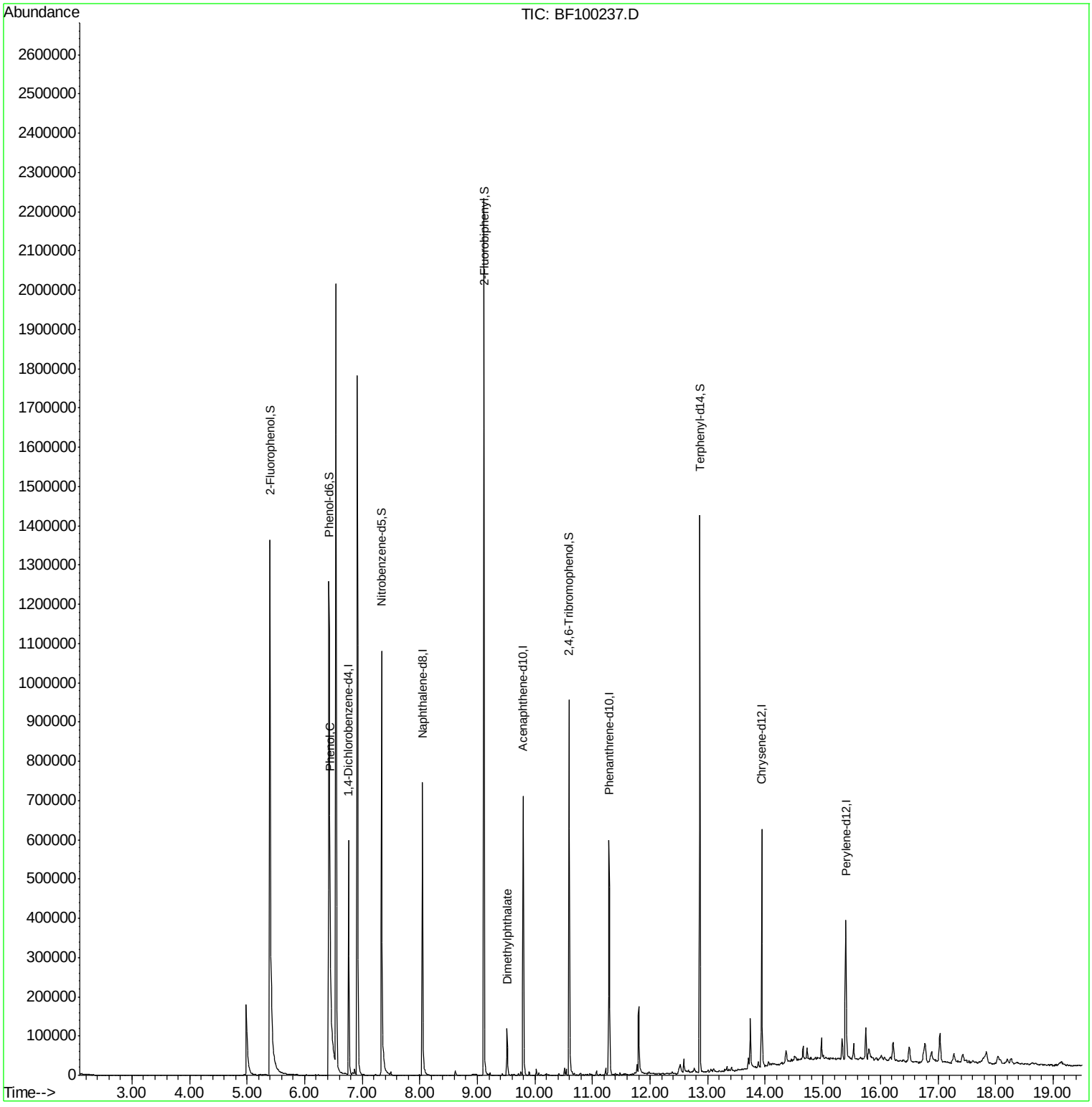
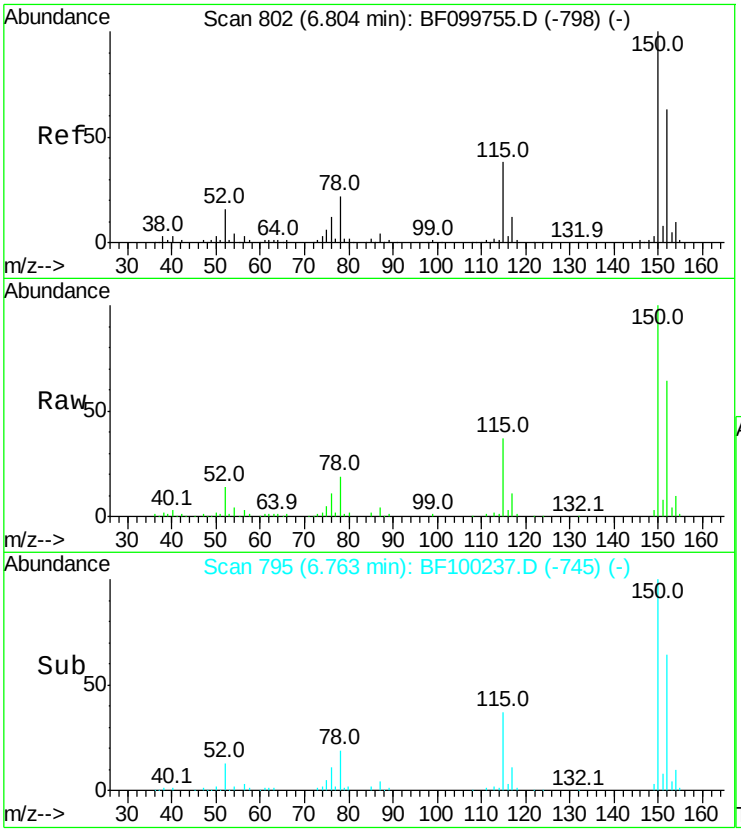


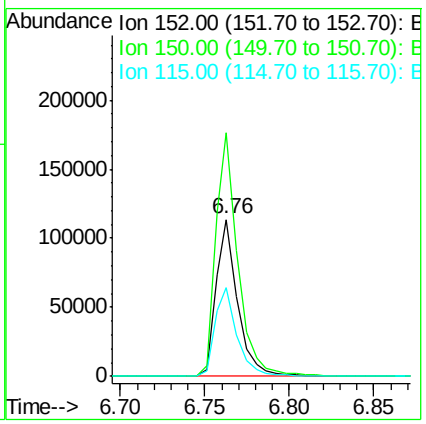


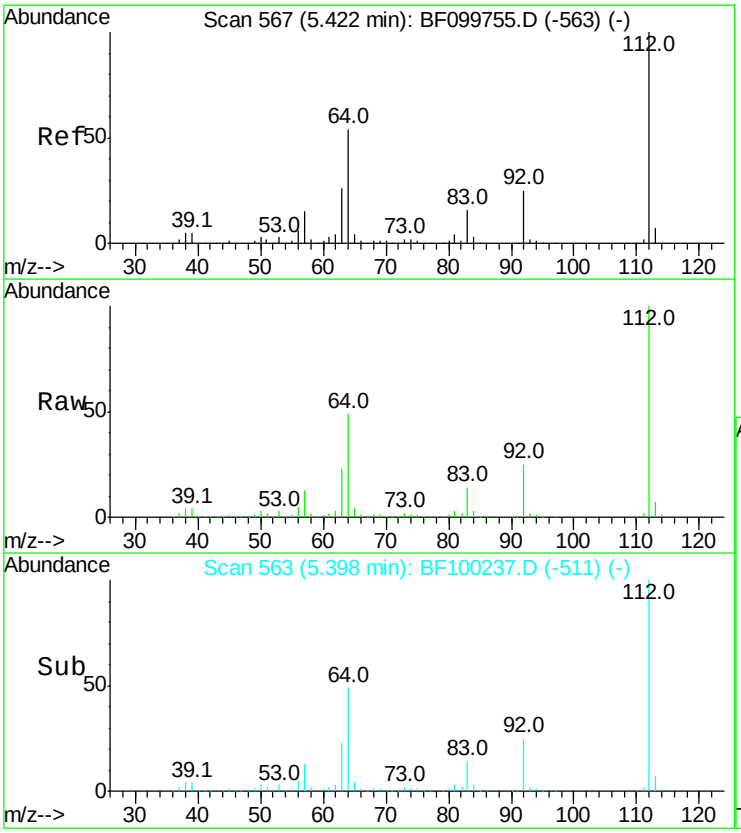
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
P002-S003-0001-01

Tgt Ion:152 Resp: 101905

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	56.8	50.1	75.1

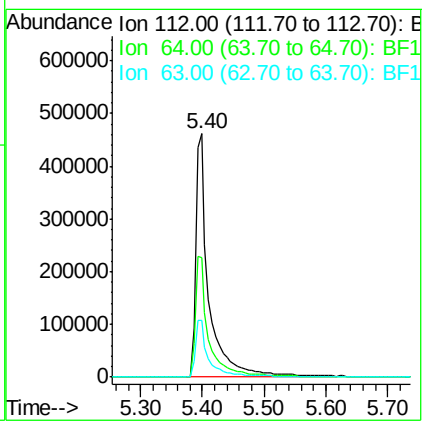


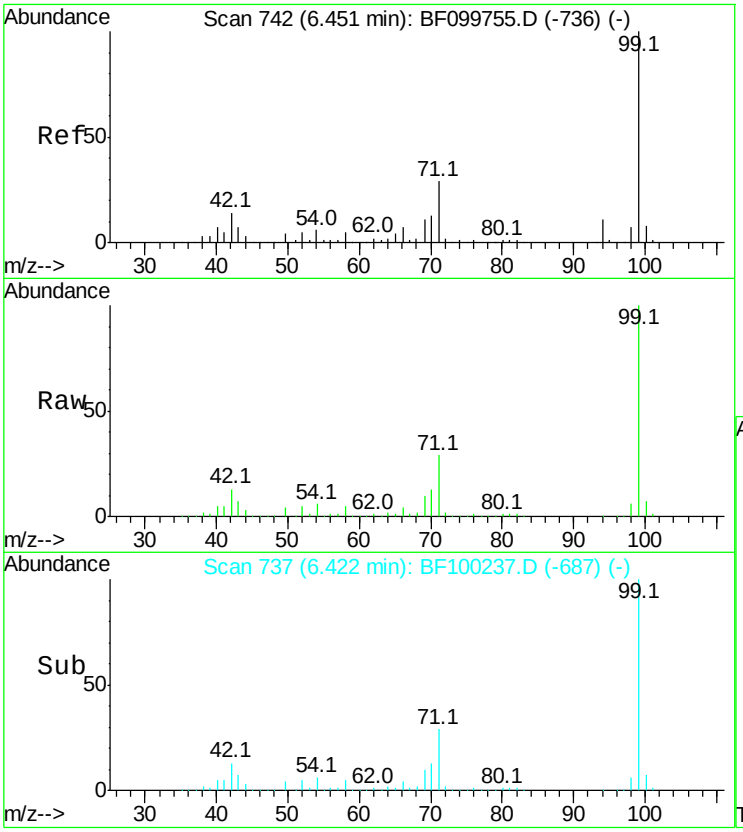


#5
2-Fluorophenol
Concen: 106.499 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Tgt Ion:112 Resp: 691274

Ion	Ratio	Lower	Upper
112	100		
64	49.2	47.9	71.9
63	23.3	23.7	35.5#



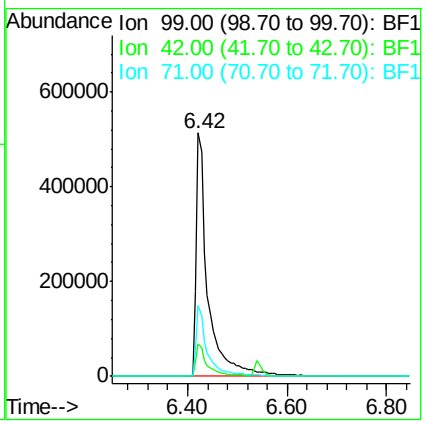


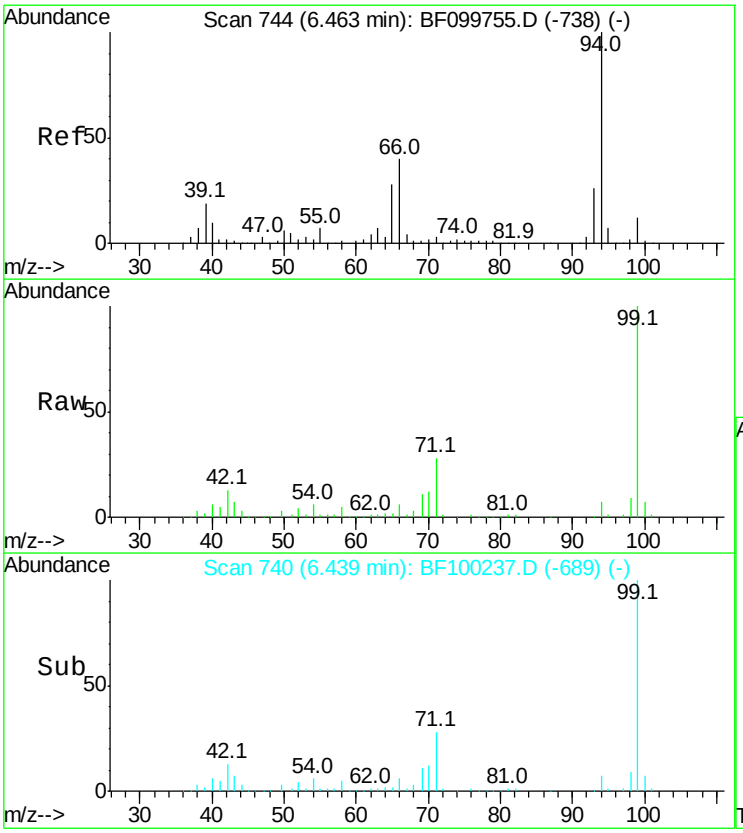
#7
Phenol-d6
Concen: 107.969 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
P002-S003-0001-01

Tgt Ion: 99 Resp: 830972

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.5	21.7#
71	29.2	25.4	38.0

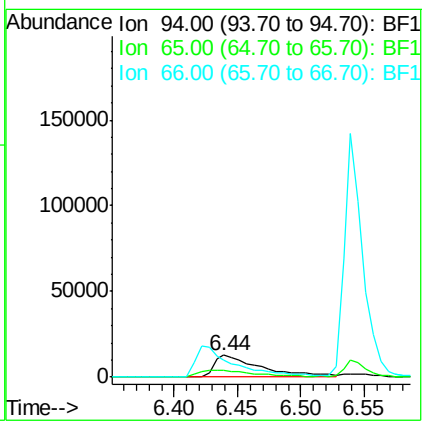


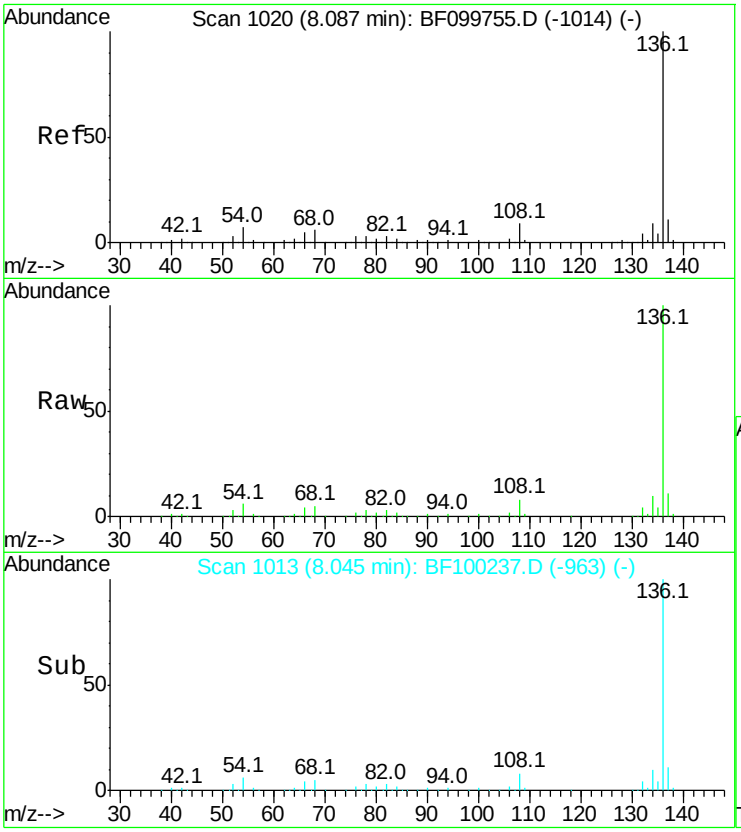


#10
Phenol
Concen: 3.826 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Tgt Ion: 94 Resp: 32329

Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	80.7	16.2	56.2#



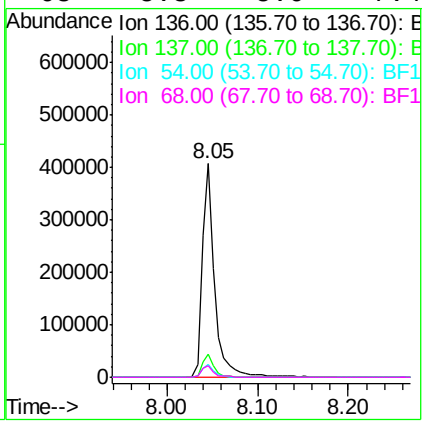


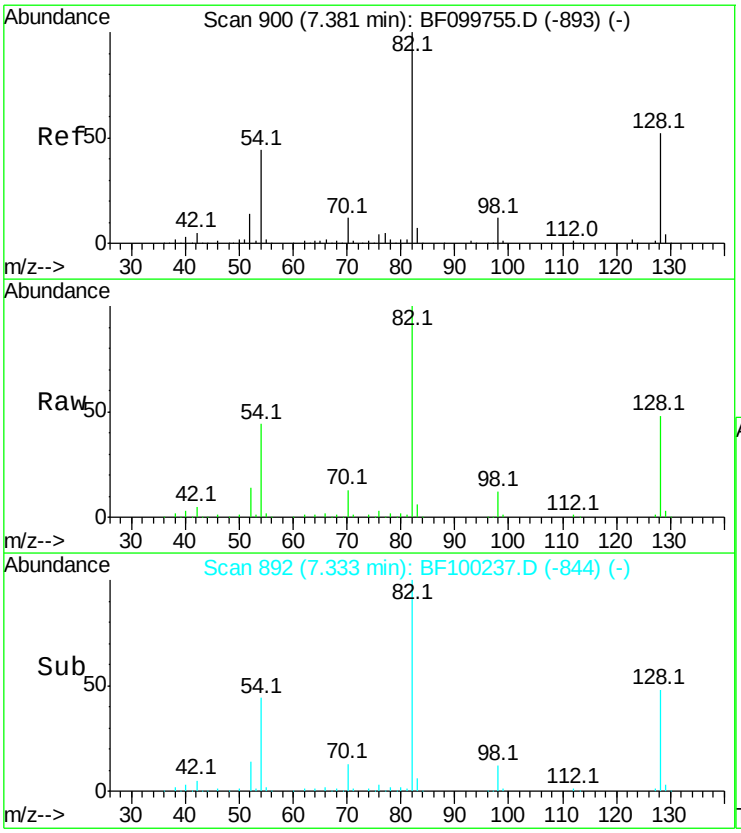
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
P002-S003-0001-01

Tgt Ion:136 Resp: 392222

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.3	5.0	7.4

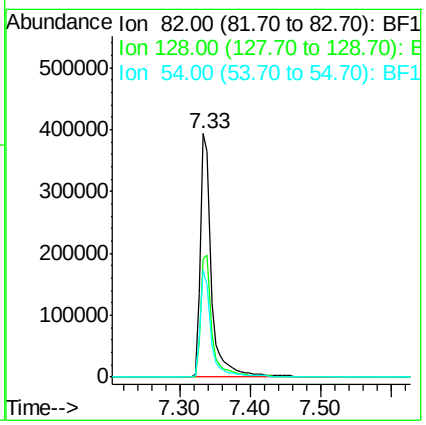


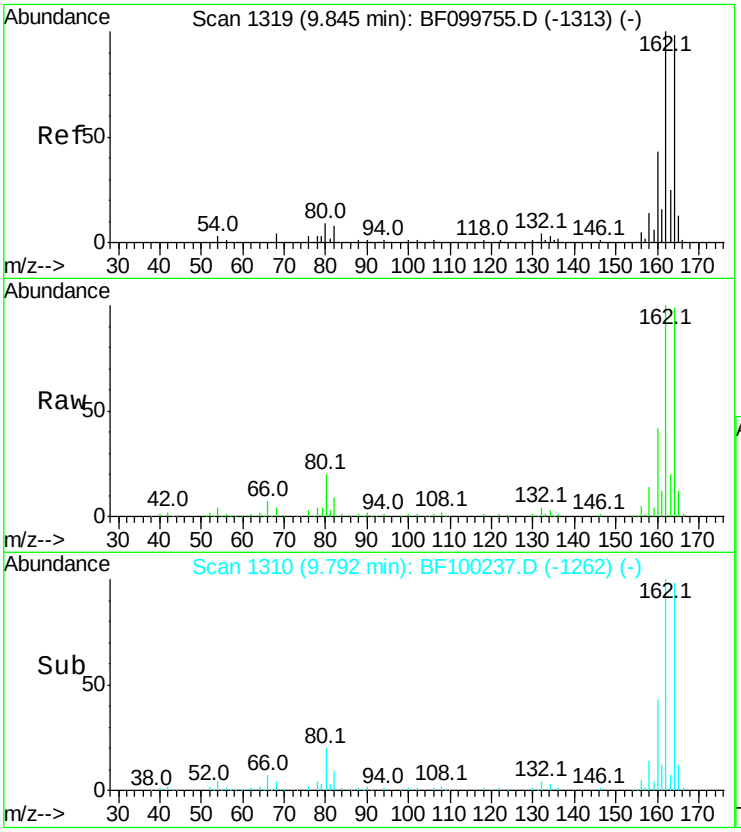


#23
Nitrobenzene-d5
Concen: 72.130 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Tgt Ion: 82 Resp: 439431

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	43.7	41.4	62.2



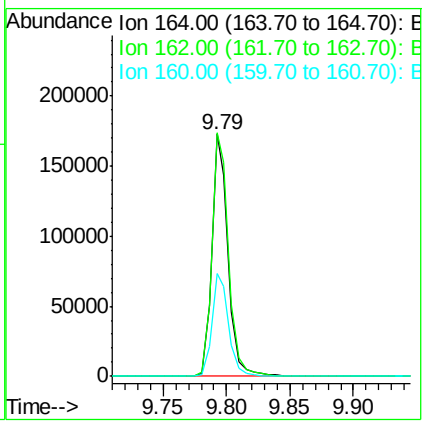


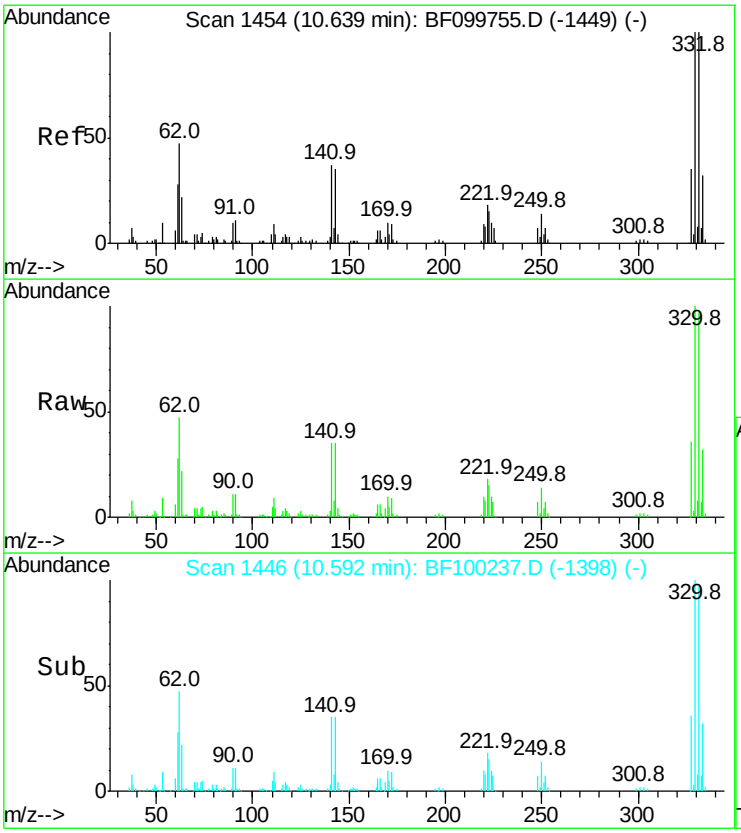
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
P002-S003-0001-01

Tgt Ion:164 Resp: 154730

Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	42.7	38.3	57.5

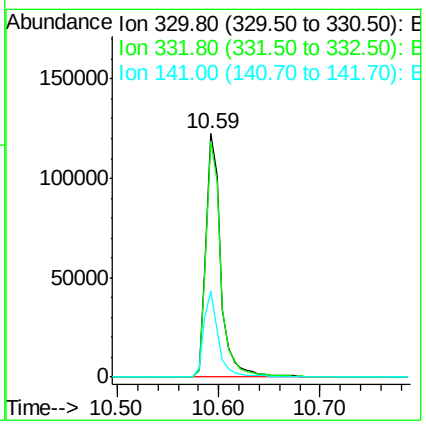


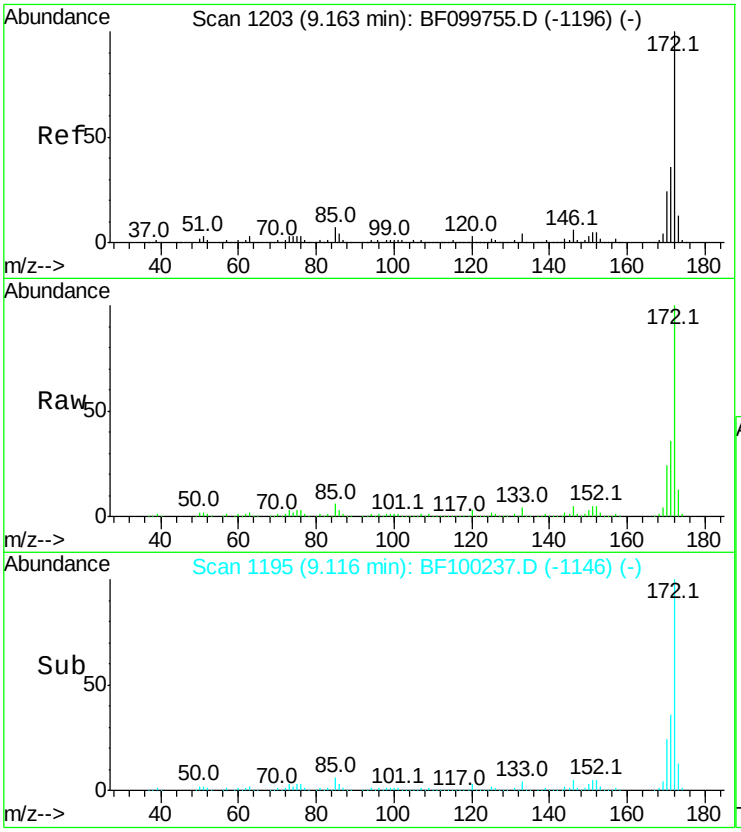


#41
2,4,6-Tribromophenol
Concen: 88.261 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Tgt Ion:330 Resp: 124455

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	34.4	29.9	44.9



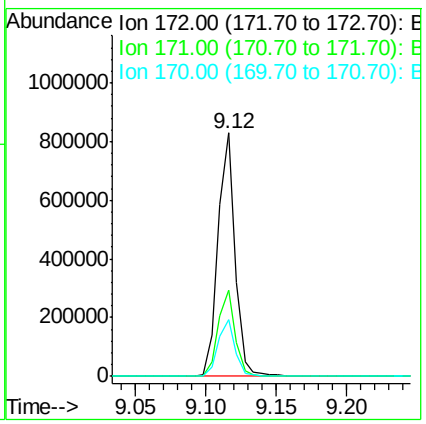


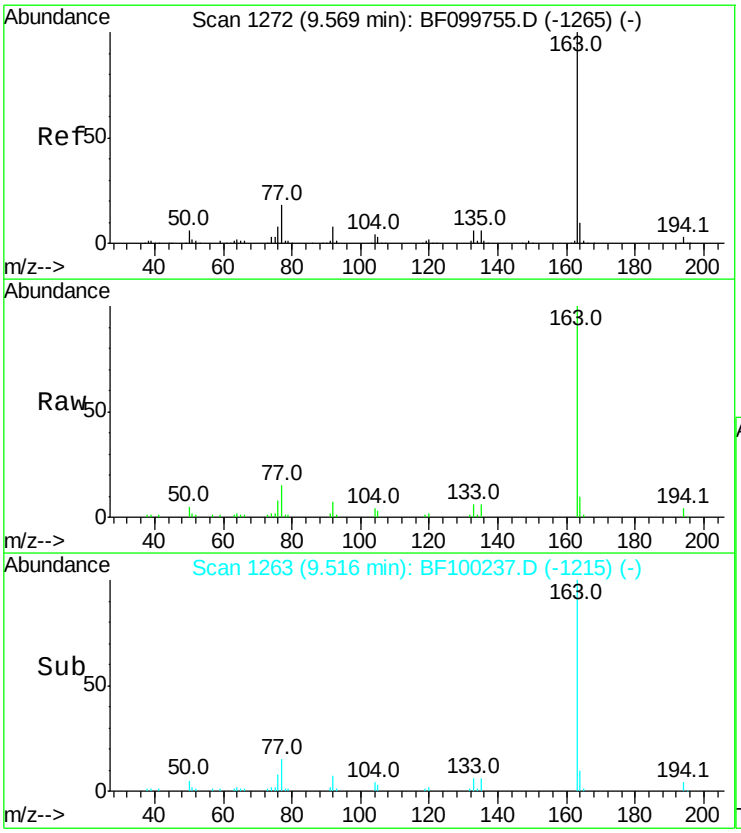
#44
2-Fluorobiphenyl
Concen: 69.577 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
P002-S003-0001-01

Tgt Ion:172 Resp: 697785

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4

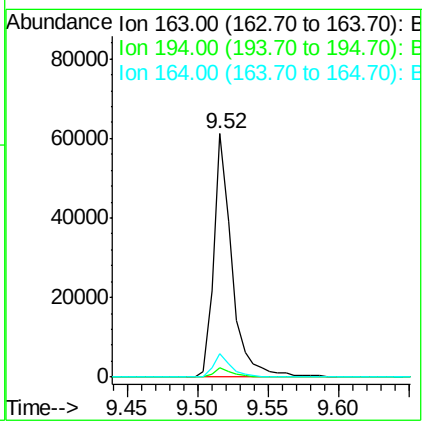


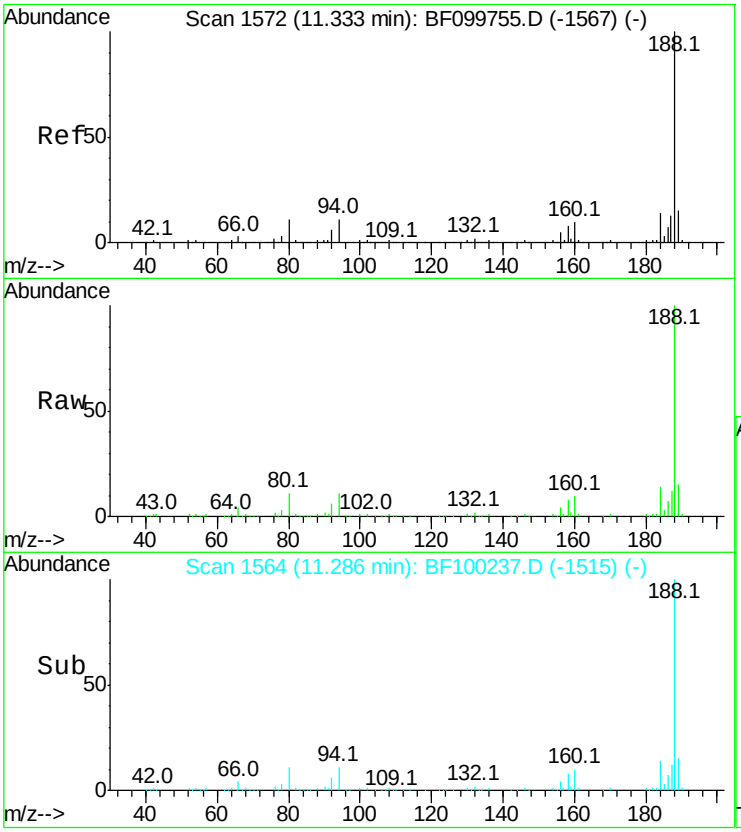


#49
Dimethylphthalate
Concen: 4.462 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Tgt Ion:163 Resp: 54676

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.6	8.2	12.2



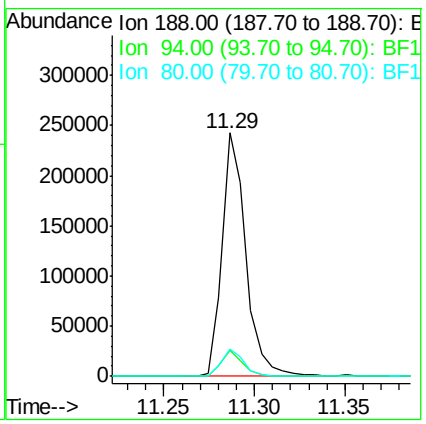


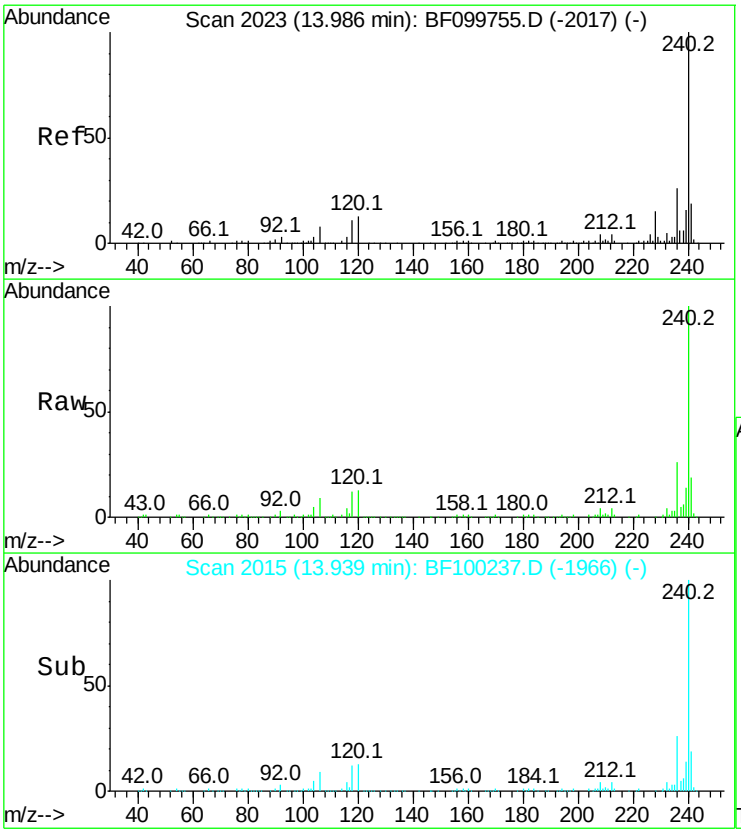
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
P002-S003-0001-01

Tgt Ion:188 Resp: 221903

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.1	9.2	13.8

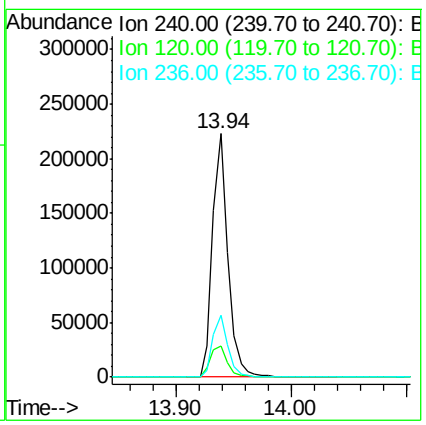


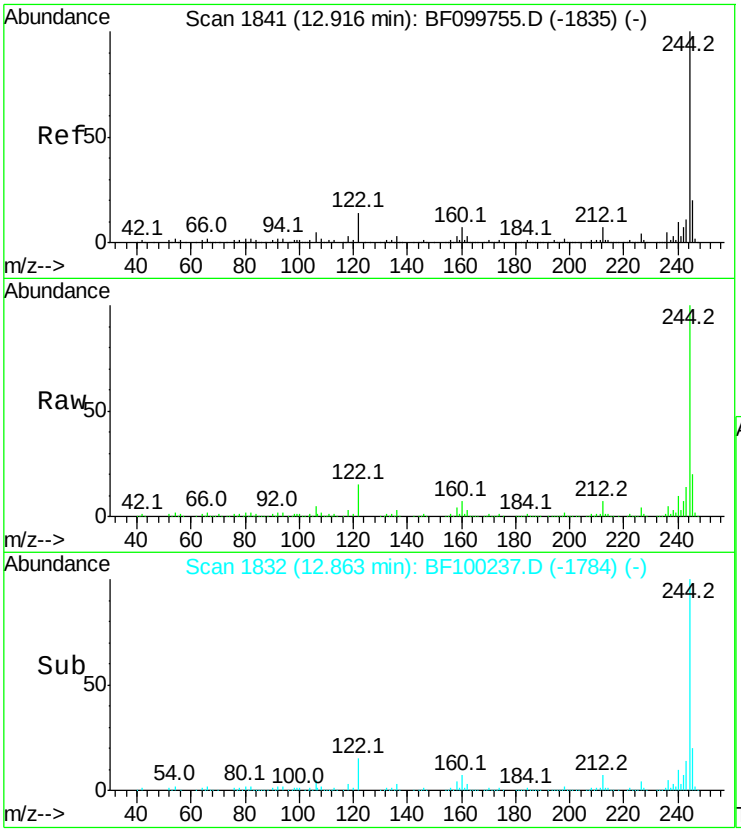


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Tgt Ion:240 Resp: 206151

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.6	20.7	31.1



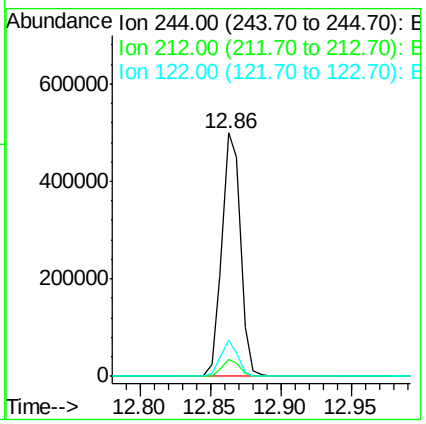


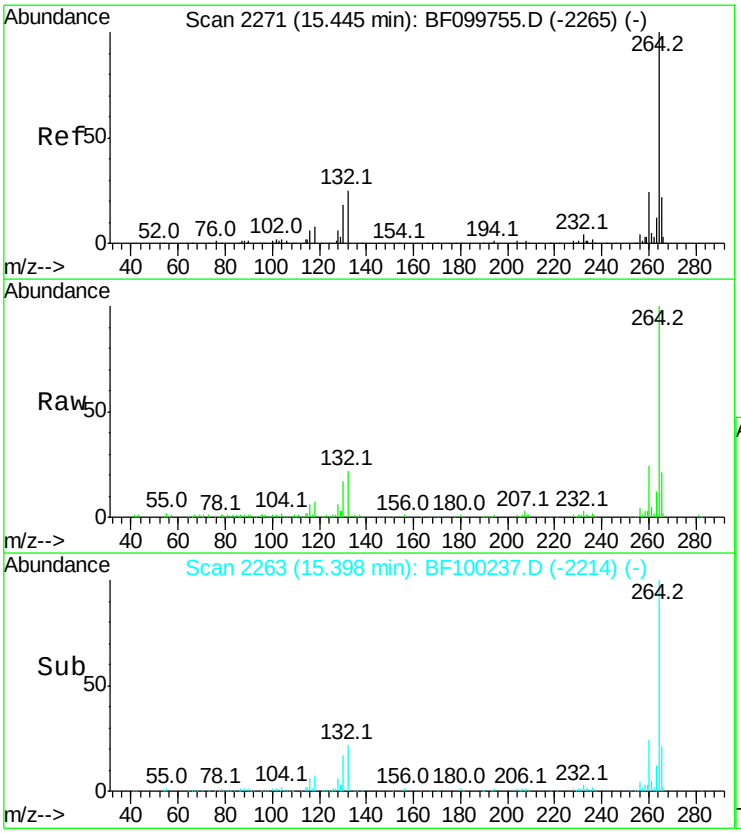
#78
Terphenyl-d14
Concen: 48.584 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
P002-S003-0001-01

Tgt Ion:244 Resp: 458304

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100237.D
Acq: 5 Nov 2017 21:13

Tgt Ion:264 Resp: 169280

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.6	17.5	26.3