Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097767.D
Acq On : 17 Aug 2017 4:59
Operator : SJ/JU
Sample : I4792-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP

Quant Time: Aug 17 08:12:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	136887	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	538333	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	224804	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	341934	20.00	ng	0.00
75) Chrysene-d12	13.93	240	259939	20.00	ng	0.00
86) Perylene-d12	15.36	264	231781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1151077	127.91	ng	0.01
7) Phenol-d6	6.42	99	1560785	127.64	ng	0.00
23) Nitrobenzene-d5	7.35	82	953368	96.21	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	238341	122.19	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1395497	91.20	ng	0.00
78) Terphenyl-d14	12.89	244	788891	63.29	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.43	94	34923	2.442	ng	88
49) Dimethylphthalate	9.53	163	284223	17.296	ng	99

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

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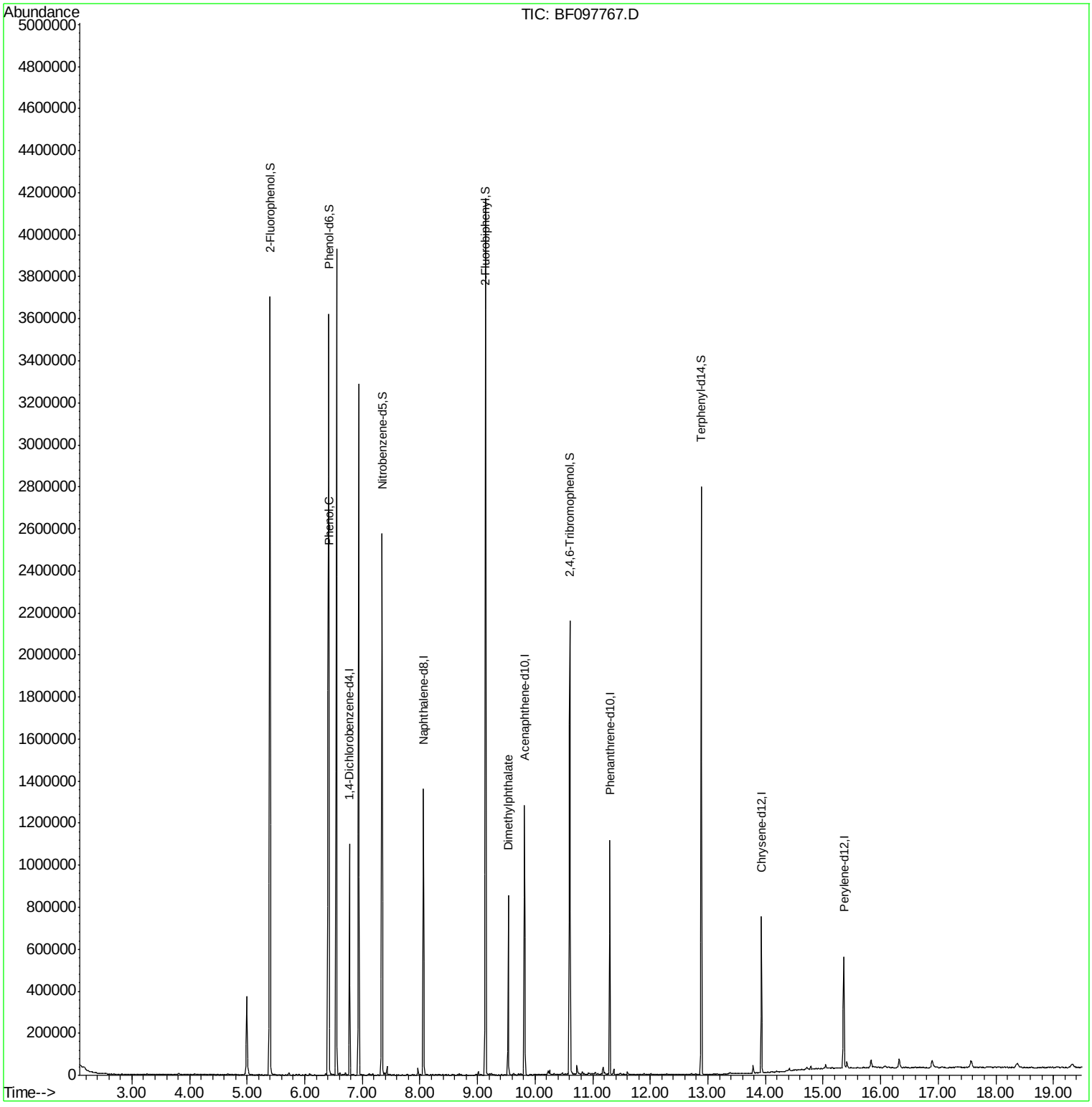
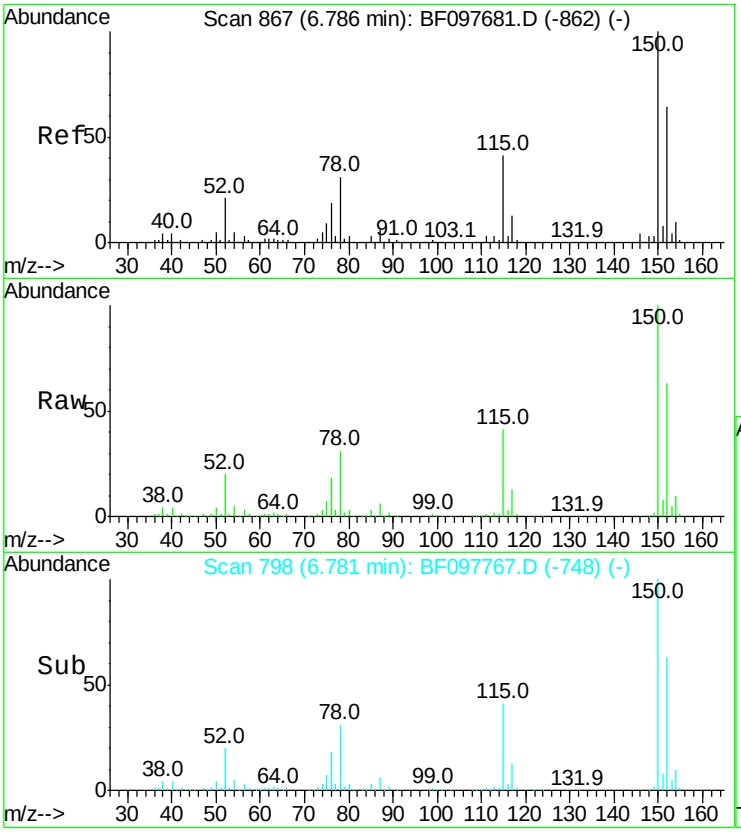


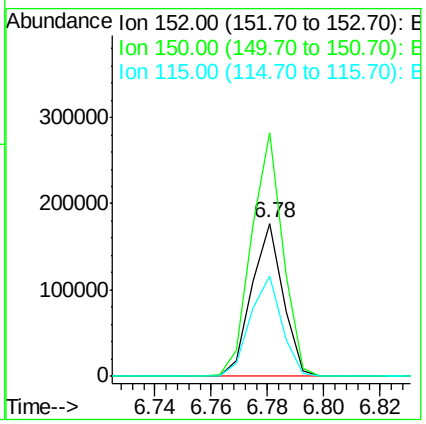


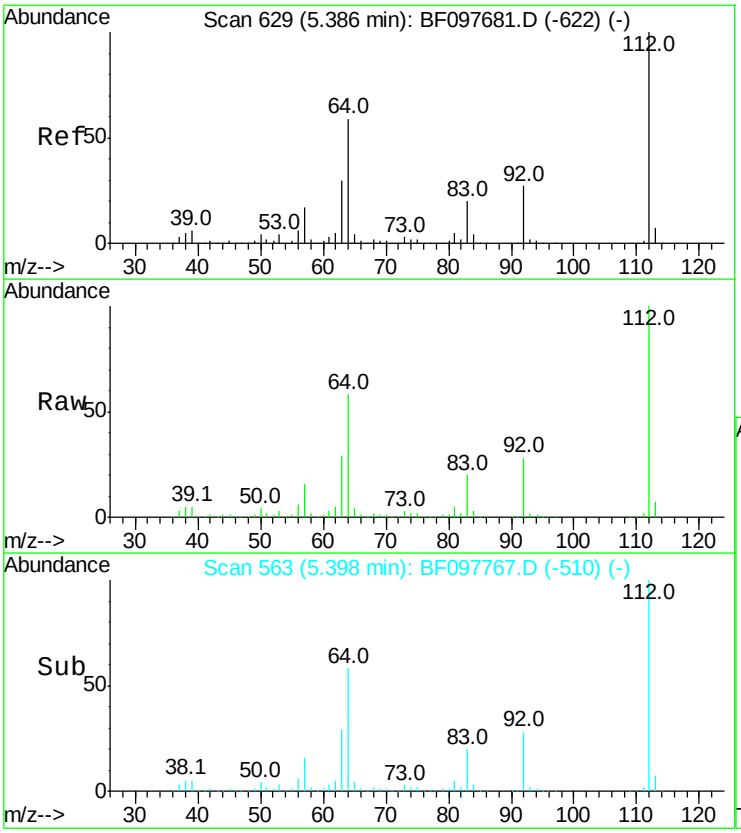
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:152 Resp: 136887

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	65.5	52.2	78.2

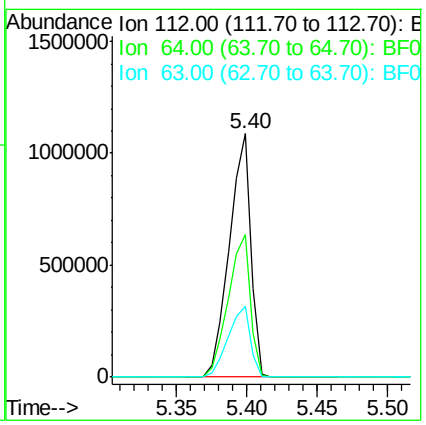


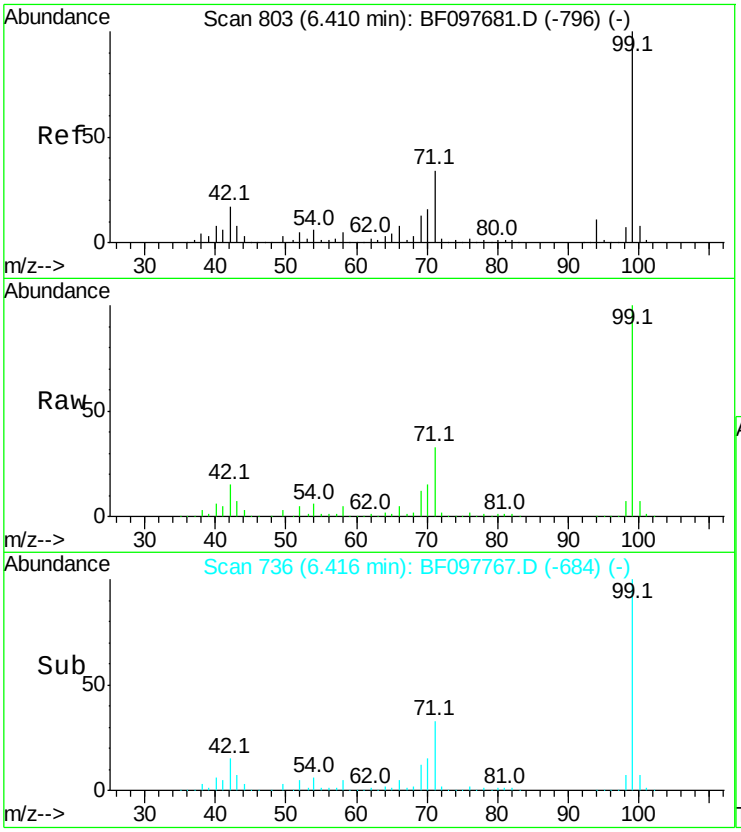


#5
2-Fluorophenol
Concen: 127.906 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Tgt Ion:112 Resp: 1151077

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.0	69.0
63	29.3	23.4	35.0



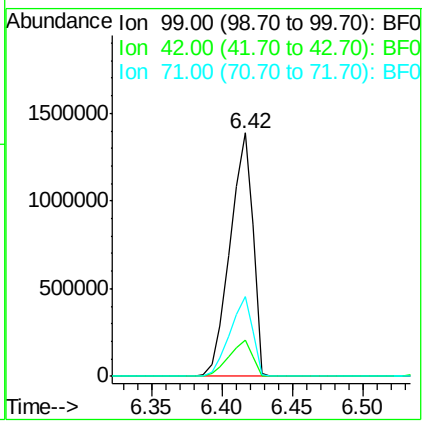


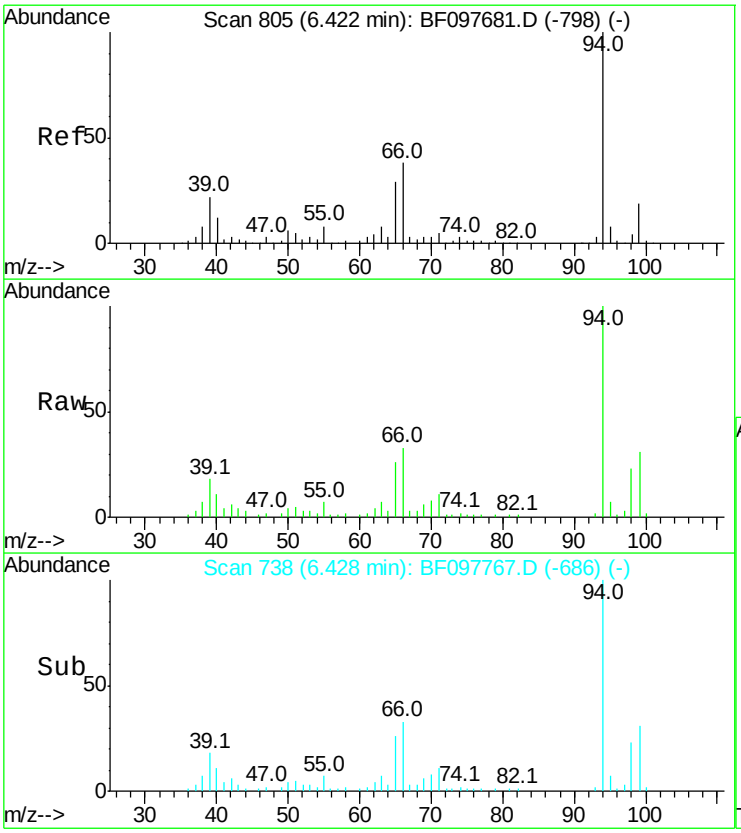
#7
Phenol-d6
Concen: 127.645 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion: 99 Resp: 1560785

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.5	20.3
71	32.5	24.5	36.7

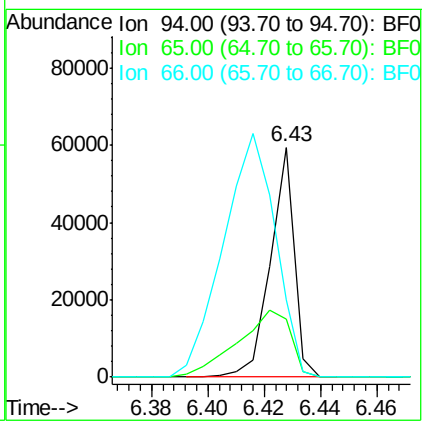


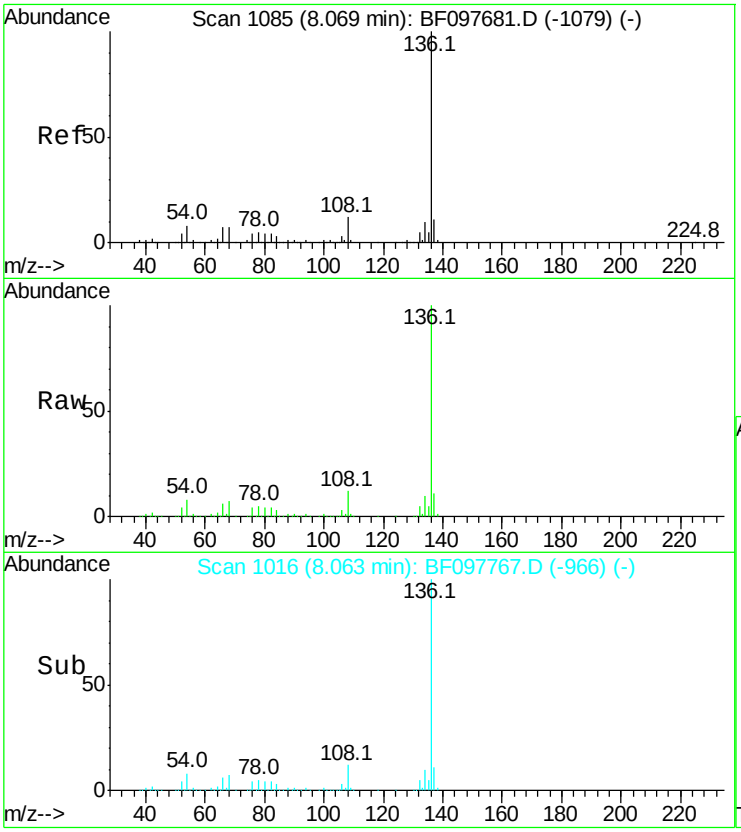


#10
Phenol
Concen: 2.442 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Tgt Ion: 94 Resp: 34923

Ion	Ratio	Lower	Upper
94	100		
65	25.6	9.9	49.9
66	33.4	23.1	63.1



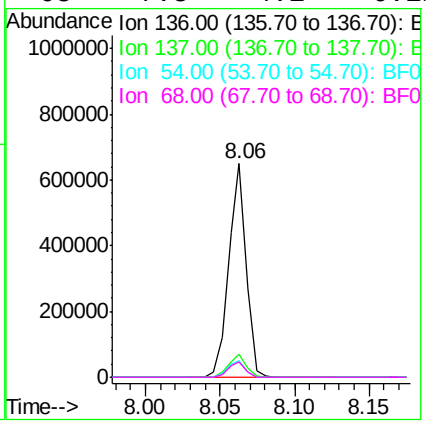


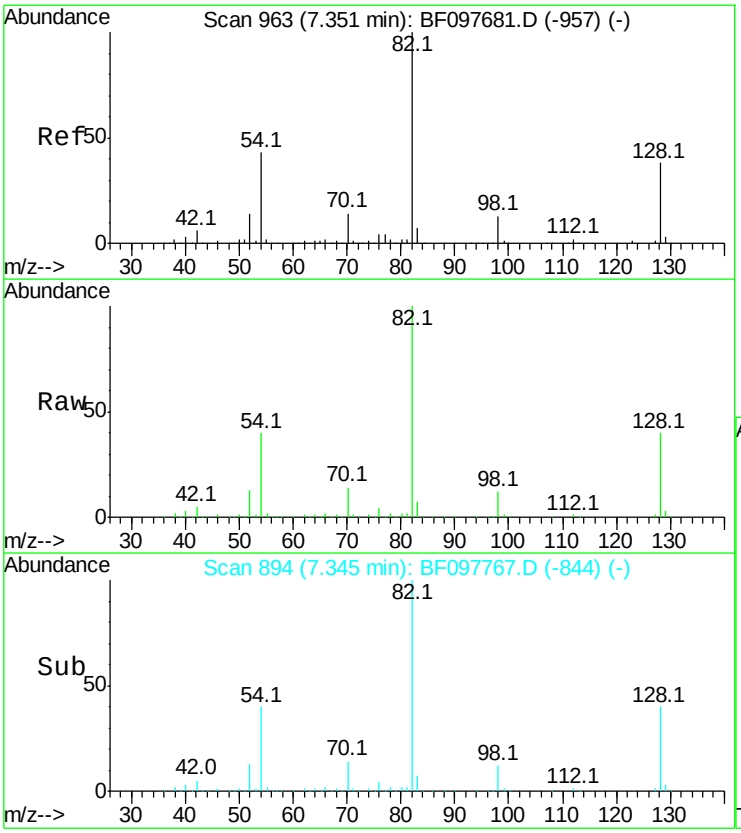
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:136 Resp: 538333

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.8	4.9	7.3#
68	7.3	4.1	6.1#

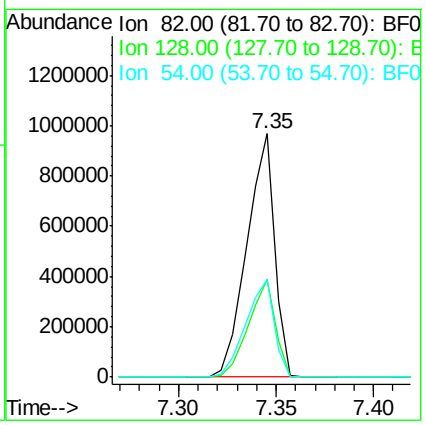


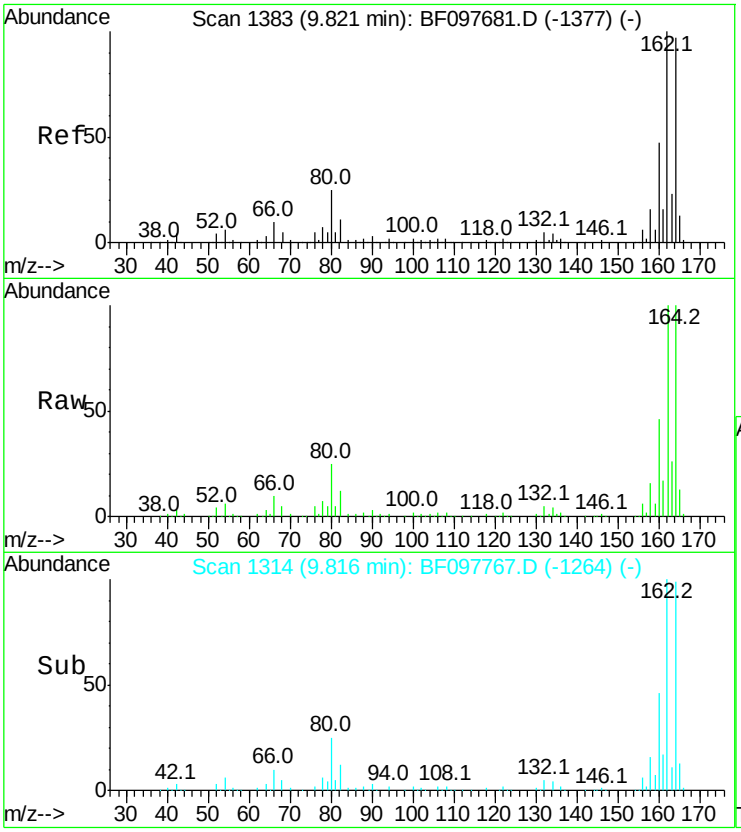


#23
Nitrobenzene-d5
Concen: 96.207 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Tgt Ion: 82 Resp: 953368

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.0	51.0
54	40.2	42.2	63.2#



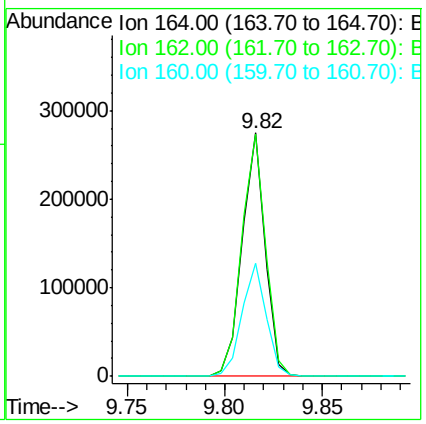


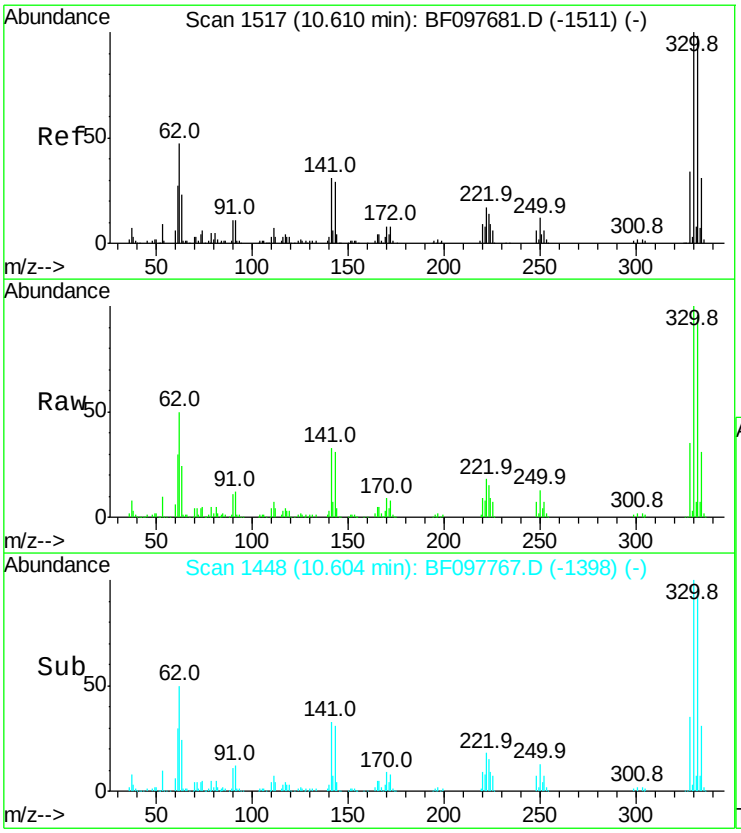
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:164 Resp: 224804

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.6	123.8
160	46.3	36.2	54.2

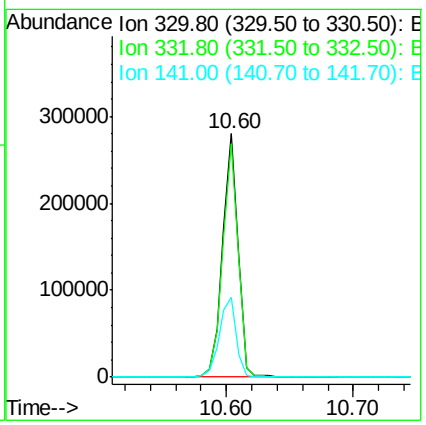


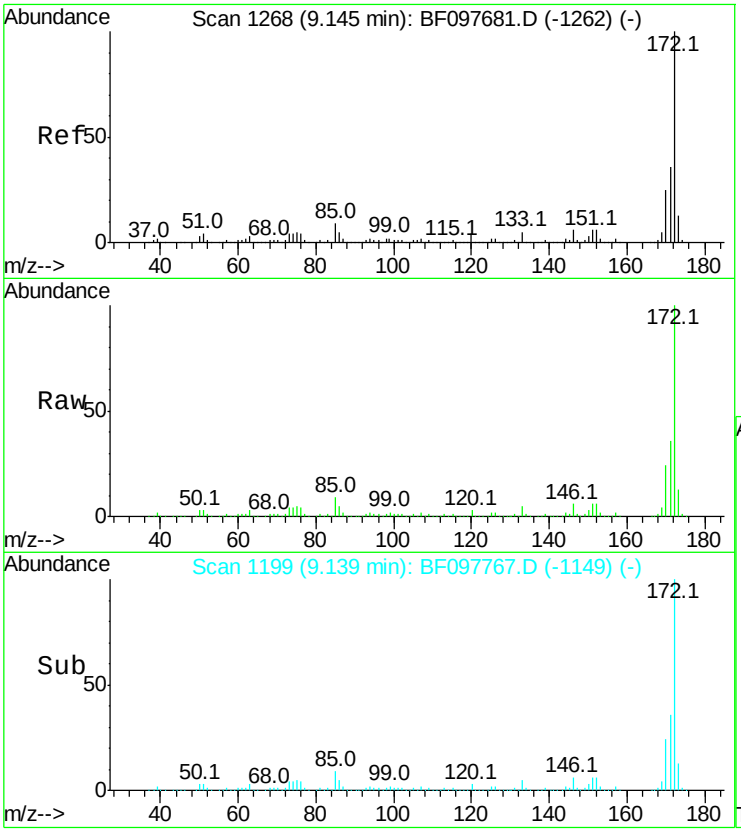


#41
2,4,6-Tribromophenol
Concen: 122.192 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Tgt Ion:330 Resp: 238341

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	36.1	31.4	47.2



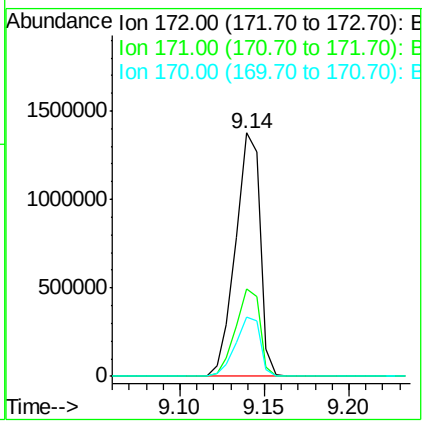


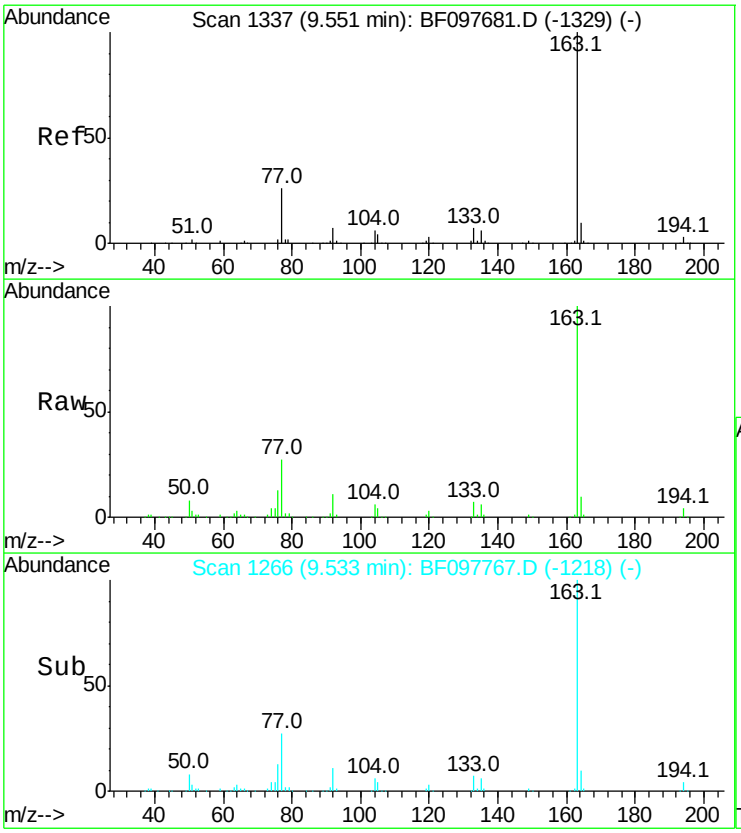
#44
2-Fluorobiphenyl
Concen: 91.203 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:172 Resp: 1395497

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.4	19.8	29.8

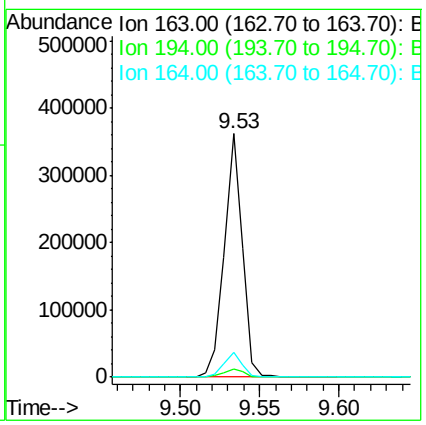


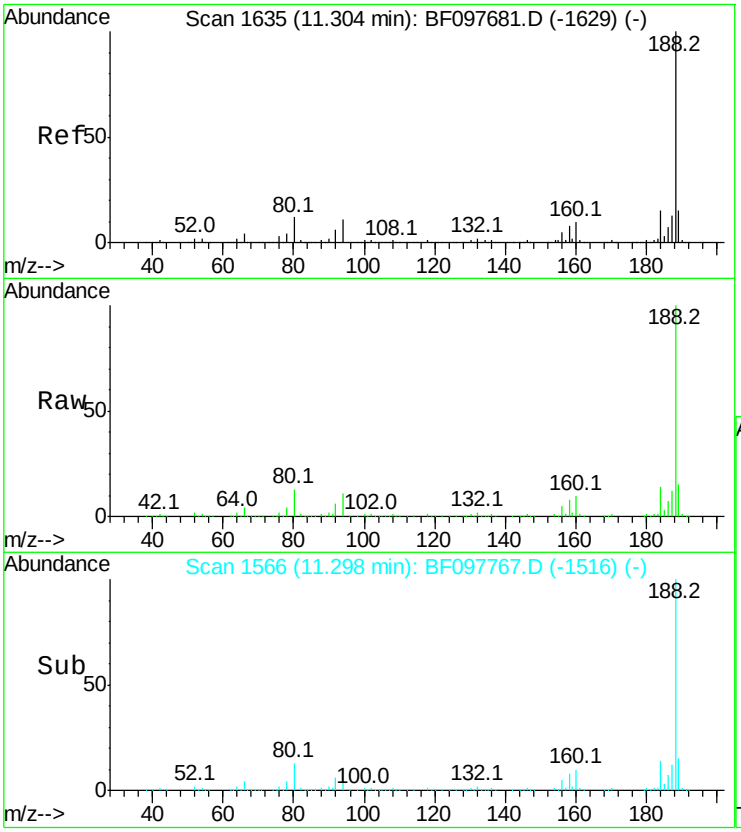


#49
Dimethylphthalate
Concen: 17.296 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Tgt Ion:163 Resp: 284223

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.4	12.6



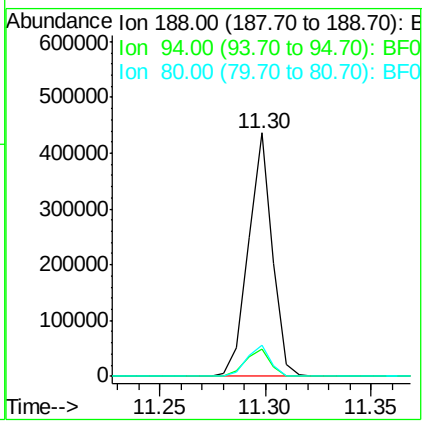


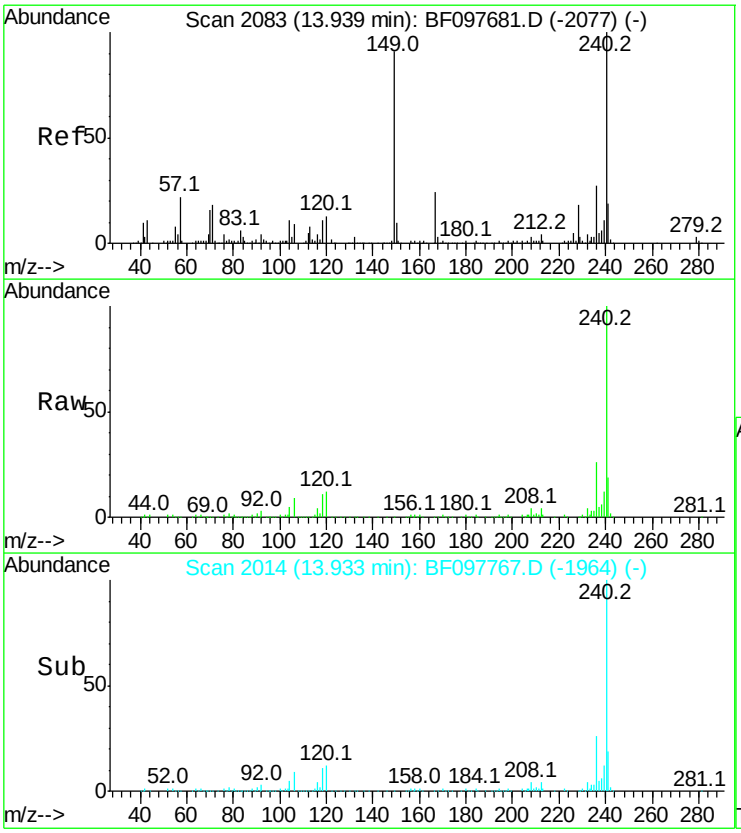
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:188 Resp: 341934

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.6	10.2	15.2

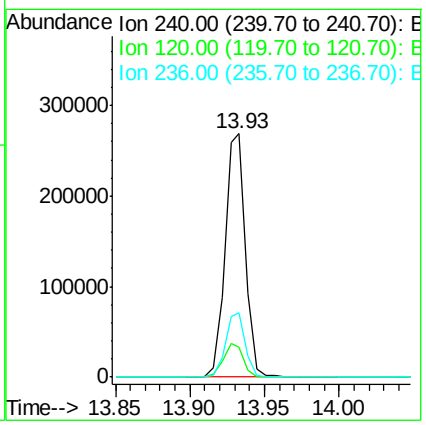


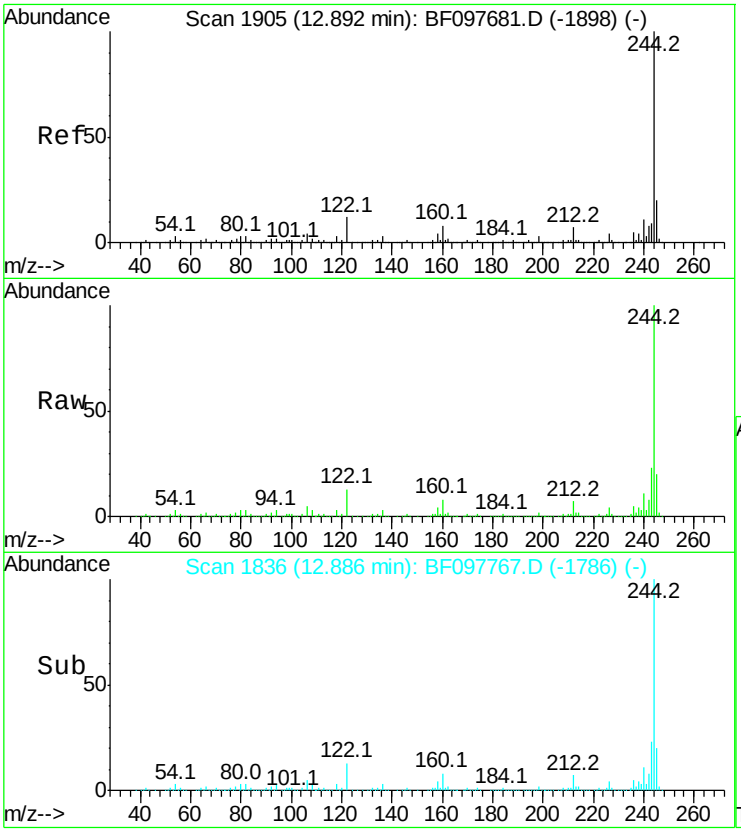


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Tgt Ion:240 Resp: 259939

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.8	8.8#
236	26.5	20.5	30.7



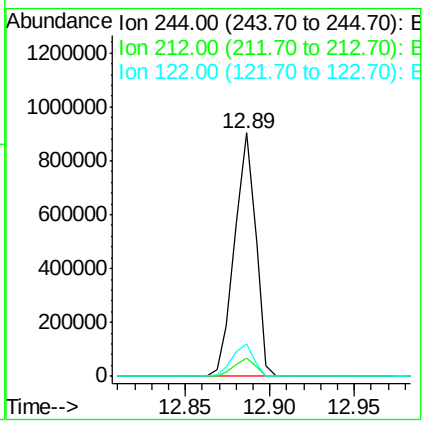


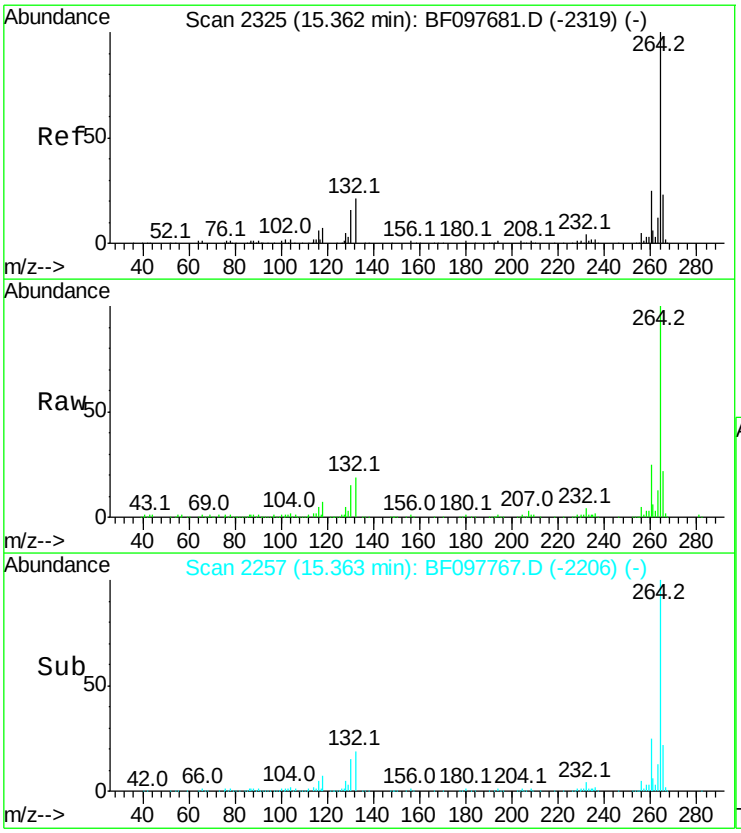
#78
Terphenyl-d14
Concen: 63.288 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:244 Resp: 788891

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.3	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Tgt Ion:264 Resp: 231781

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.8	17.2	25.8