Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097814.D
Acq On : 18 Aug 2017 5:03
Operator : SJ/JU
Sample : I4752-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW-13-GW

Quant Time: Aug 18 05:34:57 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	149304	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	548375	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	185697	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	302196	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	311436	20.00	ng	-0.01
86) Perylene-d12	15.36	264	221670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	240608	24.51	ng	0.00
7) Phenol-d6	6.40	99	392745	29.45	ng	0.00
23) Nitrobenzene-d5	7.35	82	815542	80.79	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	105743	65.63	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1062995	84.10	ng	0.00
78) Terphenyl-d14	12.89	244	793070	53.10	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.09	128	1125653	39.540	ng	99
37) 2-Methylnaphthalene	8.77	142	160960	9.222	ng	97

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

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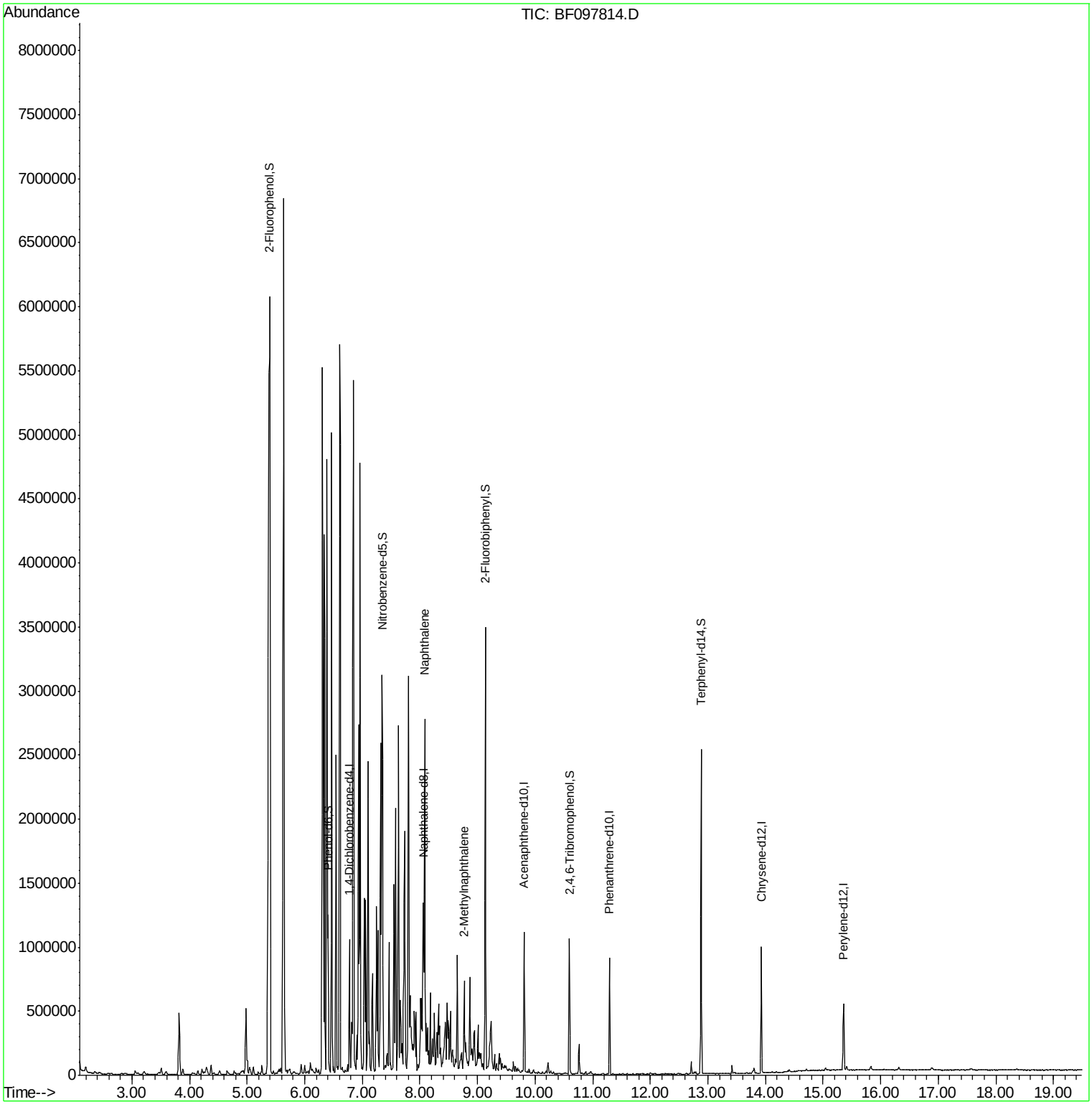
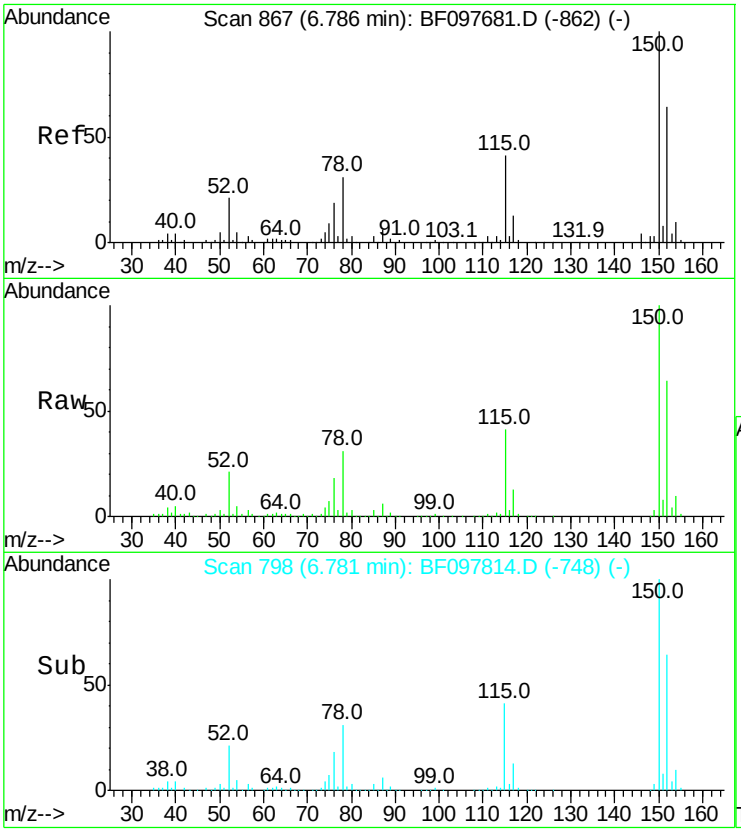


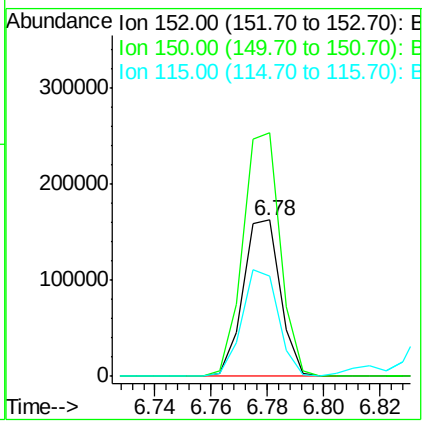


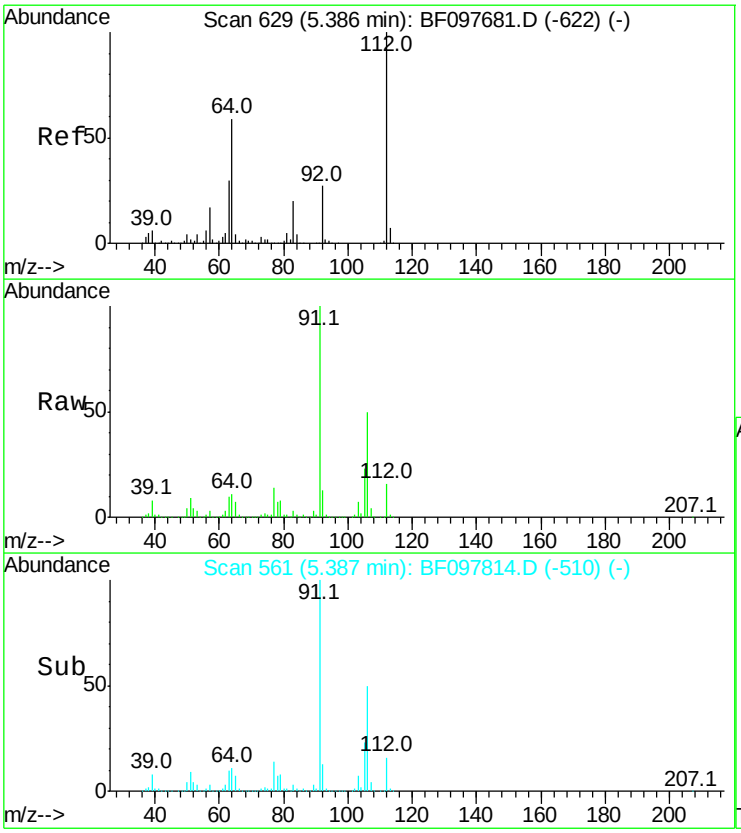
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-13-GW

Tgt Ion:152 Resp: 149304

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	63.7	52.2	78.2

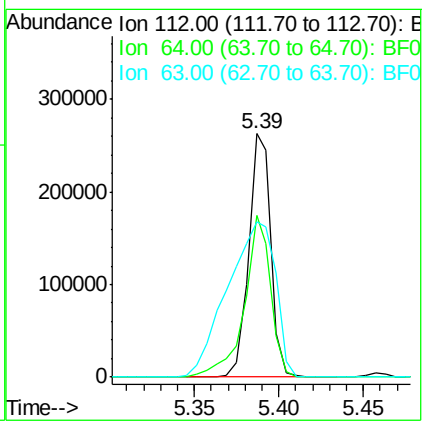


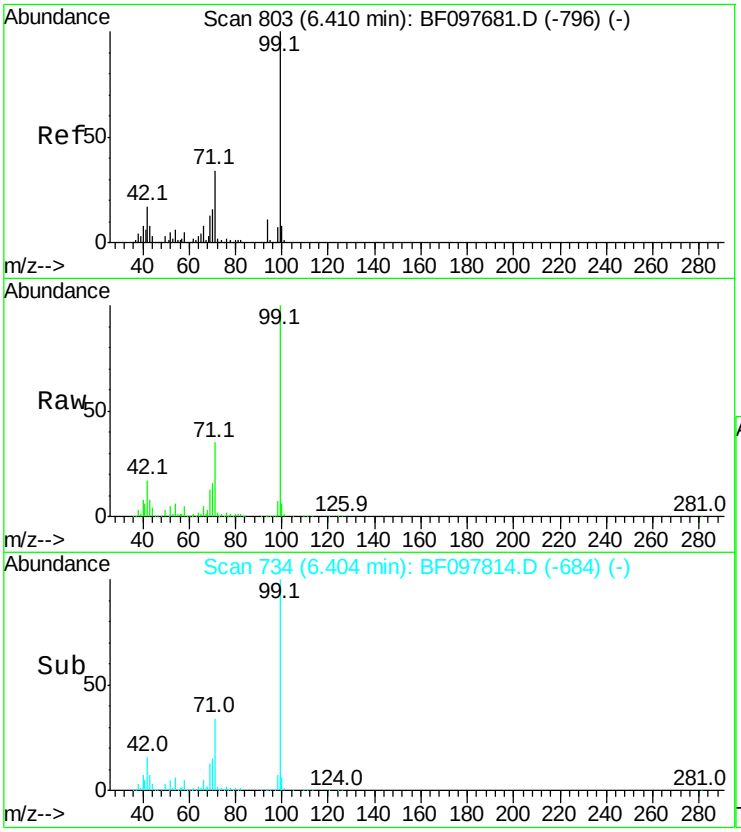


#5
2-Fluorophenol
Concen: 24.513 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Tgt Ion:112 Resp: 240608

Ion	Ratio	Lower	Upper
112	100		
64	66.7	46.0	69.0
63	63.8	23.4	35.0#



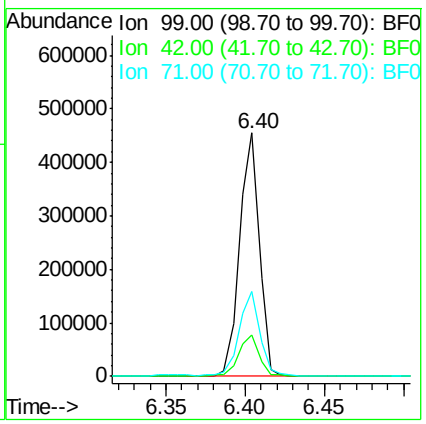


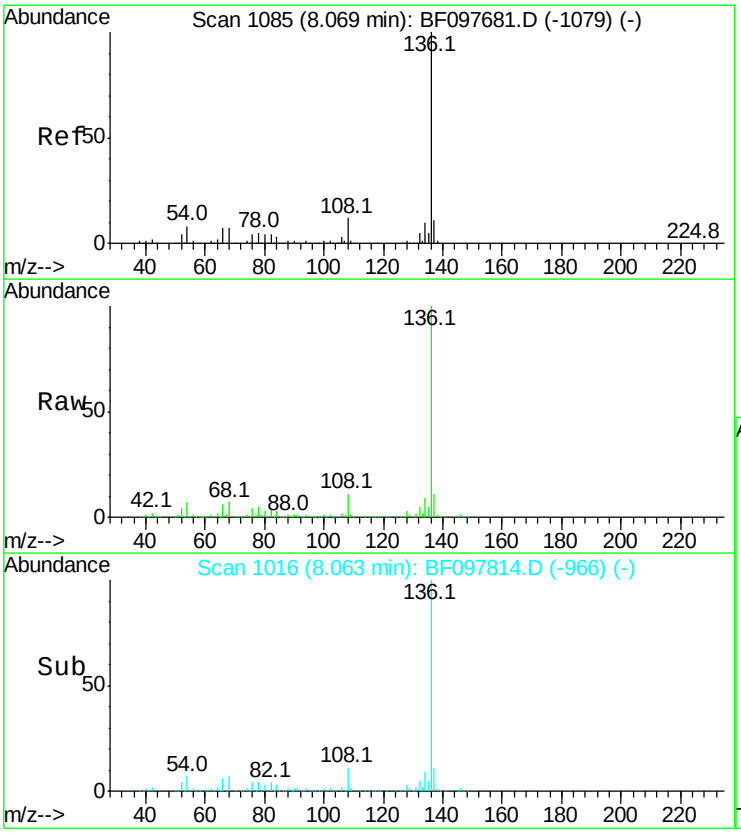
#7
Phenol-d6
Concen: 29.448 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-13-GW

Tgt Ion: 99 Resp: 392745

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	35.1	24.5	36.7

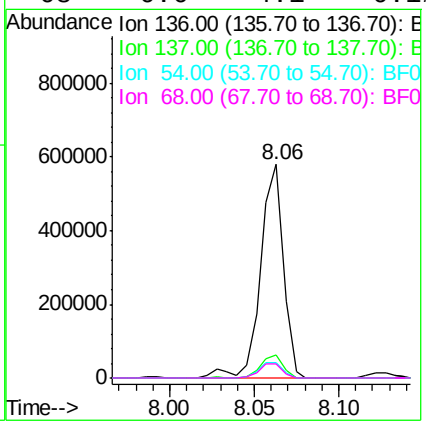


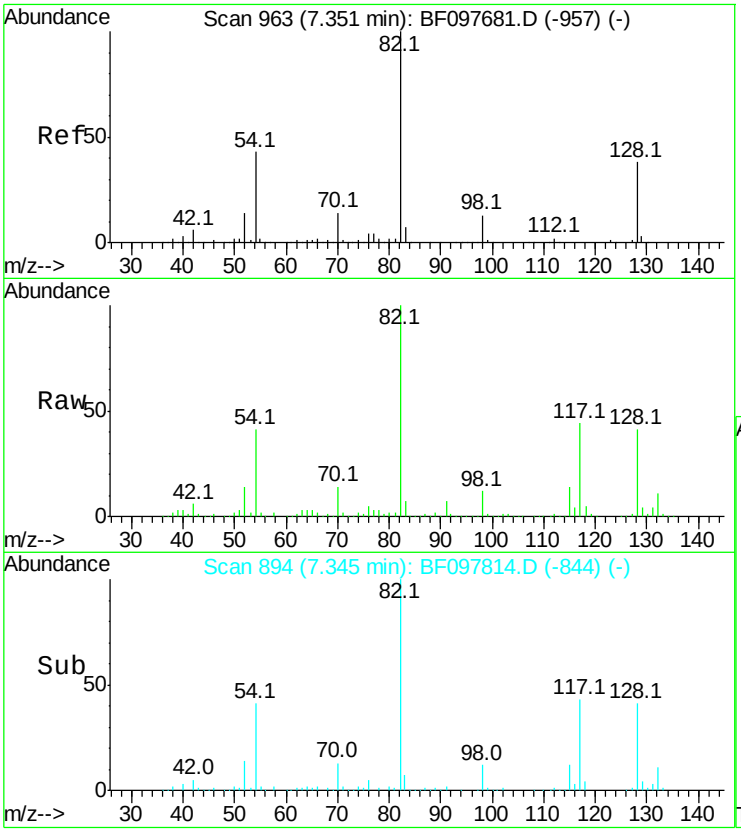


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Tgt Ion:136 Resp: 548375

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.1	4.9	7.3
68	6.6	4.1	6.1#



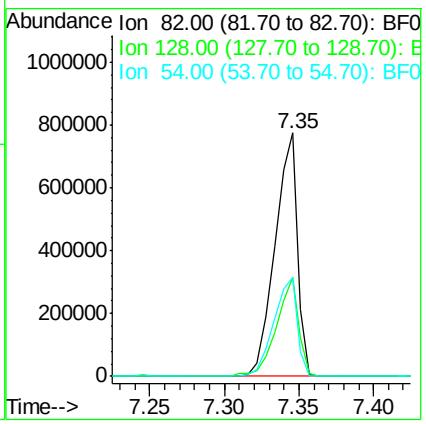


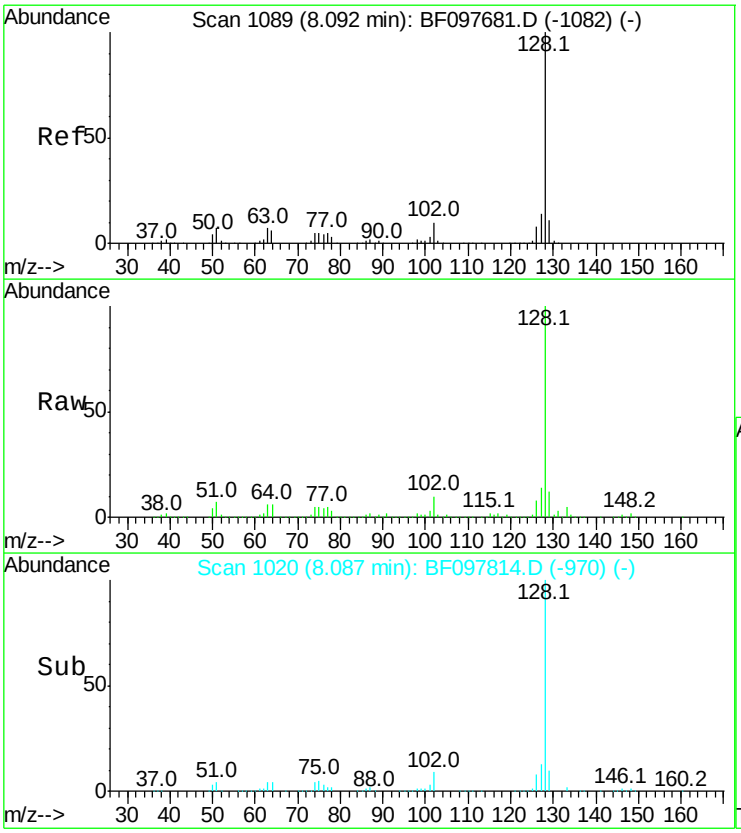
#23
Nitrobenzene-d5
Concen: 80.791 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-13-GW

Tgt Ion: 82 Resp: 815542

Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.0	51.0
54	40.8	42.2	63.2#

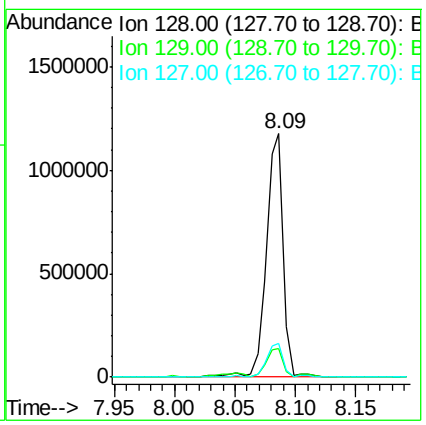


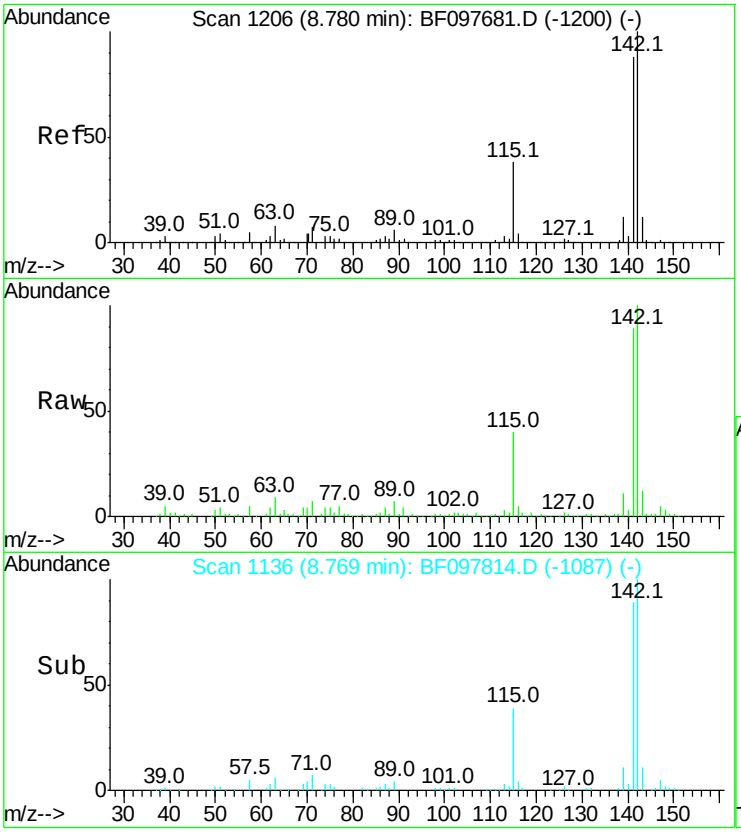


#31
Naphthalene
Concen: 39.540 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Tgt Ion:128 Resp: 1125653

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.7	10.8	16.2



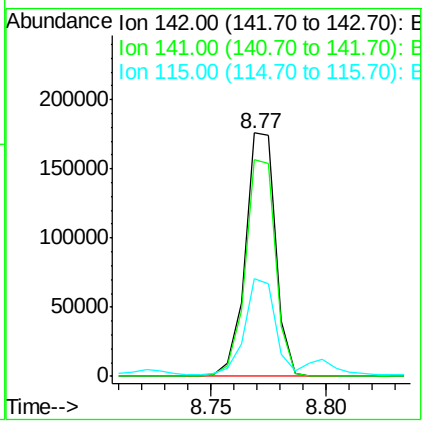


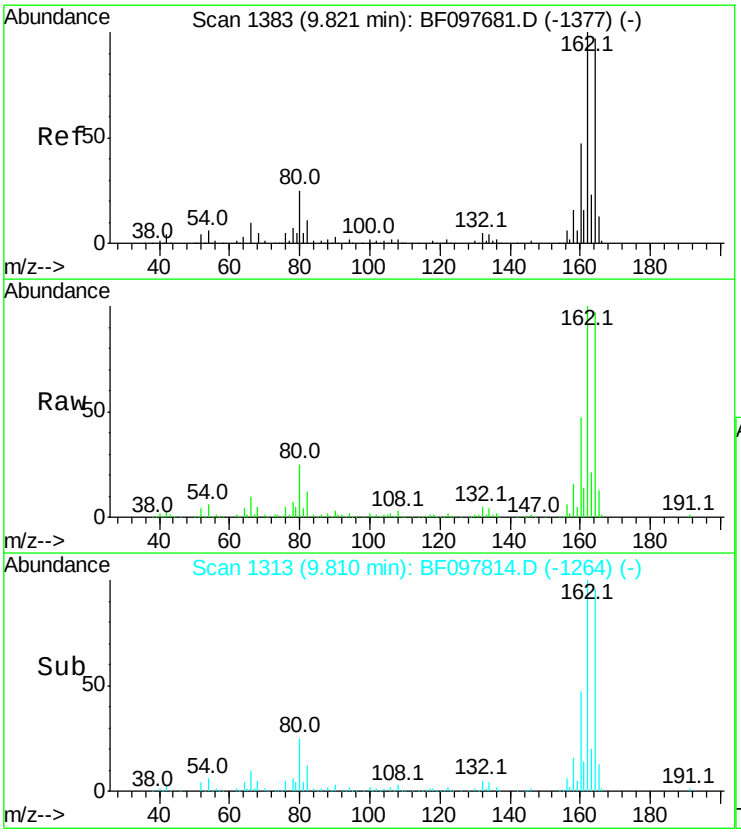
#37
2-Methylnaphthalene
Concen: 9.222 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-13-GW

Tgt Ion:142 Resp: 160960

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	40.1	27.1	40.7

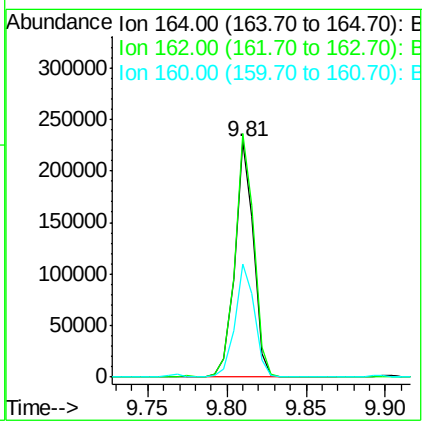


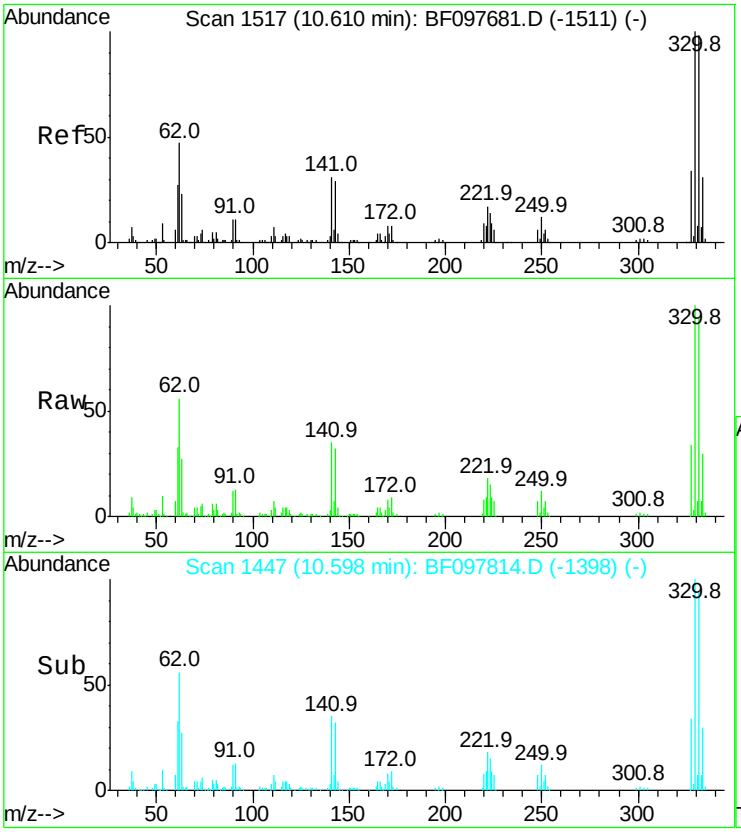


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Tgt Ion:164 Resp: 185697

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	48.1	36.2	54.2



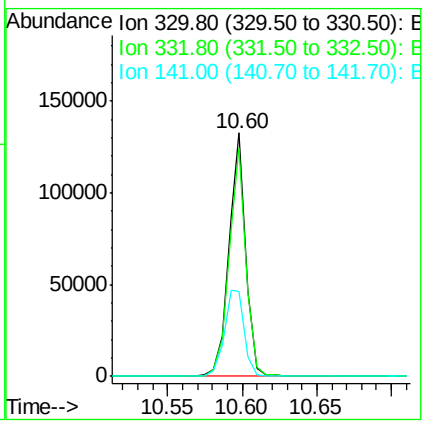


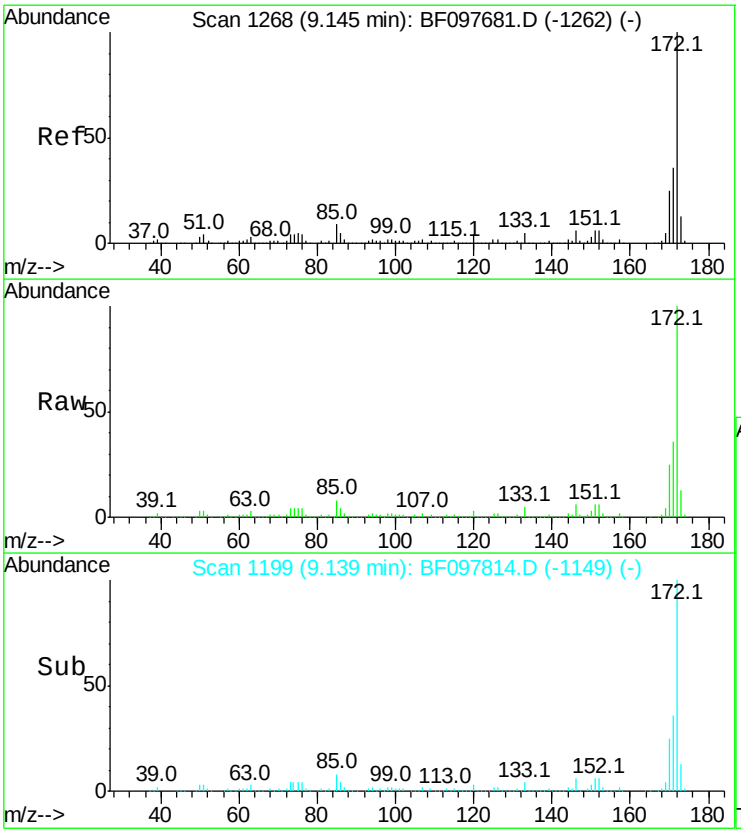
#41
2,4,6-Tribromophenol
Concen: 65.629 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-13-GW

Tgt Ion:330 Resp: 105743

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	42.2	31.4	47.2

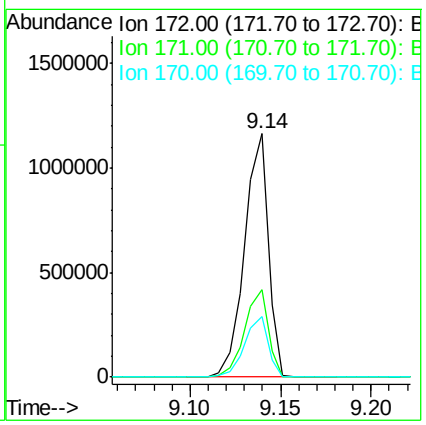


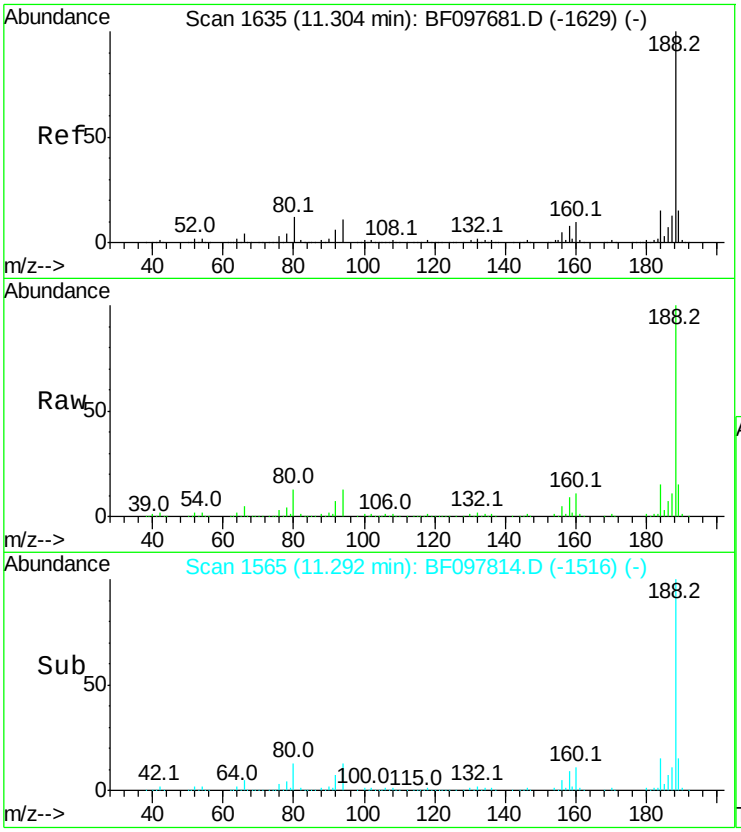


#44
2-Fluorobiphenyl
Concen: 84.102 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Tgt Ion:172 Resp: 1062995

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.7	19.8	29.8



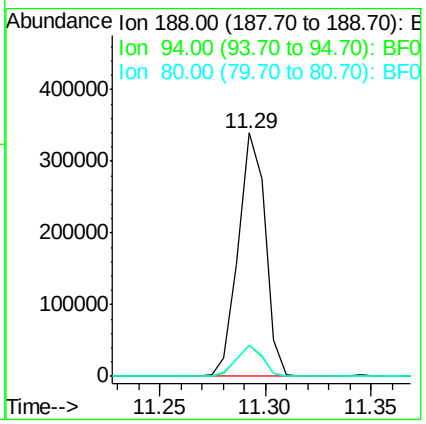


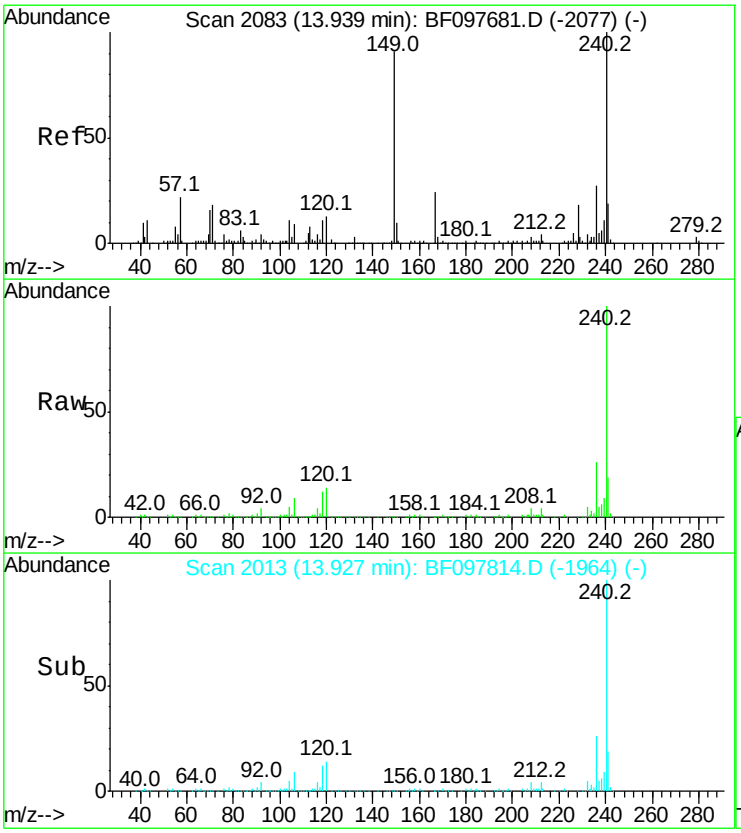
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-13-GW

Tgt Ion:188 Resp: 302196

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	13.0	10.2	15.2

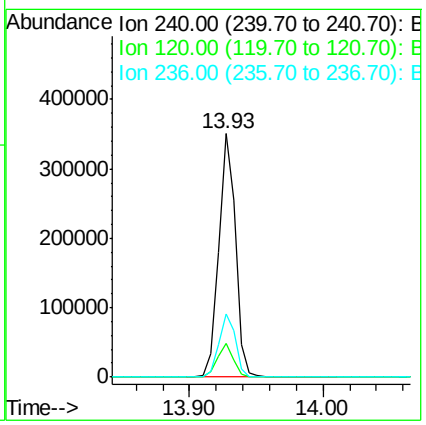


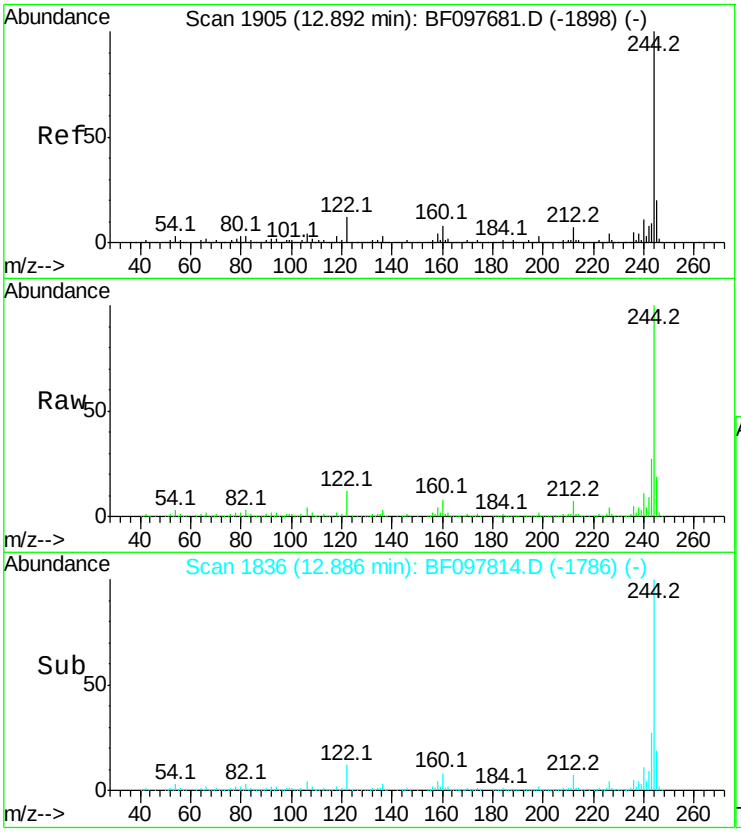


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Tgt Ion:240 Resp: 311436

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.9	20.5	30.7



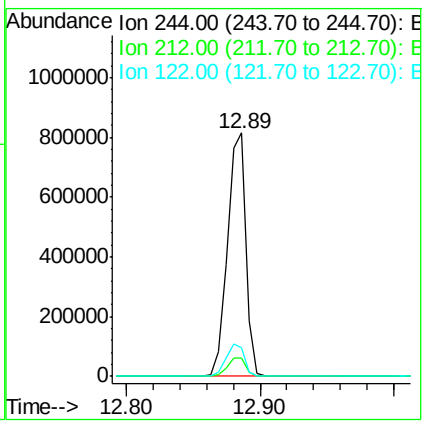


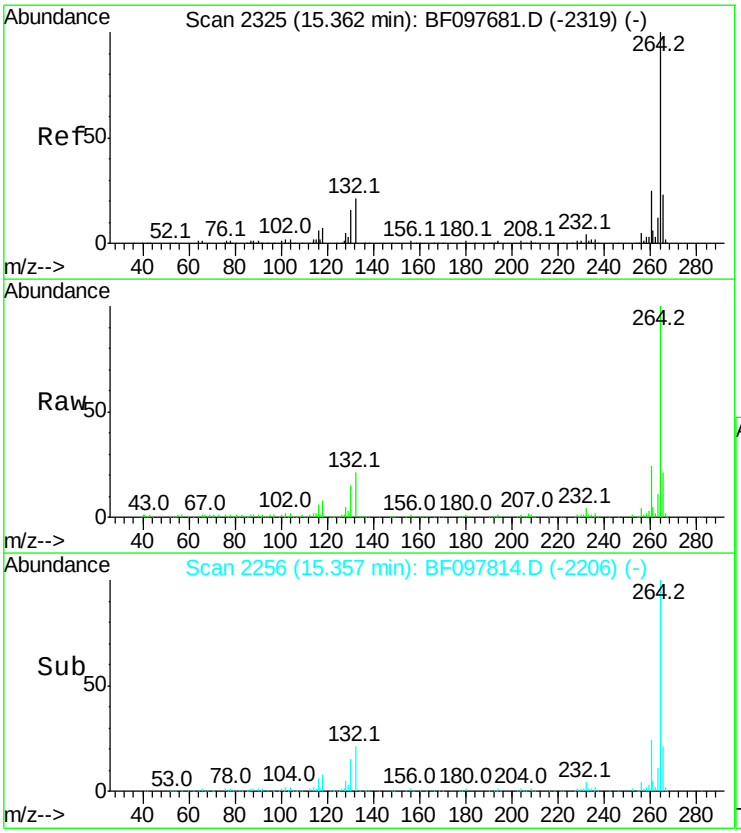
#78
Terphenyl-d14
Concen: 53.103 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-13-GW

Tgt Ion:244 Resp: 793070

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.8	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097814.D
Acq: 18 Aug 2017 5:03

Tgt Ion:264 Resp: 221670

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.0	17.2	25.8