Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097674.D
Acq On : 13 Aug 2017 14:57
Operator : SJ/JU
Sample : I4703-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Quant Time: Aug 14 05:32:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	101300	20.00 ng	0.00
21) Naphthalene-d8	9.53	136	421503	20.00 ng	-0.01
38) Acenaphthene-d10	12.35	164	136852	20.00 ng	-0.02
63) Phenanthrene-d10	14.75	188	197833	20.00 ng	-0.01
75) Chrysene-d12	18.45	240	188106	20.00 ng	-0.01
86) Perylene-d12	20.11	264	164289	20.00 ng	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	5.43	112	700402	109.90 ng	0.02
7) Phenol-d6	7.07	99	768085	97.15 ng	0.02
23) Nitrobenzene-d5	8.41	82	427711	63.63 ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	84278	81.01 ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	516473	56.96 ng	-0.02
78) Terphenyl-d14	17.10	244	301670	33.19 ng	-0.02
Target Compounds					Qvalue
10) Phenol	7.09	94	20423	2.36 ng	# 44
19) n-Nitroso-di-n-propylamine	8.42	70	57642	10.48 ng	# 87
49) Dimethylphthalate	12.00	163	135320	12.83 ng	99

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097674.D
Acq On : 13 Aug 2017 14:57
Operator : SJ/JU
Sample : I4703-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Aug 14 05:32:26 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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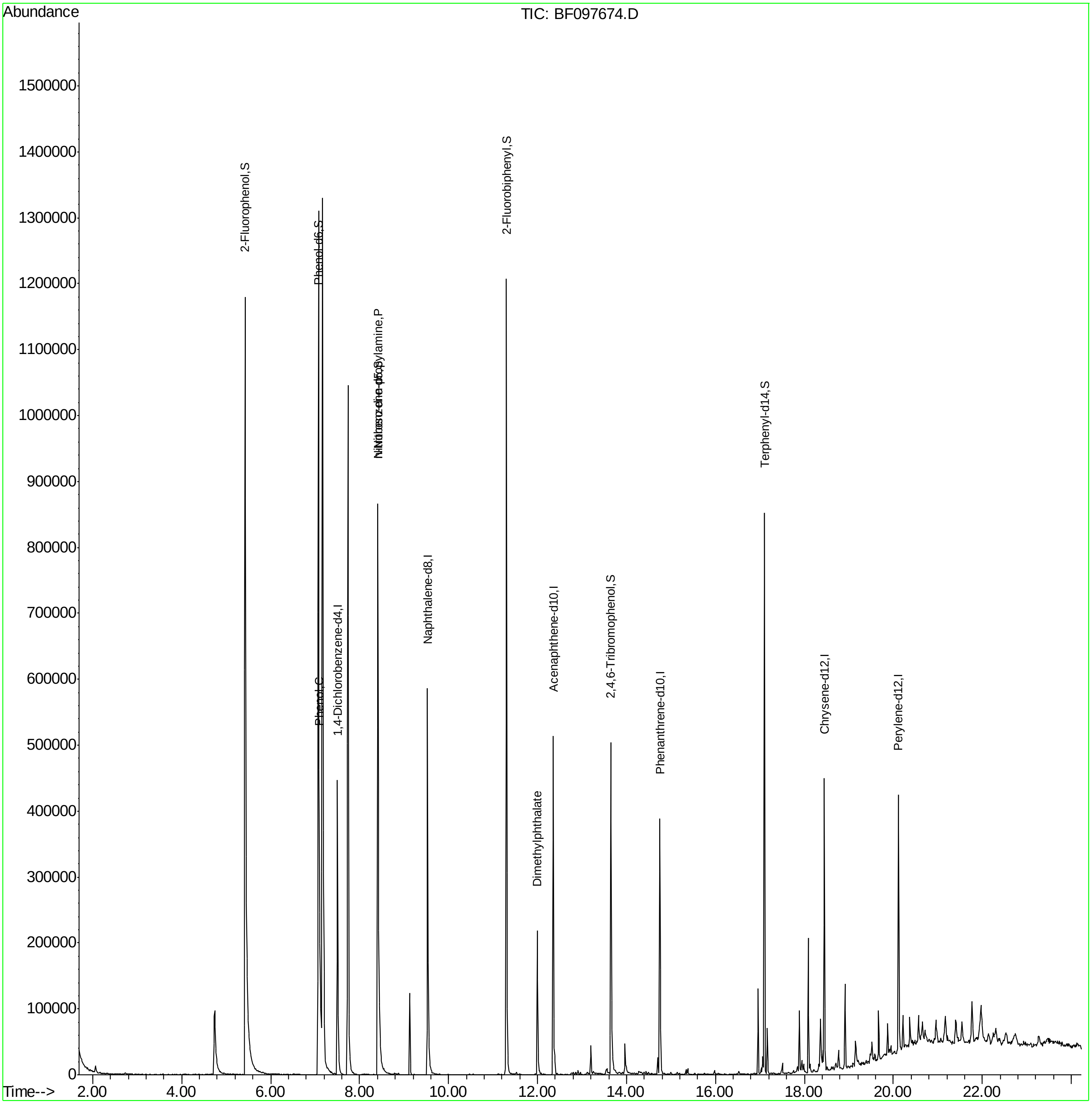
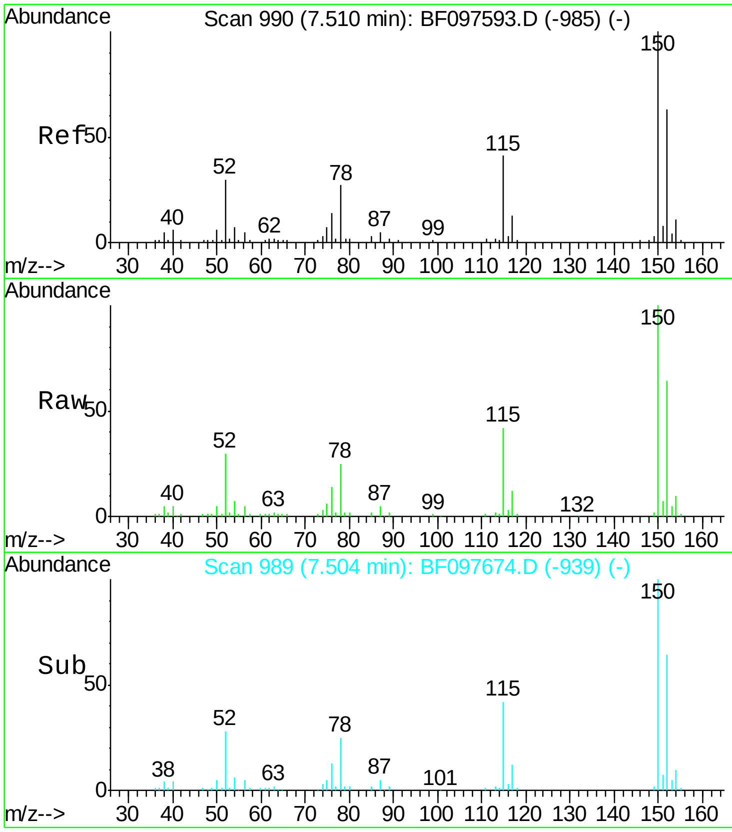


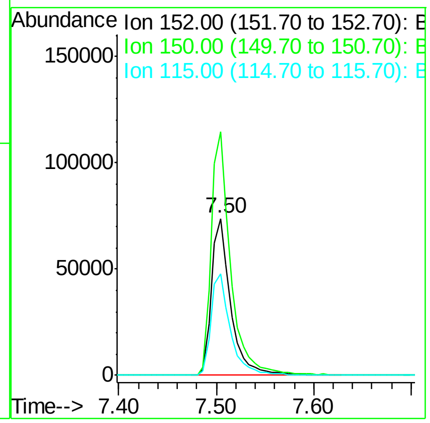


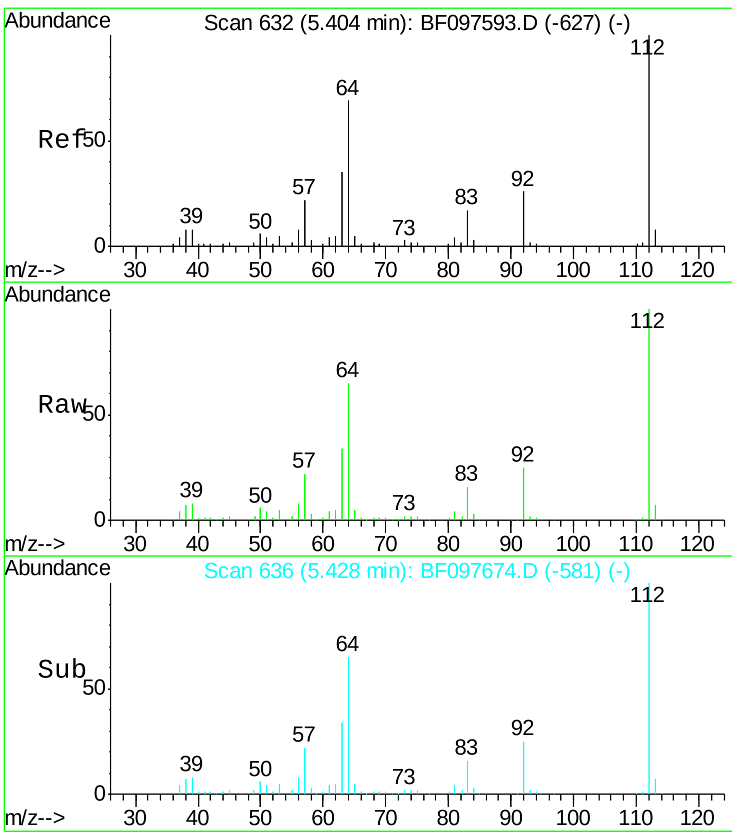
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion:152 Resp: 101300

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	64.7	52.2	78.2

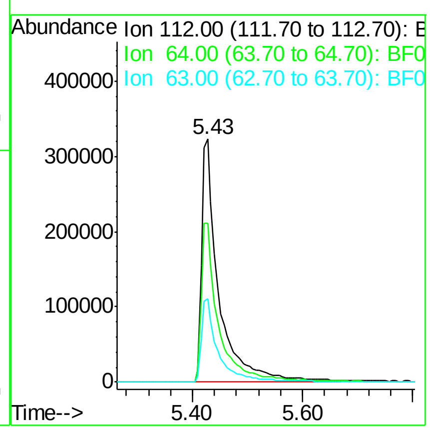


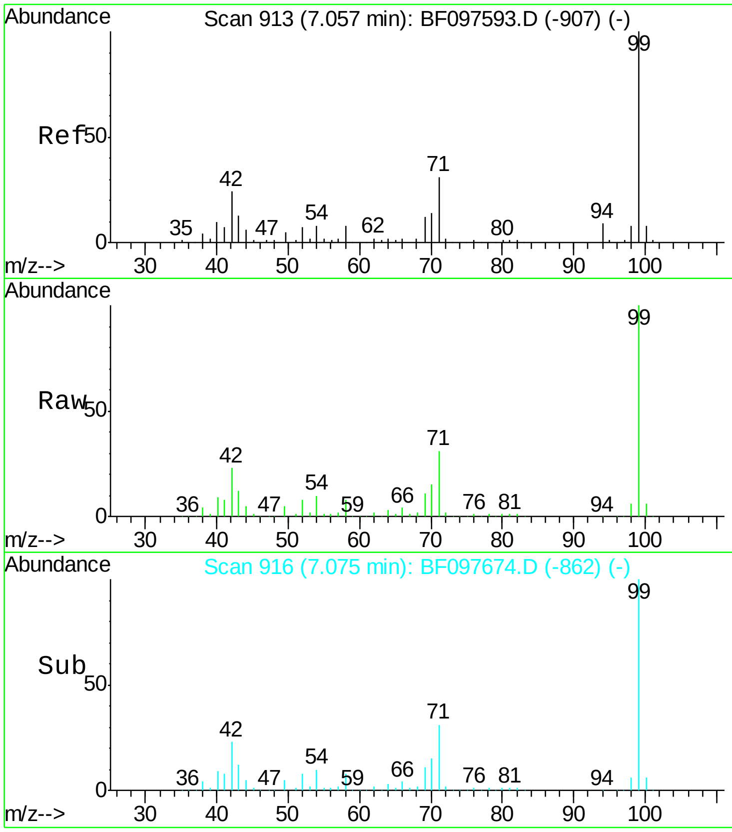


#5
2-Fluorophenol
Concen: 109.90 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Tgt Ion:112 Resp: 700402

Ion	Ratio	Lower	Upper
112	100		
64	65.5	46.0	69.0
63	34.2	23.4	35.0



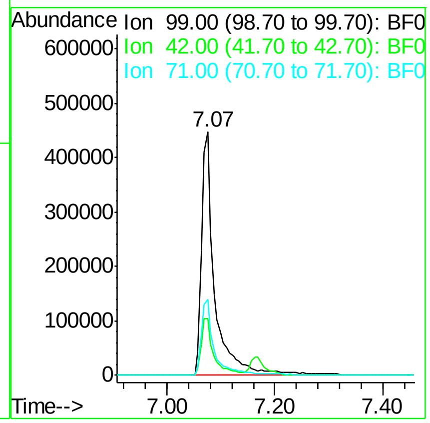


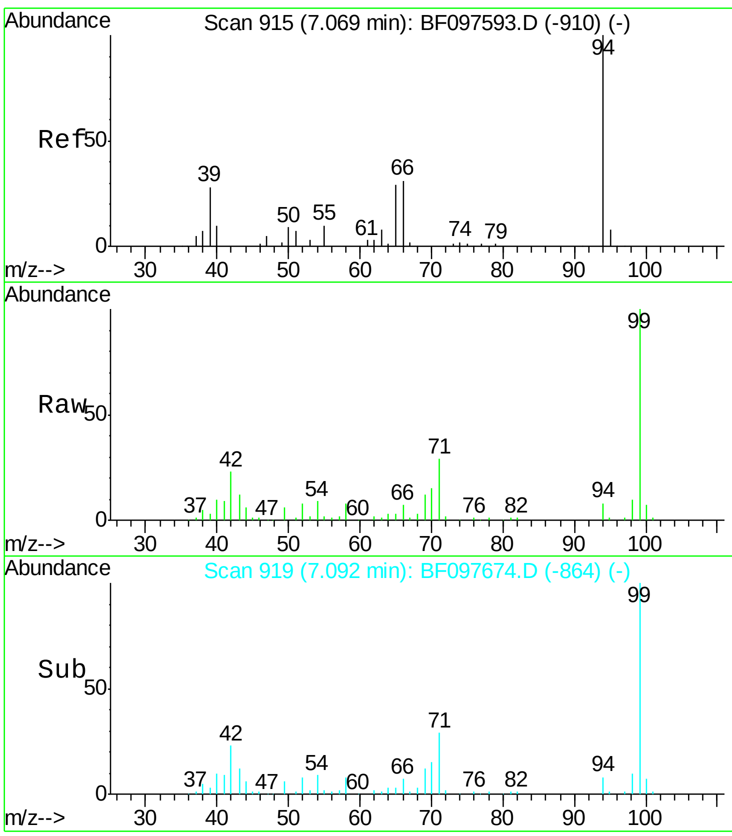
#7
Phenol-d6
Concen: 97.15 ng
RT: 7.07 min Scan# 916
Delta R.T.   0.02 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Instrument : BNA_F
ClientSampleId : E2-G9-BASE

Tgt Ion: 99 Resp: 768085

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	31.5	24.5	36.7

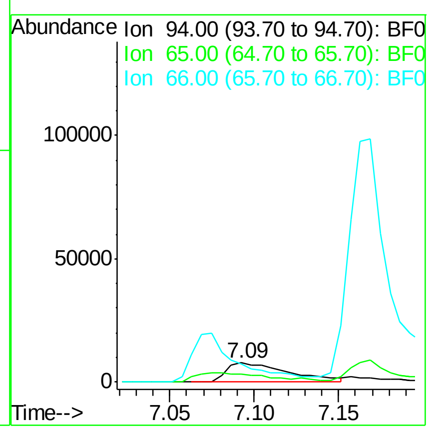




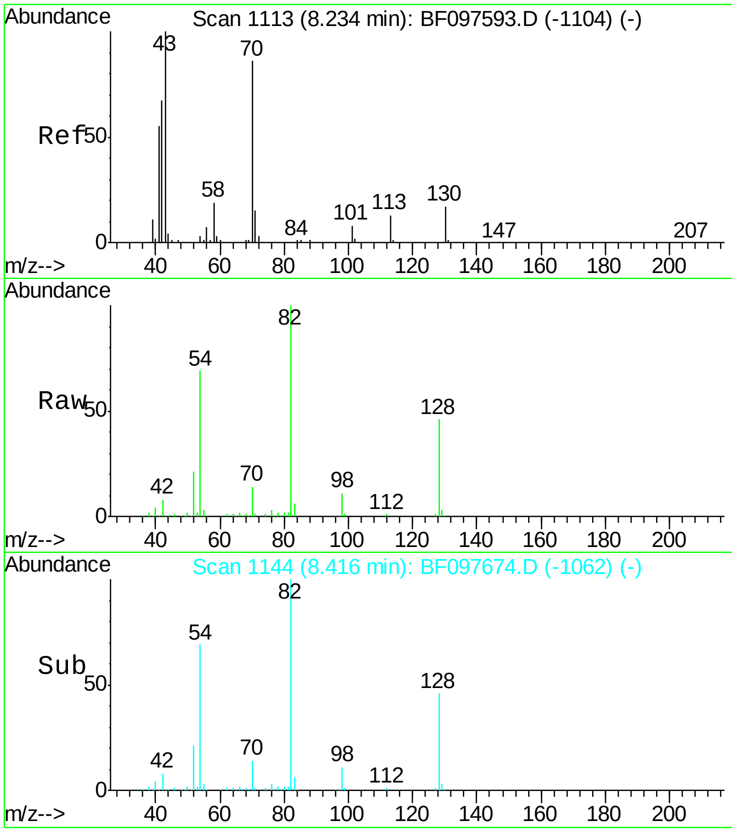
#10
Phenol
Concen: 2.36 ng
RT: 7.09 min Scan# 919
Delta R.T.   0.02 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Tgt Ion: 94 Resp: 20423

Ion	Ratio	Lower	Upper
94	100		
65	40.2	9.9	49.9
66	95.0	23.1	63.1#



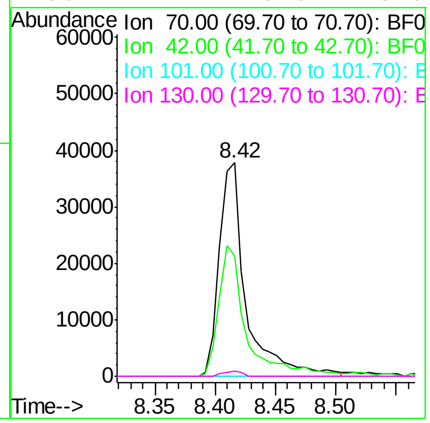
Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

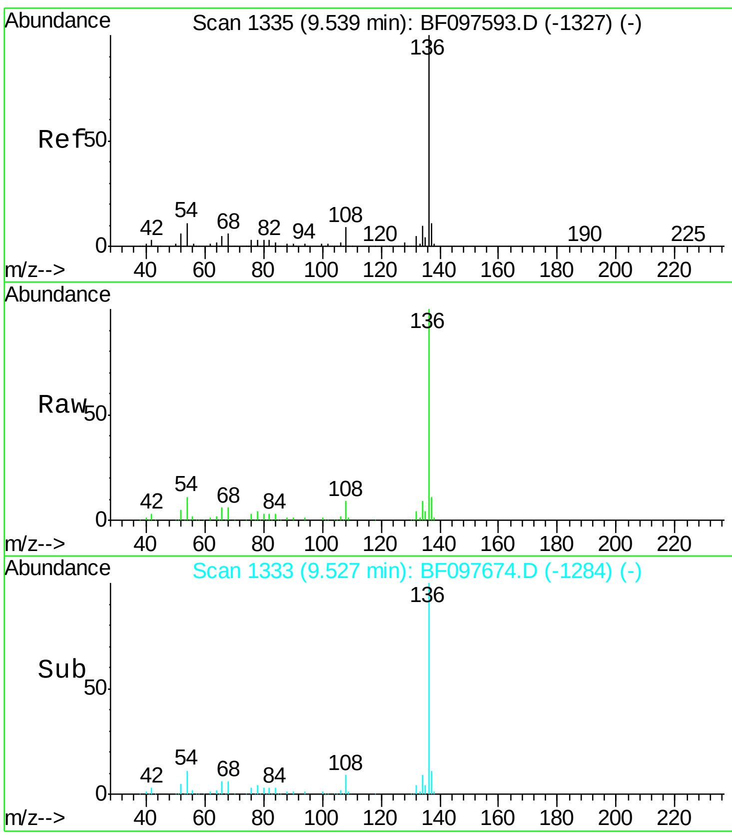


#19
n-Nitroso-di-n-propylamine
Concen: 10.48 ng
RT: 8.42 min Scan# 1144
Delta R.T. 0.18 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Tgt Ion: 70 Resp: 57642

Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

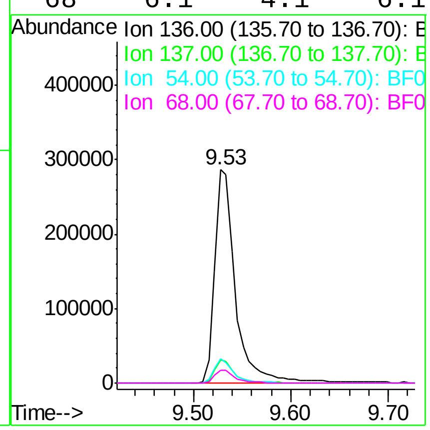


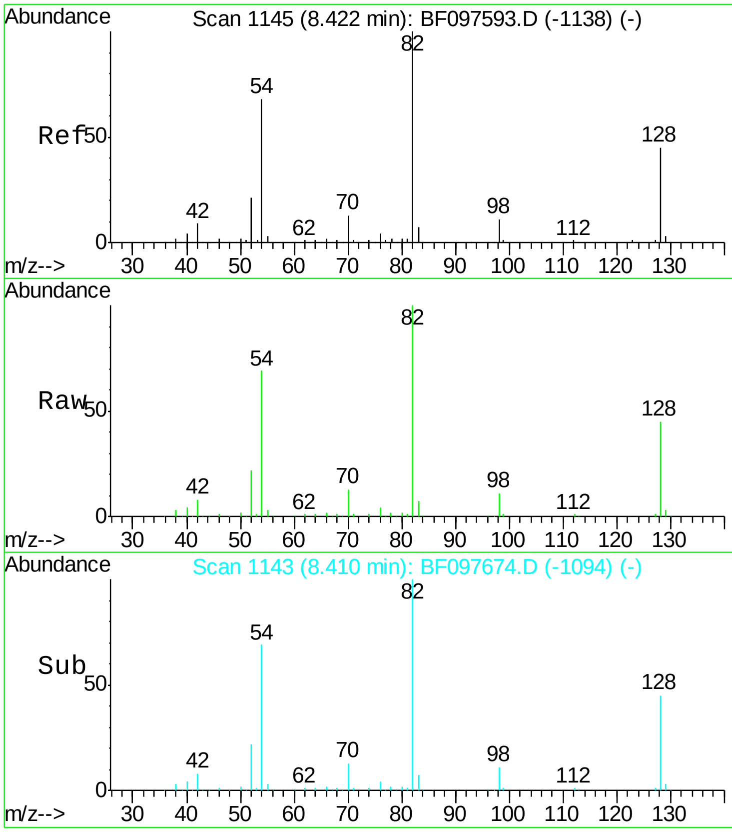


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Tgt Ion:136 Resp: 421503

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.4	4.9	7.3#
68	6.1	4.1	6.1



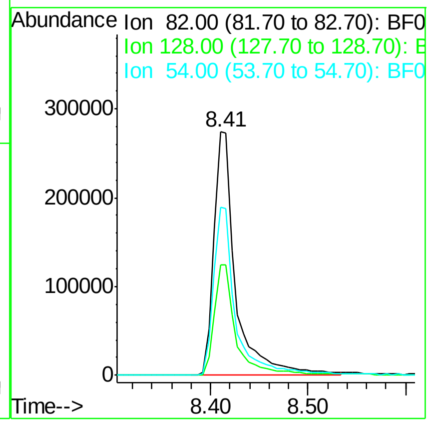


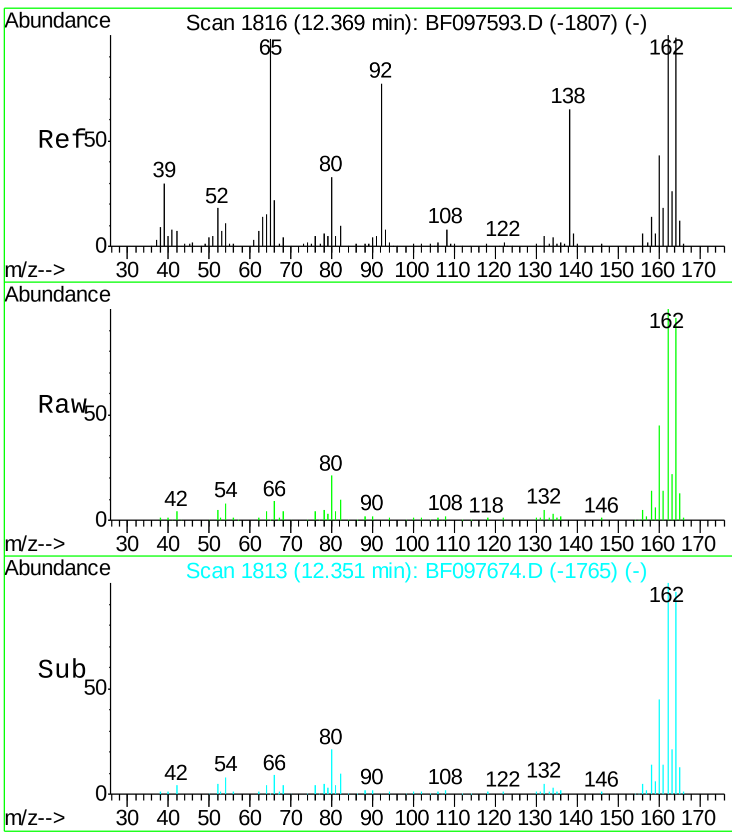
#23
Nitrobenzene-d5
Concen: 63.63 ng
RT: 8.41 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Instrument : BNA_F
ClientSampleId : E2-G9-BASE

Tgt Ion: 82 Resp: 427711

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	69.2	42.2	63.2#

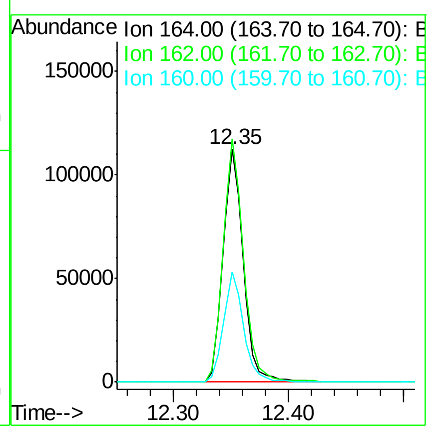


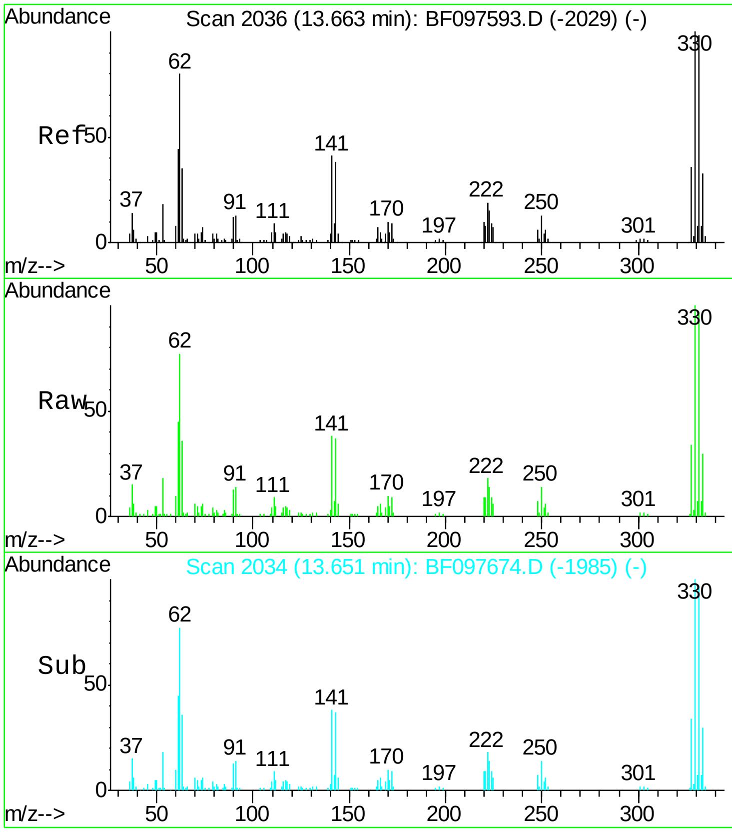


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.35 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Tgt Ion:164 Resp: 136852

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	47.3	36.2	54.2



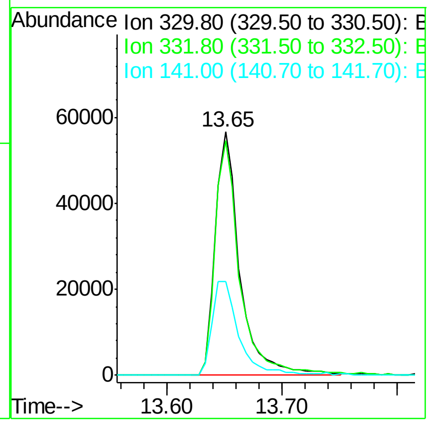


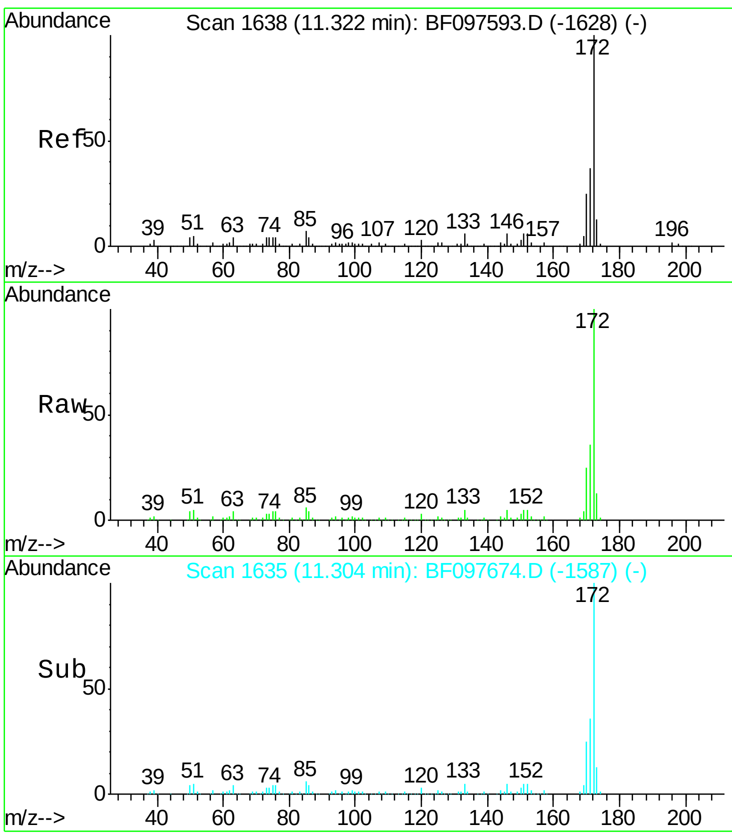
#41
2,4,6-Tribromophenol
Concen: 81.01 ng
RT: 13.65 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Instrument : BNA_F
ClientSampleId : E2-G9-BASE

Tgt Ion:330 Resp: 84278

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	42.4	31.4	47.2

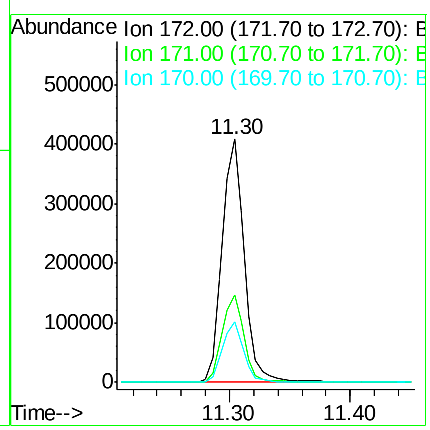


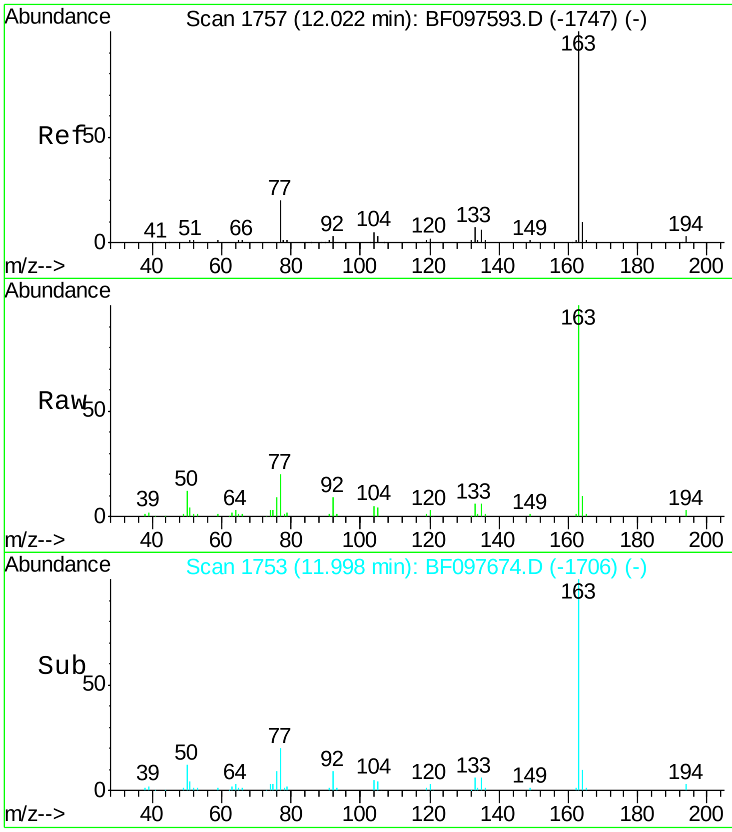


#44
2-Fluorobiphenyl
Concen: 56.96 ng
RT: 11.30 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Tgt Ion:172 Resp: 516473

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	25.0	19.8	29.8



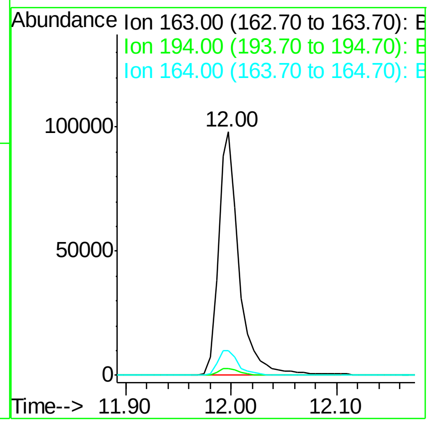


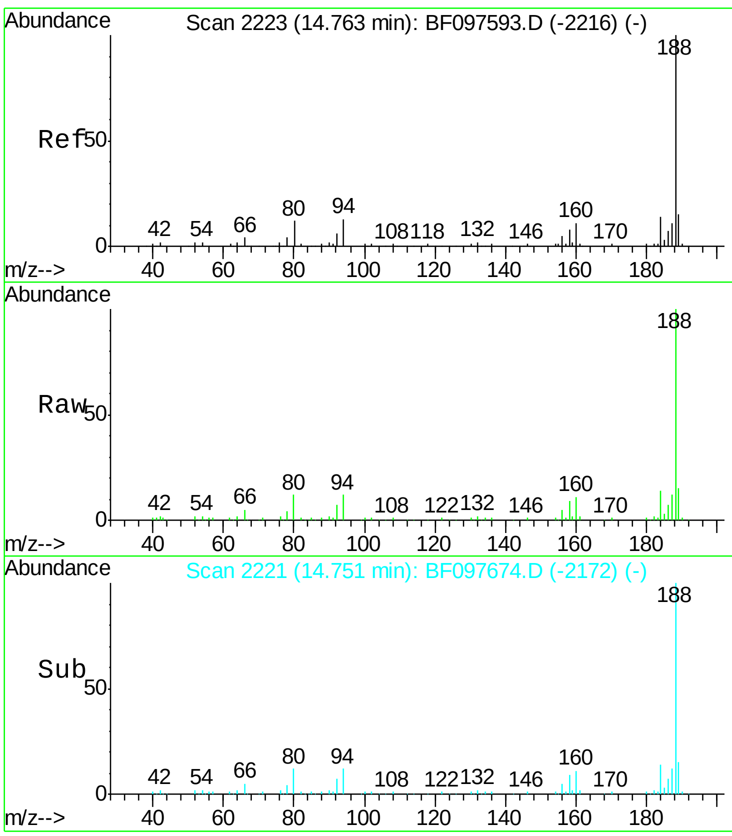
#49
Dimethylphthalate
Concen: 12.83 ng
RT: 12.00 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Instrument : BNA_F
ClientSampleId : E2-G9-BASE

Tgt Ion:163 Resp: 135320

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.0	8.4	12.6

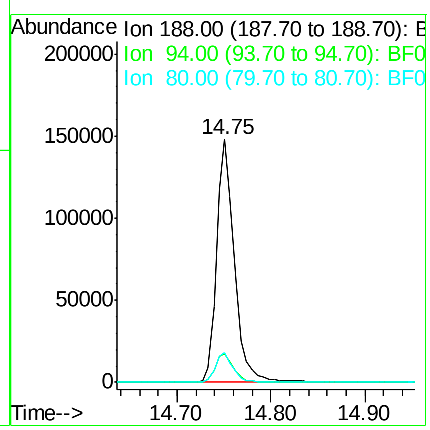


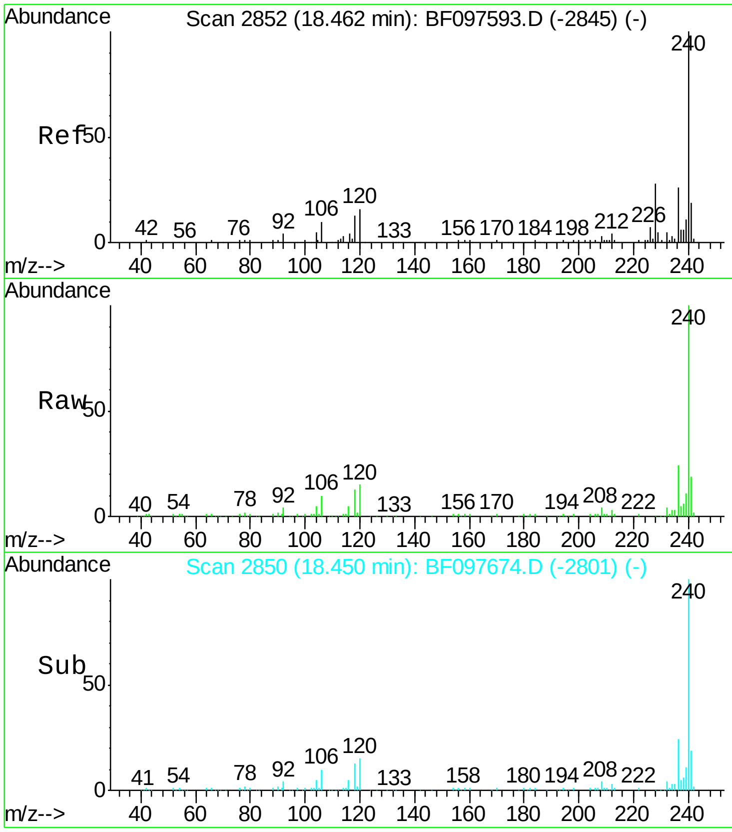


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Tgt Ion:188 Resp: 197833

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.0	10.2	15.2



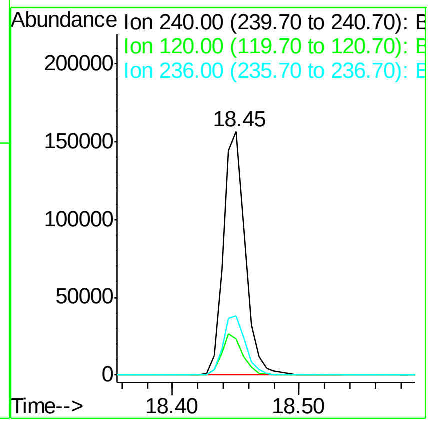


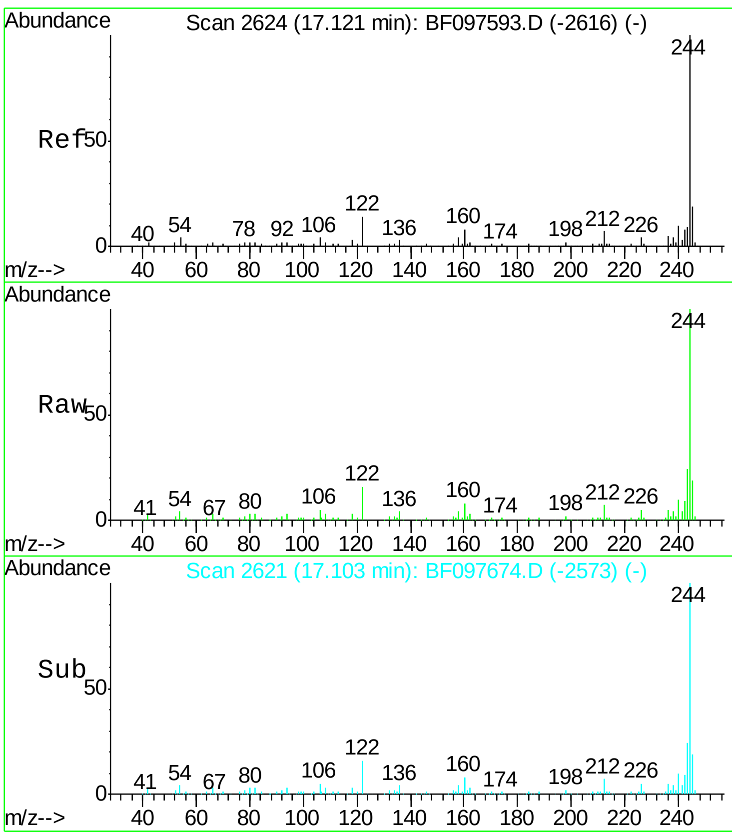
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min   Scan# 2850
Delta R.T.   -0.01 min
Lab File: BF097674.D
Acq: 13 Aug 2017   14:57

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion:240 Resp: 188106

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	24.4	20.5	30.7

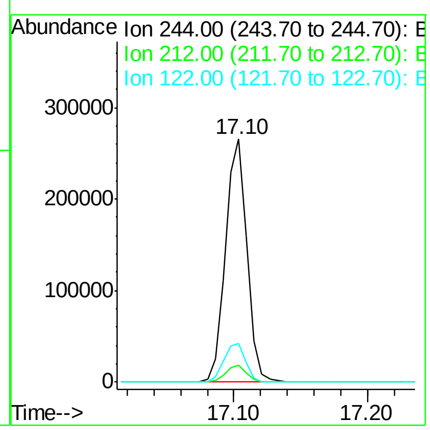


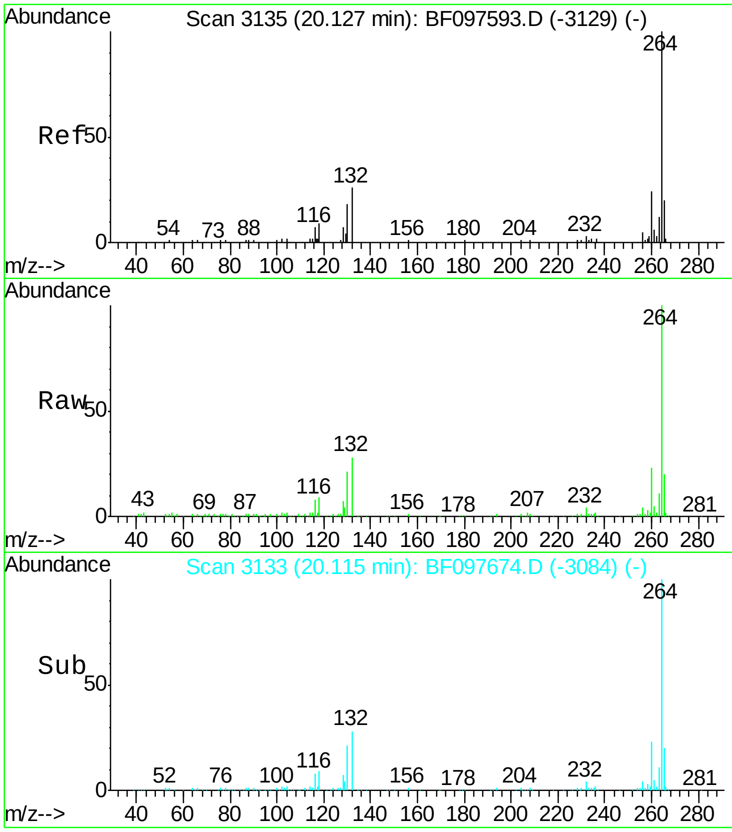


#78
Terphenyl-d14
Concen: 33.19 ng
RT: 17.10 min   Scan# 2621
Delta R.T.   -0.02 min
Lab File: BF097674.D
Acq: 13 Aug 2017   14:57

Tgt Ion:244 Resp: 301670

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.7	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF097674.D
Acq: 13 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tgt Ion:264 Resp: 164289

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.3	17.2	25.8