Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096813.D
Acq On : 17 Jul 2017 12:24
Operator : SJ/JU
Sample : I4159-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOUTH-GAS-SIDEWALL

Quant Time: Jul 17 13:19:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 13:14:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	103740	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	433355	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	192623	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	316718	20.00	ng	0.00
75) Chrysene-d12	13.73	240	190460	20.00	ng	0.00
86) Perylene-d12	15.10	264	185797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	727323	105.42	ng	0.00
7) Phenol-d6	6.26	99	826242	99.79	ng	0.00
23) Nitrobenzene-d5	7.17	82	479382	68.52	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	150342	91.44	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	904641	74.20	ng	0.00
78) Terphenyl-d14	12.70	244	620155	56.47	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.27	94	22578	2.412	ng	99
49) Dimethylphthalate	9.36	163	108193	7.460	ng	98

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

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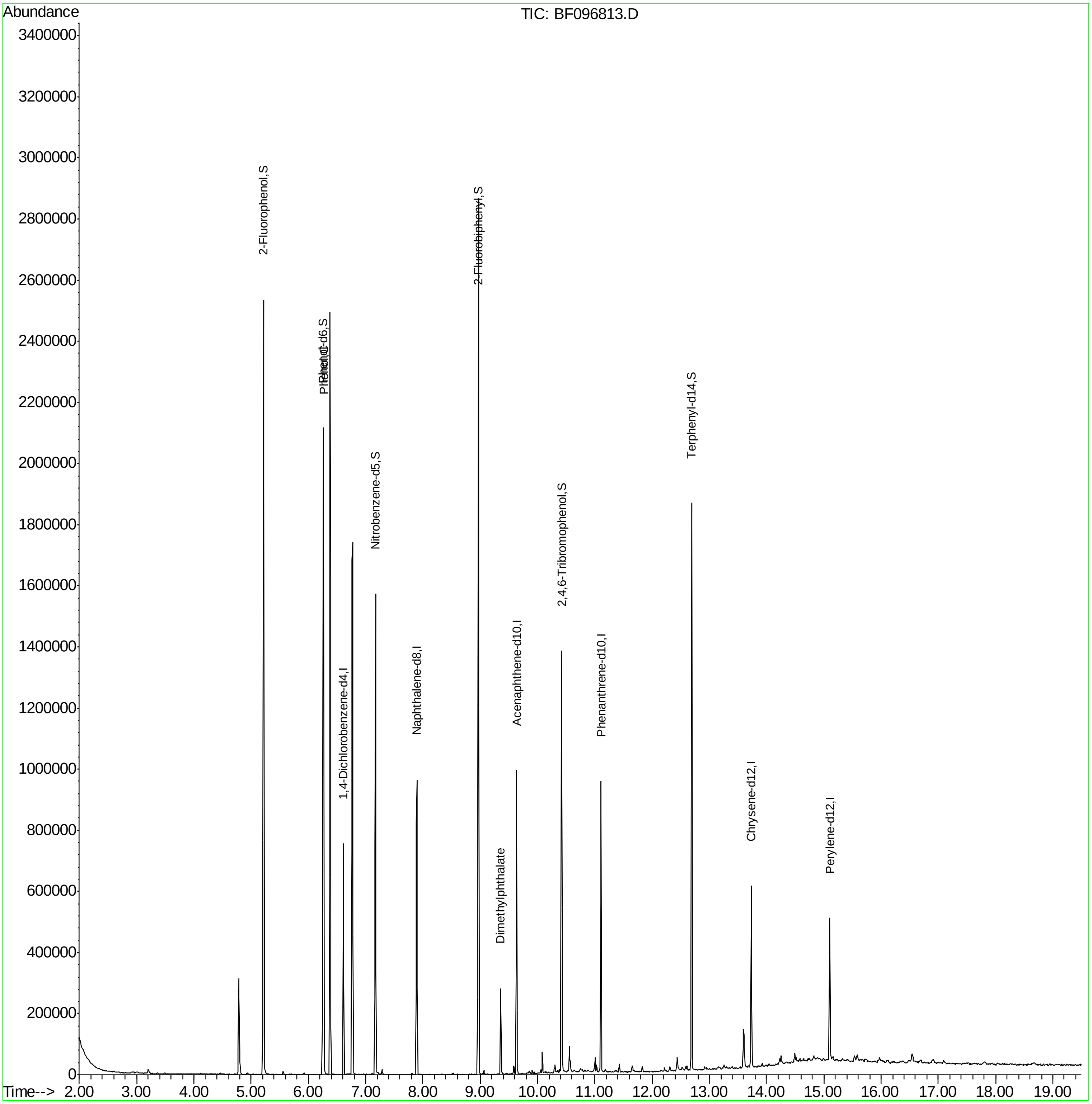
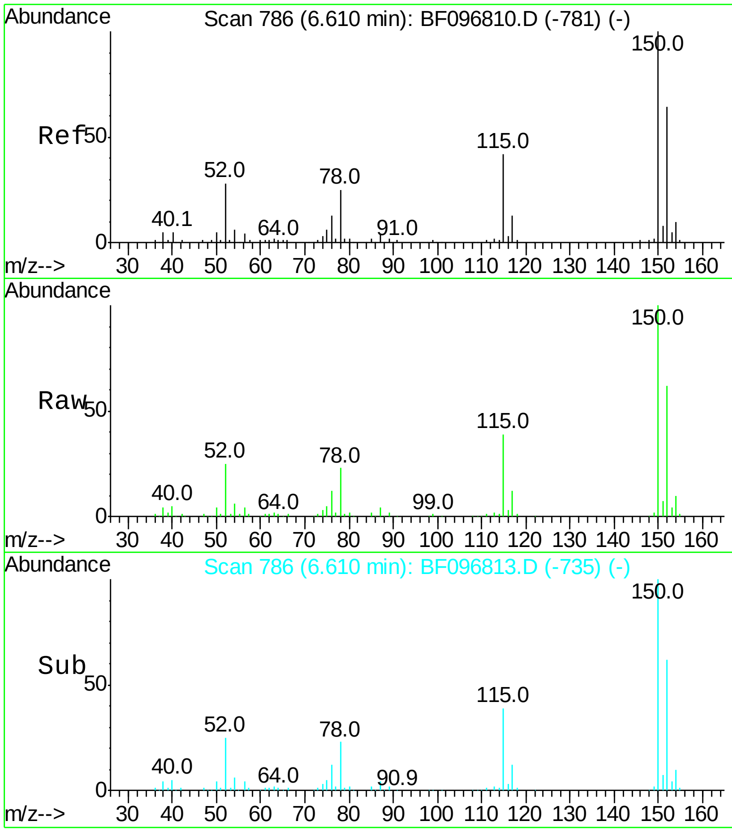


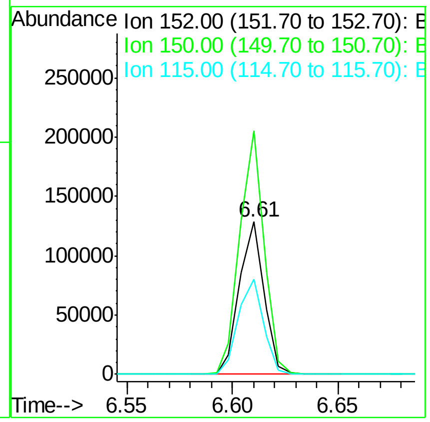


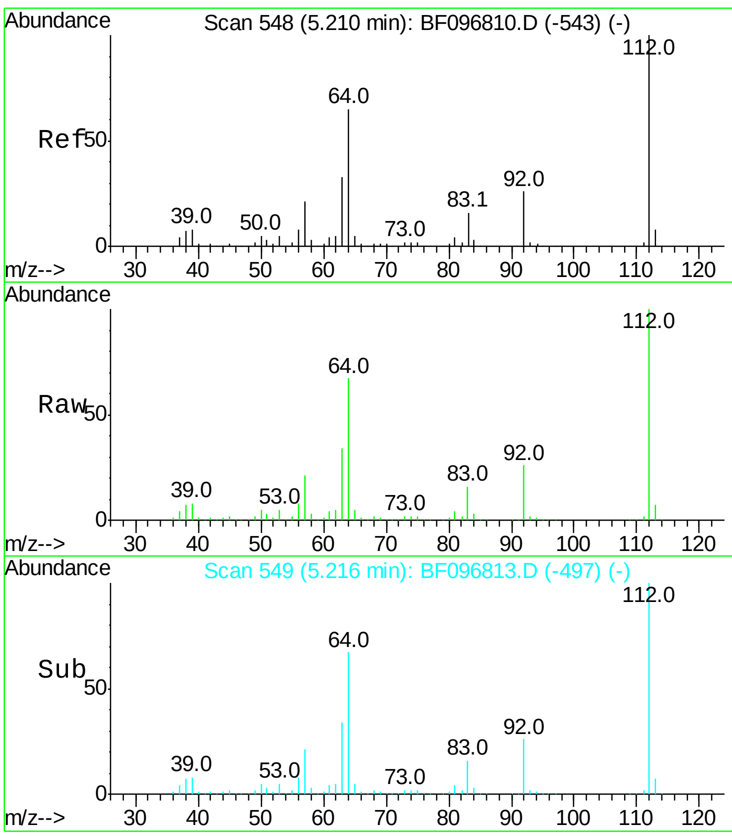
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Instrument :
BNA_F
ClientSampleId :
SOUTH-GAS-SIDEWALL

Tgt Ion:152 Resp: 103740

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.2
115	62.2	52.2	78.2

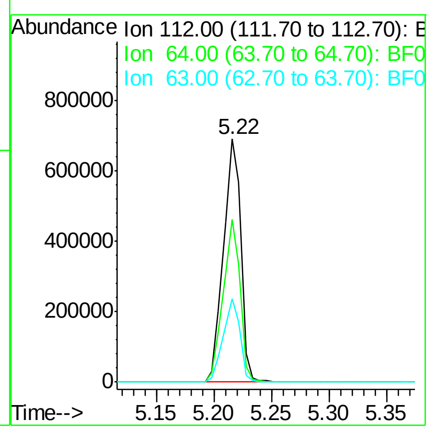




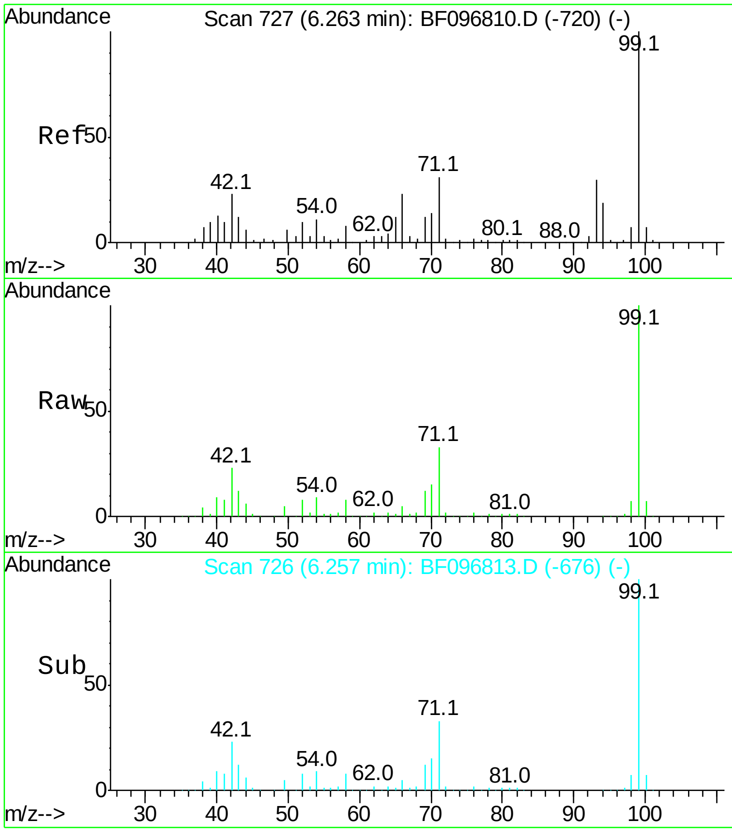
#5
2-Fluorophenol
Concen: 105.417 ng
RT: 5.22 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Tgt Ion:112 Resp: 727323

Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	34.3	23.4	35.0



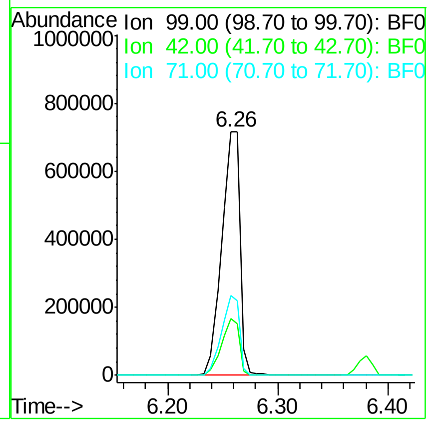
Instrument :
BNA_F
ClientSampleId :
SOUTH-GAS-SIDEWALL

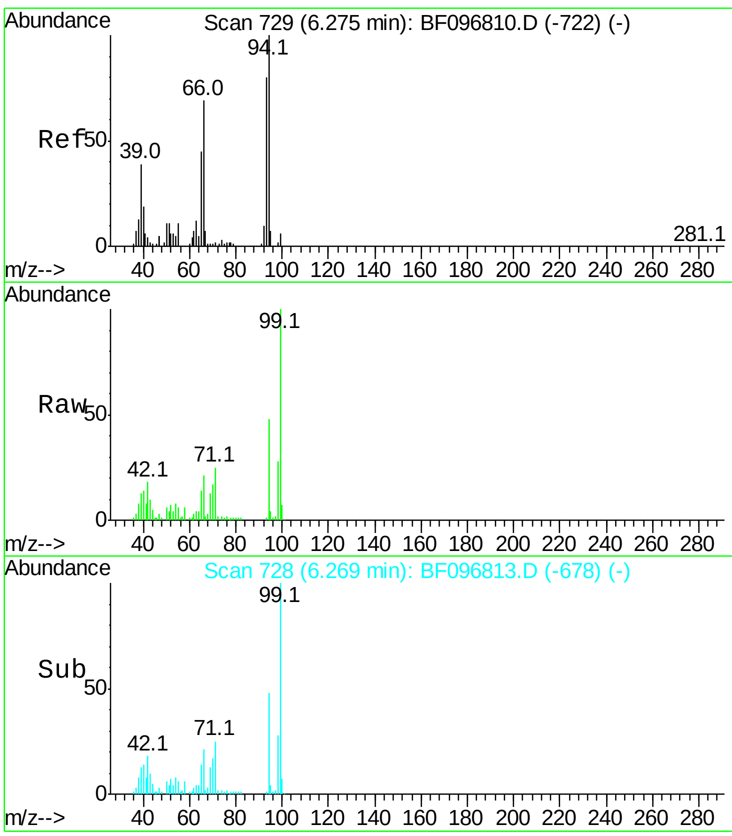


#7
Phenol-d6
Concen: 99.792 ng
RT: 6.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Tgt Ion: 99 Resp: 826242

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	32.9	24.5	36.7

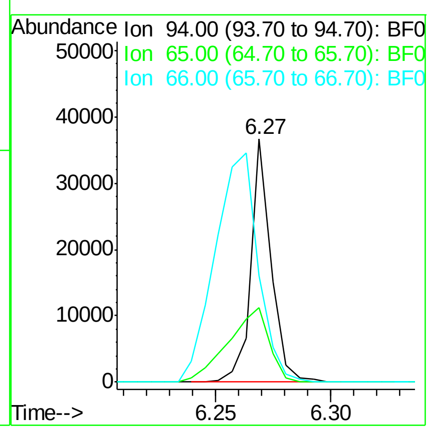


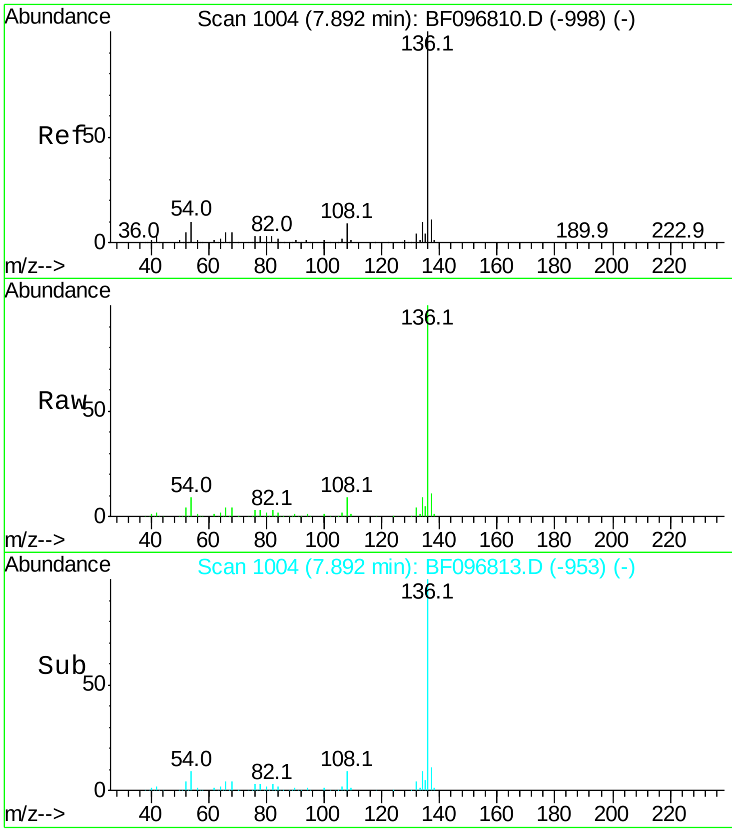


#10
Phenol
Concen: 2.412 ng
RT: 6.27 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Tgt Ion: 94 Resp: 22578

Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.9	49.9
66	43.7	23.1	63.1



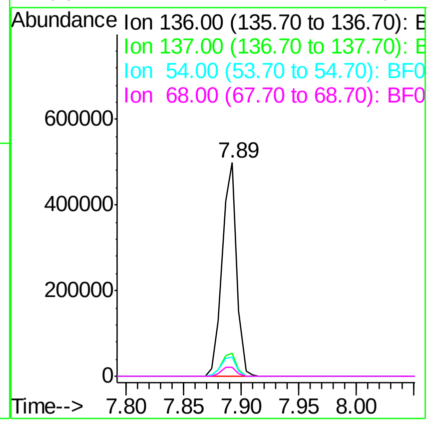


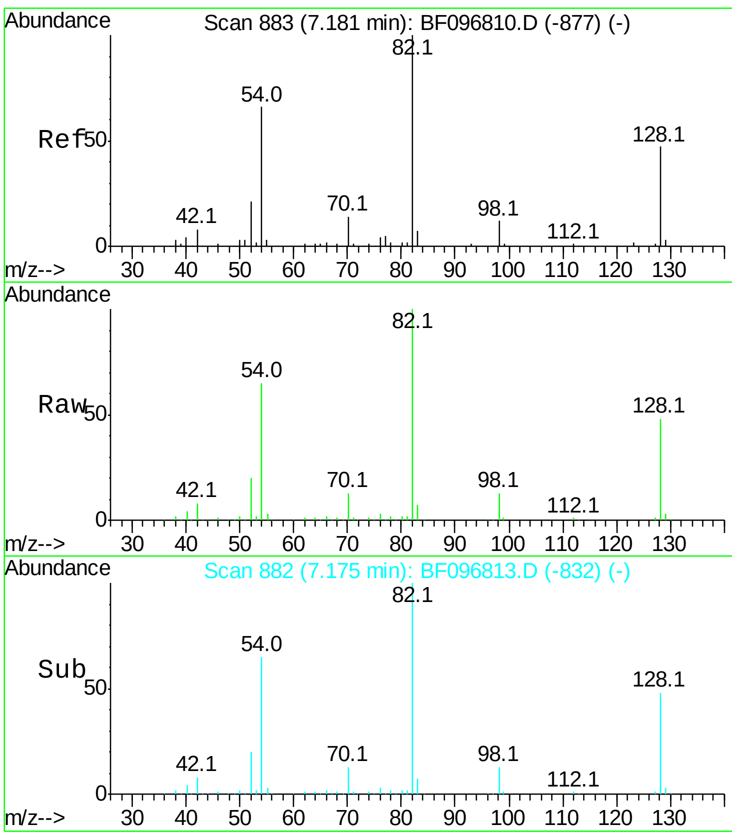
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min   Scan# 1004
Delta R.T.   -0.00 min
Lab File: BF096813.D
Acq: 17 Jul 2017   12:24

Instrument :
BNA_F
ClientSampleId :
SOUTH-GAS-SIDEWALL

Tgt Ion:136 Resp: 433355

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.8	4.9	7.3#
68	4.4	4.1	6.1

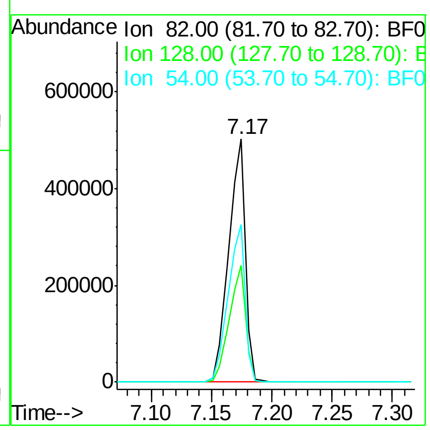


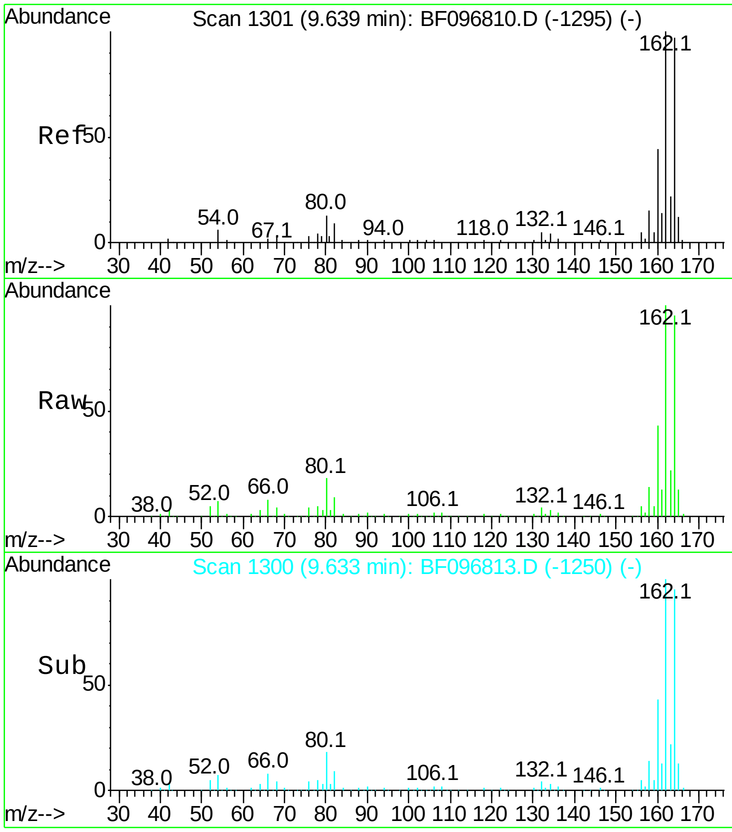


#23
Nitrobenzene-d5
Concen: 68.520 ng
RT: 7.17 min   Scan# 882
Delta R.T.   -0.01 min
Lab File: BF096813.D
Acq: 17 Jul 2017   12:24

Tgt Ion: 82 Resp: 479382

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	64.8	42.2	63.2#



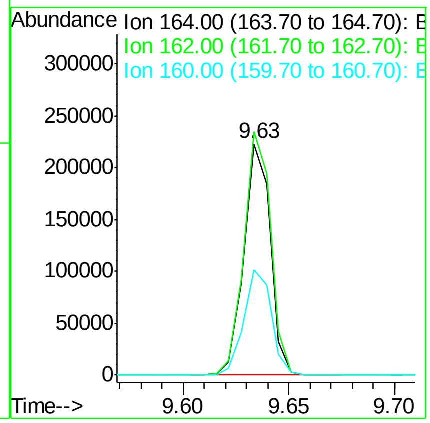


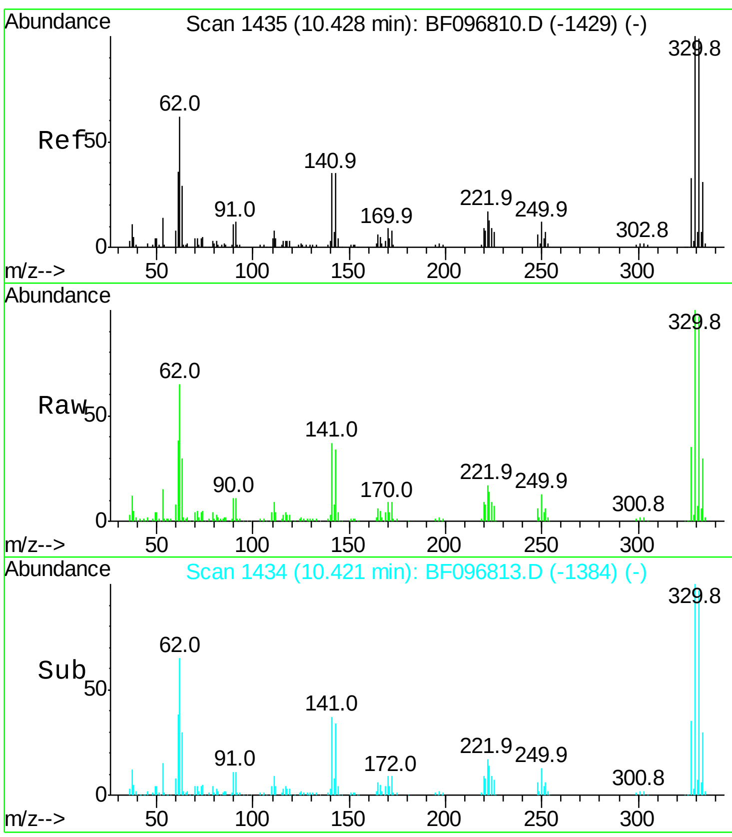
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Instrument :
BNA_F
ClientSampleId :
SOUTH-GAS-SIDEWALL

Tgt Ion:164 Resp: 192623

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	45.7	36.2	54.2

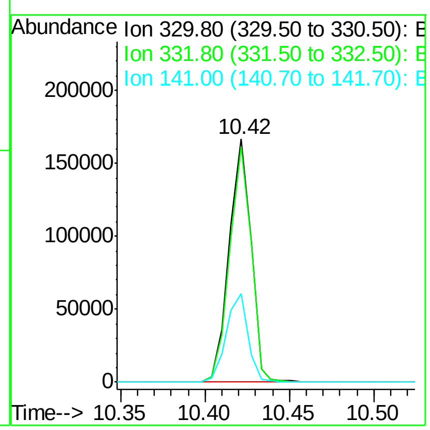


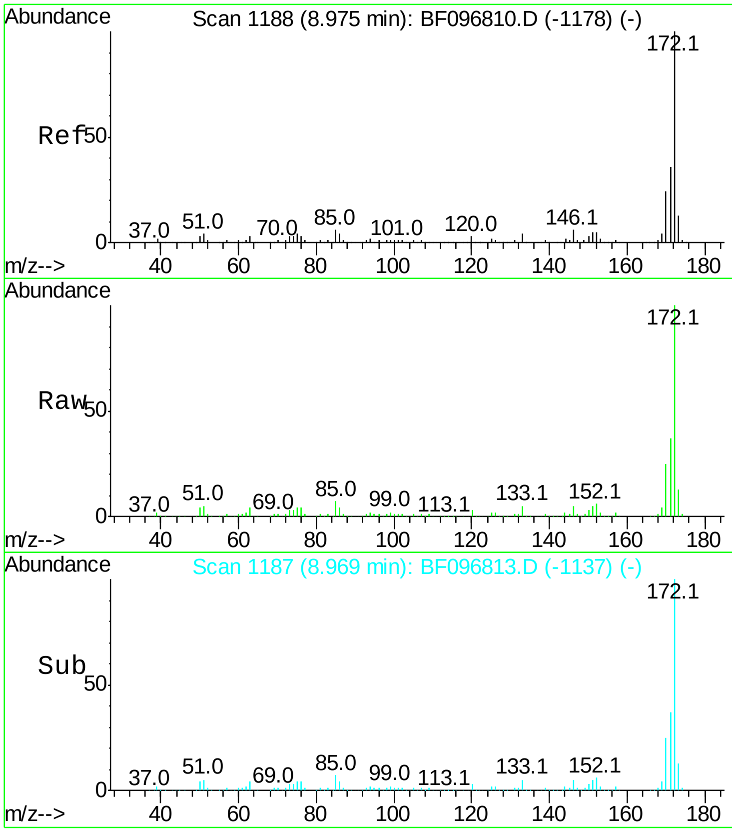


#41
2,4,6-Tribromophenol
Concen: 91.438 ng
RT: 10.42 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Tgt Ion:330 Resp: 150342

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	36.6	31.4	47.2



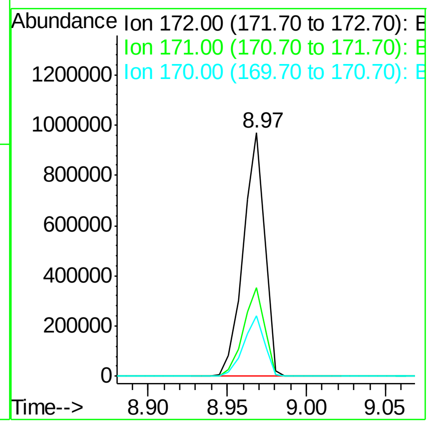


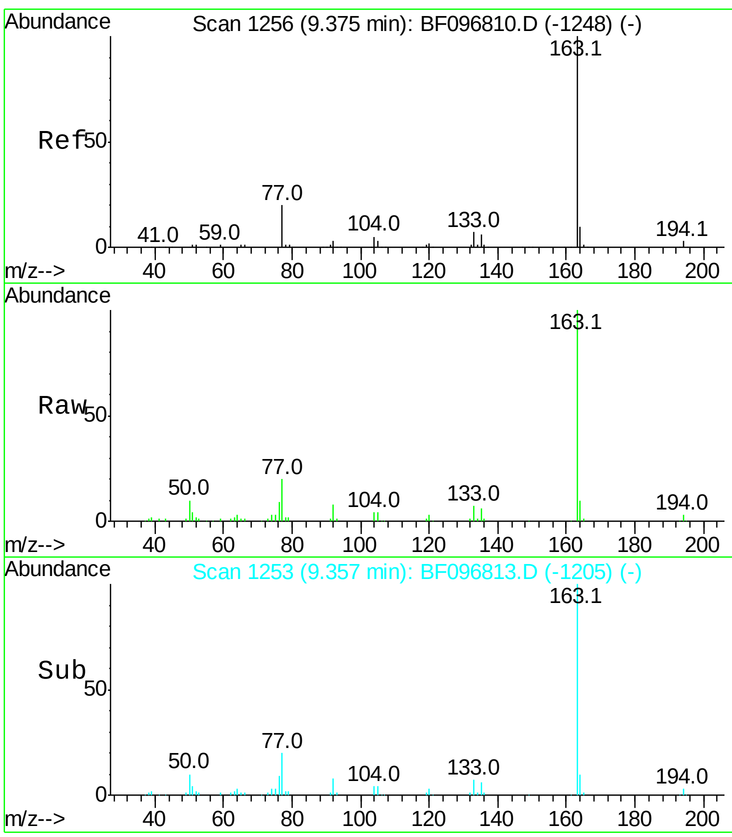
#44
2-Fluorobiphenyl
Concen: 74.200 ng
RT: 8.97 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Instrument :
BNA_F
ClientSampleId :
SOUTH-GAS-SIDEWALL

Tgt Ion:172 Resp: 904641

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.8	19.8	29.8

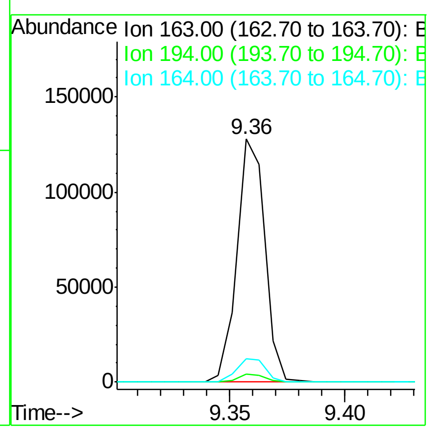


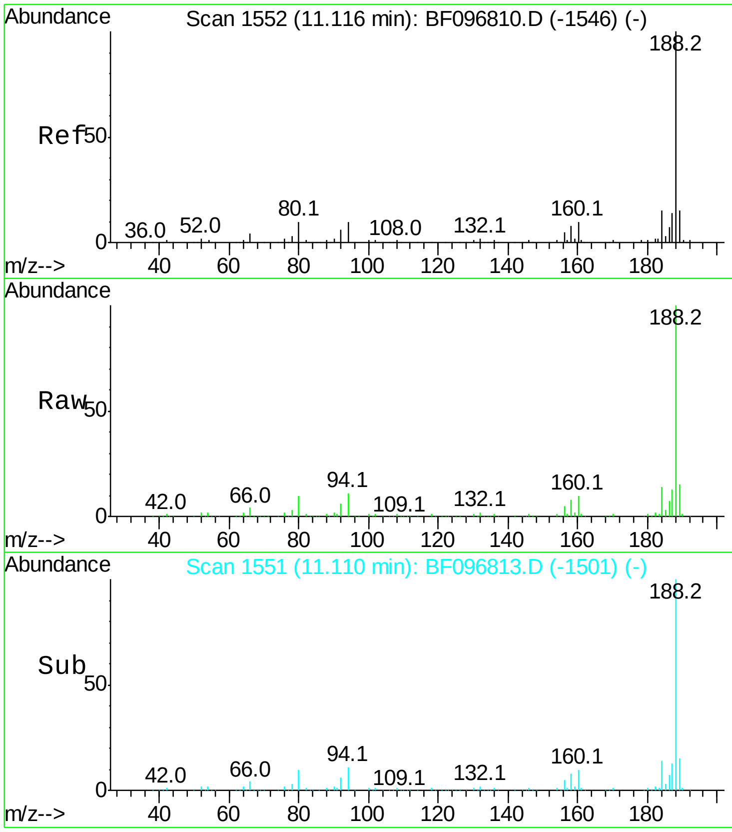


#49
Dimethylphthalate
Concen: 7.460 ng
RT: 9.36 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Tgt Ion:163 Resp: 108193

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.5	8.4	12.6



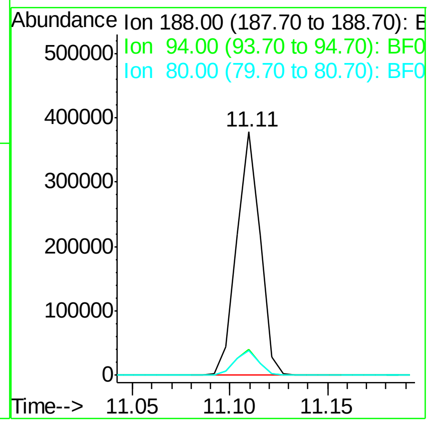


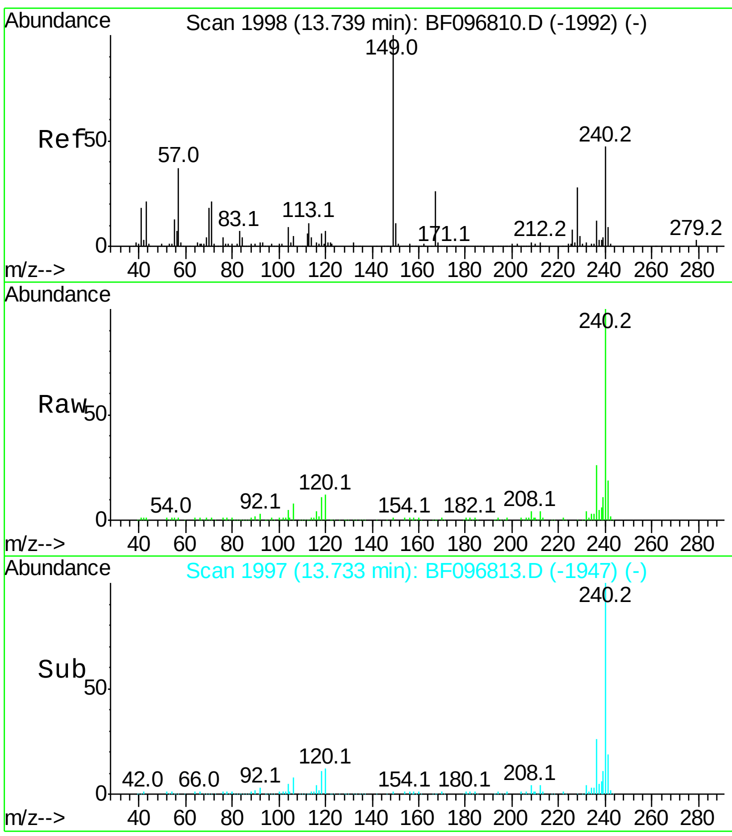
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Instrument :
BNA_F
ClientSampleId :
SOUTH-GAS-SIDEWALL

Tgt Ion:188 Resp: 316718

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.3	10.2	15.2

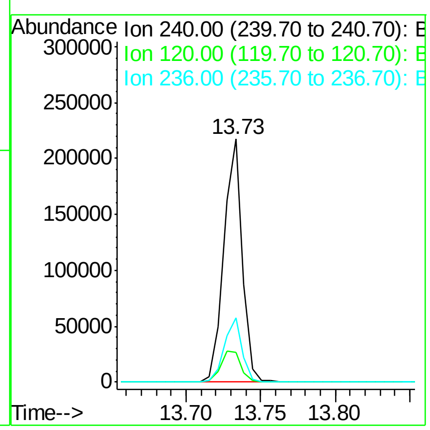


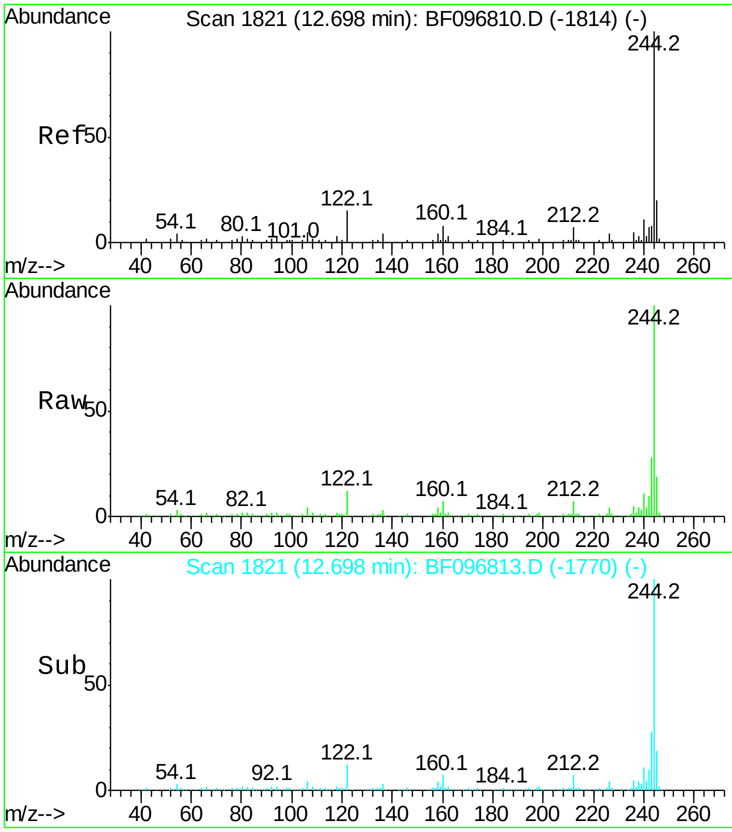


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Tgt Ion:240 Resp: 190460

Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.8	8.8#
236	26.5	20.5	30.7



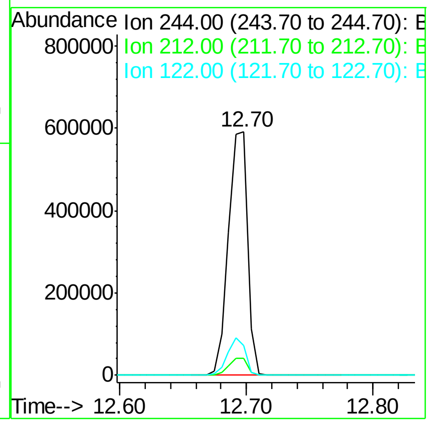


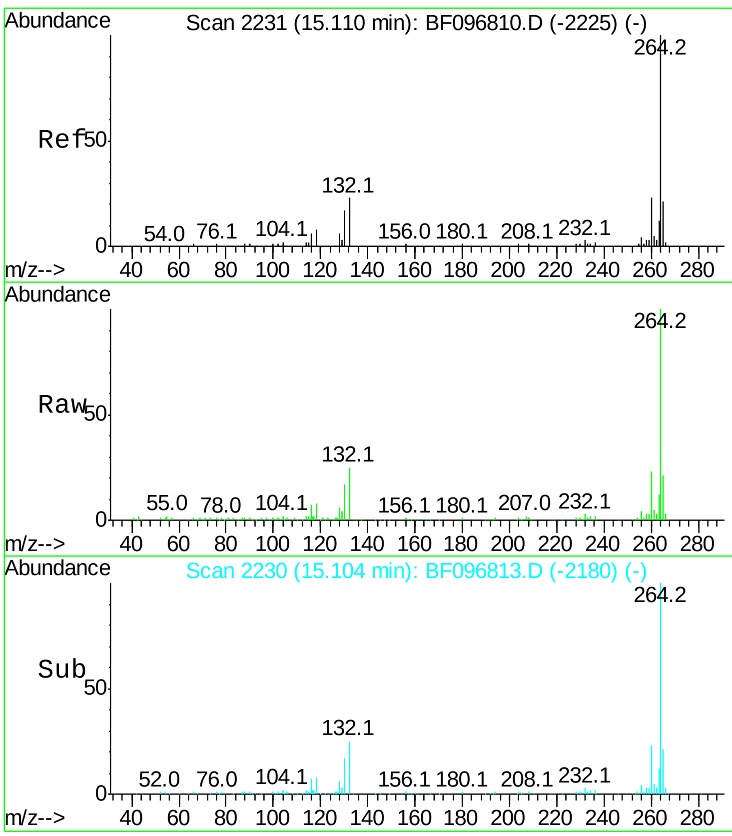
#78
Terphenyl-d14
Concen: 56.469 ng
RT: 12.70 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Instrument : BNA_F
ClientSampleId : SOUTH-GAS-SIDEWALL

Tgt Ion:244 Resp: 620155

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	12.3	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Tgt Ion:264 Resp: 185797

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.2	17.2	25.8