Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096613.D
Acq On : 10 Jul 2017 20:53
Operator : SJ/JU
Sample : I4084-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP9-MH2108-COMP

Quant Time: Jul 11 03:57:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	111181	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	462180	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	210369	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	377311	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	276896	20.00	ng	-0.03
86) Perylene-d12	15.22	264	194163	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	698773	92.76	ng	-0.01
7) Phenol-d6	6.32	99	840503	90.76	ng	-0.02
23) Nitrobenzene-d5	7.24	82	503315	65.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	174500	106.19	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	775386	63.02	ng	-0.02
78) Terphenyl-d14	12.77	244	624609	48.20	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.33	94	23658	2.24	ng	87
49) Dimethylphthalate	9.43	163	127617	8.13	ng	99

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

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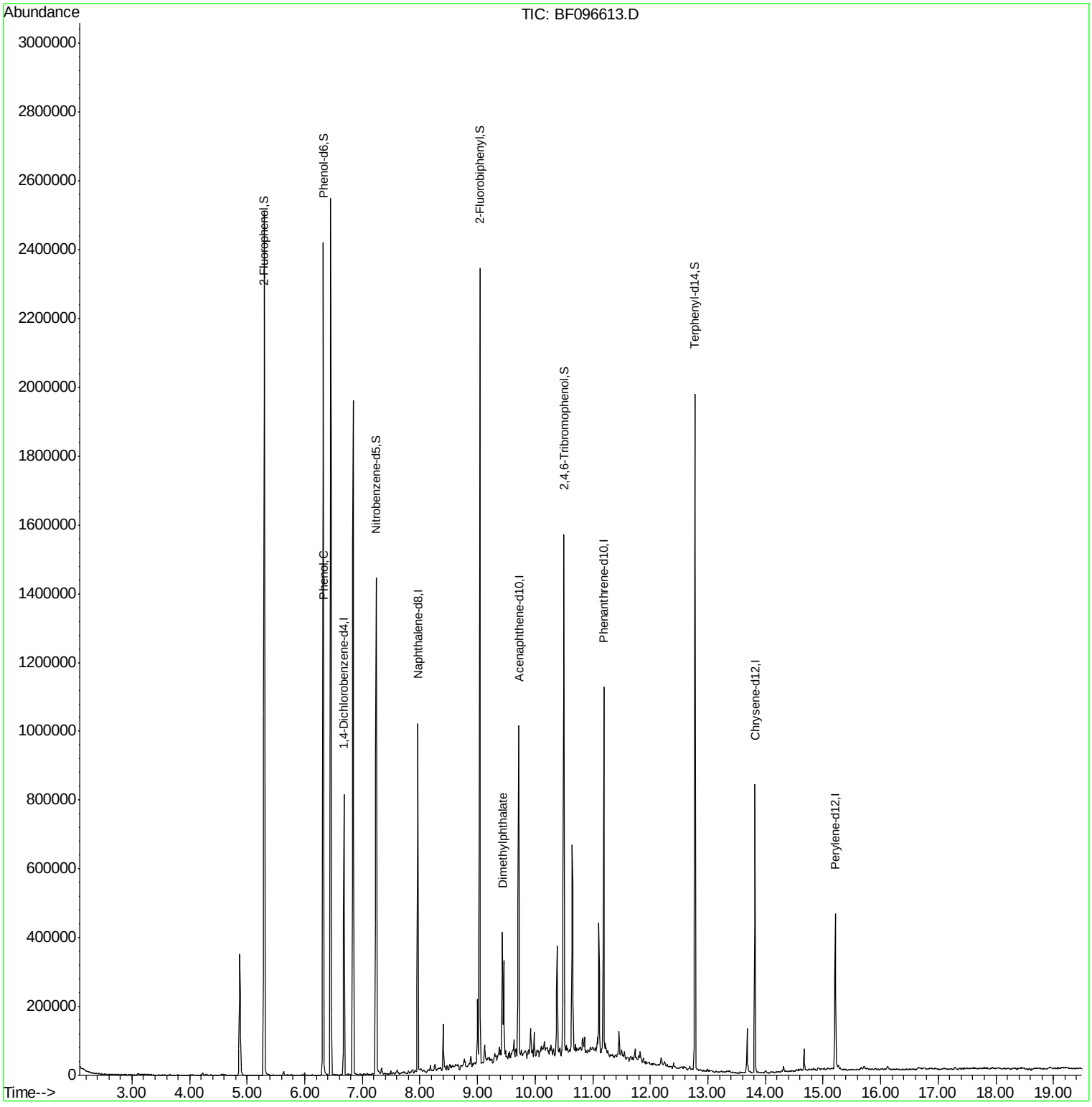
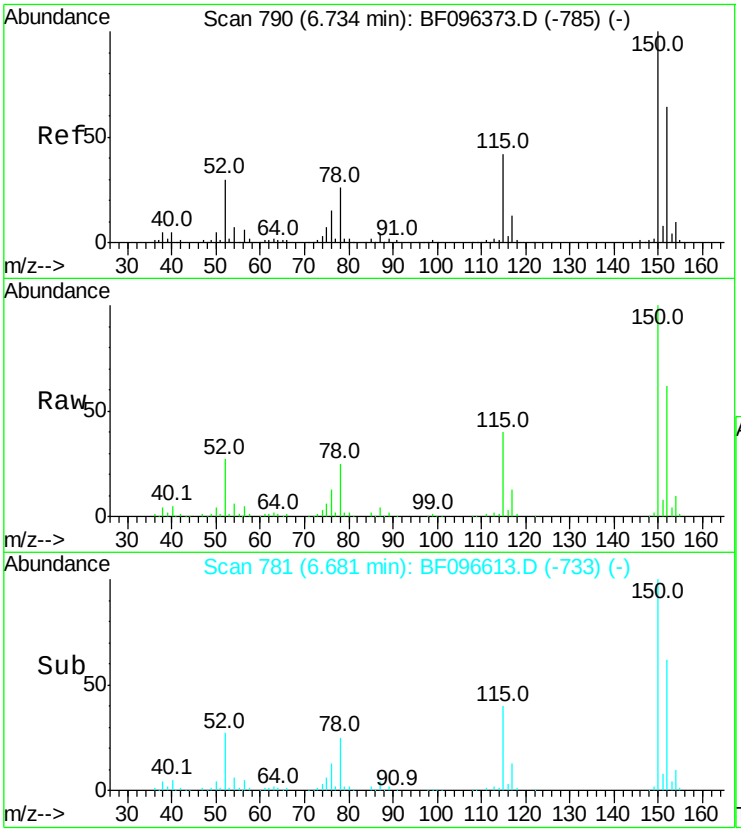


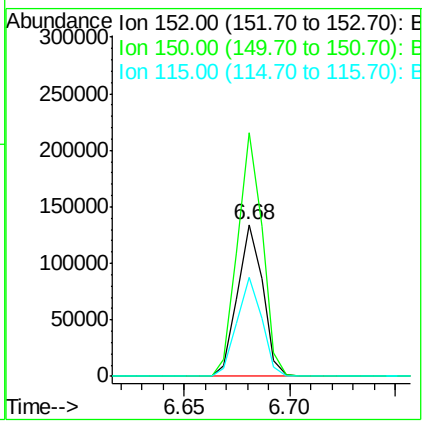


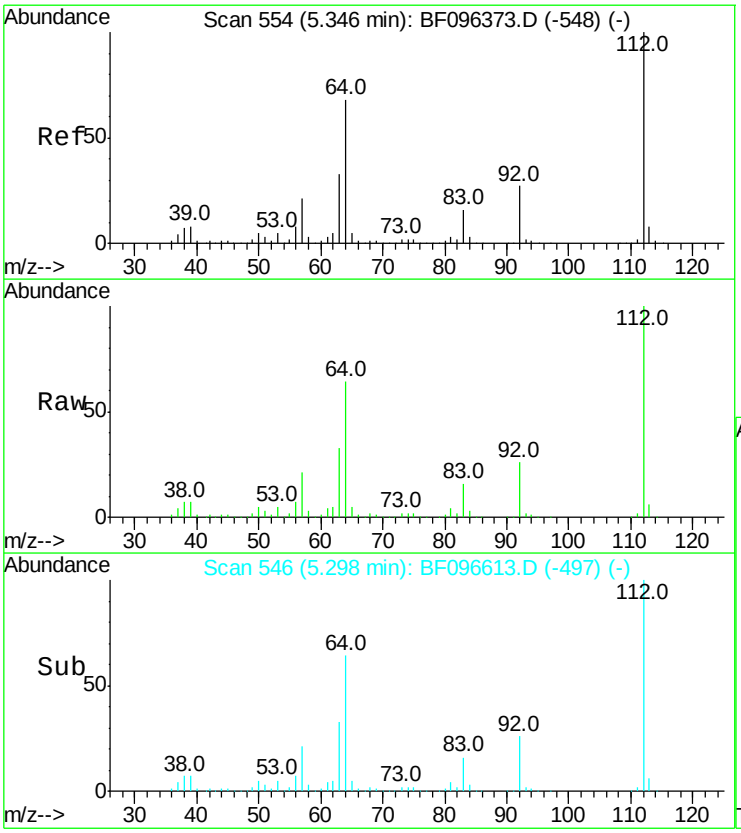
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion:152 Resp: 111181

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	64.8	52.2	78.2

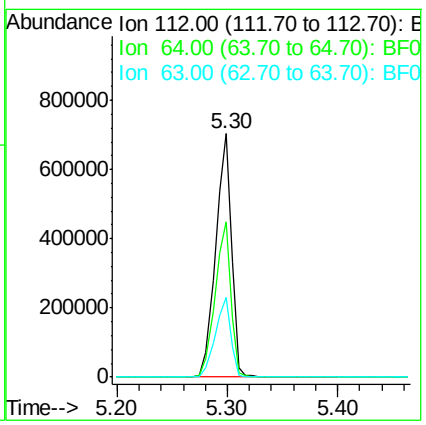


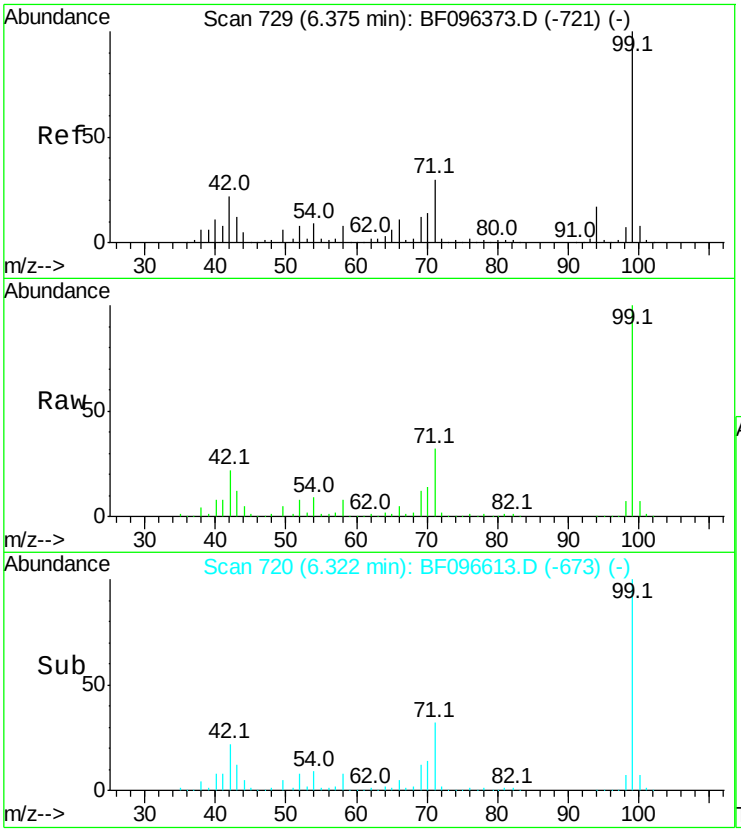


#5
2-Fluorophenol
Concen: 92.76 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion:112 Resp: 698773

Ion	Ratio	Lower	Upper
112	100		
64	63.6	46.0	69.0
63	32.8	23.4	35.0



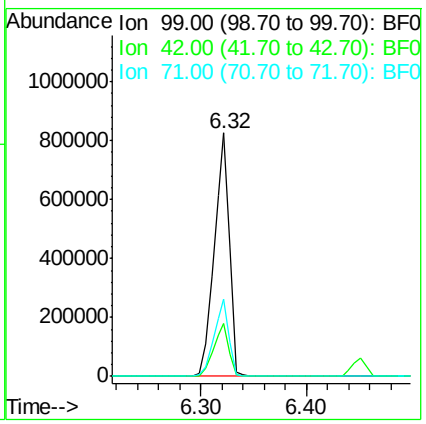


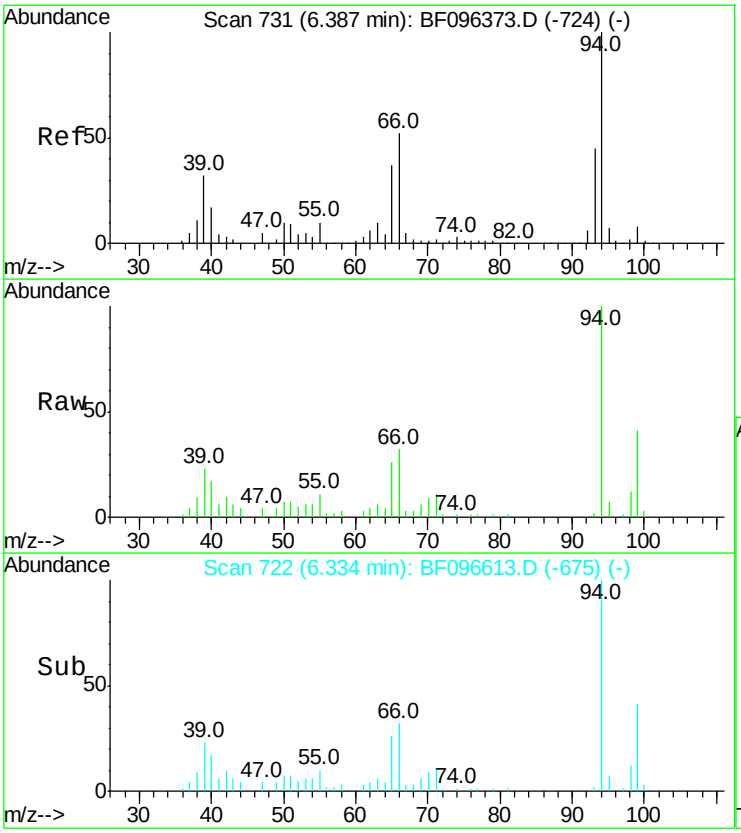
#7
Phenol-d6
Concen: 90.76 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion: 99 Resp: 840503

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	31.8	24.5	36.7

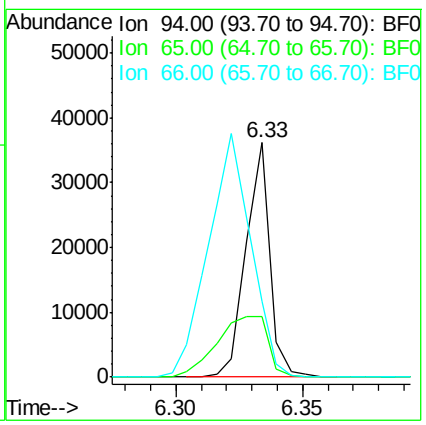


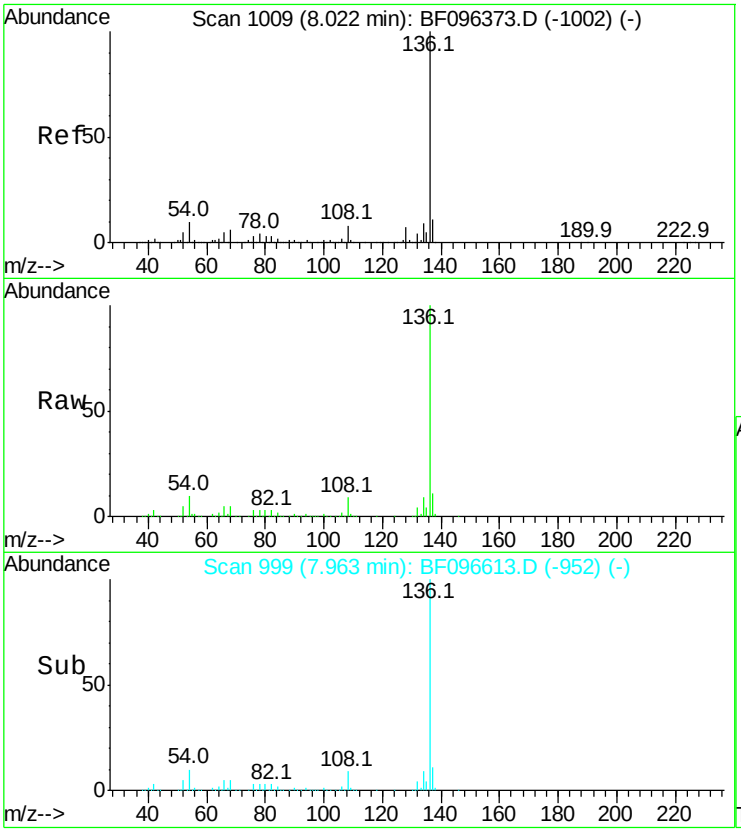


#10
Phenol
Concen: 2.24 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion: 94 Resp: 23658

Ion	Ratio	Lower	Upper
94	100		
65	26.0	9.9	49.9
66	32.3	23.1	63.1



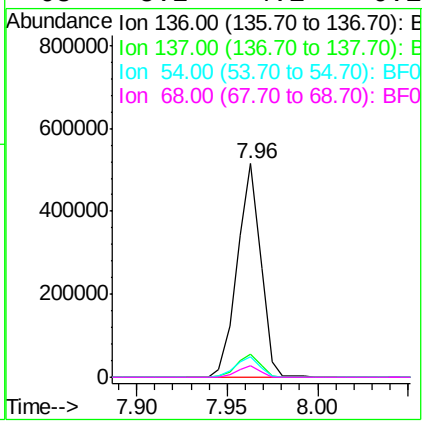


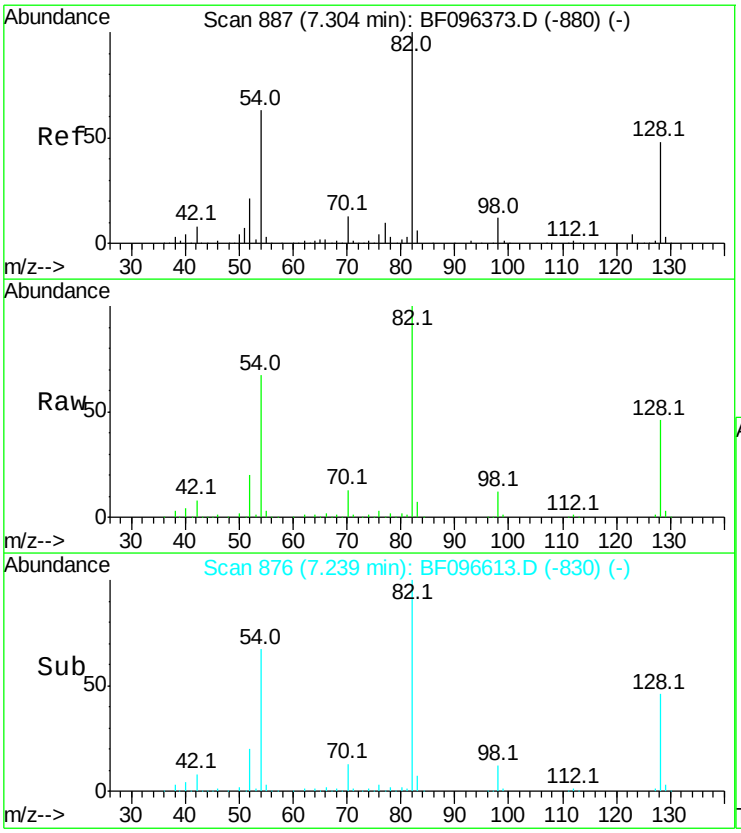
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion:136 Resp: 462180

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.6	4.9	7.3#
68	5.2	4.1	6.1

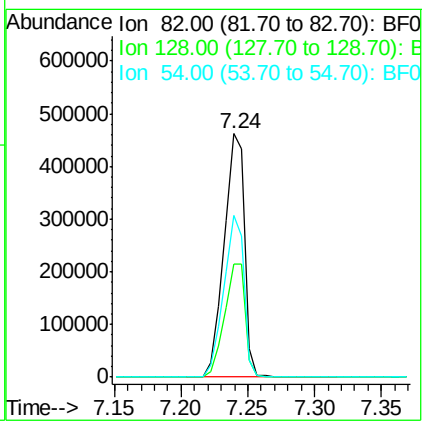


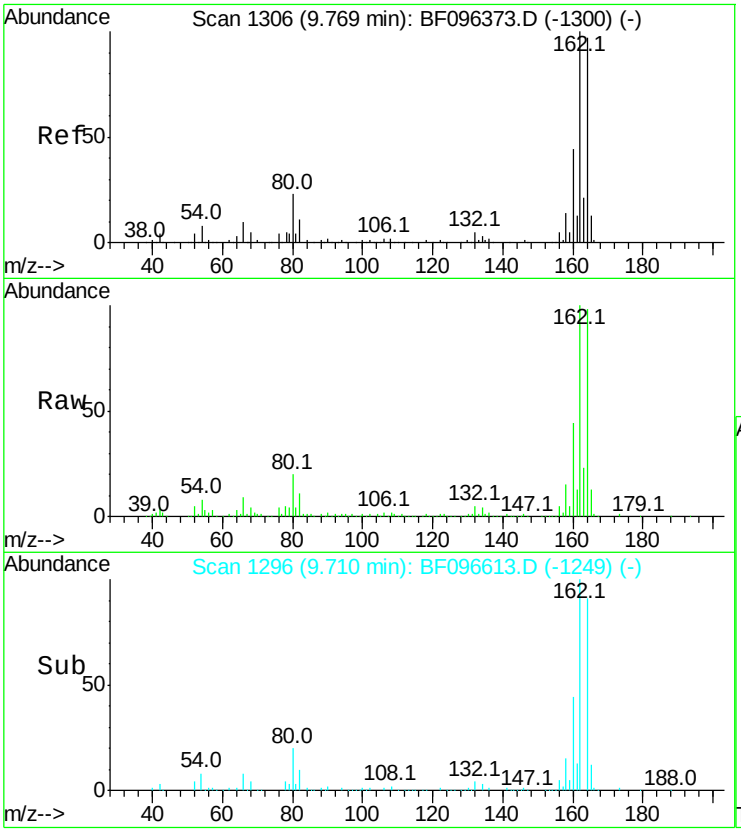


#23
Nitrobenzene-d5
Concen: 65.44 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion: 82 Resp: 503315

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	66.6	42.2	63.2#



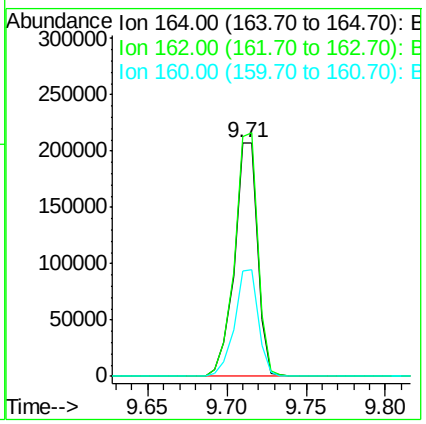


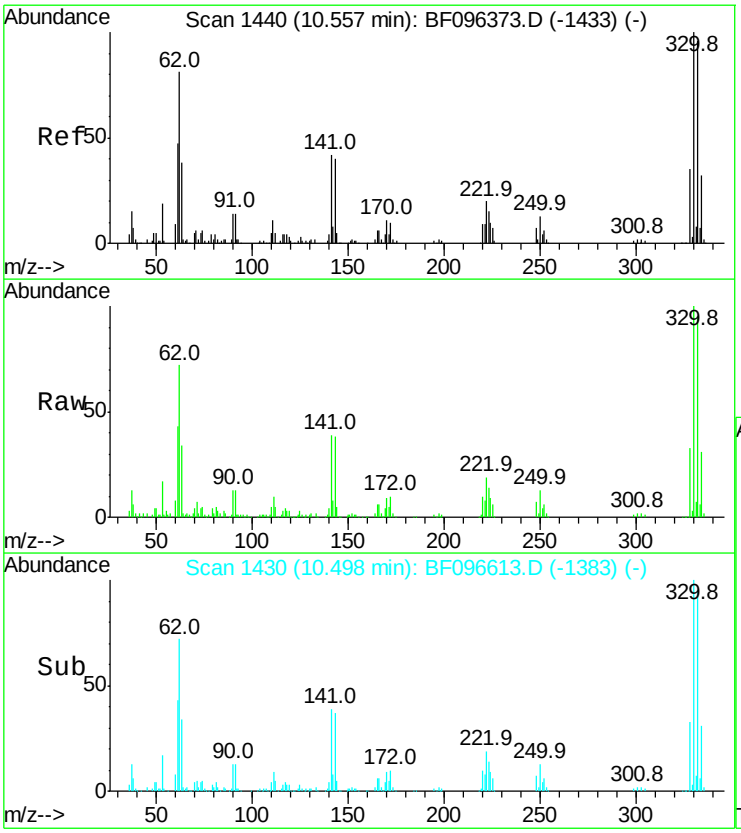
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion:164 Resp: 210369

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	45.0	36.2	54.2

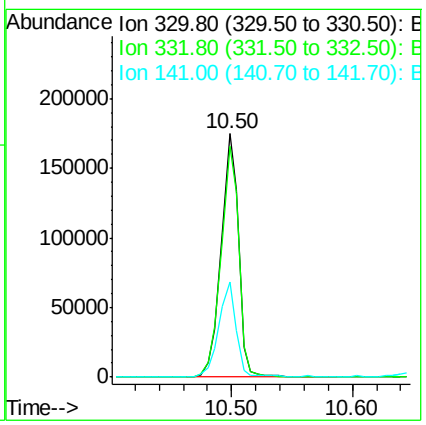


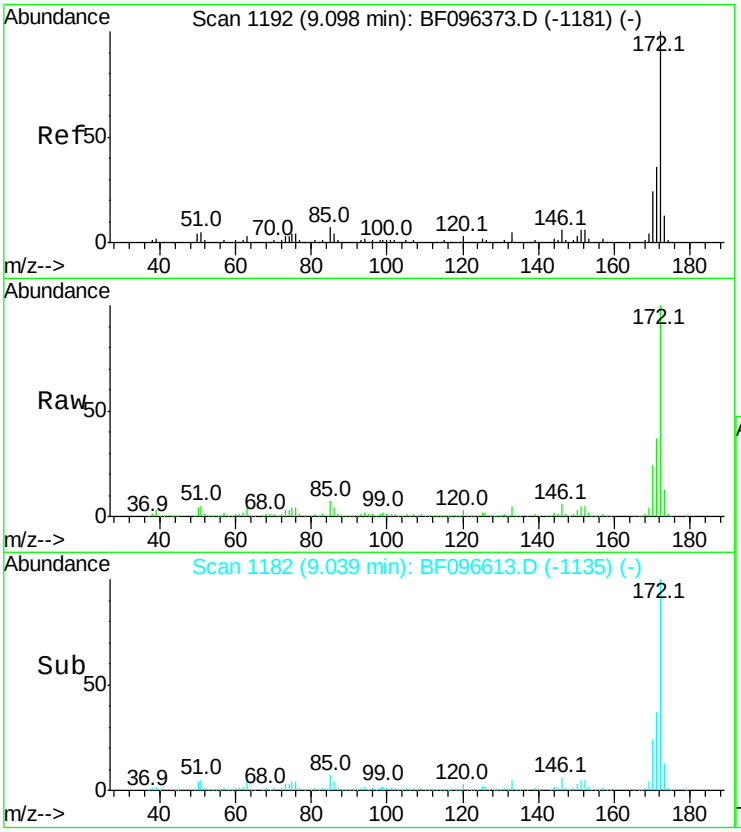


#41
2,4,6-Tribromophenol
Concen: 106.19 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion:330 Resp: 174500

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	39.6	31.4	47.2



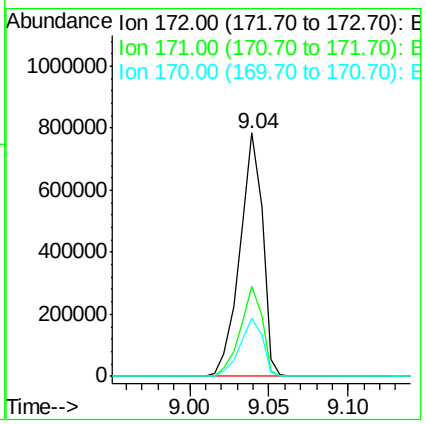


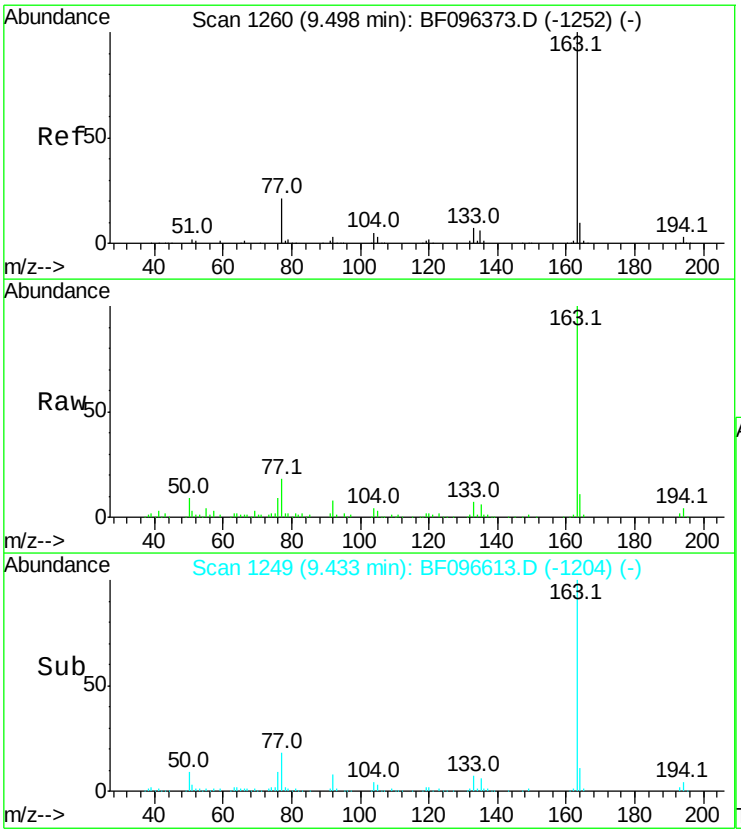
#44
2-Fluorobiphenyl
Concen: 63.02 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion:172 Resp: 775386

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.8	19.8	29.8

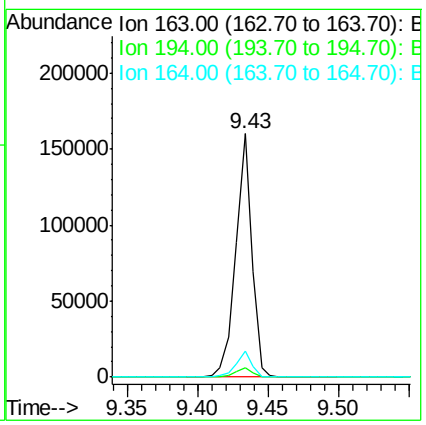


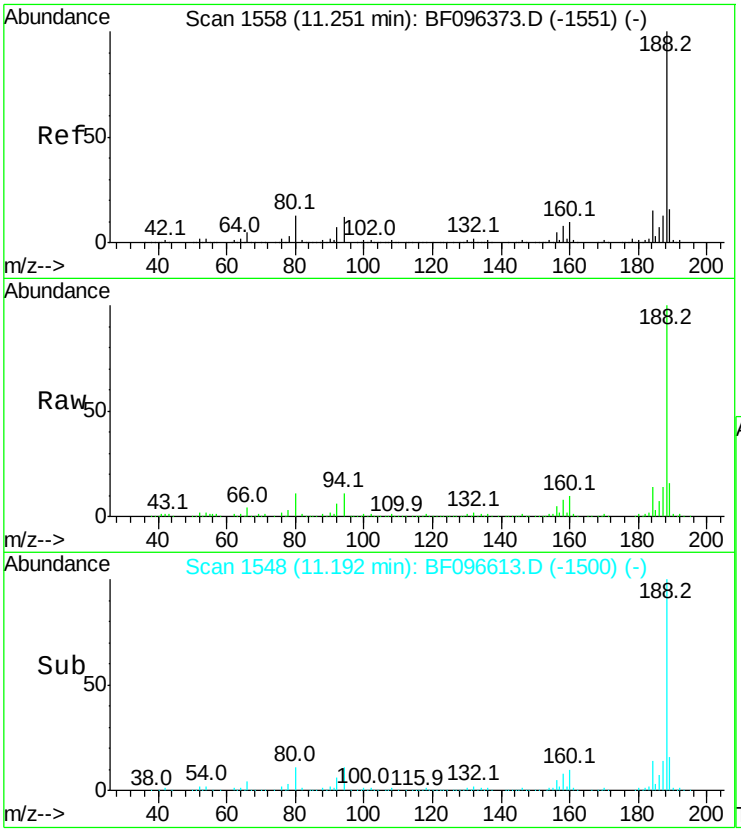


#49
Dimethylphthalate
Concen: 8.13 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion:163 Resp: 127617

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0
164	10.5	8.4	12.6



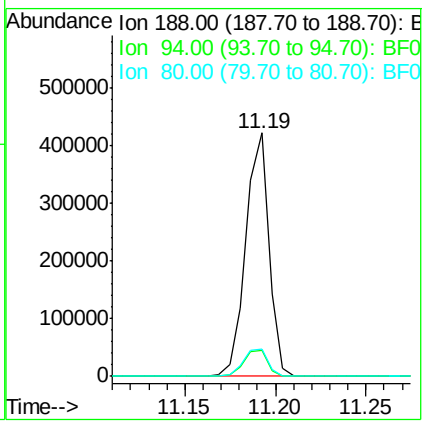


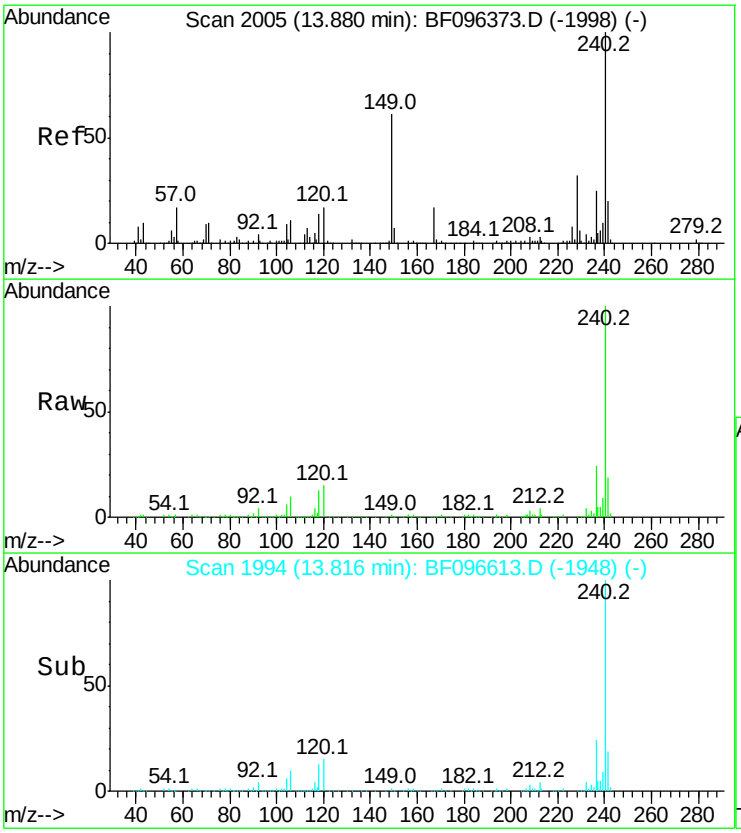
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion:188 Resp: 377311

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.1	10.2	15.2

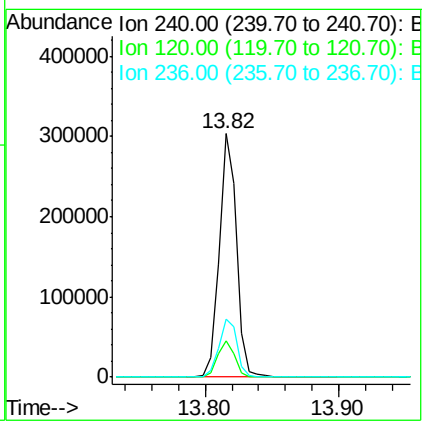


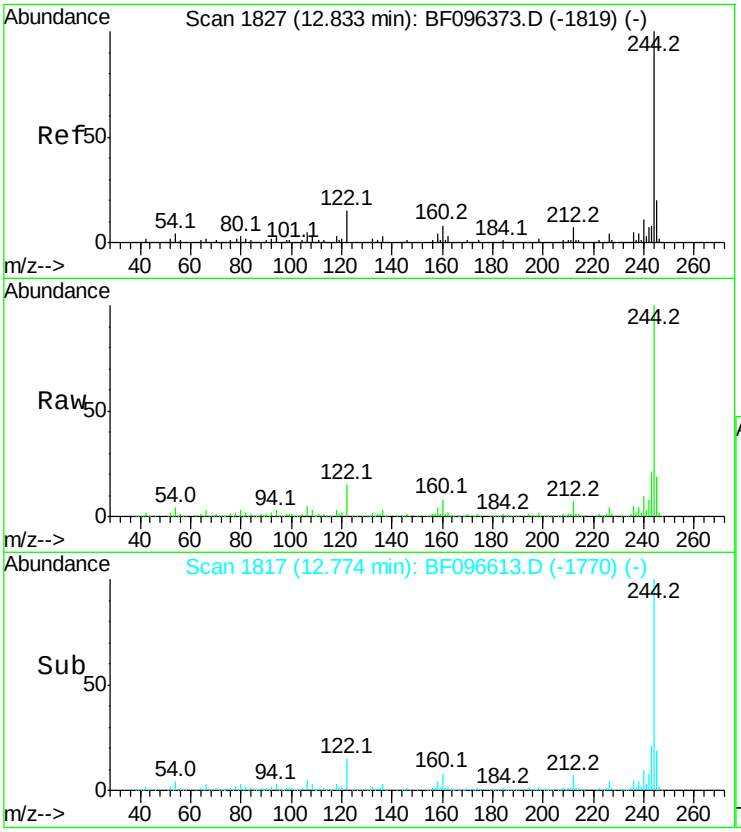


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion:240 Resp: 276896

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	24.0	20.5	30.7



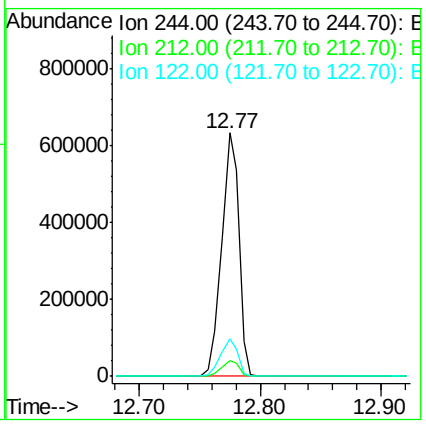


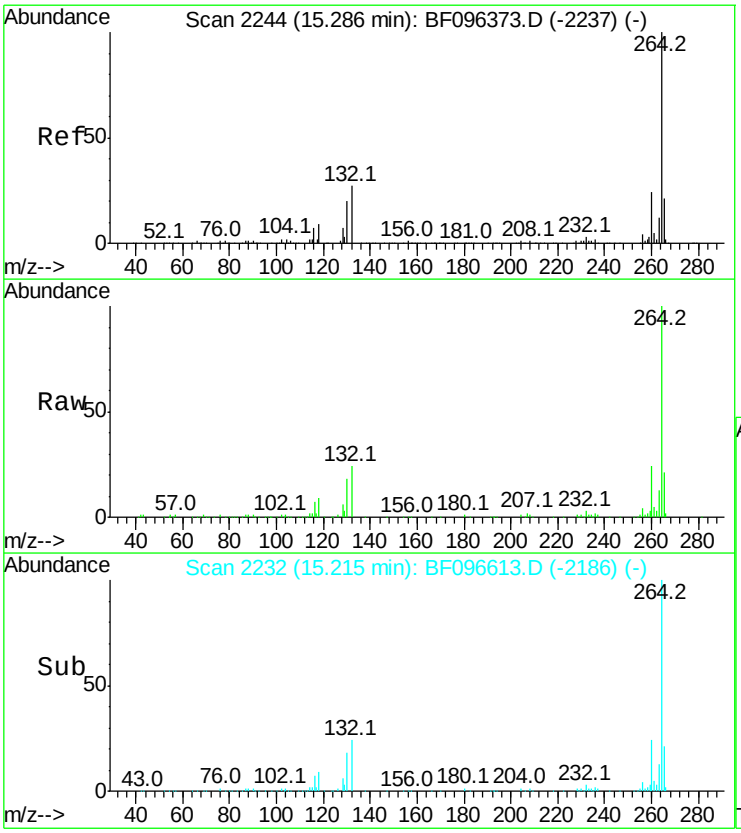
#78
Terphenyl-d14
Concen: 48.20 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion:244 Resp: 624609

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.4	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion:264 Resp: 194163

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.3	17.2	25.8