Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086759.D
Acq On : 7 May 2016 8:03
Operator : UM/SJ
Sample : H2863-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-MICHELINI-001

Quant Time: May 07 23:13:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	166448	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	657234	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	320668	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	600391	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	410740	40.00	ng	-0.03
86) Perylene-d12	15.22	264	309587	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1155749	114.95	ng	-0.01
7) Phenol-d6	6.36	99	1492166	110.17	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1132076	88.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	463182	147.66	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1833182	93.71	ng	-0.03
78) Terphenyl-d14	12.81	244	1582025	77.84	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	339542	14.20	ng	99

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

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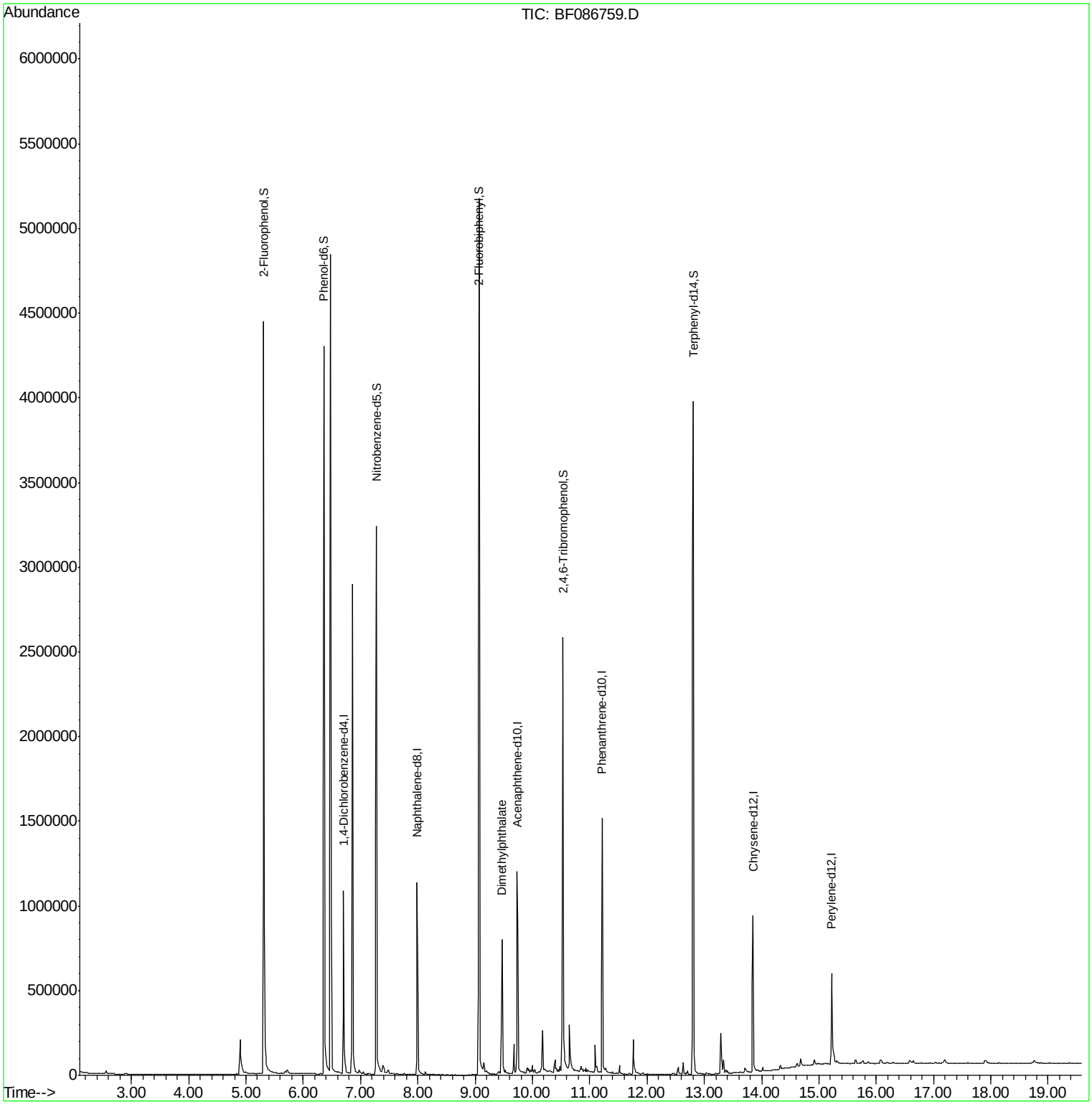
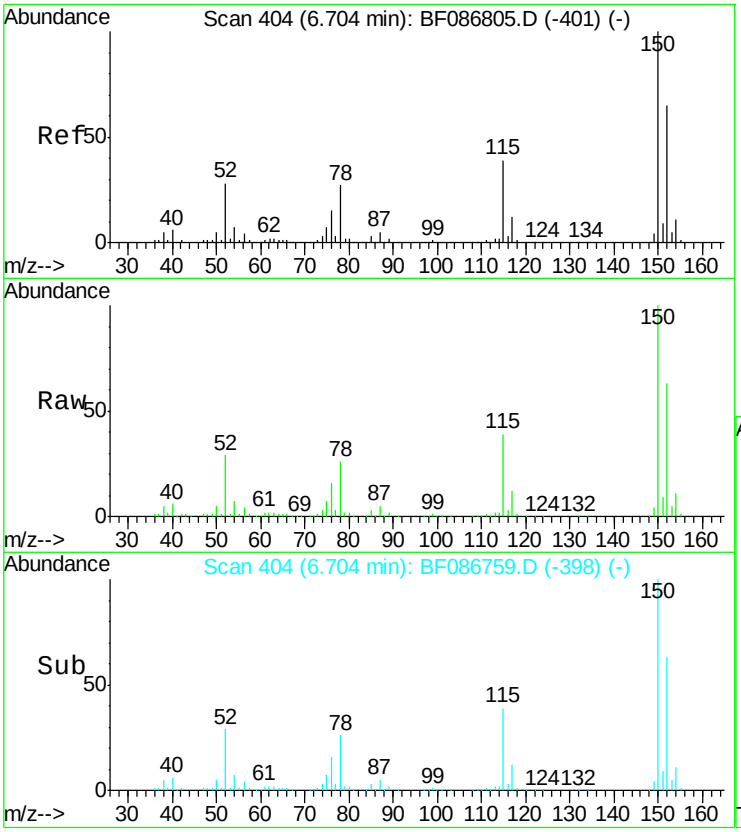


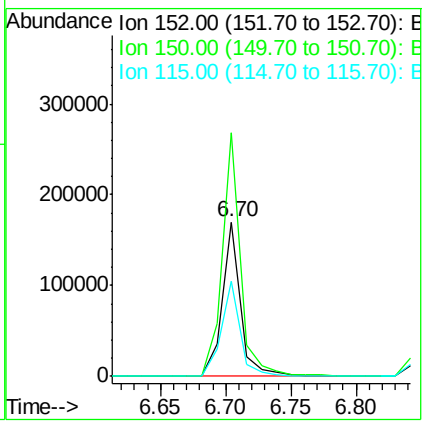


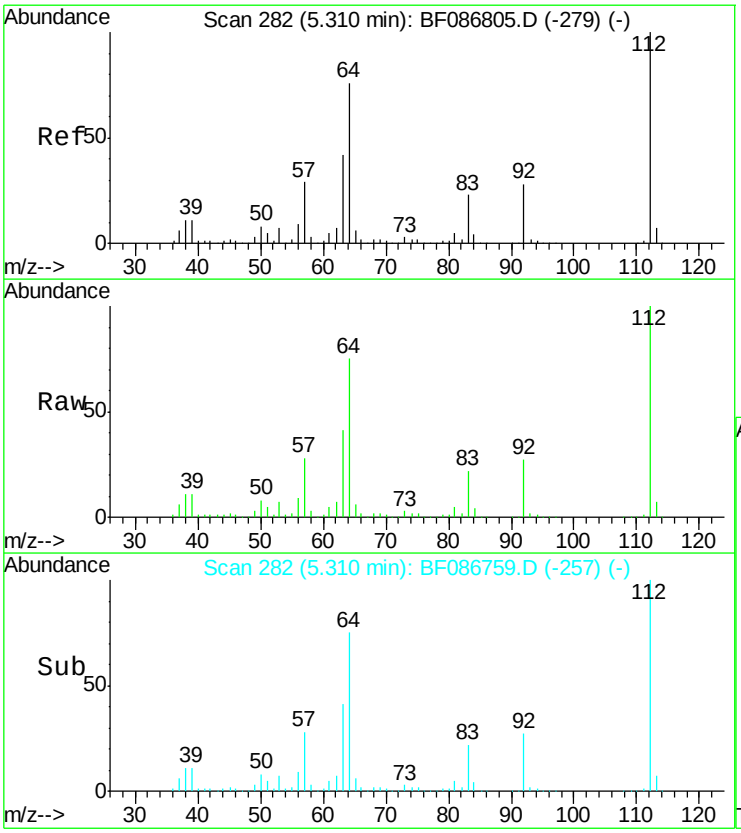
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001

Tgt Ion:152 Resp: 166448

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.8	188.6
115	61.3	51.5	77.3

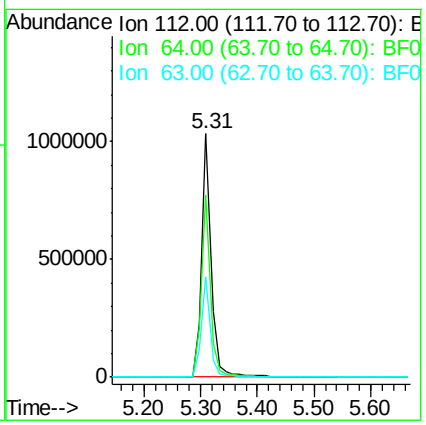


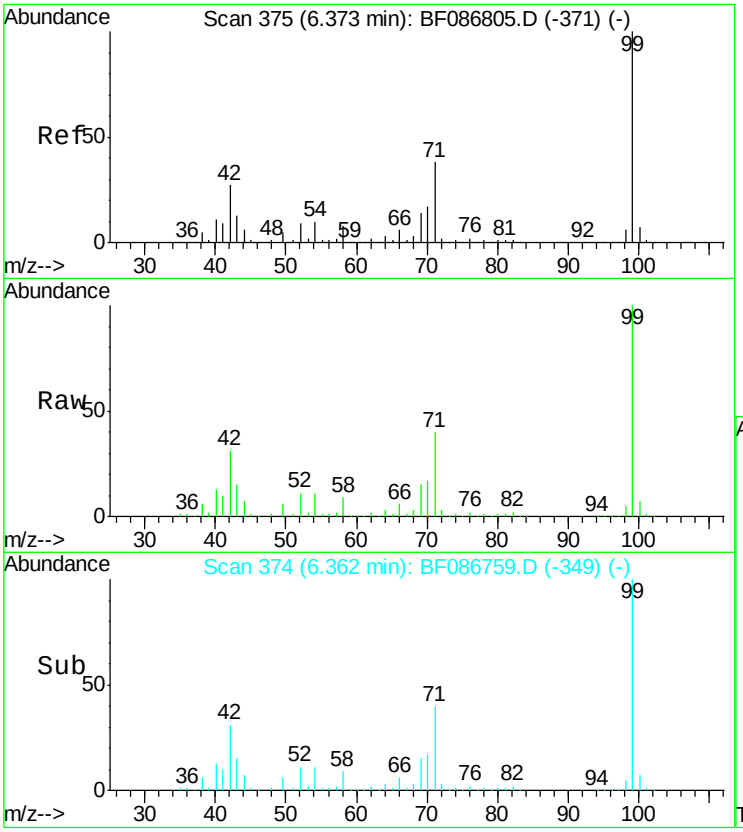


#5
2-Fluorophenol
Concen: 114.95 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Tgt Ion:112 Resp: 1155749

Ion	Ratio	Lower	Upper
112	100		
64	74.9	52.1	78.1
63	41.3	25.7	38.5#



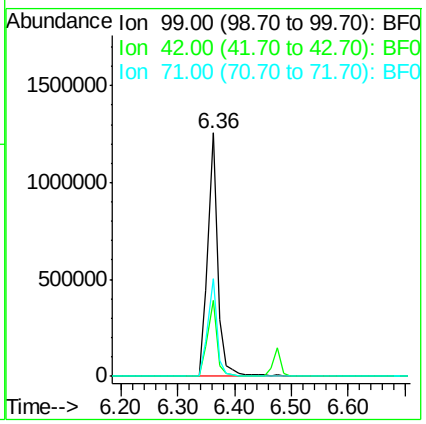


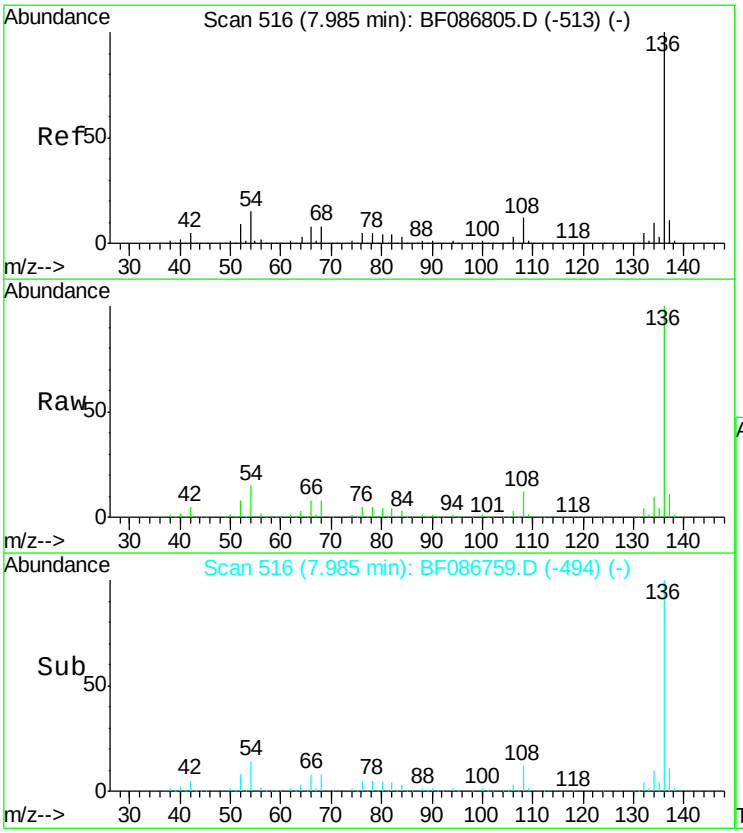
#7
Phenol-d6
Concen: 110.17 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001

Tgt Ion: 99 Resp: 1492166

Ion	Ratio	Lower	Upper
99	100		
42	31.1	13.6	20.4#
71	40.4	24.6	36.8#

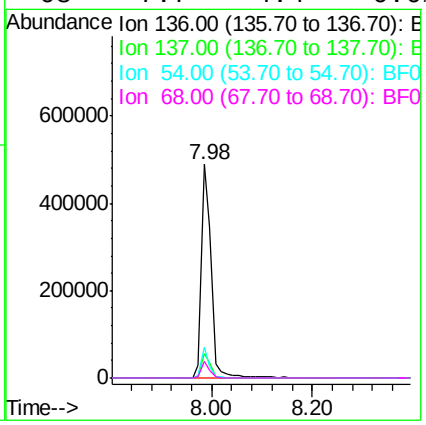


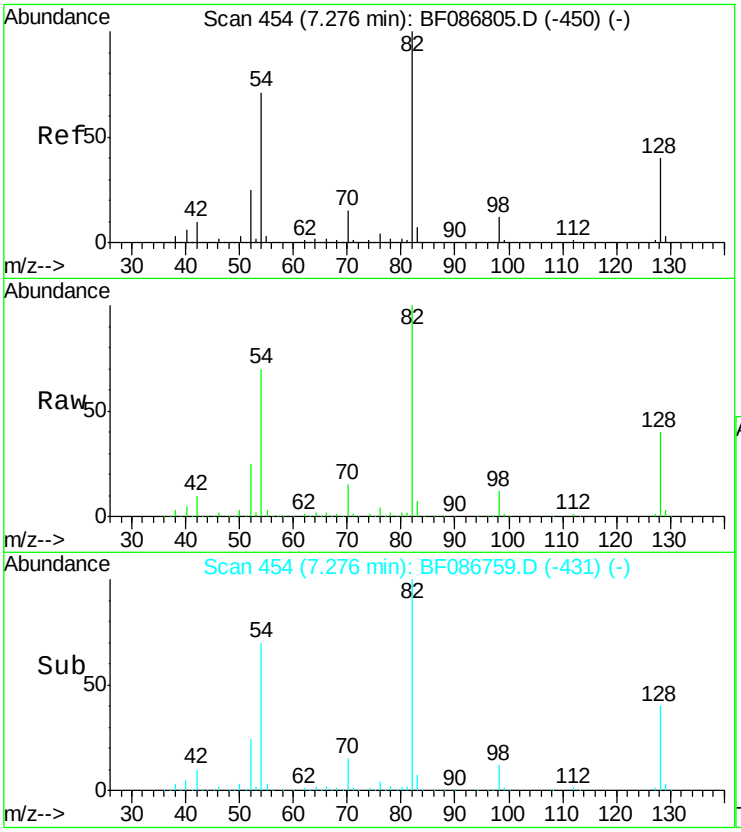


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Tgt Ion:136 Resp: 657234

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.5	5.0	7.4#
68	7.7	4.4	6.6#



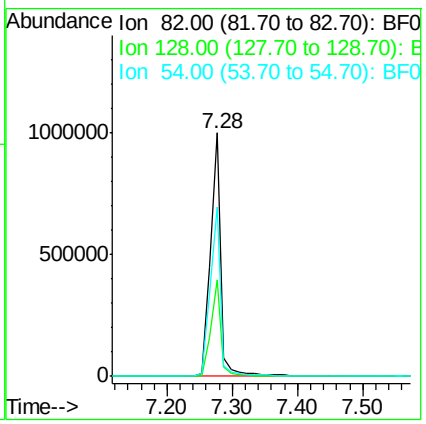


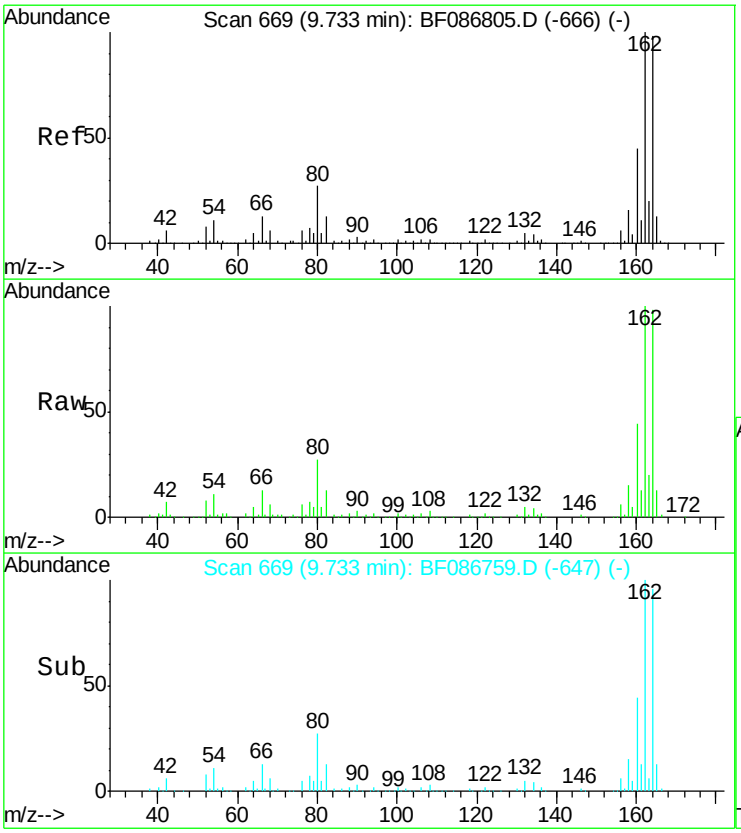
#23
Nitrobenzene-d5
Concen: 88.51 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001

Tgt Ion: 82 Resp: 1132076

Ion	Ratio	Lower	Upper
82	100		
128	39.6	40.6	61.0#
54	69.8	38.1	57.1#

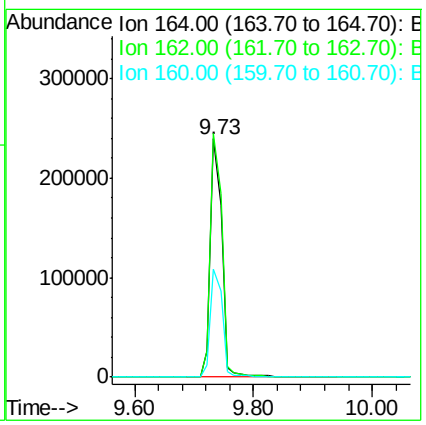


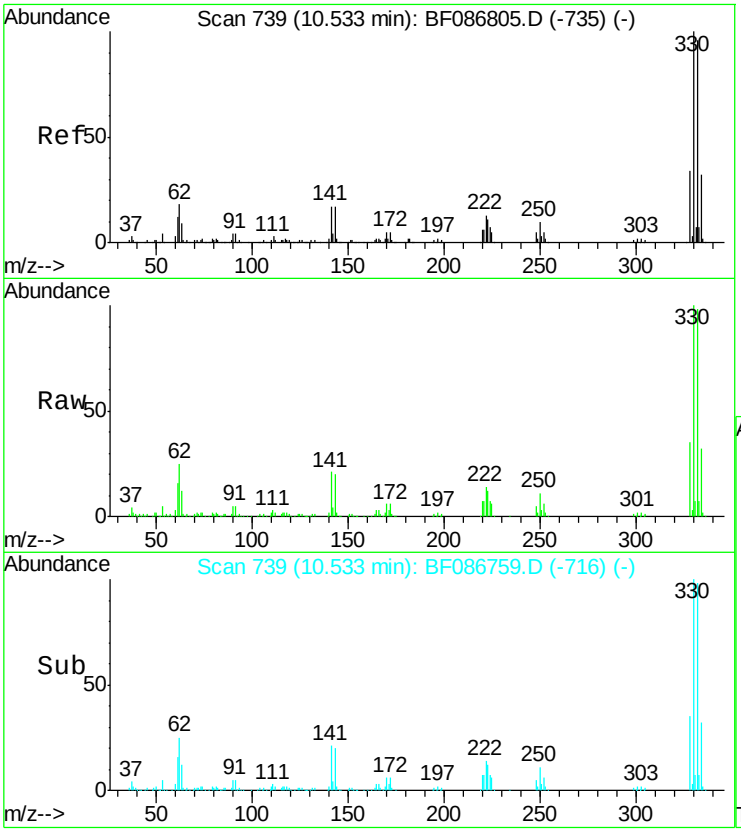


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Tgt Ion:164 Resp: 320668

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	45.2	36.9	55.3



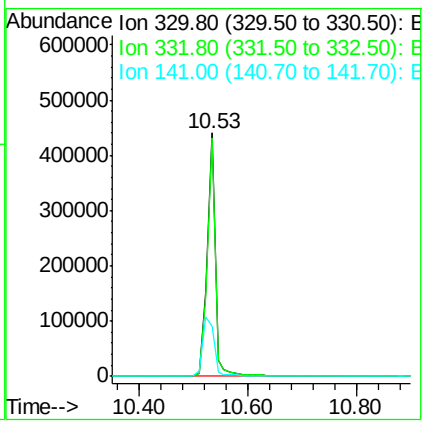


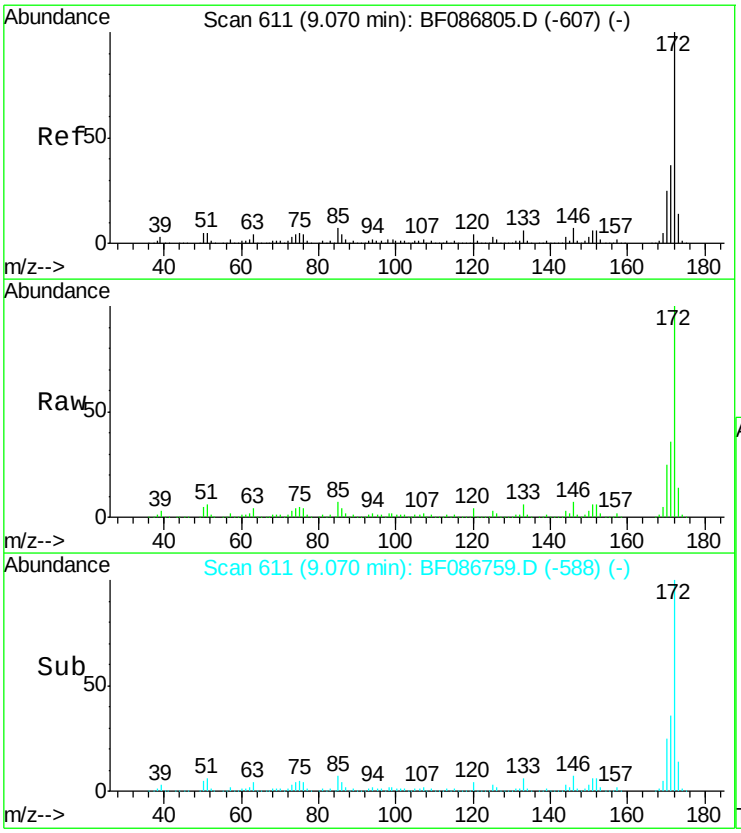
#41
2,4,6-Tribromophenol
Concen: 147.66 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001

Tgt Ion:330 Resp: 463182

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	33.9	31.2	46.8

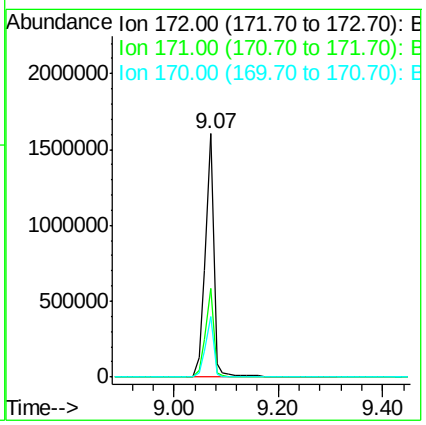


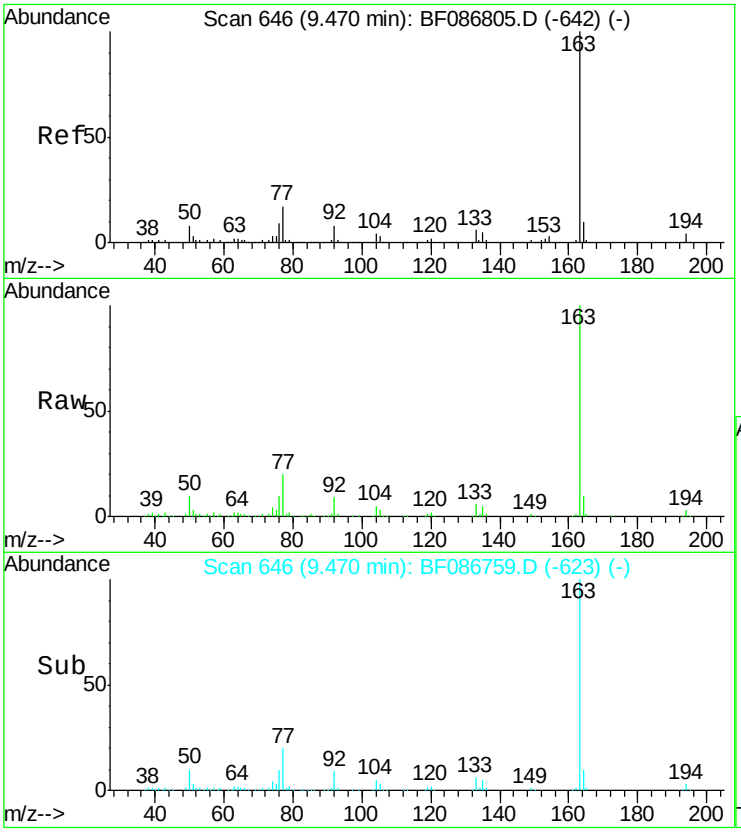


#44
2-Fluorobiphenyl
Concen: 93.71 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Tgt Ion:172 Resp: 1833182

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	25.1	19.8	29.8



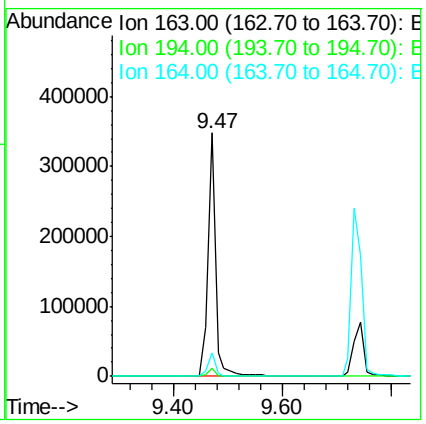


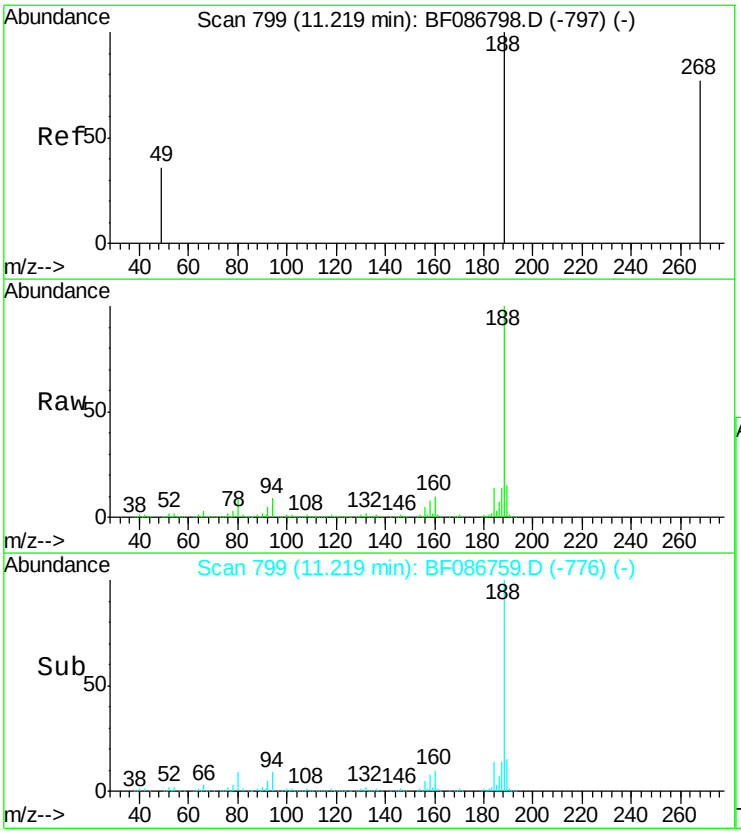
#49
Dimethylphthalate
Concen: 14.20 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001

Tgt Ion:163 Resp: 339542

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.2	12.4

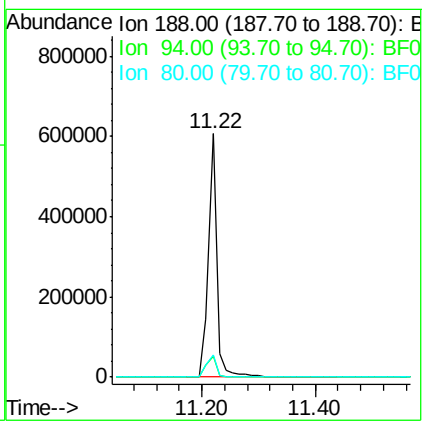


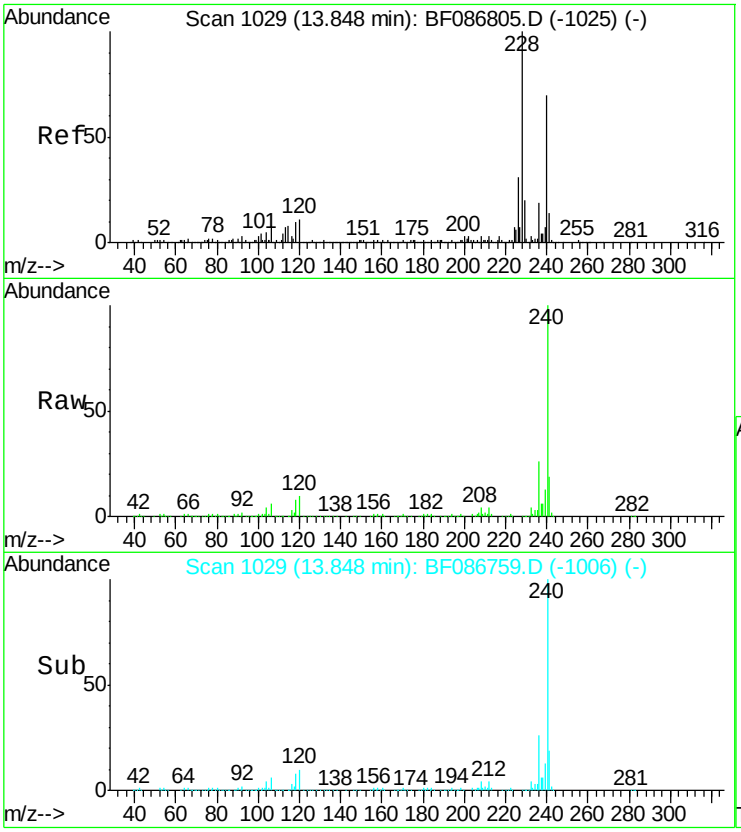


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Tgt Ion:188 Resp: 600391

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.1	7.1	10.7



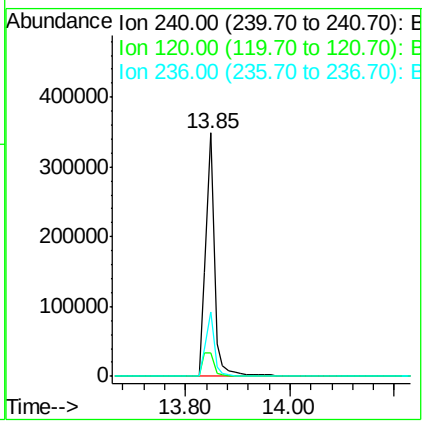


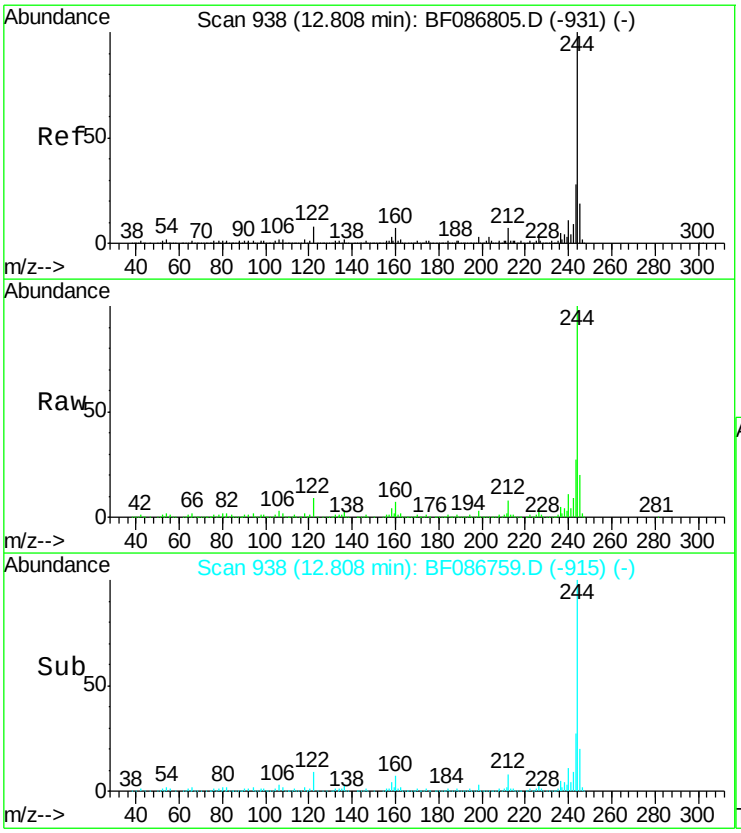
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001

Tgt Ion:240 Resp: 410740

Ion	Ratio	Lower	Upper
240	100		
120	9.8	11.2	16.8#
236	26.3	21.2	31.8

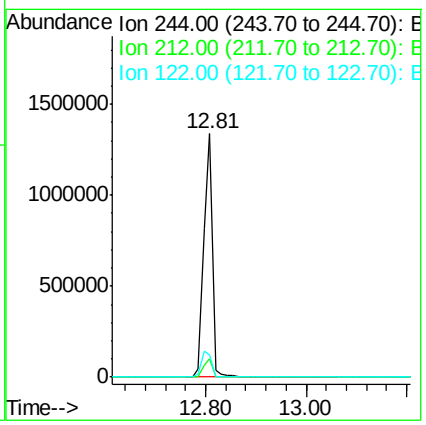


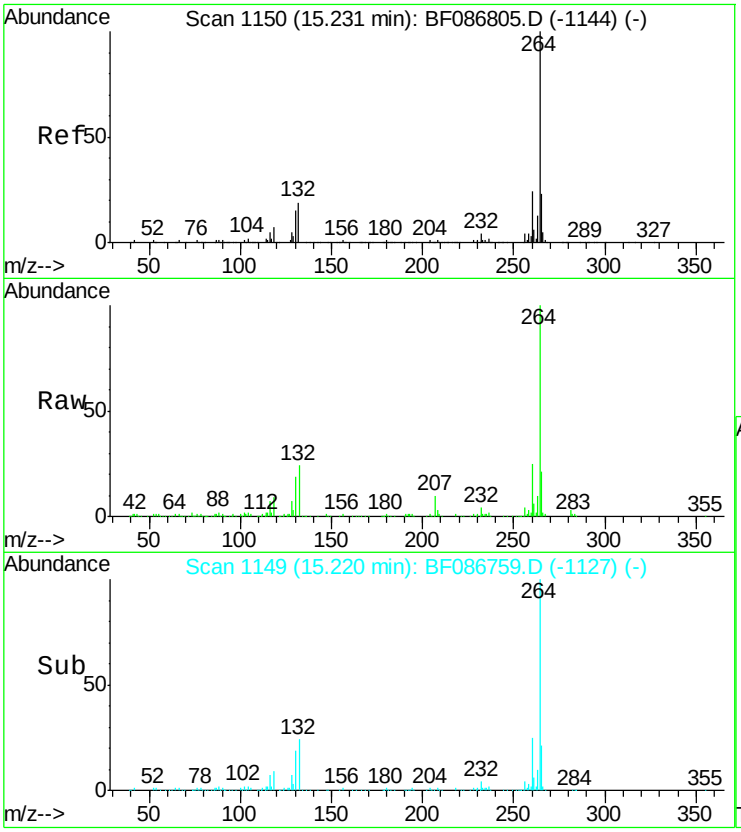


#78
Terphenyl-d14
Concen: 77.84 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.03 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Tgt Ion:244 Resp: 1582025

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.1	12.0	18.0#





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001

Tgt Ion:264 Resp: 309587

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.3	17.3	25.9