Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-11(0-2)

Quant Time: Dec 09 05:57:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	156118	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	596557	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	268147	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	405361	20.00	ng	-0.01
75) Chrysene-d12	16.99	240	284724	20.00	ng	0.00
86) Perylene-d12	18.63	264	280635	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	1106296	107.48	ng	0.01
7) Phenol-d6	5.28	99	1542668	112.17	ng	0.00
23) Nitrobenzene-d5	6.52	82	946462	74.03	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	232306	97.24	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1060498	55.66	ng	-0.01
78) Terphenyl-d14	15.40	244	539057	44.55	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	5.90	79	19720	2.02	ng	# 42
19) n-Nitroso-di-n-propylamine	6.52	70	121555	12.66	ng	# 80
22) Acetophenone	6.32	105	103889	6.21	ng	# 98
49) Dimethylphthalate	10.03	163	325599	15.25	ng	97
64) 4,6-Dinitro-2-methylphenol	11.68	198	347	2.07	ng	# 1
87) Benzo(b)fluoranthene	18.26	252	44573	2.79	ng	# 89
88) Benzo(k)fluoranthene	18.26	252	44573	2.53	ng	# 93

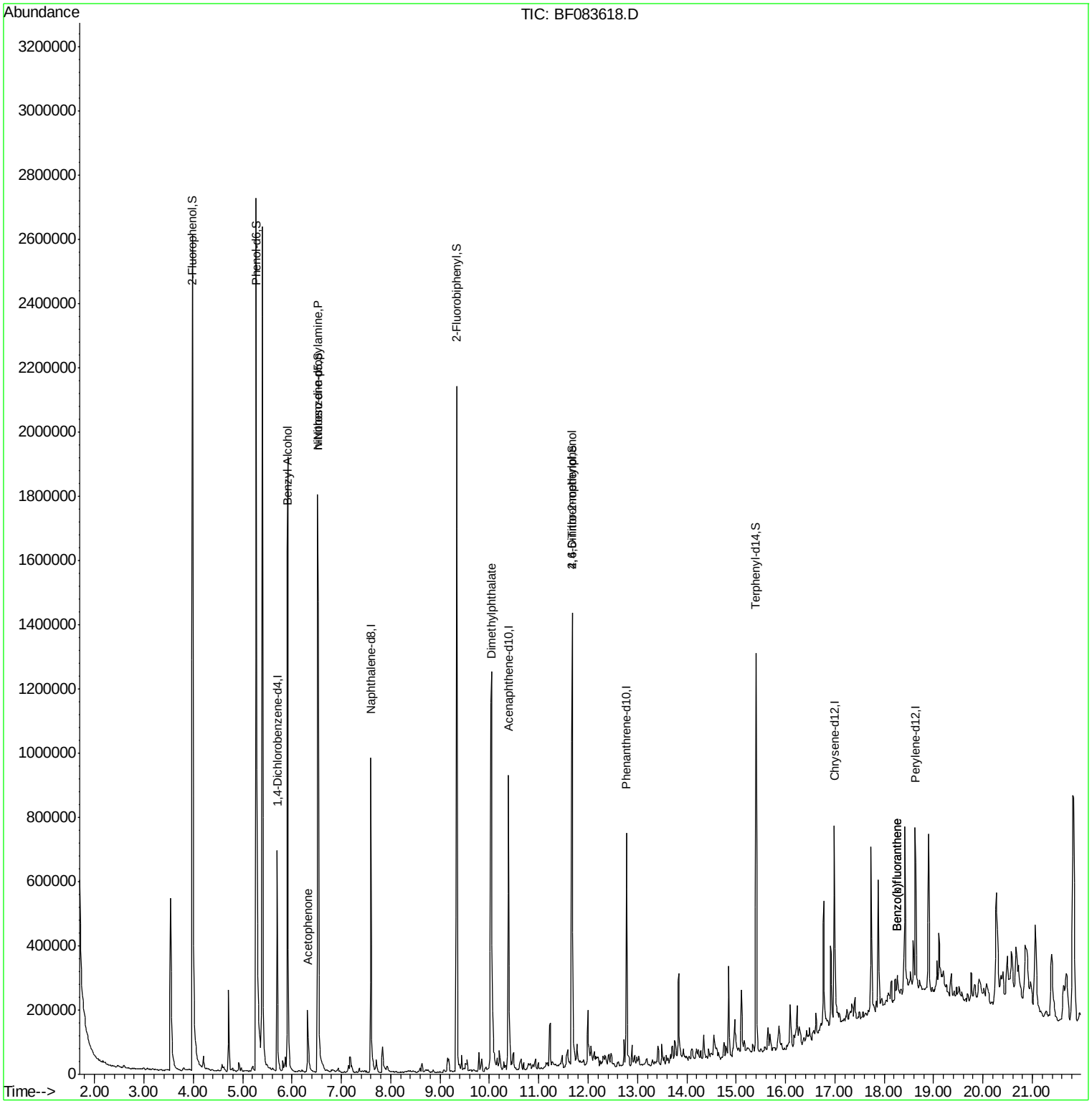
(#) = qualifier out of range (m) = manual integration (+) = signals summed

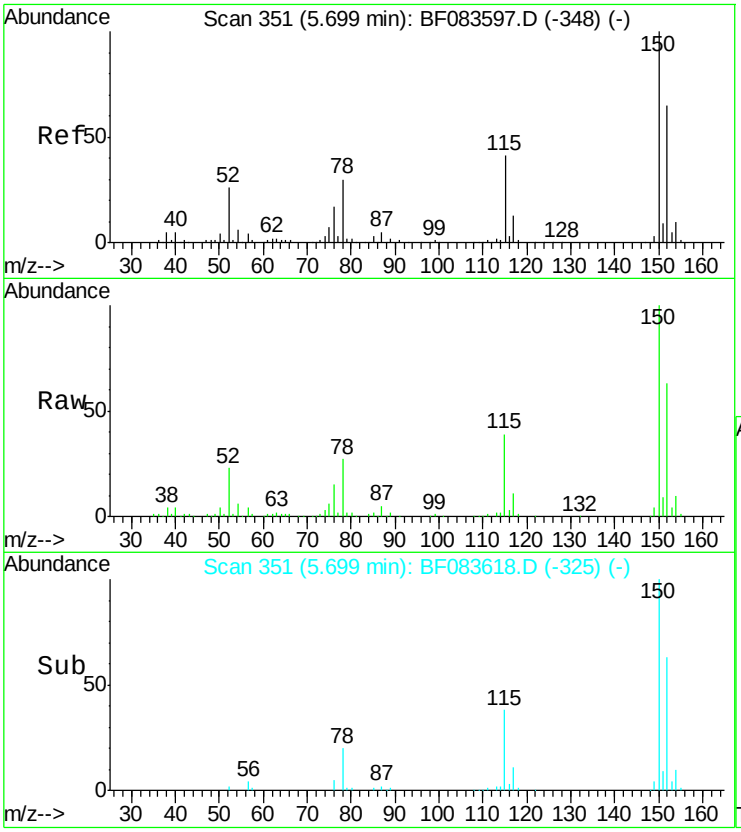
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083618.D
Acq On : 9 Dec 2015 2:50
Operator : UM/IZ
Sample : G4650-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Quant Time: Dec 09 05:57:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration



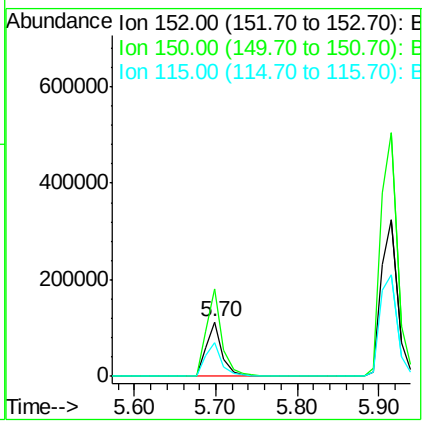


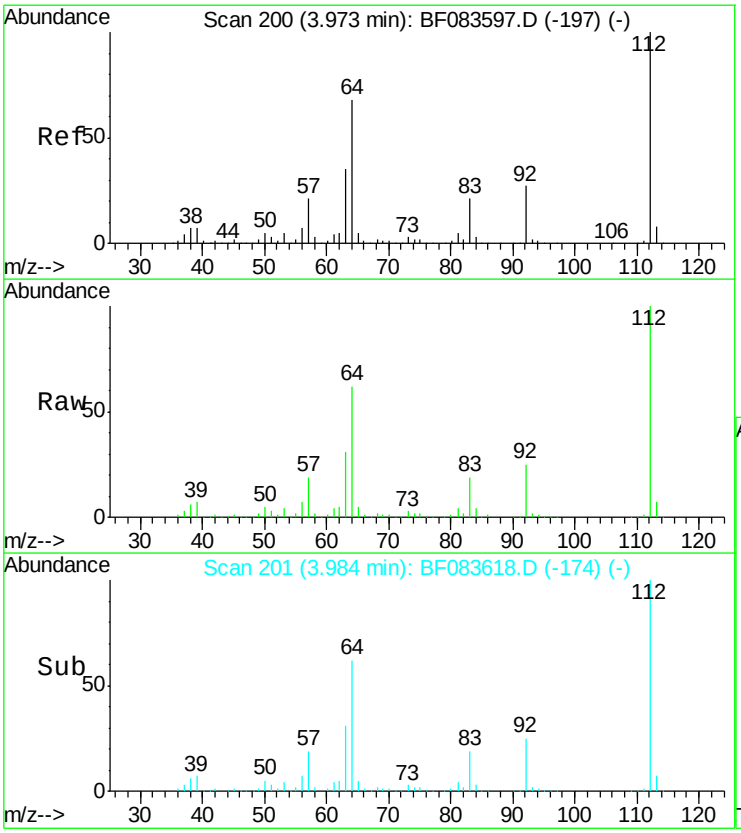
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Tgt Ion:152 Resp: 156118

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.5	189.7
115	61.9	52.3	78.5

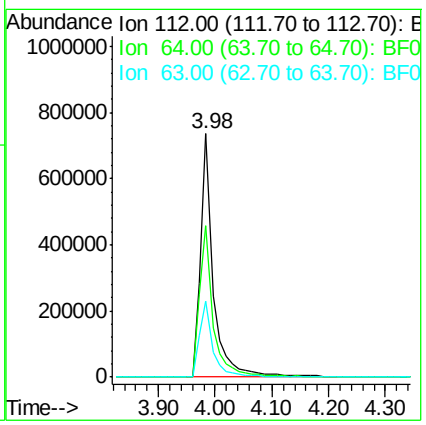


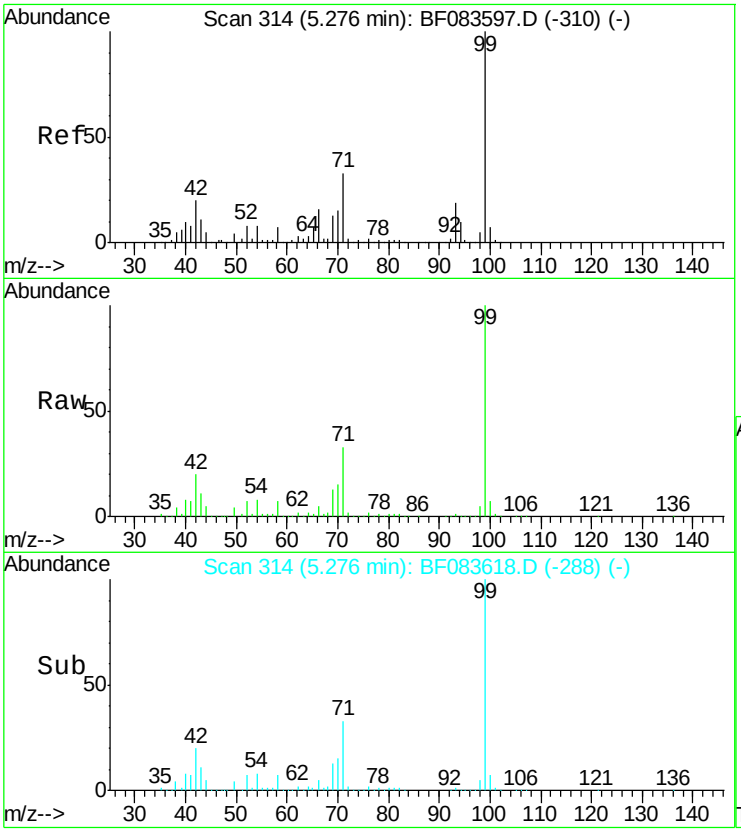


#5
2-Fluorophenol
Concen: 107.48 ng
RT: 3.98 min Scan# 201
Delta R.T. 0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Tgt Ion:112 Resp: 1106296

Ion	Ratio	Lower	Upper
112	100		
64	62.4	50.5	75.7
63	31.2	25.8	38.6



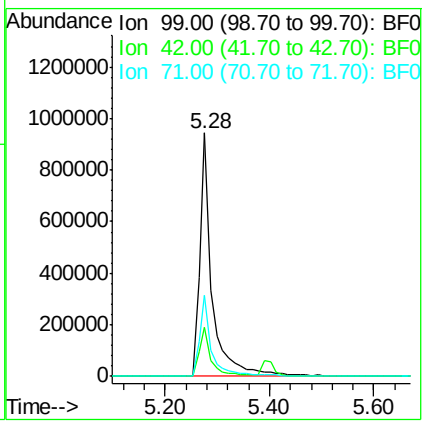


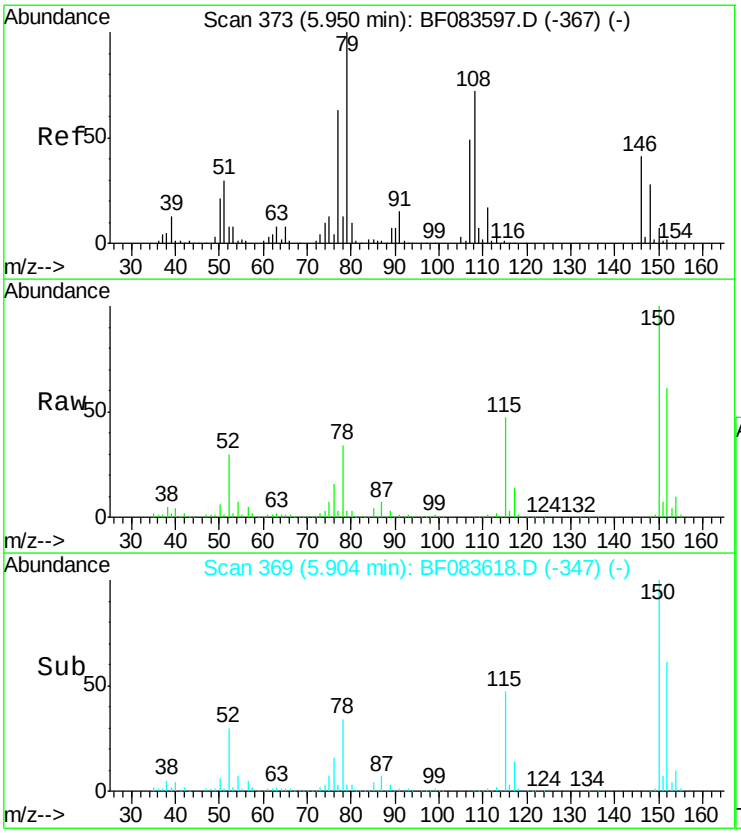
#7
Phenol-d6
Concen: 112.17 ng
RT: 5.28 min Scan# 314
Delta R.T. 0.00 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Tgt Ion: 99 Resp: 1542668

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.3	25.9
71	33.4	26.6	40.0

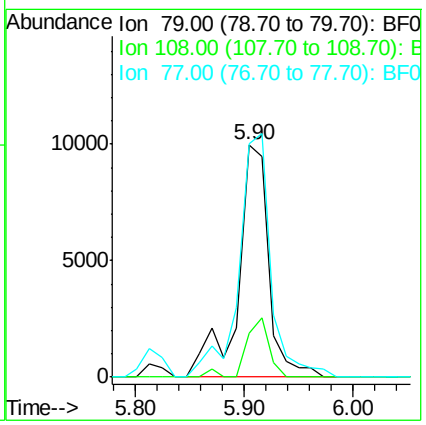


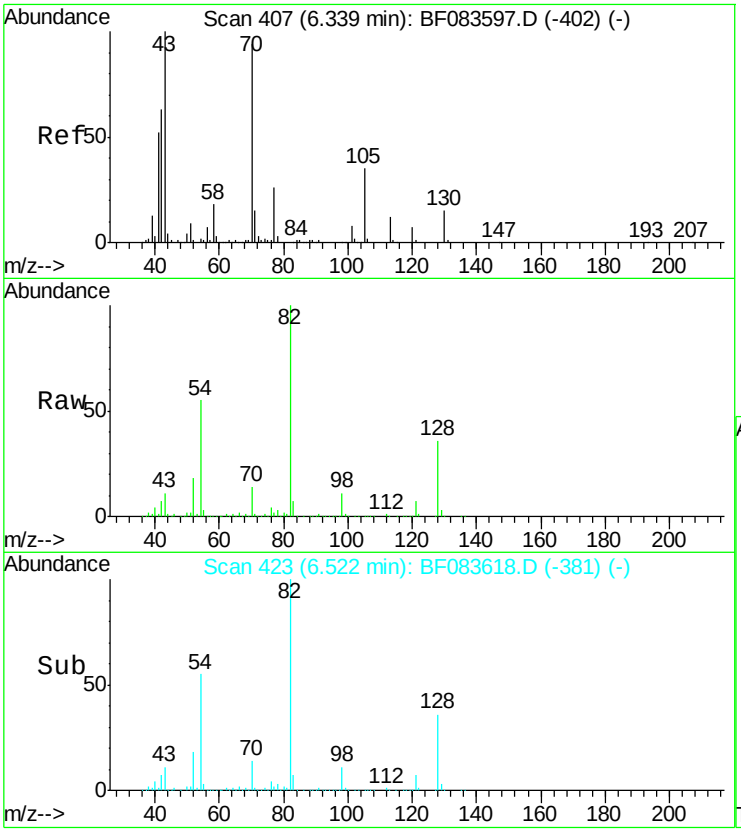


#15
Benzyl Alcohol
Concen: 2.02 ng
RT: 5.90 min Scan# 369
Delta R.T. -0.05 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Tgt Ion: 79 Resp: 19720

Ion	Ratio	Lower	Upper
79	100		
108	18.9	59.6	89.4#
77	100.4	49.8	74.6#



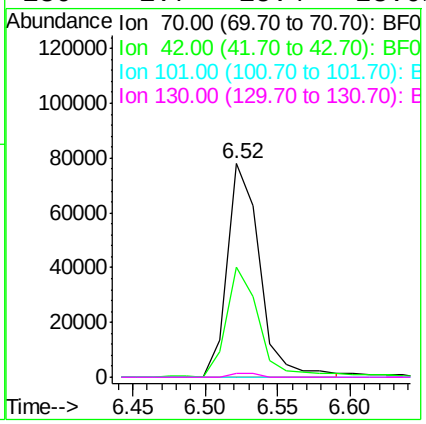


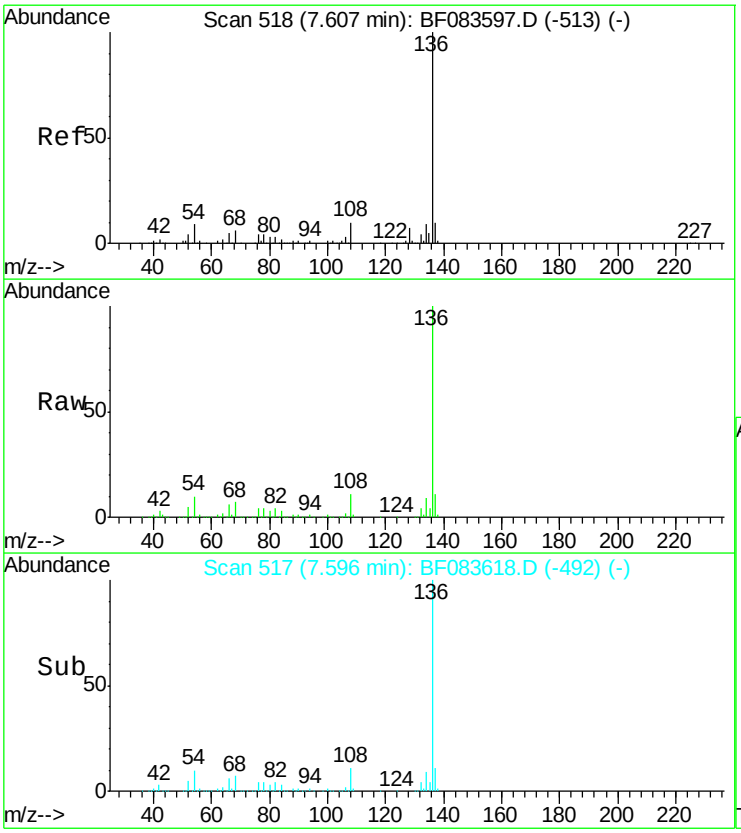
#19
n-Nitroso-di-n-propylamine
Concen: 12.66 ng
RT: 6.52 min Scan# 423
Delta R.T. 0.18 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Tgt Ion: 70 Resp: 121555

Ion	Ratio	Lower	Upper
70	100		
42	51.7	49.2	73.8
101	0.0	7.1	10.7#
130	1.7	15.4	23.0#

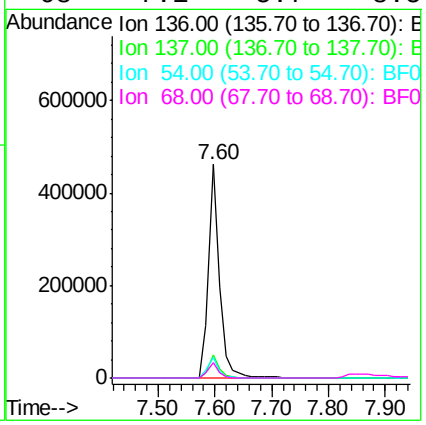


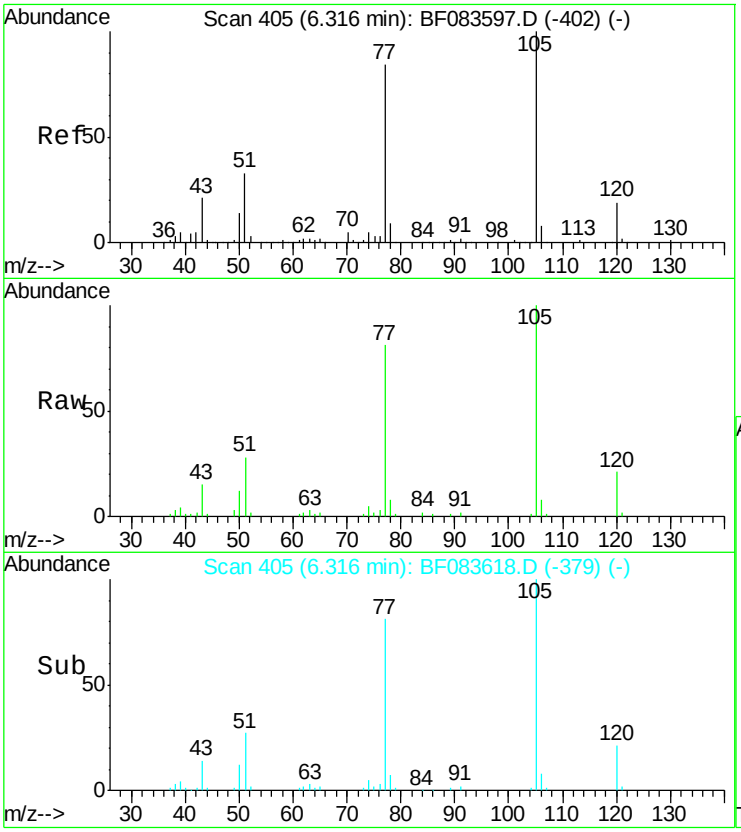


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Tgt Ion:136 Resp: 596557

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.6	7.8	11.6
68	7.1	5.7	8.5



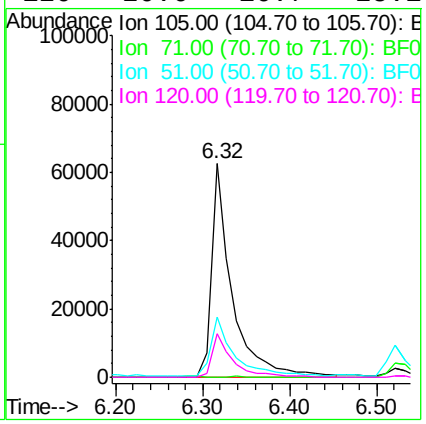


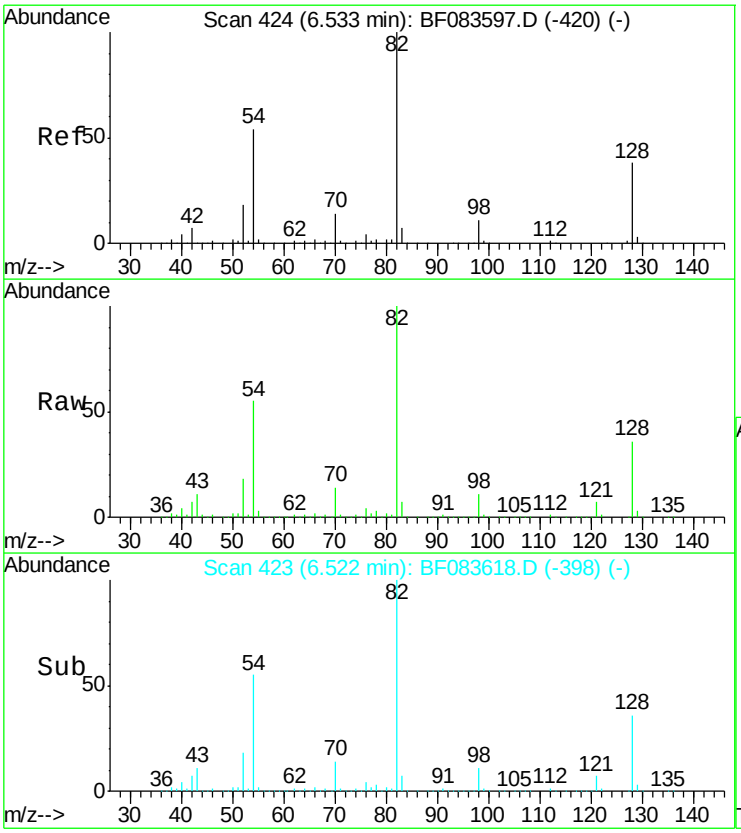
#22
Acetophenone
Concen: 6.21 ng
RT: 6.32 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Tgt Ion:105 Resp: 103889

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.3	1.9#
51	28.2	23.8	35.8
120	20.6	16.7	25.1

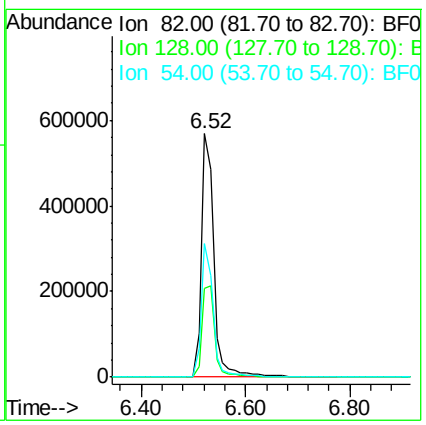


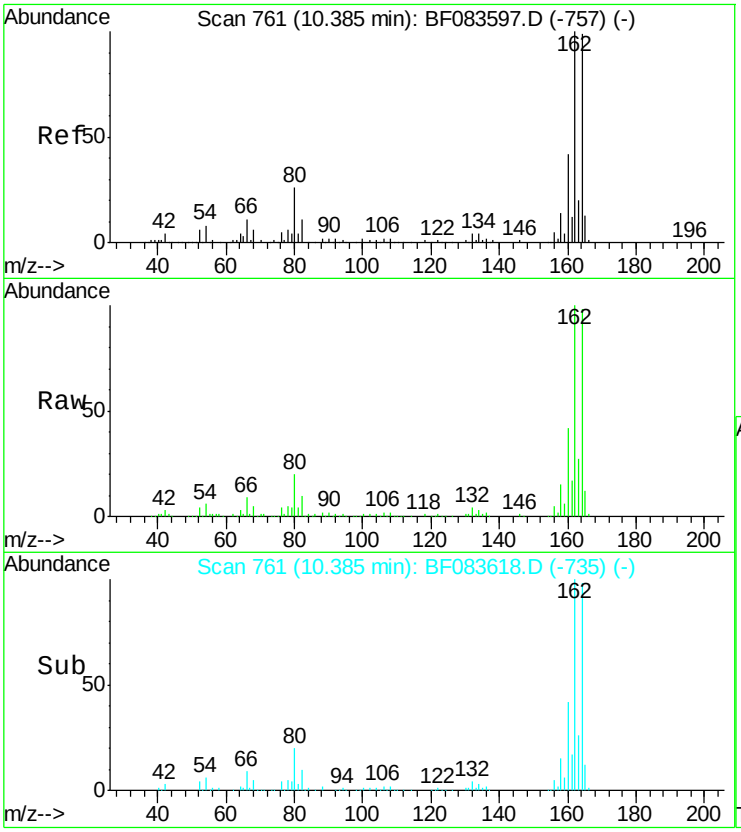


#23
Nitrobenzene-d5
Concen: 74.03 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Tgt Ion: 82 Resp: 946462

Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.7	46.1
54	55.0	42.5	63.7



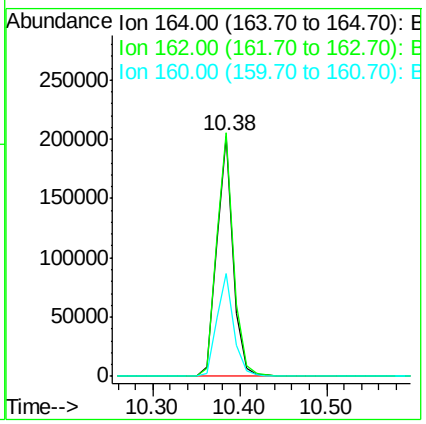


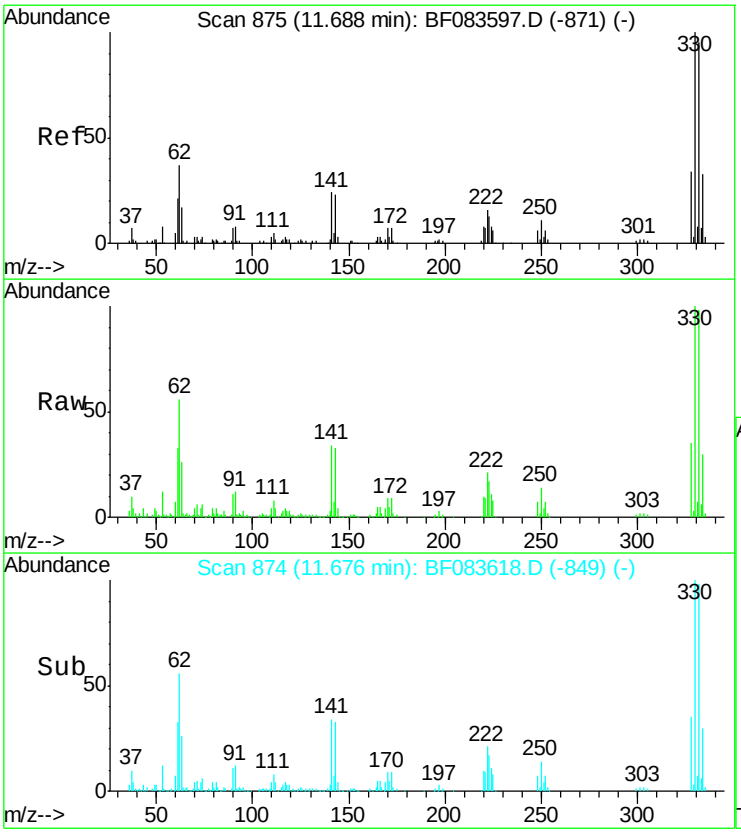
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Tgt Ion:164 Resp: 268147

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	43.1	33.4	50.2

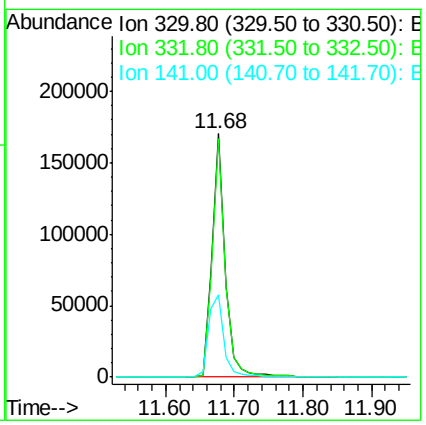


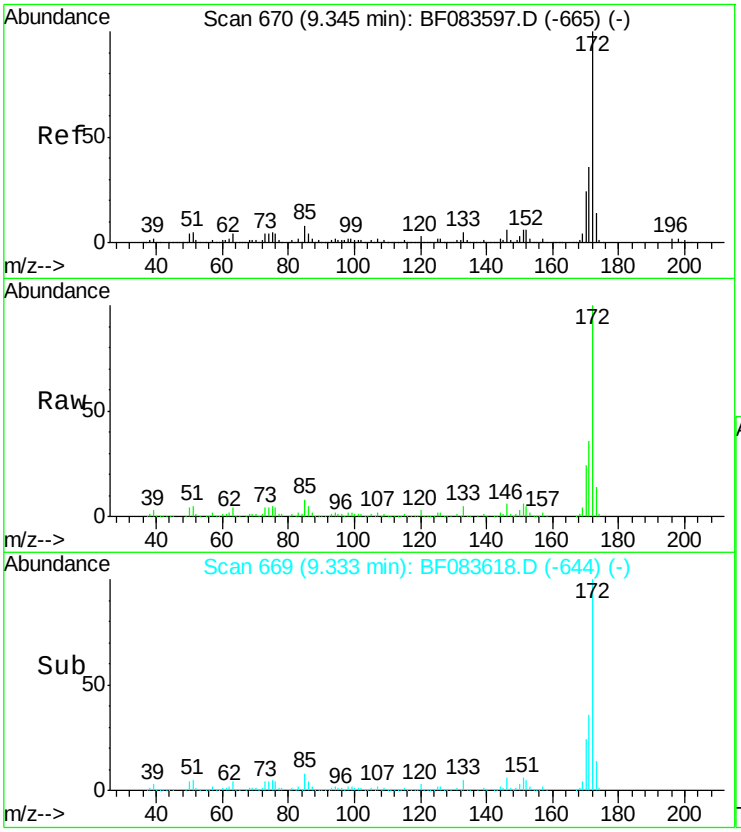


#41
2,4,6-Tribromophenol
Concen: 97.24 ng
RT: 11.68 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Tgt Ion:330 Resp: 232306

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	39.3	0.0	0.0#



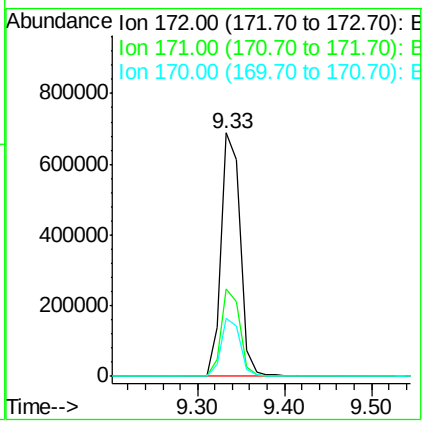


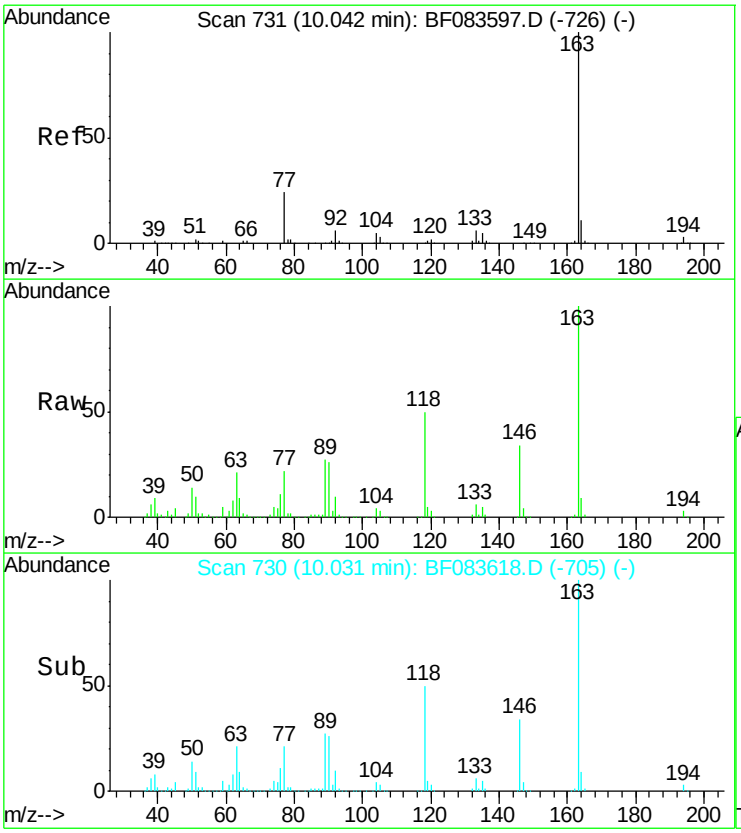
#44
2-Fluorobiphenyl
Concen: 55.66 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Tgt Ion:172 Resp: 1060498

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.7	19.4	29.0

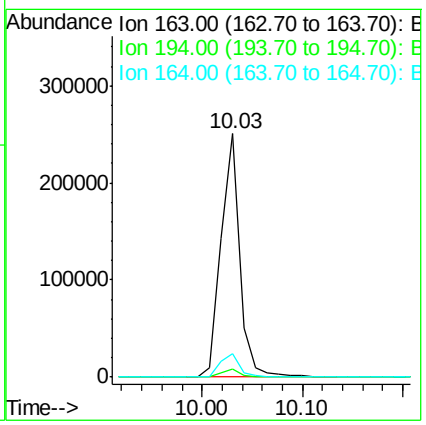


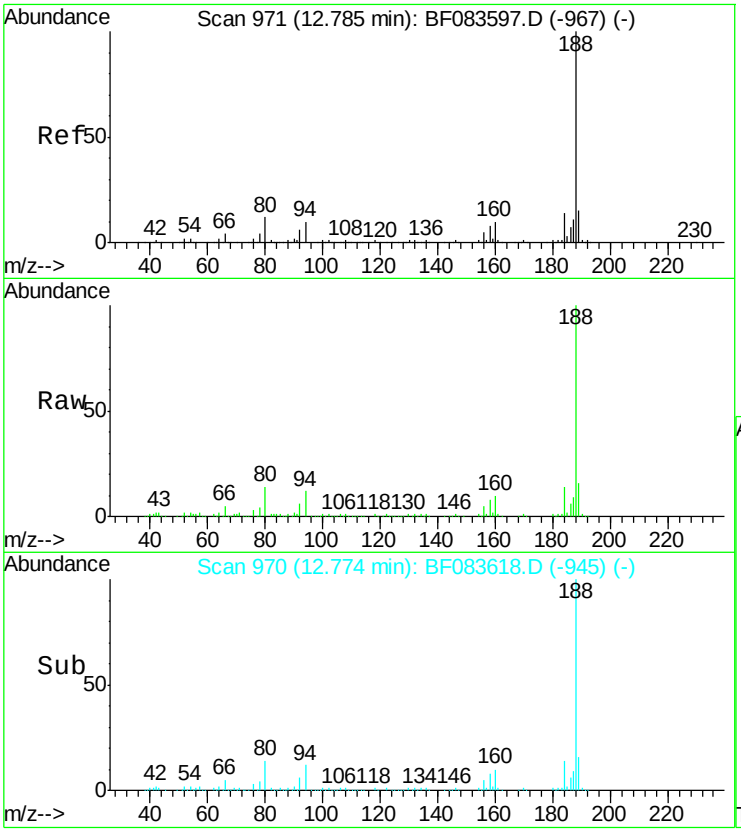


#49
Dimethylphthalate
Concen: 15.25 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Tgt Ion:163 Resp: 325599

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.4	8.6	13.0



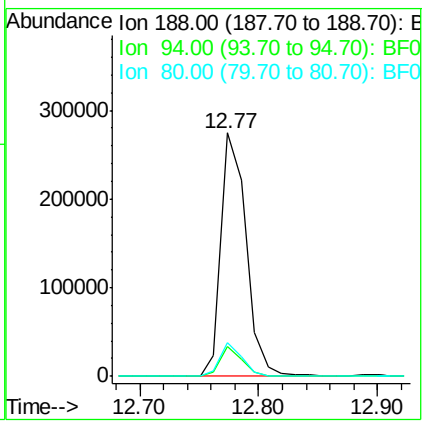


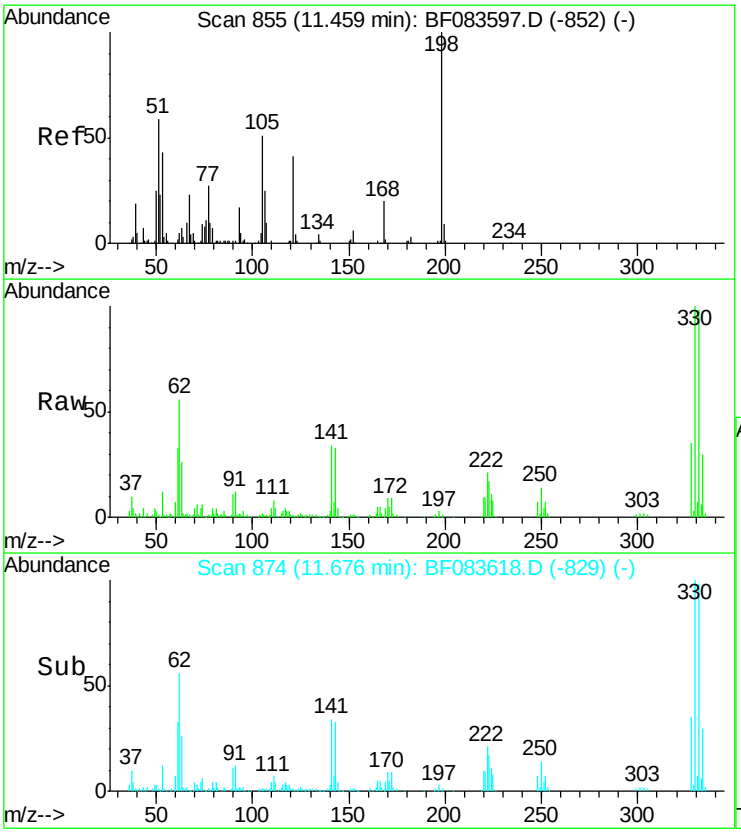
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Tgt Ion:188 Resp: 405361

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	13.7	10.6	16.0

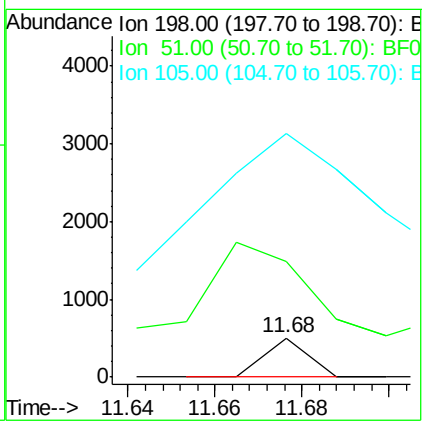


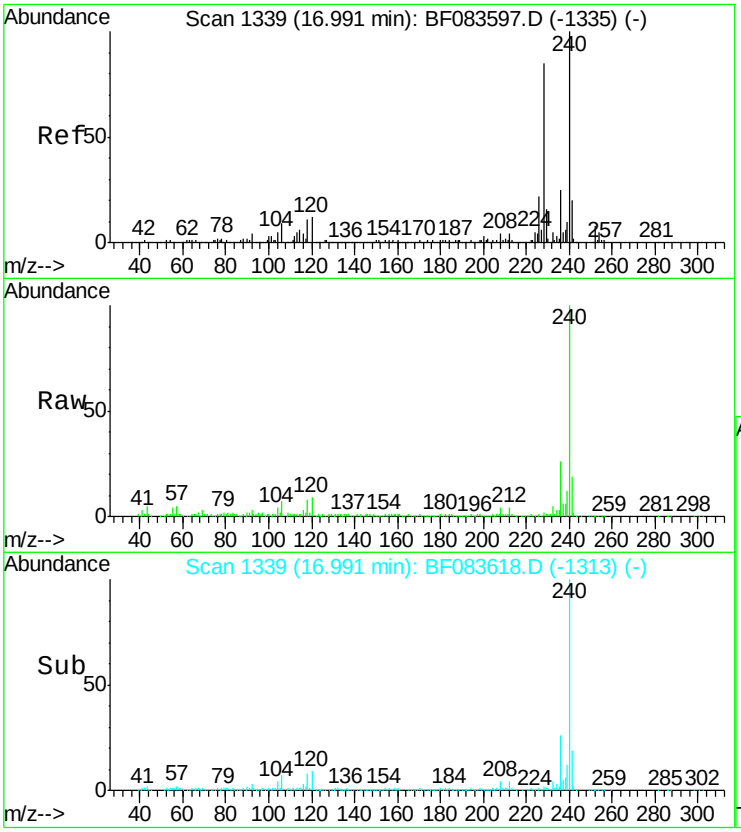


#64
4,6-Dinitro-2-methylphenol
Concen: 2.07 ng
RT: 11.68 min Scan# 874
Delta R.T. 0.22 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Tgt Ion:198 Resp: 347

Ion	Ratio	Lower	Upper
198	100		
51	292.9	53.8	93.8#
105	619.0	38.6	78.6#



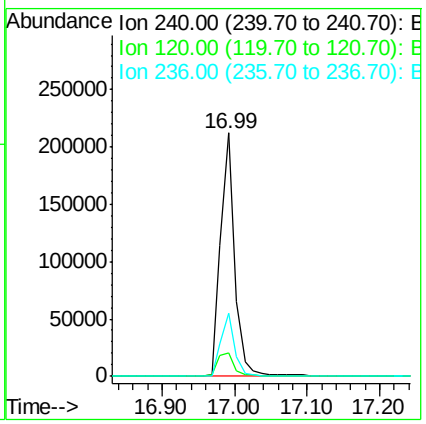


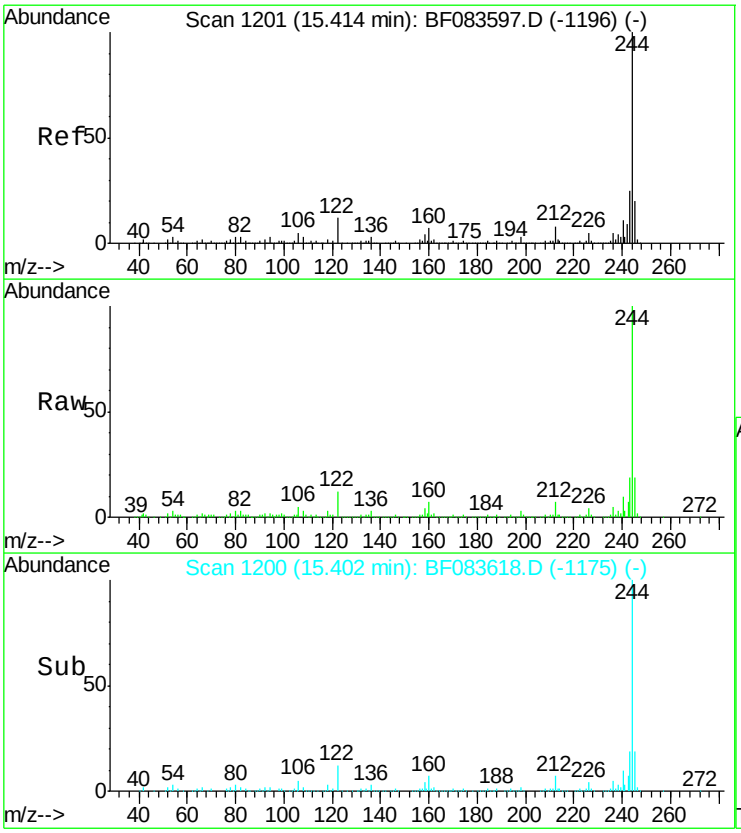
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Tgt Ion:240 Resp: 284724

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.1	12.1
236	25.7	20.8	31.2

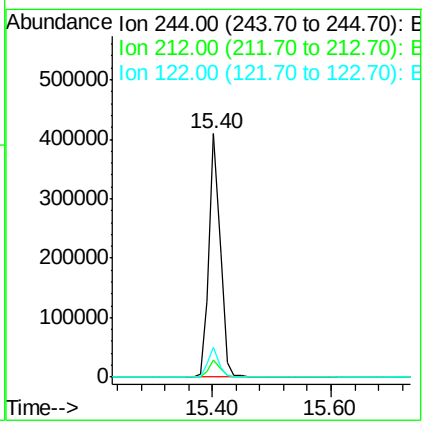


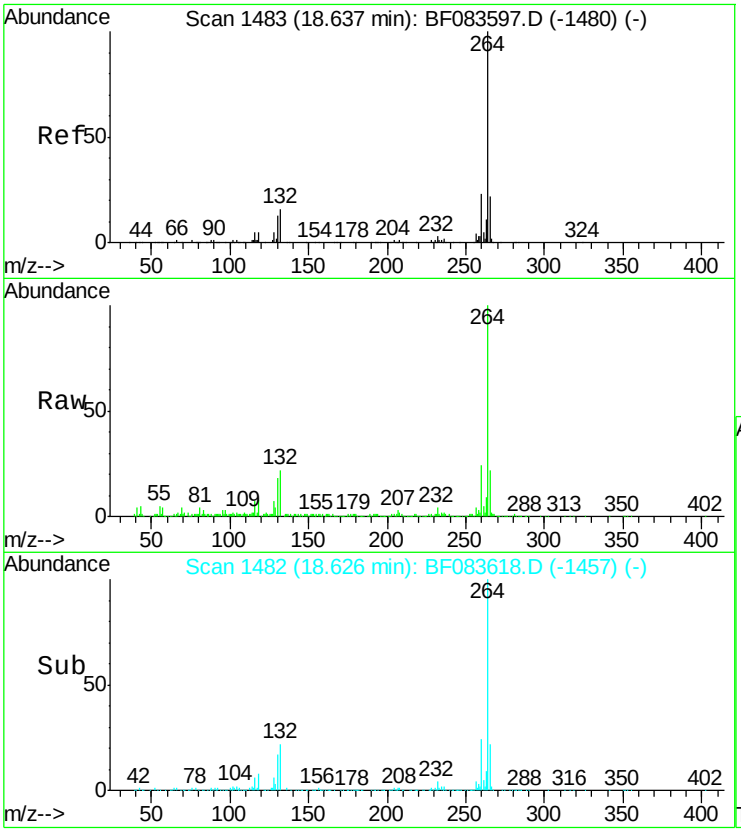


#78
Terphenyl-d14
Concen: 44.55 ng
RT: 15.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Tgt Ion:244 Resp: 539057

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.0	11.0	16.6



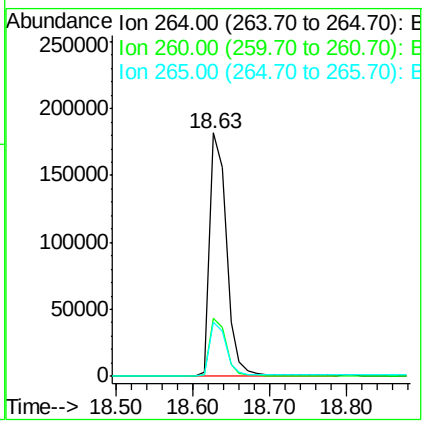


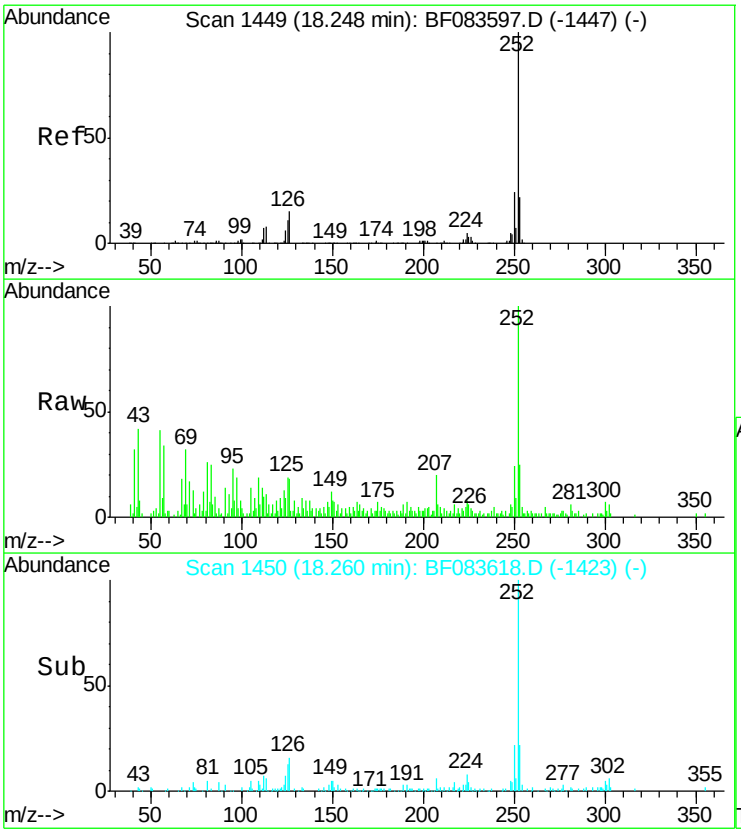
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Tgt Ion:264 Resp: 280635

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	22.2	17.8	26.6

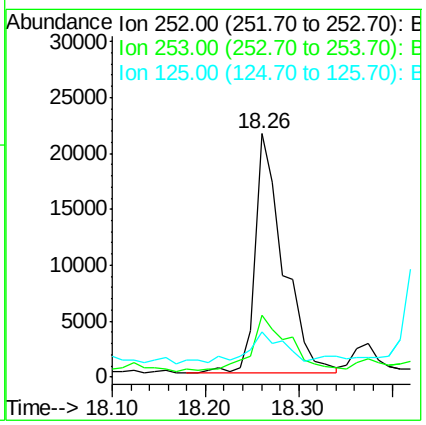


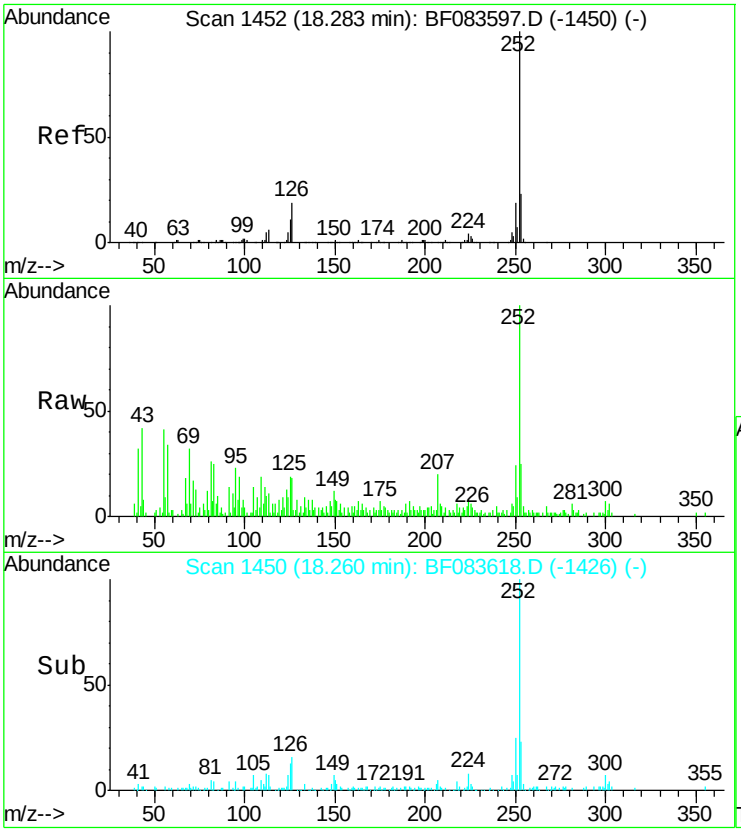


#87
Benzo(b)fluoranthene
Concen: 2.79 ng
RT: 18.26 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Tgt Ion:252 Resp: 44573

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.4
125	18.6	8.2	12.4#





#88
Benzo(k)fluoranthene
Concen: 2.53 ng
RT: 18.26 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF083618.D
Acq: 9 Dec 2015 2:50

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-11(0-2)

Tgt Ion:252 Resp: 44573

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.6	27.8
125	18.6	11.5	17.3#