Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
Data File : BF087350.D
Acq On : 24 May 2016 22:01
Operator : UM/SJ
Sample : H3136-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOUTHTUBEMILEPOST-1-10

Quant Time: May 25 00:46:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 01:40:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	109524	20.00	ng	-0.05
21) Naphthalene-d8	9.59	136	445412	20.00	ng	-0.06
38) Acenaphthene-d10	12.41	164	215155	20.00	ng	-0.07
63) Phenanthrene-d10	14.82	188	441711	20.00	ng	-0.06
75) Chrysene-d12	18.50	240	377828	20.00	ng	-0.06
86) Perylene-d12	20.18	264	265498	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	952585	152.83	ng	-0.03
7) Phenol-d6	7.11	99	1196793	142.10	ng	-0.06
23) Nitrobenzene-d5	8.47	82	910906	103.07	ng	-0.07
41) 2,4,6-Tribromophenol	13.71	330	346260	167.47	ng	-0.07
44) 2-Fluorobiphenyl	11.37	172	1583379	103.75	ng	-0.06
78) Terphenyl-d14	17.18	244	1668042	93.86	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	7.79	79	16018	2.61	ng	# 43
19) n-Nitroso-di-n-propylamine	8.47	70	124736	19.86	ng	# 72
31) Naphthalene	9.62	128	48687	2.18	ng	97
32) Benzoic acid	9.53	122	487	5.95	ng	# 77
51) Acenaphthene	12.47	154	30596	2.27	ng	98
55) 4-Nitrophenol	12.78	139	5058	2.97	ng	# 14
74) Fluoranthene	16.63	202	59813	2.44	ng	93

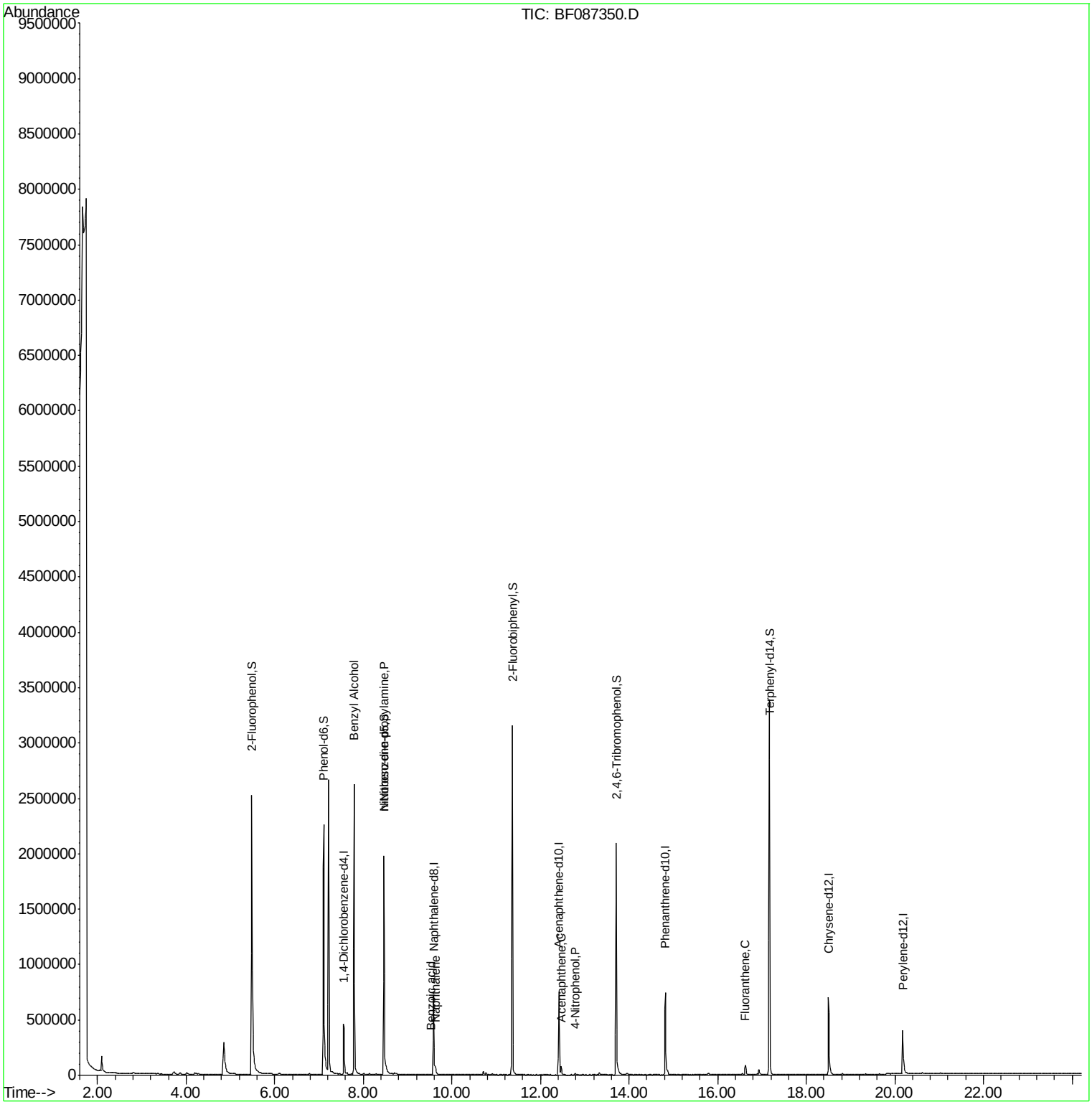
(#) = qualifier out of range (m) = manual integration (+) = signals summed

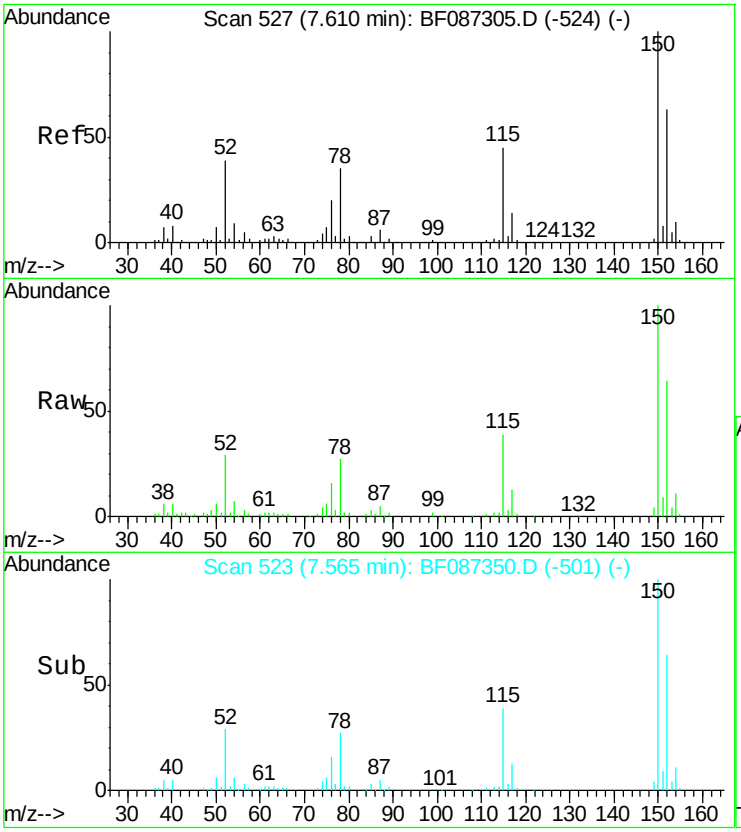
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
Data File : BF087350.D
Acq On : 24 May 2016 22:01
Operator : UM/SJ
Sample : H3136-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Quant Time: May 25 00:46:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 01:40:43 2016
Response via : Initial Calibration



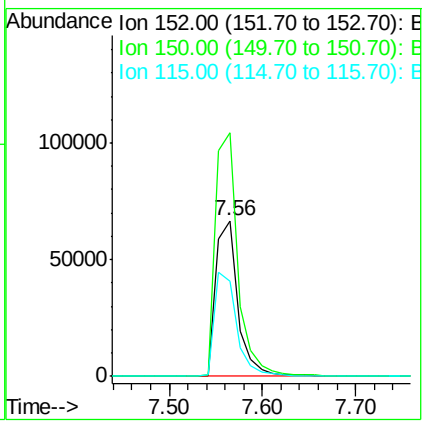


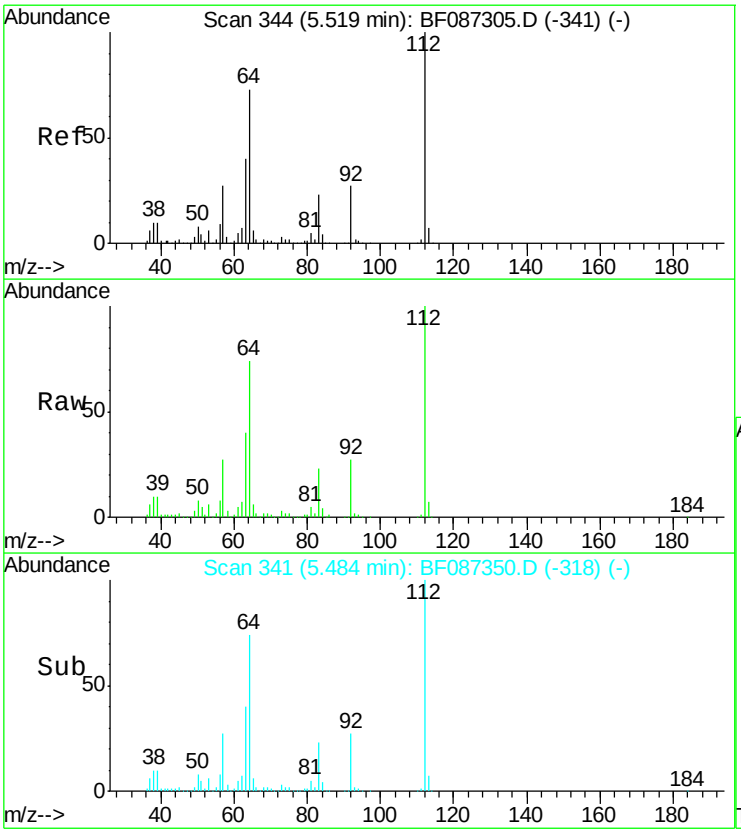
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Tgt Ion:152 Resp: 109524

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.8	188.6
115	61.4	51.5	77.3

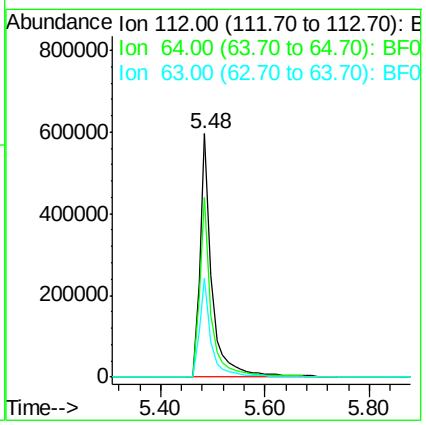


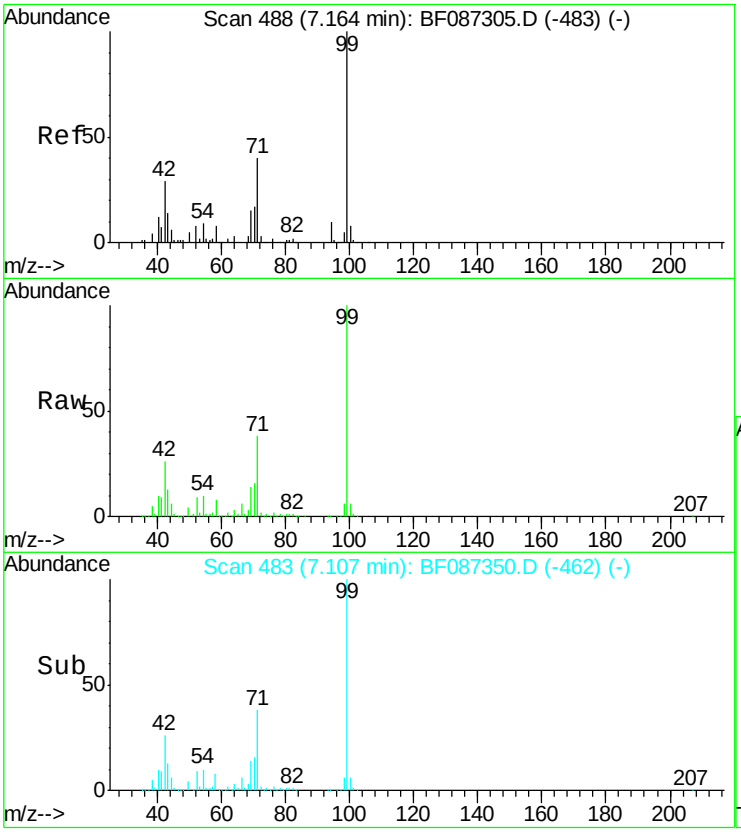


#5
2-Fluorophenol
Concen: 152.83 ng
RT: 5.48 min Scan# 341
Delta R.T. -0.03 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion:112 Resp: 952585

Ion	Ratio	Lower	Upper
112	100		
64	73.6	52.1	78.1
63	40.4	25.7	38.5#



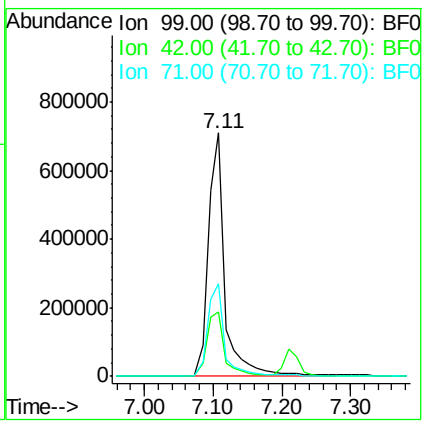


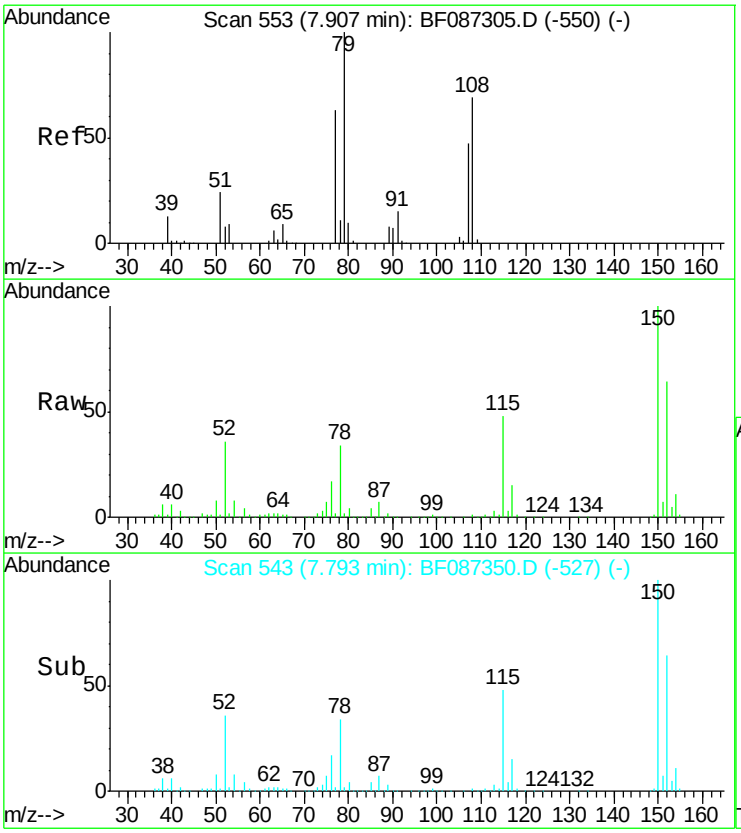
#7
Phenol-d6
Concen: 142.10 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.06 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Tgt Ion: 99 Resp: 1196793

Ion	Ratio	Lower	Upper
99	100		
42	26.3	13.6	20.4#
71	38.1	24.6	36.8#

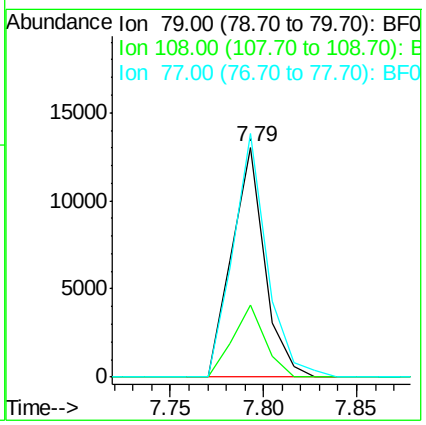


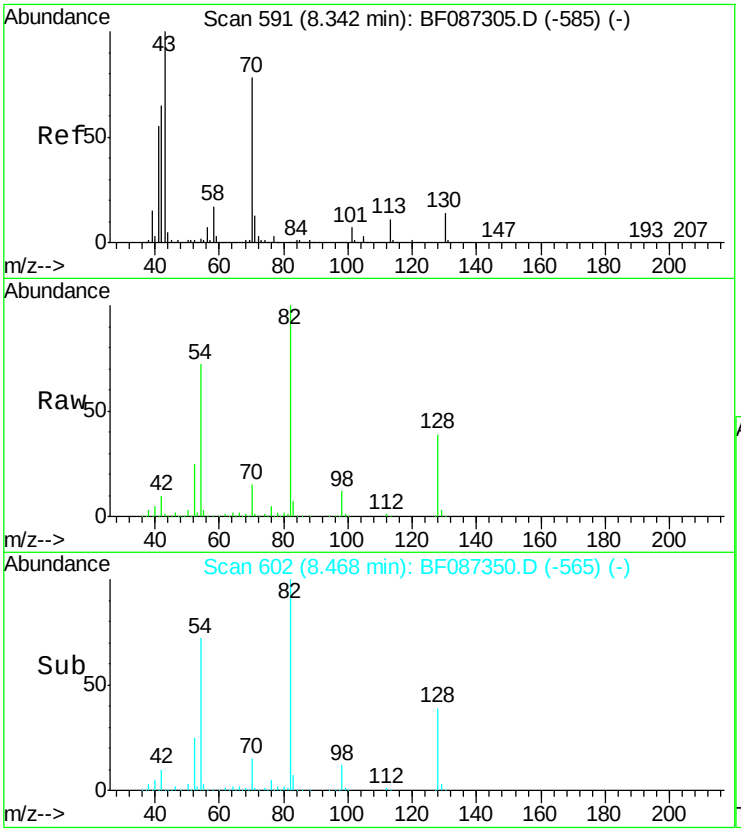


#15
Benzyl Alcohol
Concen: 2.61 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.11 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion: 79 Resp: 16018

Ion	Ratio	Lower	Upper
79	100		
108	31.4	68.4	102.6#
77	106.1	50.6	76.0#



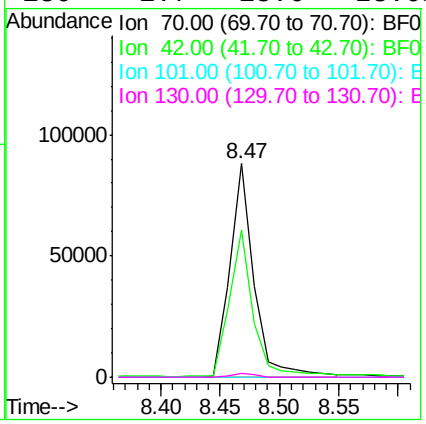


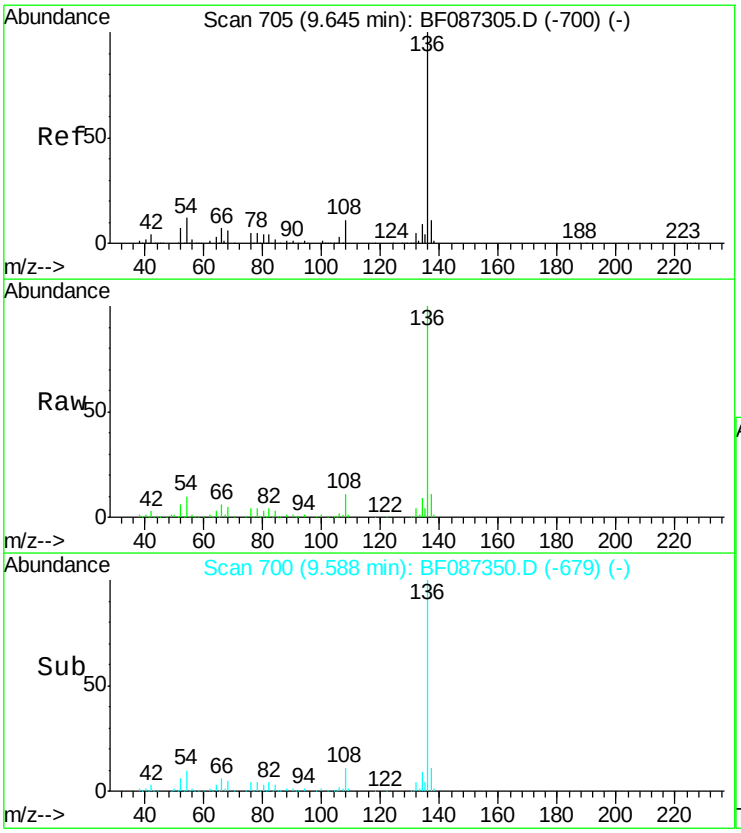
#19
n-Nitroso-di-n-propylamine
Concen: 19.86 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.13 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Tgt Ion: 70 Resp: 124736

Ion	Ratio	Lower	Upper
70	100		
42	68.9	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#

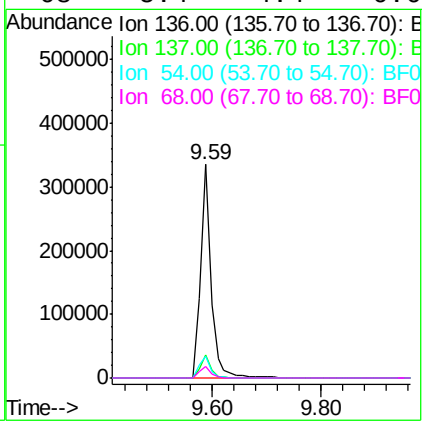


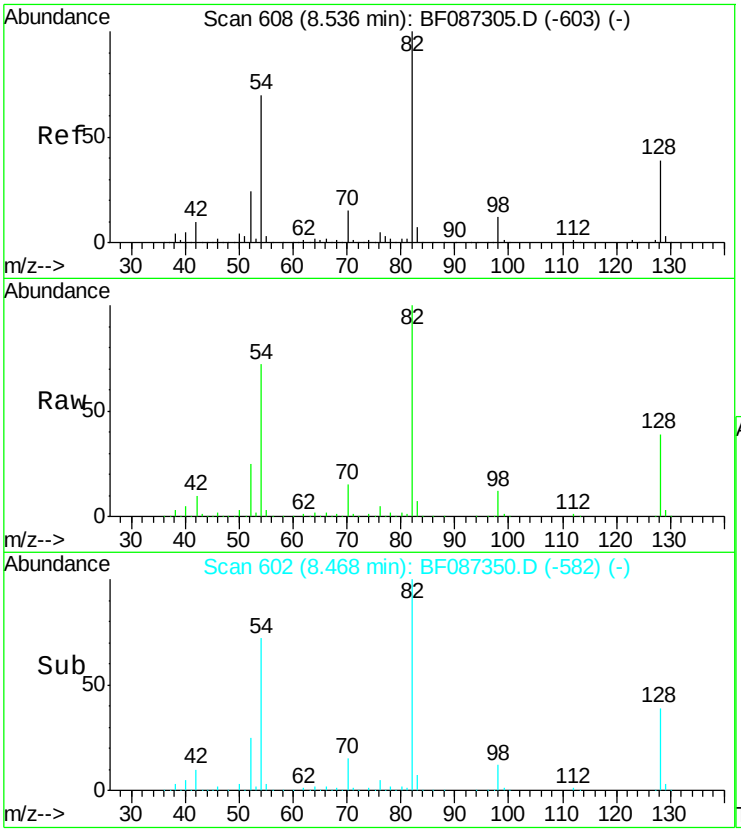


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion:136 Resp: 445412

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.4	5.0	7.4#
68	5.4	4.4	6.6



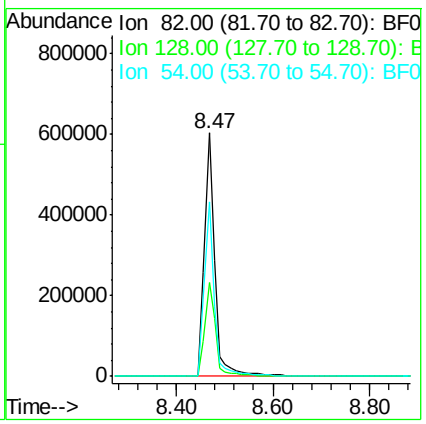


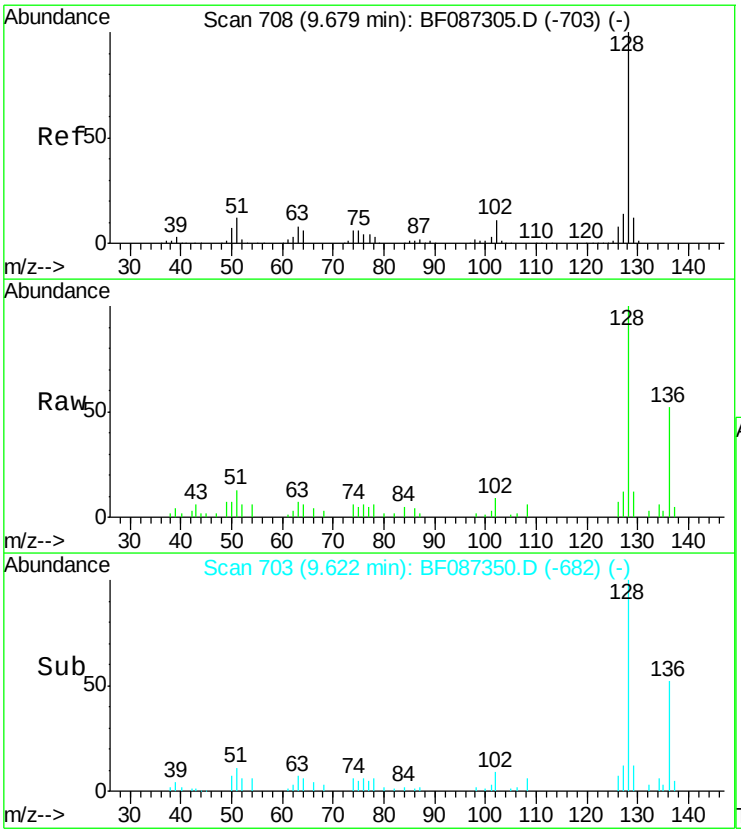
#23
Nitrobenzene-d5
Concen: 103.07 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.07 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Tgt Ion: 82 Resp: 910906

Ion	Ratio	Lower	Upper
82	100		
128	38.6	40.6	61.0#
54	71.9	38.1	57.1#

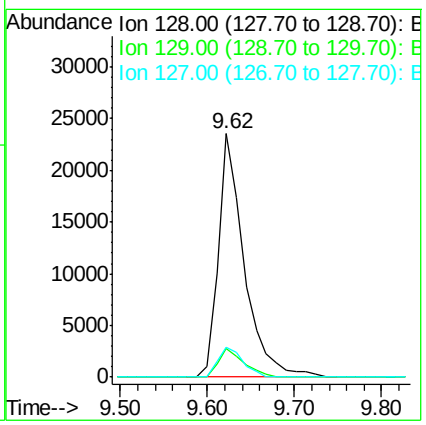


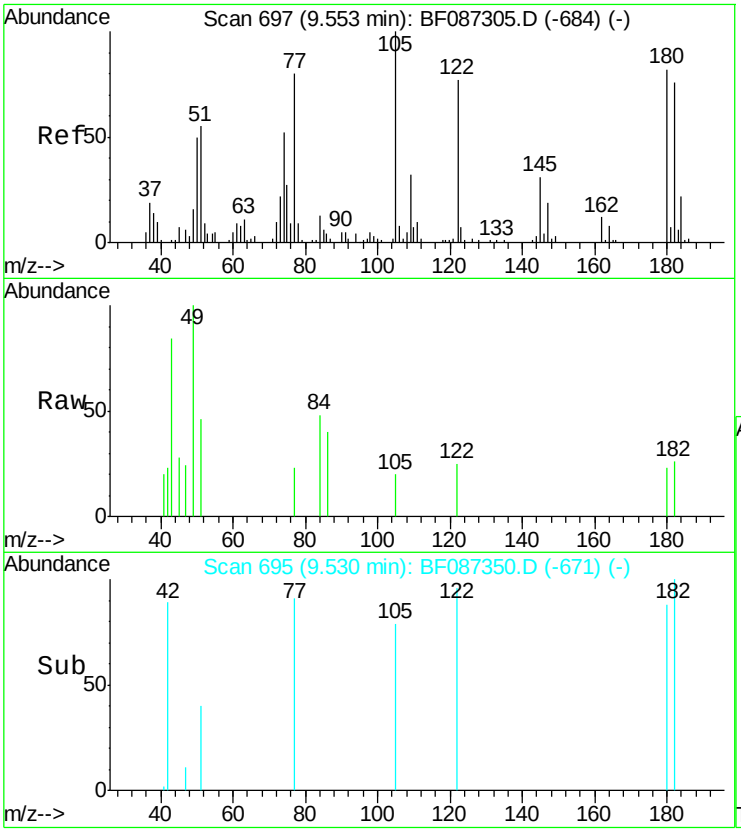


#31
Naphthalene
Concen: 2.18 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.06 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion:128 Resp: 48687

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	12.1	10.8	16.2



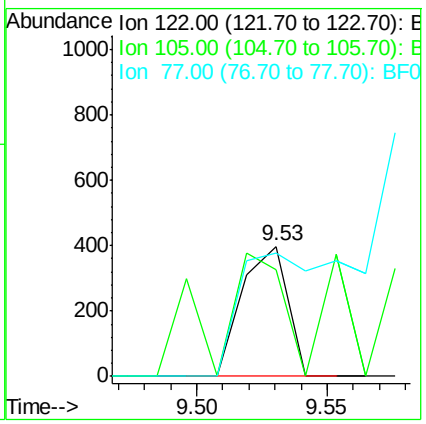


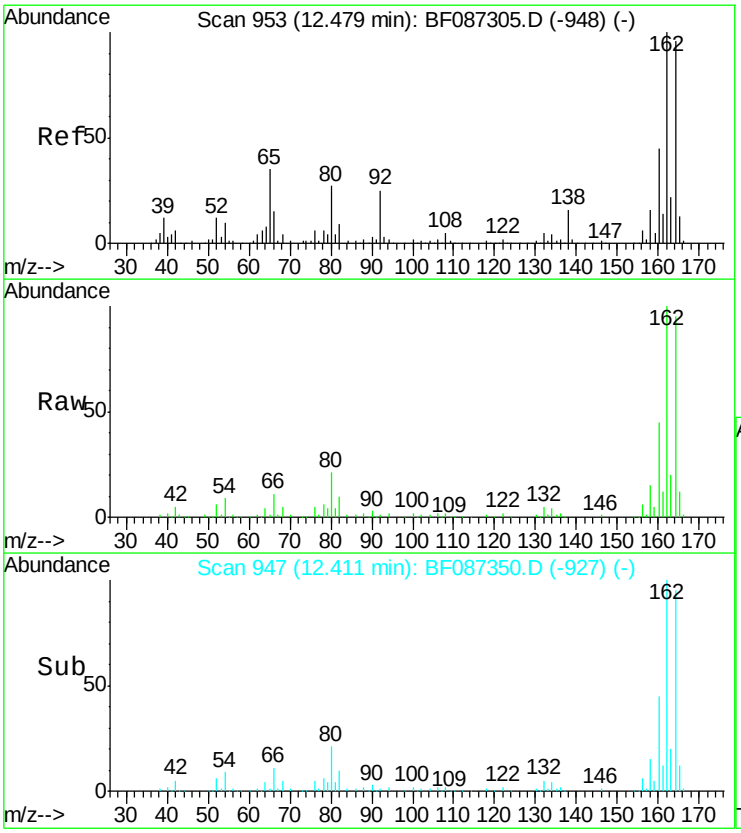
#32
Benzoic acid
Concen: 5.95 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Tgt Ion:122 Resp: 487

Ion	Ratio	Lower	Upper
122	100		
105	82.4	92.6	132.6#
77	94.5	60.0	100.0

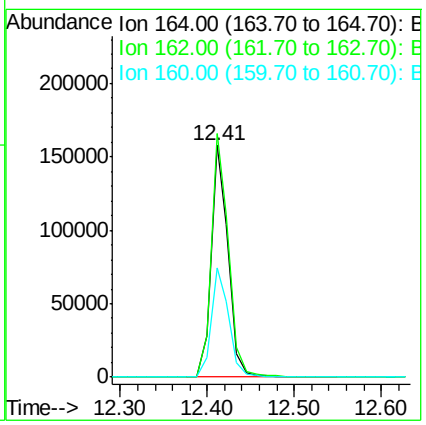


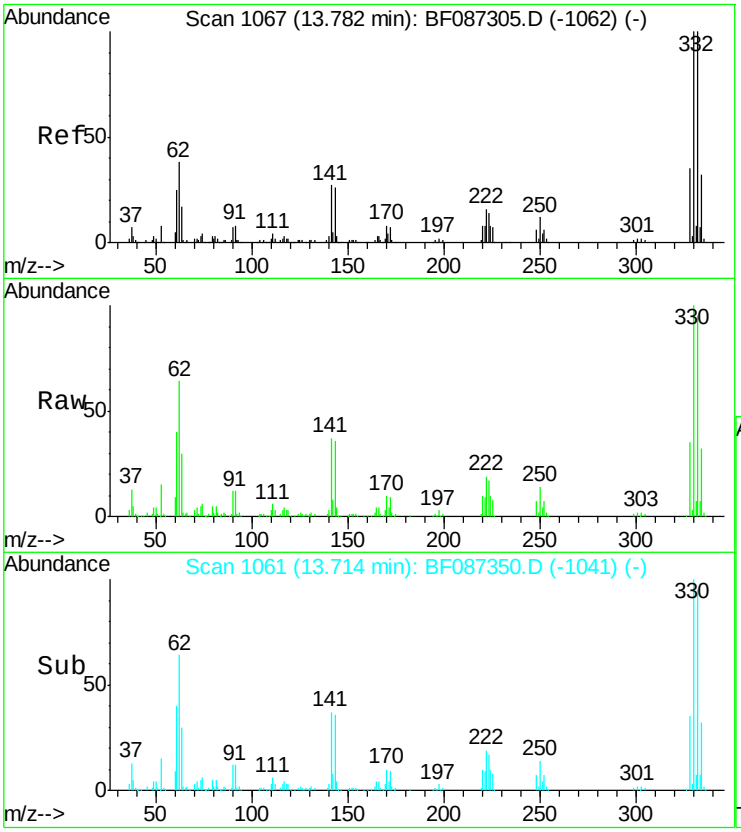


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.07 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion:164 Resp: 215155

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.8	124.2
160	47.1	36.9	55.3



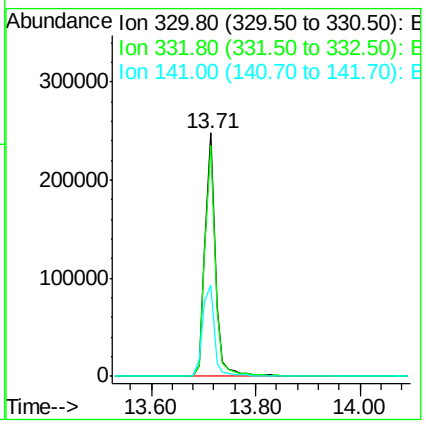


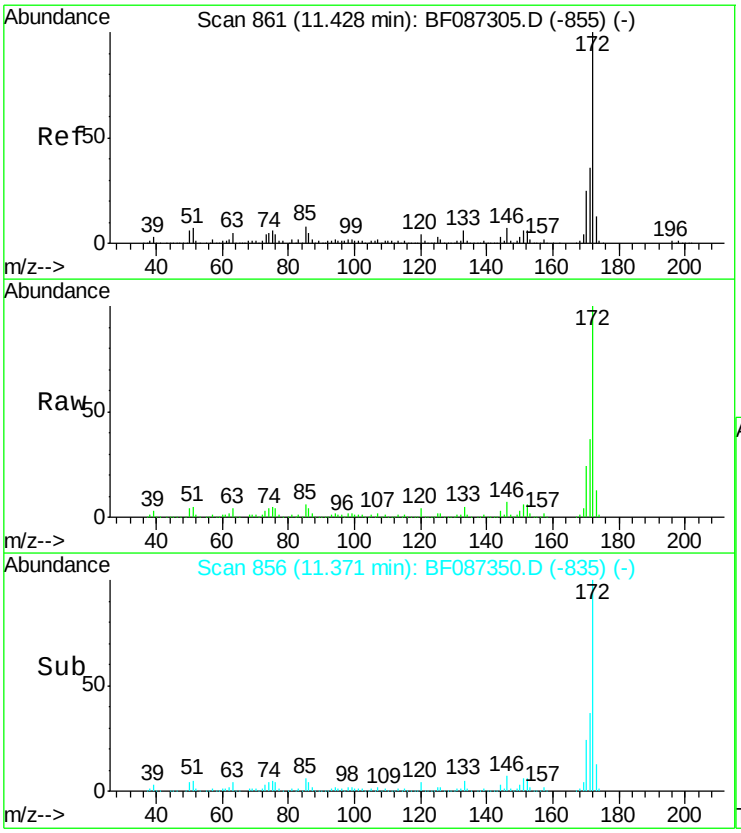
#41
2,4,6-Tribromophenol
Concen: 167.47 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.07 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Tgt Ion:330 Resp: 346260

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	43.2	31.2	46.8

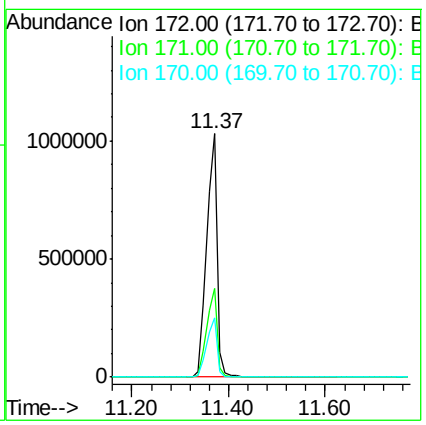


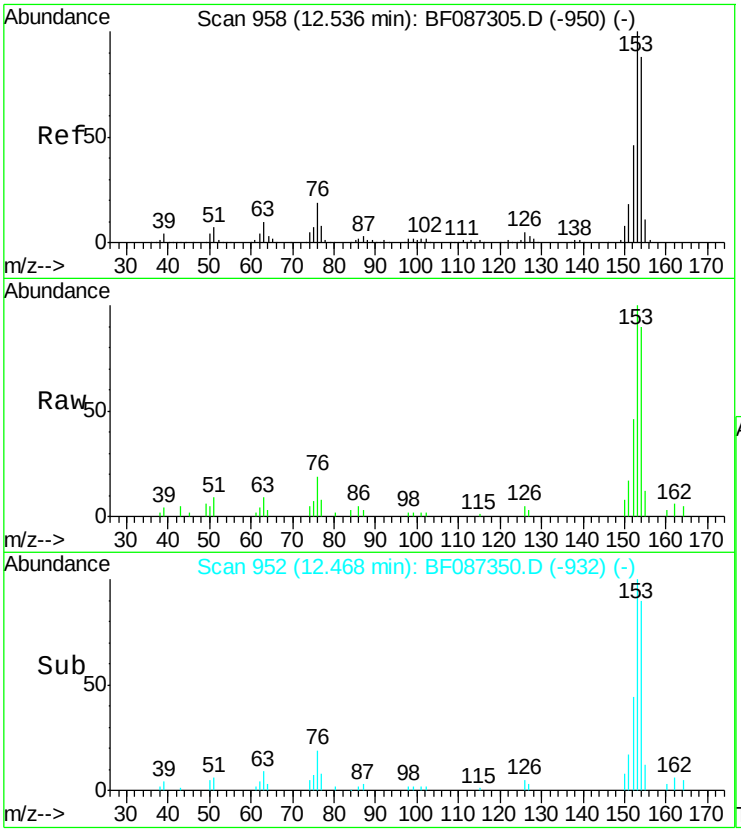


#44
2-Fluorobiphenyl
Concen: 103.75 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.06 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion:172 Resp: 1583379

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.4	19.8	29.8



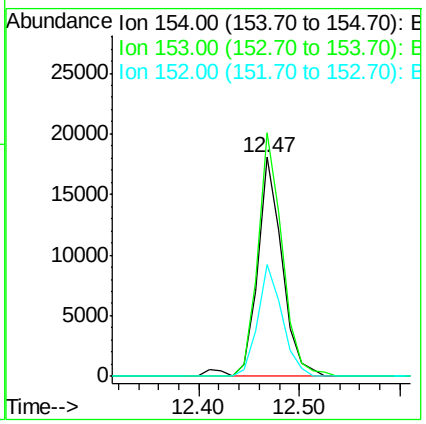


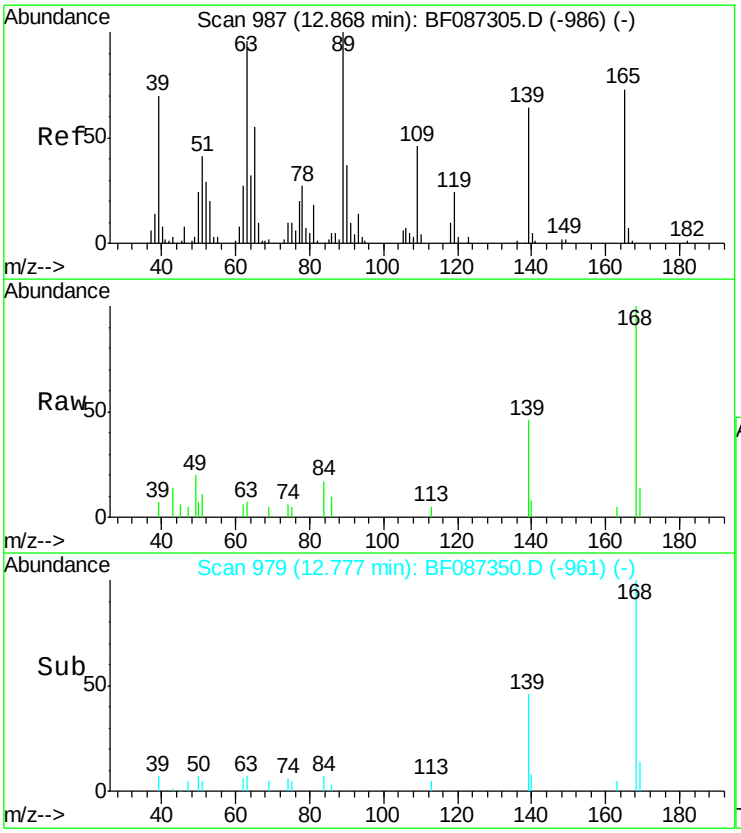
#51
Acenaphthene
Concen: 2.27 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.07 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Tgt Ion:154 Resp: 30596

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.8	134.6
152	50.9	43.4	65.0

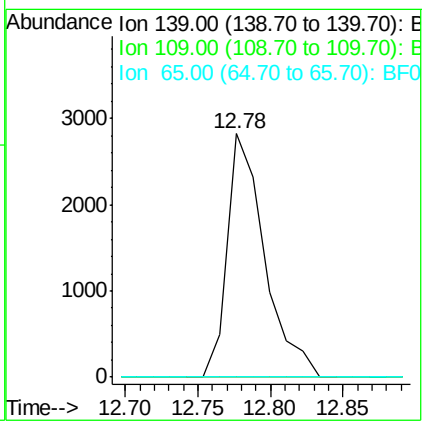


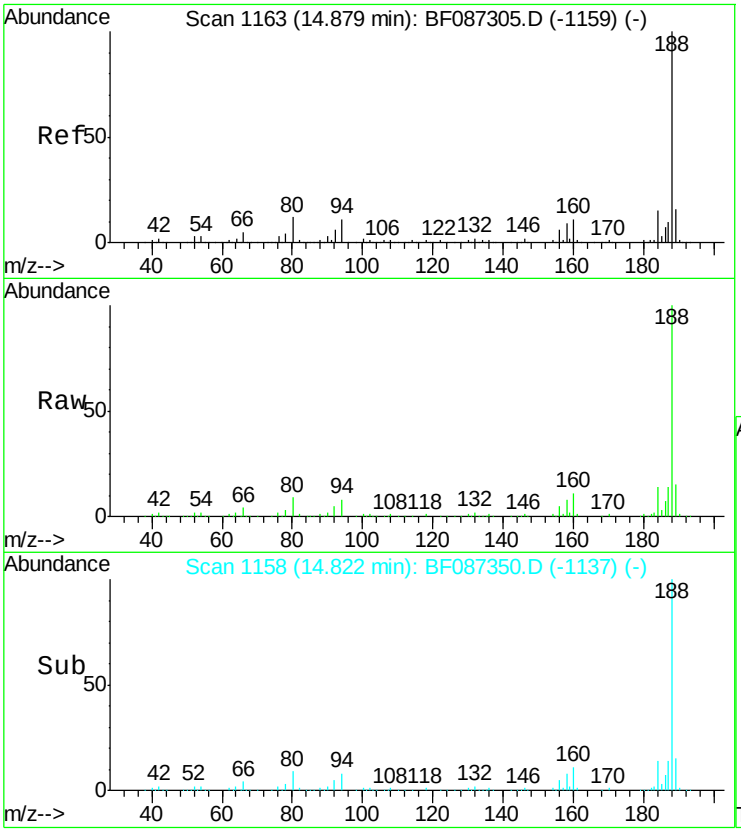


#55
4-Nitrophenol
Concen: 2.97 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.09 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion:139 Resp: 5058

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#



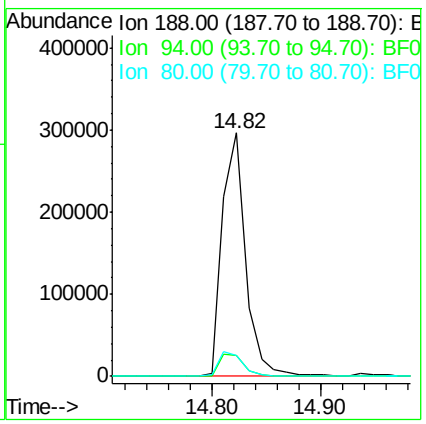


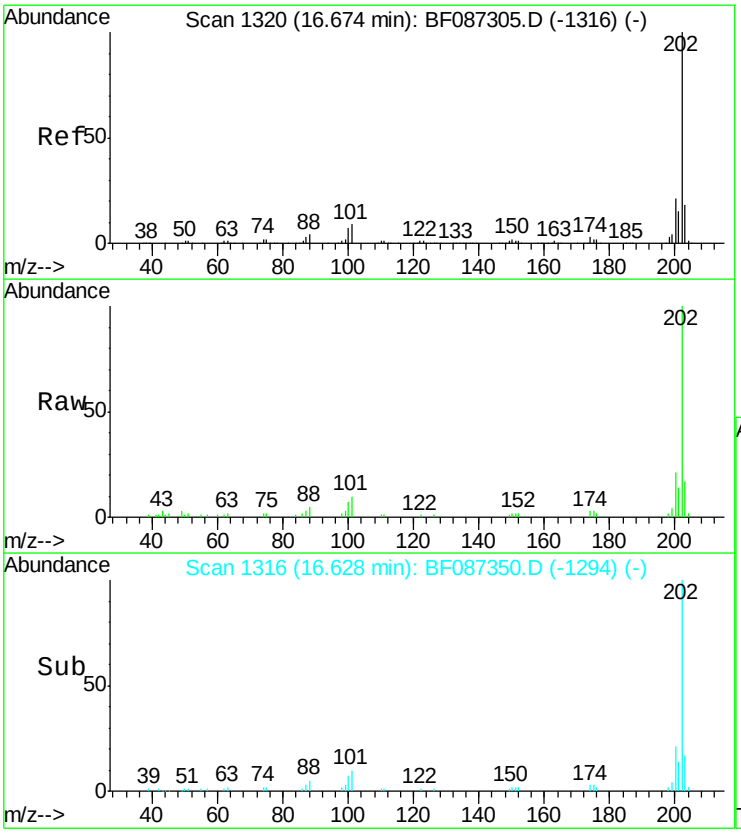
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.06 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Tgt Ion:188 Resp: 441711

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	8.8	7.1	10.7

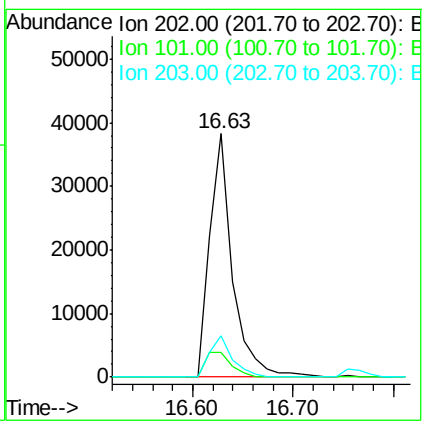


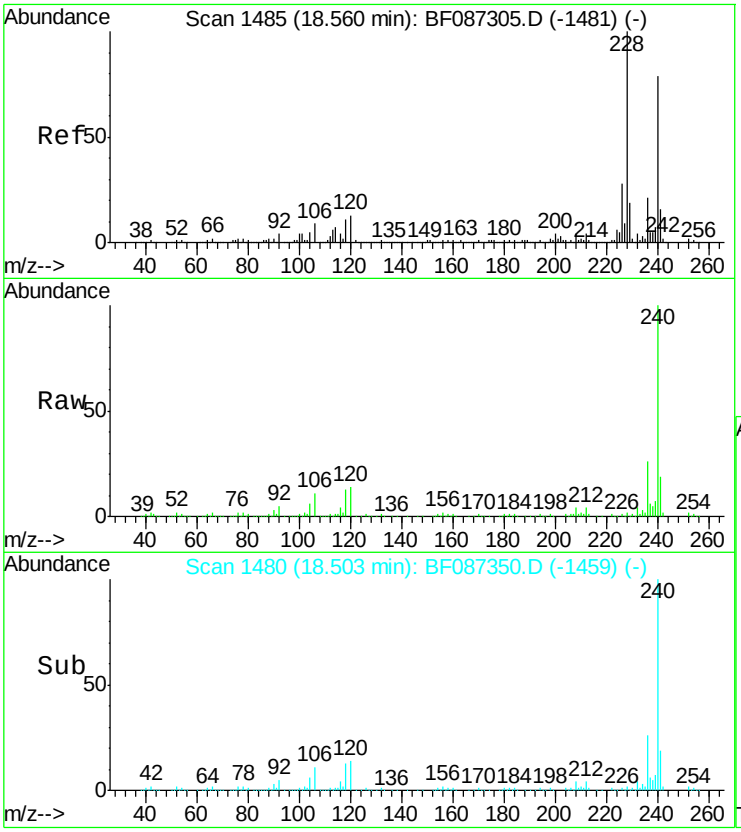


#74
Fluoranthene
Concen: 2.44 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.05 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion:202 Resp: 59813

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	35.4
203	17.1	0.0	38.1



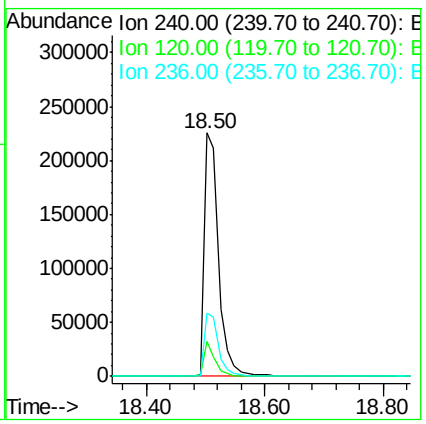


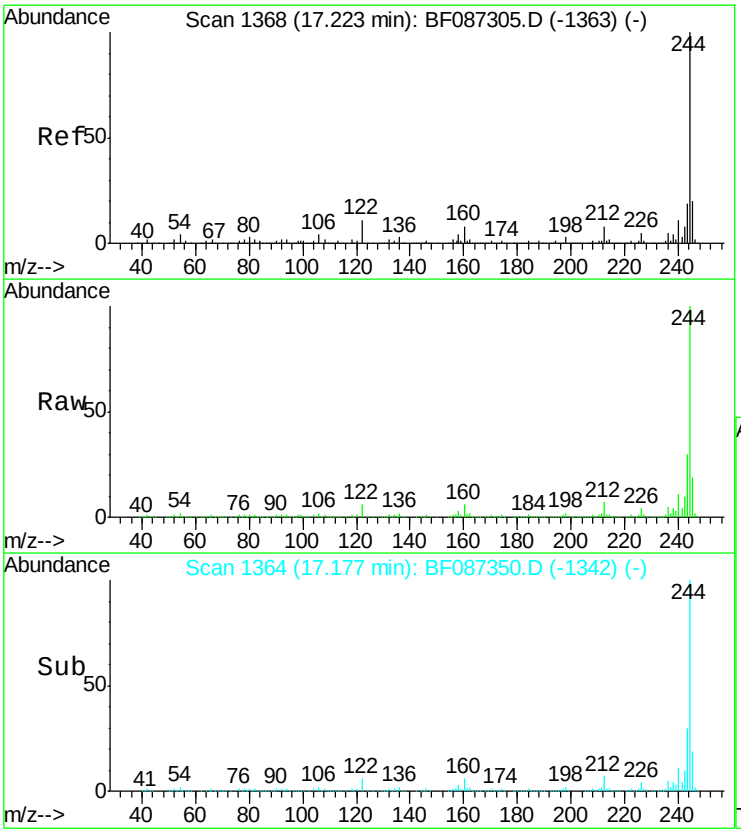
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.06 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Tgt Ion:240 Resp: 377828

Ion	Ratio	Lower	Upper
240	100		
120	14.3	11.2	16.8
236	25.9	21.2	31.8

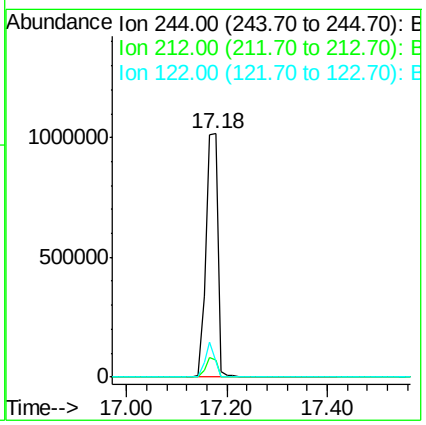


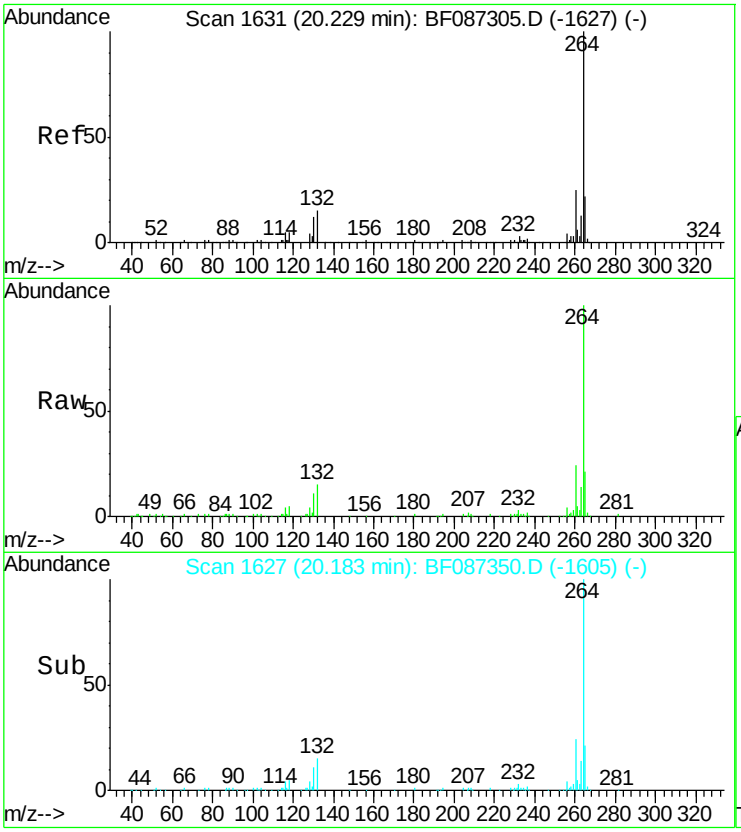


#78
Terphenyl-d14
Concen: 93.86 ng
RT: 17.18 min Scan# 1364
Delta R.T. -0.05 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion:244 Resp: 1668042

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	6.3	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 1627
Delta R.T. -0.05 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Tgt Ion:264 Resp: 265498

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.3	25.9