Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085034.D
Acq On : 12 Feb 2016 1:53
Operator : SJ/IZ
Sample : H1403-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-26

Quant Time: Feb 12 04:17:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	147474	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	637716	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	284767	20.00	ng		-0.02
63) Phenanthrene-d10	11.12	188	468616	20.00	ng		-0.02
75) Chrysene-d12	13.75	240	298702	20.00	ng		-0.02
86) Perylene-d12	15.11	264	274748	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	334716	35.35	ng		-0.01
7) Phenol-d6	6.26	99	259581	22.12	ng		-0.02
23) Nitrobenzene-d5	7.19	82	1048215	92.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.43	330	234135	78.82	ng		-0.02
44) 2-Fluorobiphenyl	8.98	172	1772425	123.34	ng		-0.01
78) Terphenyl-d14	12.72	244	1297751	98.45	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.27	94	39707	3.02	ng		89
15) Benzyl Alcohol	6.76	79	18587	2.29	ng	#	46
19) n-Nitroso-di-n-propylamine	7.19	70	143121	19.45	ng	#	78
27) 2,4-Dimethylphenol	7.68	122	35422	3.41	ng	#	1
32) Benzoic acid	7.68	122	35422	5.33	ng		98
49) Dimethylphthalate	9.38	163	175264	8.08	ng	#	90
56) 2,4-Dinitrotoluene	9.64	165	36842	6.10	ng	#	22
66) 4-Bromophenyl-phenylether	10.43	248	15271	2.95	ng	#	1
76) Benzidine	12.43	184	467	6.92	ng	#	1

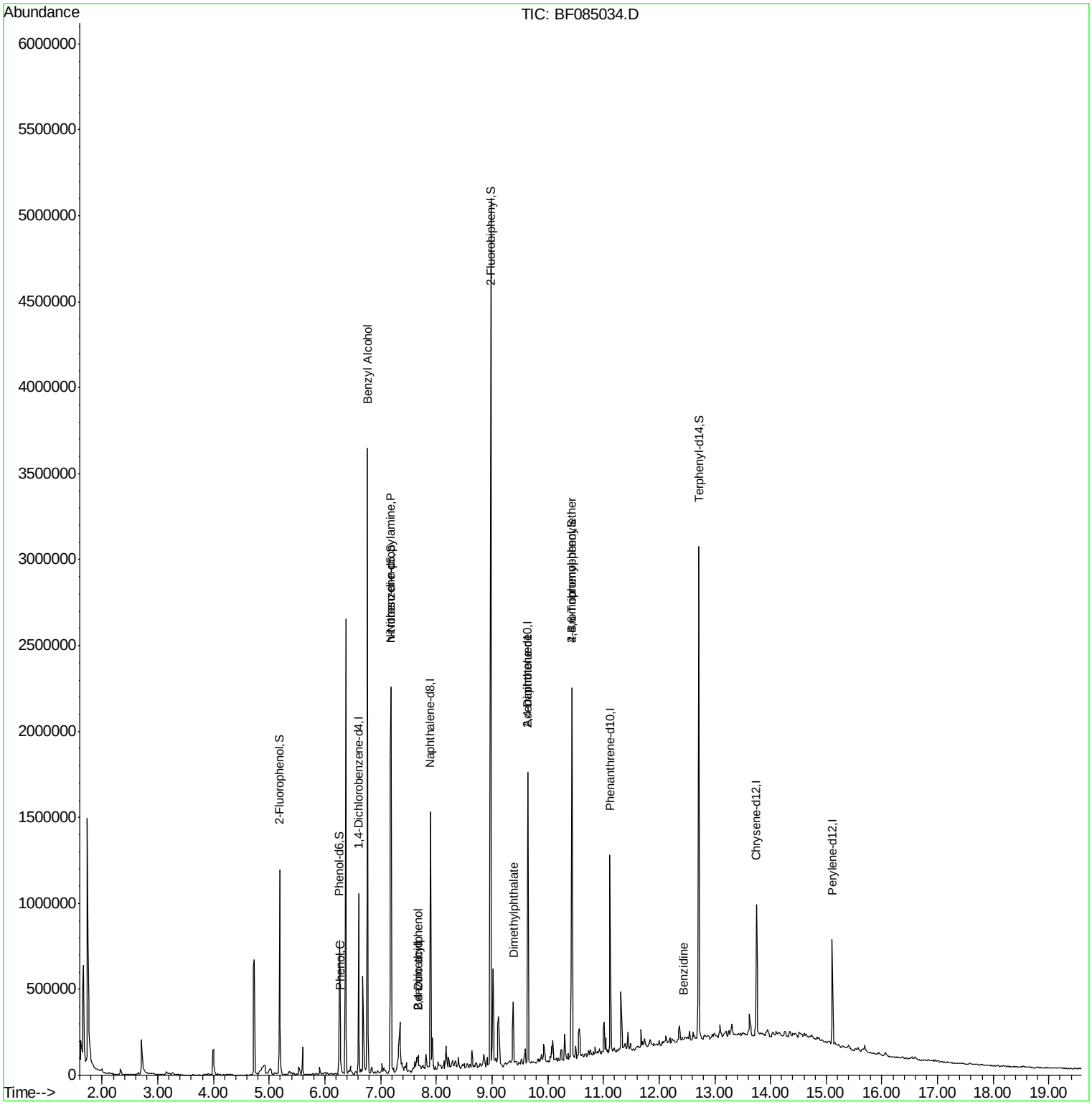
(#) = qualifier out of range (m) = manual integration (+) = signals summed

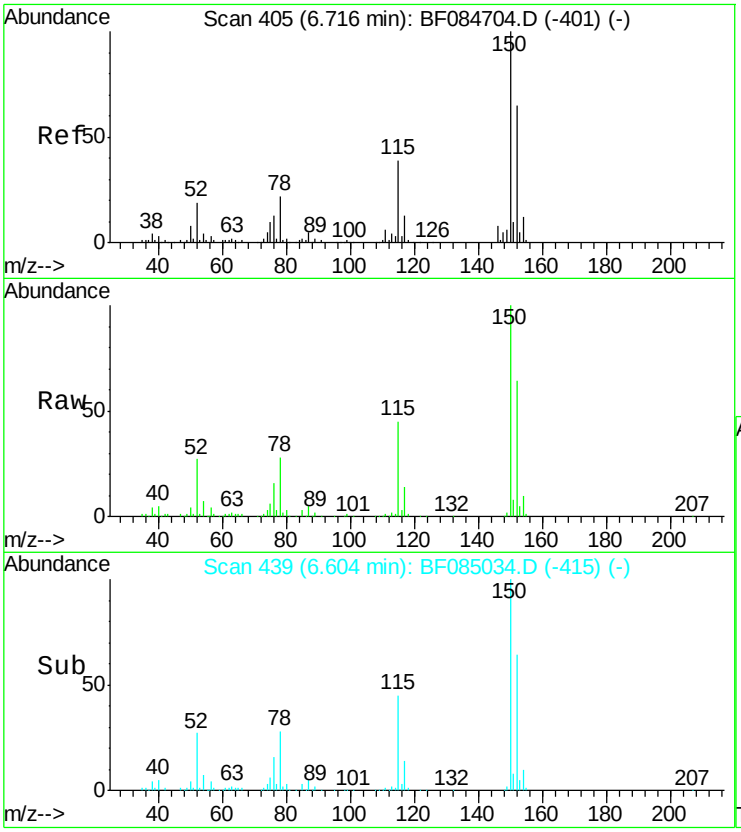
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085034.D
Acq On : 12 Feb 2016 1:53
Operator : SJ/IZ
Sample : H1403-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-26

Quant Time: Feb 12 04:17:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration



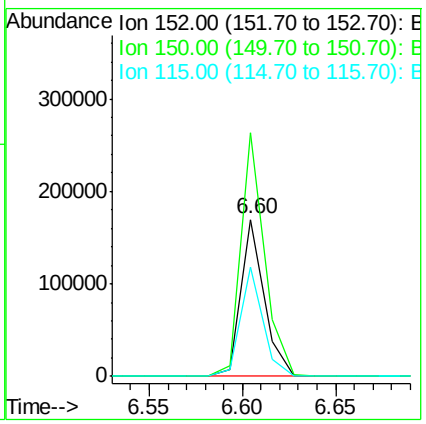


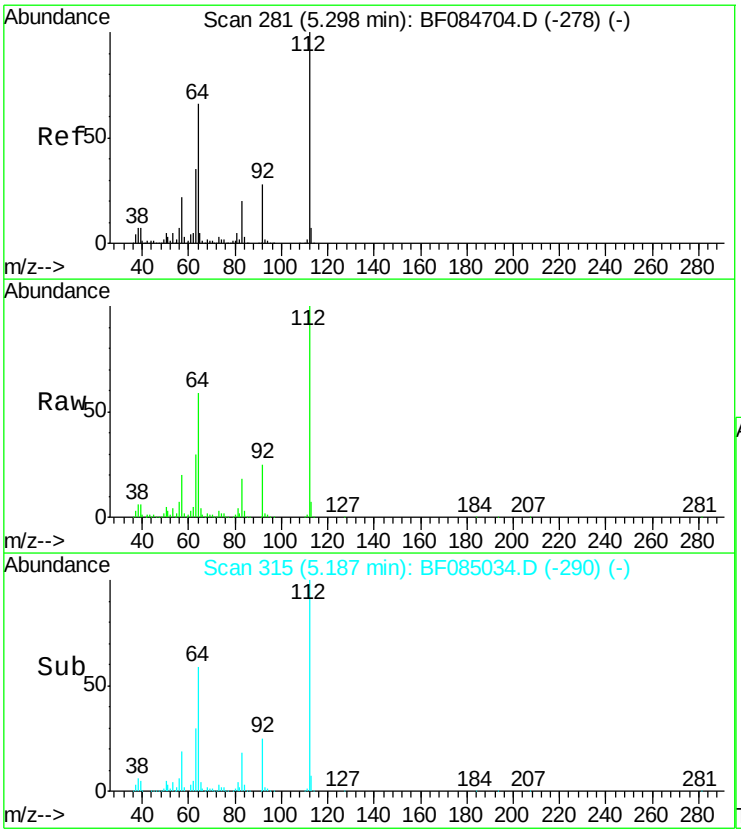
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion:152 Resp: 147474

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.0	184.4
115	69.7	51.4	77.2

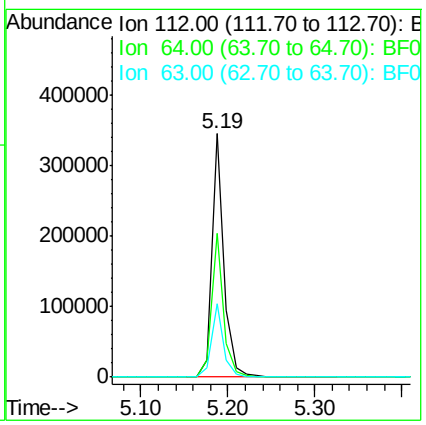


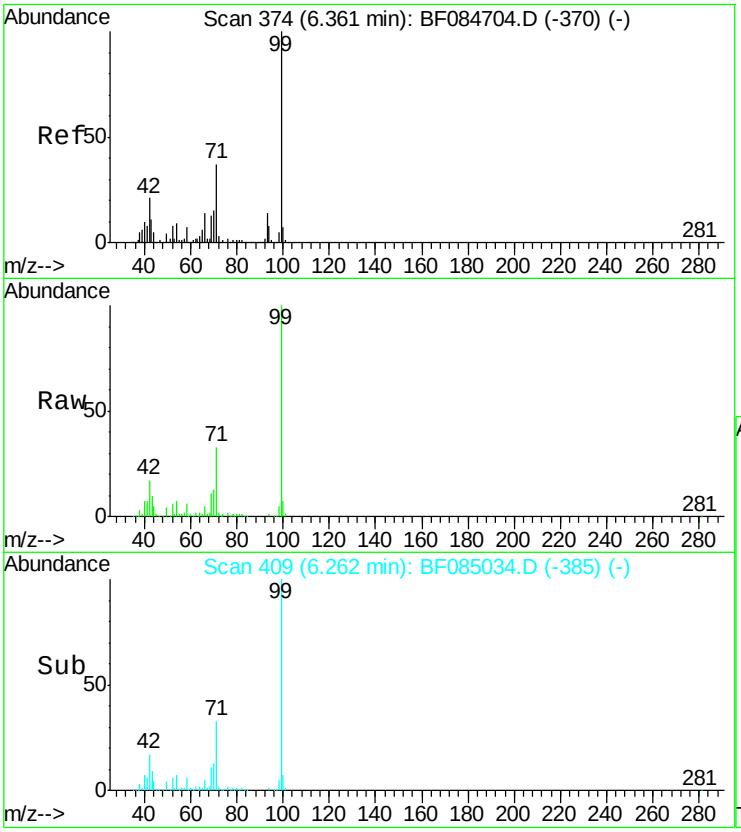


#5
2-Fluorophenol
Concen: 35.35 ng
RT: 5.19 min Scan# 315
Delta R.T. -0.01 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Tgt Ion:112 Resp: 334716

Ion	Ratio	Lower	Upper
112	100		
64	59.2	36.6	55.0#
63	30.0	19.4	29.0#



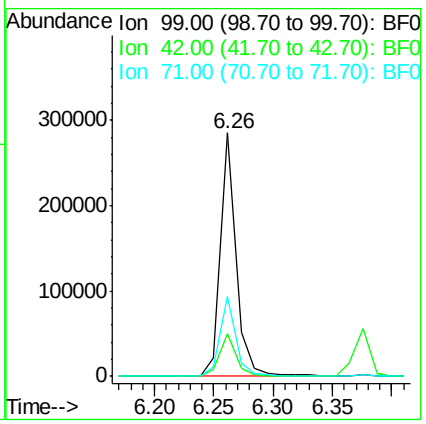


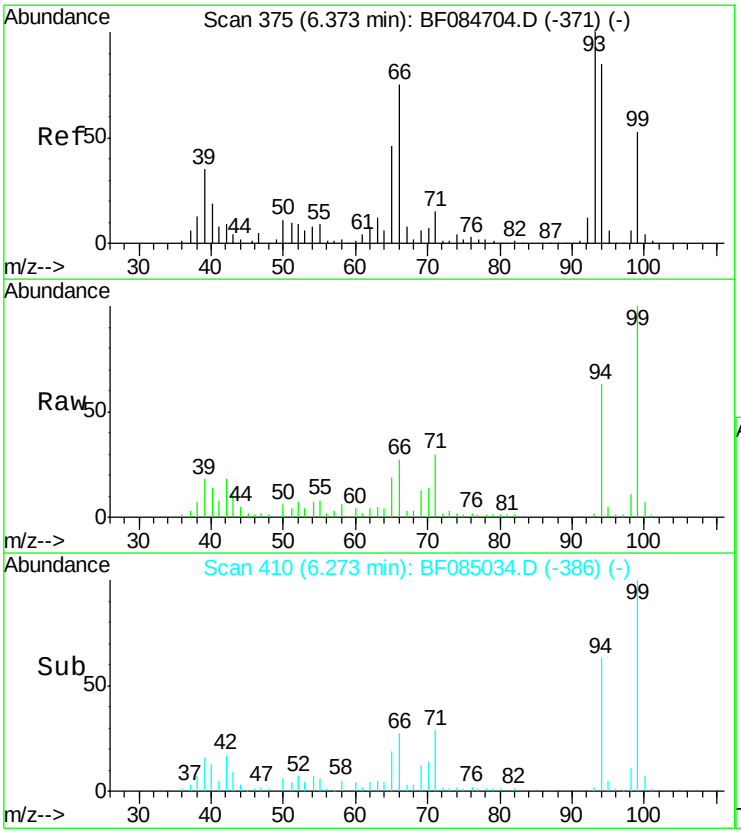
#7
Phenol-d6
Concen: 22.12 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion: 99 Resp: 259581

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.8	19.2
71	33.0	30.9	46.3

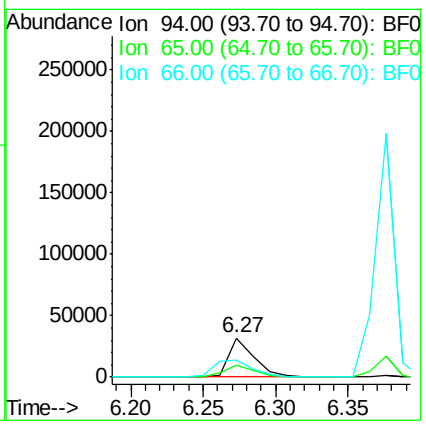


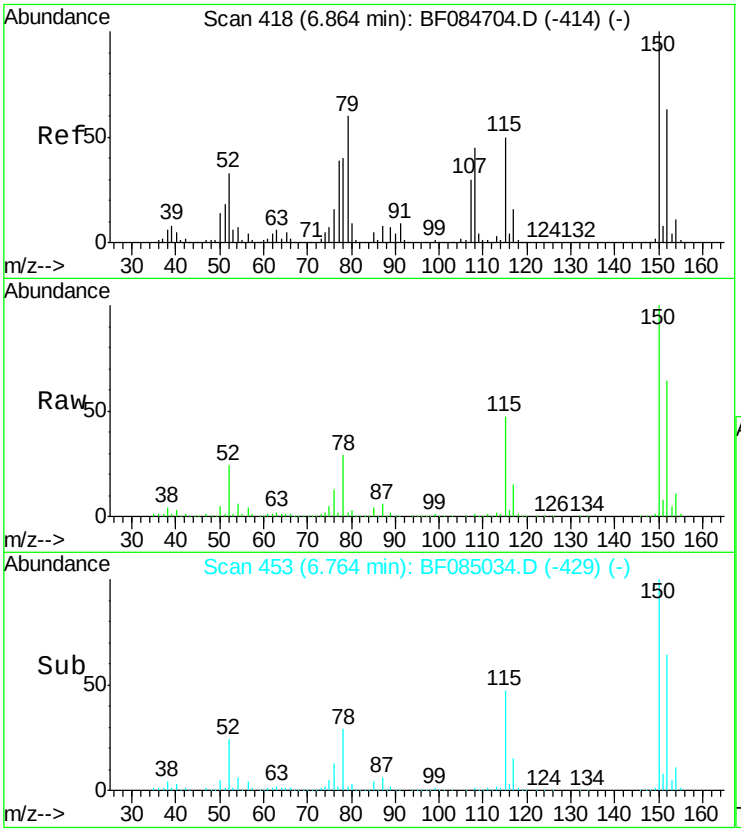


#10
Phenol
Concen: 3.02 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Tgt Ion: 94 Resp: 39707

Ion	Ratio	Lower	Upper
94	100		
65	29.5	12.9	52.9
66	42.3	32.7	72.7



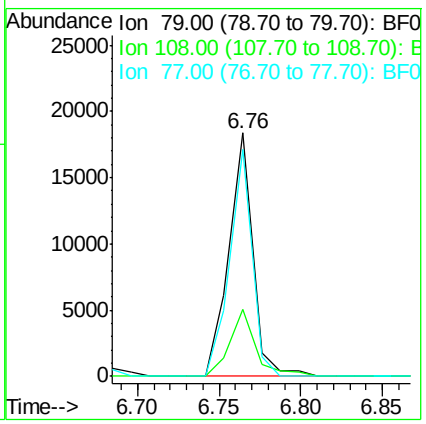


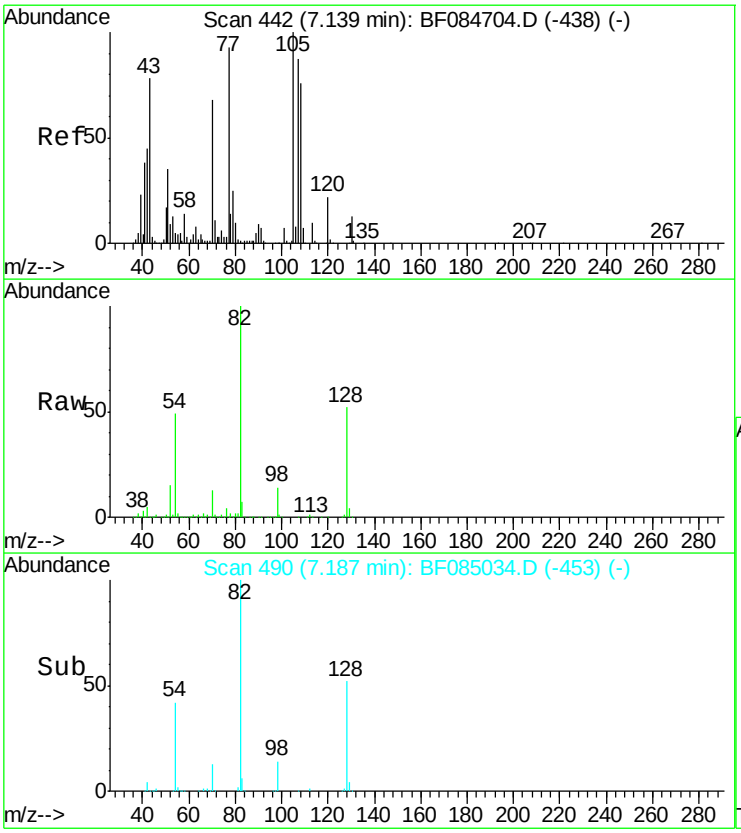
#15
Benzyl Alcohol
Concen: 2.29 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion: 79 Resp: 18587

Ion	Ratio	Lower	Upper
79	100		
108	27.4	69.0	103.4#
77	93.4	50.0	75.0#

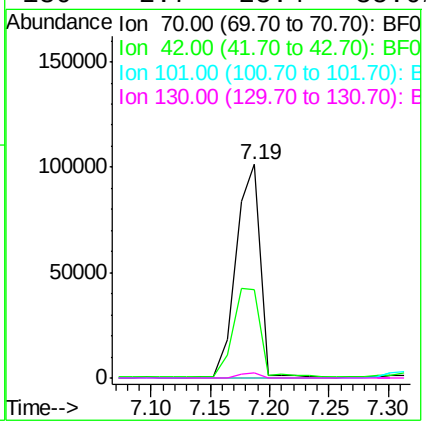


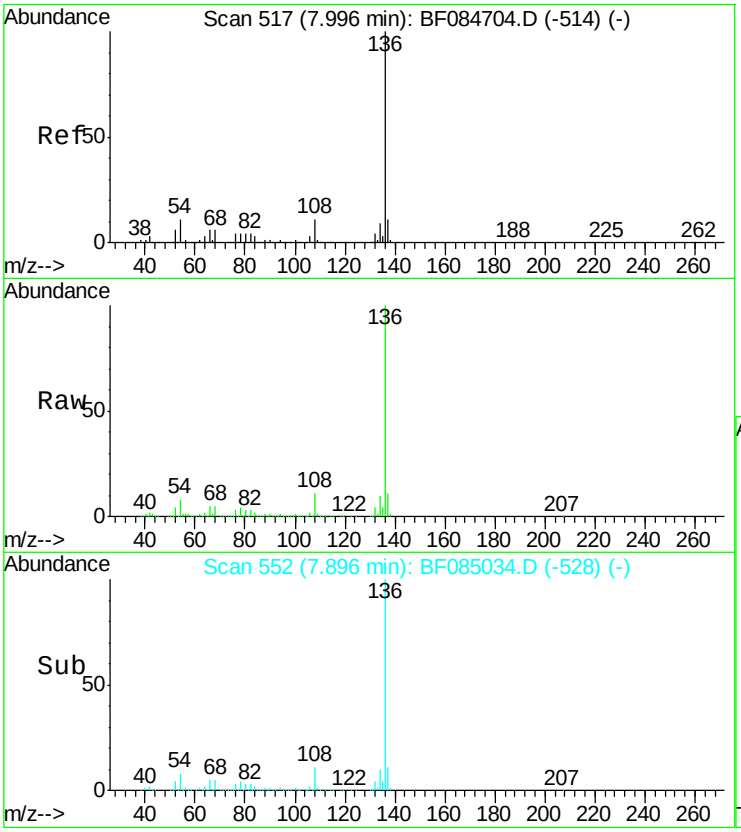


#19
n-Nitroso-di-n-propylamine
Concen: 19.45 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.13 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Tgt Ion: 70 Resp: 143121

Ion	Ratio	Lower	Upper
70	100		
42	41.2	33.3	49.9
101	0.0	9.3	13.9#
130	2.7	23.4	35.0#



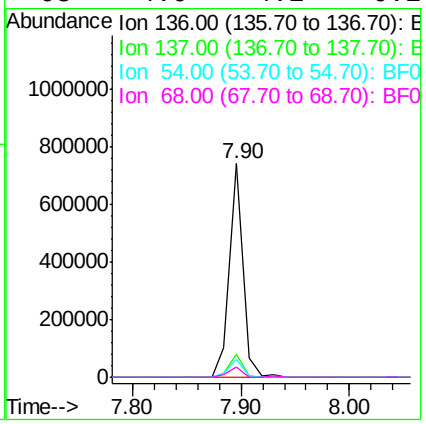


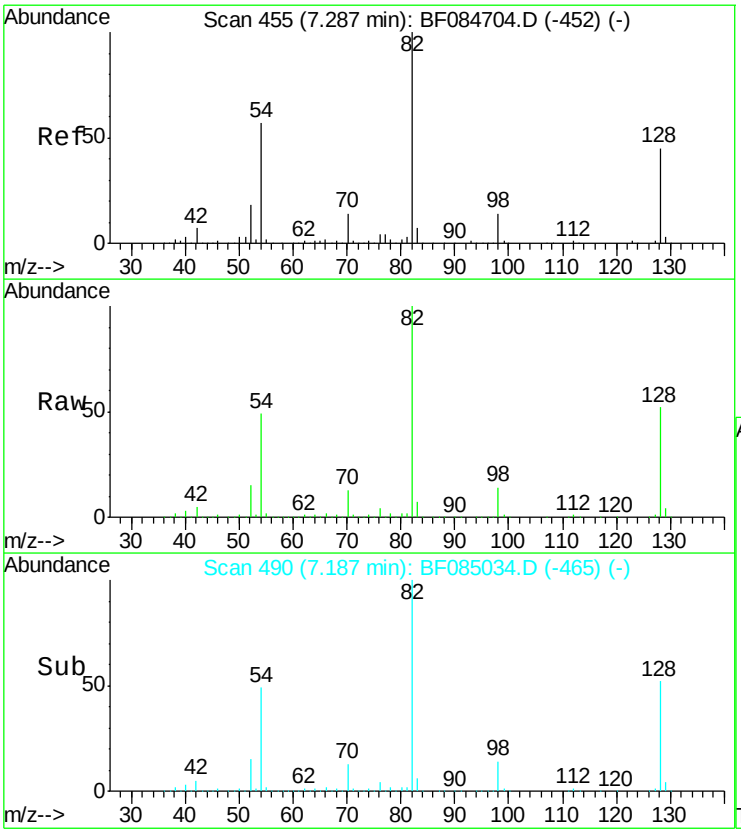
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion:136 Resp: 637716

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.4	5.8	8.8
68	4.9	4.2	6.2

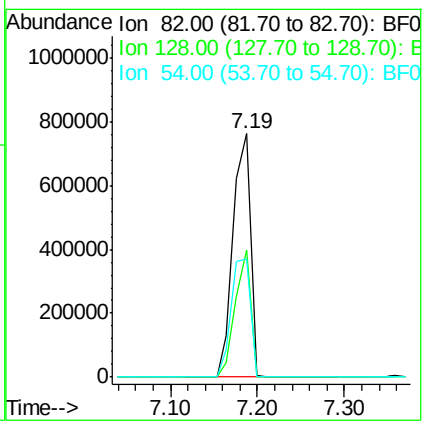


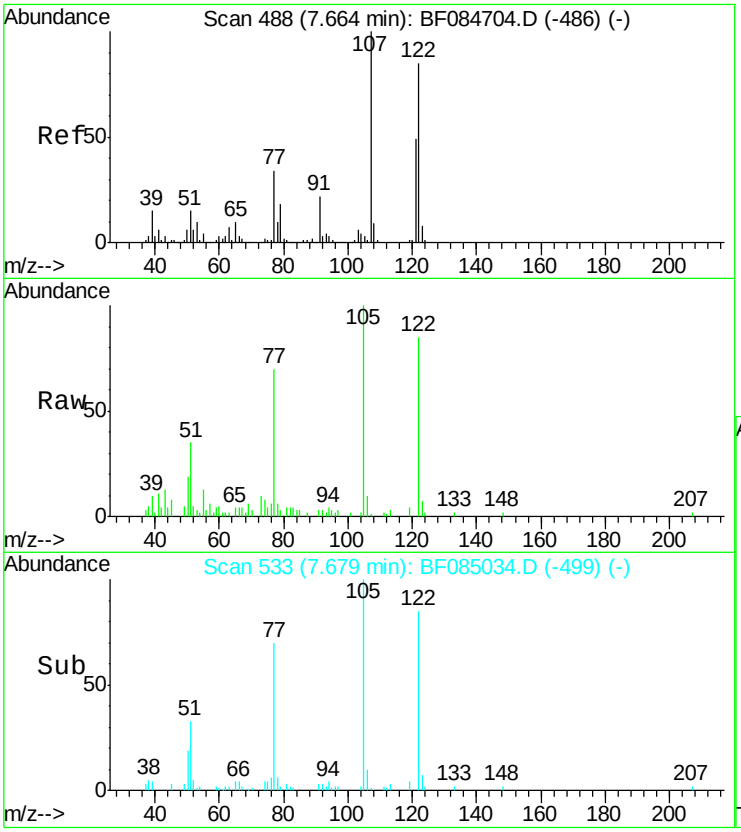


#23
Nitrobenzene-d5
Concen: 92.59 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Tgt Ion: 82 Resp: 1048215

Ion	Ratio	Lower	Upper
82	100		
128	52.1	34.6	51.8#
54	48.6	38.4	57.6



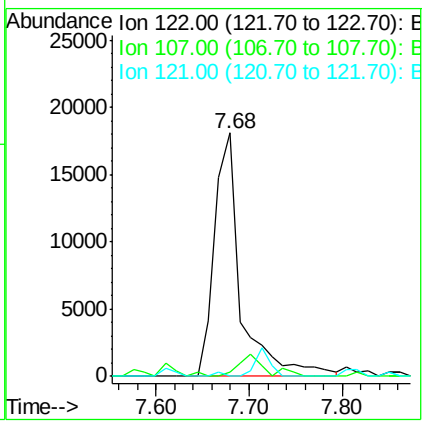


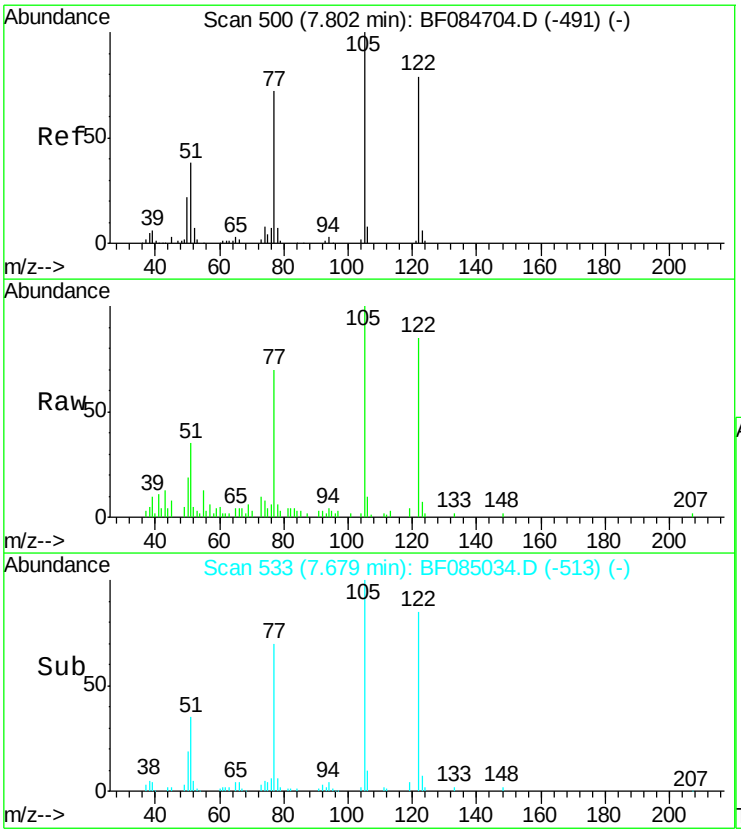
#27
2,4-Dimethylphenol
Concen: 3.41 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.09 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion:122 Resp: 35422

Ion	Ratio	Lower	Upper
122	100		
107	1.7	99.1	148.7#
121	0.0	47.9	71.9#

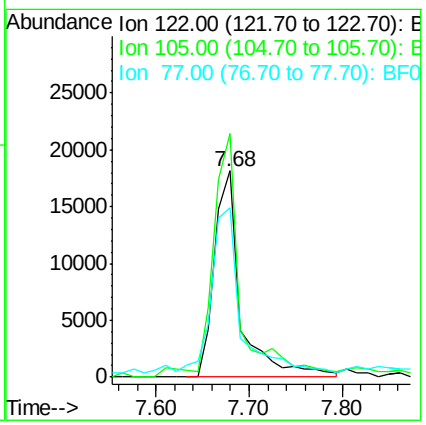


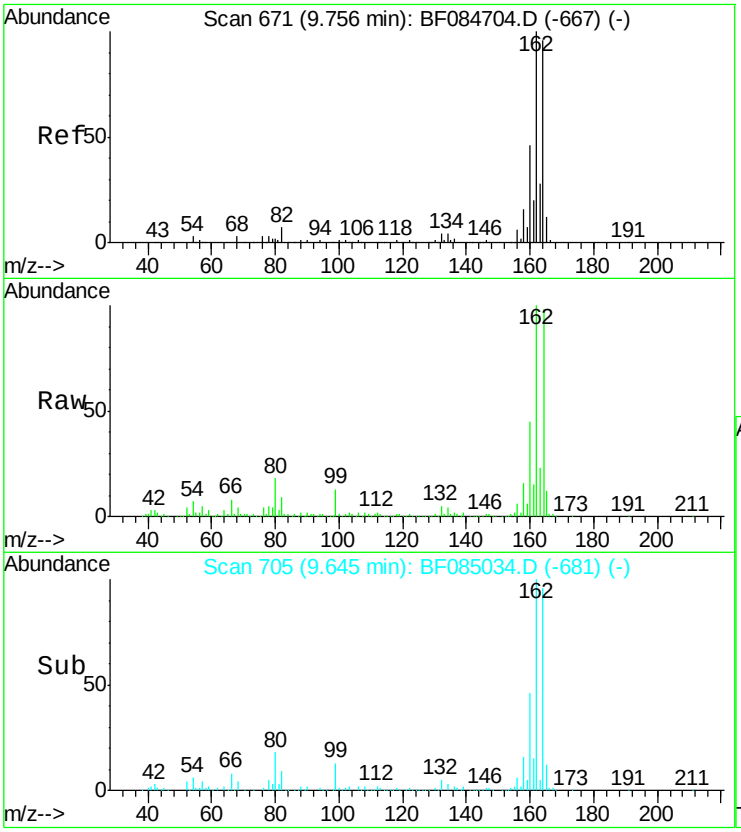


#32
Benzoic acid
Concen: 5.33 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.07 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Tgt Ion:122 Resp: 35422

Ion	Ratio	Lower	Upper
122	100		
105	118.2	100.3	140.3
77	82.5	63.5	103.5



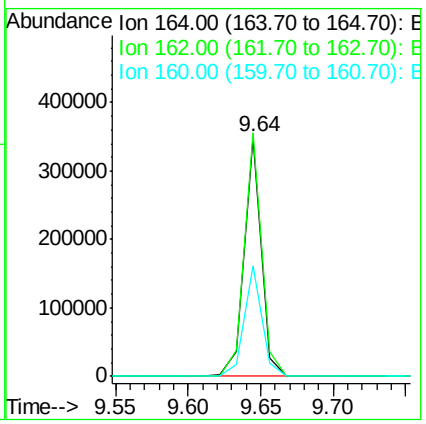


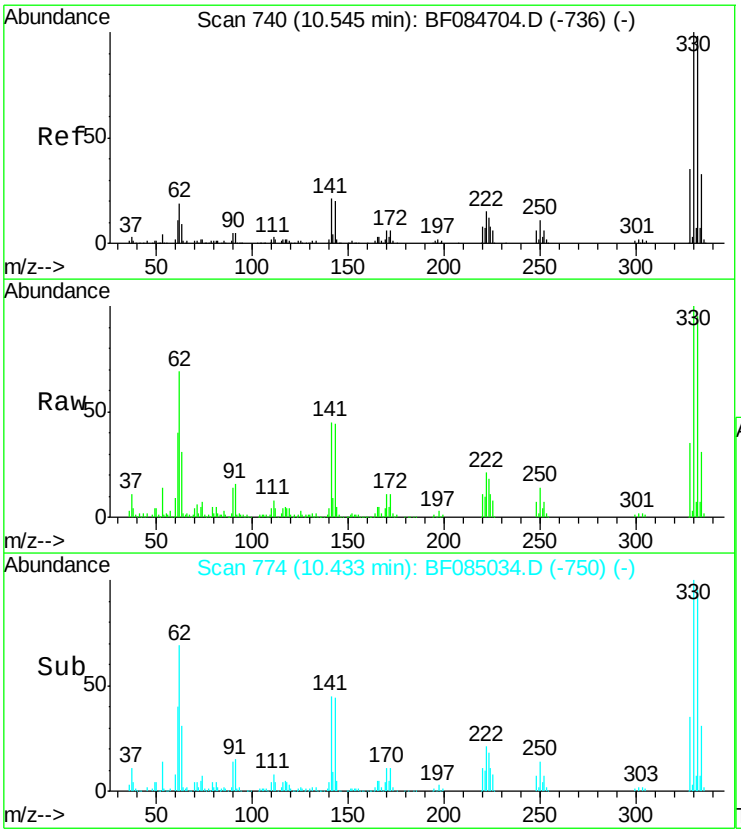
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion:164 Resp: 284767

Ion	Ratio	Lower	Upper
164	100		
162	101.9	85.1	127.7
160	46.4	37.5	56.3

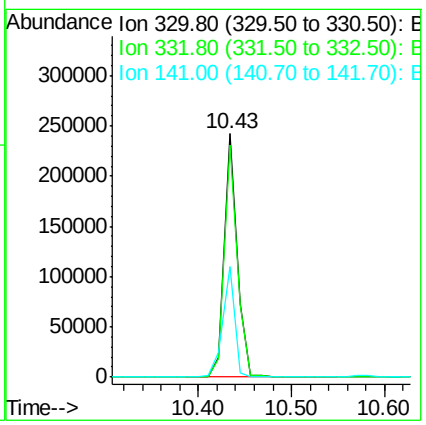


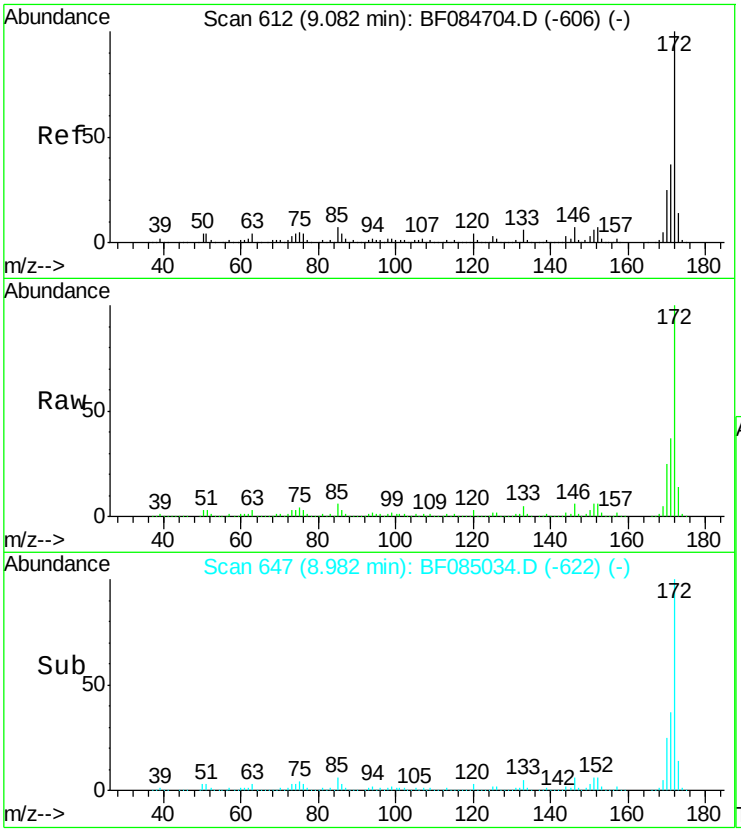


#41
2,4,6-Tribromophenol
Concen: 78.82 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Tgt Ion:330 Resp: 234135

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	41.1	27.8	41.6



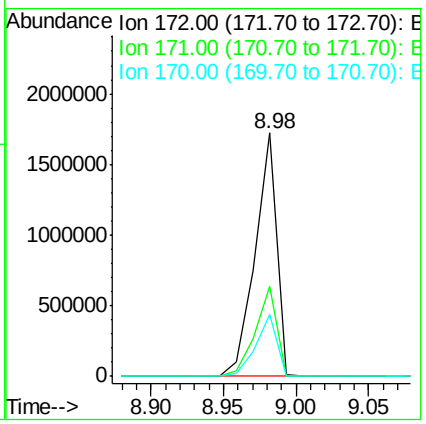


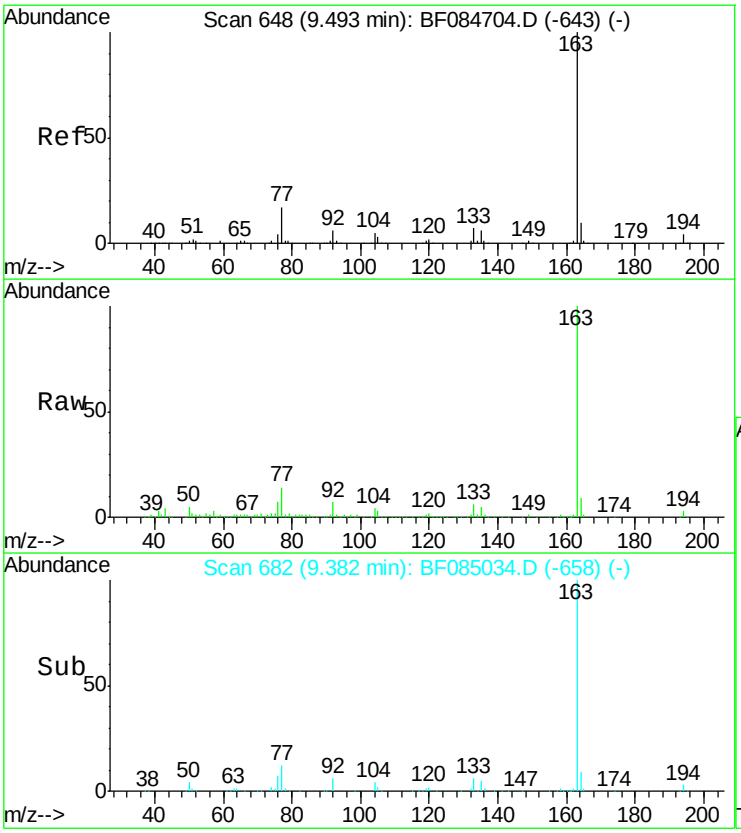
#44
2-Fluorobiphenyl
Concen: 123.34 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion:172 Resp: 1772425

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	25.4	18.6	27.8

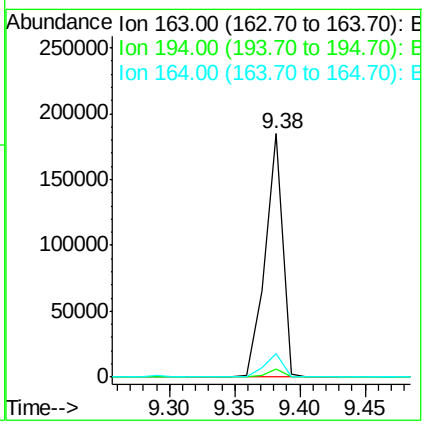


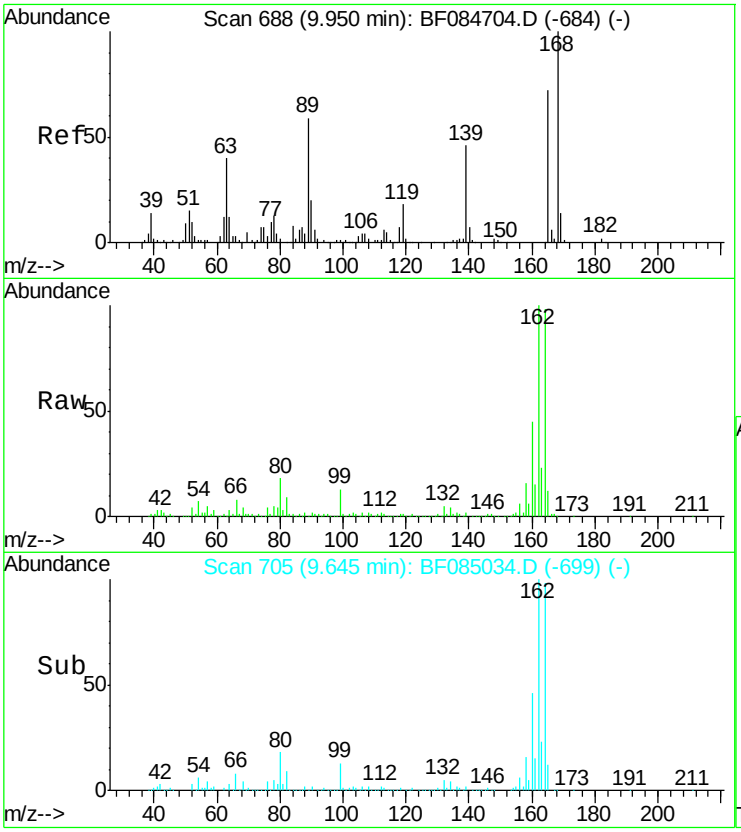


#49
Dimethylphthalate
Concen: 8.08 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Tgt Ion:163 Resp: 175264

Ion	Ratio	Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	9.4	8.0	12.0



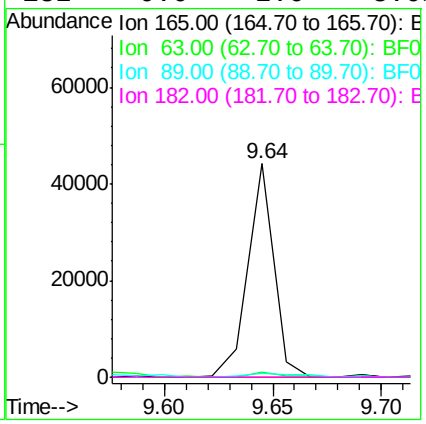


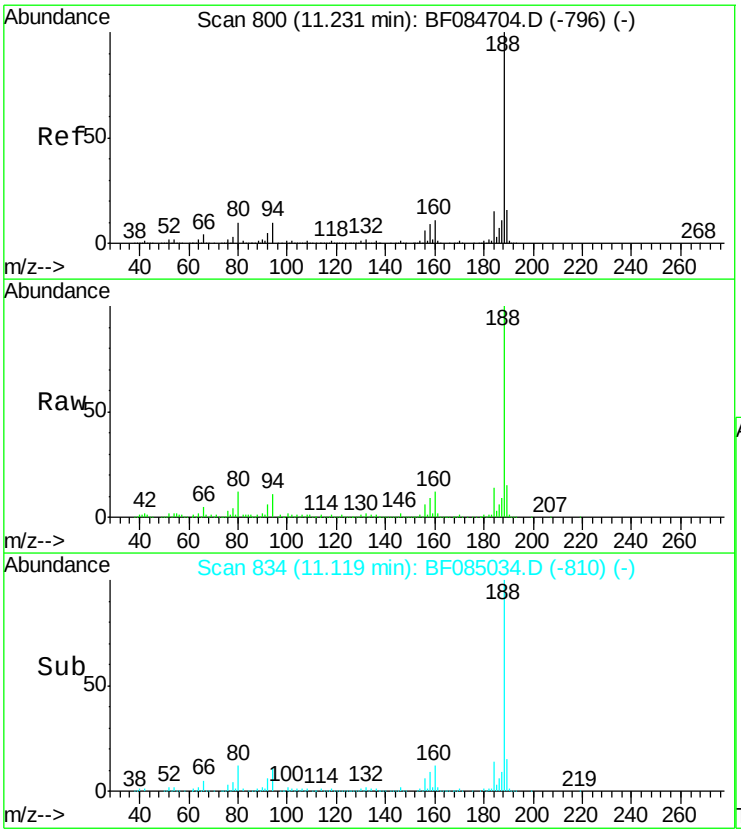
#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.23 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion:165 Resp: 36842

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.7	55.1#
89	1.9	61.9	92.9#
182	0.0	2.0	3.0#

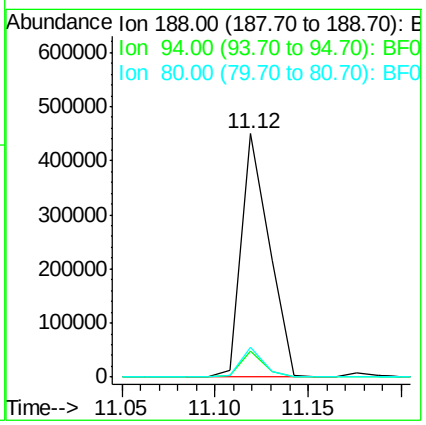


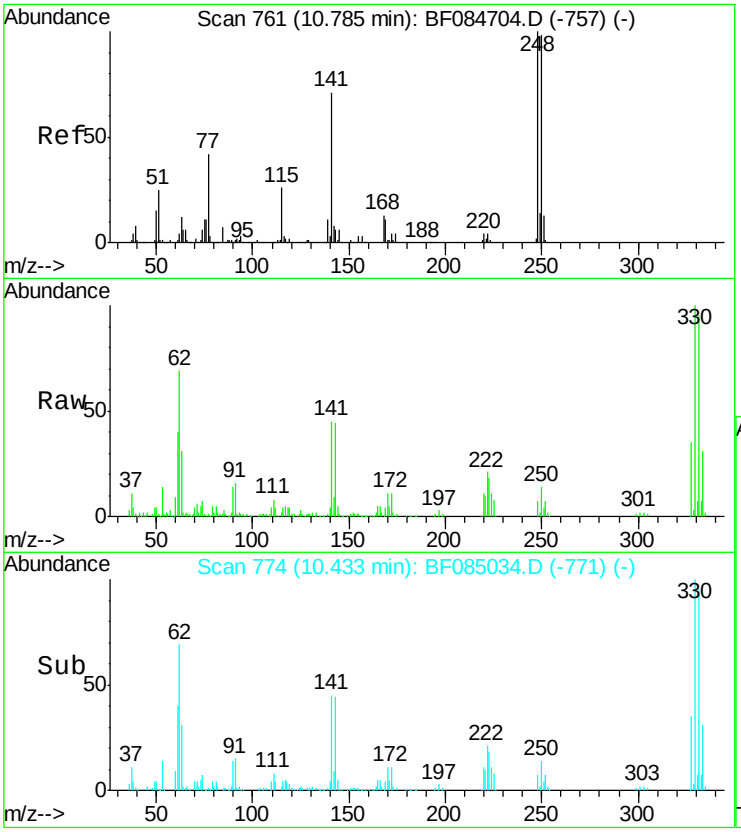


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Tgt Ion:188 Resp: 468616

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.0	13.4
80	12.1	9.6	14.4



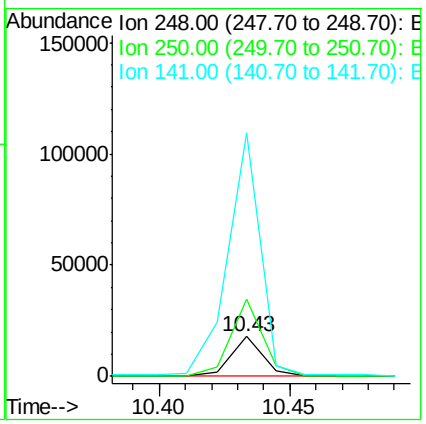


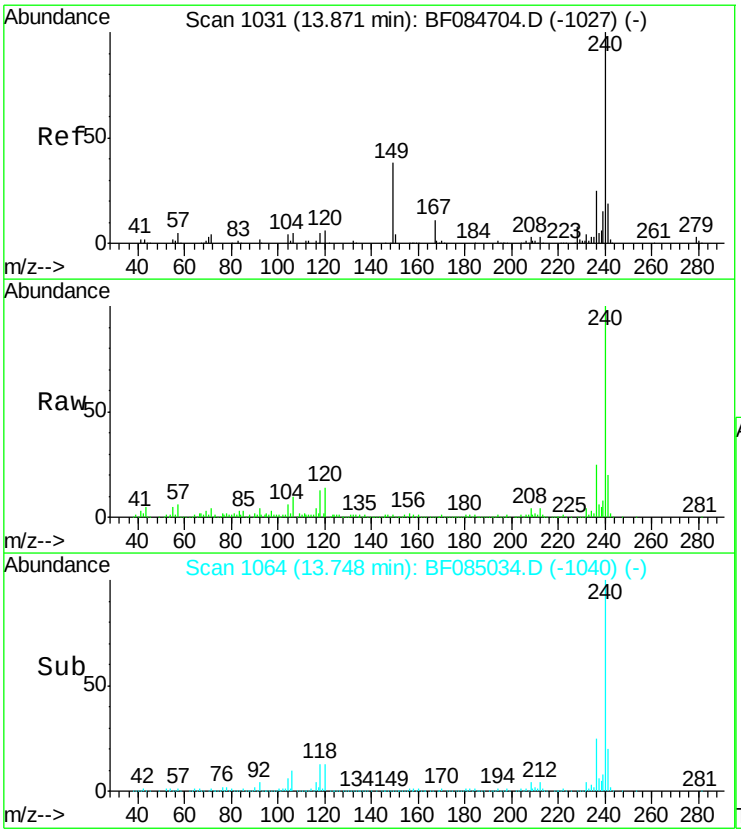
#66
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion:248 Resp: 15271

Ion	Ratio	Lower	Upper
248	100		
250	195.2	78.4	117.6#
141	614.4	44.0	66.0#

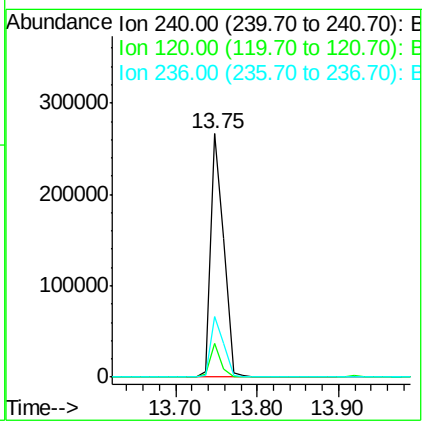


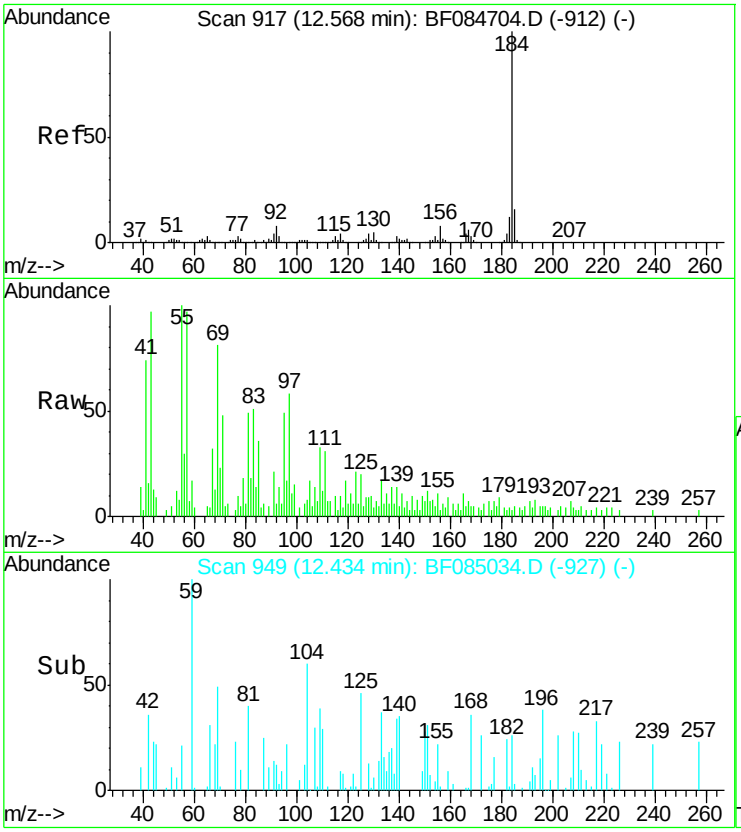


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Tgt Ion:240 Resp: 298702

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.0	20.6	31.0



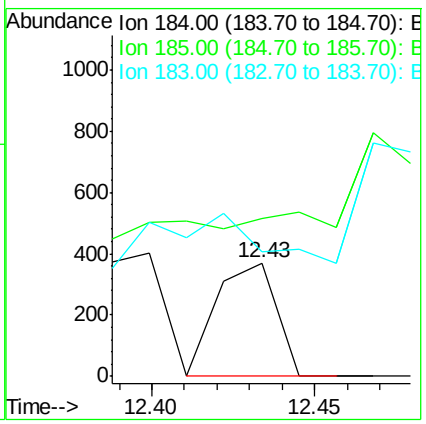


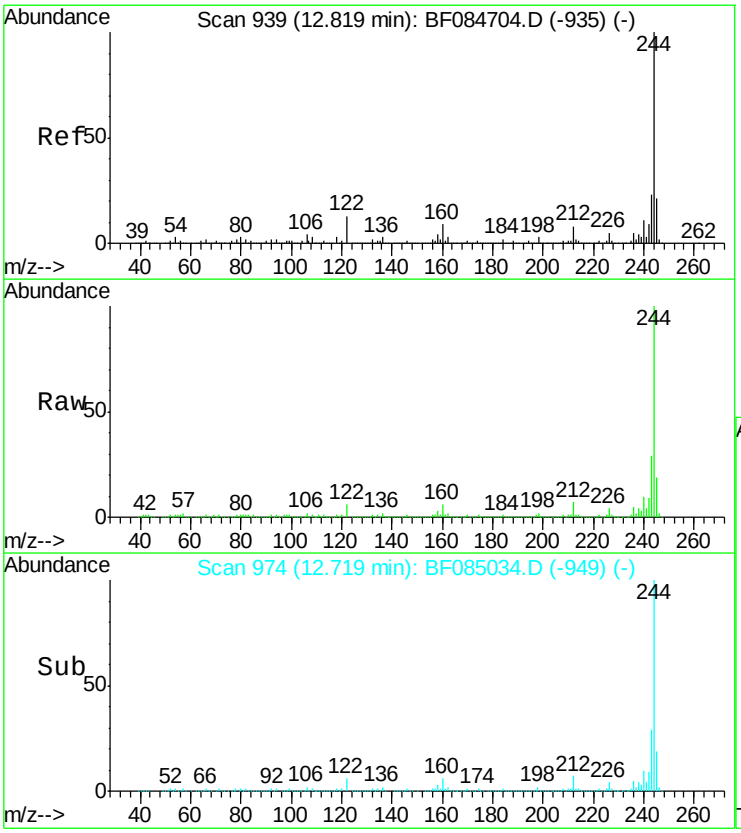
#76
Benzidine
Concen: 6.92 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.05 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion:184 Resp: 467

Ion	Ratio	Lower	Upper
184	100		
185	138.9	12.2	18.2#
183	110.0	9.8	14.8#

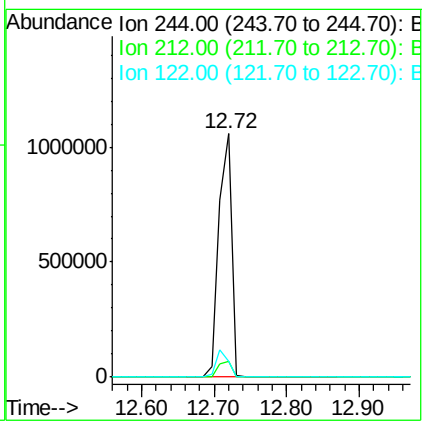


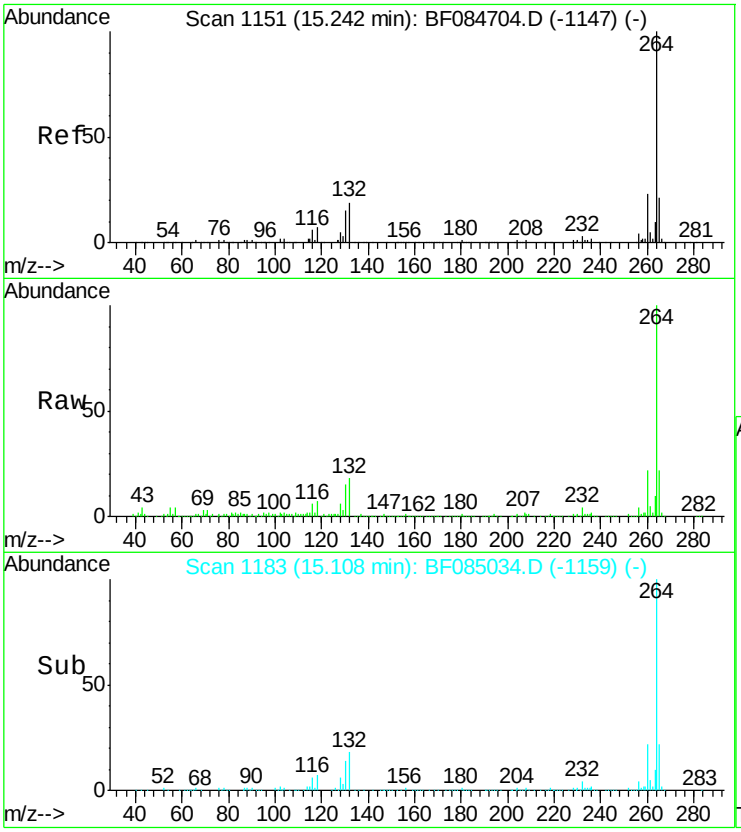


#78
Terphenyl-d14
Concen: 98.45 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Tgt Ion:244 Resp: 1297751

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	6.3	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion:264 Resp: 274748

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.4	29.2
265	21.6	17.8	26.6