Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
Data File : BF084921.D
Acq On : 6 Feb 2016 19:35
Operator : SJ/IZ
Sample : H1348-02
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OUTFALL-002

Quant Time: Feb 08 01:25:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	164892	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	650161	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	286009	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	458609	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	332889	20.00	ng	-0.03
86) Perylene-d12	15.17	264	317054	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	326103	30.80	ng	-0.02
7) Phenol-d6	6.32	99	254403	19.38	ng	-0.02
23) Nitrobenzene-d5	7.23	82	757677	65.65	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	205078	68.74	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1288980	72.17	ng	-0.03
78) Terphenyl-d14	12.76	244	974255	66.32	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	103618	12.60	ng	# 73
49) Dimethylphthalate	9.42	163	270478	12.42	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	36748	6.05	ng	# 22
66) 4-Bromophenyl-phenylether	10.49	248	11632	2.30	ng	# 1

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

Quantitation Report (Not Reviewed)

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Misc :
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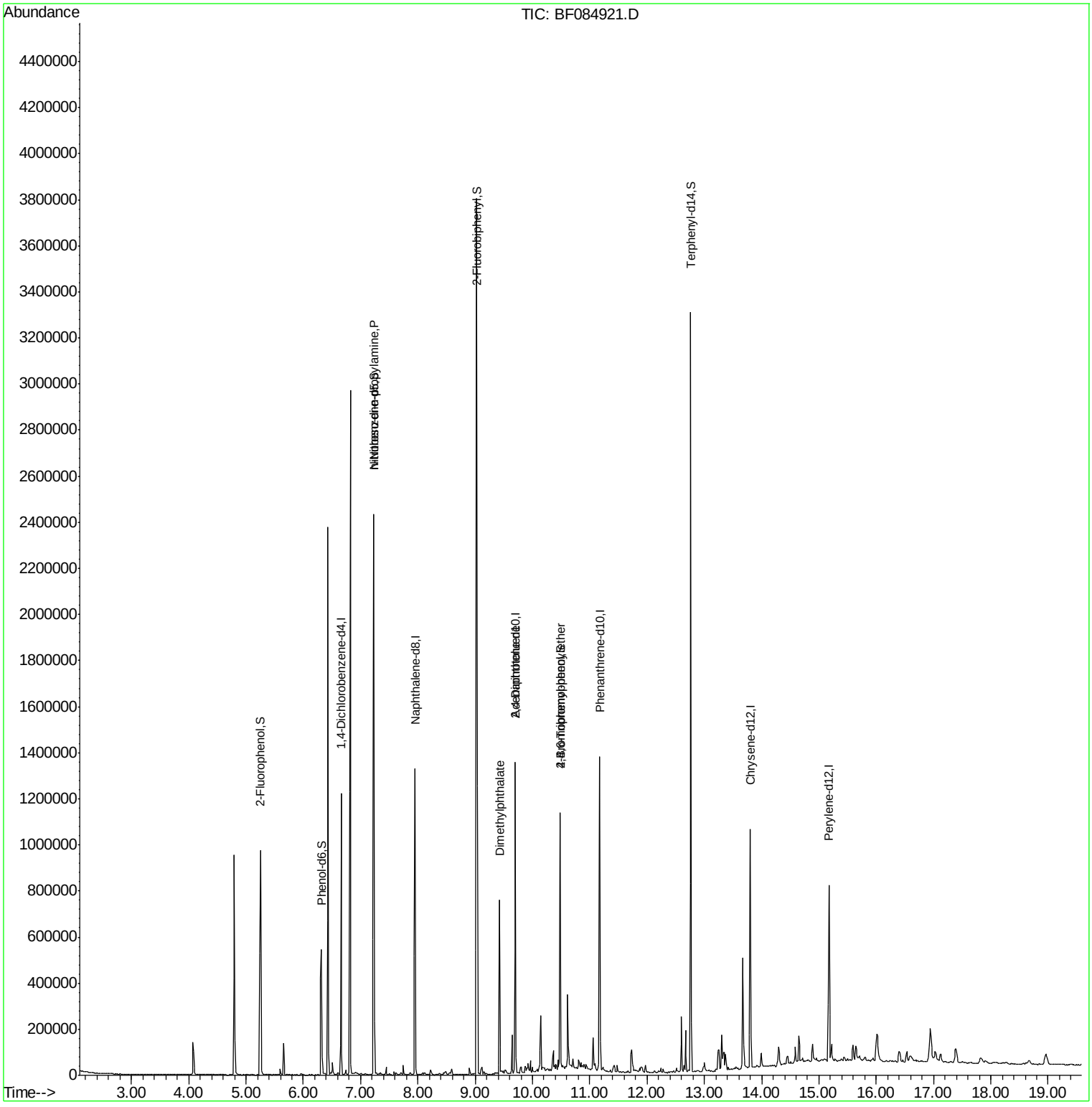
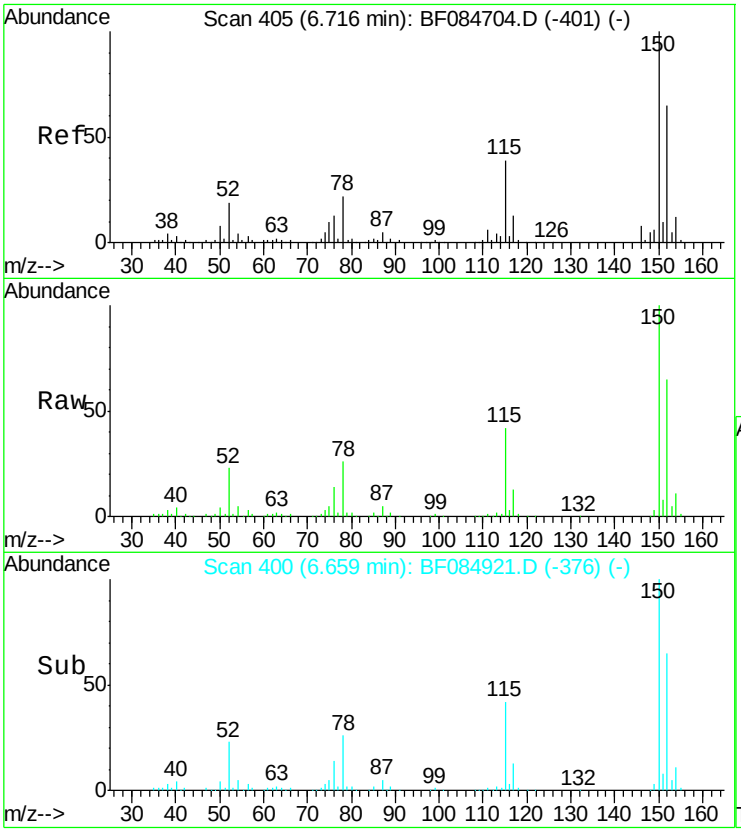


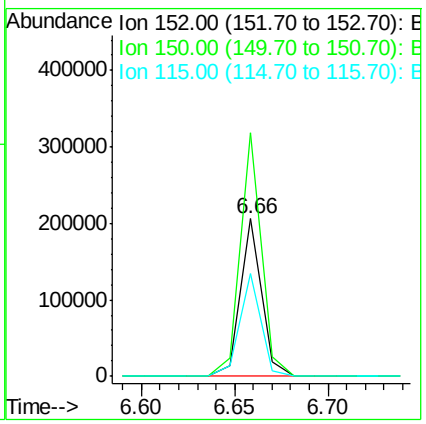


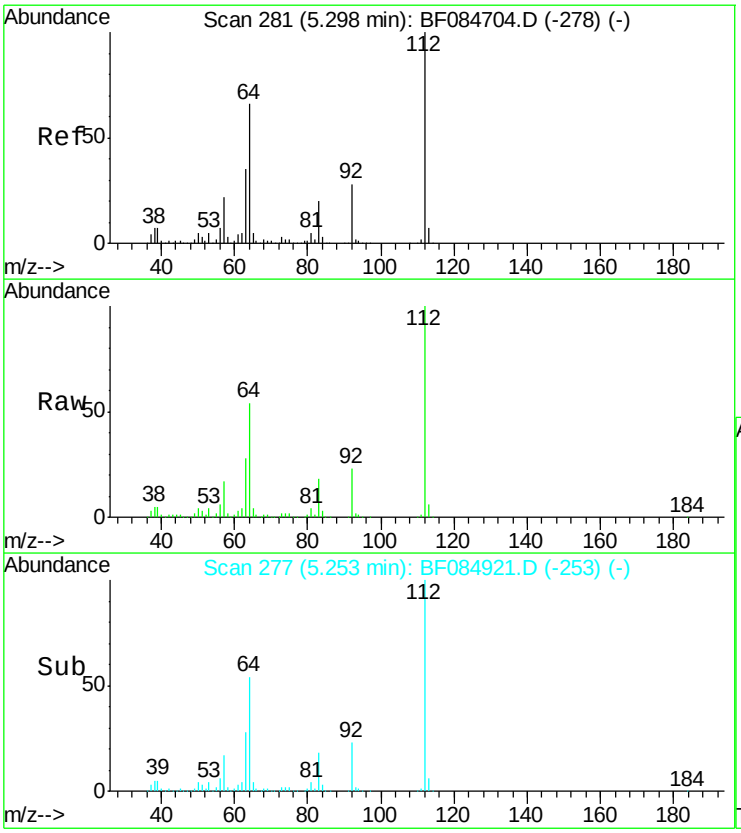
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
OUTFALL-002

Tgt Ion:152 Resp: 164892

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.0	184.4
115	65.6	51.4	77.2

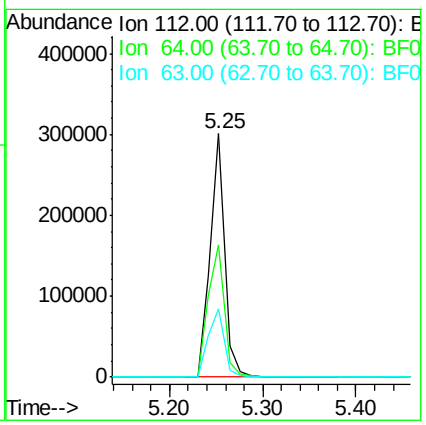


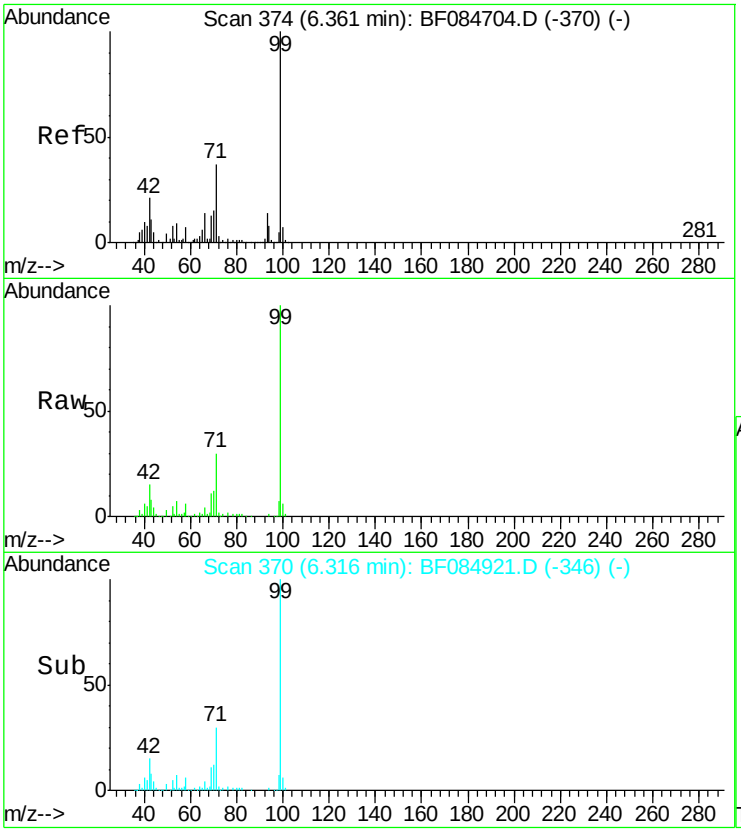


#5
2-Fluorophenol
Concen: 30.80 ng
RT: 5.25 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Tgt Ion:112 Resp: 326103

Ion	Ratio	Lower	Upper
112	100		
64	54.3	36.6	55.0
63	28.2	19.4	29.0



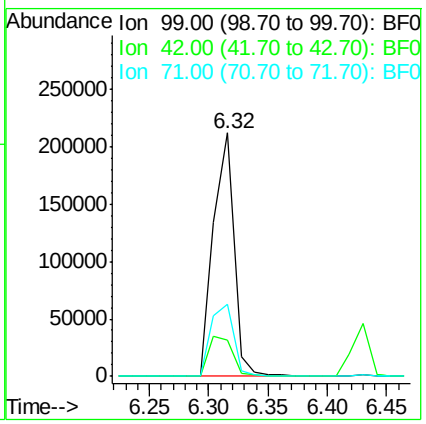


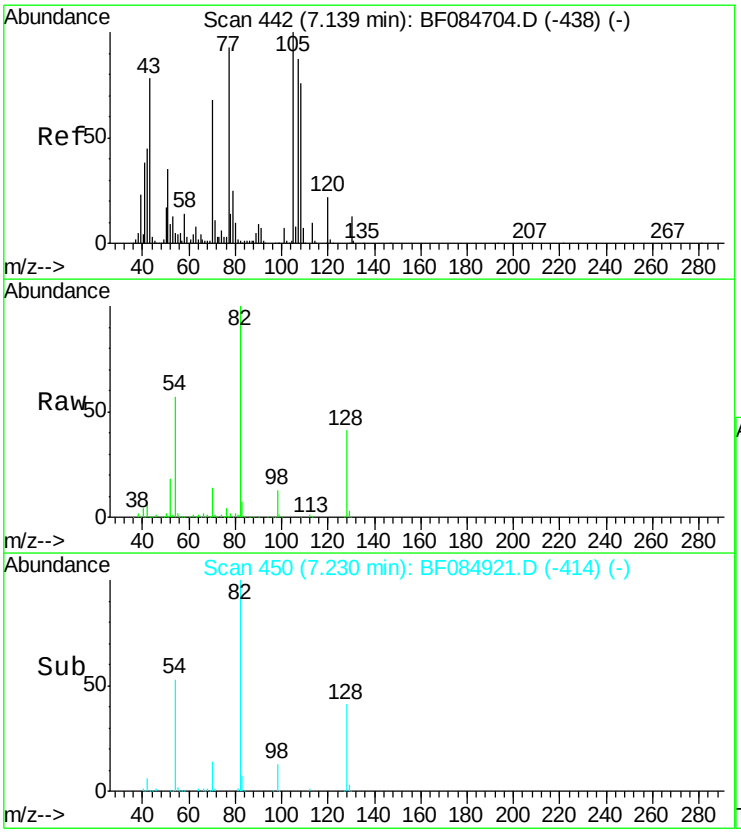
#7
Phenol-d6
Concen: 19.38 ng
RT: 6.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
OUTFALL-002

Tgt Ion: 99 Resp: 254403

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.8	19.2
71	29.6	30.9	46.3#

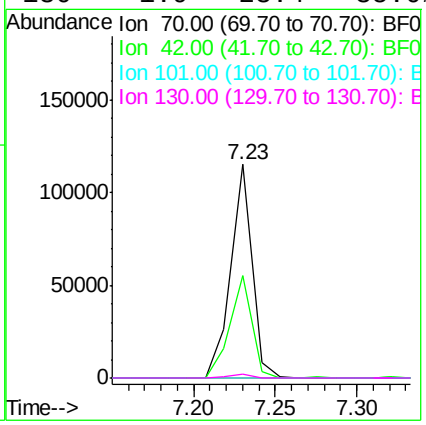


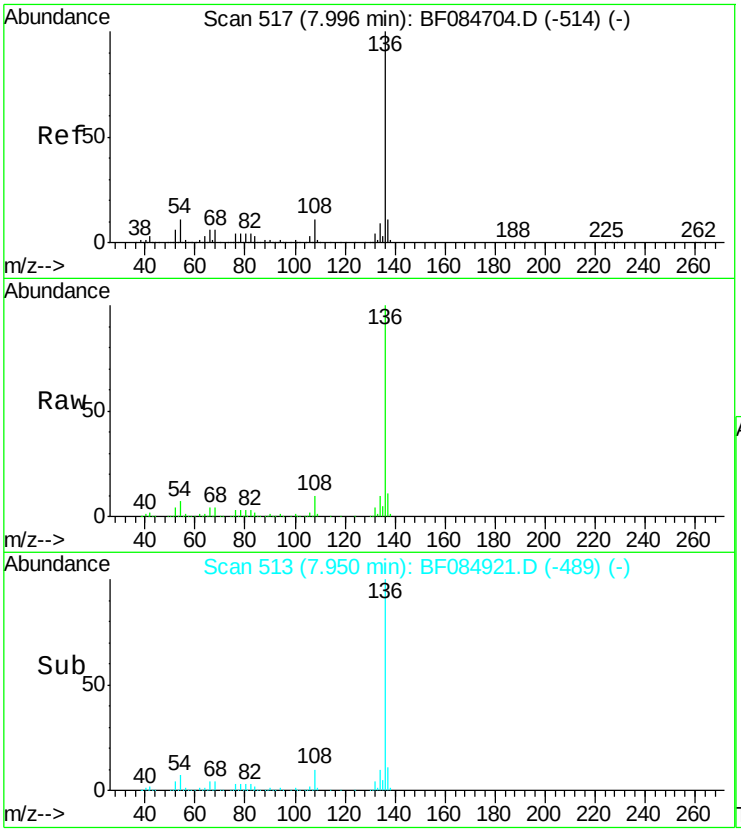


#19
n-Nitroso-di-n-propylamine
Concen: 12.60 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Tgt Ion: 70 Resp: 103618

Ion	Ratio	Lower	Upper
70	100		
42	48.0	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



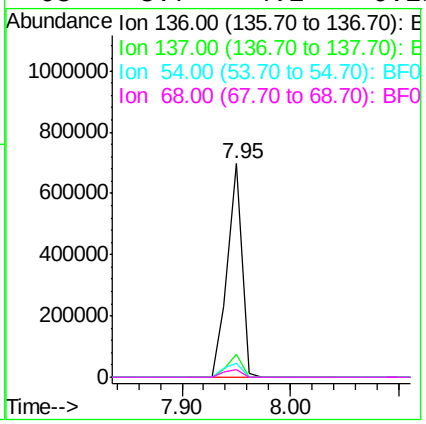


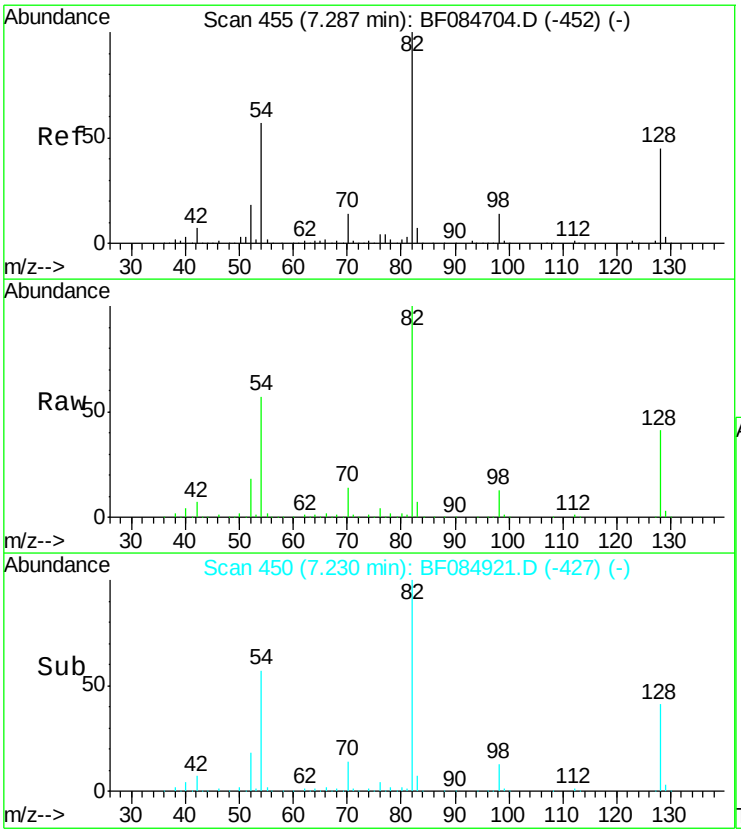
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
OUTFALL-002

Tgt Ion:136 Resp: 650161

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.8	8.8
68	3.7	4.2	6.2#

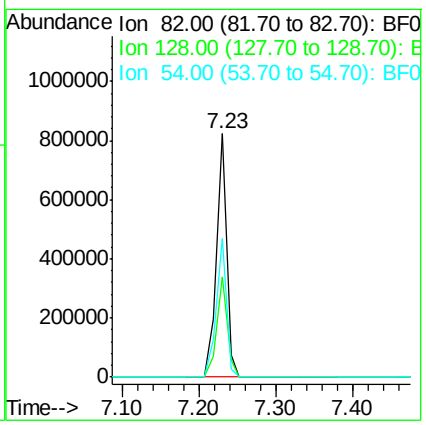


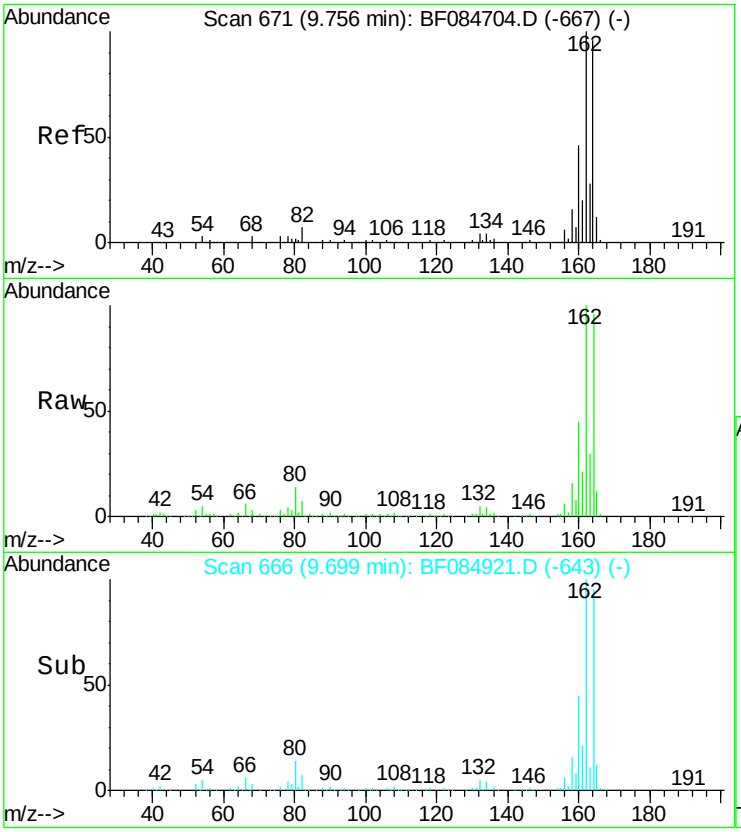


#23
Nitrobenzene-d5
Concen: 65.65 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Tgt Ion: 82 Resp: 757677

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	51.8
54	57.1	38.4	57.6



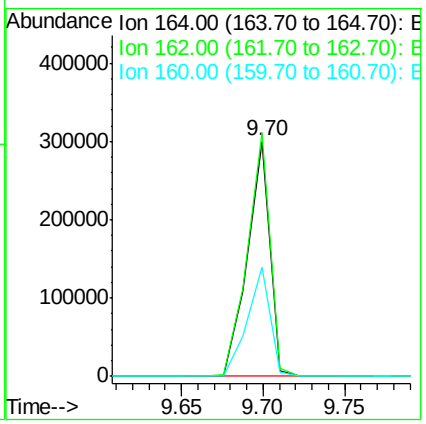


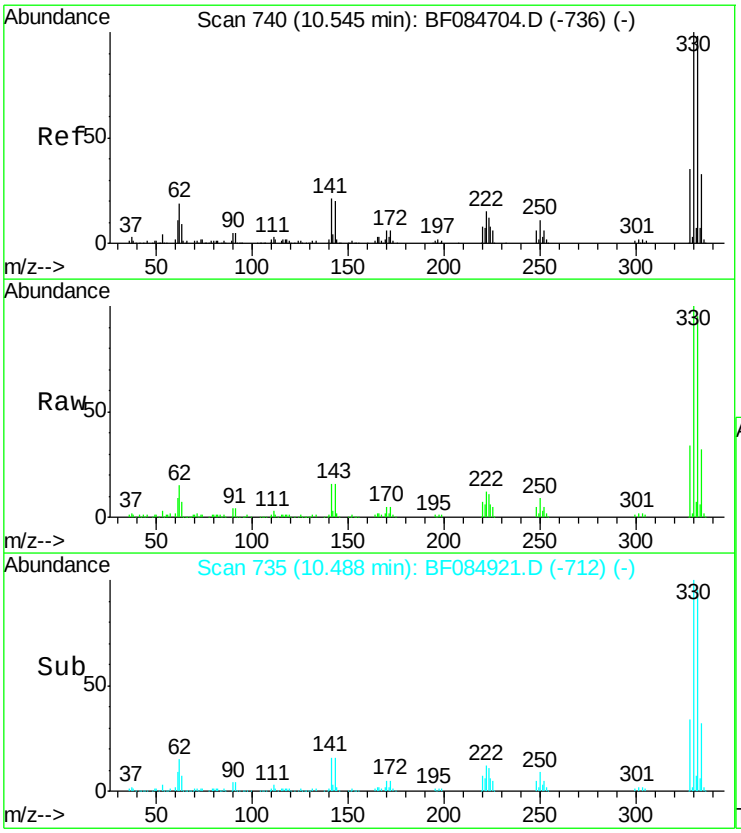
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
OUTFALL-002

Tgt Ion:164 Resp: 286009

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.1	127.7
160	46.3	37.5	56.3

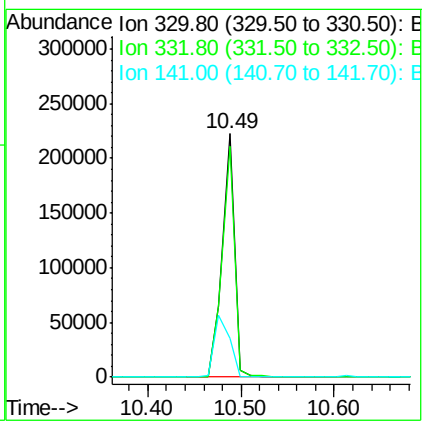


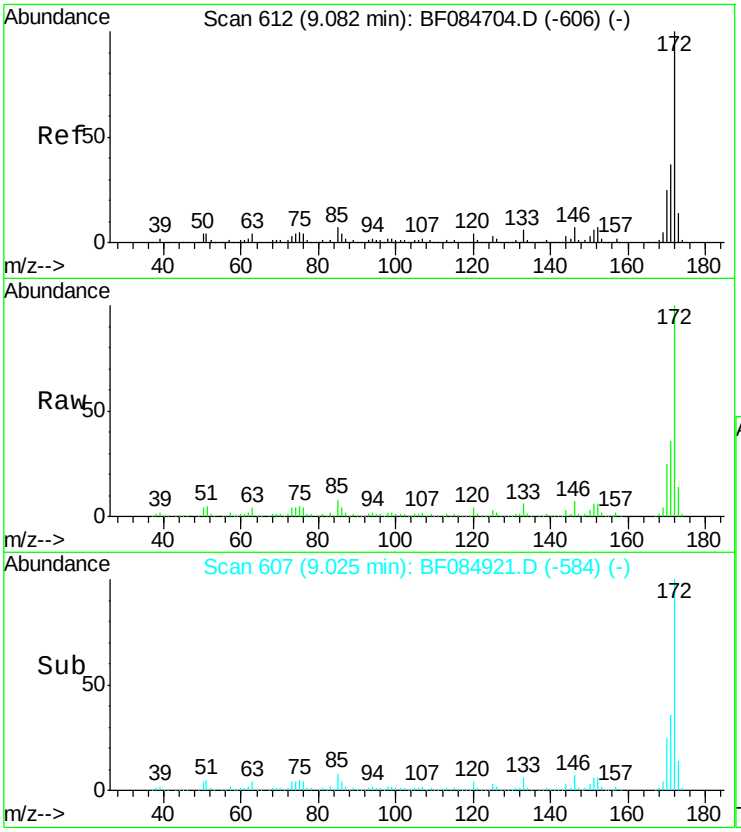


#41
2,4,6-Tribromophenol
Concen: 68.74 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Tgt Ion:330 Resp: 205078

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	32.3	27.8	41.6



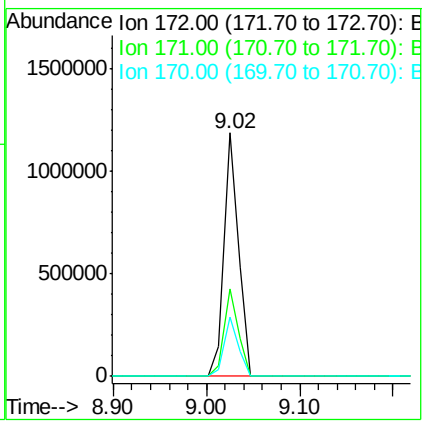


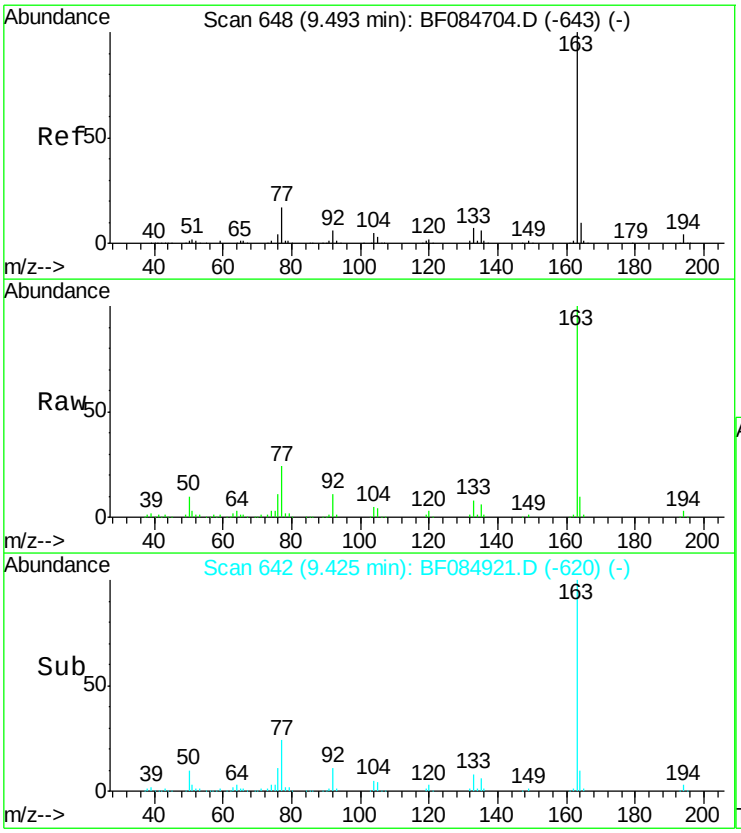
#44
2-Fluorobiphenyl
Concen: 72.17 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
OUTFALL-002

Tgt Ion:172 Resp: 1288980

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.6	18.6	27.8

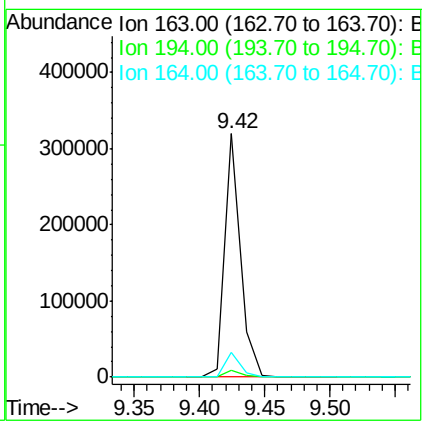


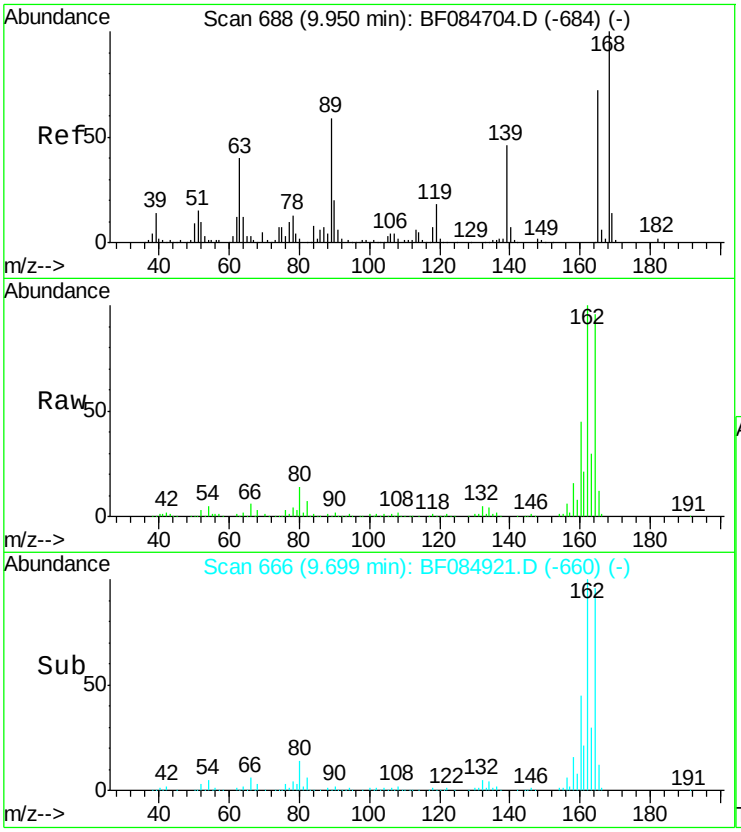


#49
Dimethylphthalate
Concen: 12.42 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Tgt Ion:163 Resp: 270478

Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.1	8.0	12.0



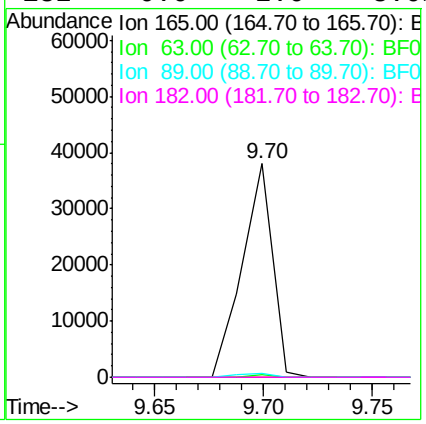


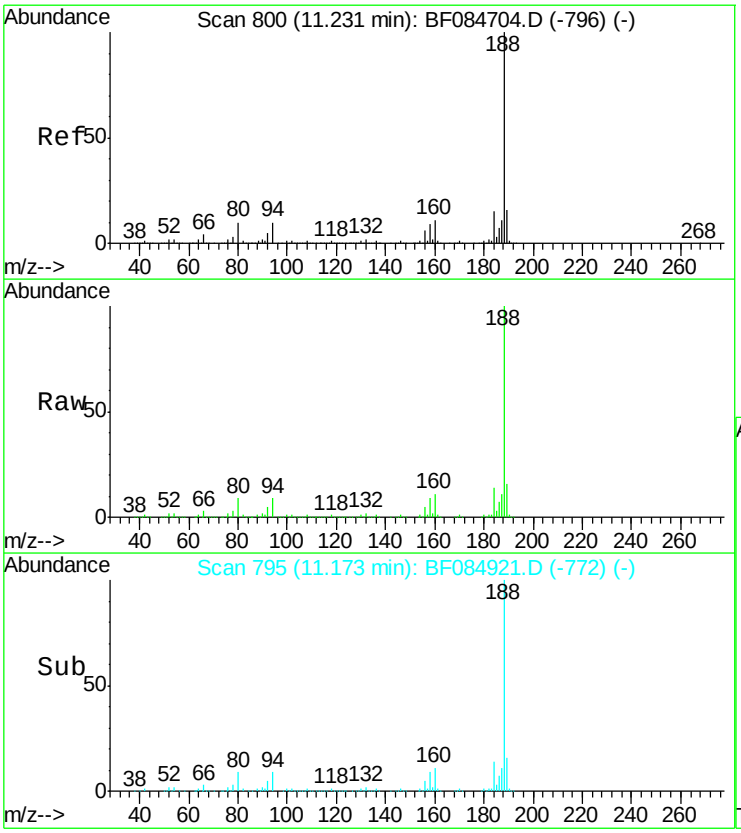
#56
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
OUTFALL-002

Tgt Ion:165 Resp: 36748

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.8	61.9	92.9#
182	0.0	2.0	3.0#

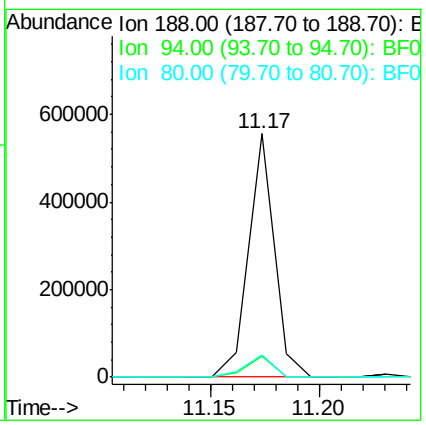


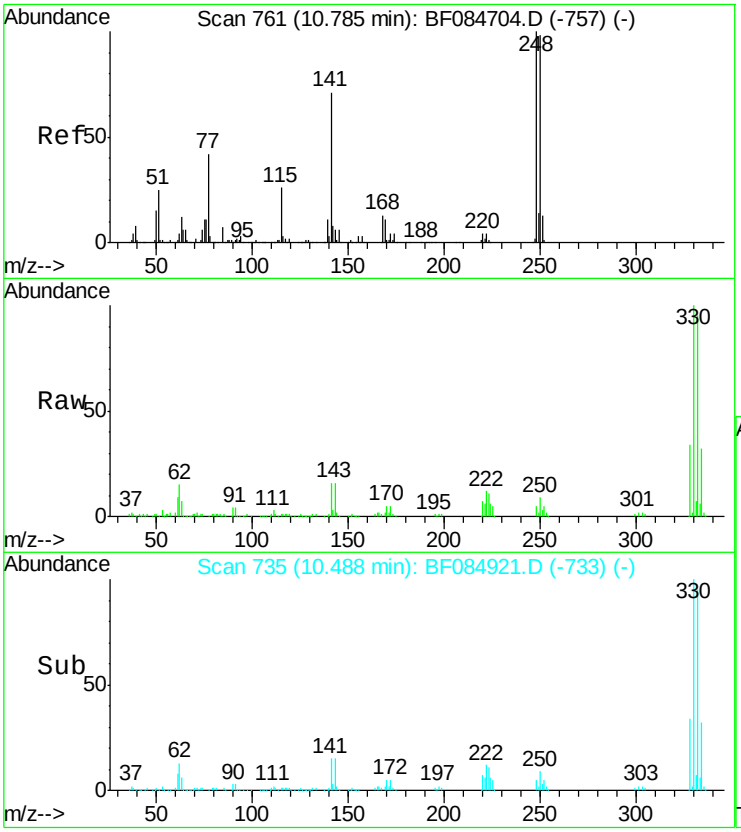


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Tgt Ion:188 Resp: 458609

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	9.2	9.6	14.4#



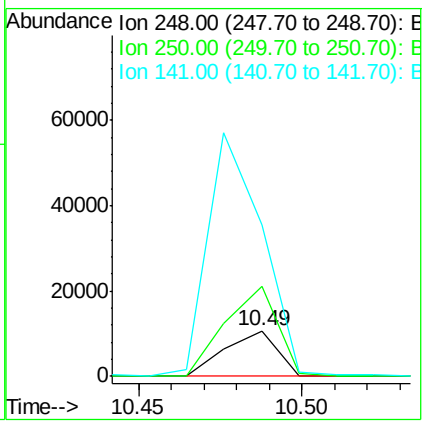


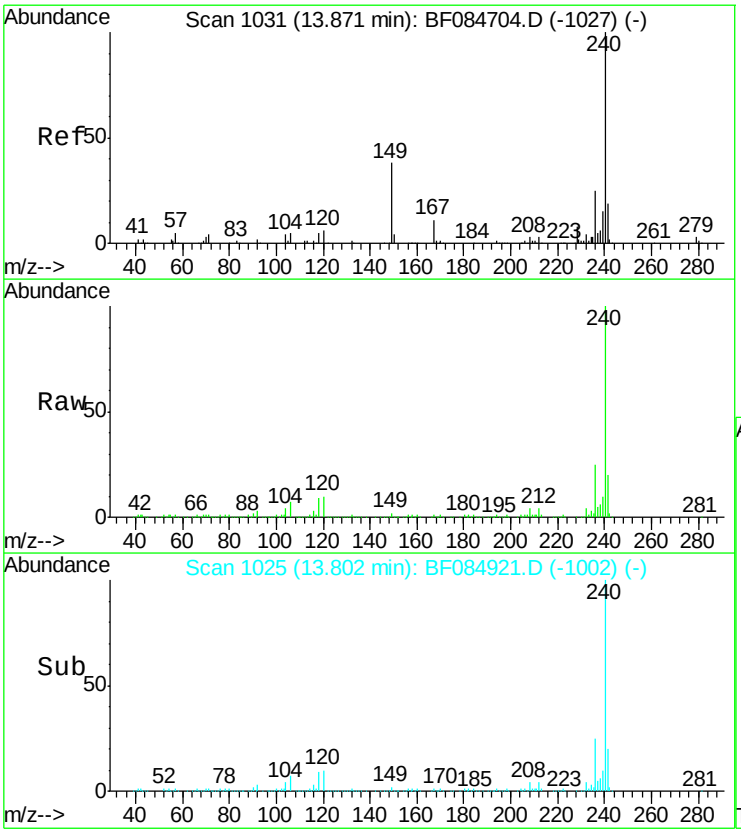
#66
4-Bromophenyl-phenylether
Concen: 2.30 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
OUTFALL-002

Tgt Ion:248 Resp: 11632

Ion	Ratio	Lower	Upper
248	100		
250	197.1	78.4	117.6#
141	334.4	44.0	66.0#

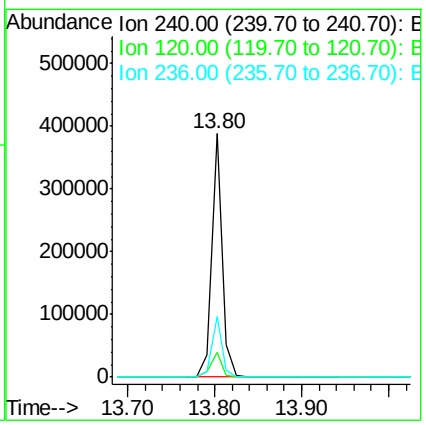


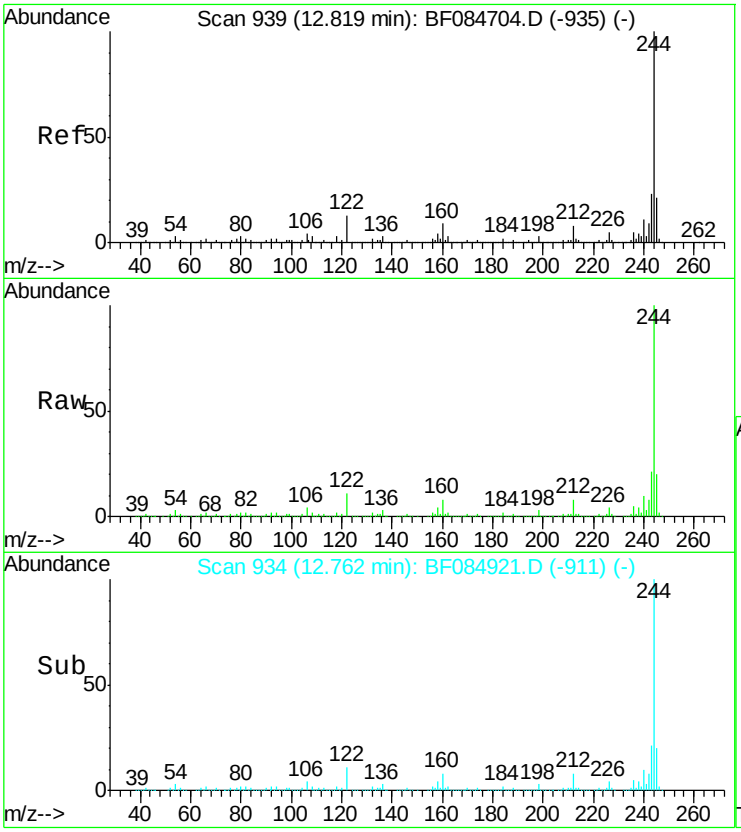


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Tgt Ion:240 Resp: 332889

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	24.7	20.6	31.0



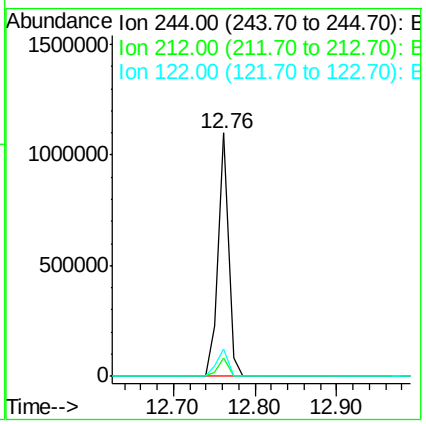


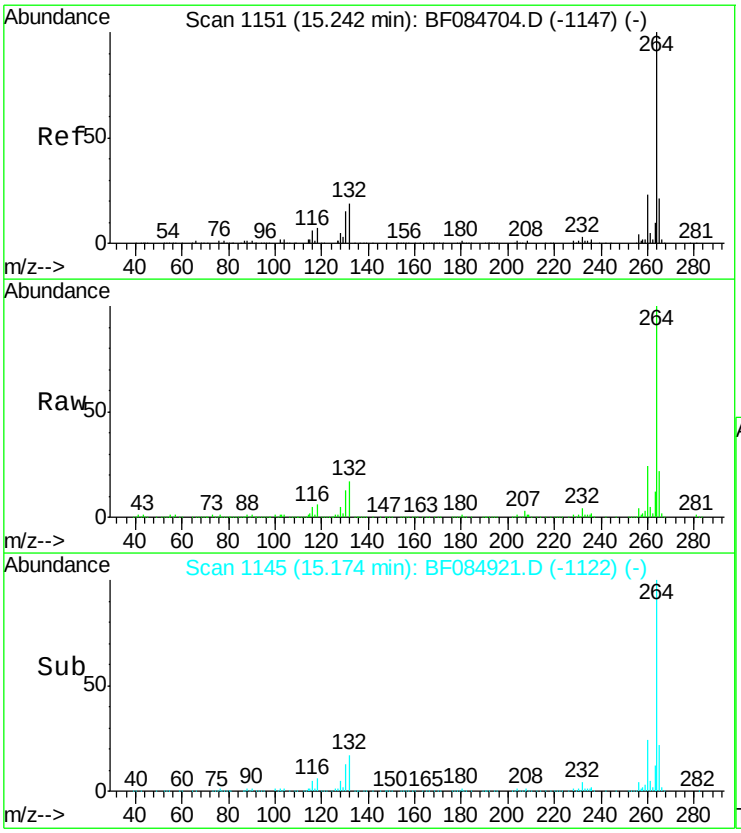
#78
Terphenyl-d14
Concen: 66.32 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
OUTFALL-002

Tgt Ion:244 Resp: 974255

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	11.3	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Tgt Ion:264 Resp: 317054

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.9	17.8	26.6