Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087066.D
Acq On : 15 May 2016 13:32
Operator : UM/SJ
Sample : H3053-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

Quant Time: May 16 04:57:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	322250	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	543040	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	267983	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	476439	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	364952	20.00	ng	-0.09
86) Perylene-d12	15.11	264	312418	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	287403	15.10	ng	-0.08
7) Phenol-d6	6.28	99	235299	9.25	ng	-0.08
23) Nitrobenzene-d5	7.19	82	652623	60.35	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	198570	69.99	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1076420	67.51	ng	-0.08
78) Terphenyl-d14	12.71	244	980540	57.01	ng	-0.09
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	94571	5.32	ng	# 76
25) Isophorone	7.19	82	654373	32.61	ng	# 68
35) Caprolactam	8.33	113	30851	12.37	ng	# 82
49) Dimethylphthalate	9.38	163	54765	2.68	ng	99
50) 2,6-Dinitrotoluene	9.64	165	34348	7.98	ng	# 21
56) 2,4-Dinitrotoluene	9.64	165	34342	6.45	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	12612	2.61	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087066.D
Acq On : 15 May 2016 13:32
Operator : UM/SJ
Sample : H3053-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
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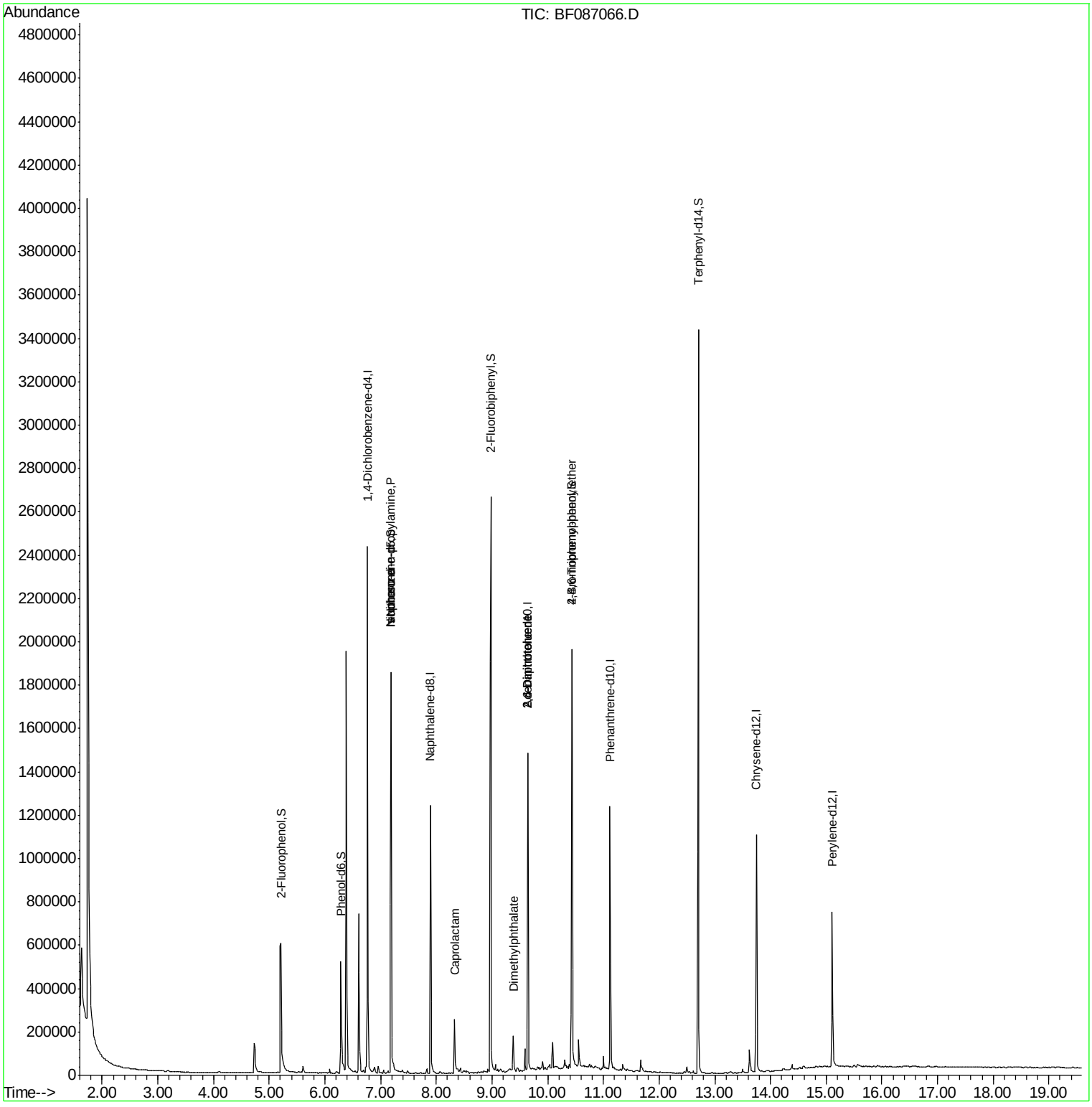
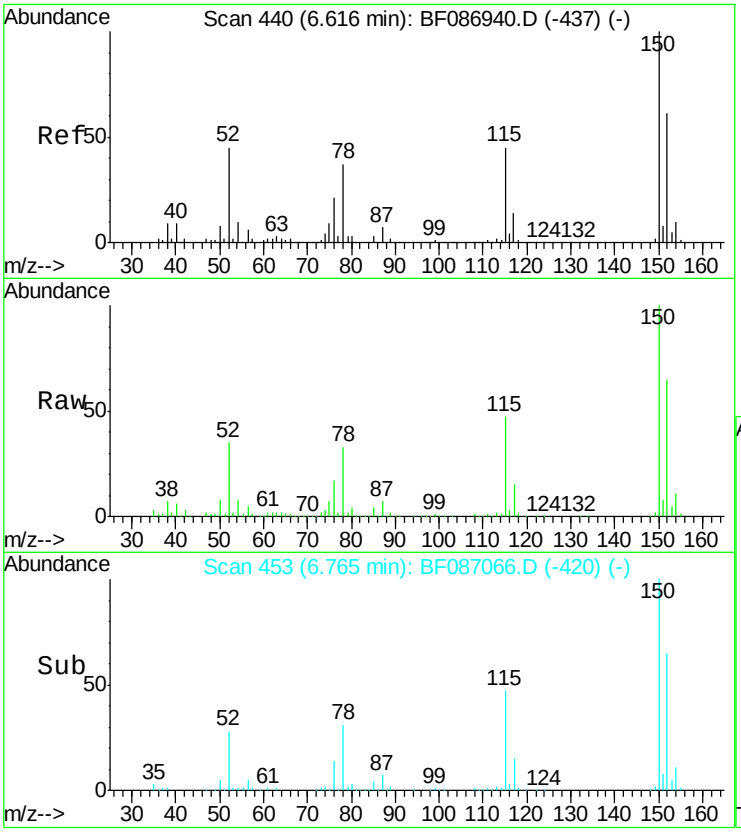
Quant Time: May 16 04:57:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration



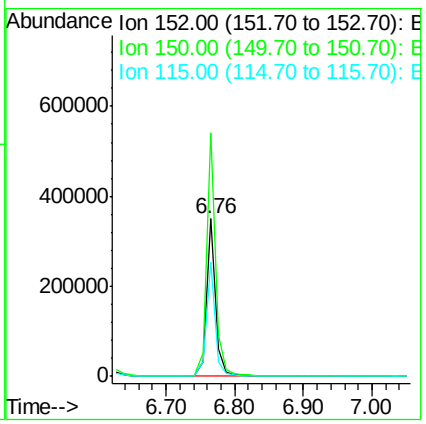


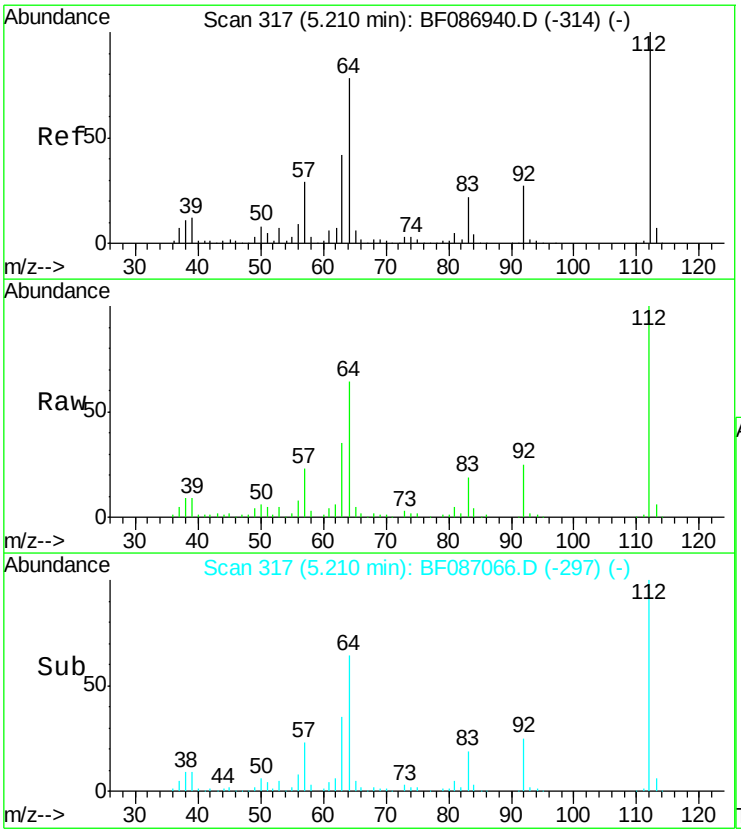
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion:152 Resp: 322250

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.8	188.6
115	72.7	51.5	77.3

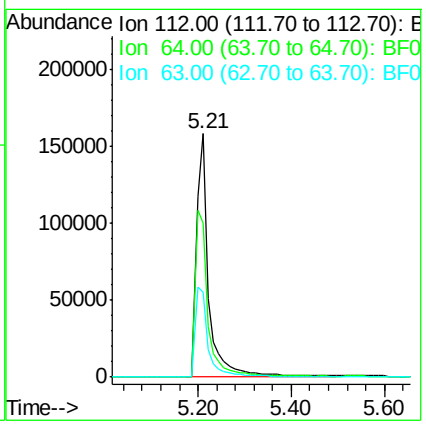


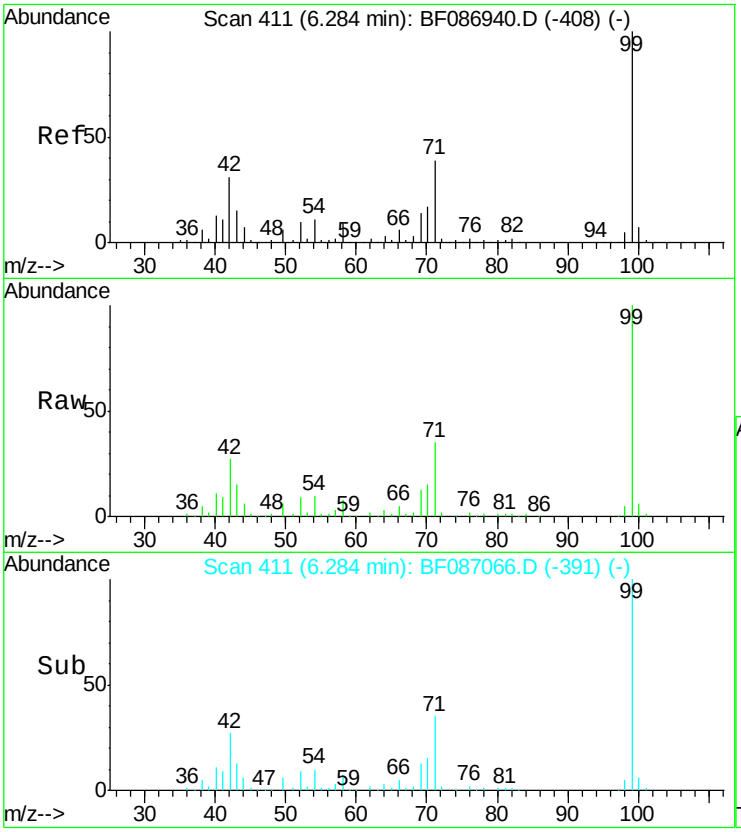


#5
2-Fluorophenol
Concen: 15.10 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.08 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Tgt Ion:112 Resp: 287403

Ion	Ratio	Lower	Upper
112	100		
64	63.5	52.1	78.1
63	34.9	25.7	38.5



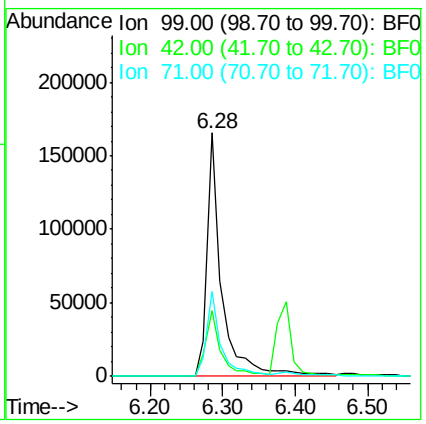


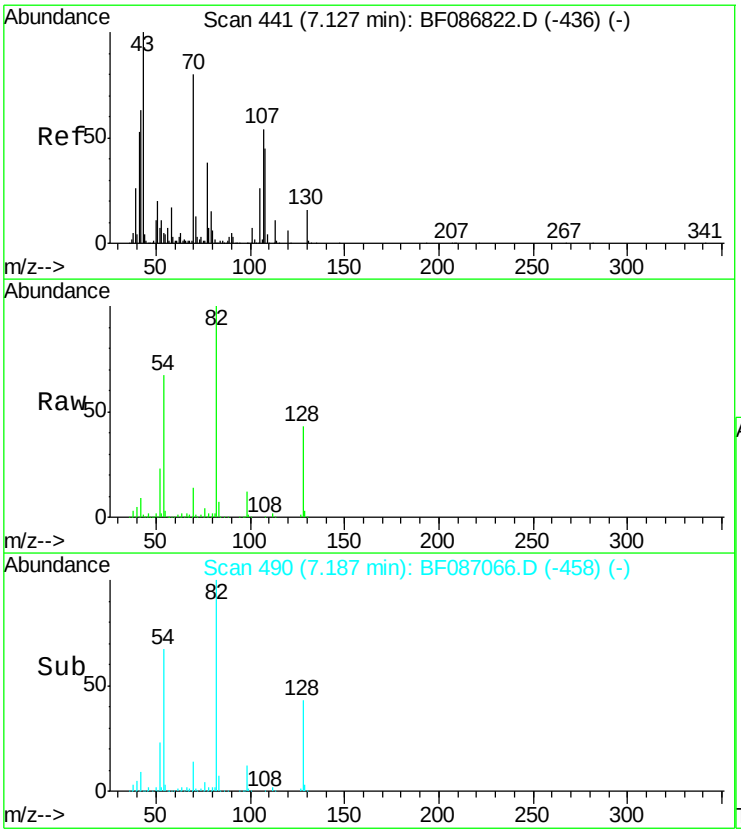
#7
Phenol-d6
Concen: 9.25 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.08 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion: 99 Resp: 235299

Ion	Ratio	Lower	Upper
99	100		
42	26.8	13.6	20.4#
71	34.9	24.6	36.8

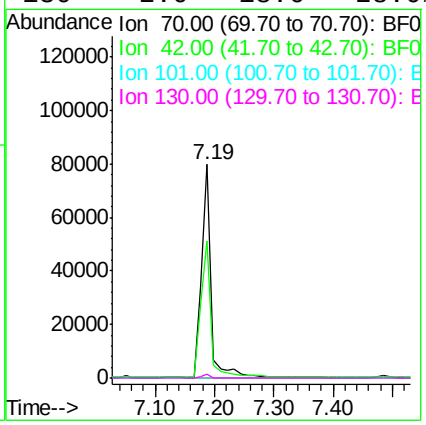


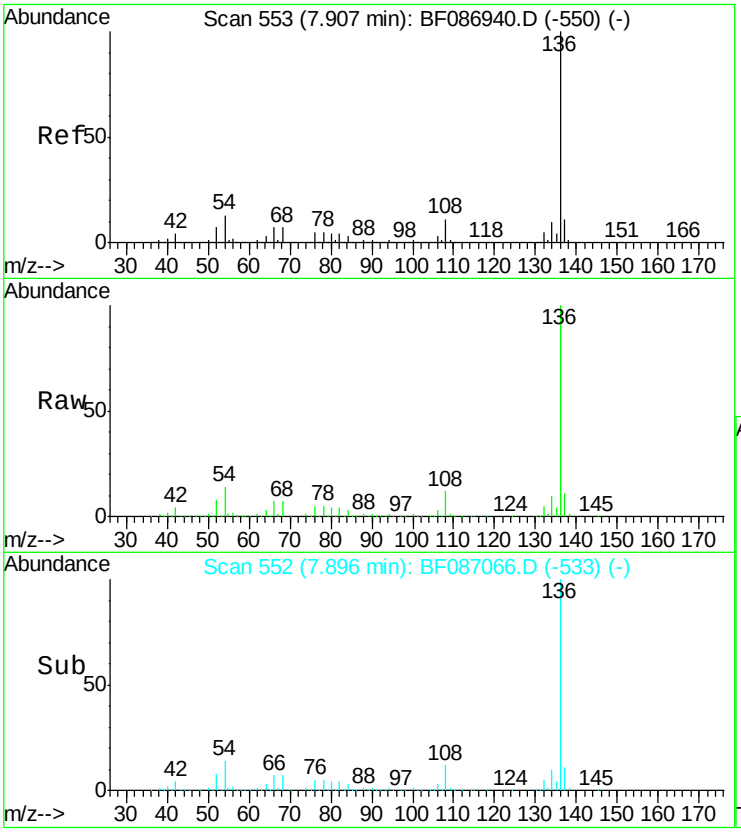


#19
n-Nitroso-di-n-propylamine
Concen: 5.32 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Tgt Ion: 70 Resp: 94571

Ion	Ratio	Lower	Upper
70	100		
42	64.2	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#



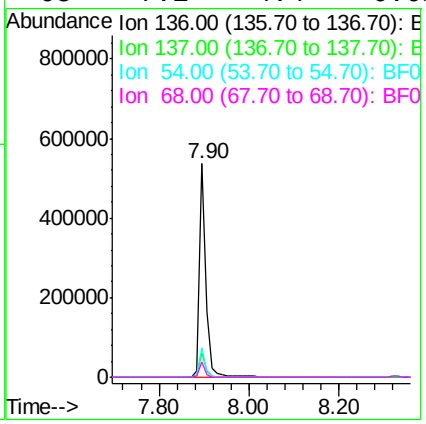


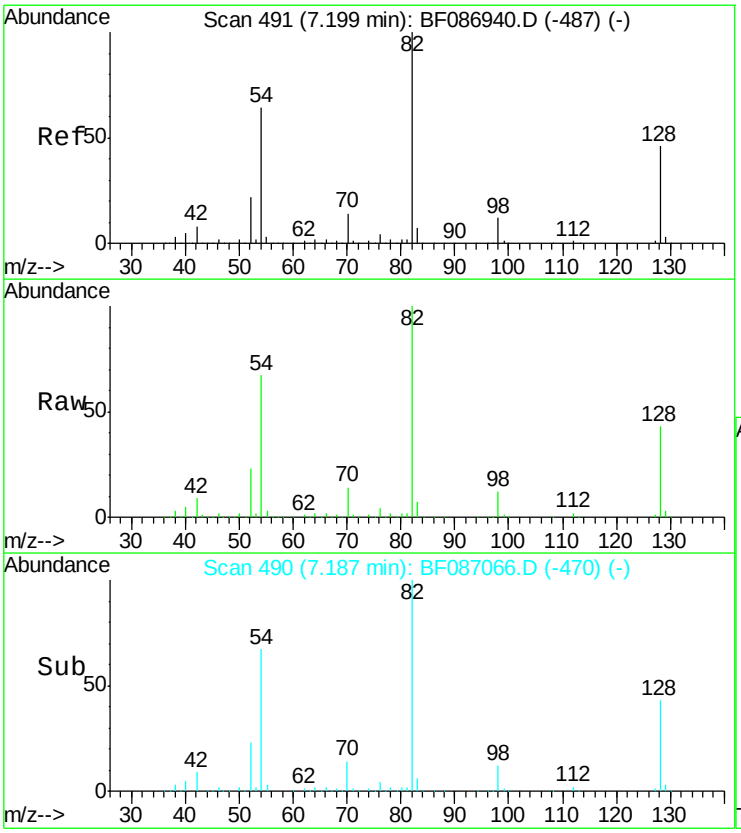
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion:136 Resp: 543040

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.6	5.0	7.4#
68	7.1	4.4	6.6#

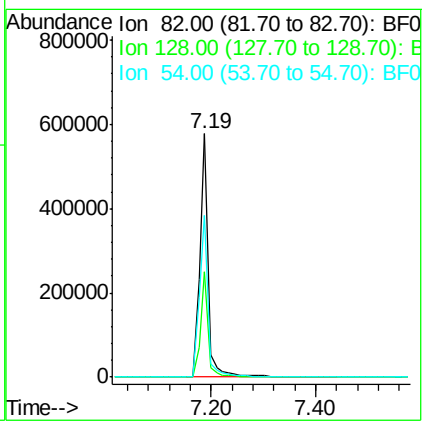


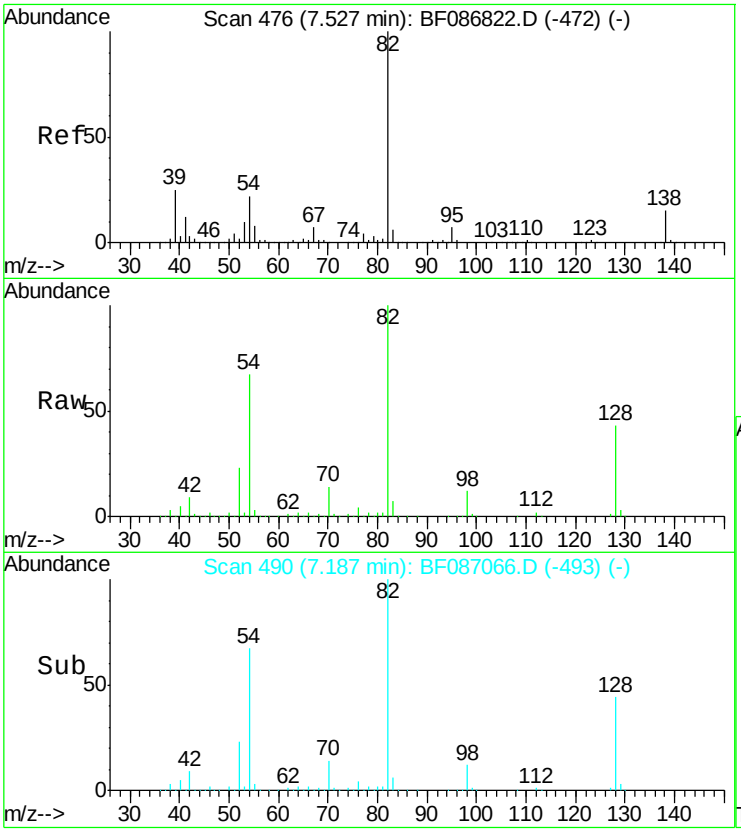


#23
Nitrobenzene-d5
Concen: 60.35 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Tgt Ion: 82 Resp: 652623

Ion	Ratio	Lower	Upper
82	100		
128	43.4	40.6	61.0
54	66.6	38.1	57.1#



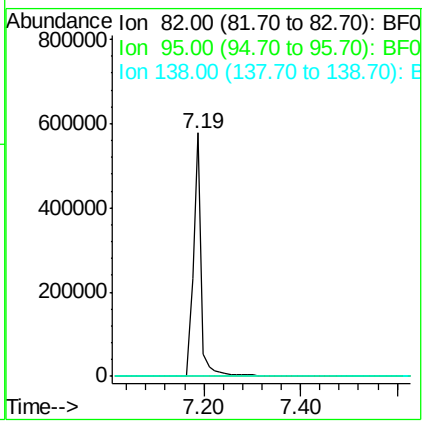


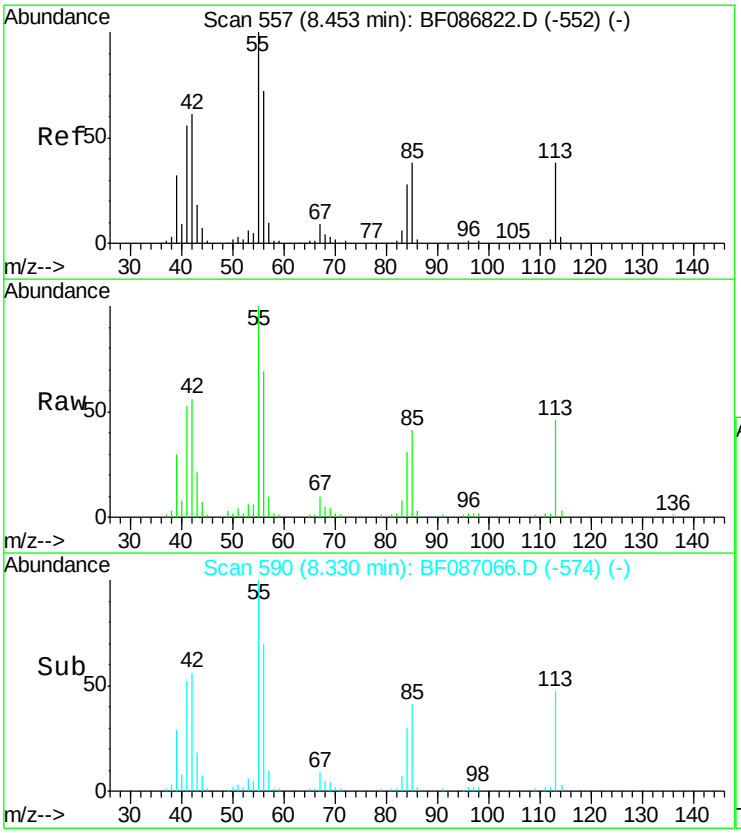
#25
Isophorone
Concen: 32.61 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion: 82 Resp: 654373

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

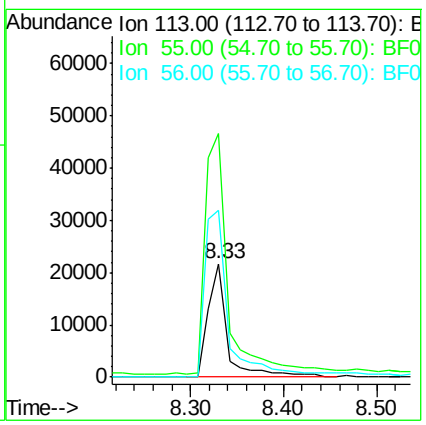


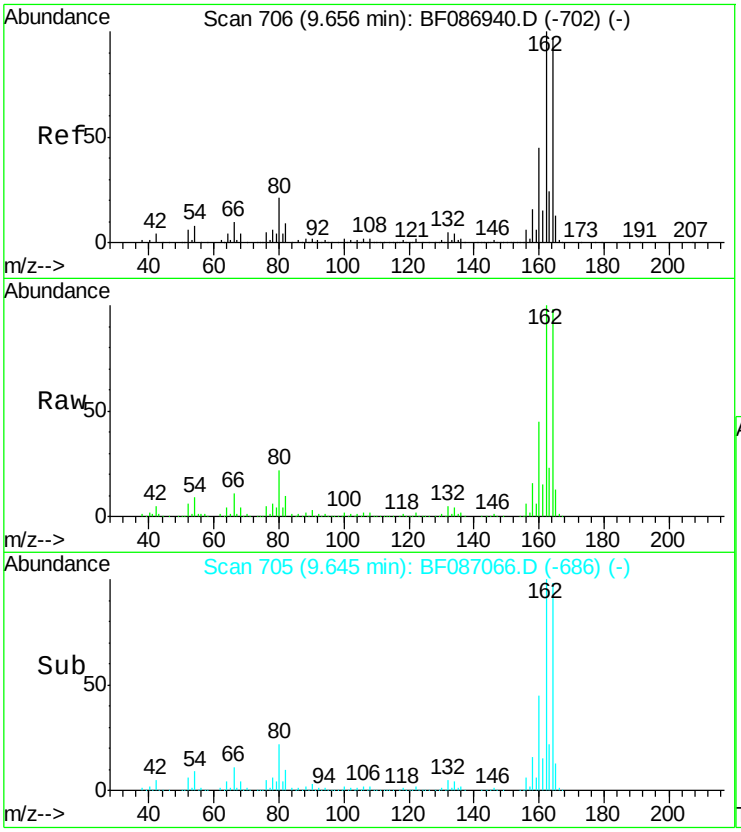


#35
Caprolactam
Concen: 12.37 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.12 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Tgt Ion:113 Resp: 30851

Ion	Ratio	Lower	Upper
113	100		
55	215.1	162.0	202.0#
56	147.7	115.3	155.3



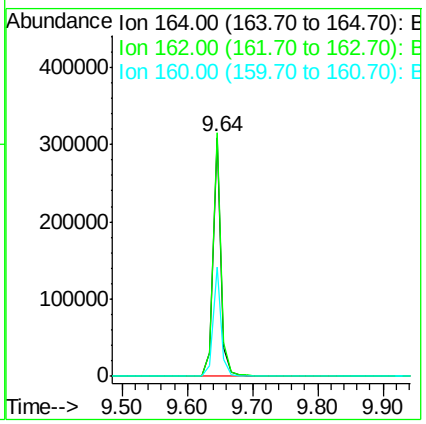


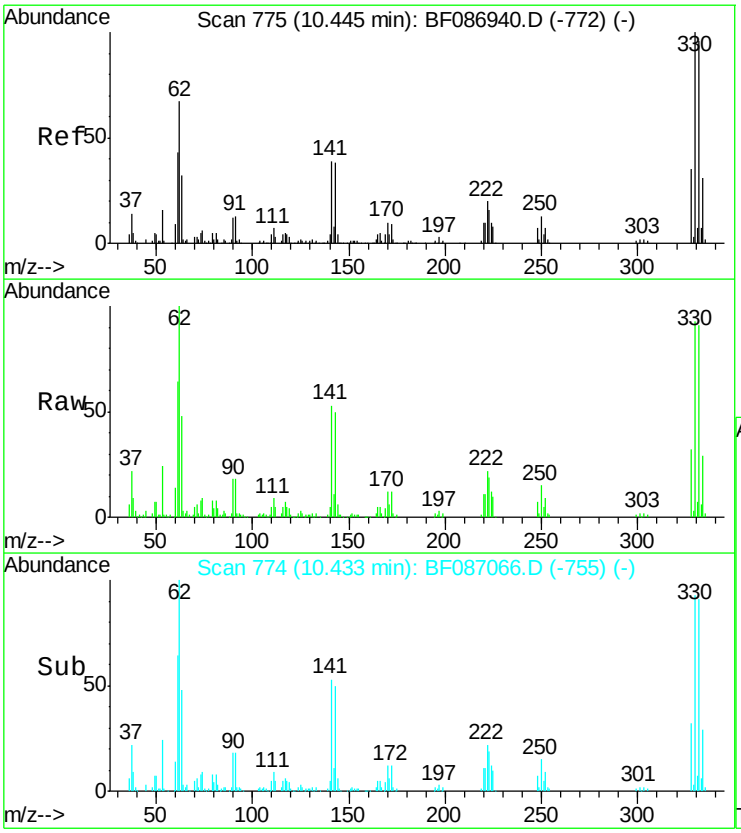
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion:164 Resp: 267983

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	45.9	36.9	55.3

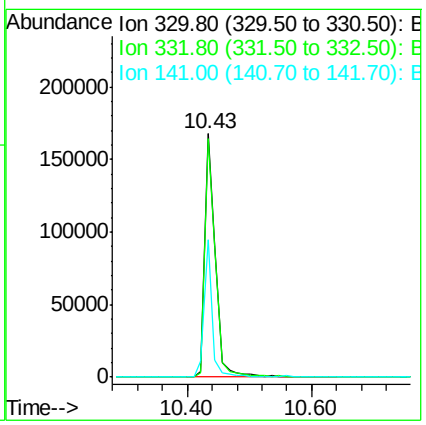


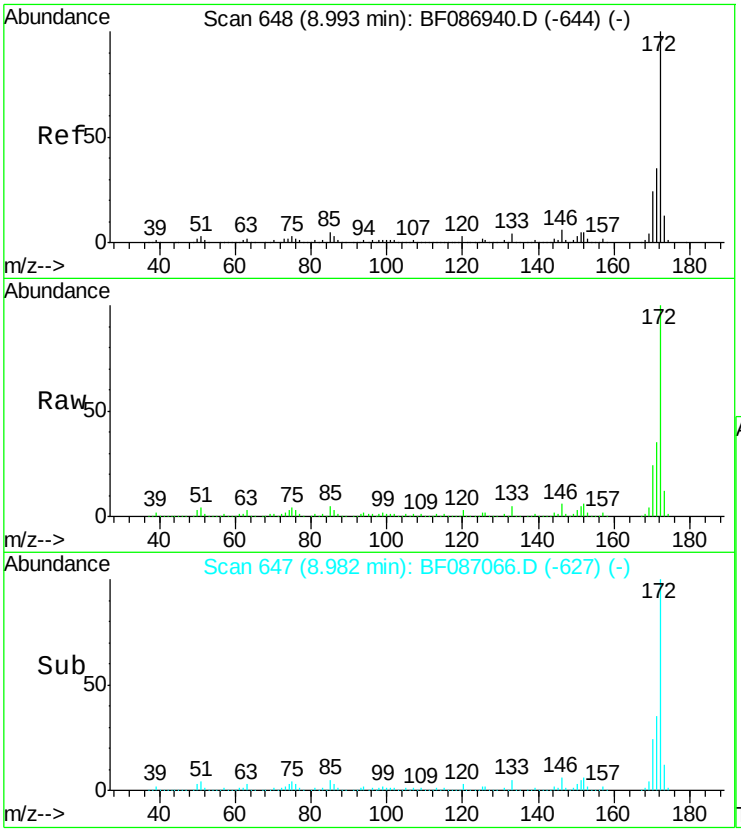


#41
2,4,6-Tribromophenol
Concen: 69.99 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.09 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Tgt Ion:330 Resp: 198570

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.0	118.4
141	43.6	31.2	46.8



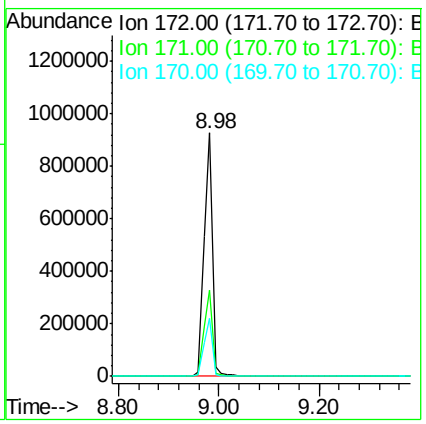


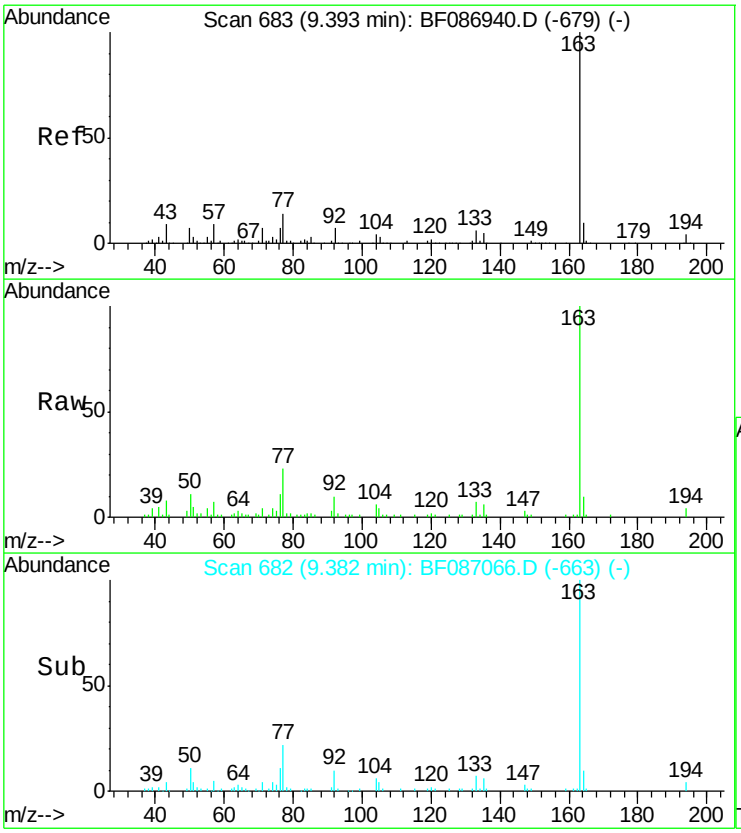
#44
2-Fluorobiphenyl
Concen: 67.51 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.08 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion:172 Resp: 1076420

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.8	19.8	29.8

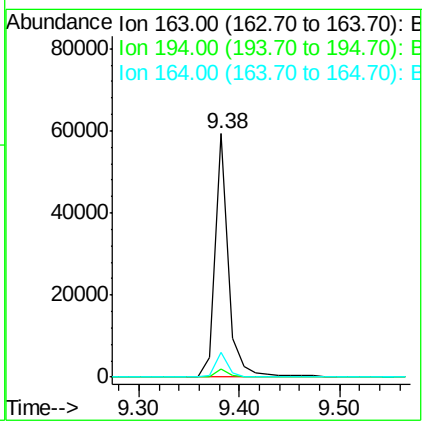


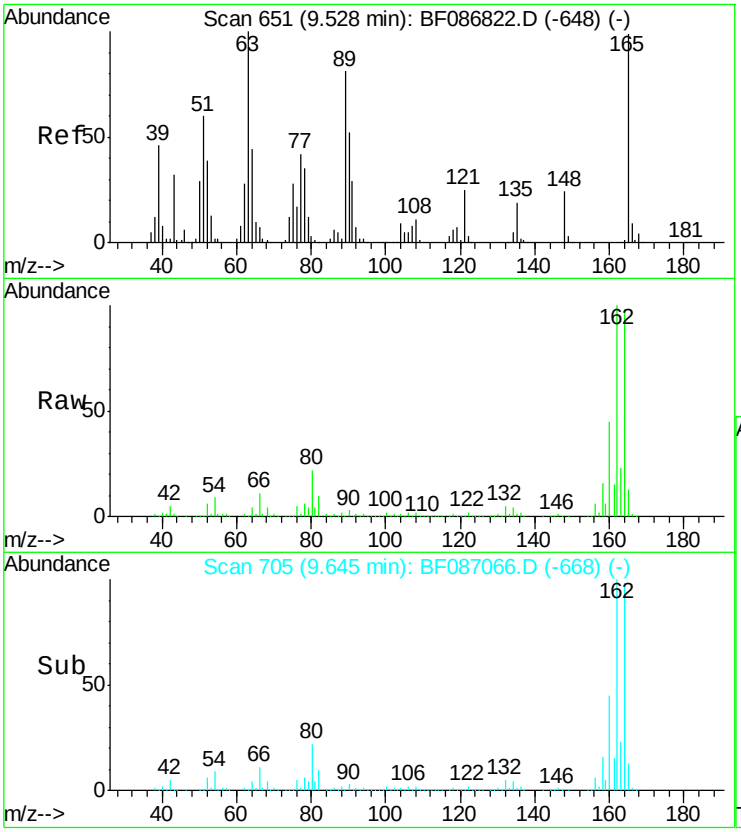


#49
Dimethylphthalate
Concen: 2.68 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.09 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Tgt Ion:163 Resp: 54765

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.2	12.4



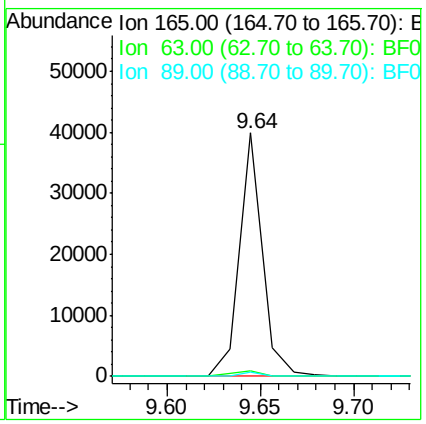


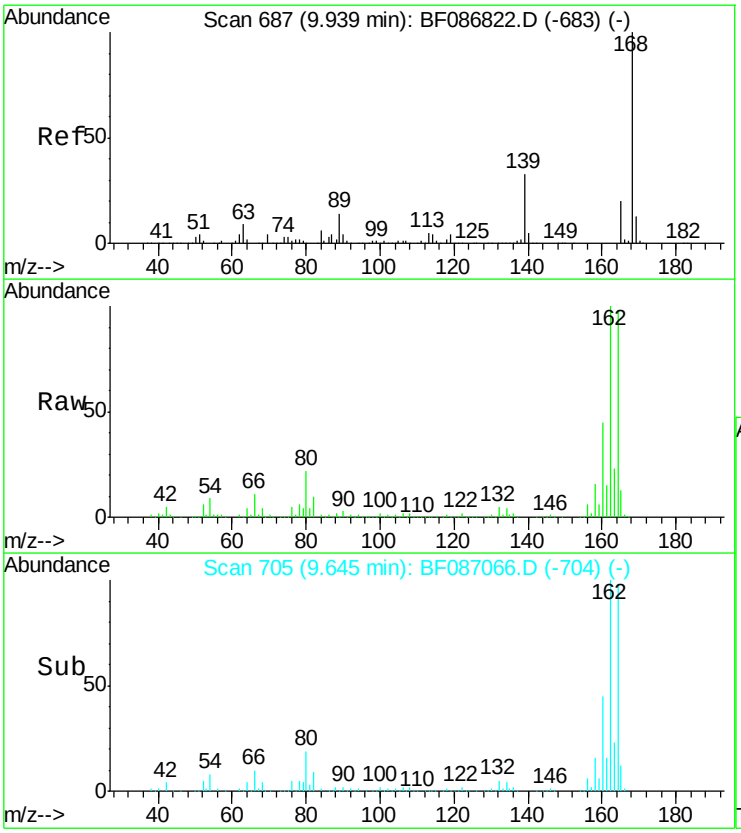
#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.12 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion:165 Resp: 34348

Ion	Ratio	Lower	Upper
165	100		
63	2.3	51.8	77.8#
89	2.0	50.7	76.1#

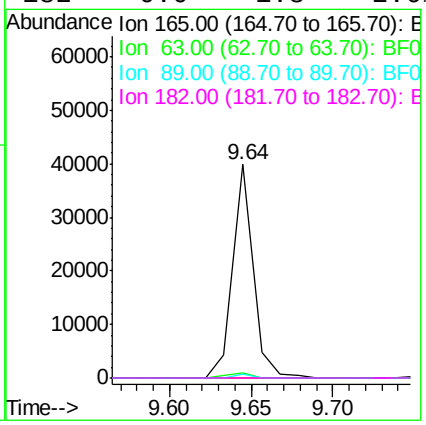


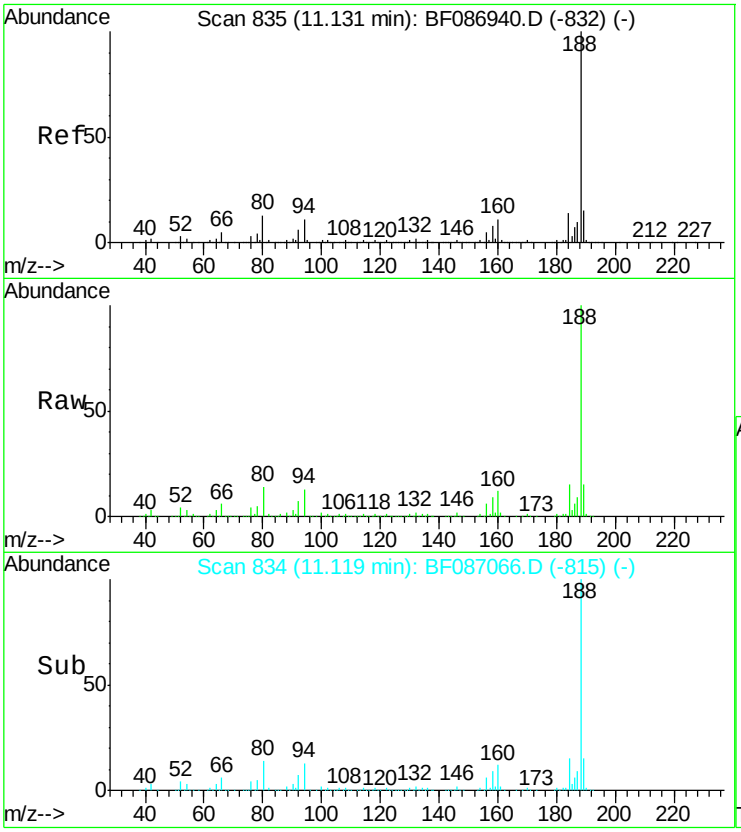


#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.29 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Tgt Ion:165 Resp: 34342

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#



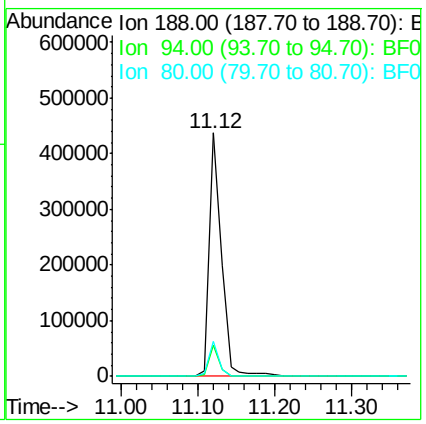


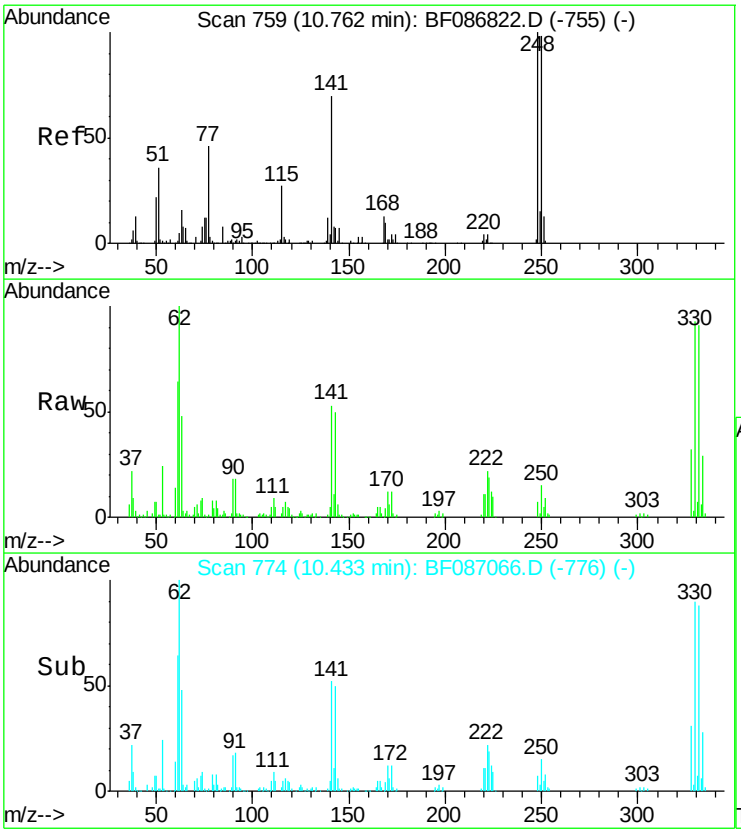
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion:188 Resp: 476439

Ion	Ratio	Lower	Upper
188	100		
94	12.6	6.8	10.2#
80	14.2	7.1	10.7#

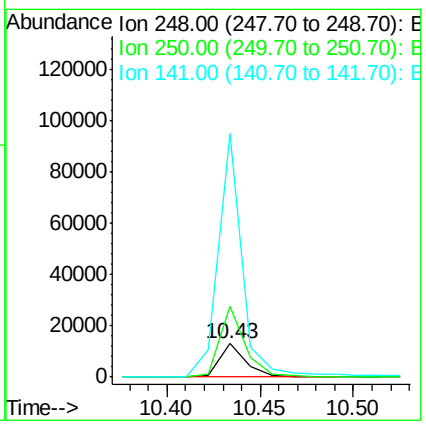


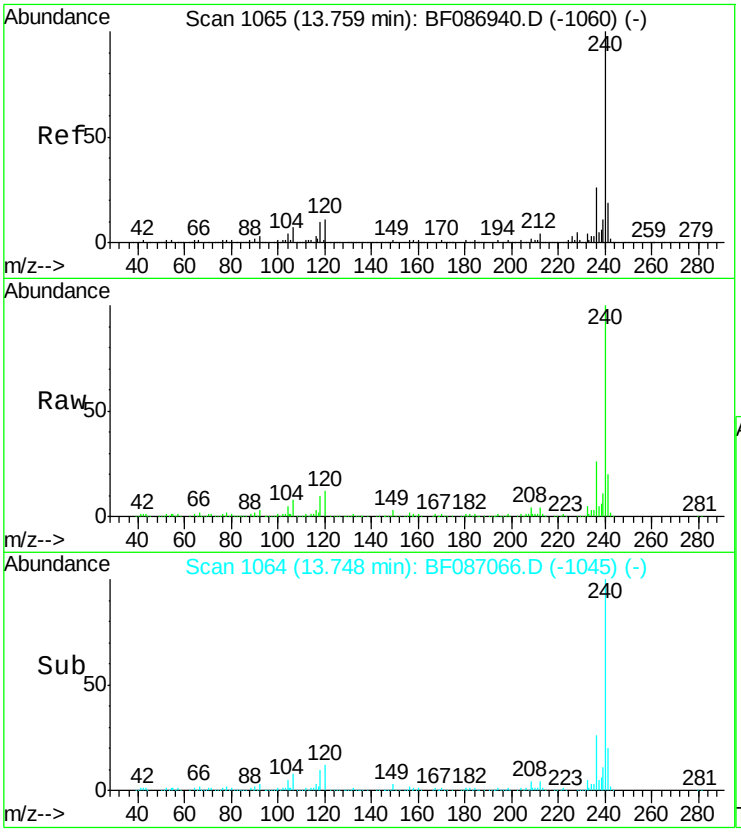


#66
4-Bromophenyl-phenylether
Concen: 2.61 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.33 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Tgt Ion:248 Resp: 12612

Ion	Ratio	Lower	Upper
248	100		
250	211.5	78.6	117.8#
141	732.7	76.0	114.0#



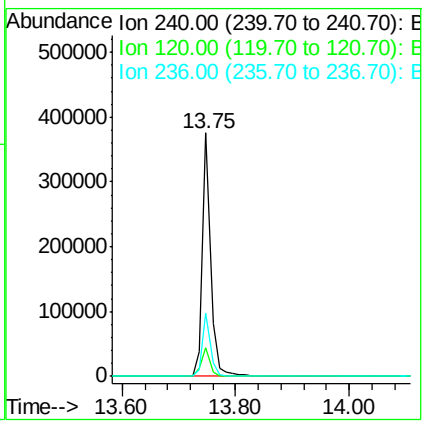


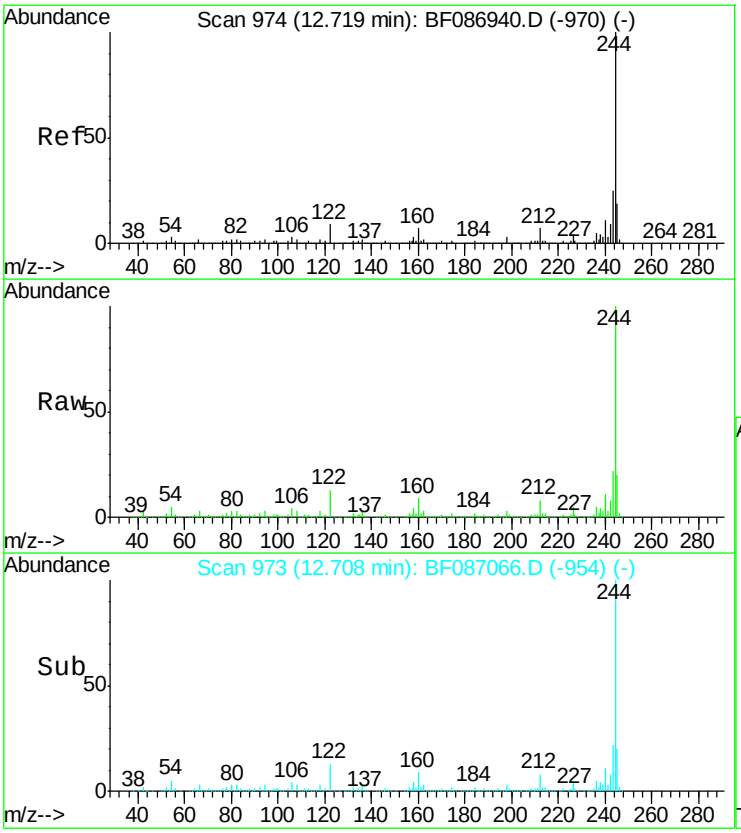
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion:240 Resp: 364952

Ion	Ratio	Lower	Upper
240	100		
120	11.6	11.2	16.8
236	25.8	21.2	31.8

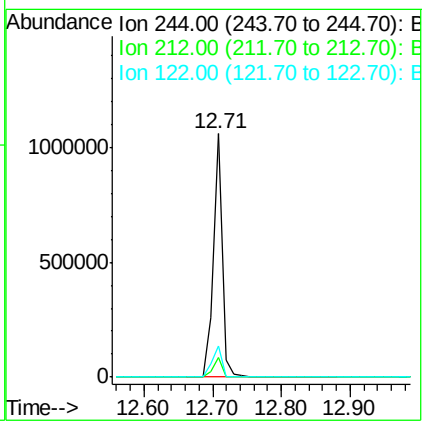


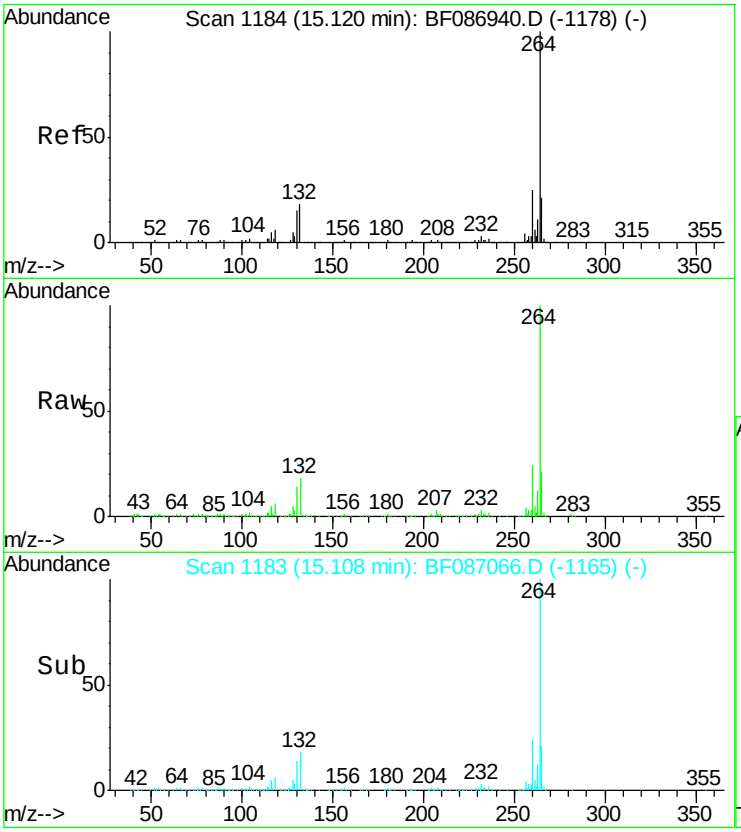


#78
Terphenyl-d14
Concen: 57.01 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Tgt Ion:244 Resp: 980540

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.6	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087066.D
Acq: 15 May 2016 13:32

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion:264 Resp: 312418

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.2	17.3	25.9