Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
Data File : BF086626.D
Acq On : 2 May 2016 19:22
Operator : UM/SJ
Sample : H2716-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-4-CS-2(8-16FTBGS)

Quant Time: May 03 01:18:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	170596	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	744973	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	333716	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	705425	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	549138	20.00	ng	-0.07
86) Perylene-d12	15.29	264	89271	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1181972	119.51	ng	-0.03
7) Phenol-d6	6.40	99	1315564	95.30	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1085403	78.53	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	452200	128.49	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1733739	92.68	ng	-0.06
78) Terphenyl-d14	12.86	244	2077058	83.33	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	6.91	79	17917	2.05	ng	# 42
19) n-Nitroso-di-n-propylamine	7.32	70	148447	16.27	ng	# 75
25) Isophorone	7.32	82	828091	31.13	ng	# 68
31) Naphthalene	8.06	128	170638	4.50	ng	99
32) Benzoic acid	7.87	122	224	8.81	ng	86
50) 2,6-Dinitrotoluene	9.79	165	42094	8.11	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	42598	6.44	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	27839	3.83	ng	# 1

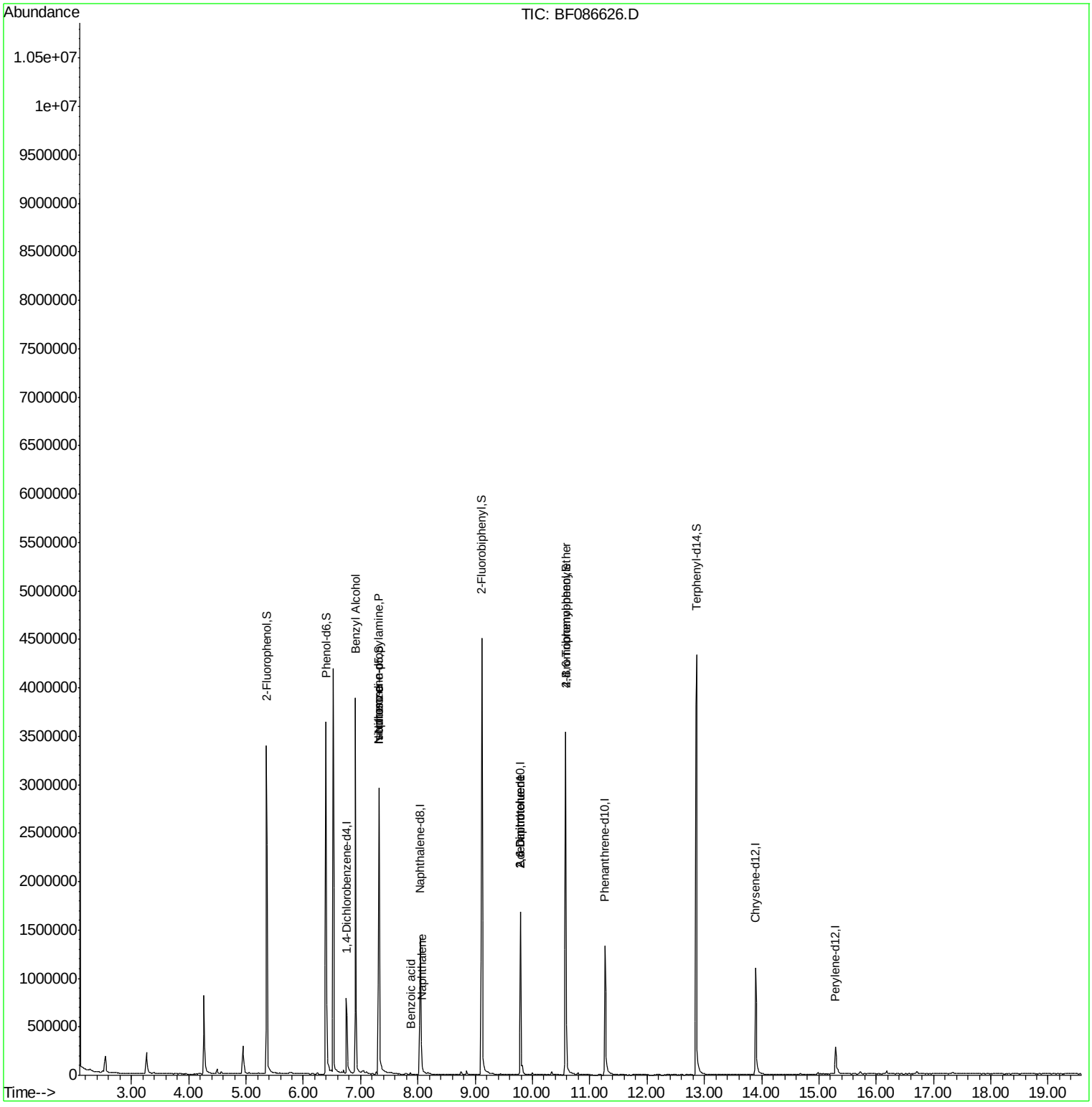
(#) = qualifier out of range (m) = manual integration (+) = signals summed

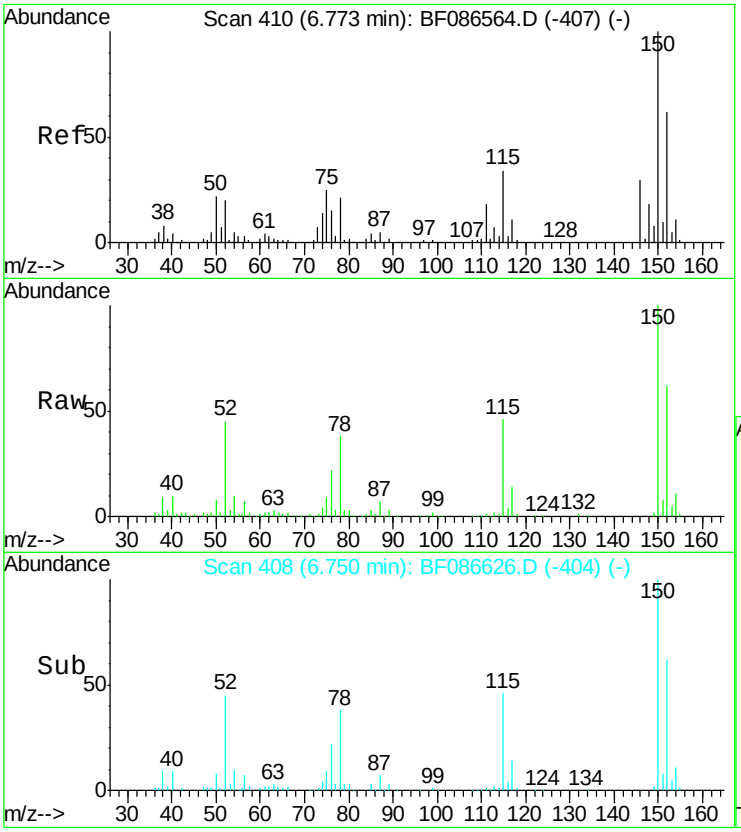
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
Data File : BF086626.D
Acq On : 2 May 2016 19:22
Operator : UM/SJ
Sample : H2716-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Quant Time: May 03 01:18:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration



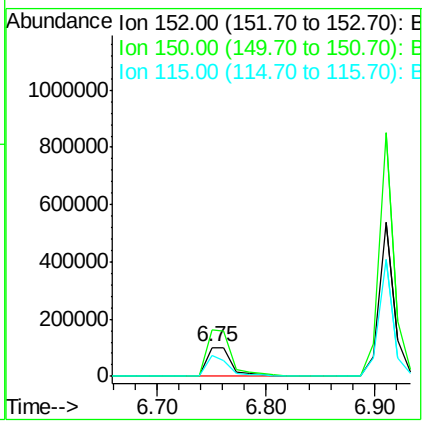


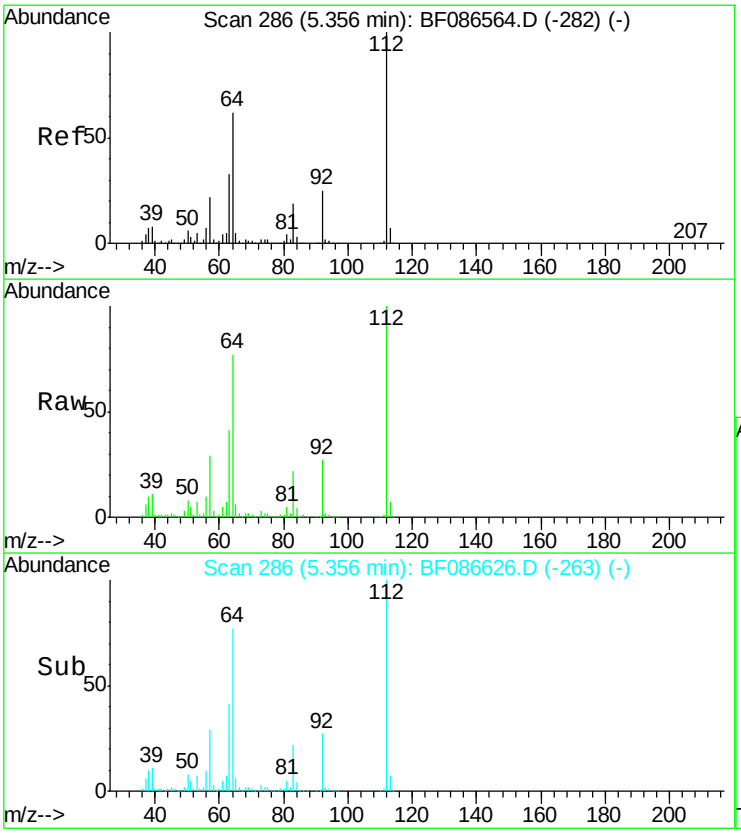
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:152 Resp: 170596

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.8	188.6
115	74.0	51.5	77.3

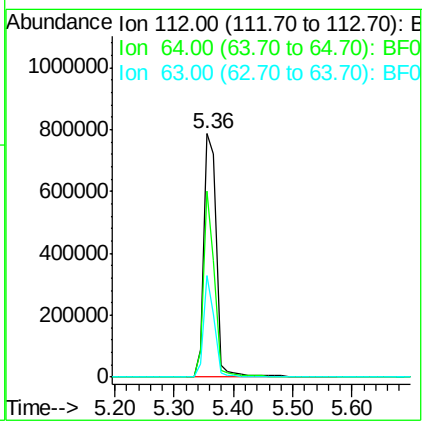


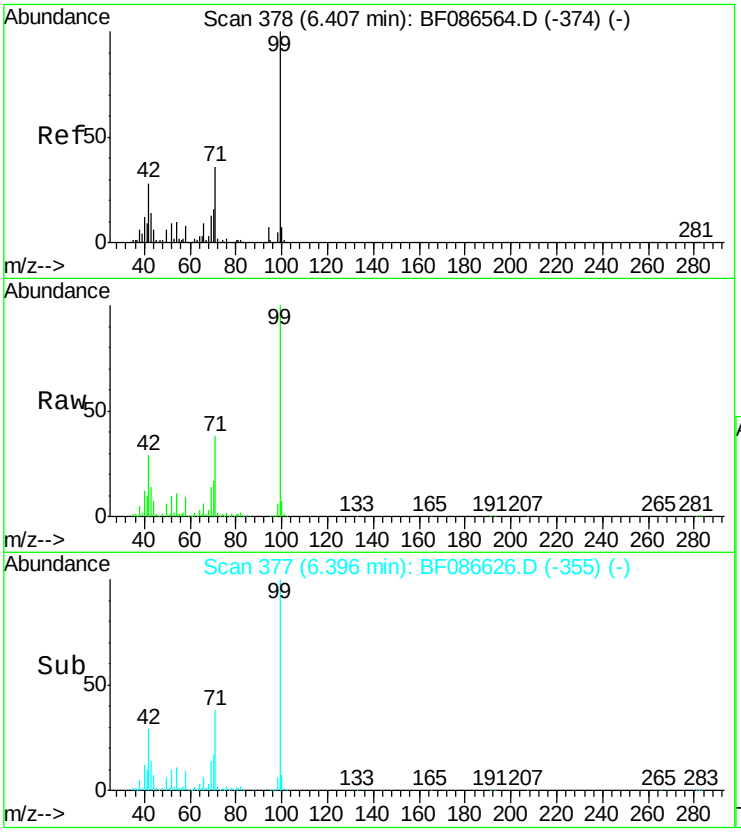


#5
2-Fluorophenol
Concen: 119.51 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion:112 Resp: 1181972

Ion	Ratio	Lower	Upper
112	100		
64	76.6	52.1	78.1
63	41.5	25.7	38.5#



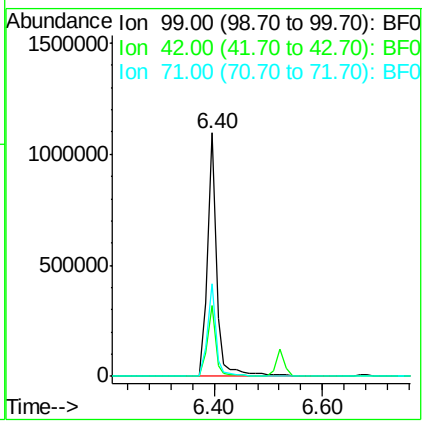


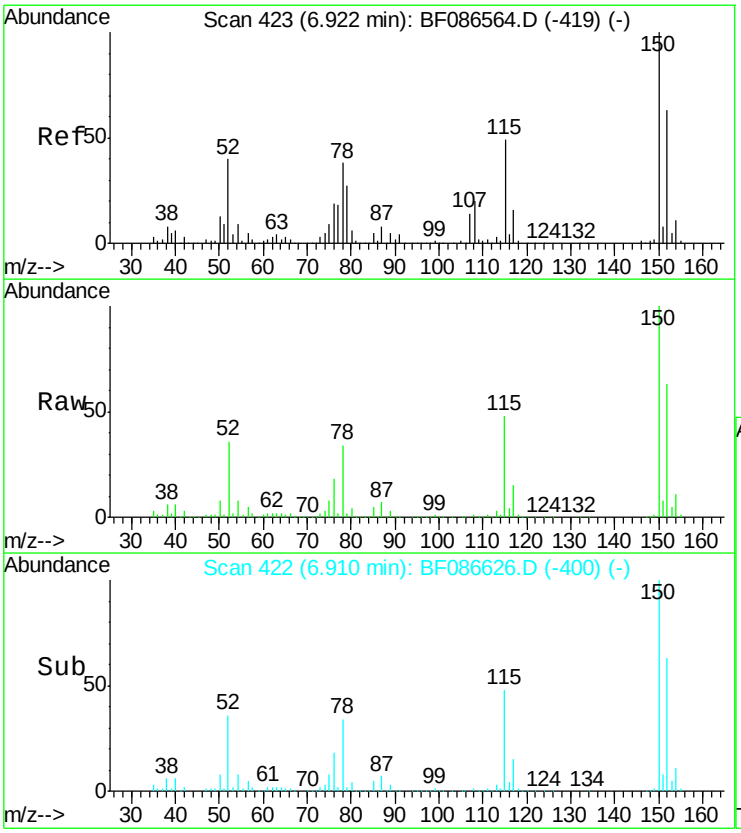
#7
Phenol-d6
Concen: 95.30 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.05 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion: 99 Resp: 1315564

Ion	Ratio	Lower	Upper
99	100		
42	29.1	13.6	20.4#
71	37.8	24.6	36.8#

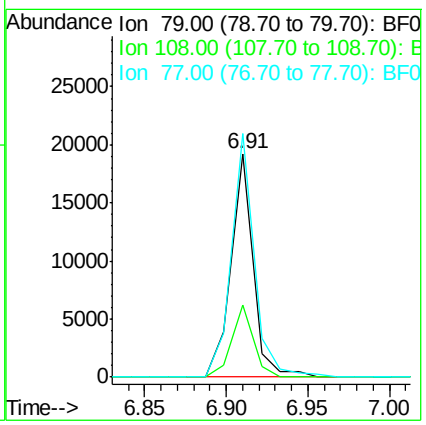


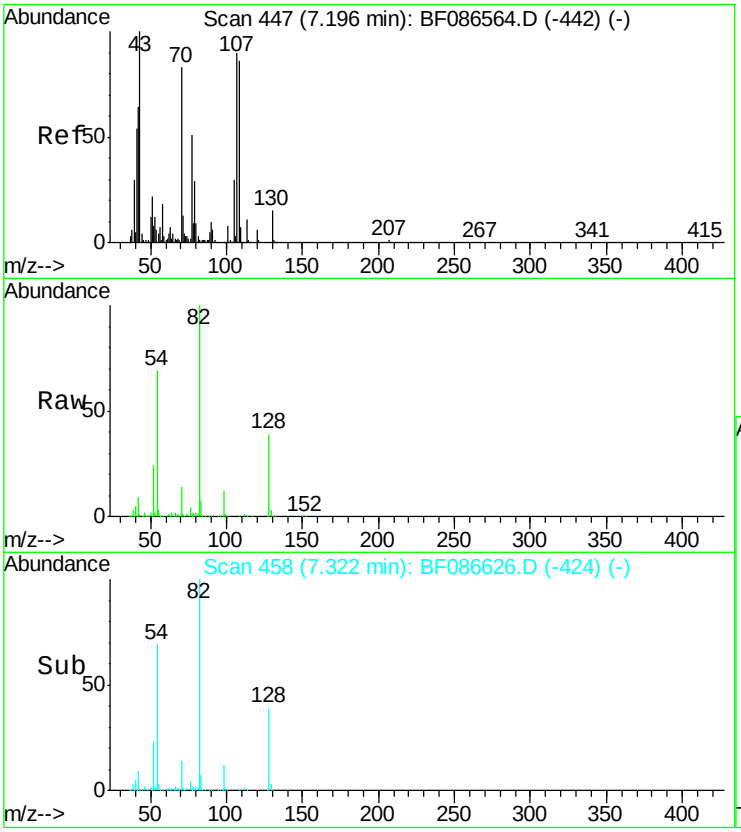


#15
Benzyl Alcohol
Concen: 2.05 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.05 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion: 79 Resp: 17917

Ion	Ratio	Lower	Upper
79	100		
108	32.2	68.4	102.6#
77	108.8	50.6	76.0#



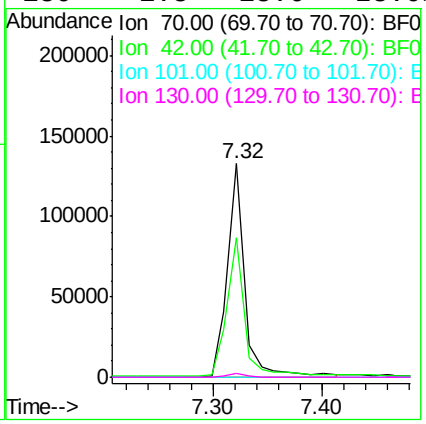


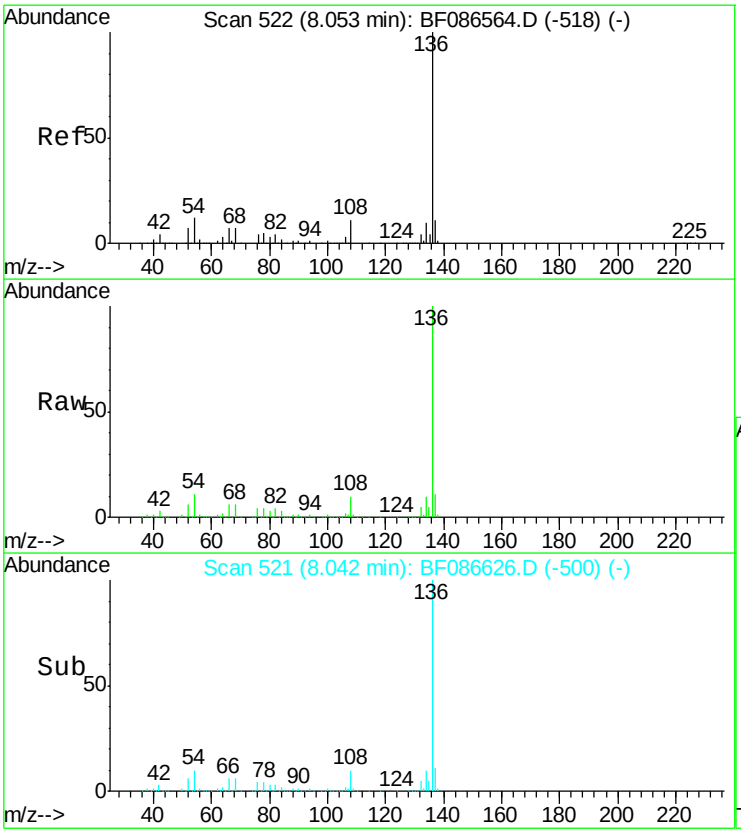
#19
n-Nitroso-di-n-propylamine
Concen: 16.27 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion: 70 Resp: 148447

Ion	Ratio	Lower	Upper
70	100		
42	65.6	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#

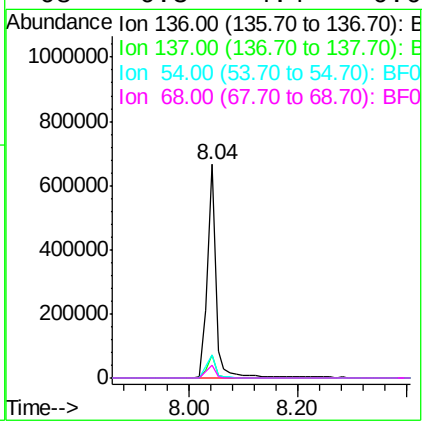


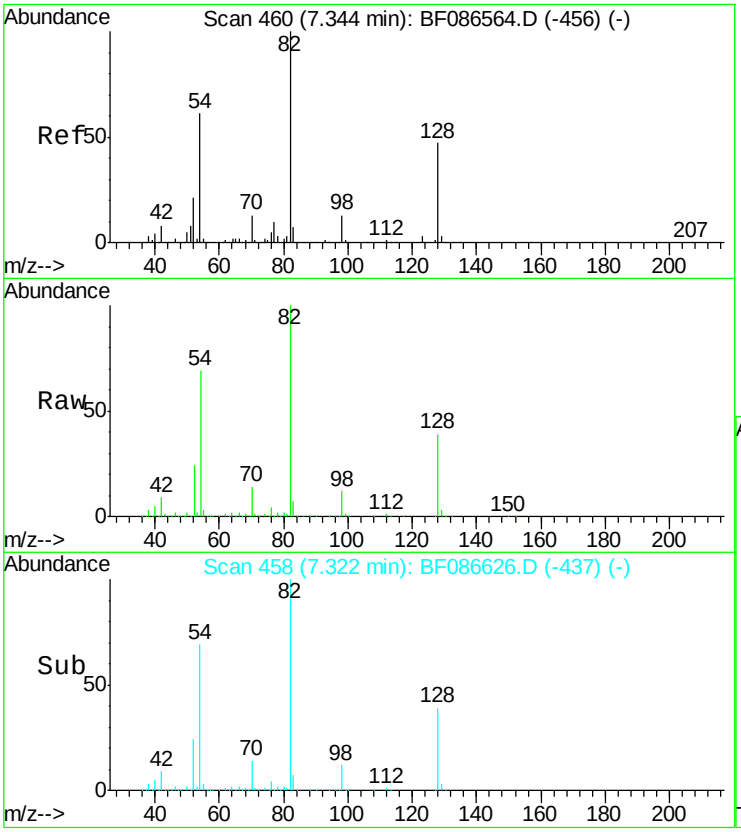


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion:136 Resp: 744973

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.6	5.0	7.4#
68	6.3	4.4	6.6



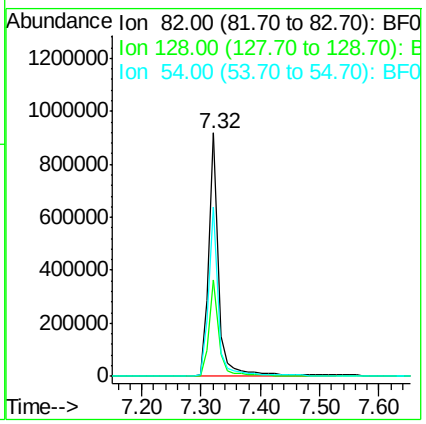


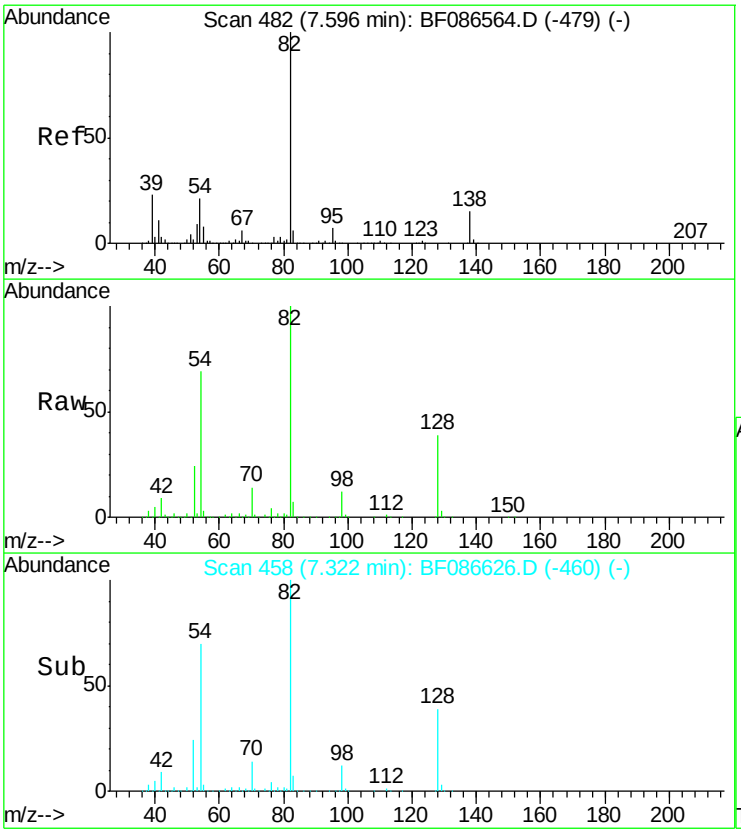
#23
Nitrobenzene-d5
Concen: 78.53 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion: 82 Resp: 1085403

Ion	Ratio	Lower	Upper
82	100		
128	39.5	40.6	61.0#
54	69.4	38.1	57.1#

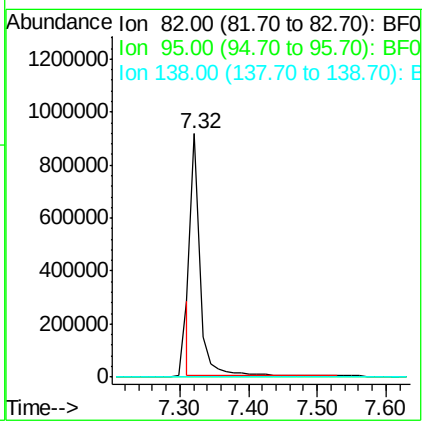


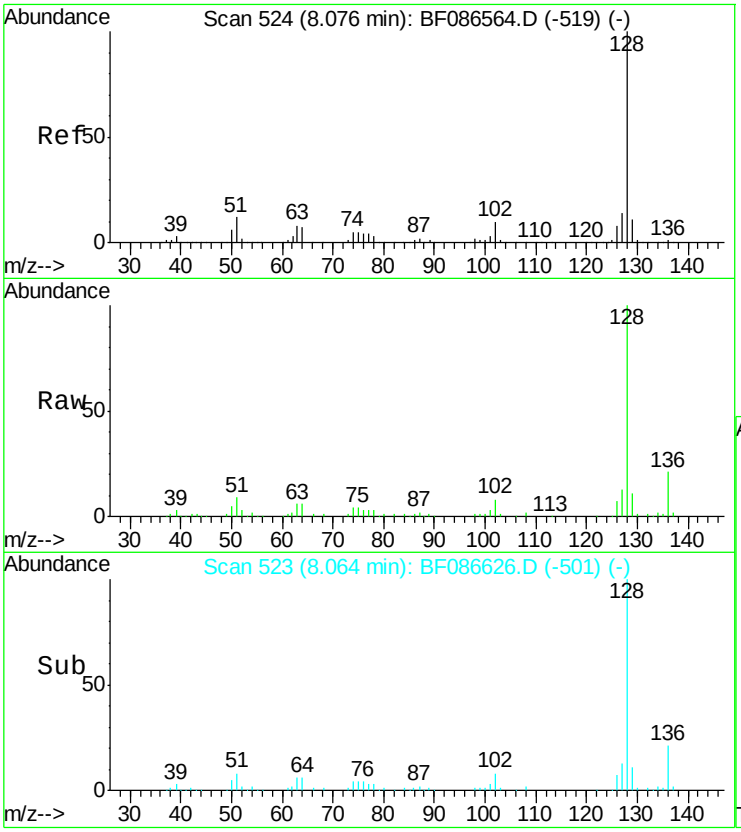


#25
Isophorone
Concen: 31.13 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.32 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion: 82 Resp: 828091

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



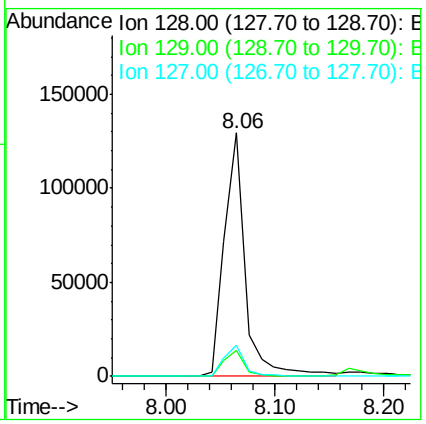


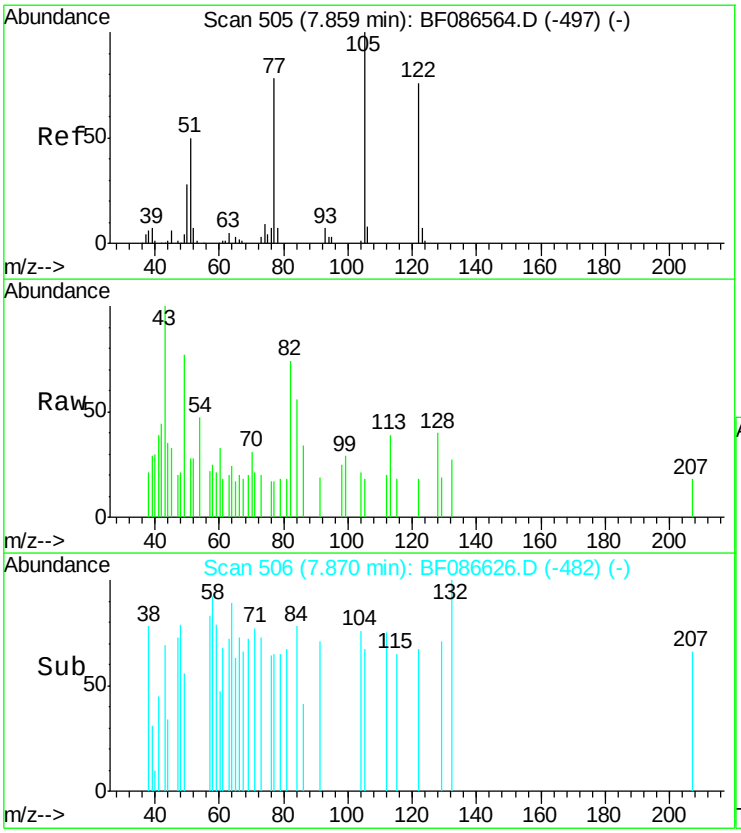
#31
Naphthalene
Concen: 4.50 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:128 Resp: 170638

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	12.8	10.8	16.2

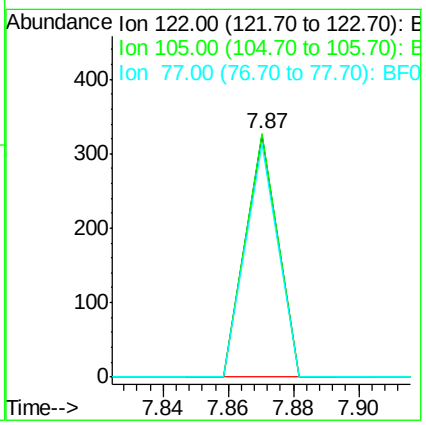


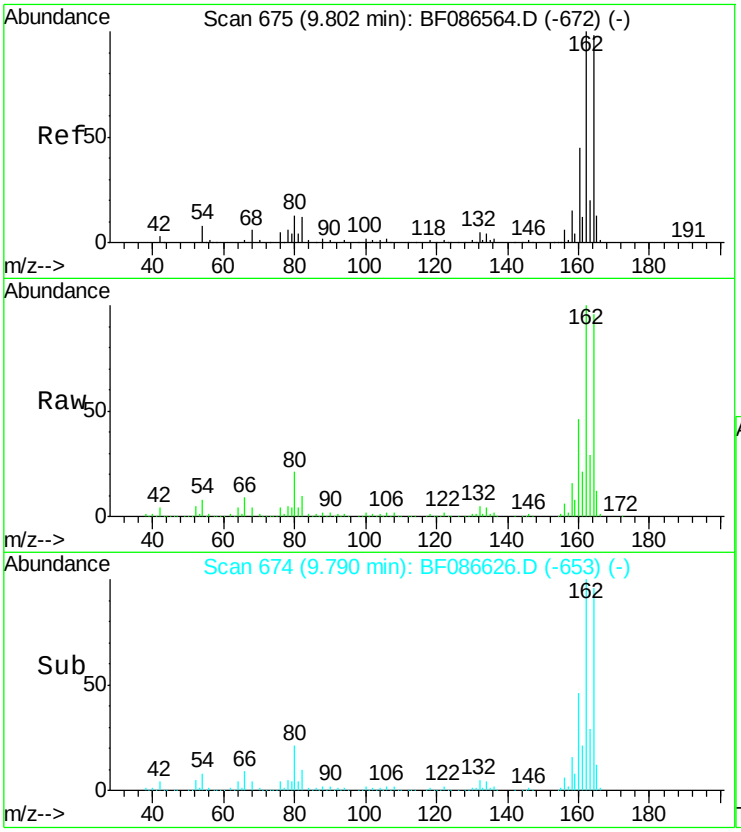


#32
Benzoic acid
Concen: 8.81 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion:122 Resp: 224

Ion	Ratio	Lower	Upper
122	100		
105	100.3	92.6	132.6
77	96.0	60.0	100.0



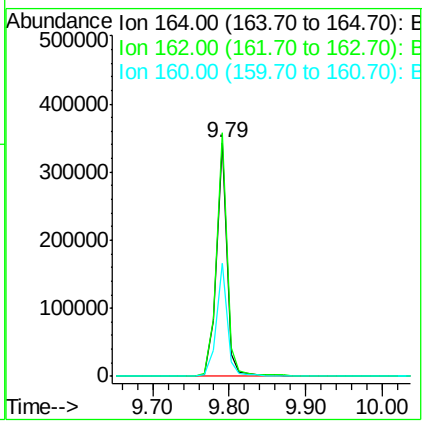


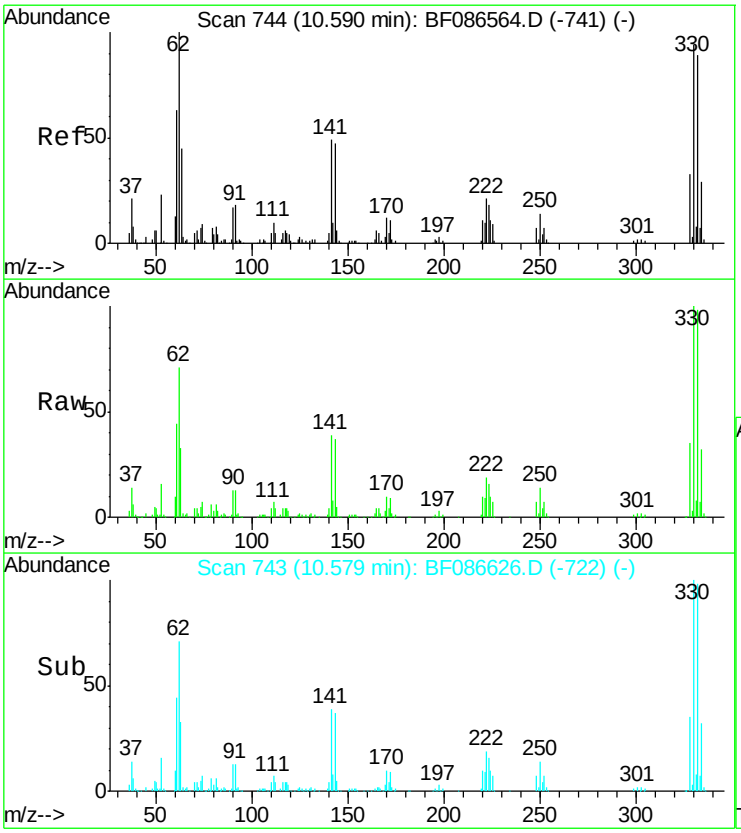
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:164 Resp: 333716

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.8	124.2
160	48.2	36.9	55.3

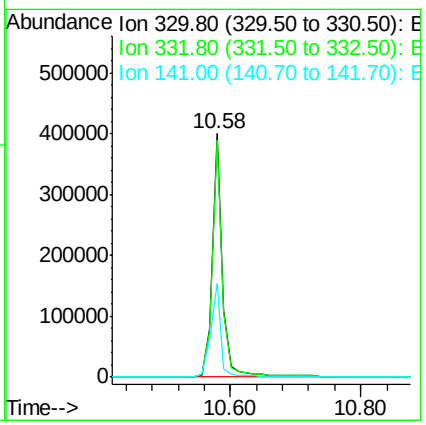


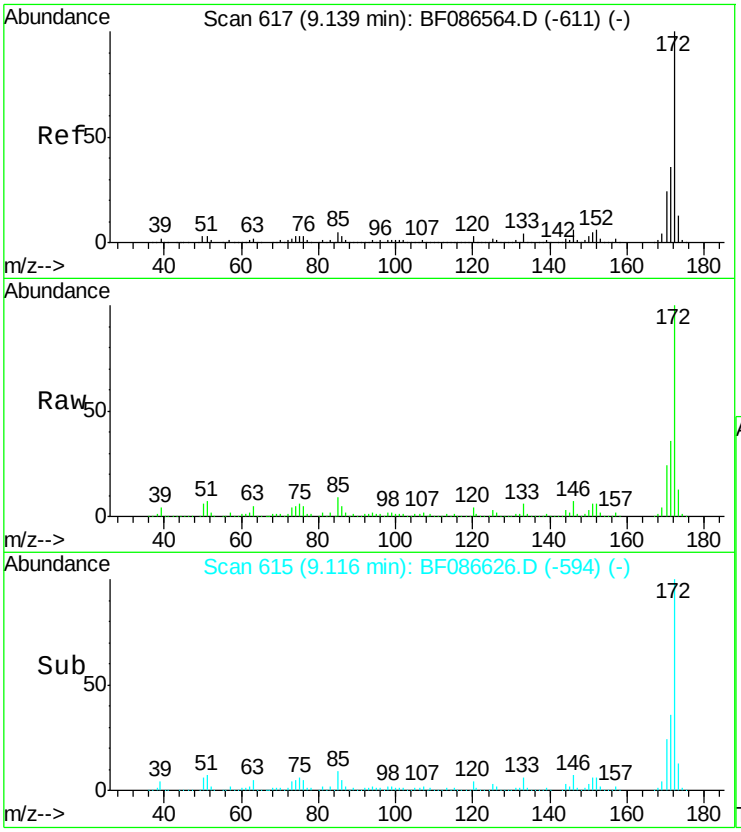


#41
2,4,6-Tribromophenol
Concen: 128.49 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion:330 Resp: 452200

Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.4
141	38.9	31.2	46.8



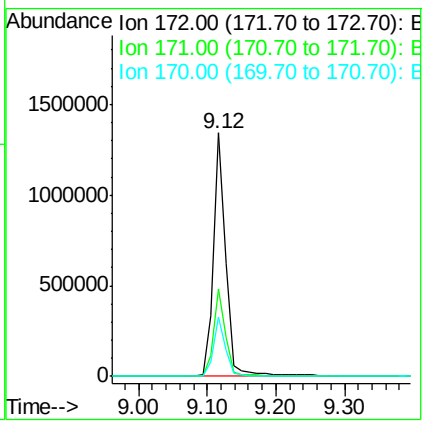


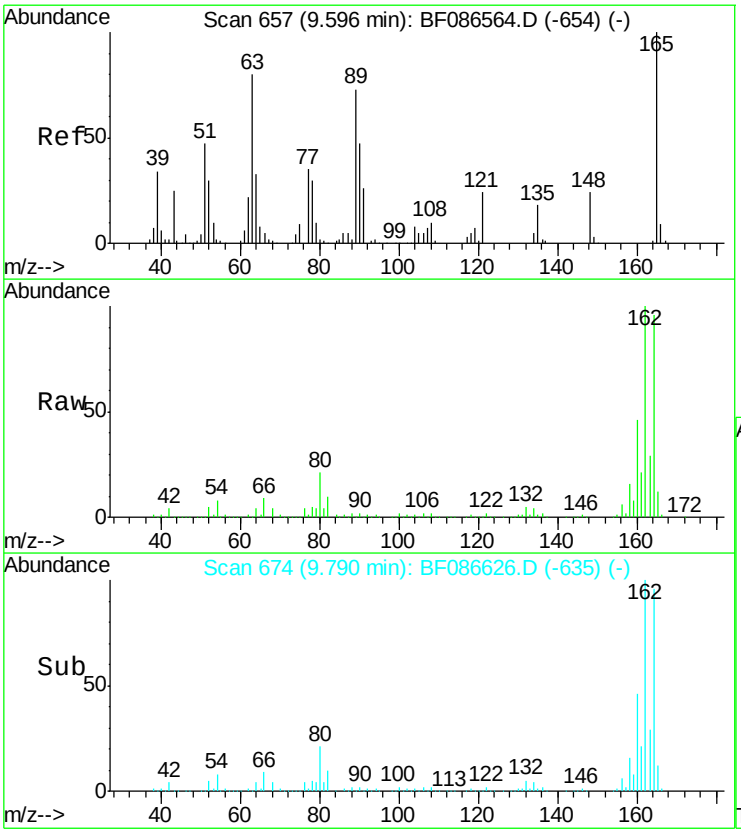
#44
2-Fluorobiphenyl
Concen: 92.68 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:172 Resp: 1733739

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.8	29.8

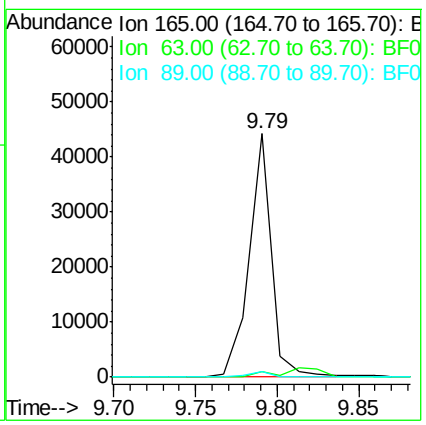


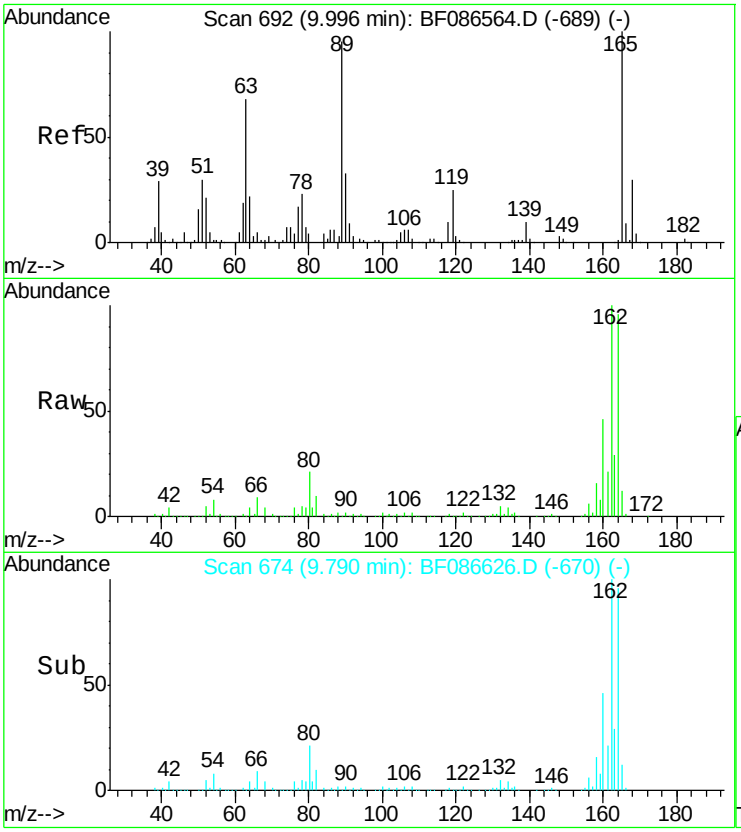


#50
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.15 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion:165 Resp: 42094

Ion	Ratio	Lower	Upper
165	100		
63	2.3	51.8	77.8#
89	2.2	50.7	76.1#



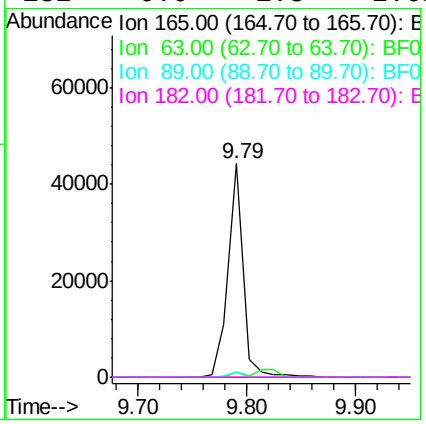


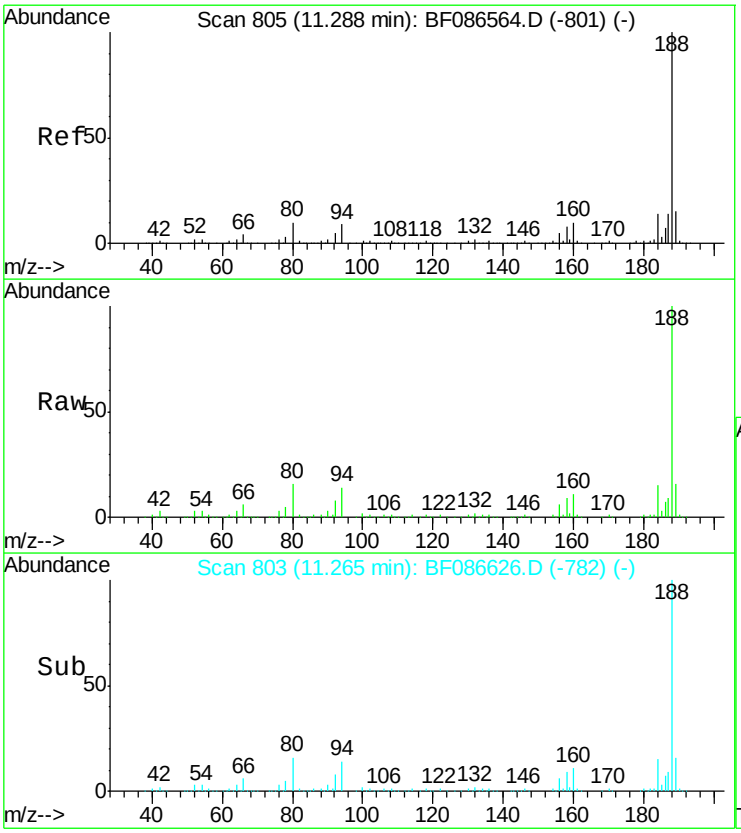
#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.25 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:165 Resp: 42598

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.3	66.5#
89	2.2	70.0	105.0#
182	0.0	1.8	2.6#

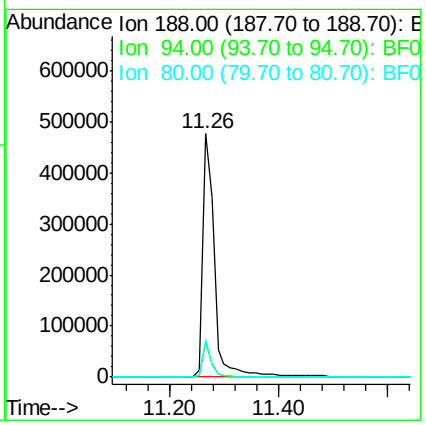


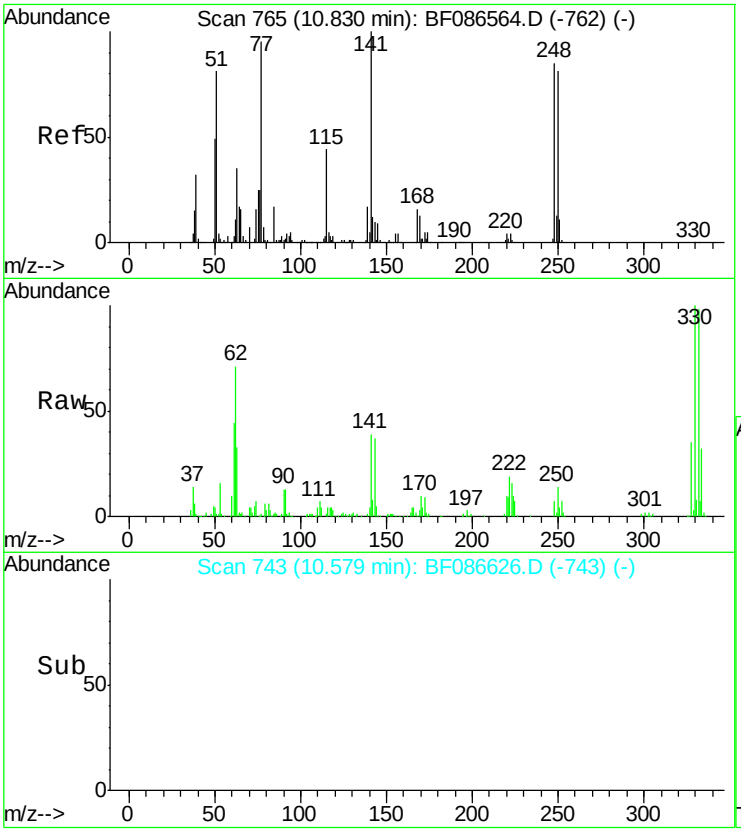


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion:188 Resp: 705425

Ion	Ratio	Lower	Upper
188	100		
94	14.4	6.8	10.2#
80	15.6	7.1	10.7#



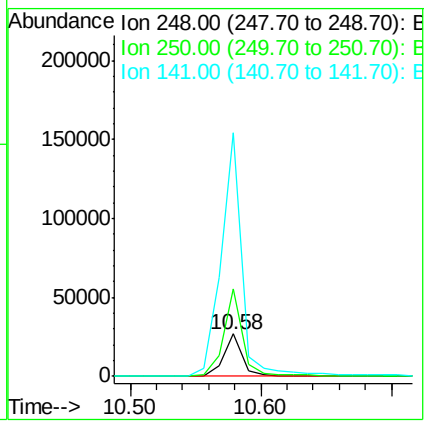


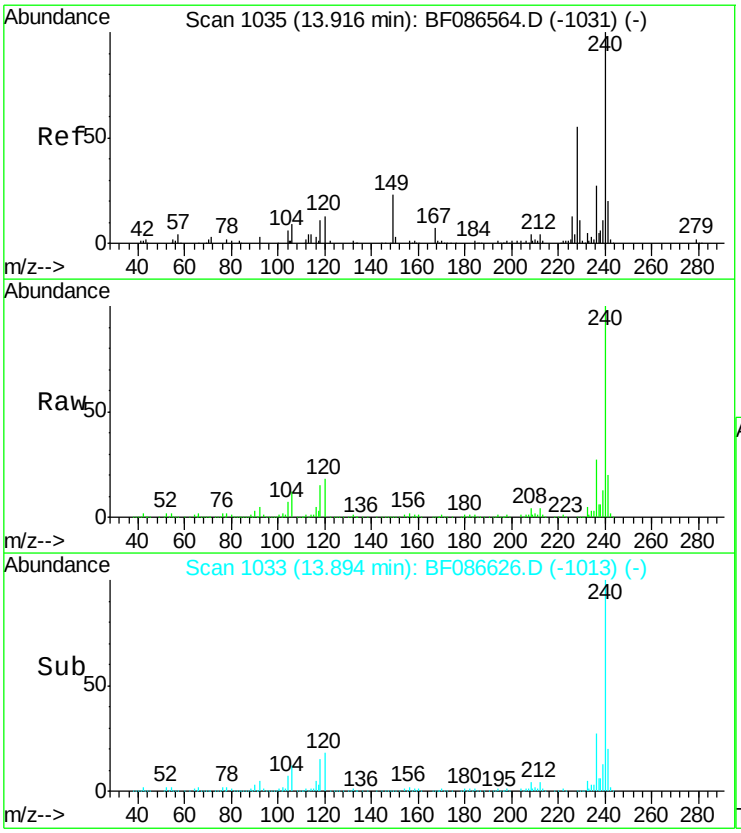
#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:248 Resp: 27839

Ion	Ratio	Lower	Upper
248	100		
250	205.0	78.6	117.8#
141	571.8	76.0	114.0#

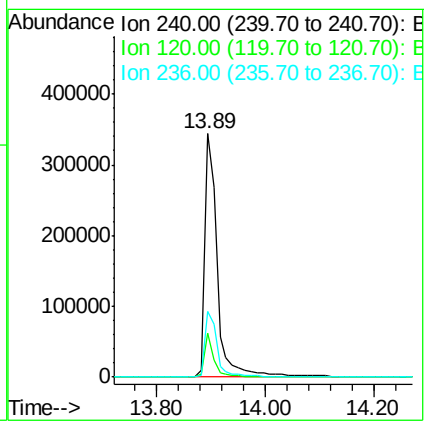


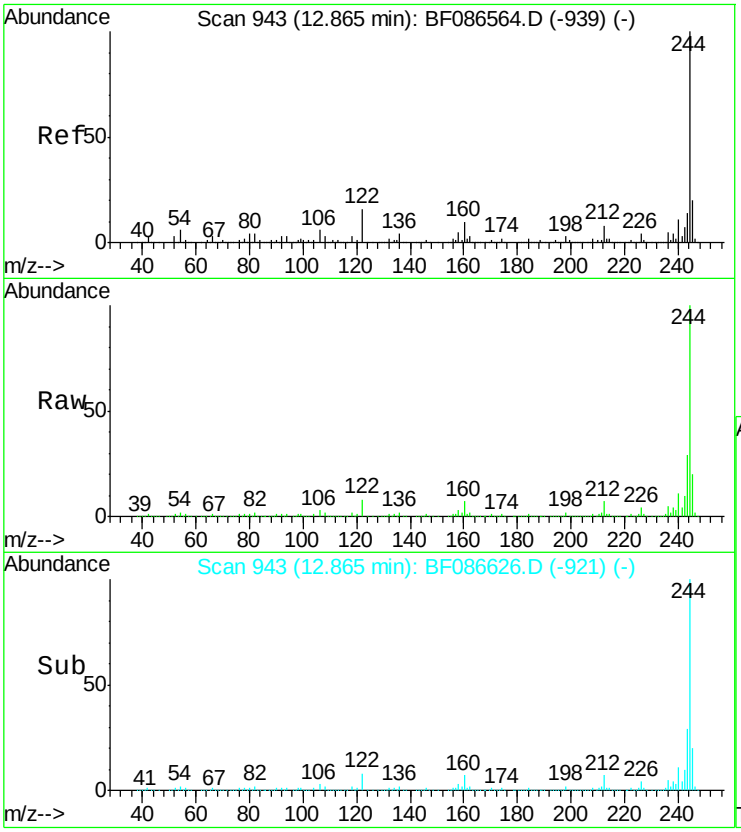


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion:240 Resp: 549138

Ion	Ratio	Lower	Upper
240	100		
120	18.1	11.2	16.8#
236	27.0	21.2	31.8



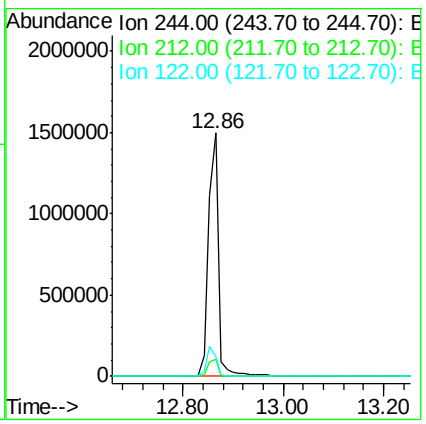


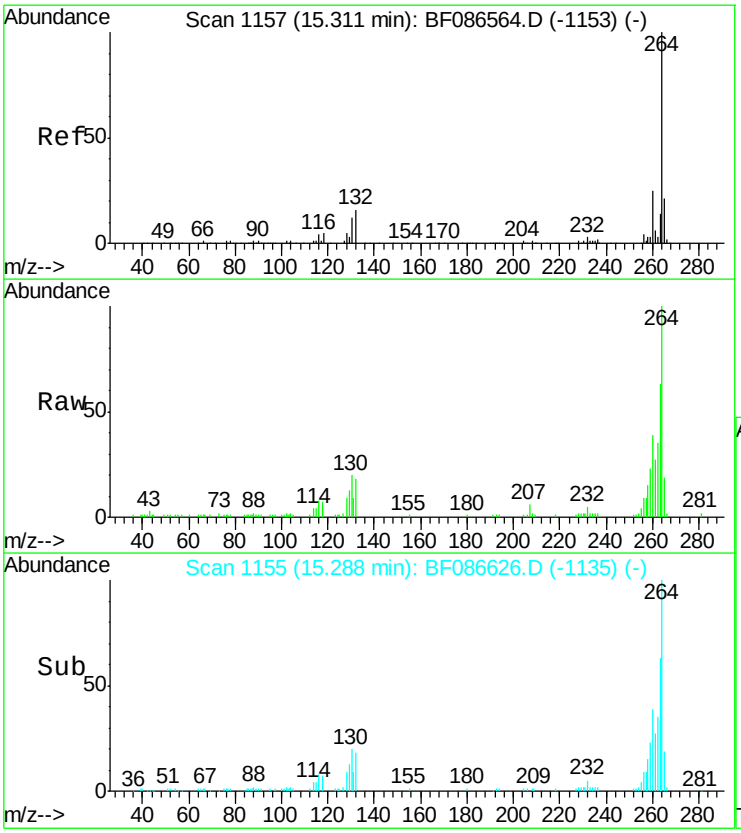
#78
Terphenyl-d14
Concen: 83.33 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:244 Resp: 2077058

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	8.3	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086626.D
Acq: 2 May 2016 19:22

Tgt Ion:264 Resp: 89271

Ion	Ratio	Lower	Upper
264	100		
260	39.4	19.5	29.3#
265	19.5	17.3	25.9