Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
Data File : BF086772.D
Acq On : 7 May 2016 14:17
Operator : UM/SJ
Sample : H2878-02
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJQUILLFIELDBLANK-1-5-03-16

Quant Time: May 07 23:50:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168061	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	667141	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	326642	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	623419	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	393554	40.00	ng	-0.03
86) Perylene-d12	15.22	264	301177	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	723641	71.28	ng	-0.01
7) Phenol-d6	6.36	99	568711	41.59	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1311634	101.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	584510	182.93	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2156663	108.23	ng	-0.03
78) Terphenyl-d14	12.81	244	1952942	100.29	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	35203	5.16	ng	# 73
15) Benzyl Alcohol	6.85	79	24084	2.72	ng	# 43
19) n-Nitroso-di-n-propylamine	7.28	70	187880	20.11	ng	# 72
25) Isophorone	7.28	82	1264365	52.30	ng	# 68
50) 2,6-Dinitrotoluene	9.73	165	41323	7.91	ng	# 21
56) 2,4-Dinitrotoluene	9.73	165	41549	6.42	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.53	198	1333	5.69	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	36249	5.85	ng	# 1

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

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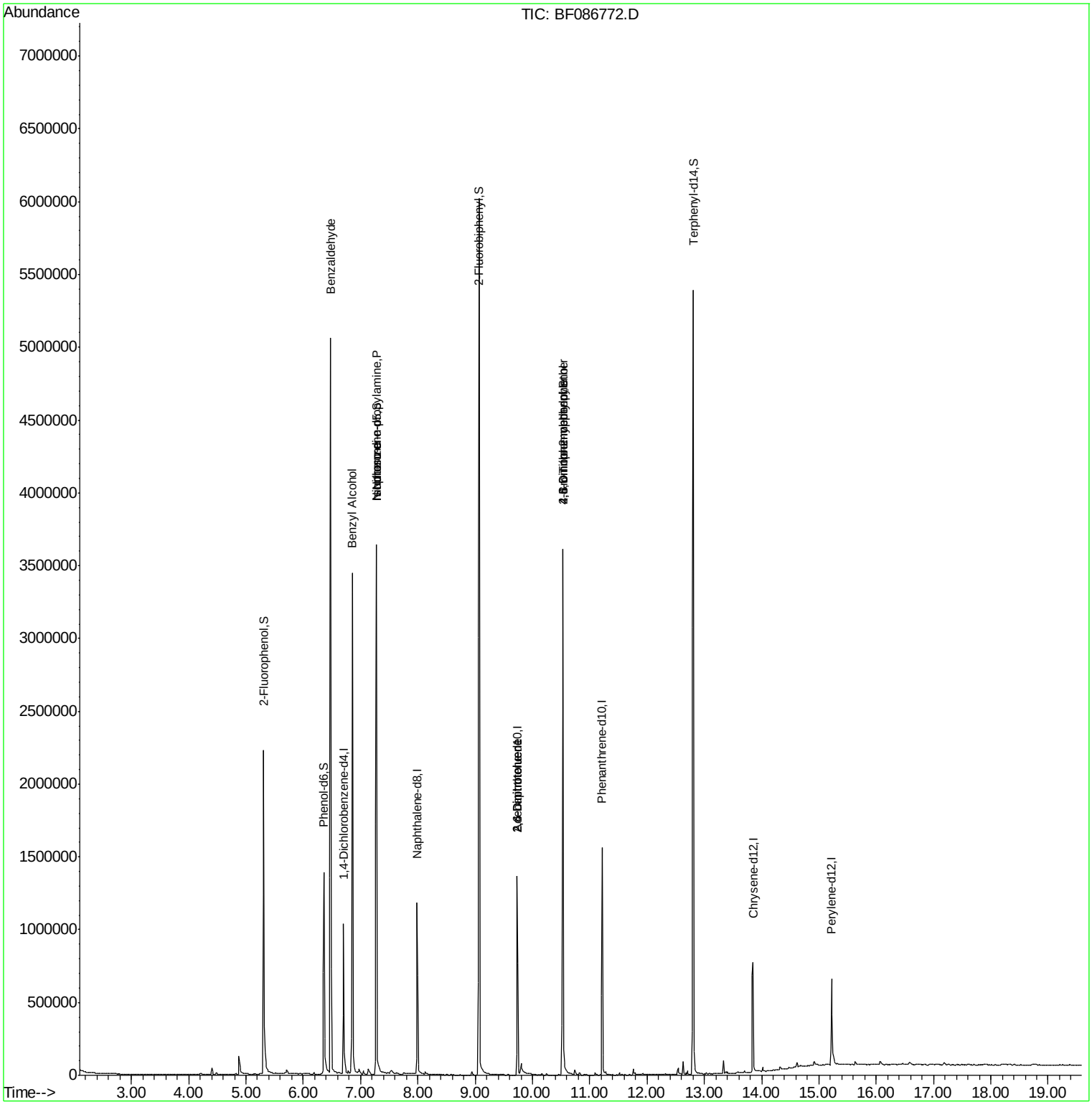
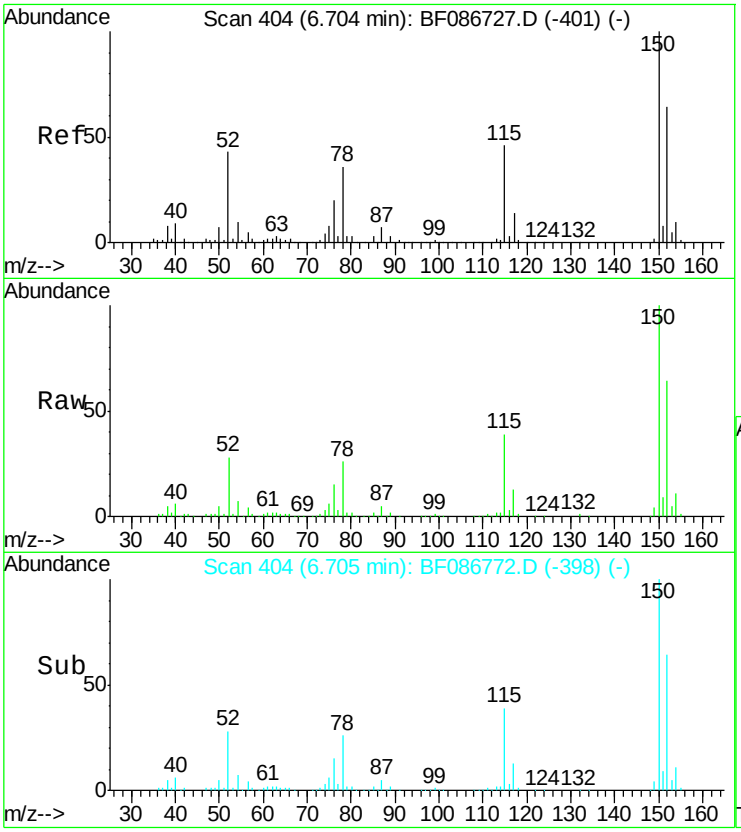


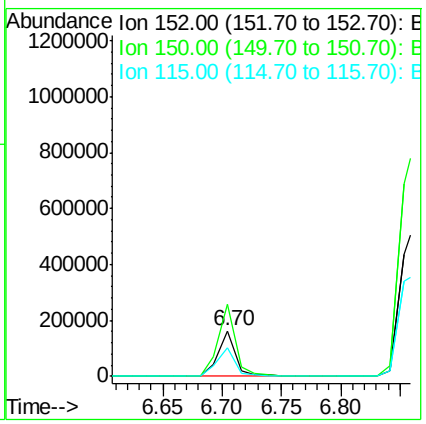


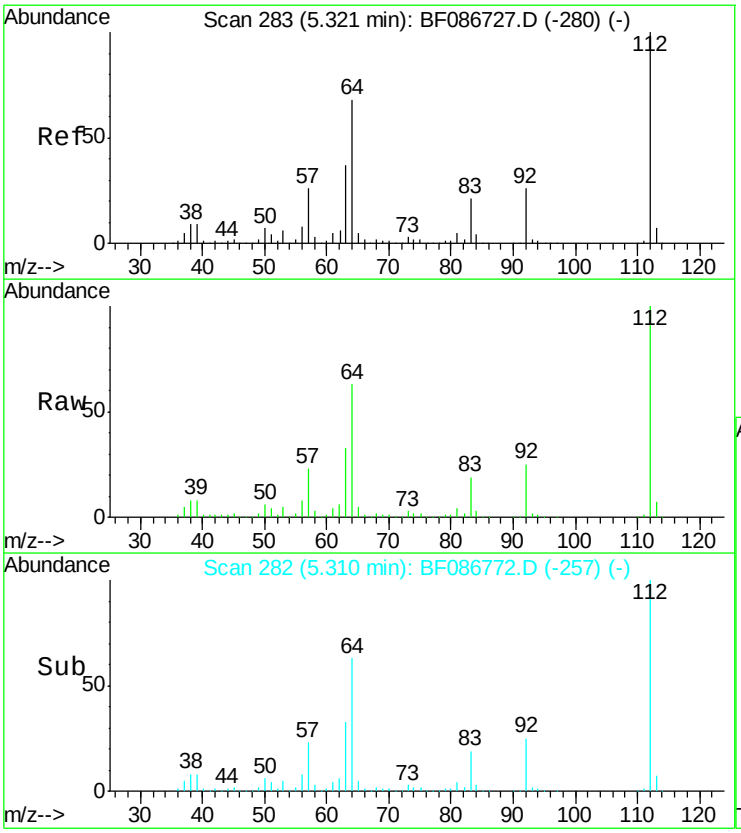
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-5-03-16

Tgt Ion:152 Resp: 168061

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.8	188.6
115	61.6	51.5	77.3

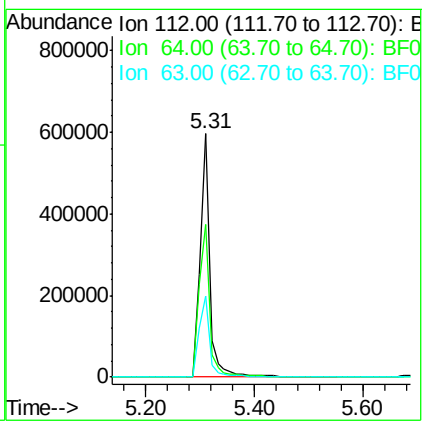


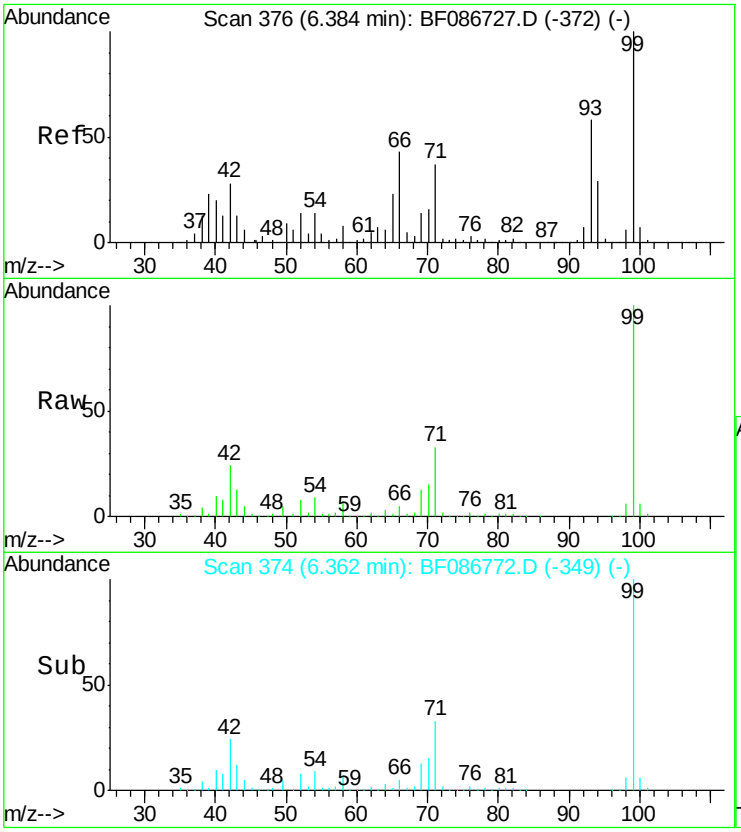


#5
2-Fluorophenol
Concen: 71.28 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Tgt Ion:112 Resp: 723641

Ion	Ratio	Lower	Upper
112	100		
64	62.8	52.1	78.1
63	33.5	25.7	38.5



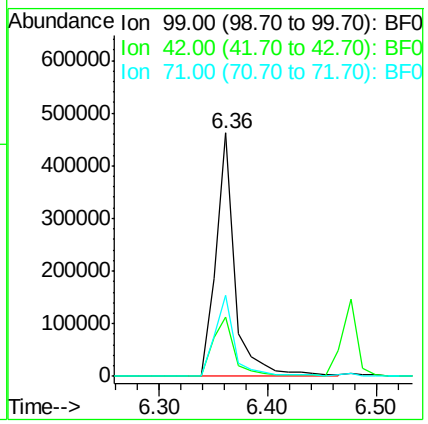


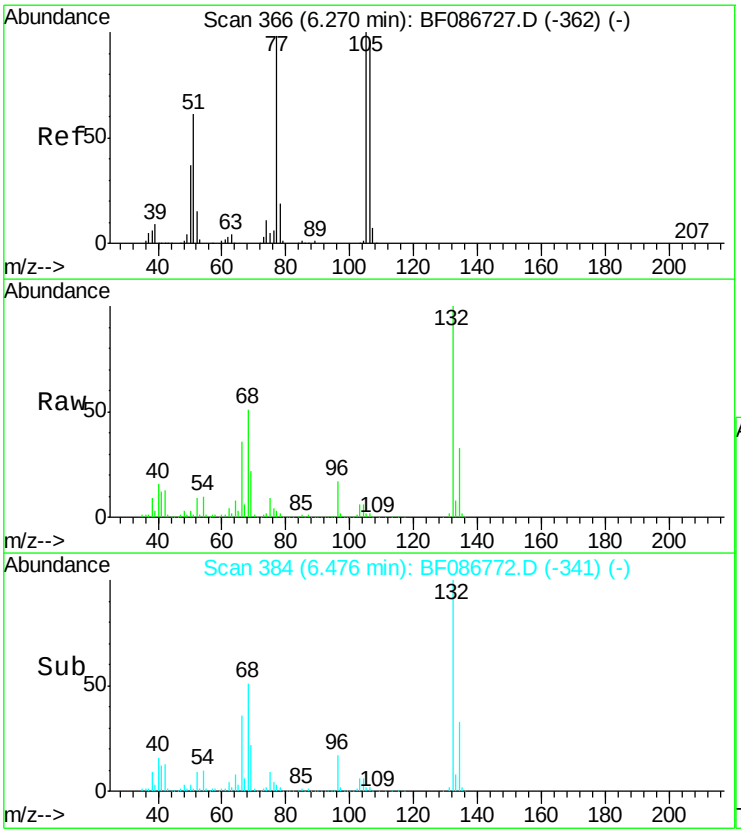
#7
Phenol-d6
Concen: 41.59 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-5-03-16

Tgt Ion: 99 Resp: 568711

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.6	20.4#
71	33.4	24.6	36.8

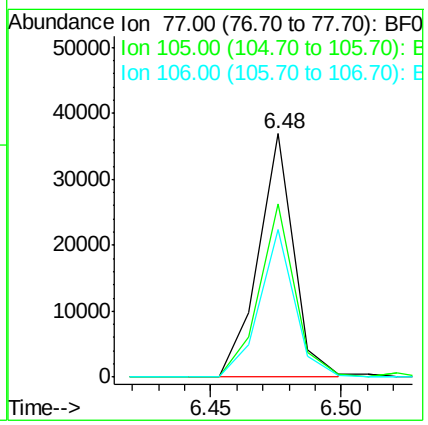


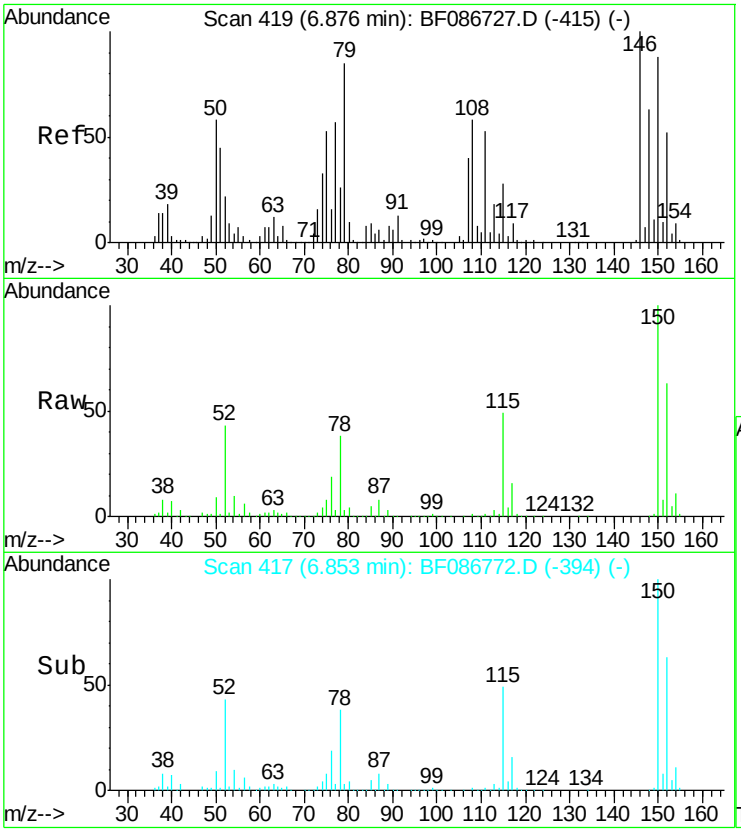


#9
Benzaldehyde
Concen: 5.16 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.19 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Tgt Ion: 77 Resp: 35203

Ion	Ratio	Lower	Upper
77	100		
105	71.3	72.7	112.7#
106	60.6	70.8	110.8#



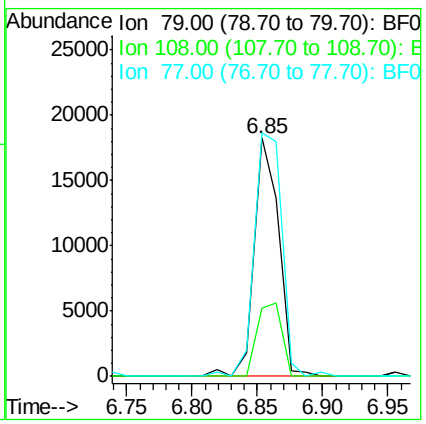


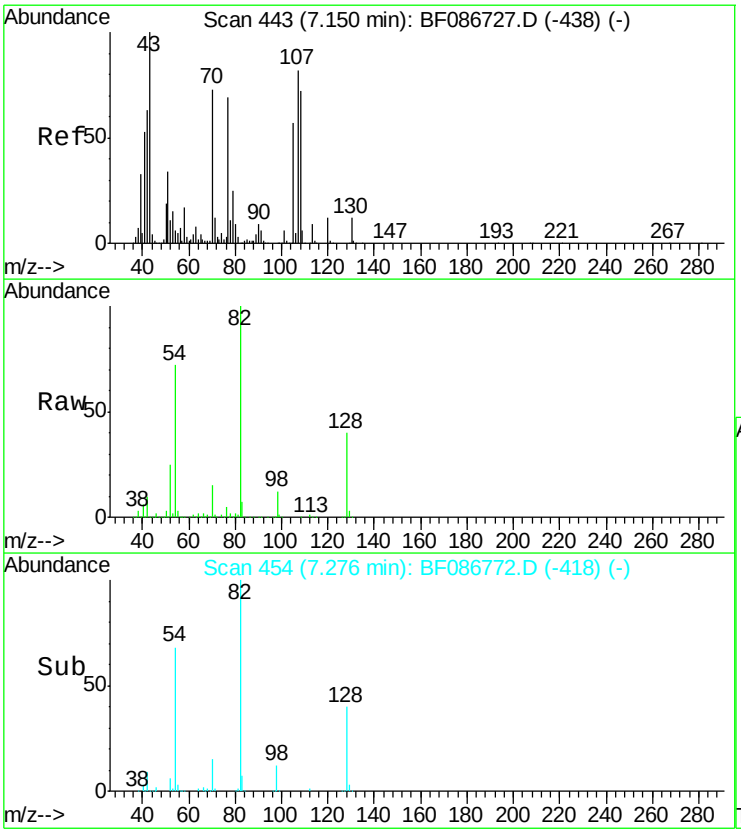
#15
Benzyl Alcohol
Concen: 2.72 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-5-03-16

Tgt Ion: 79 Resp: 24084

Ion	Ratio	Lower	Upper
79	100		
108	28.6	68.4	102.6#
77	102.2	50.6	76.0#

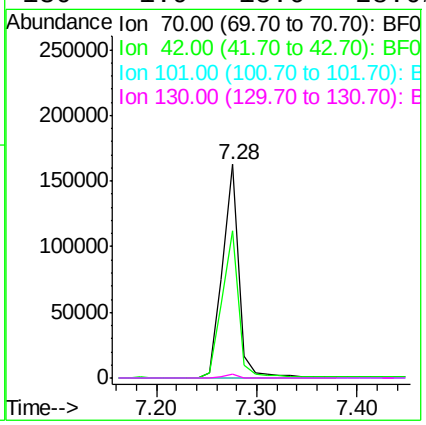


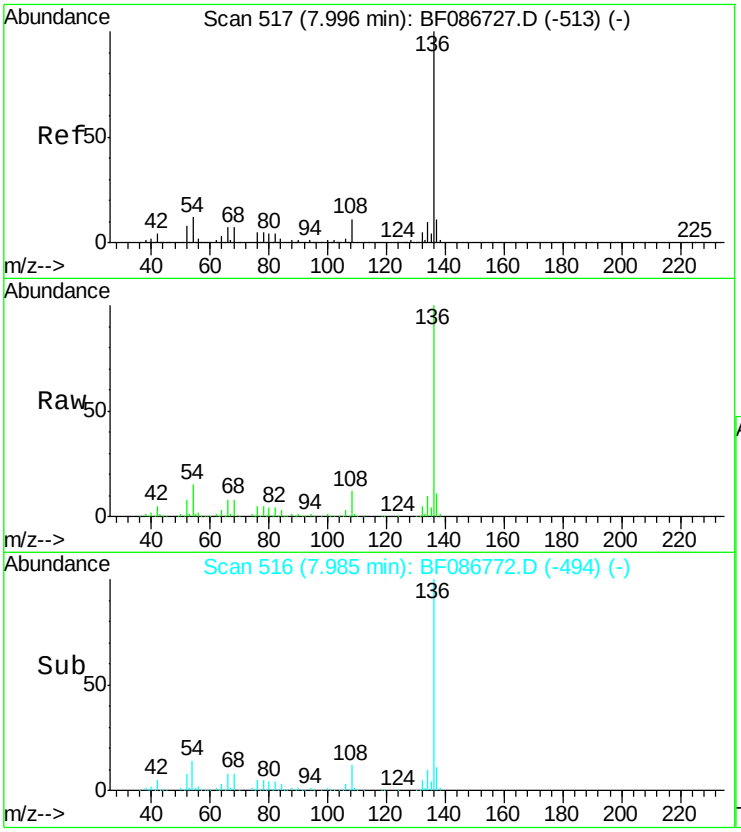


#19
n-Nitroso-di-n-propylamine
Concen: 20.11 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.11 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Tgt Ion: 70 Resp: 187880

Ion	Ratio	Lower	Upper
70	100		
42	69.2	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



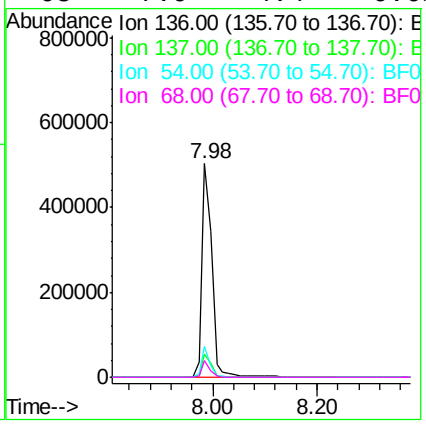


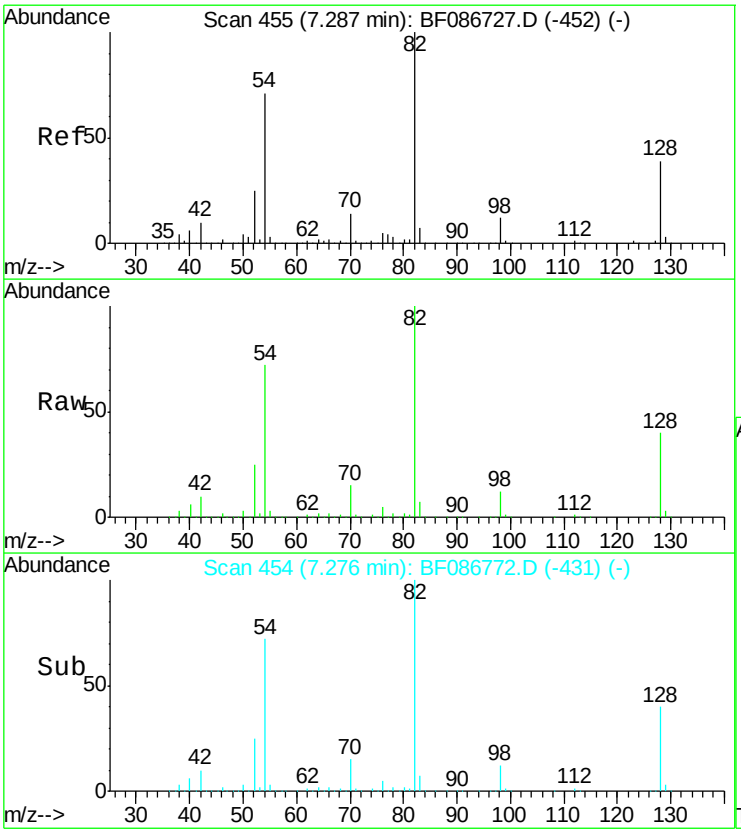
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-5-03-16

Tgt Ion:136 Resp: 667141

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.6	5.0	7.4#
68	7.9	4.4	6.6#

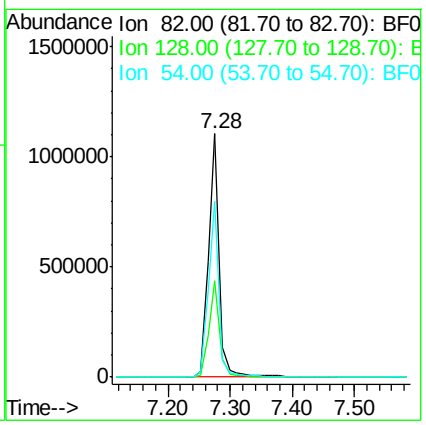


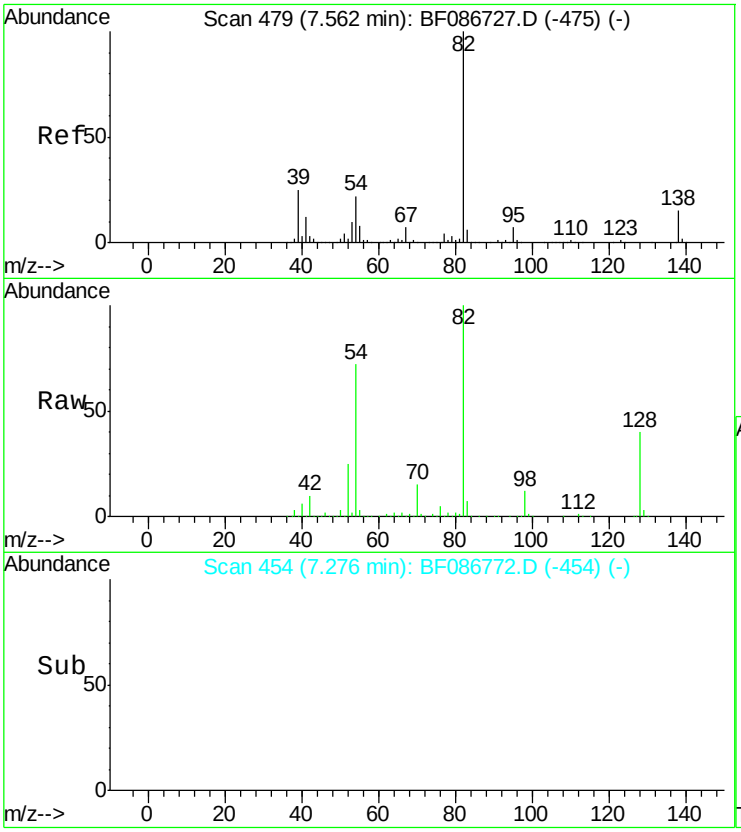


#23
Nitrobenzene-d5
Concen: 101.03 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Tgt Ion: 82 Resp: 1311634

Ion	Ratio	Lower	Upper
82	100		
128	39.8	40.6	61.0#
54	72.0	38.1	57.1#



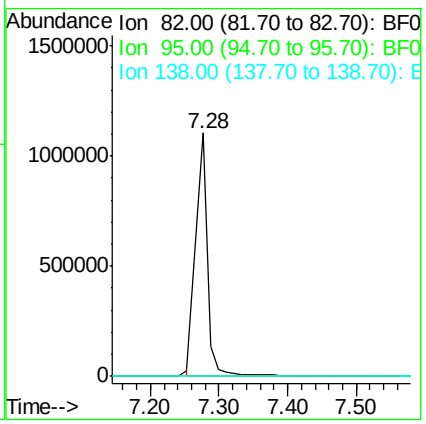


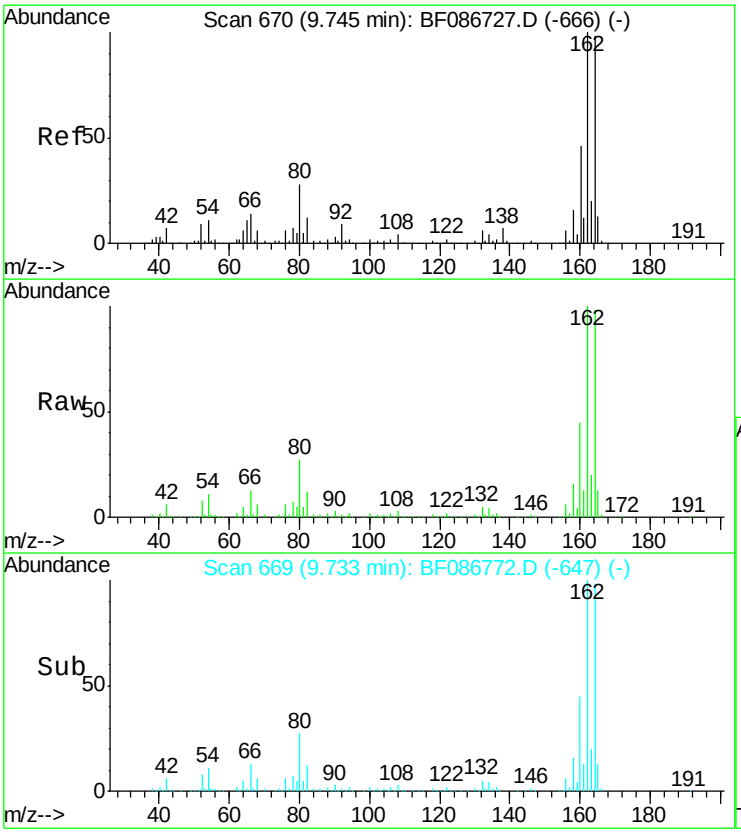
#25
Isophorone
Concen: 52.30 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.30 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-5-03-16

Tgt Ion: 82 Resp: 1264365

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

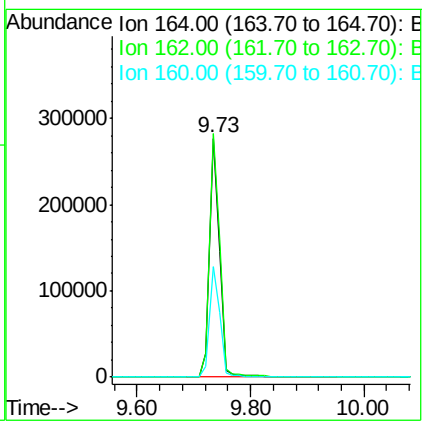


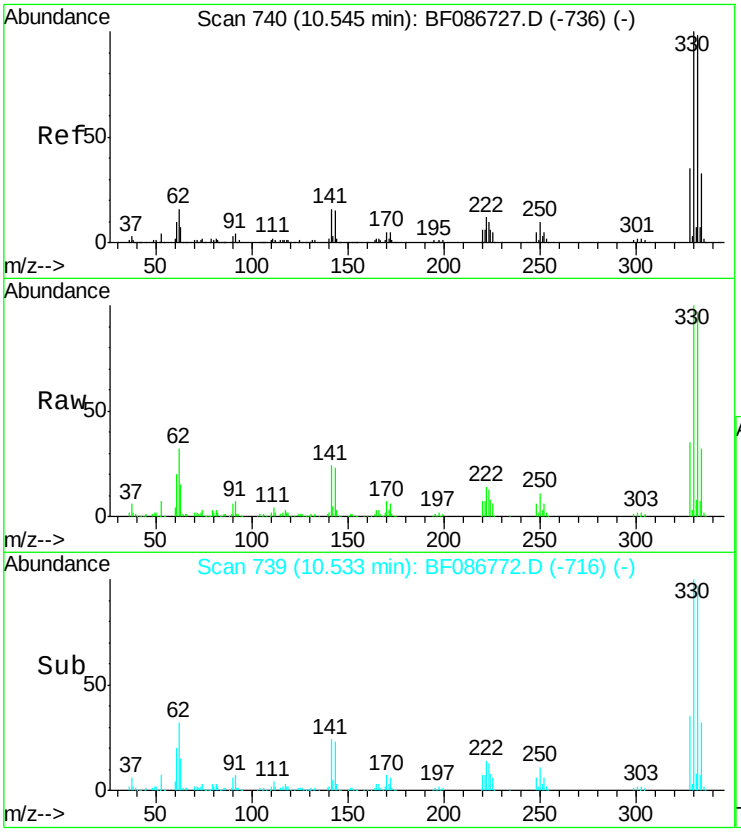


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Tgt Ion:164 Resp: 326642

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	46.2	36.9	55.3



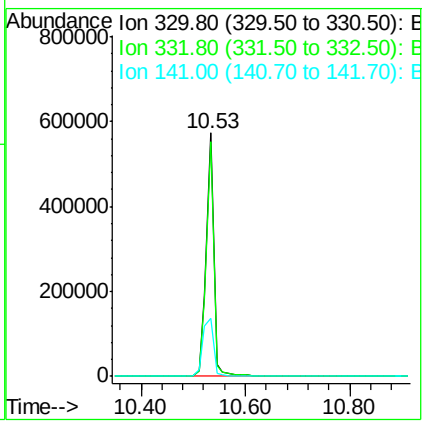


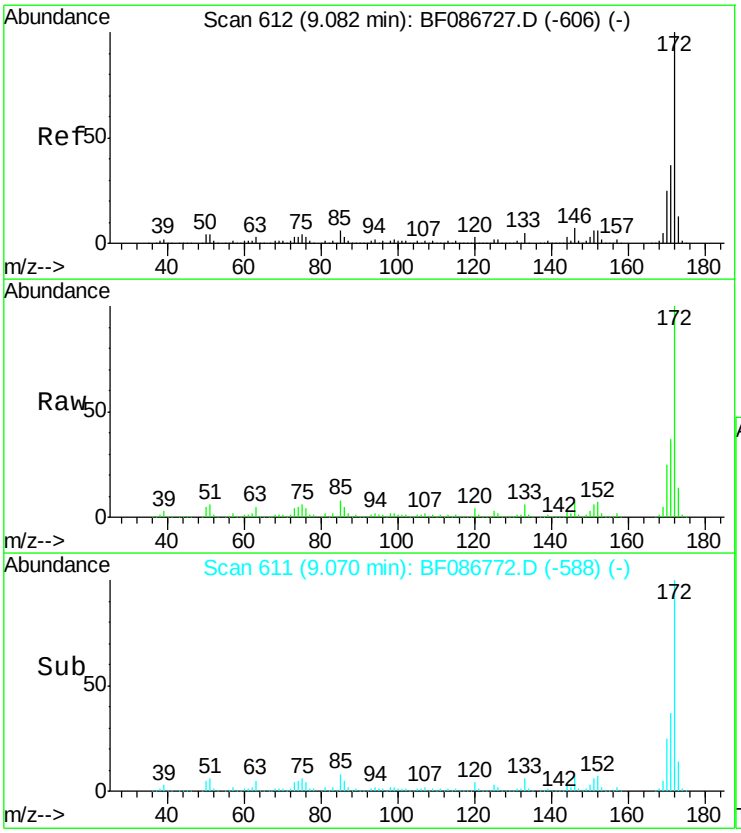
#41
2,4,6-Tribromophenol
Concen: 182.93 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-5-03-16

Tgt Ion:330 Resp: 584510

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	34.5	31.2	46.8

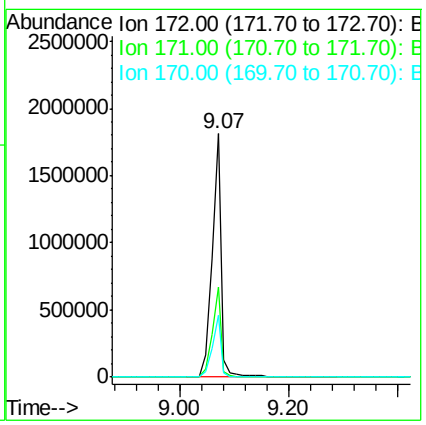


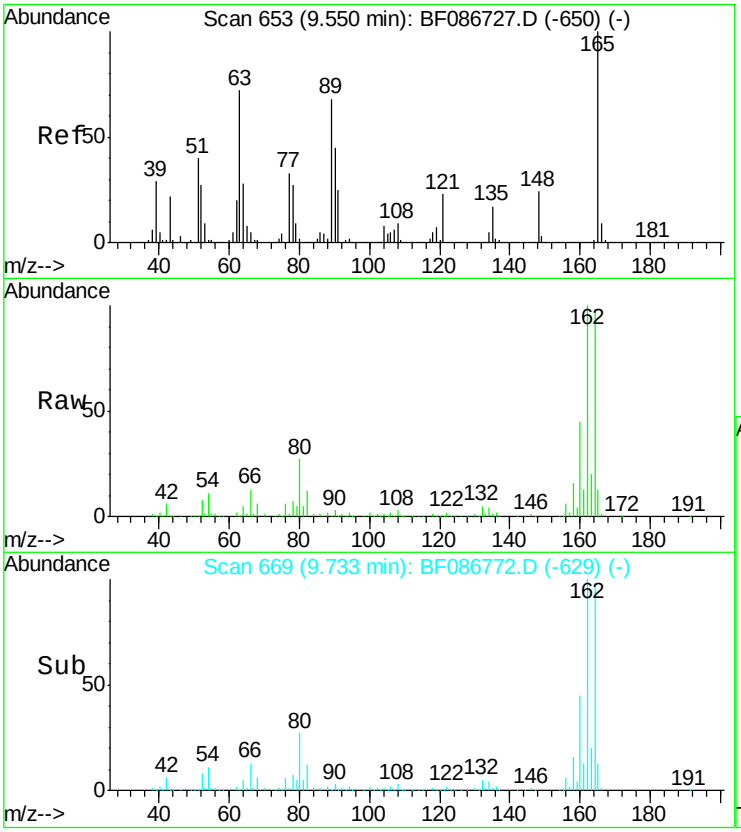


#44
2-Fluorobiphenyl
Concen: 108.23 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Tgt Ion:172 Resp: 2156663

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.6
170	25.4	19.8	29.8



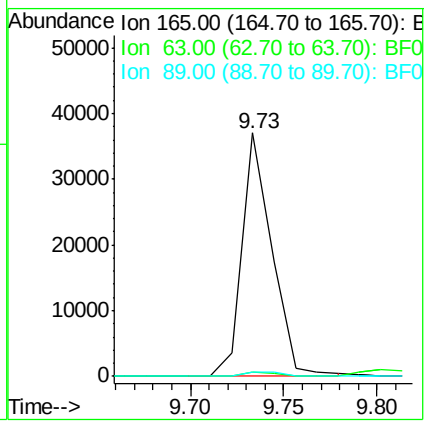


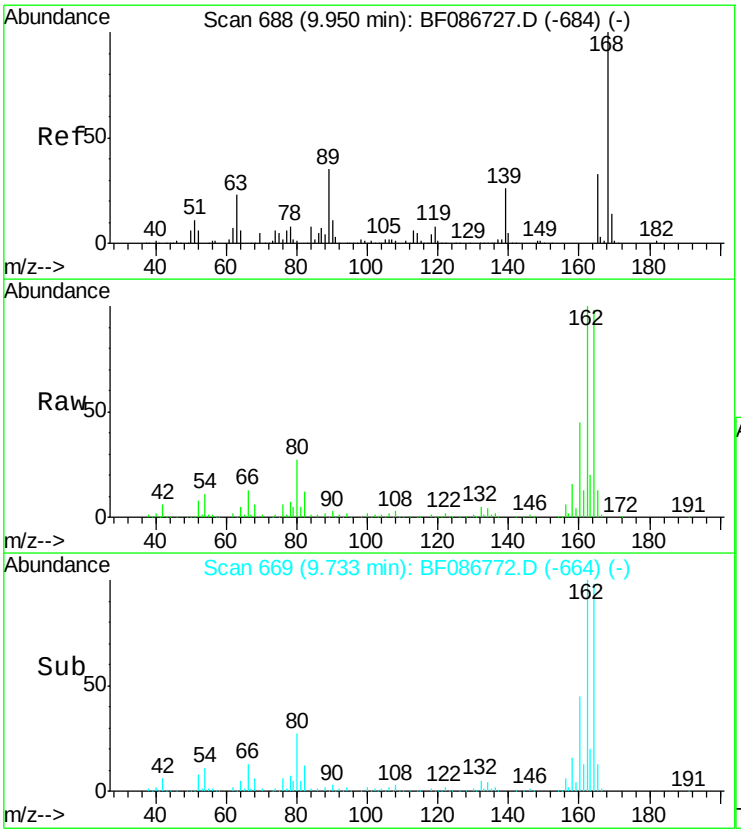
#50
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.16 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-5-03-16

Tgt Ion:165 Resp: 41323

Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	1.9	50.7	76.1#

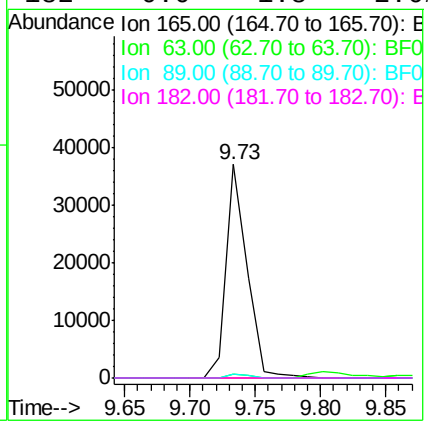


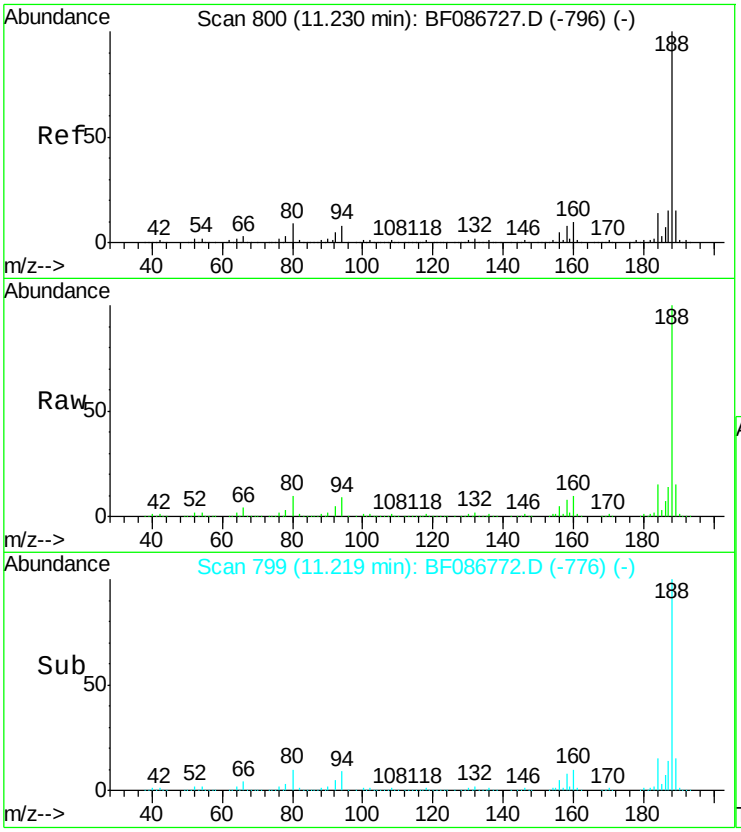


#56
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.24 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Tgt Ion:165 Resp: 41549

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#



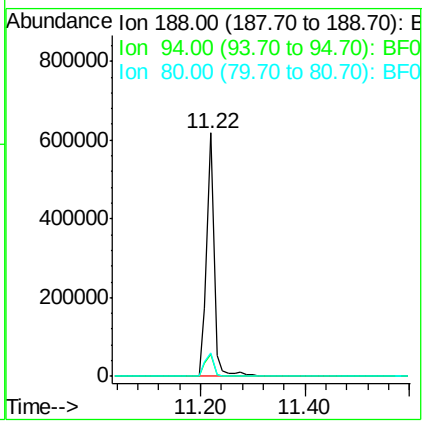


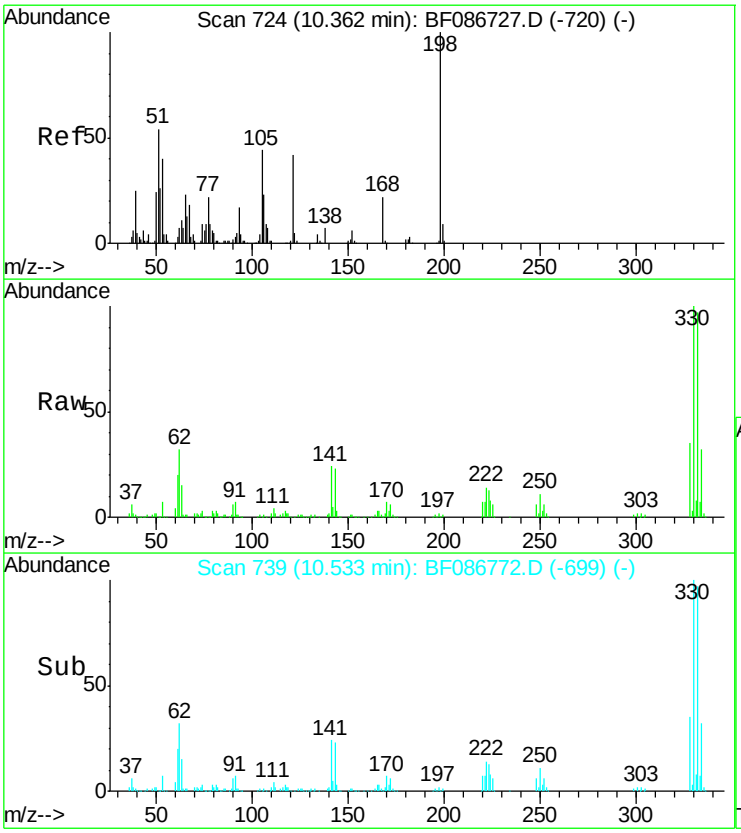
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-5-03-16

Tgt Ion:188 Resp: 623419

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	9.7	7.1	10.7

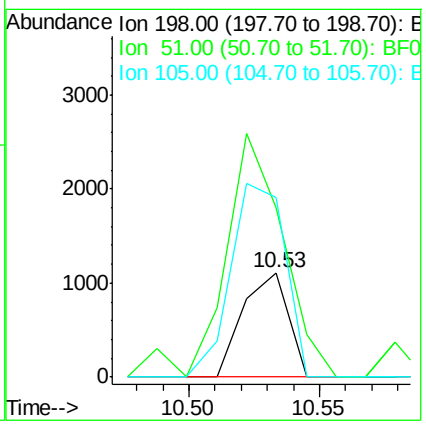


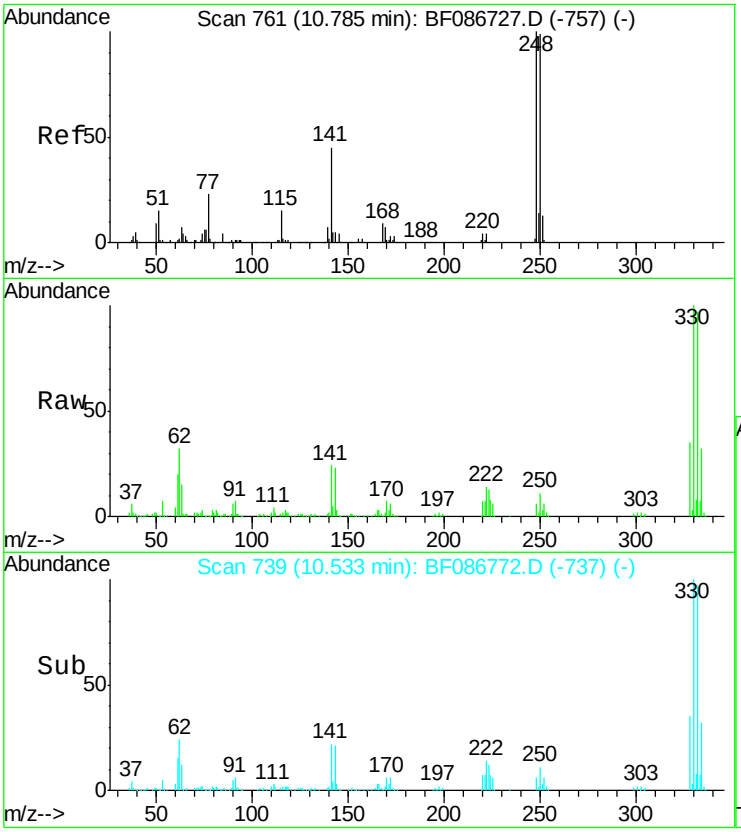


#64
4,6-Dinitro-2-methylphenol
Concen: 5.69 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.16 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Tgt Ion:198 Resp: 1333

Ion	Ratio	Lower	Upper
198	100		
51	161.7	20.5	60.5#
105	171.9	24.5	64.5#



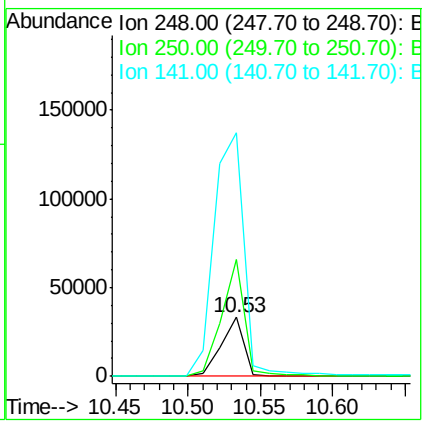


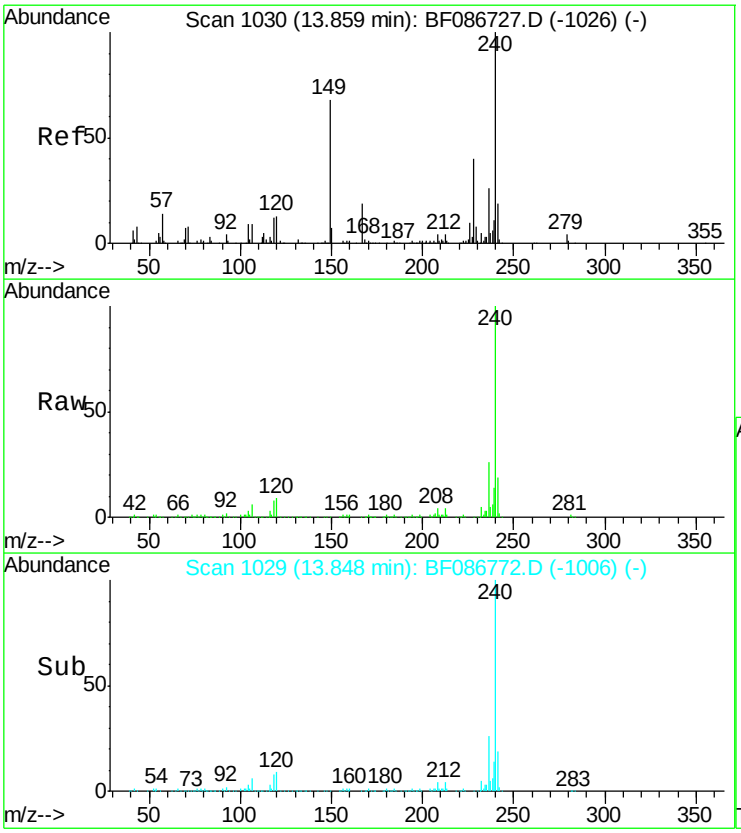
#66
4-Bromophenyl-phenylether
Concen: 5.85 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.27 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-5-03-16

Tgt Ion:248 Resp: 36249

Ion	Ratio	Lower	Upper
248	100		
250	197.9	78.6	117.8#
141	413.6	76.0	114.0#

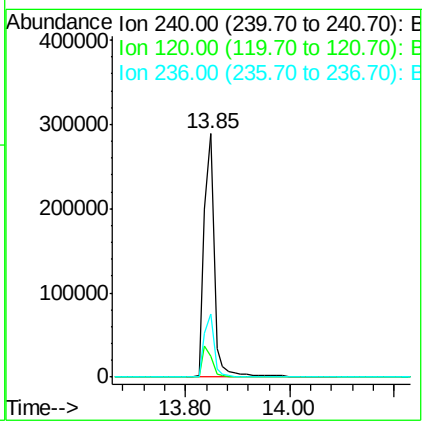


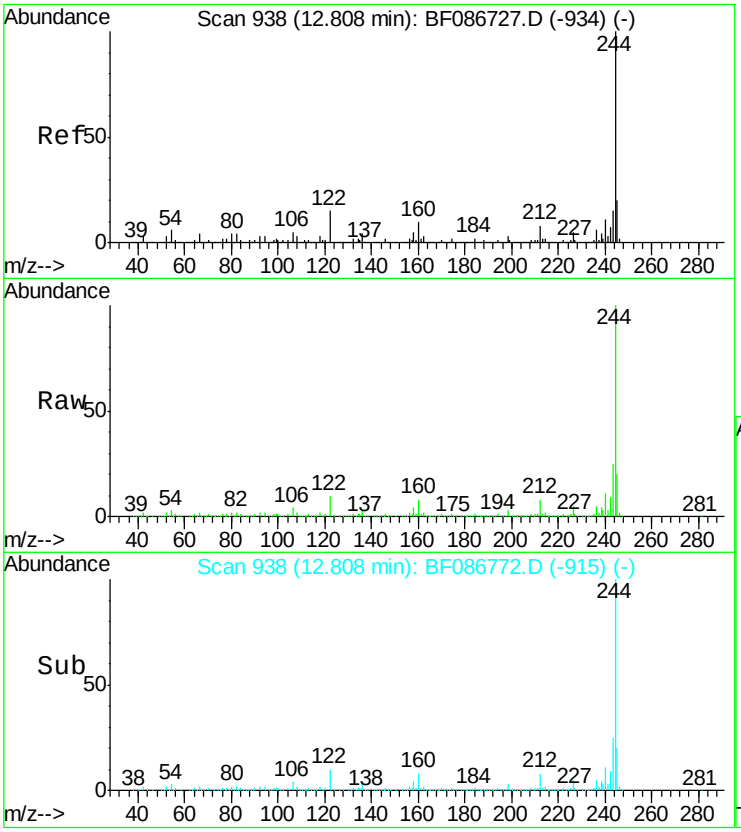


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Tgt Ion:240 Resp: 393554

Ion	Ratio	Lower	Upper
240	100		
120	8.8	11.2	16.8#
236	26.2	21.2	31.8



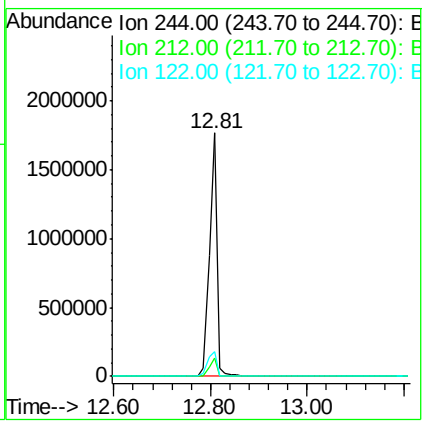


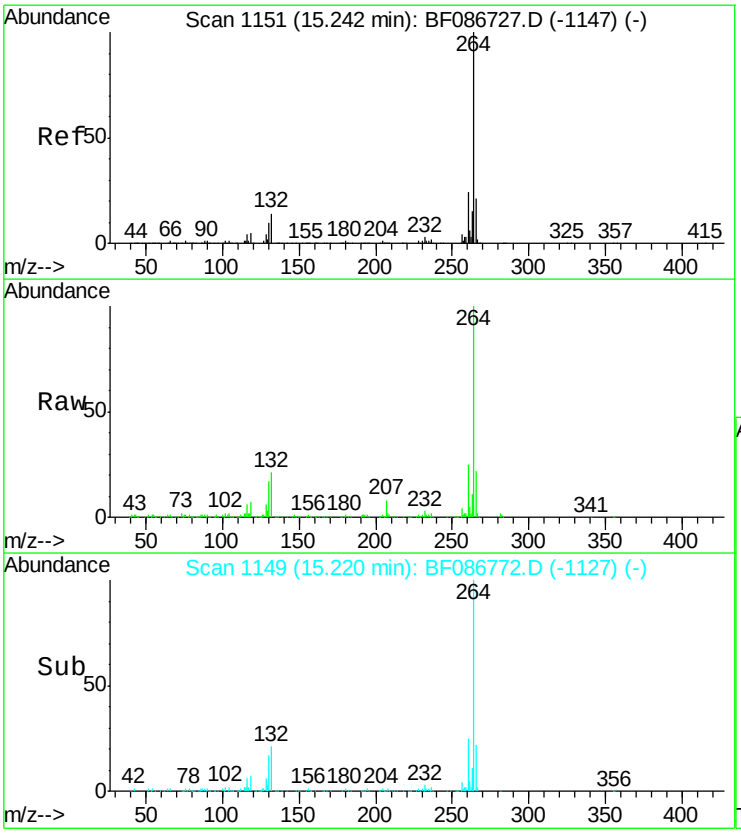
#78
Terphenyl-d14
Concen: 100.29 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.03 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-5-03-16

Tgt Ion:244 Resp: 1952942

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	10.2	12.0	18.0#





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF086772.D
Acq: 7 May 2016 14:17

Tgt Ion:264 Resp: 301177

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.0	17.3	25.9