Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089884.D
Acq On : 24 Aug 2016 19:34
Operator : UM/SJ
Sample : H4577-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB01-081816

Quant Time: Aug 25 12:21:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	397033	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	1748802	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	829949	20.00	ng		-0.01
63) Phenanthrene-d10	11.18	188	1461424	20.00	ng		-0.01
75) Chrysene-d12	13.82	240	1136128	20.00	ng		-0.06
86) Perylene-d12	15.25	264	866193	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1465374	63.29	ng		-0.02
7) Phenol-d6	6.30	99	1228574	43.23	ng		-0.02
23) Nitrobenzene-d5	7.23	82	2181962	77.51	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	905013	114.74	ng		-0.01
44) 2-Fluorobiphenyl	9.04	172	4220223	89.37	ng		-0.01
78) Terphenyl-d14	12.78	244	3744929	74.57	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	59128	3.19	ng		92
19) n-Nitroso-di-n-propylamine	7.23	70	290441	15.98	ng	#	73
25) Isophorone	7.23	82	1590863	28.02	ng	#	67
50) 2,6-Dinitrotoluene	9.70	165	109145	8.09	ng	#	26
56) 2,4-Dinitrotoluene	9.70	165	109126	6.23	ng	#	35
66) 4-Bromophenyl-phenylether	10.49	248	58034	3.79	ng	#	1

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

Quantitation Report (Not Reviewed)

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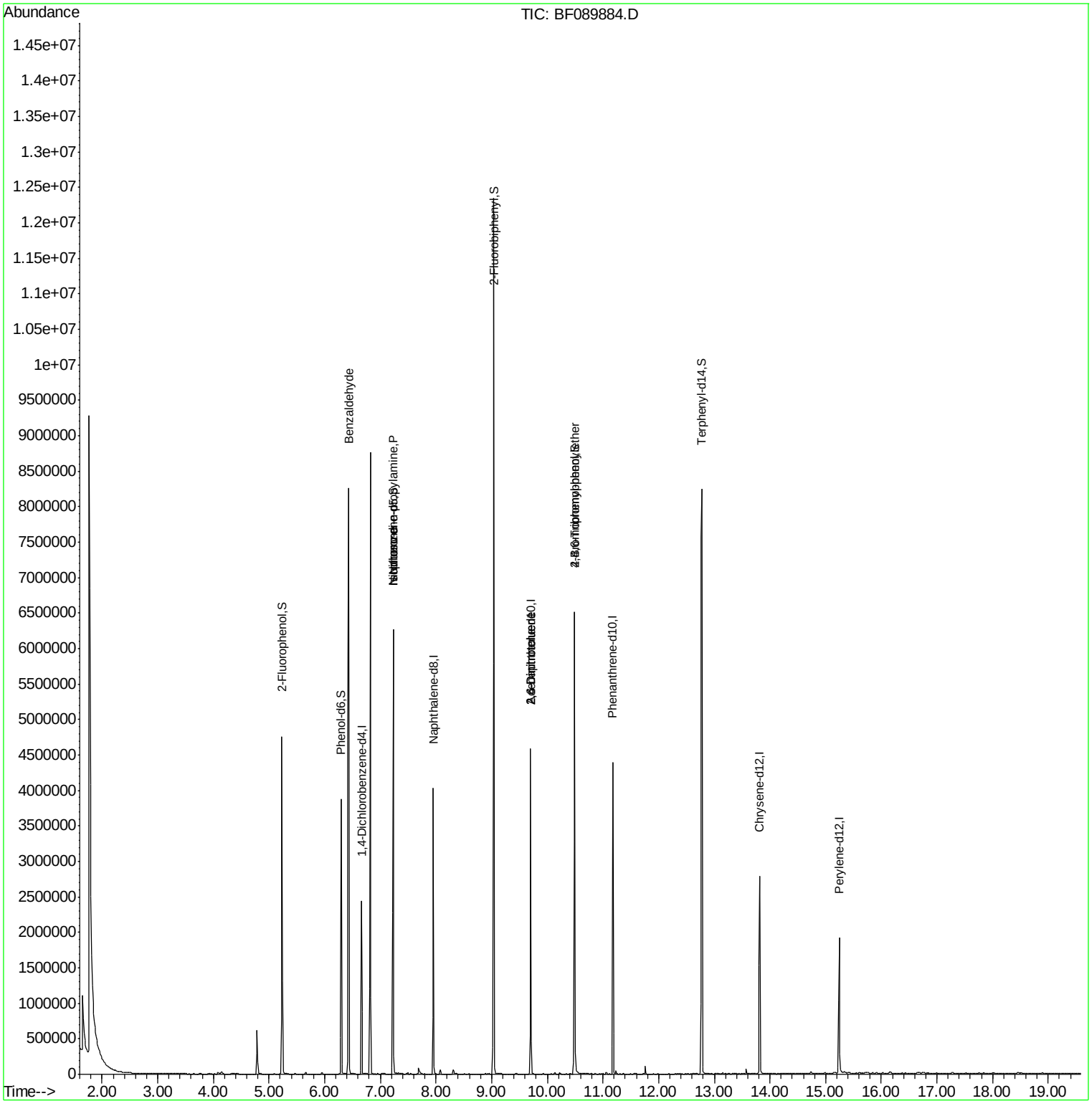
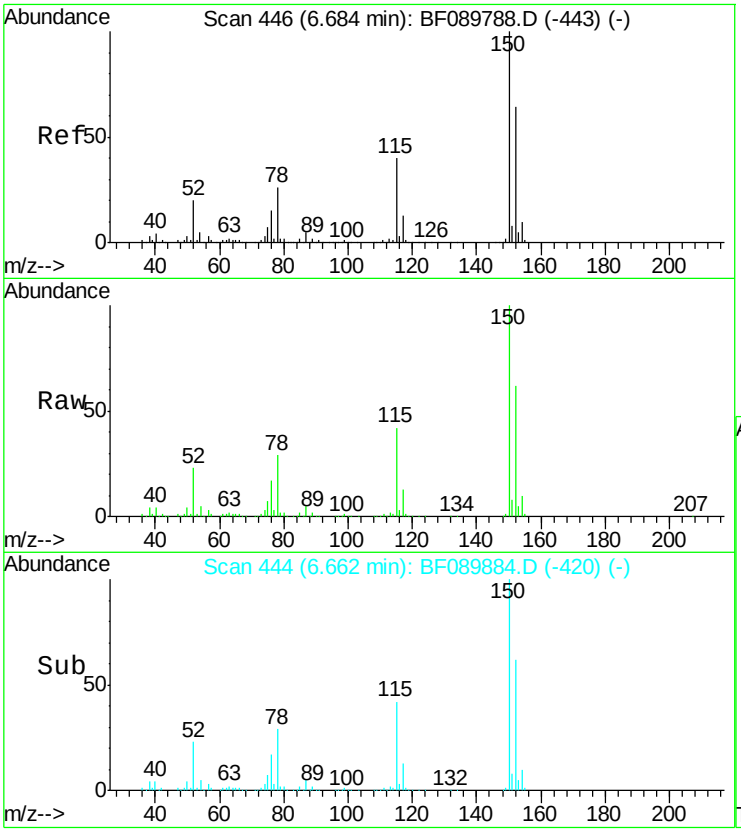


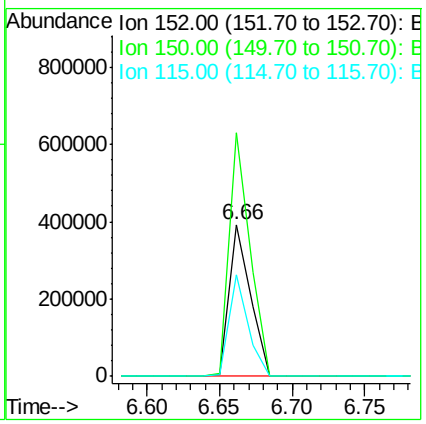


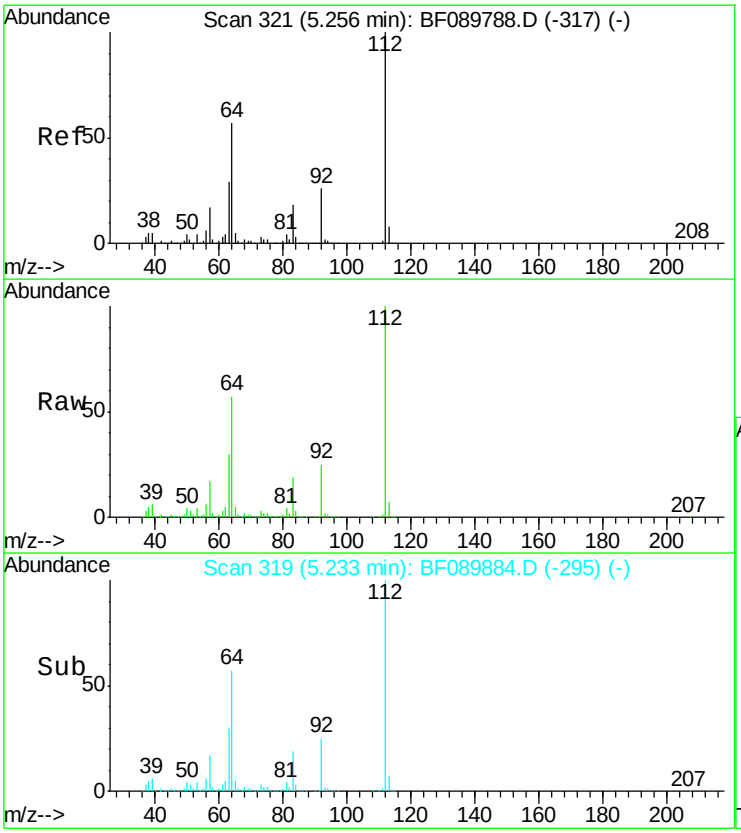
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
EB01-081816

Tgt Ion:152 Resp: 397033

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.3	187.9
115	66.5	40.9	61.3#

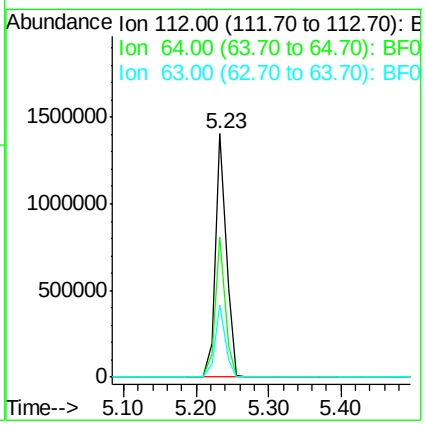


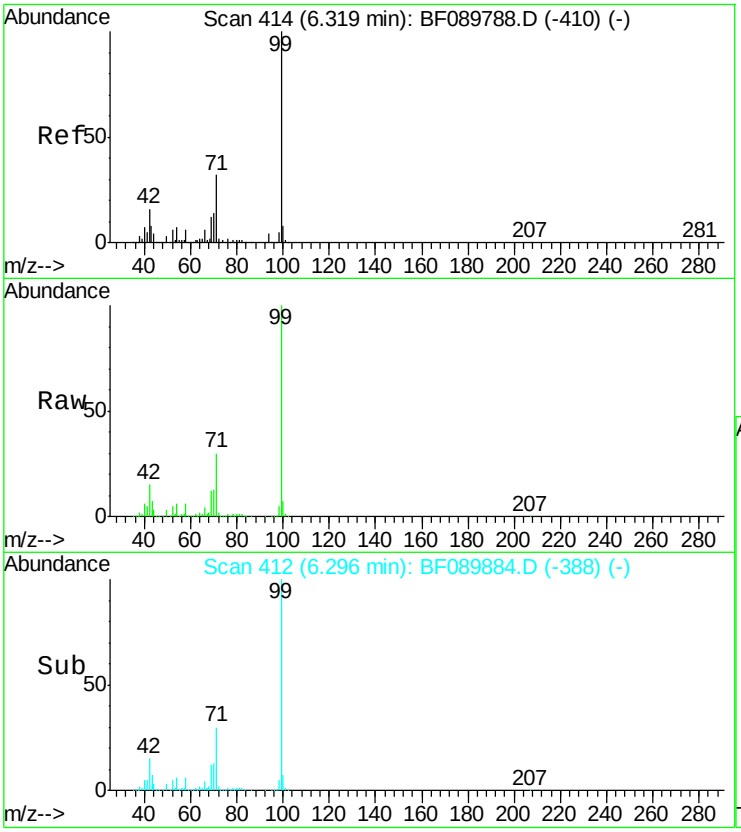


#5
2-Fluorophenol
Concen: 63.29 ng
RT: 5.23 min Scan# 319
Delta R.T. -0.02 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Tgt Ion:112 Resp: 1465374

Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.0	67.4
63	29.9	23.1	34.7



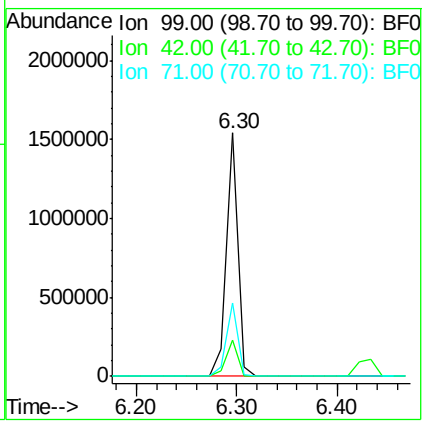


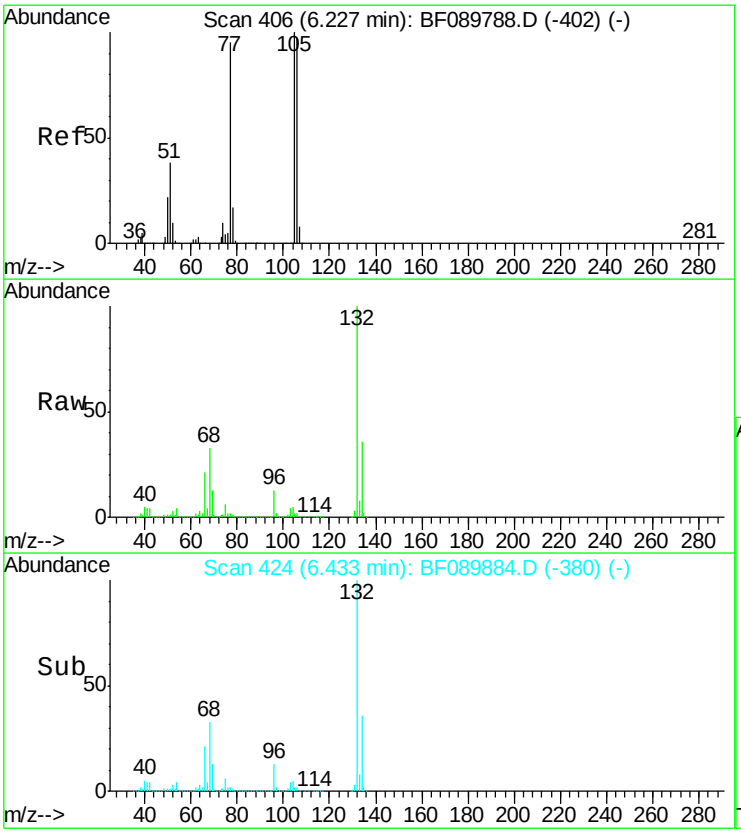
#7
Phenol-d6
Concen: 43.23 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
EB01-081816

Tgt Ion: 99 Resp: 1228574

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.4
71	30.0	23.8	35.8

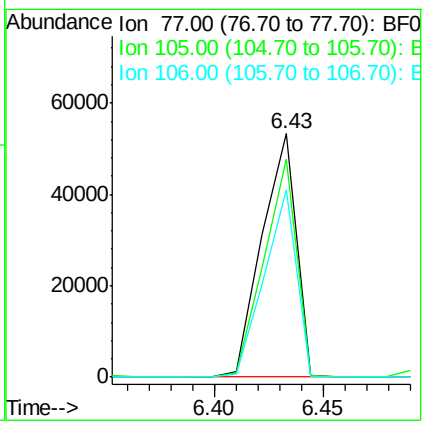


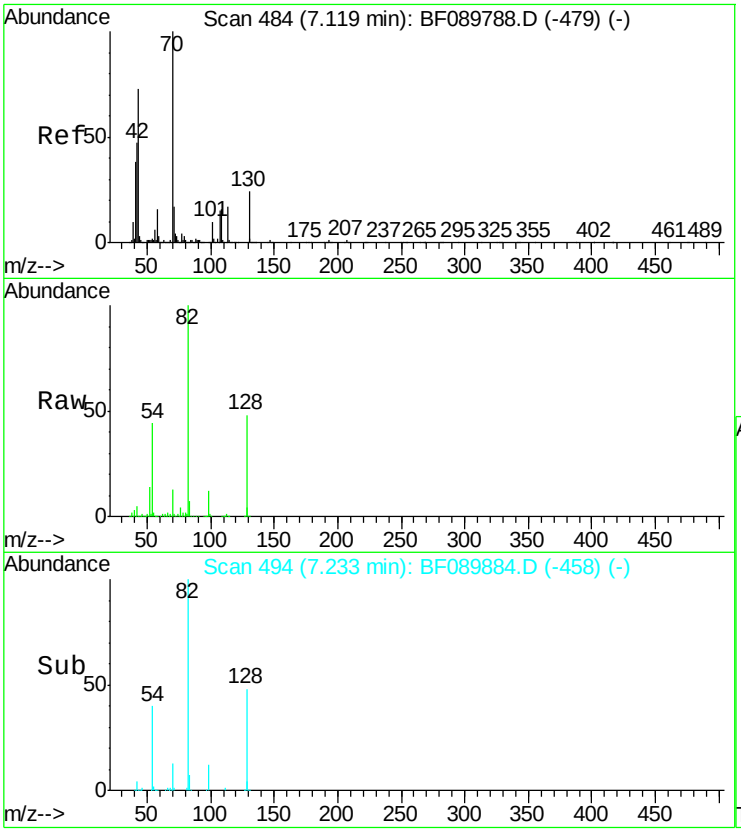


#9
Benzaldehyde
Concen: 3.19 ng
RT: 6.43 min Scan# 424
Delta R.T. 0.21 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Tgt Ion: 77 Resp: 59128

Ion	Ratio	Lower	Upper
77	100		
105	89.8	73.3	113.3
106	76.8	68.6	108.6



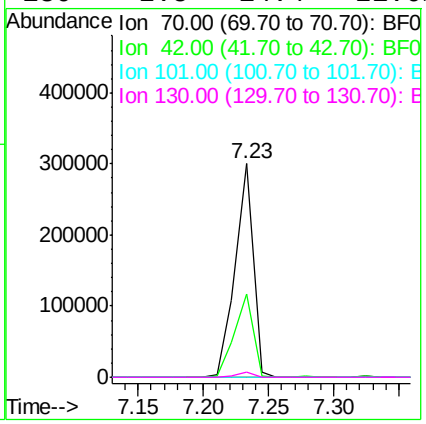


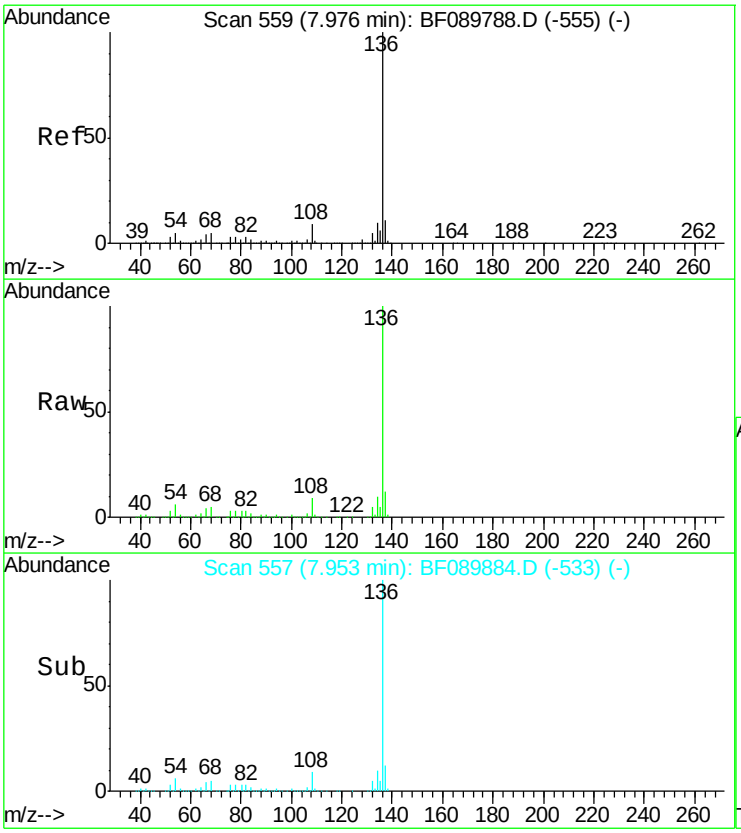
#19
n-Nitroso-di-n-propylamine
Concen: 15.98 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.11 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
EB01-081816

Tgt Ion: 70 Resp: 290441

Ion	Ratio	Lower	Upper
70	100		
42	39.0	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#

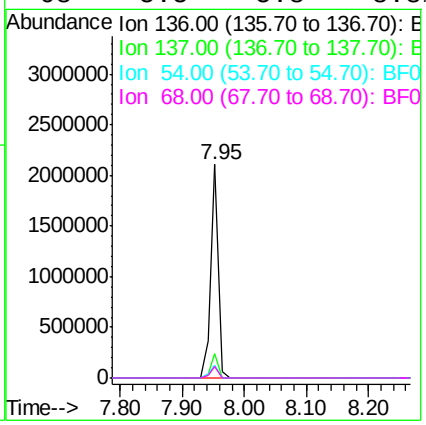


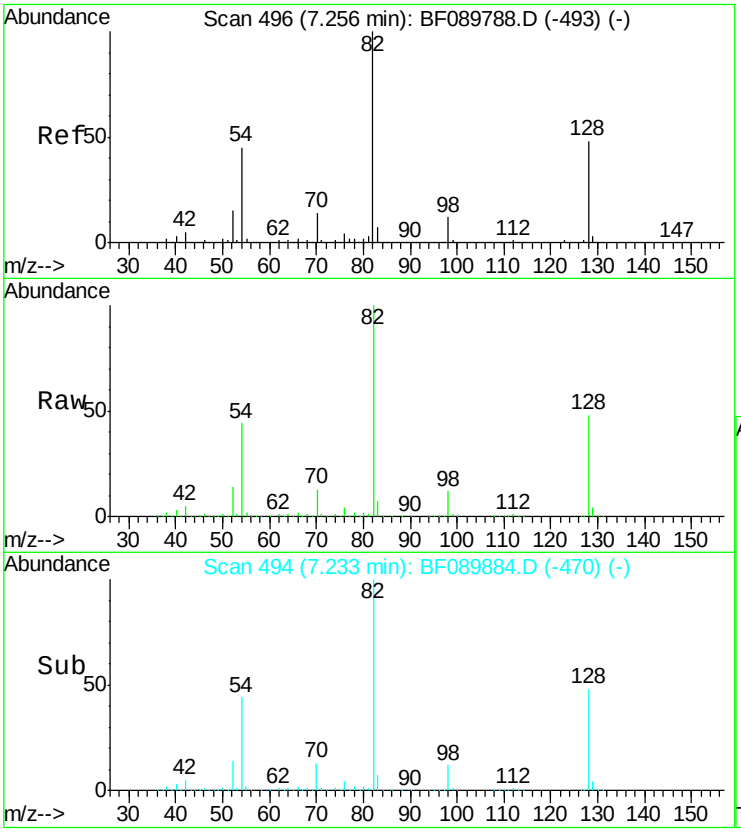


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Tgt Ion:136 Resp: 1748802

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	5.9	7.2	10.8#
68	5.5	5.8	8.8#



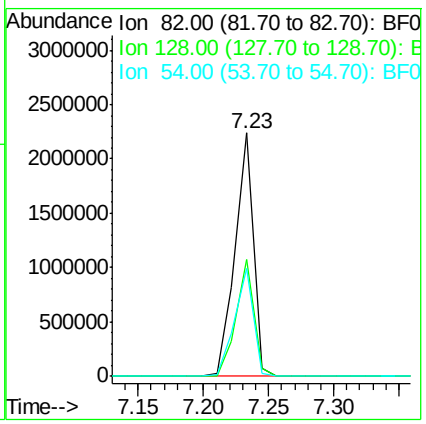


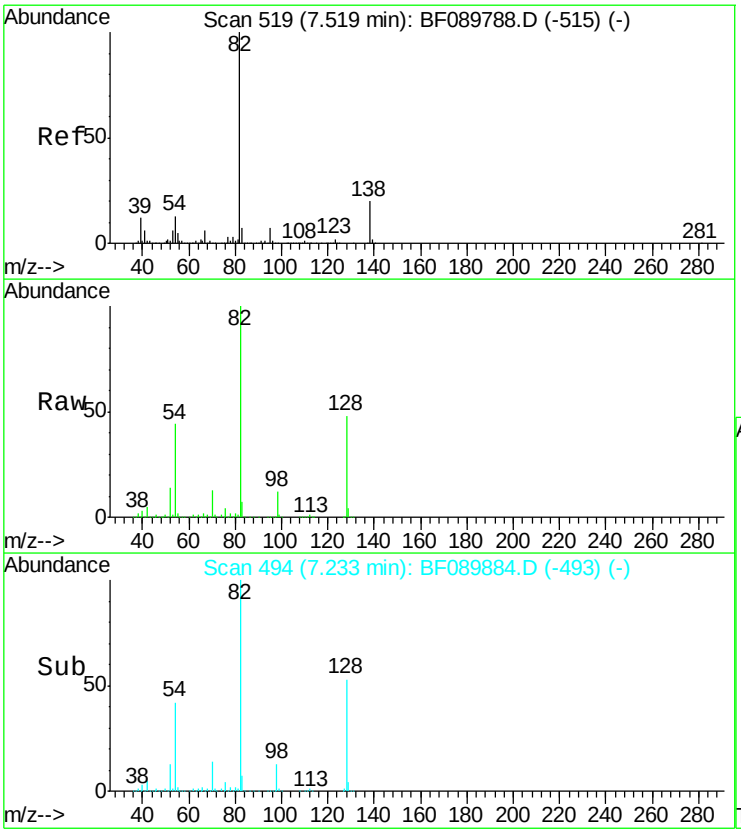
#23
Nitrobenzene-d5
Concen: 77.51 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
EB01-081816

Tgt Ion: 82 Resp: 2181962

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.4	51.6
54	44.1	40.3	60.5

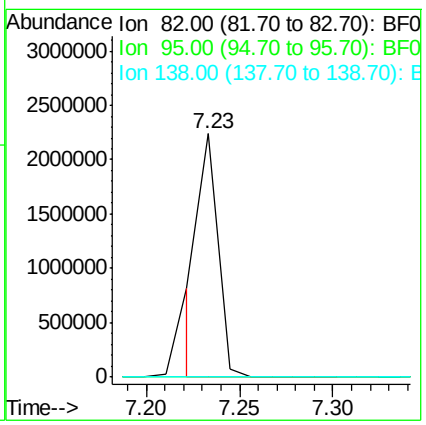


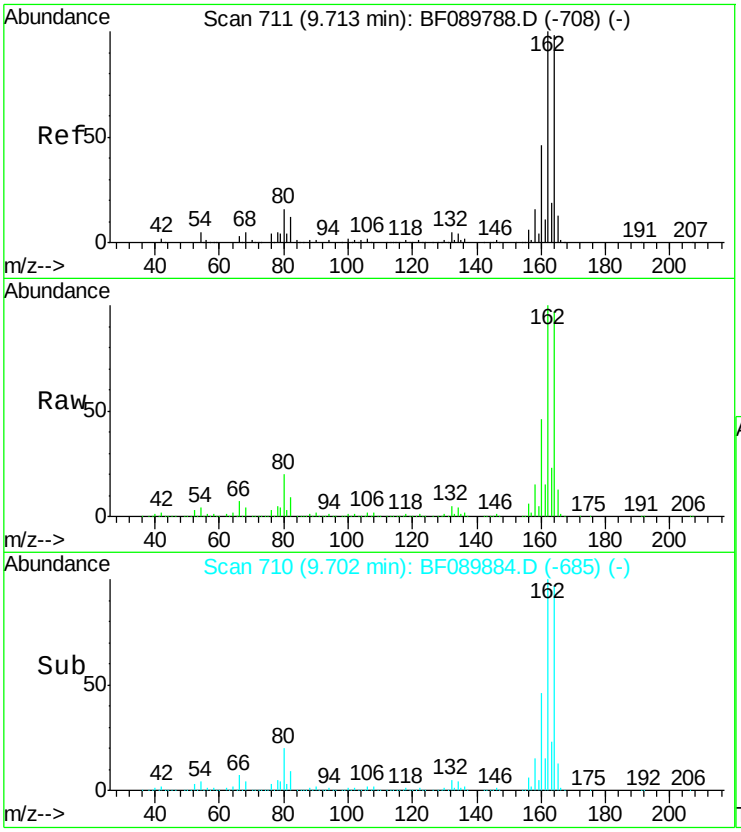


#25
Isophorone
Concen: 28.02 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.29 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Tgt Ion: 82 Resp: 1590863

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.0	19.4#



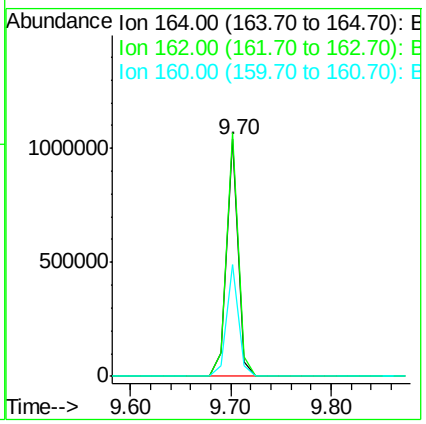


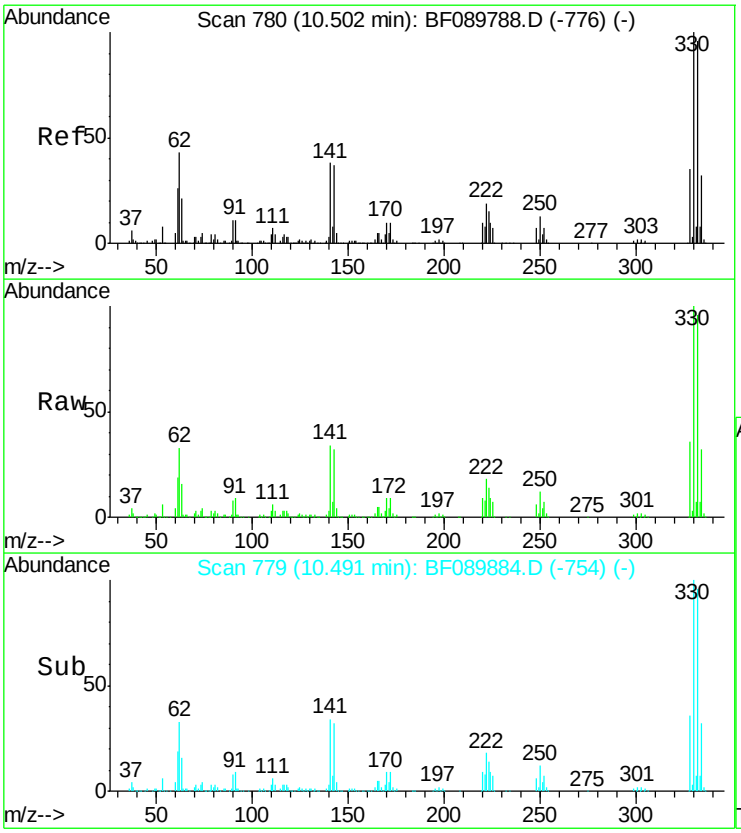
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
EB01-081816

Tgt Ion:164 Resp: 829949

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.2
160	47.3	37.8	56.6

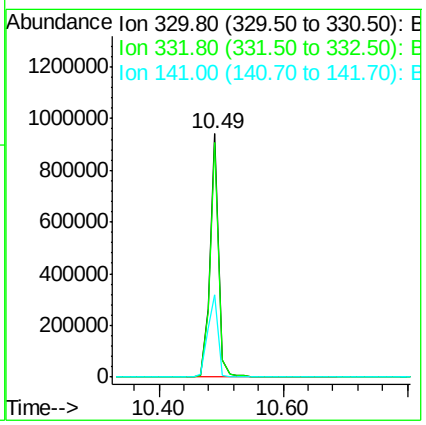


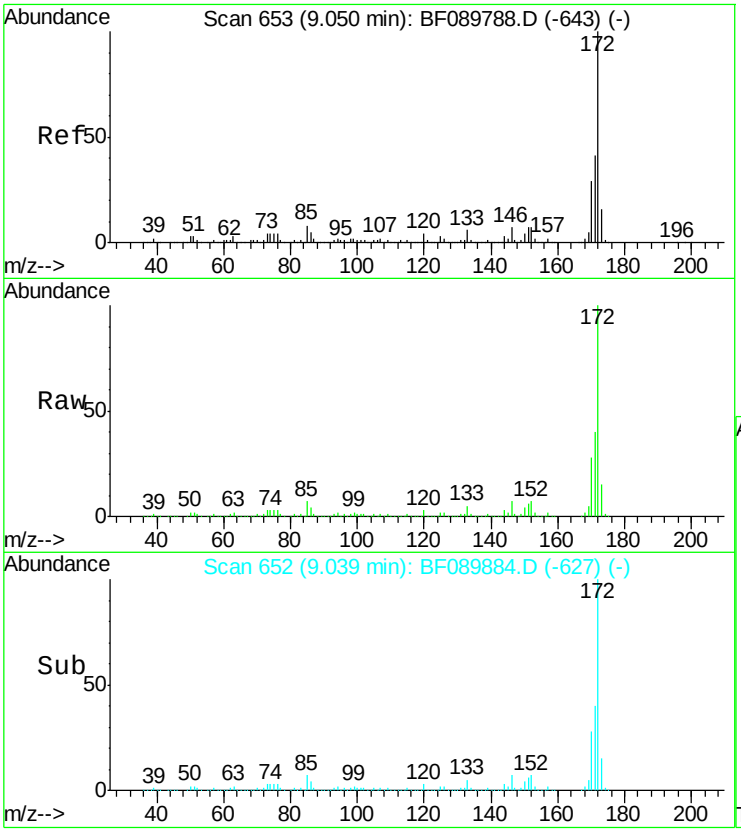


#41
2,4,6-Tribromophenol
Concen: 114.74 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Tgt Ion:330 Resp: 905013

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	40.6	30.2	45.2



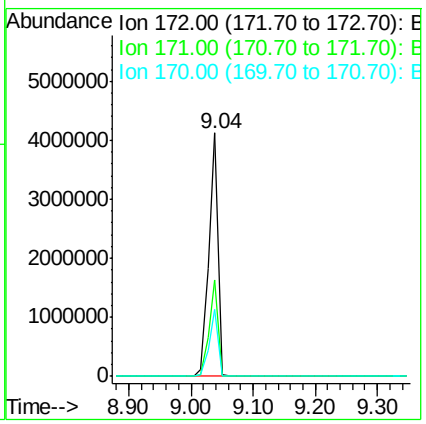


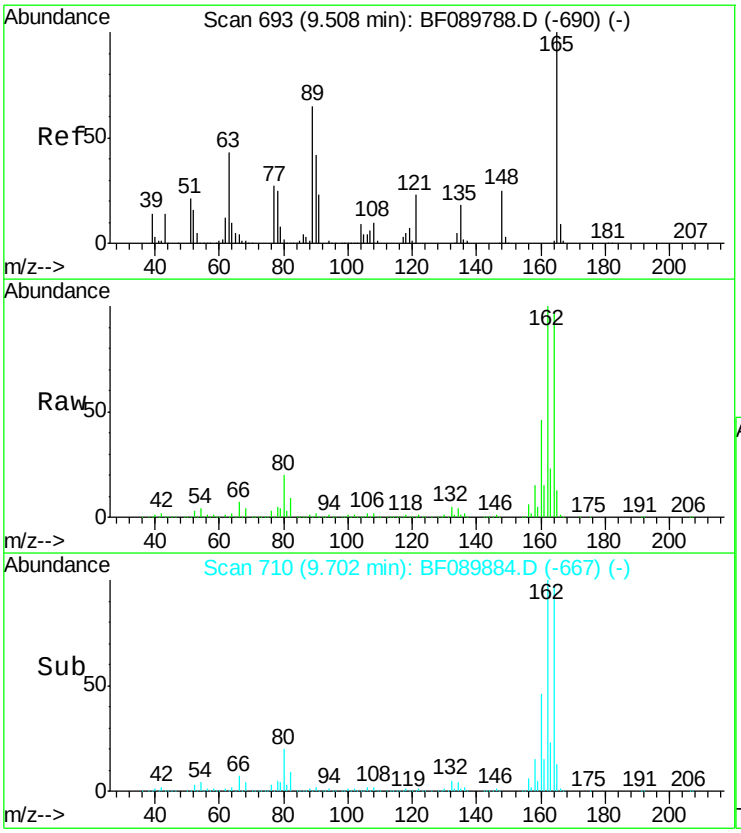
#44
2-Fluorobiphenyl
Concen: 89.37 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
EB01-081816

Tgt Ion:172 Resp: 4220223

Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.5	45.7
170	27.6	20.6	31.0

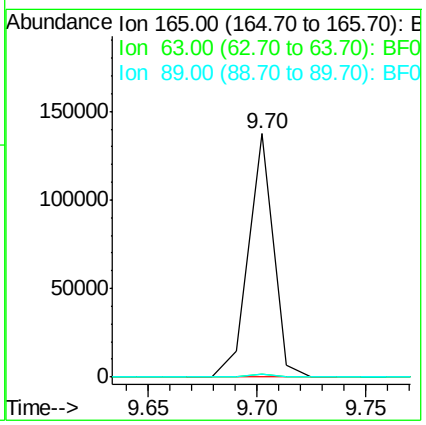


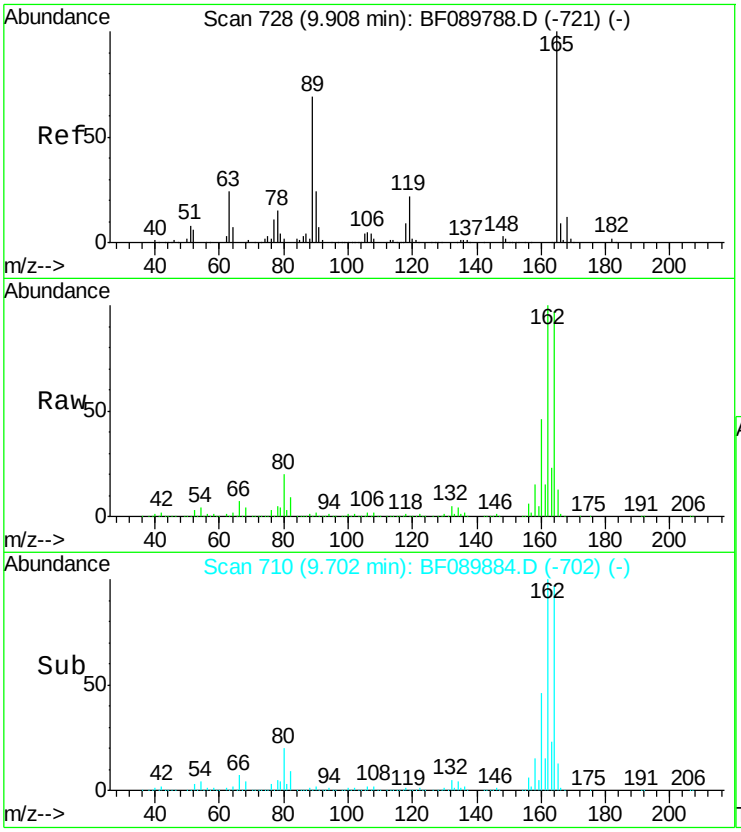


#50
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.19 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Tgt Ion:165 Resp: 109145

Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.7	62.5#
89	1.1	44.6	67.0#



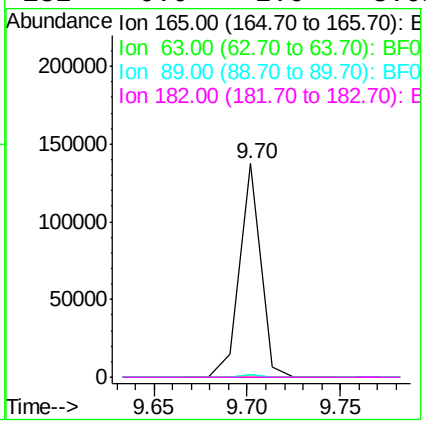


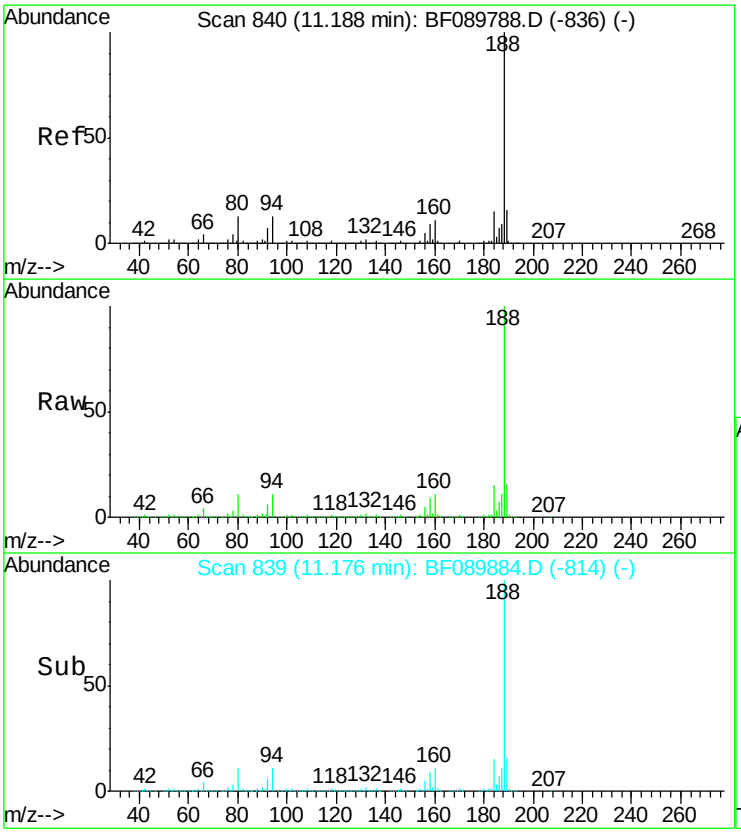
#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.21 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
EB01-081816

Tgt Ion:165 Resp: 109126

Ion	Ratio	Lower	Upper
165	100		
63	1.1	23.7	35.5#
89	1.1	44.0	66.0#
182	0.0	2.0	3.0#

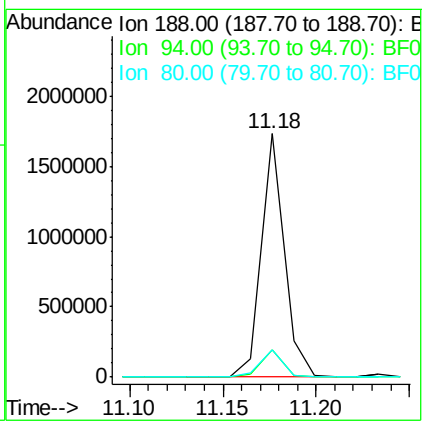


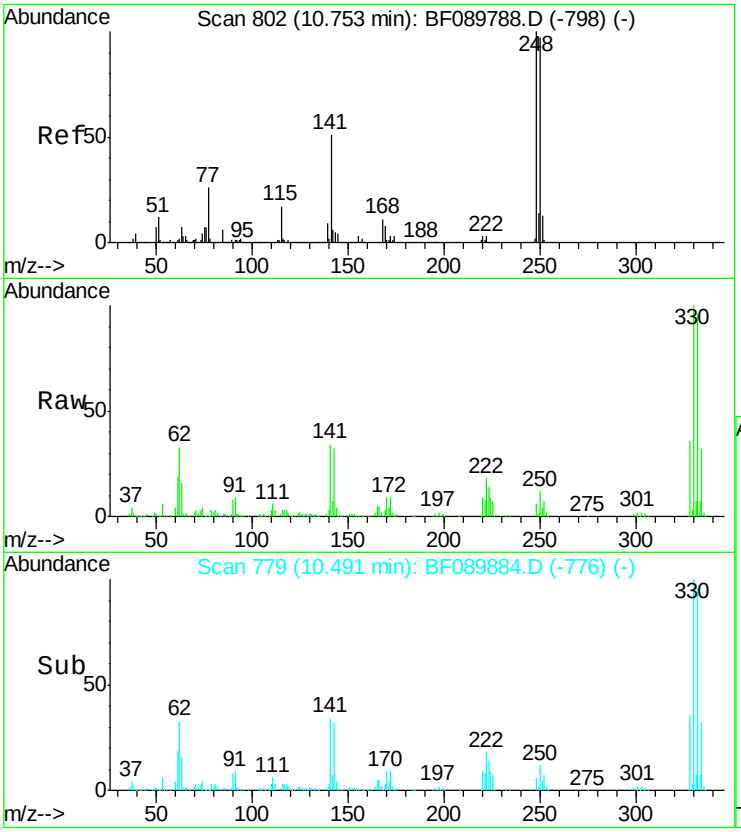


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Tgt Ion:188 Resp: 1461424

Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.2	15.2
80	11.2	10.9	16.3



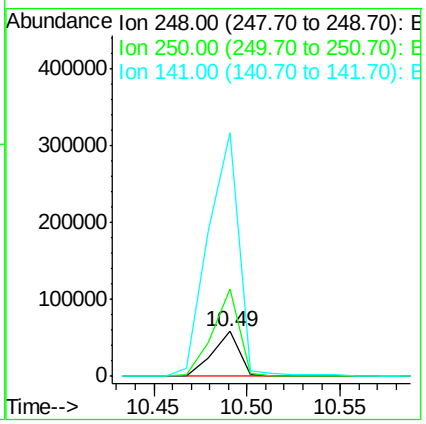


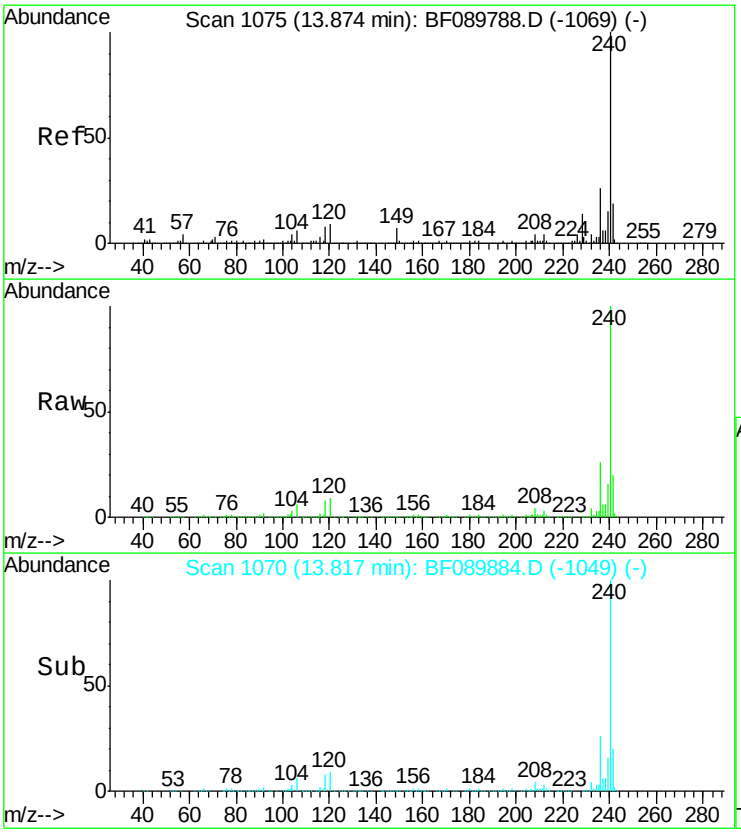
#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.26 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
EB01-081816

Tgt Ion:248 Resp: 58034

Ion	Ratio	Lower	Upper
248	100		
250	194.2	78.6	117.8#
141	539.3	31.4	47.2#

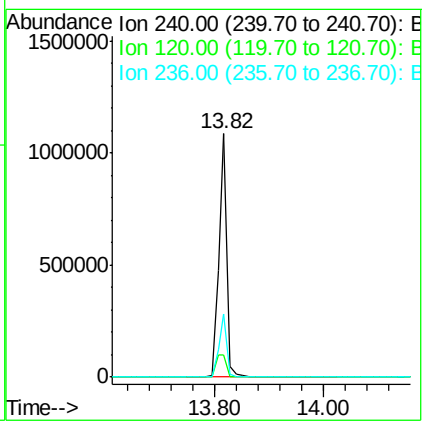


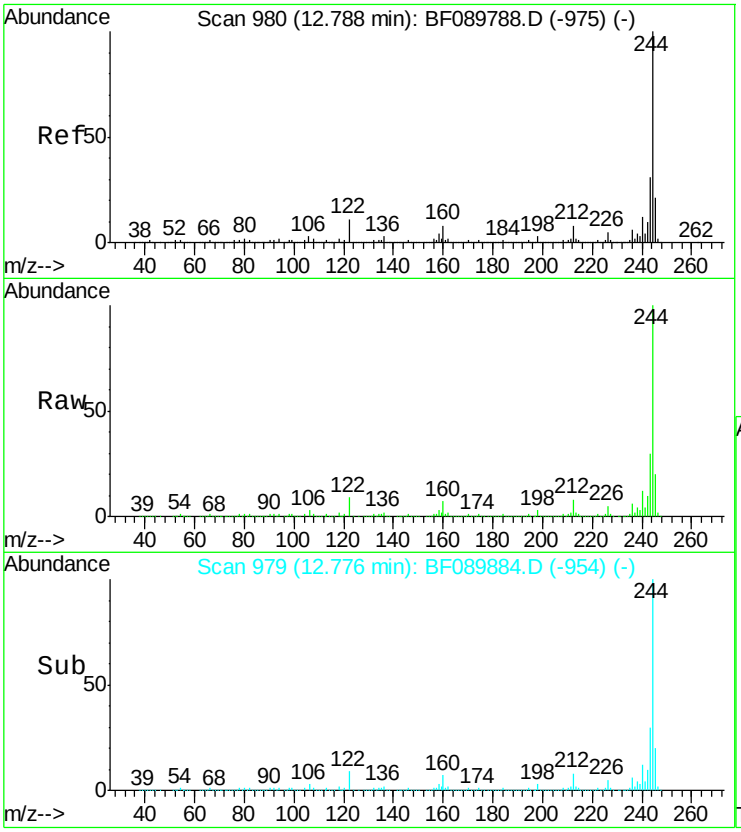


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.06 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Tgt Ion:240 Resp: 1136128

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.3	12.5
236	26.1	21.3	31.9



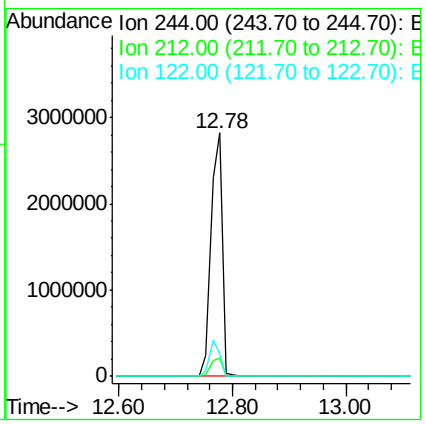


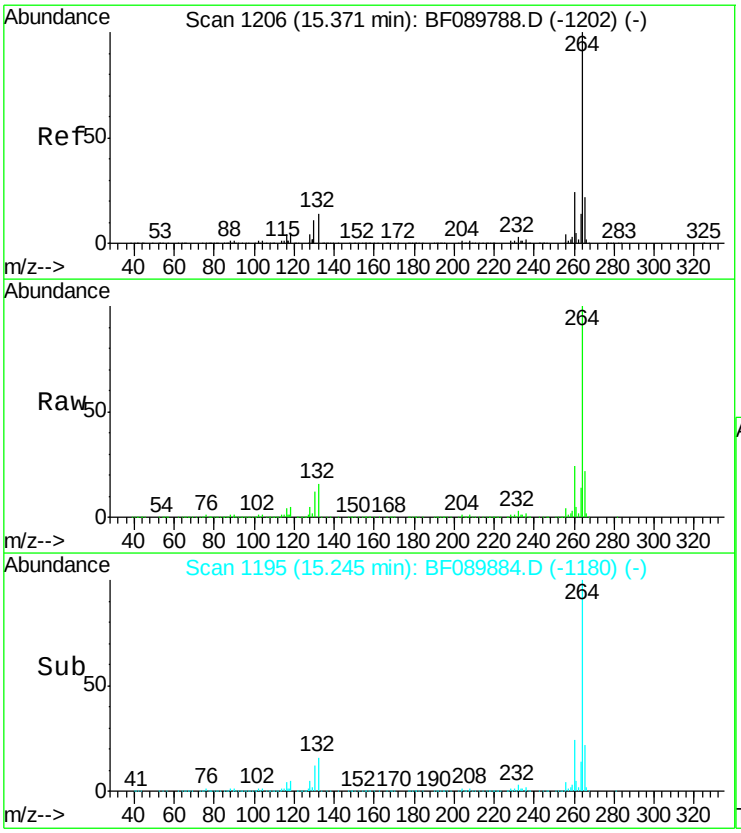
#78
Terphenyl-d14
Concen: 74.57 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Instrument :
BNA_F
ClientSampleId :
EB01-081816

Tgt Ion:244 Resp: 3744929

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	9.1	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.13 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Tgt Ion:264 Resp: 866193

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.2	30.2
265	21.6	17.4	26.2