Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF072816\
Data File : BF089359.D
Acq On : 28 Jul 2016 11:16
Operator : UM/SJ
Sample : H4155-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : I-10

Quant Time: Jul 28 12:07:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.547	152	40155	20.00	ng	0.00
21) Naphthalene-d8	7.827	136	178934	20.00	ng	0.00
38) Acenaphthene-d10	9.576	164	82821	20.00	ng	0.00
63) Phenanthrene-d10	11.039	188	173000	20.00	ng	-0.01
75) Chrysene-d12	13.668	240	124355	20.00	ng	0.00
86) Perylene-d12	15.005	264	91270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.130	112	352188	140.04	ng	0.02
7) Phenol-d6	6.204	99	473221	142.39	ng	0.00
23) Nitrobenzene-d5	7.119	82	337050	111.18	ng	0.00
41) 2,4,6-Tribromophenol	10.365	330	120828	176.15	ng	0.00
44) 2-Fluorobiphenyl	8.913	172	606279	107.43	ng	0.00
78) Terphenyl-d14	12.628	244	537198	101.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.690	88	37236	31.97	ng	# 26
4) n-Nitrosodimethylamine	2.318	42	1734	9.17	ng	# 1
9) Benzaldehyde	6.319	77	9300	5.73	ng	85
15) Benzyl Alcohol	6.696	79	5043	2.45	ng	# 51
19) n-Nitroso-di-n-propyla...	7.119	70	44002	21.96	ng	# 79
25) Isophorone	7.119	82	271267	44.42	ng	# 67
31) Naphthalene	7.850	128	33071	3.73	ng	99
50) 2,6-Dinitrotoluene	9.565	165	10000	7.72	ng	# 24
56) 2,4-Dinitrotoluene	9.565	165	10000	5.87	ng	# 7
66) 4-Bromophenyl-phenylether	10.365	248	7773	4.71	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF072816\
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Acq On : 28 Jul 2016 11:16
Operator : UM/SJ
Sample : H4155-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-10

Quant Time: Jul 28 12:07:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
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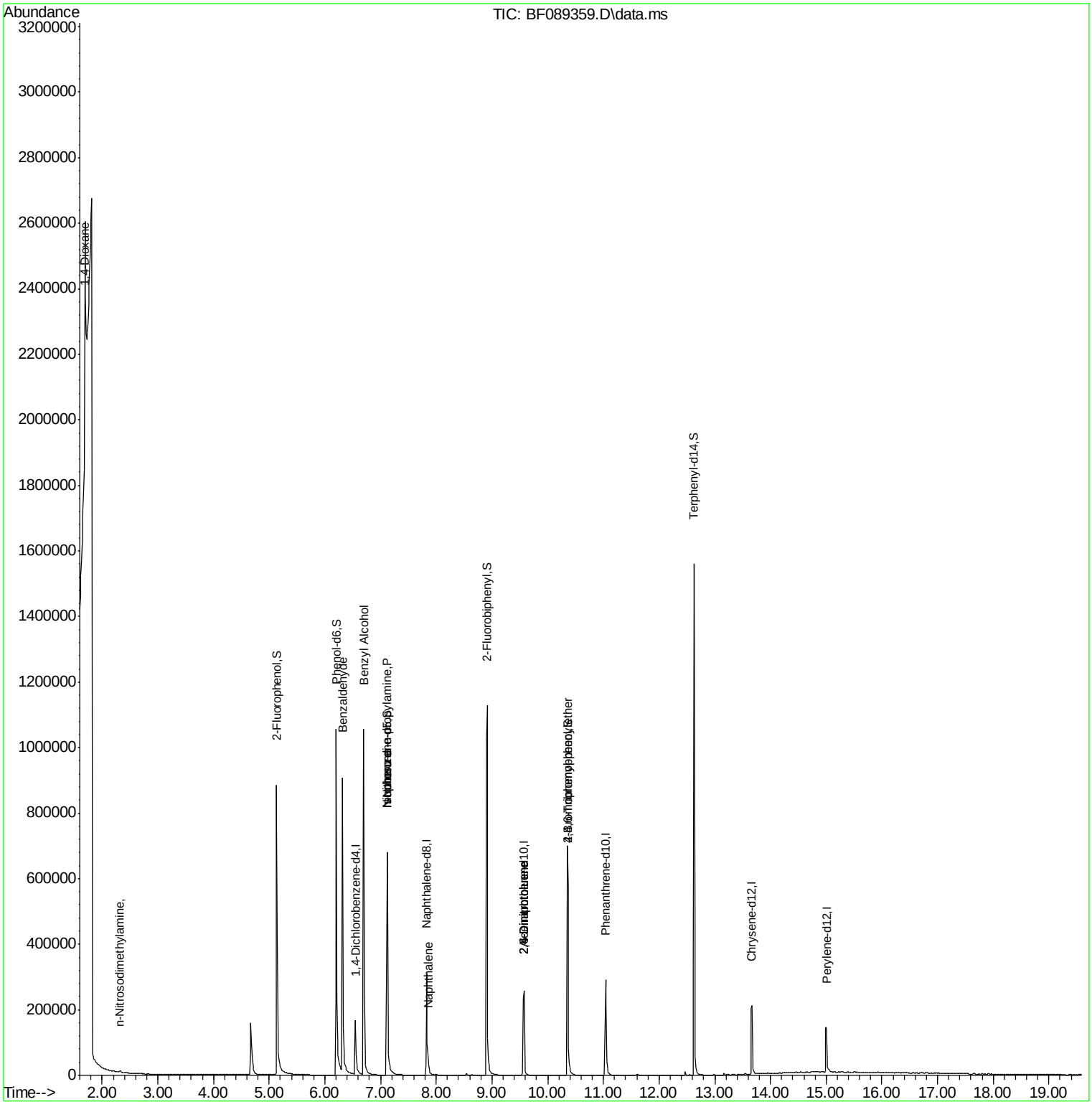
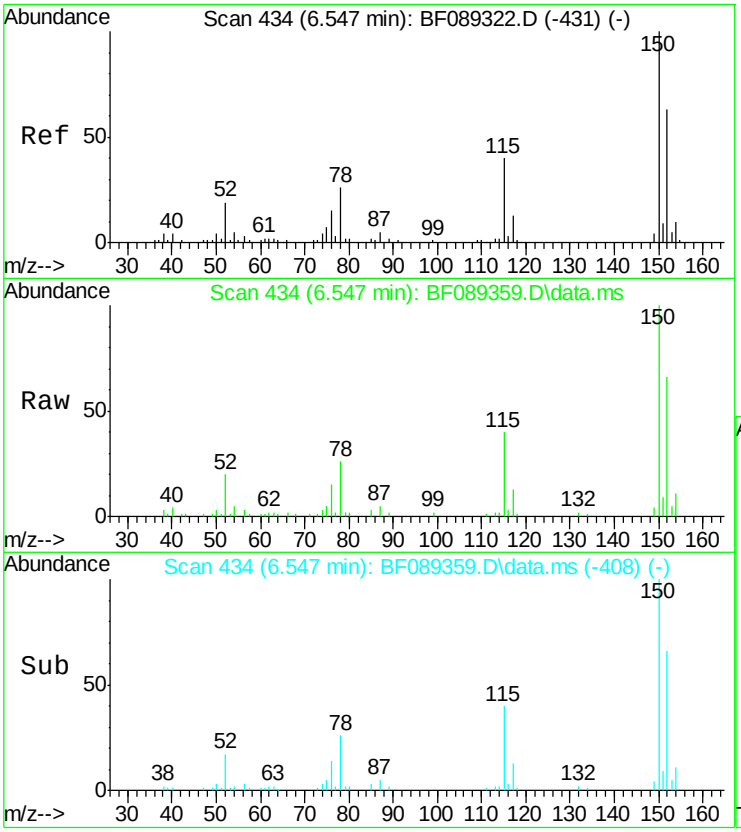


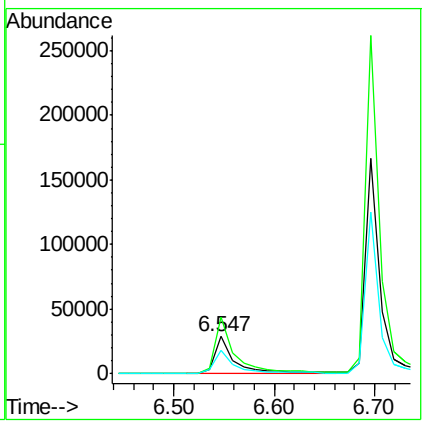


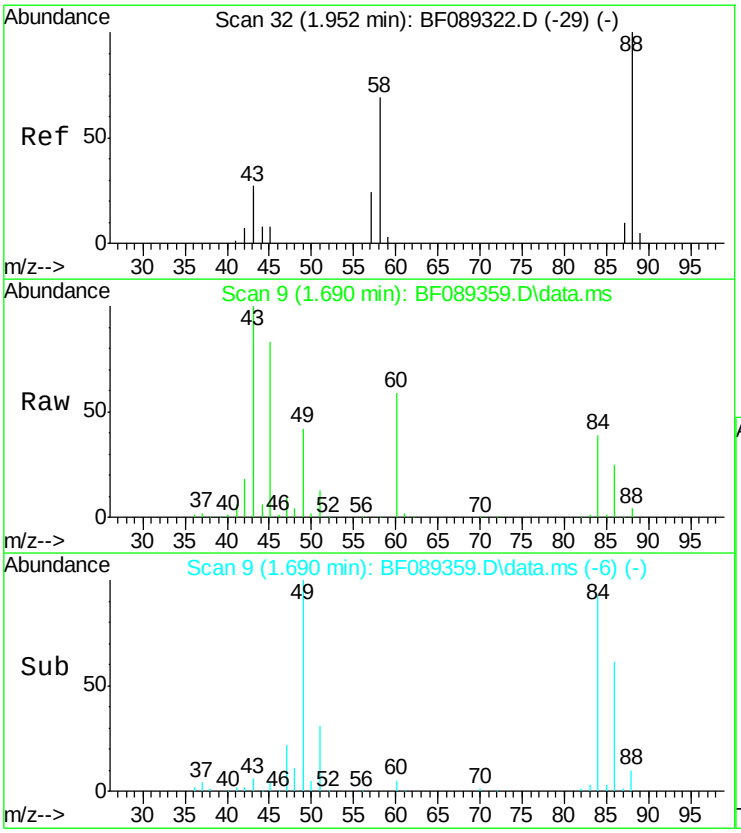
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.547 min Scan# 43
Delta R.T. 0.000 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
I-10

Tgt Ion:152 Resp: 40155

Ion	Ratio	Lower	Upper
152	100		
150	152.6	129.5	194.3
115	61.3	51.4	77.2

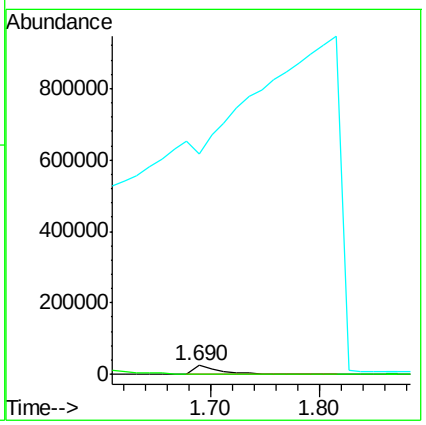


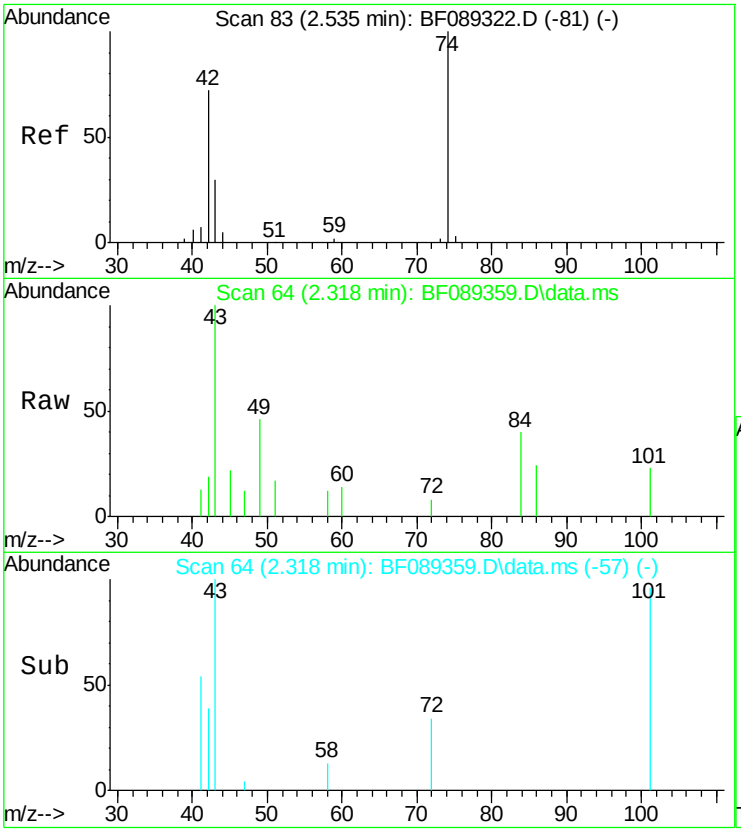


#2
1,4-Dioxane
Concen: 31.97 ng
RT: 1.690 min Scan# 9
Delta R.T. -0.262 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Tgt Ion: 88 Resp: 37236

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.2	79.8#
43	0.0	20.6	31.0#



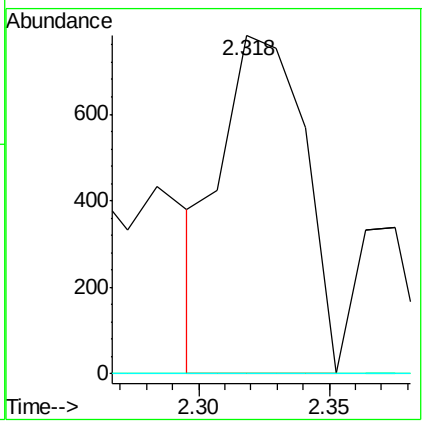


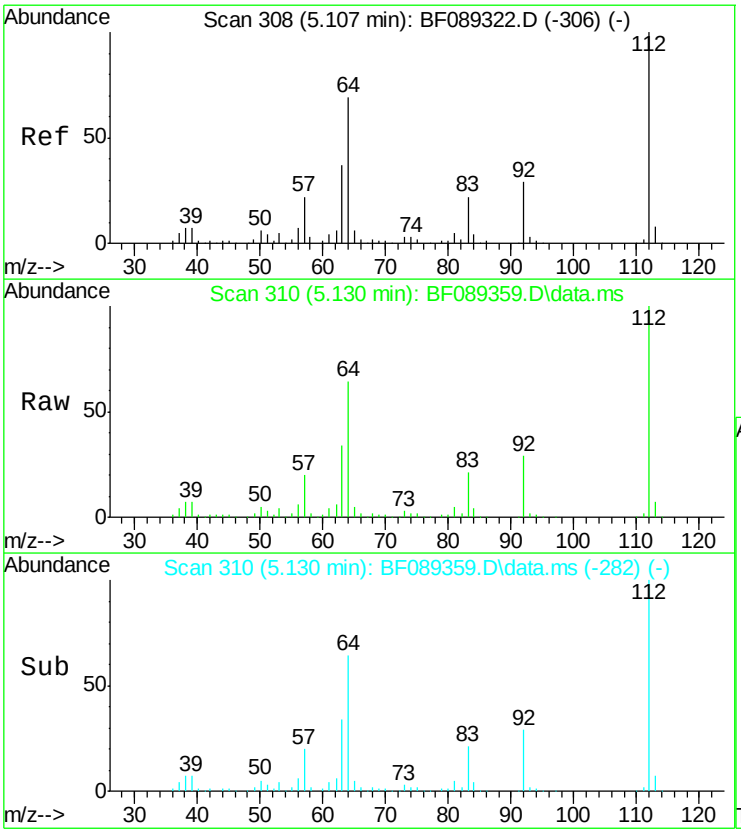
#4
n-Nitrosodimethylamine
Concen: 9.17 ng
RT: 2.318 min Scan# 64
Delta R.T. -0.217 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
I-10

Tgt Ion: 42 Resp: 1734

Ion	Ratio	Lower	Upper
42	100		
74	0.0	110.8	166.2#
44	0.0	5.2	7.8#

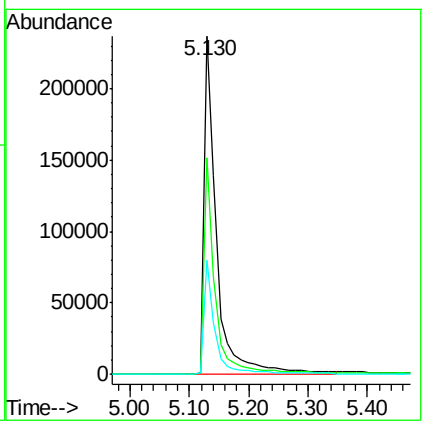


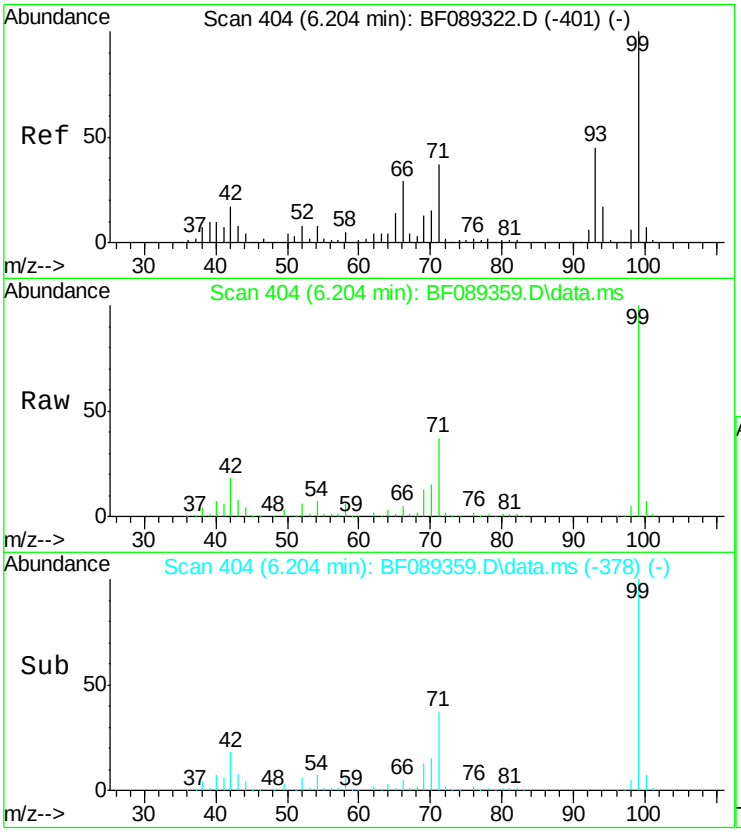


#5
2-Fluorophenol
Concen: 140.04 ng
RT: 5.130 min Scan# 310
Delta R.T. 0.023 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Tgt Ion:112 Resp: 352188

Ion	Ratio	Lower	Upper
112	100		
64	63.9	55.0	82.6
63	33.9	29.4	44.2



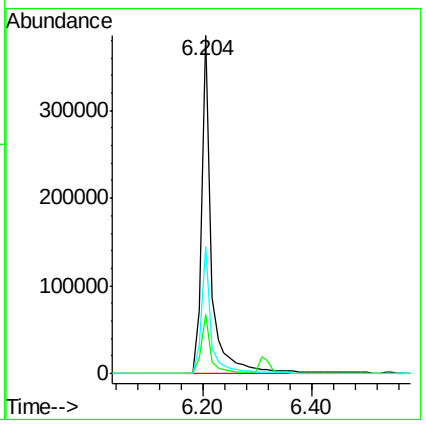


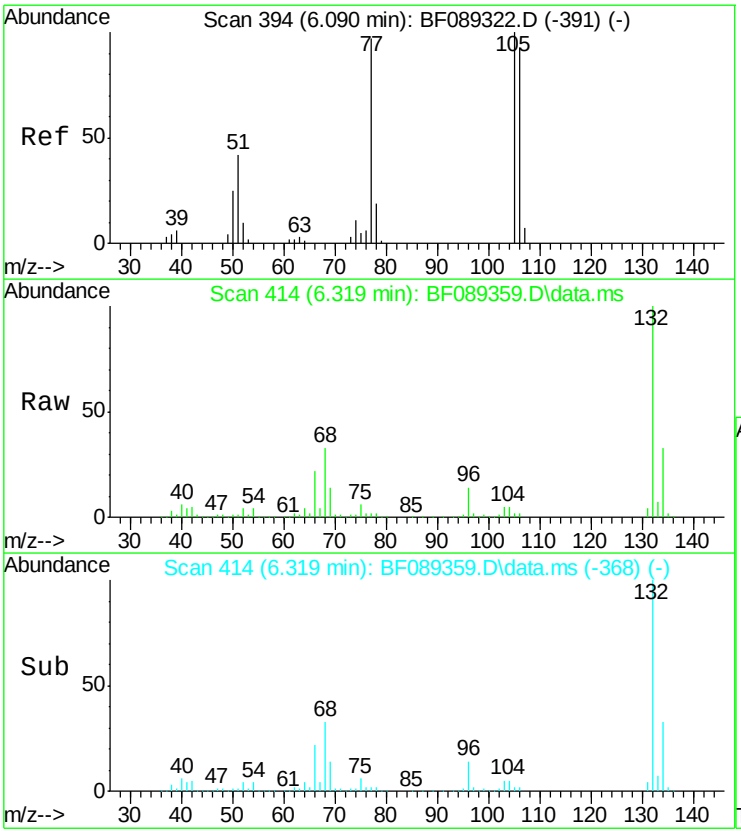
#7
Phenol-d6
Concen: 142.39 ng
RT: 6.204 min Scan# 40
Delta R.T. 0.000 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
I-10

Tgt Ion: 99 Resp: 473221

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.6	20.4
71	37.4	29.4	44.2

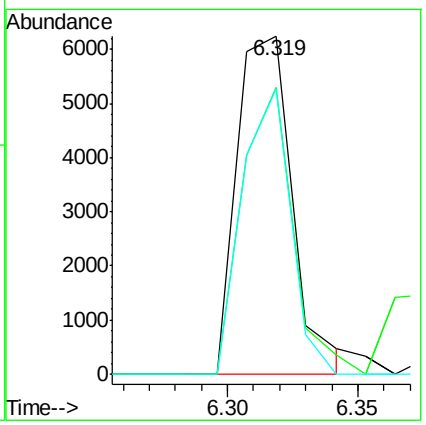


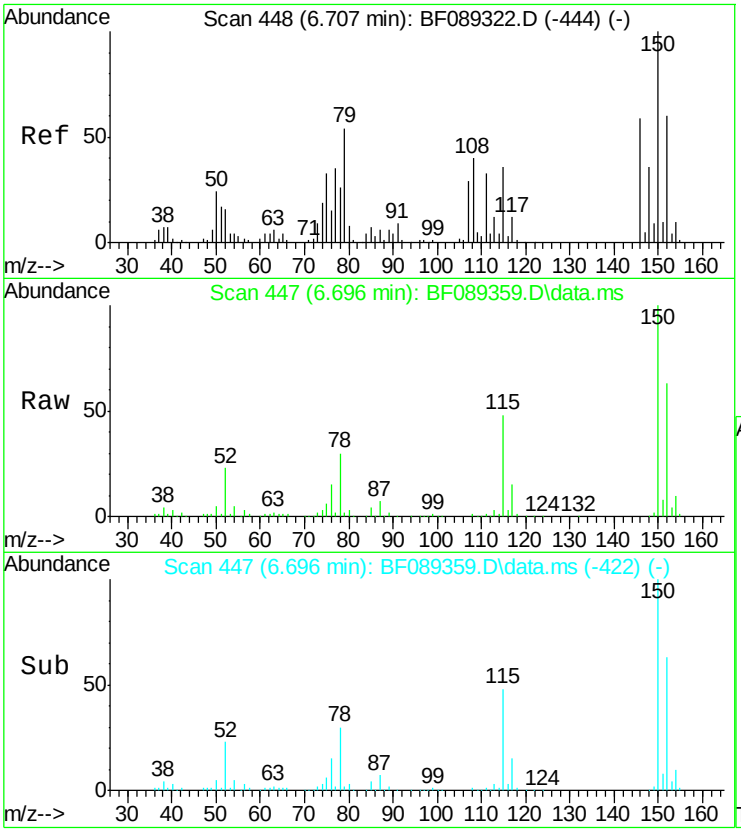


#9
Benzaldehyde
Concen: 5.73 ng
RT: 6.319 min Scan# 414
Delta R.T. 0.229 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Tgt Ion: 77 Resp: 9300

Ion	Ratio	Lower	Upper
77	100		
105	84.8	82.9	122.9
106	84.6	75.9	115.9



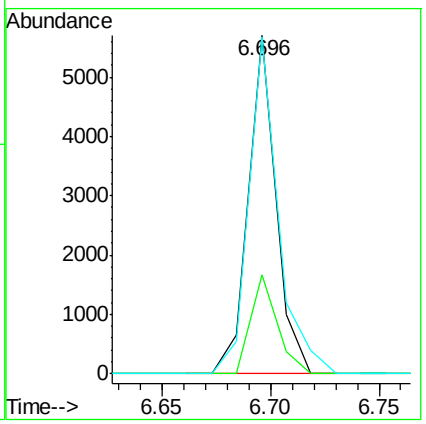


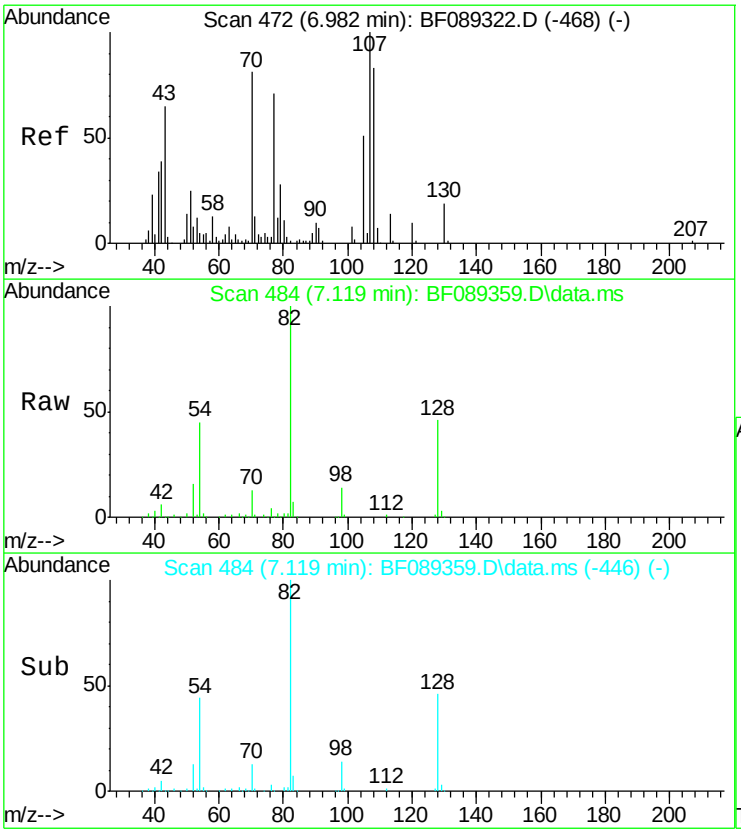
#15
Benzyl Alcohol
Concen: 2.45 ng
RT: 6.696 min Scan# 44
Delta R.T. -0.011 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
I-10

Tgt Ion: 79 Resp: 5043

Ion	Ratio	Lower	Upper
79	100		
108	29.0	59.8	89.6#
77	99.5	51.7	77.5#

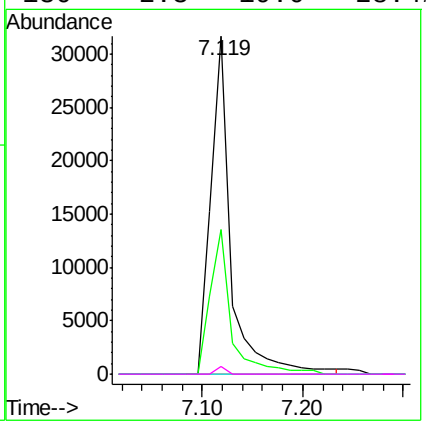


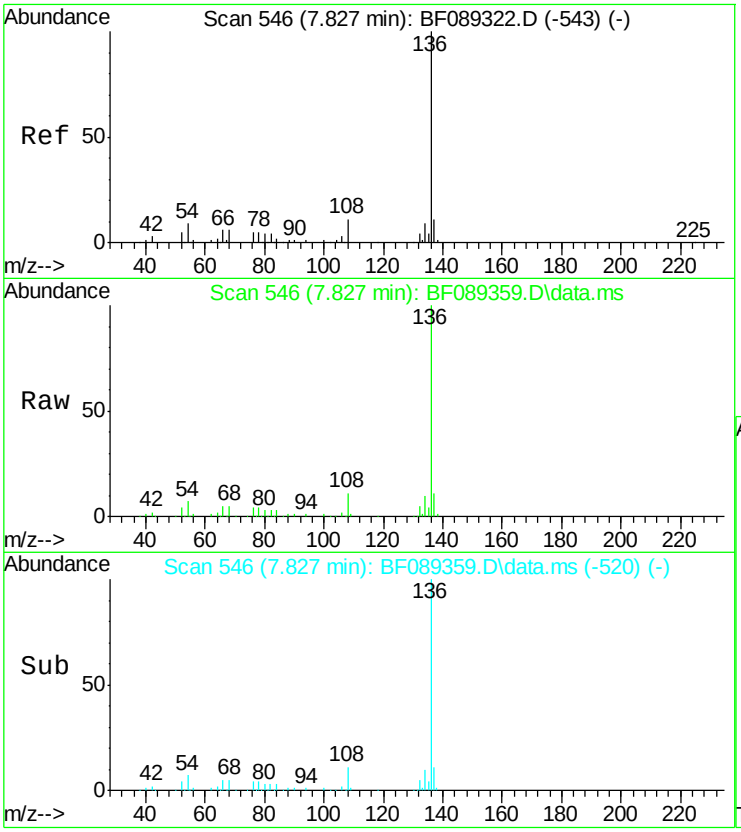


#19
n-Nitroso-di-n-propylamine
Concen: 21.96 ng
RT: 7.119 min Scan# 484
Delta R.T. 0.137 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Tgt Ion: 70 Resp: 44002

Ion	Ratio	Lower	Upper
70	100		
42	42.8	38.6	57.8
101	0.0	8.3	12.5#
130	2.3	19.0	28.4#



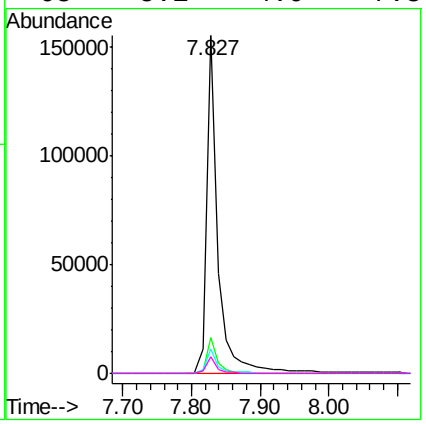


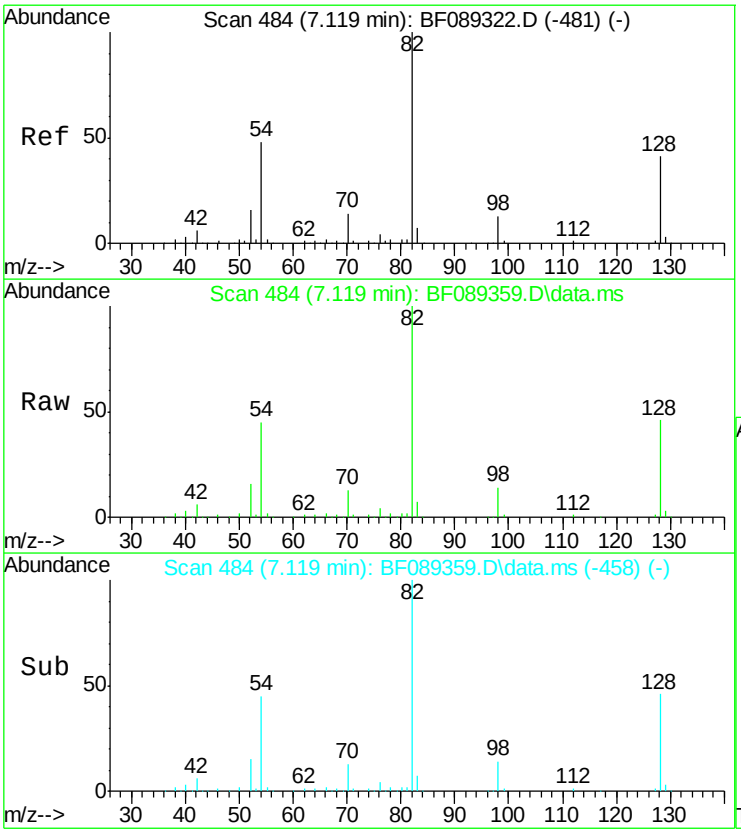
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.827 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
I-10

Tgt Ion:136 Resp: 178934

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.2	7.0	10.4
68	5.1	4.9	7.3

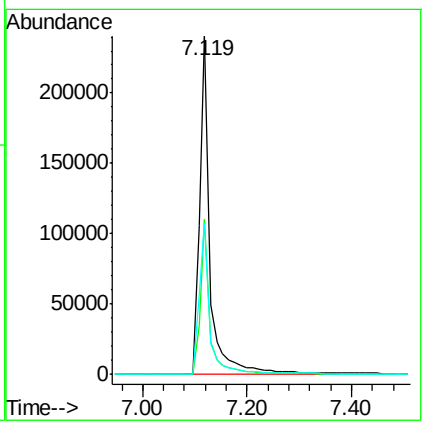


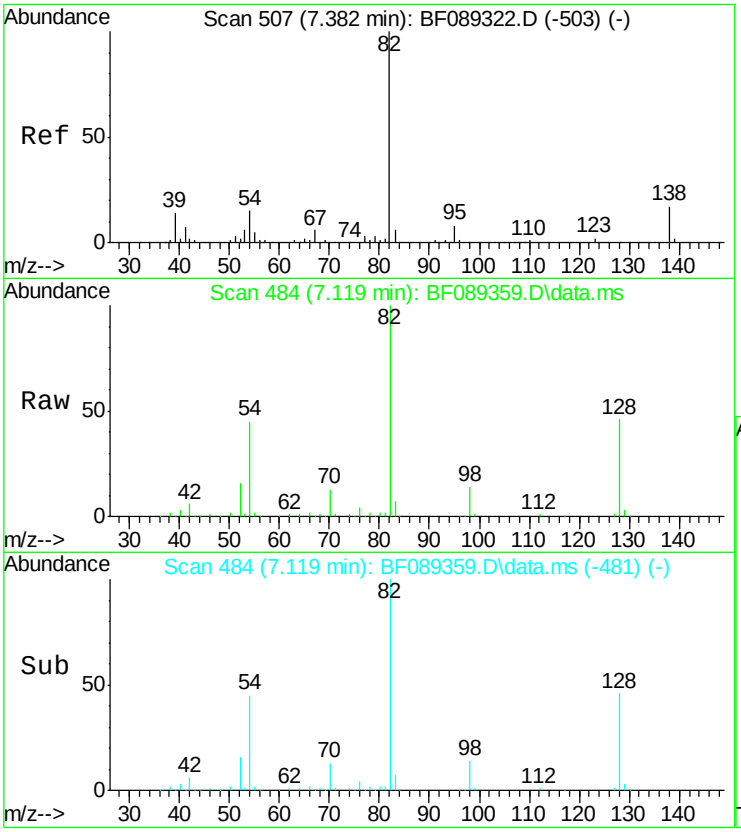


#23
Nitrobenzene-d5
Concen: 111.18 ng
RT: 7.119 min Scan# 484
Delta R.T. 0.000 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Tgt Ion: 82 Resp: 337050

Ion	Ratio	Lower	Upper
82	100		
128	46.0	32.5	48.7
54	44.9	38.8	58.2



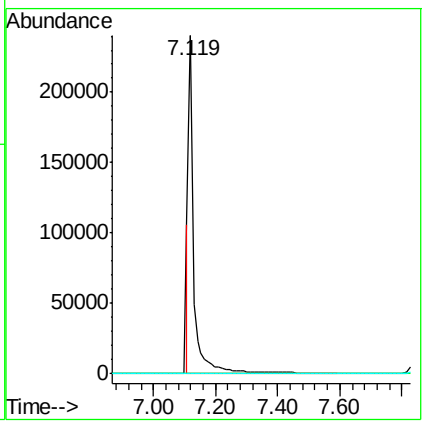


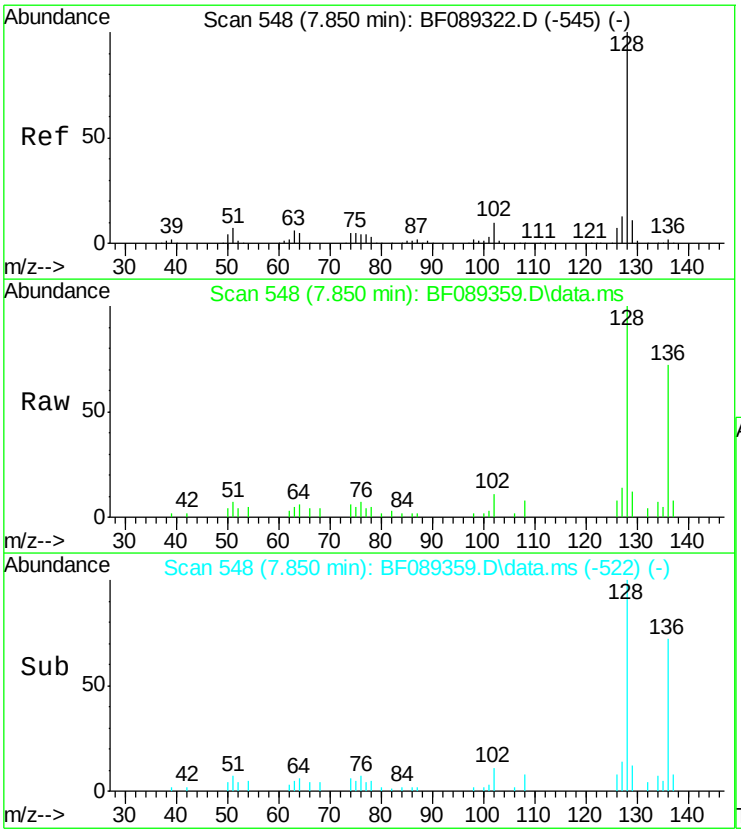
#25
Isophorone
Concen: 44.42 ng
RT: 7.119 min Scan# 48
Delta R.T. -0.263 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
I-10

Tgt Ion: 82 Resp: 271267

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.3	19.9#

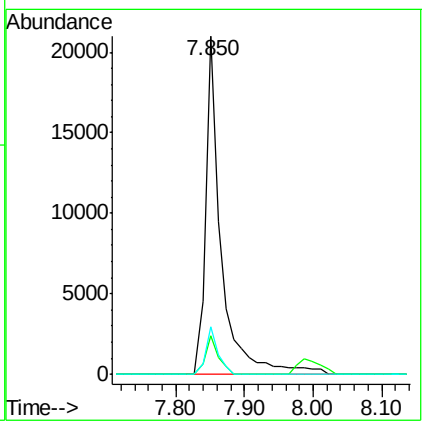


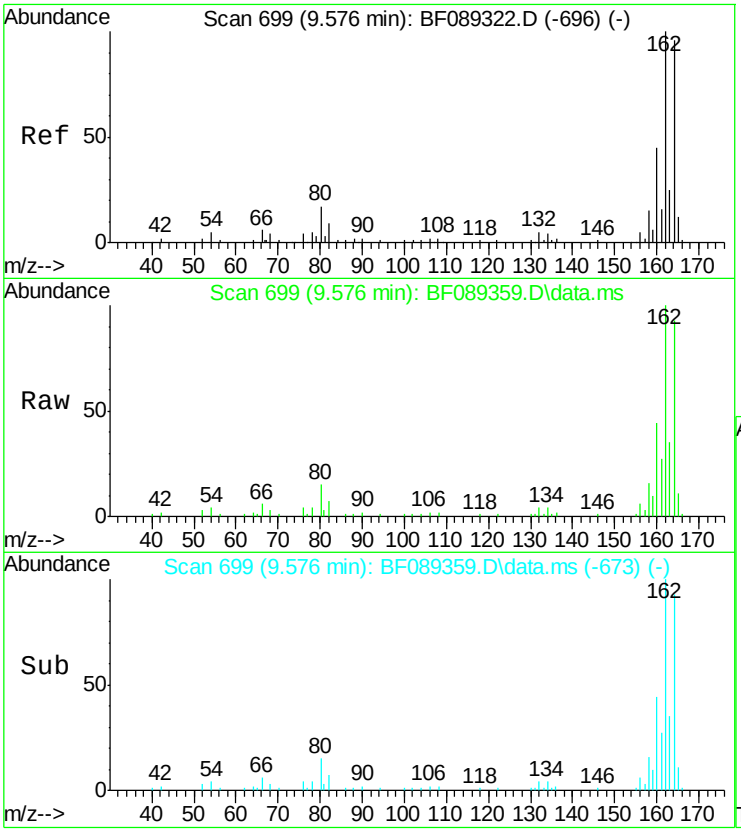


#31
Naphthalene
Concen: 3.73 ng
RT: 7.850 min Scan# 548
Delta R.T. 0.000 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Tgt Ion:128 Resp: 33071

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.1	10.8	16.2



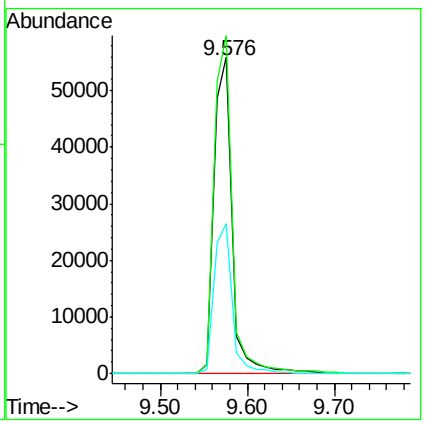


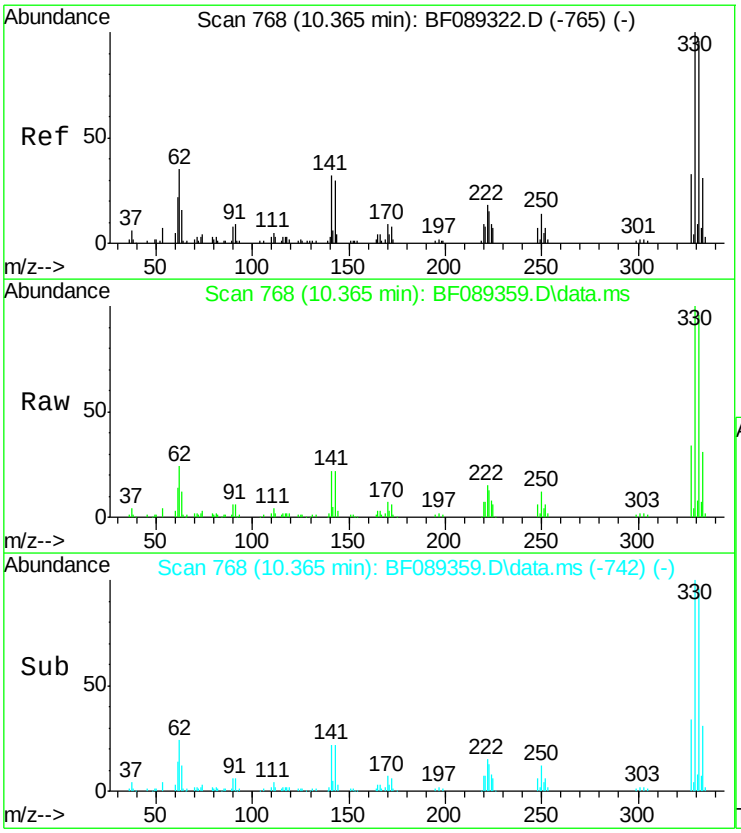
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.576 min Scan# 69
Delta R.T. 0.000 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
I-10

Tgt Ion:164 Resp: 82821

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.7	125.5
160	47.5	37.8	56.6

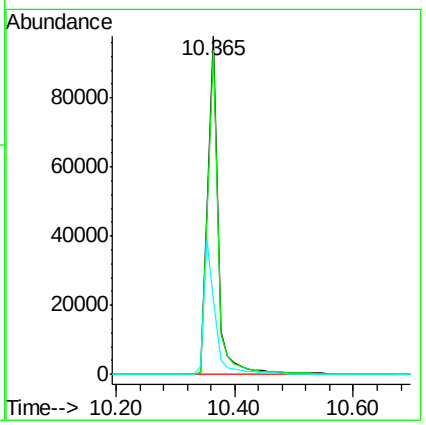


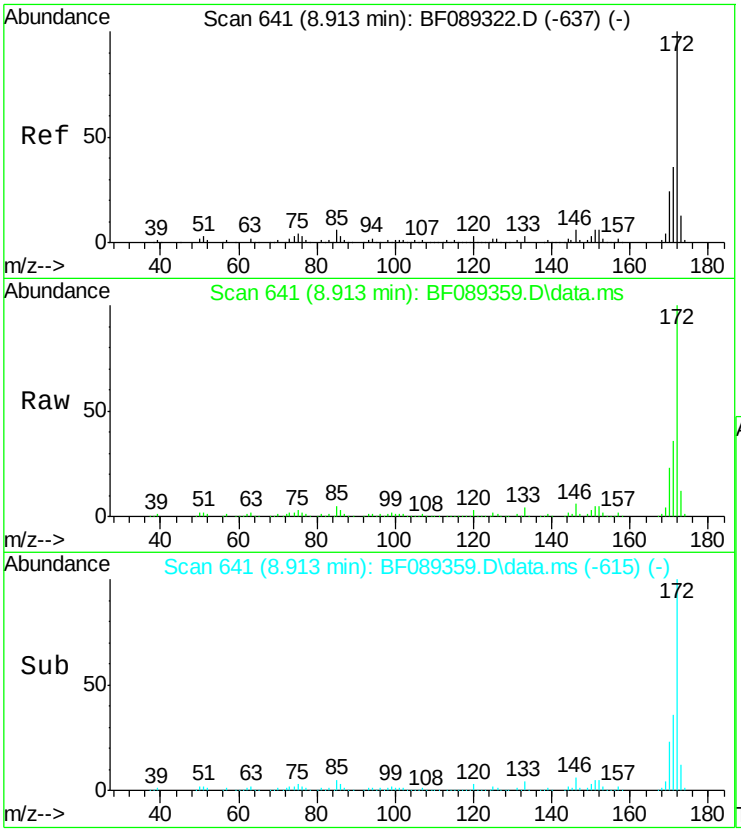


#41
2,4,6-Tribromophenol
Concen: 176.15 ng
RT: 10.365 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Tgt Ion:330 Resp: 120828

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	42.3	37.3	55.9



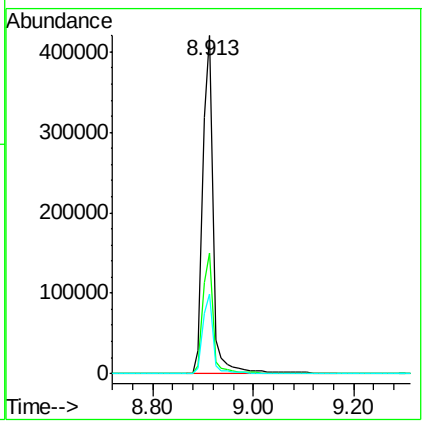


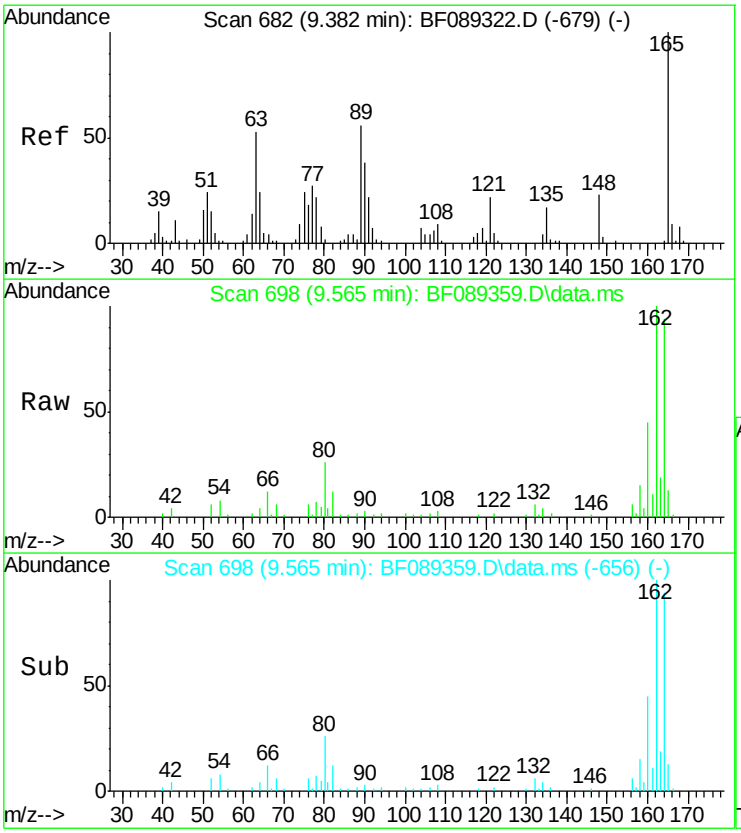
#44
2-Fluorobiphenyl
Concen: 107.43 ng
RT: 8.913 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
I-10

Tgt Ion:172 Resp: 606279

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.4	19.2	28.8

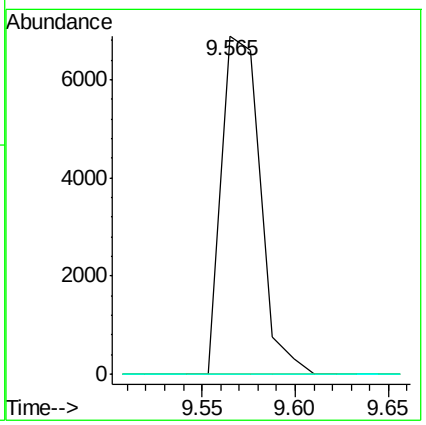


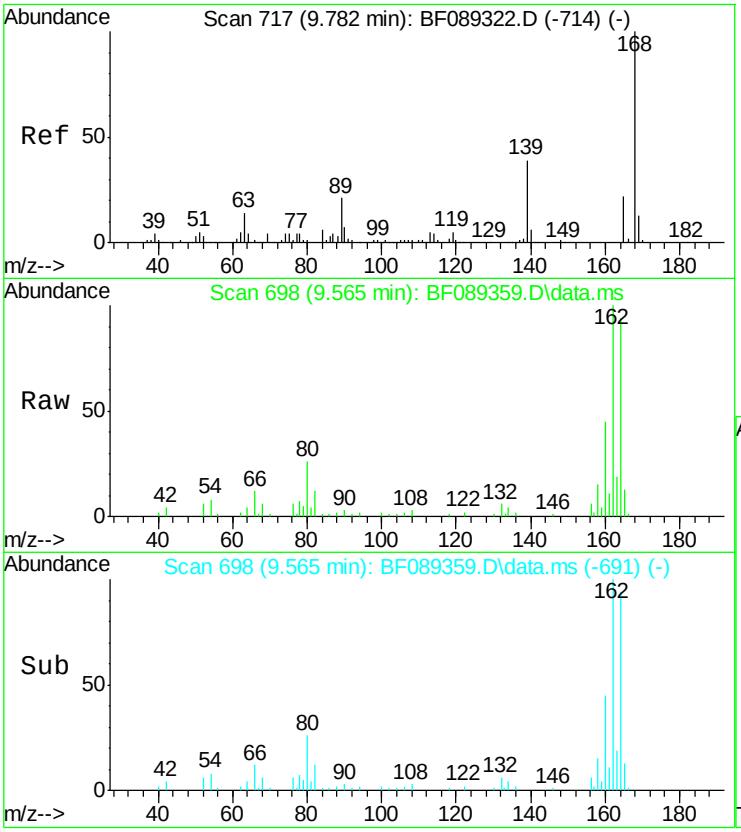


#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.565 min Scan# 698
Delta R.T. 0.183 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Tgt Ion:165 Resp: 10000

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



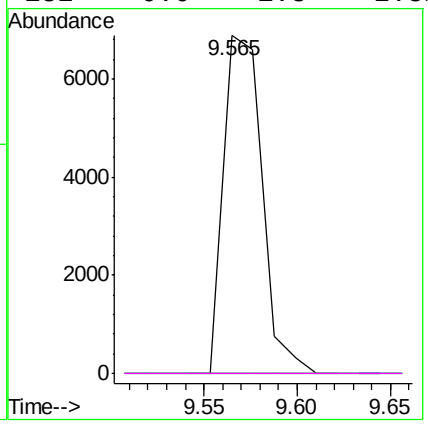


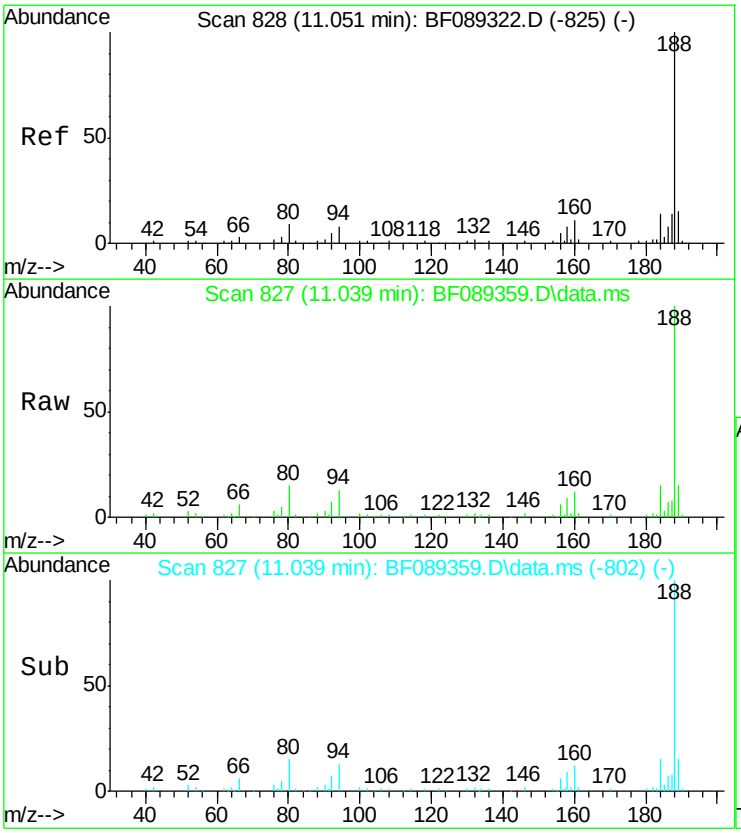
#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.565 min Scan# 69
Delta R.T. -0.217 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
I-10

Tgt Ion:165 Resp: 10000

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

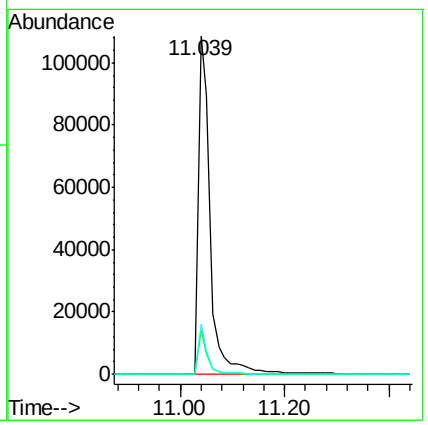


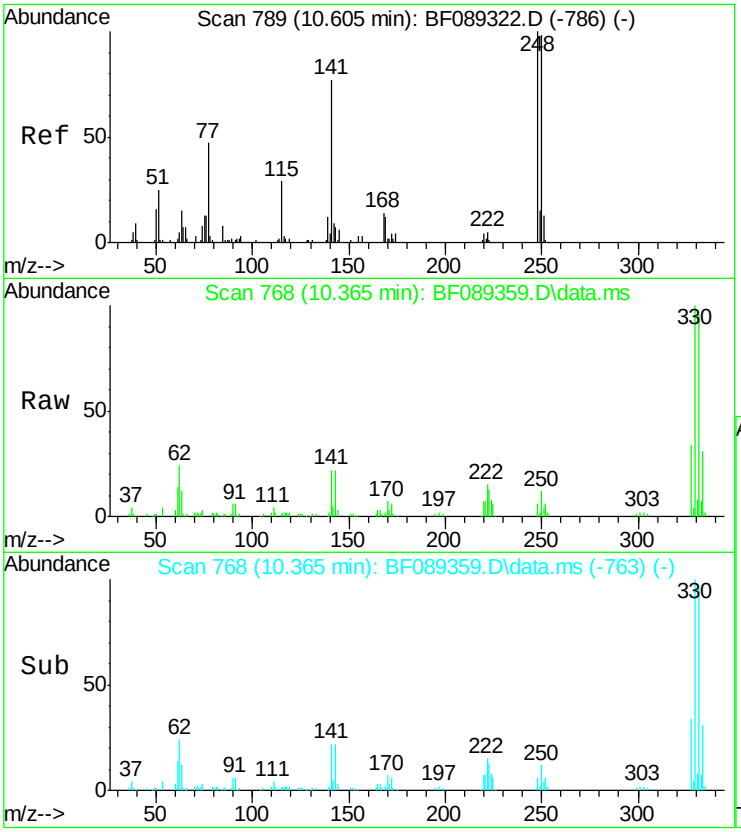


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.039 min Scan# 827
Delta R.T. -0.011 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Tgt Ion:188 Resp: 173000

Ion	Ratio	Lower	Upper
188	100		
94	12.8	6.5	9.7#
80	14.7	7.2	10.8#



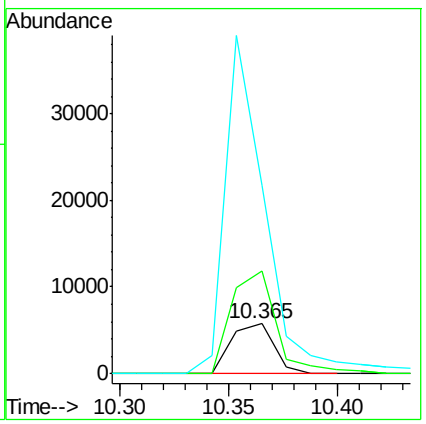


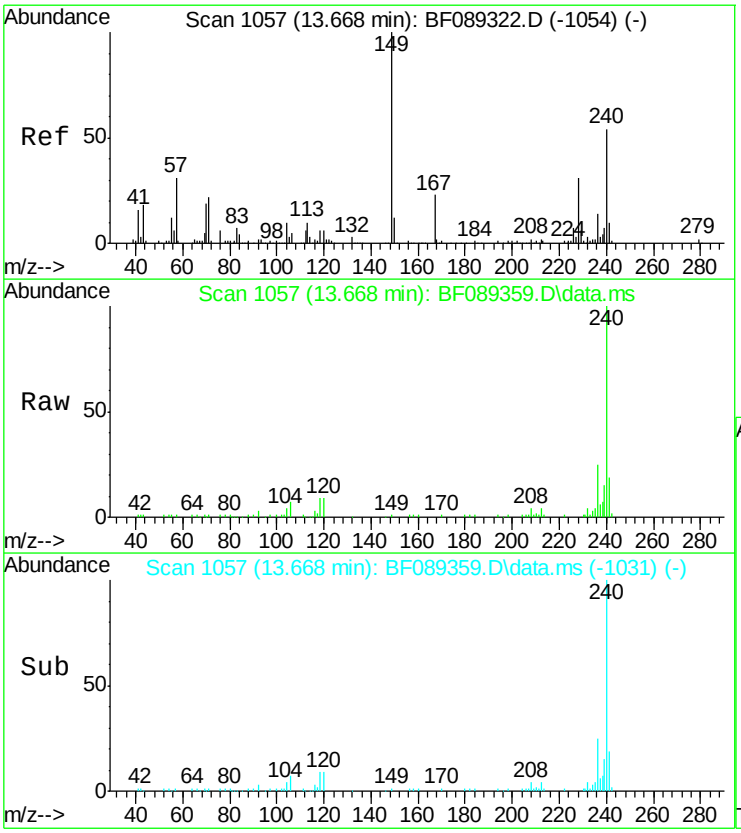
#66
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 10.365 min Scan# 76
Delta R.T. -0.240 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
I-10

Tgt Ion:248 Resp: 7773

Ion	Ratio	Lower	Upper
248	100		
250	207.4	78.2	117.2#
141	380.1	62.0	93.0#

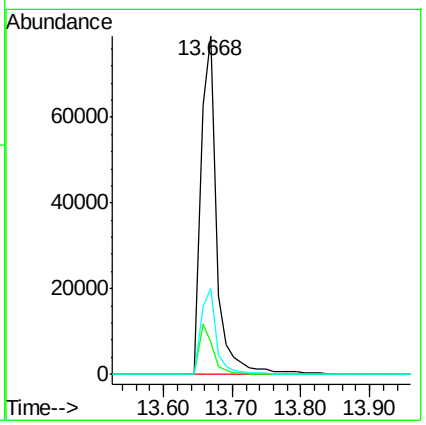


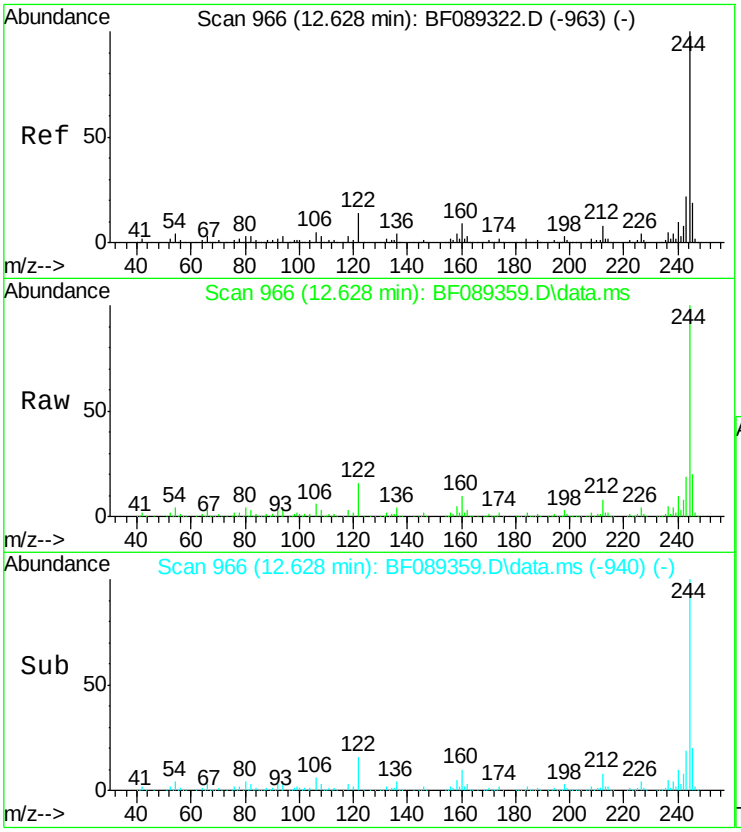


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.668 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Tgt Ion:240 Resp: 124355

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.1	13.7
236	25.5	20.6	30.8



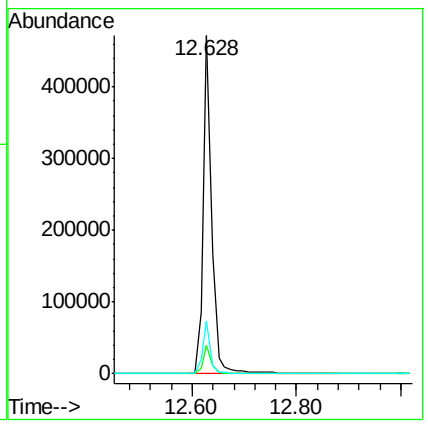


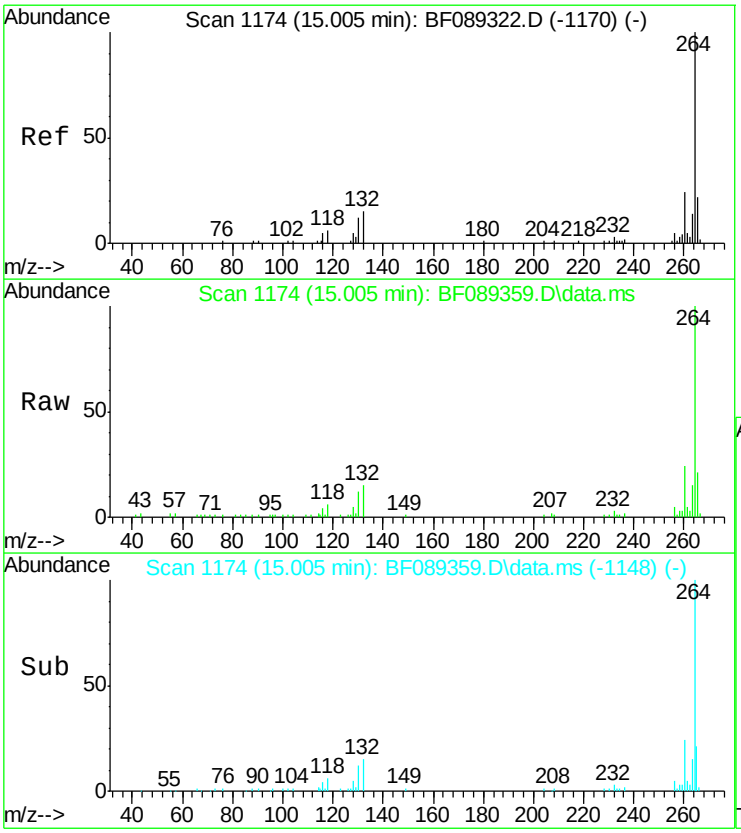
#78
Terphenyl-d14
Concen: 101.10 ng
RT: 12.628 min Scan# 96
Delta R.T. 0.000 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
I-10

Tgt Ion:244 Resp: 537198

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	15.7	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.005 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF089359.D
Acq: 28 Jul 2016 11:16

Tgt Ion:264 Resp: 91270

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.5	17.5	26.3