Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF072816\
Data File : BF089355.D
Acq On : 28 Jul 2016 9:22
Operator : UM/SJ
Sample : H4155-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : I-4

Quant Time: Jul 28 11:31:27 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	41179	20.00	ng		0.00
21) Naphthalene-d8	7.827	136	187195	20.00	ng		0.00
38) Acenaphthene-d10	9.576	164	84500	20.00	ng		0.00
63) Phenanthrene-d10	11.039	188	169732	20.00	ng		-0.01
75) Chrysene-d12	13.668	240	127402	20.00	ng		0.00
86) Perylene-d12	15.005	264	94703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.130	112	339405	131.60	ng		0.02
7) Phenol-d6	6.204	99	445254	130.64	ng		0.00
23) Nitrobenzene-d5	7.119	82	324622	102.36	ng		0.00
41) 2,4,6-Tribromophenol	10.365	330	108446	154.96	ng		0.00
44) 2-Fluorobiphenyl	8.913	172	574372	99.76	ng		0.00
78) Terphenyl-d14	12.628	244	515200	94.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.690	88	33565	27.64	ng	#	26
15) Benzyl Alcohol	6.696	79	4840	2.29	ng	#	48
19) n-Nitroso-di-n-propyla...	7.119	70	42328	20.60	ng	#	78
25) Isophorone	7.119	82	242890	38.02	ng	#	67
27) 2,4-Dimethylphenol	7.645	122	17333	6.74	ng	#	1
31) Naphthalene	7.850	128	42032	4.53	ng		99
32) Benzoic acid	7.645	122	19663	10.98	ng		94
50) 2,6-Dinitrotoluene	9.565	165	10273	7.77	ng	#	24
56) 2,4-Dinitrotoluene	9.565	165	10273	5.91	ng	#	7
66) 4-Bromophenyl-phenylether	10.365	248	7743	4.78	ng	#	1

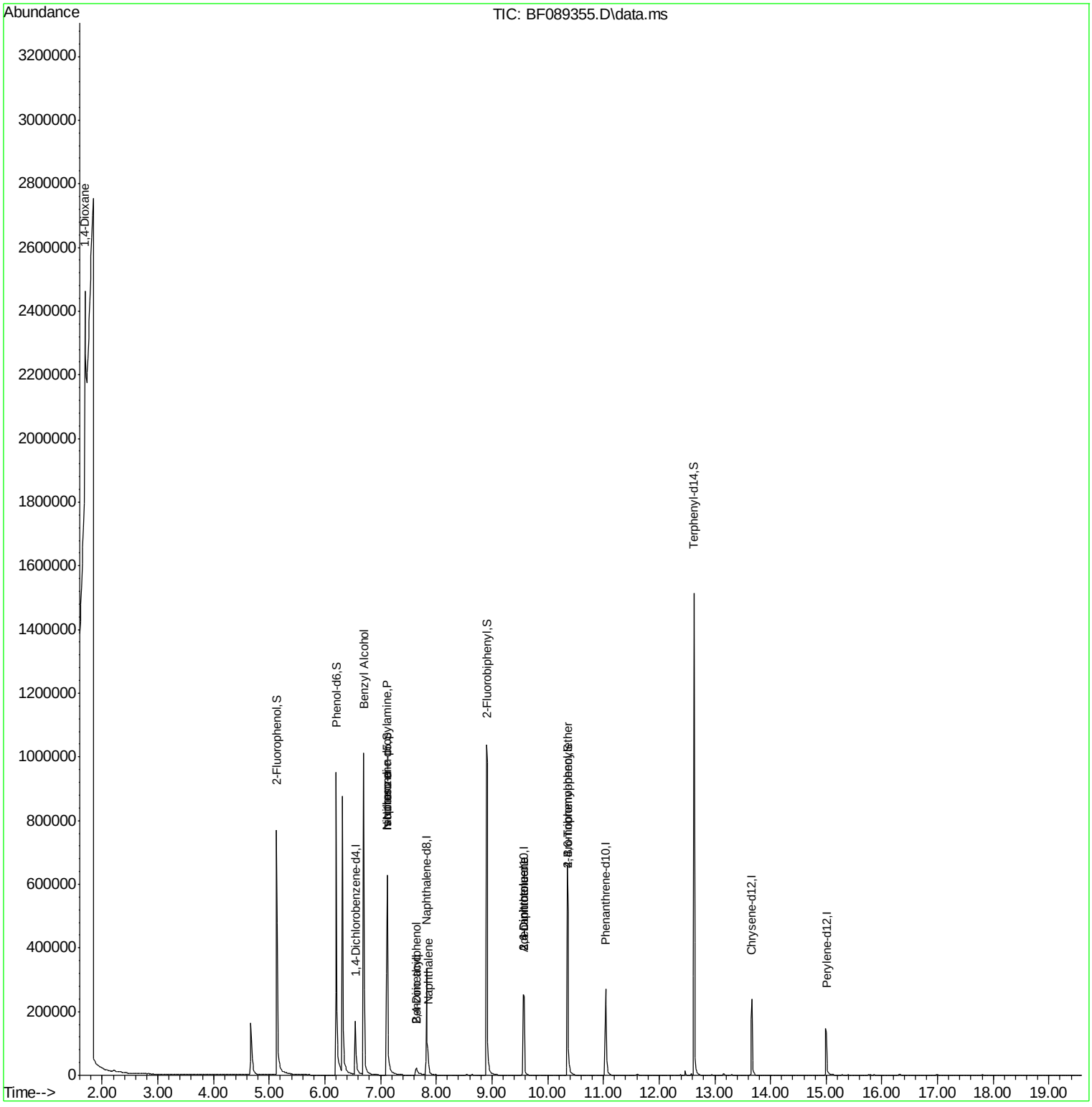
(#) = qualifier out of range (m) = manual integration (+) = signals summed

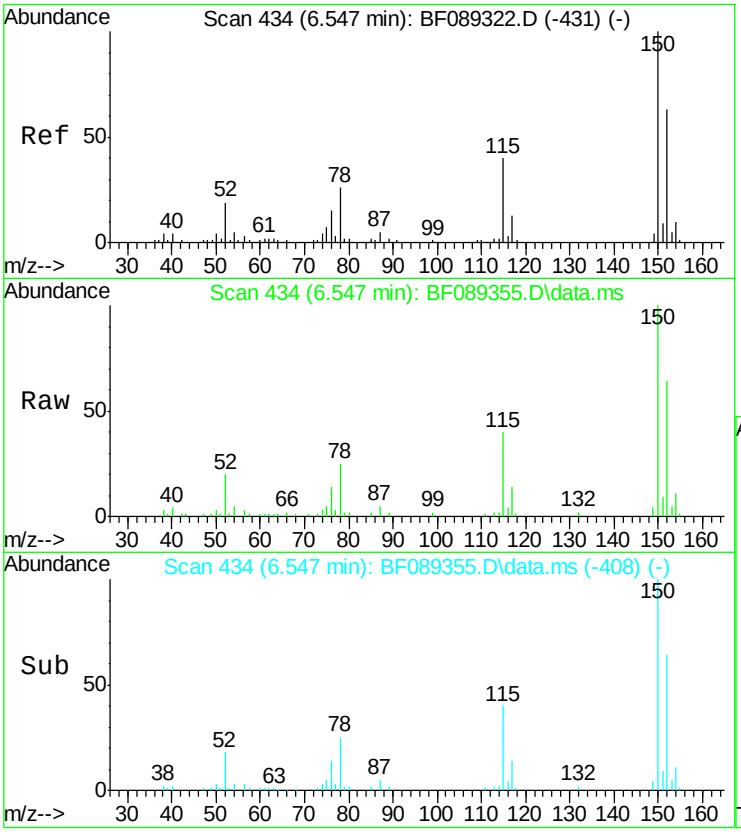
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF072816\
Data File : BF089355.D
Acq On : 28 Jul 2016 9:22
Operator : UM/SJ
Sample : H4155-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-4

Quant Time: Jul 28 11:31:27 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



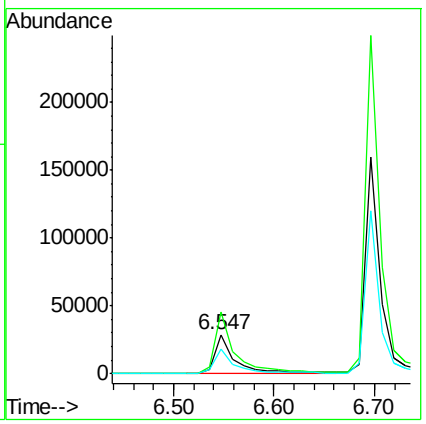


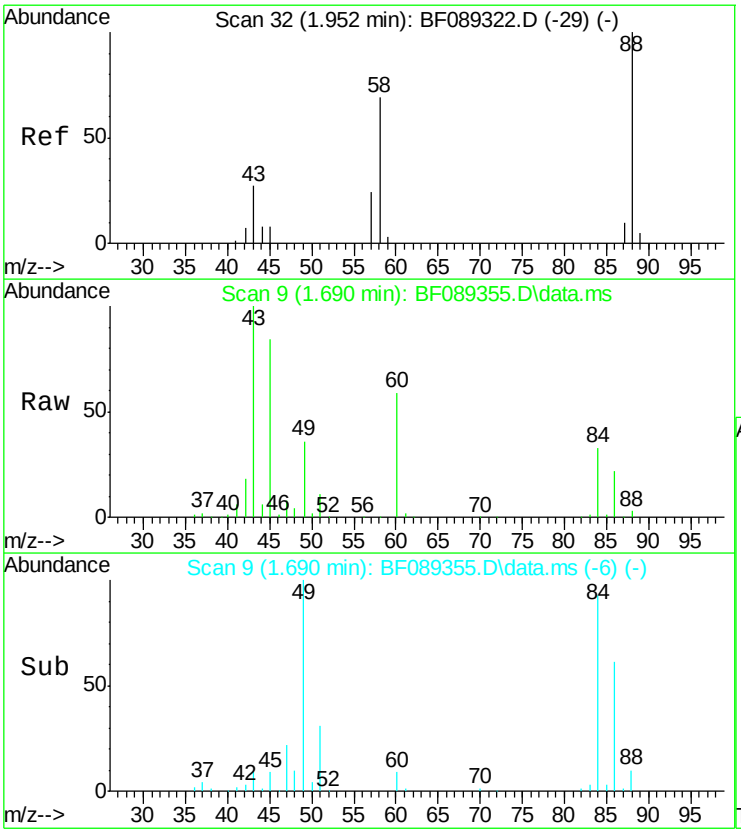
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.547 min Scan# 43
Delta R.T. 0.000 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
BNA_F
ClientSampleId :
I-4

Tgt Ion:152 Resp: 41179

Ion	Ratio	Lower	Upper
152	100		
150	156.7	129.5	194.3
115	62.9	51.4	77.2

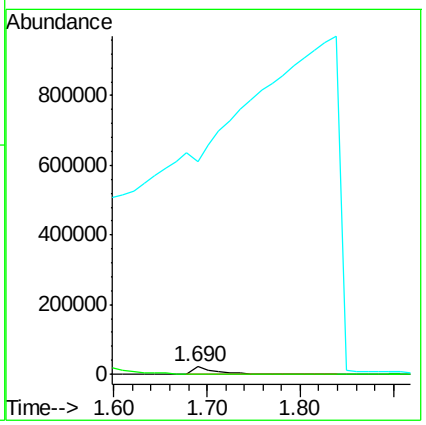


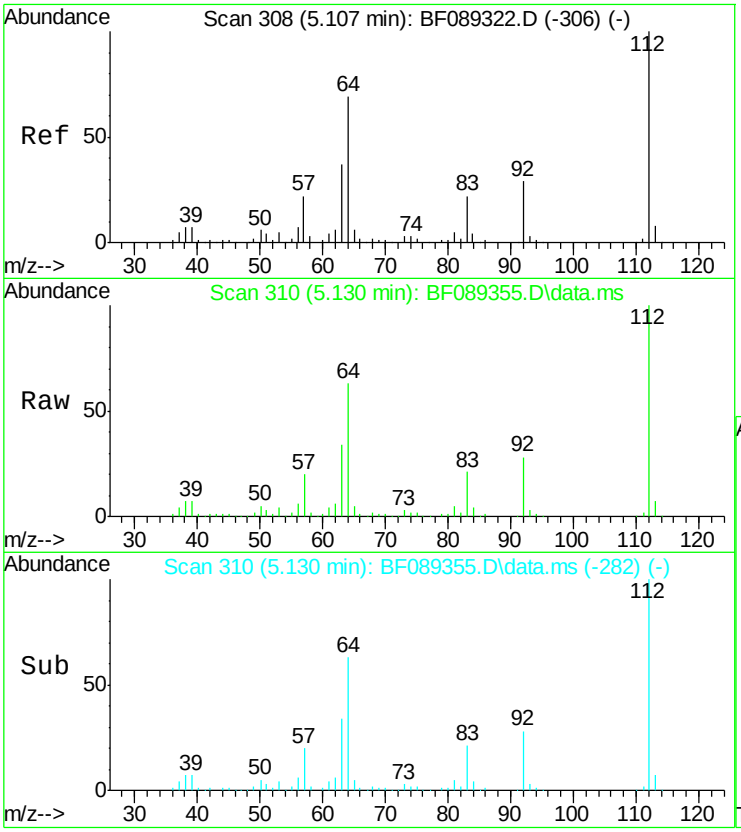


#2
1,4-Dioxane
Concen: 27.64 ng
RT: 1.690 min Scan# 9
Delta R.T. -0.262 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion: 88 Resp: 33565

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



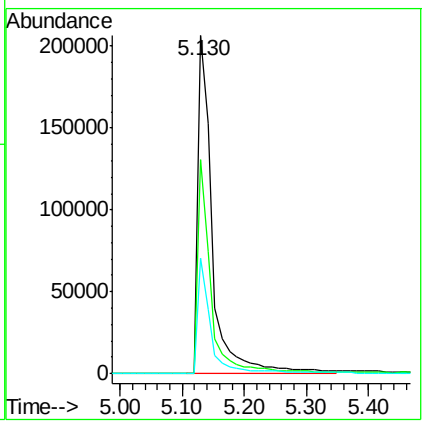


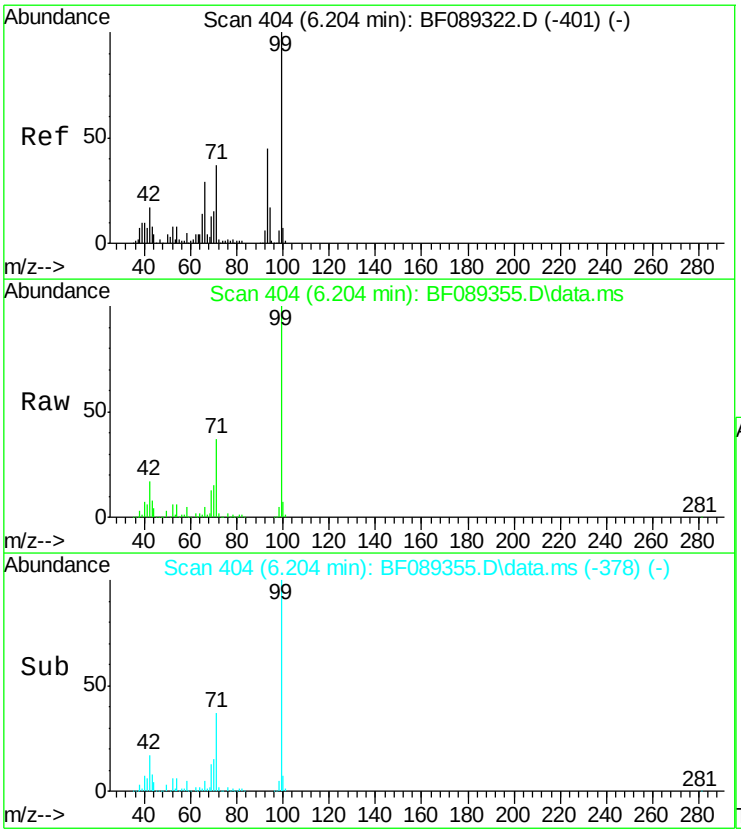
#5
2-Fluorophenol
Concen: 131.60 ng
RT: 5.130 min Scan# 31
Delta R.T. 0.023 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
BNA_F
ClientSampleId :
I-4

Tgt Ion:112 Resp: 339405

Ion	Ratio	Lower	Upper
112	100		
64	63.1	55.0	82.6
63	34.0	29.4	44.2

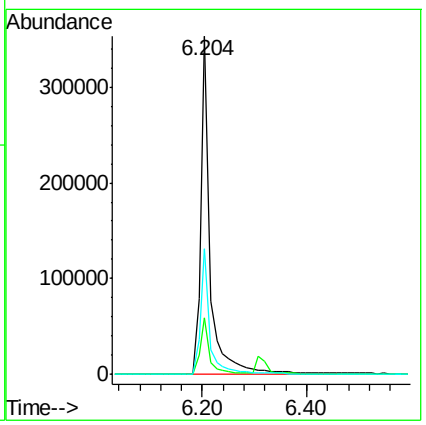


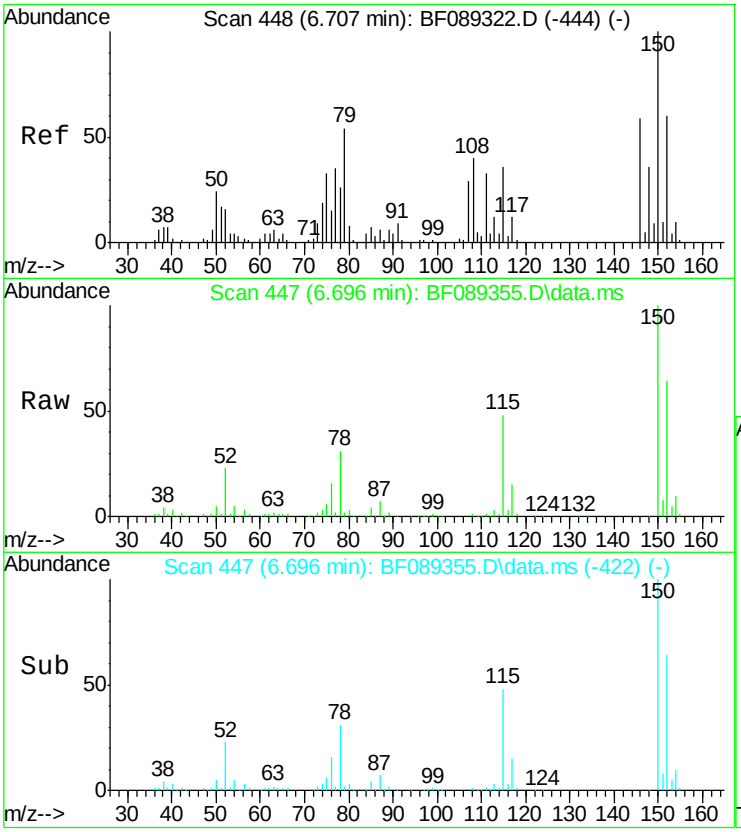


#7
Phenol-d6
Concen: 130.64 ng
RT: 6.204 min Scan# 404
Delta R.T. 0.000 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion: 99 Resp: 445254

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	37.1	29.4	44.2



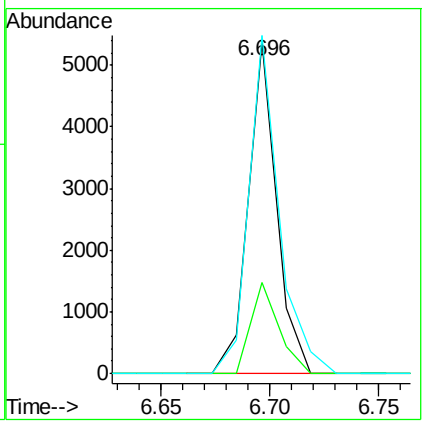


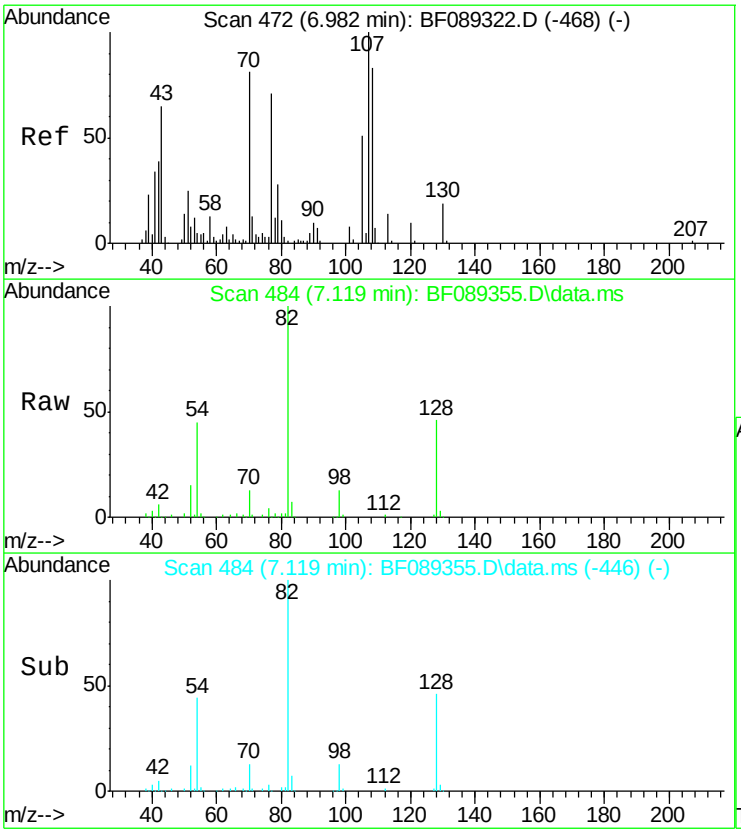
#15
Benzyl Alcohol
Concen: 2.29 ng
RT: 6.696 min Scan# 44
Delta R.T. -0.011 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
BNA_F
ClientSampleId :
I-4

Tgt Ion: 79 Resp: 4840

Ion	Ratio	Lower	Upper
79	100		
108	27.5	59.8	89.6#
77	101.7	51.7	77.5#

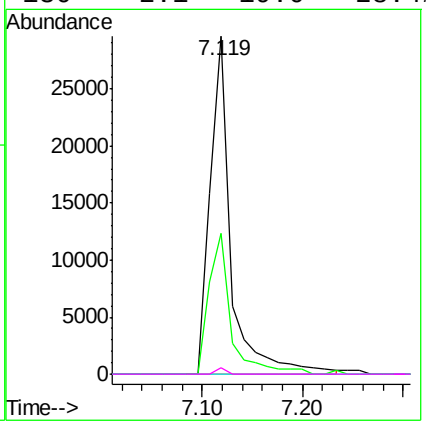


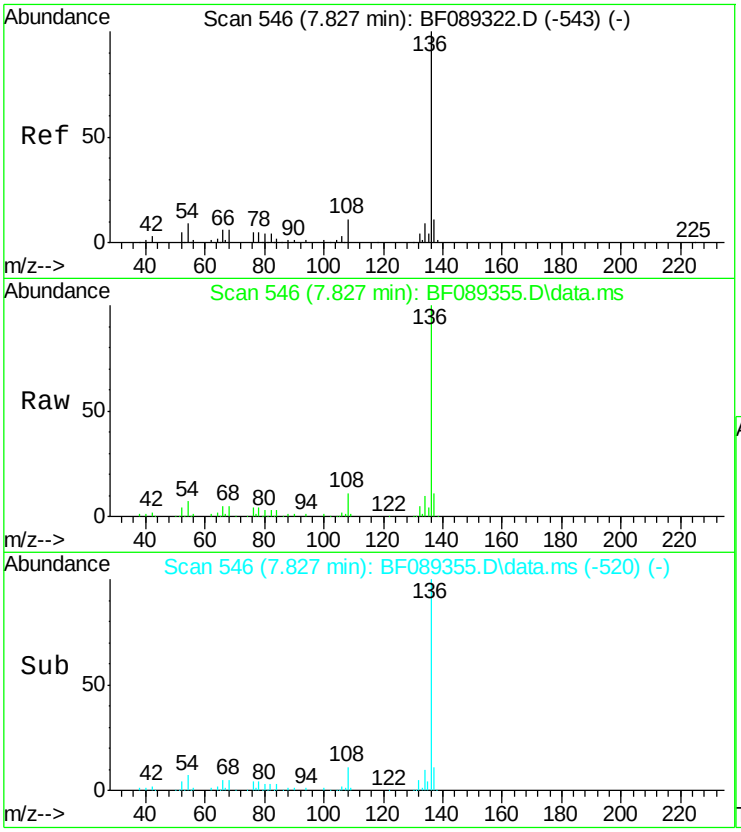


#19
n-Nitroso-di-n-propylamine
Concen: 20.60 ng
RT: 7.119 min Scan# 484
Delta R.T. 0.137 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion: 70 Resp: 42328

Ion	Ratio	Lower	Upper
70	100		
42	41.8	38.6	57.8
101	0.0	8.3	12.5#
130	2.1	19.0	28.4#



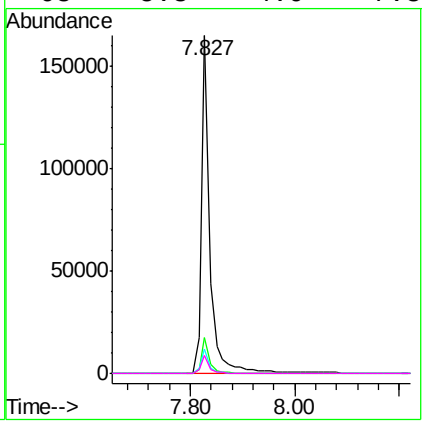


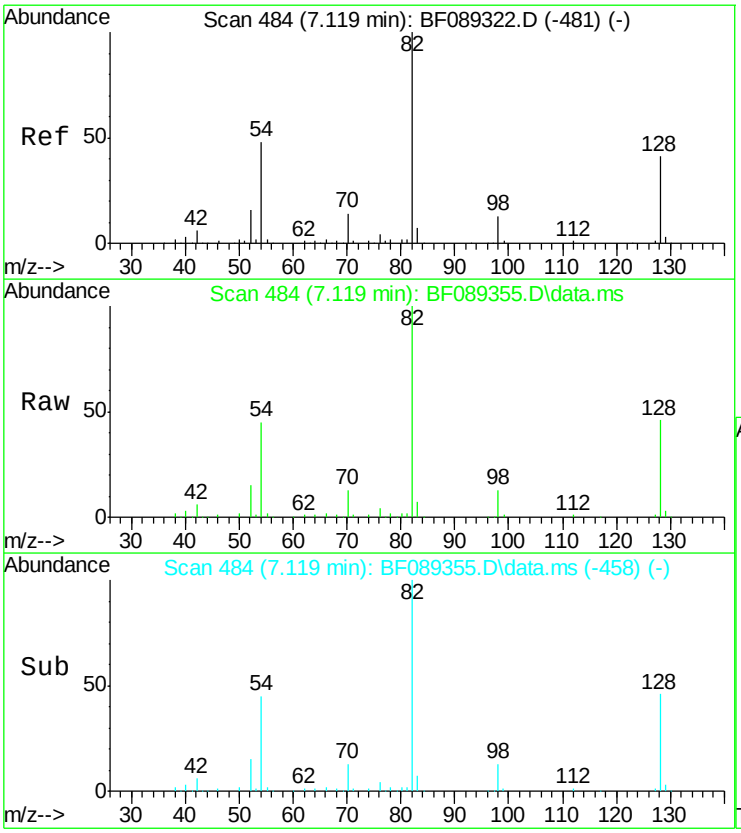
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.827 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
BNA_F
ClientSampleId :
I-4

Tgt Ion:136 Resp: 187195

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.1	7.0	10.4
68	5.3	4.9	7.3

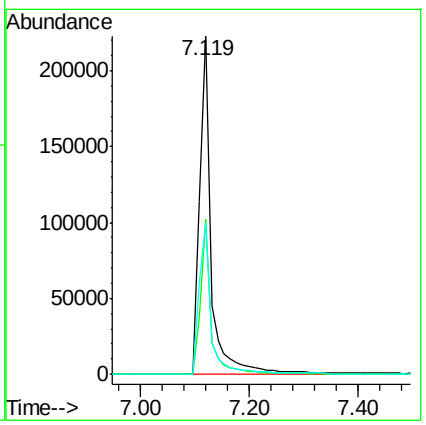


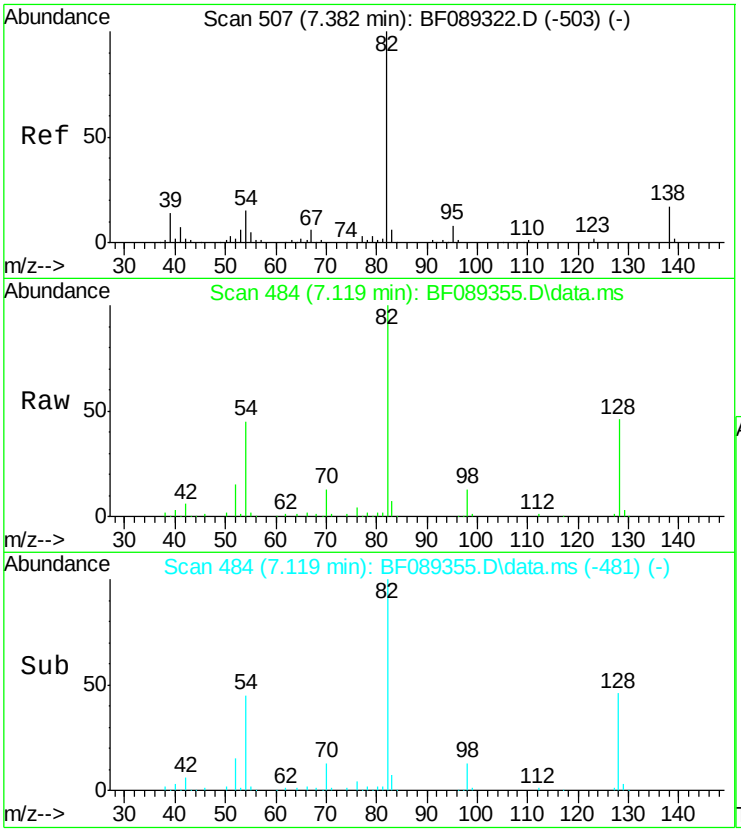


#23
Nitrobenzene-d5
Concen: 102.36 ng
RT: 7.119 min Scan# 484
Delta R.T. 0.000 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion: 82 Resp: 324622

Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.5	48.7
54	44.9	38.8	58.2



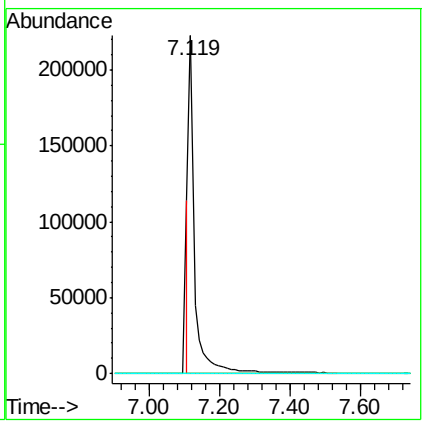


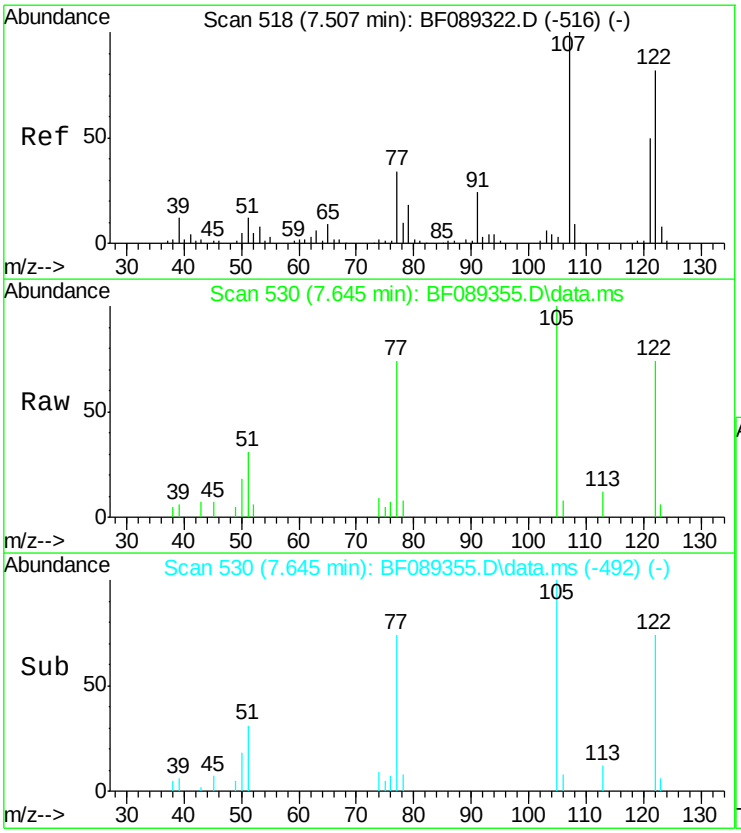
#25
Isophorone
Concen: 38.02 ng
RT: 7.119 min Scan# 48
Delta R.T. -0.263 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
BNA_F
ClientSampleId :
I-4

Tgt Ion: 82 Resp: 242890

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

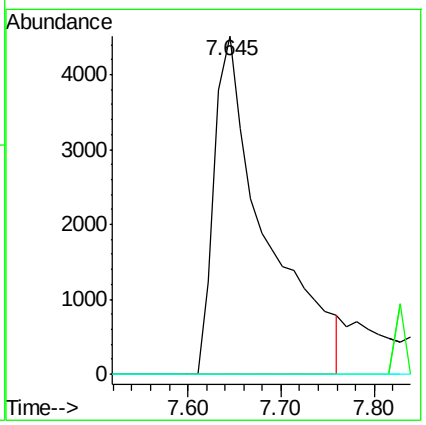


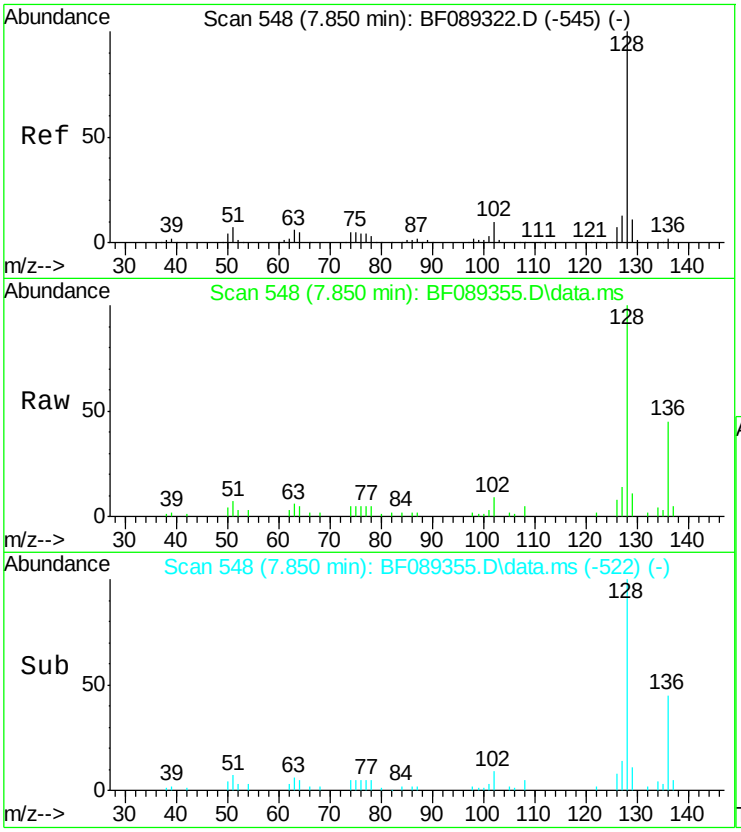


#27
2,4-Dimethylphenol
Concen: 6.74 ng
RT: 7.645 min Scan# 530
Delta R.T. 0.137 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion:122 Resp: 17333

Ion	Ratio	Lower	Upper
122	100		
107	0.0	97.2	145.8#
121	0.0	48.8	73.2#



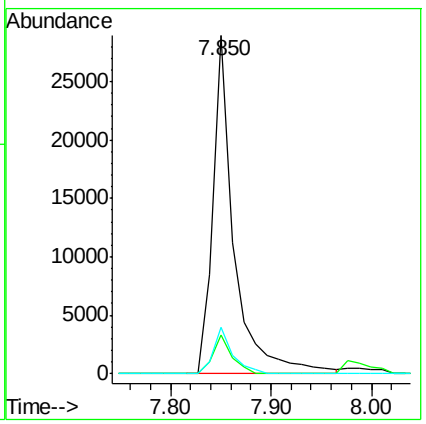


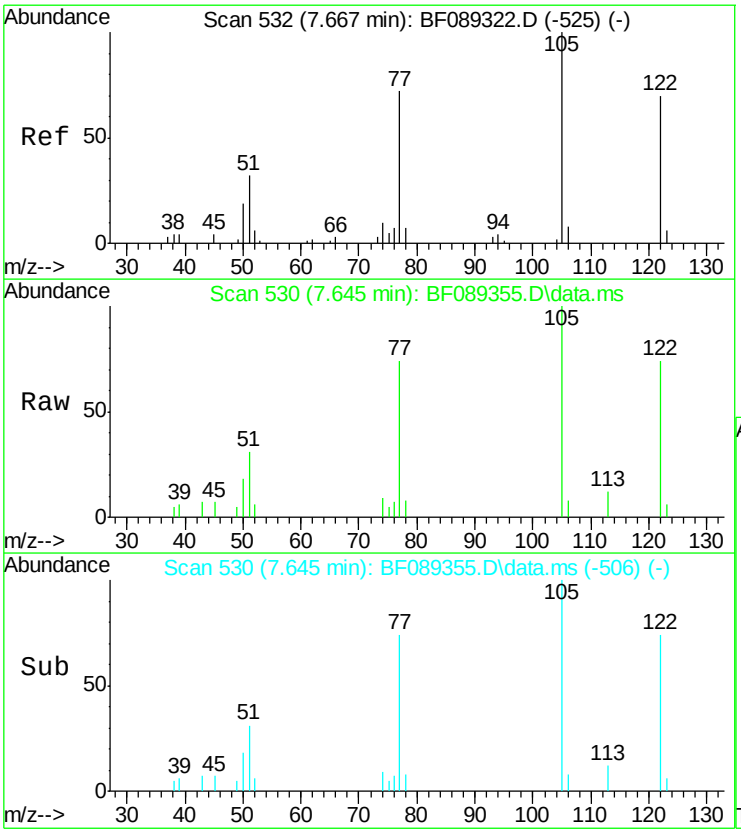
#31
Naphthalene
Concen: 4.53 ng
RT: 7.850 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
BNA_F
ClientSampleId :
I-4

Tgt Ion:128 Resp: 42032

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.7	10.8	16.2

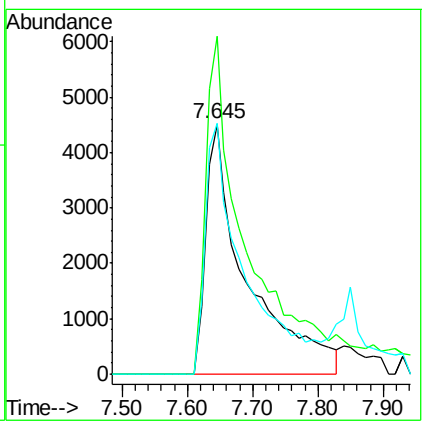


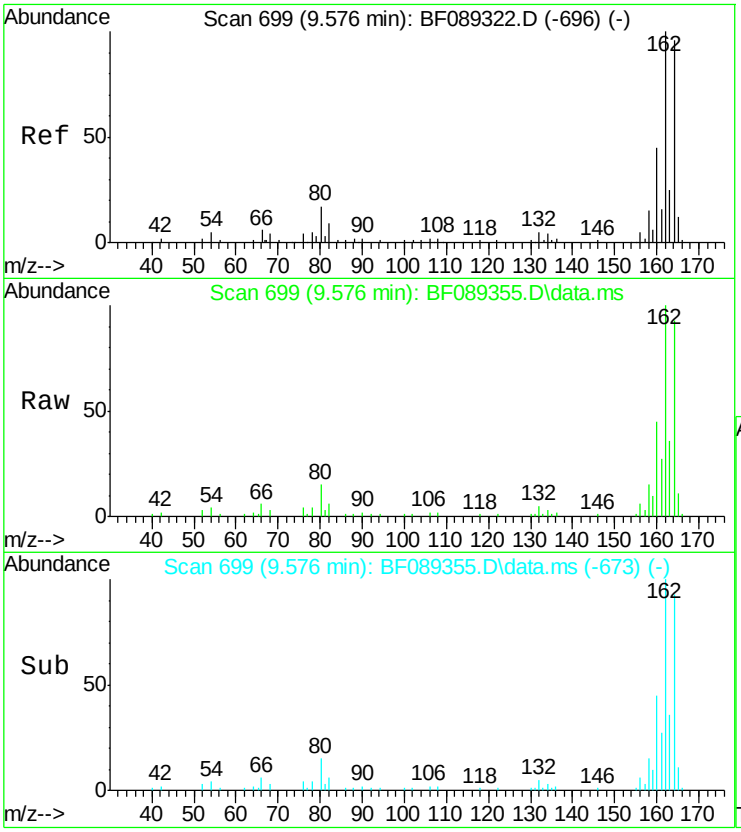


#32
Benzoic acid
Concen: 10.98 ng
RT: 7.645 min Scan# 530
Delta R.T. -0.023 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion:122 Resp: 19663

Ion	Ratio	Lower	Upper
122	100		
105	135.2	106.4	146.4
77	100.3	76.4	116.4



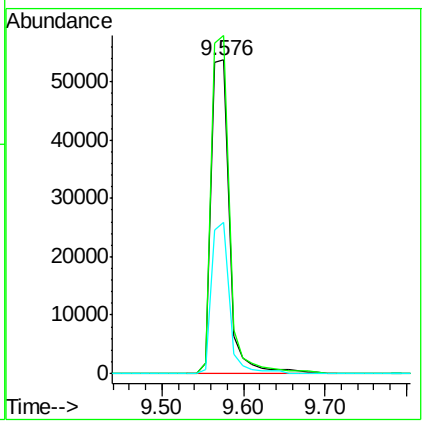


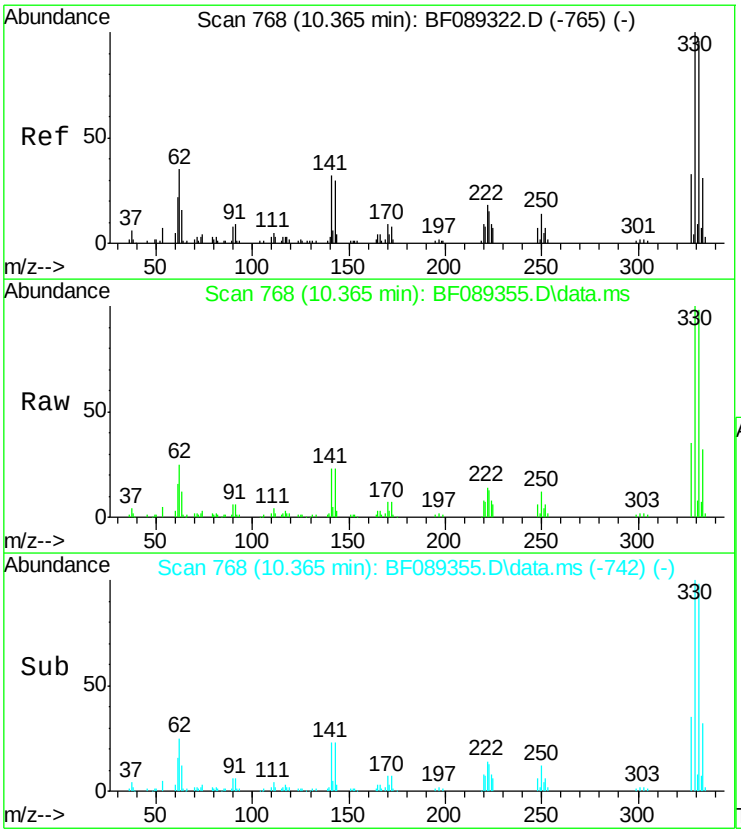
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.576 min Scan# 69
Delta R.T. 0.000 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
BNA_F
ClientSampleId :
I-4

Tgt Ion:164 Resp: 84500

Ion	Ratio	Lower	Upper
164	100		
162	107.7	83.7	125.5
160	48.1	37.8	56.6

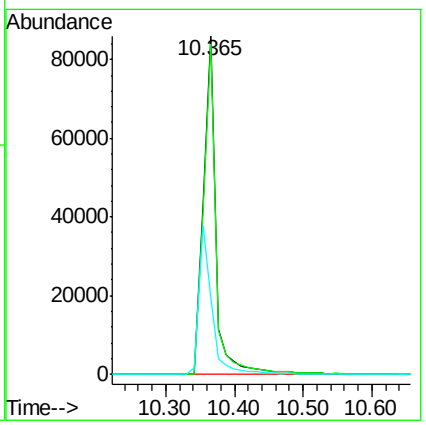


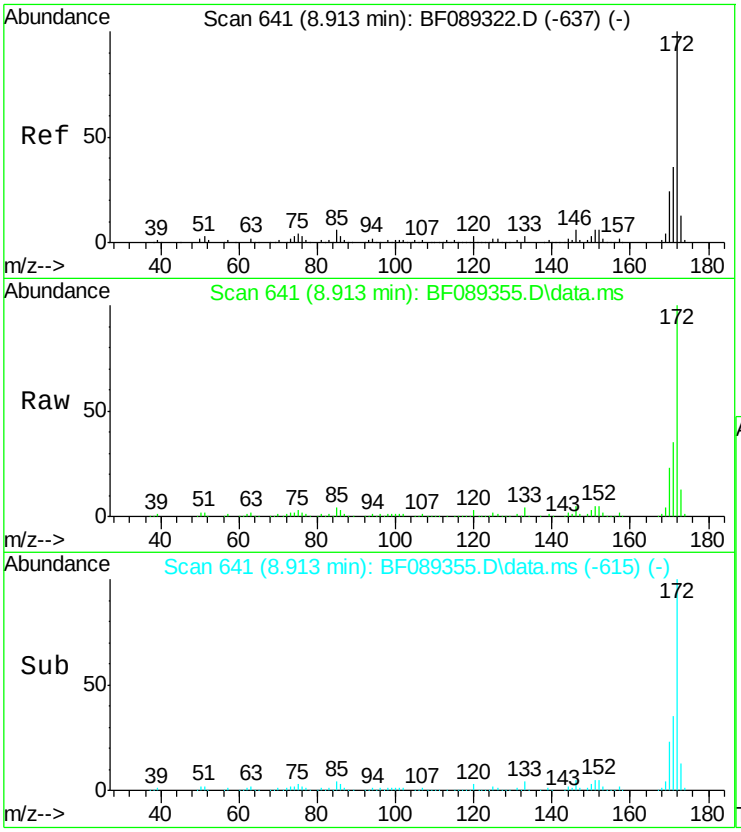


#41
2,4,6-Tribromophenol
Concen: 154.96 ng
RT: 10.365 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion:330 Resp: 108446

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.8	115.2
141	44.4	37.3	55.9



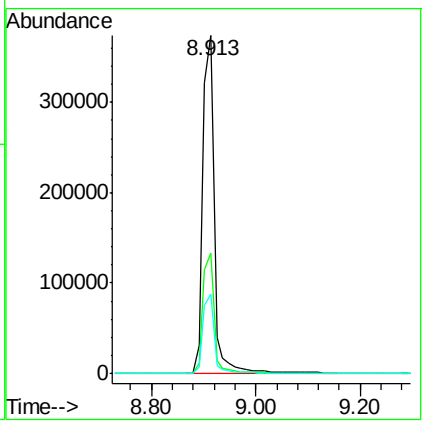


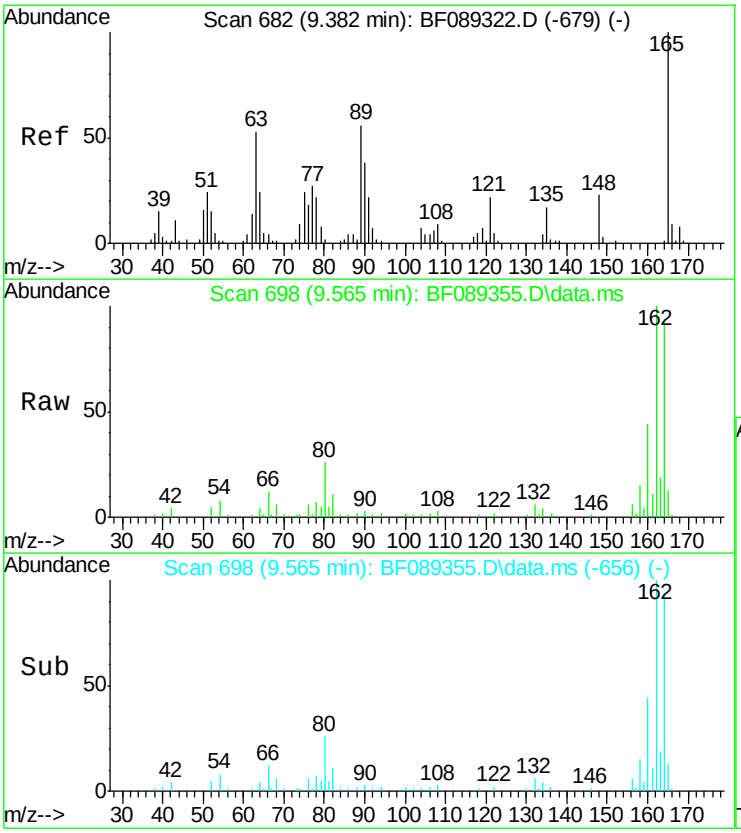
#44
2-Fluorobiphenyl
Concen: 99.76 ng
RT: 8.913 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
BNA_F
ClientSampleId :
I-4

Tgt Ion:172 Resp: 574372

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	23.4	19.2	28.8

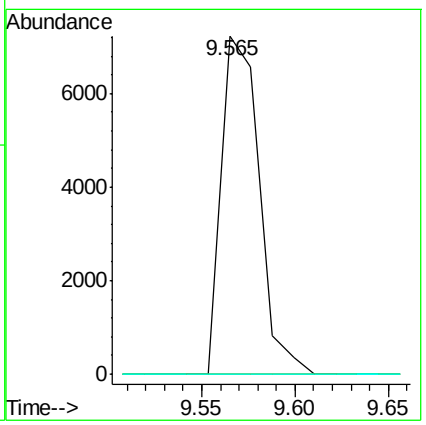


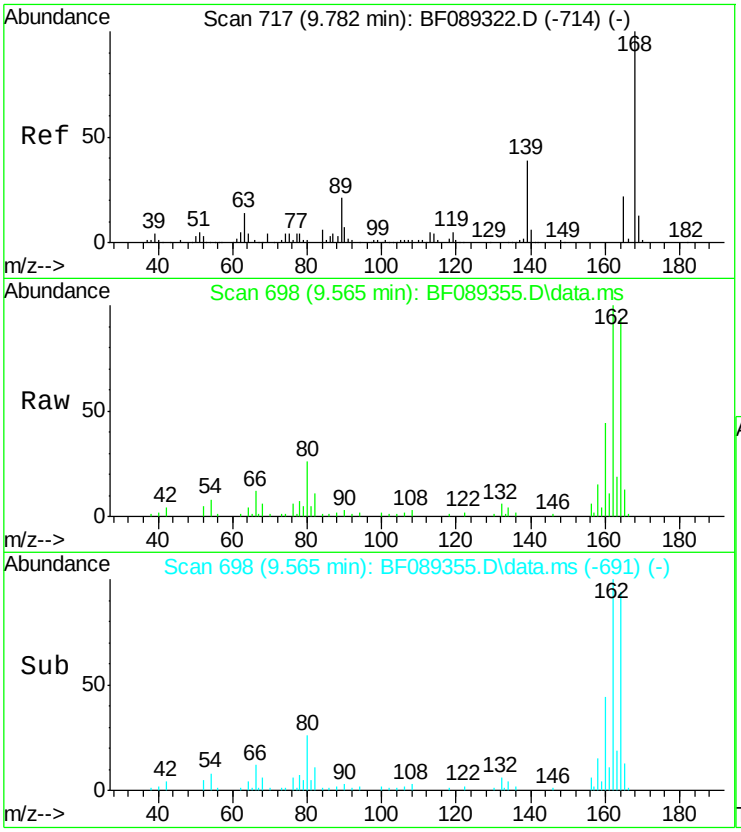


#50
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 9.565 min Scan# 698
Delta R.T. 0.183 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion:165 Resp: 10273

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



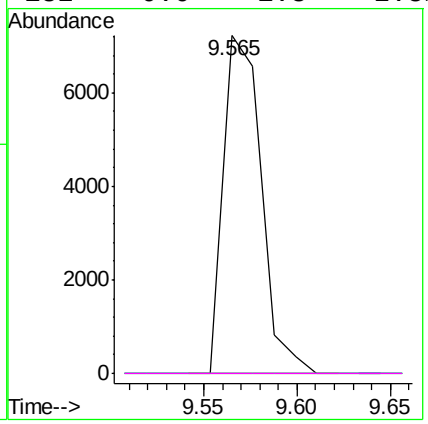


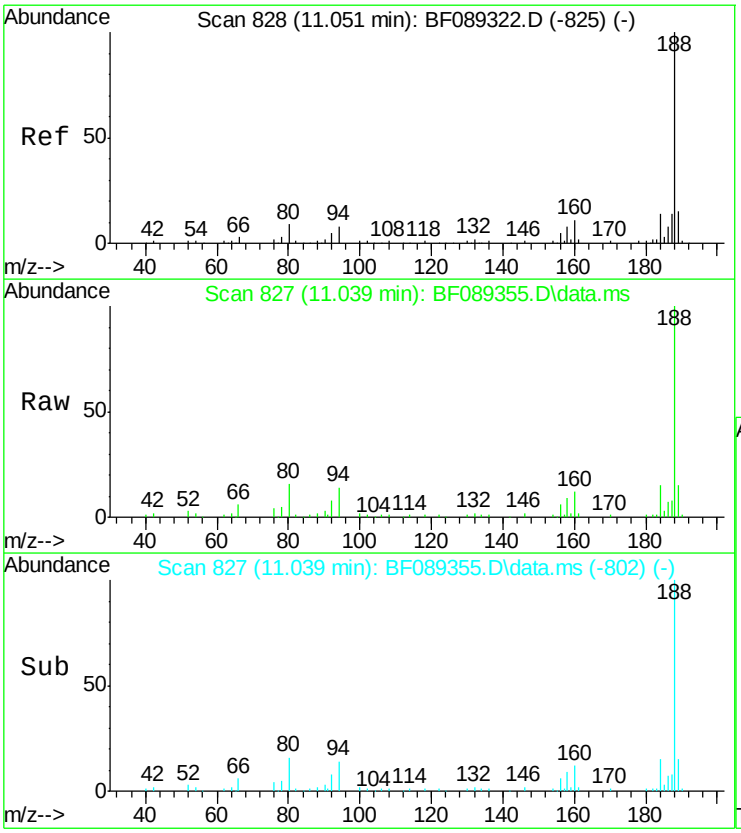
#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.565 min Scan# 69
Delta R.T. -0.217 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
BNA_F
ClientSampleId :
I-4

Tgt Ion:165 Resp: 10273

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#

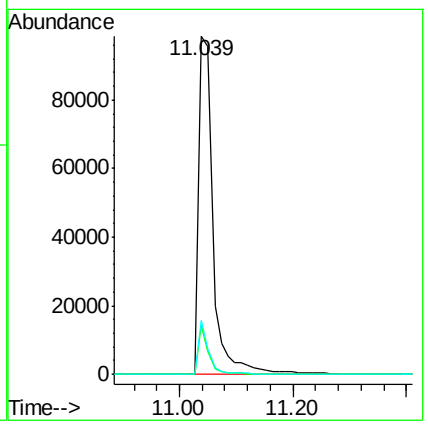


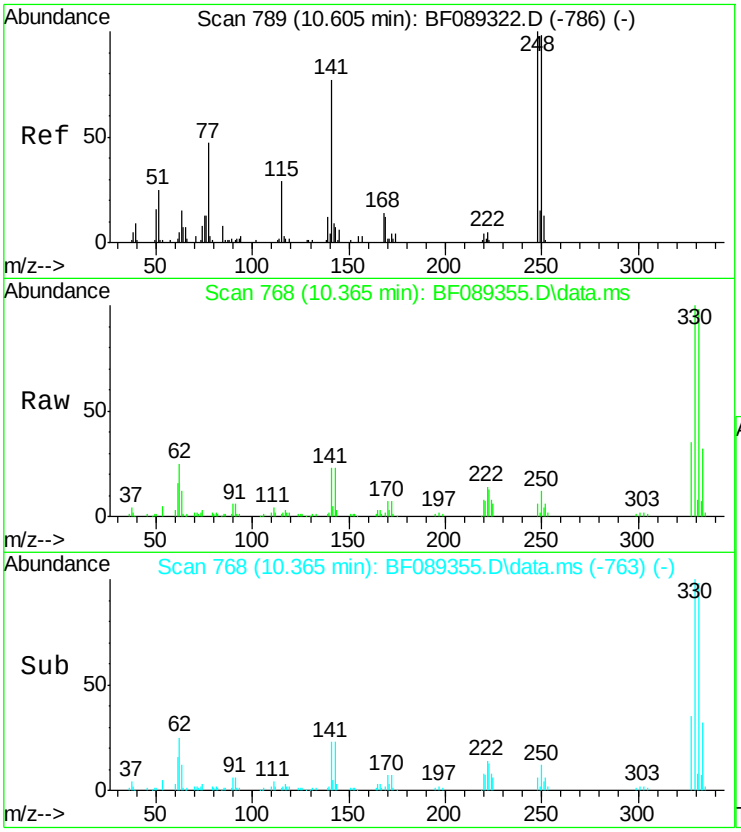


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.039 min Scan# 827
Delta R.T. -0.011 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion:188 Resp: 169732

Ion	Ratio	Lower	Upper
188	100		
94	14.4	6.5	9.7#
80	16.0	7.2	10.8#



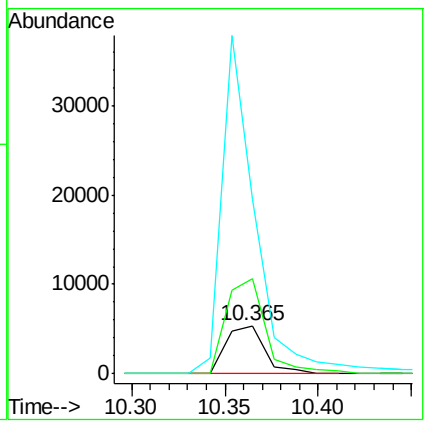


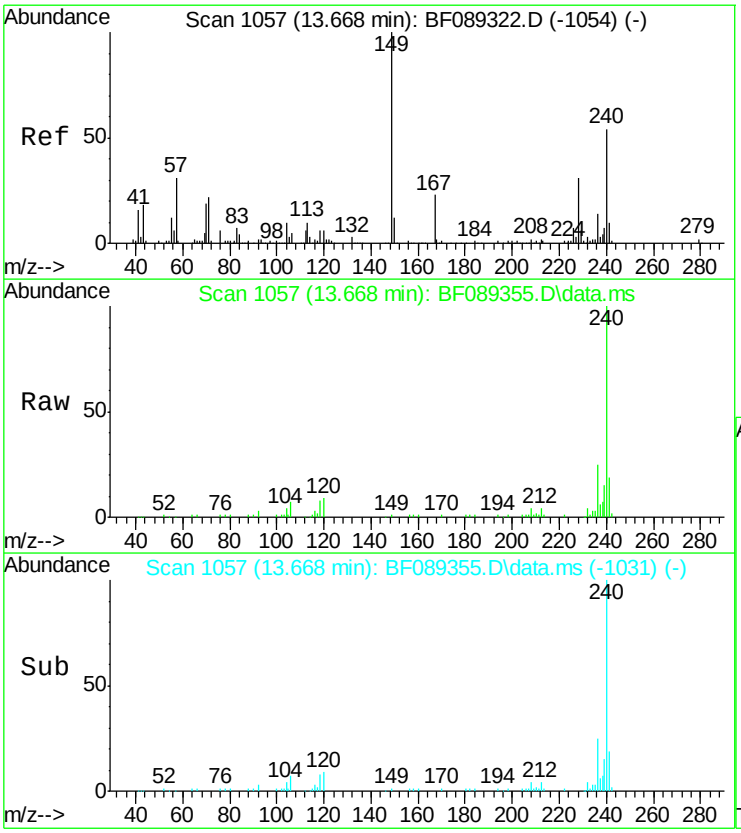
#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.365 min Scan# 76
Delta R.T. -0.240 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
BNA_F
ClientSampleId :
I-4

Tgt Ion:248 Resp: 7743

Ion	Ratio	Lower	Upper
248	100		
250	198.7	78.2	117.2#
141	366.6	62.0	93.0#

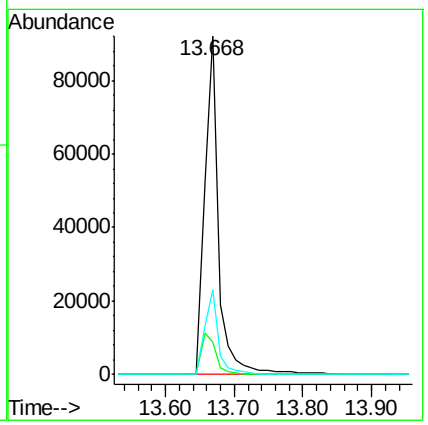


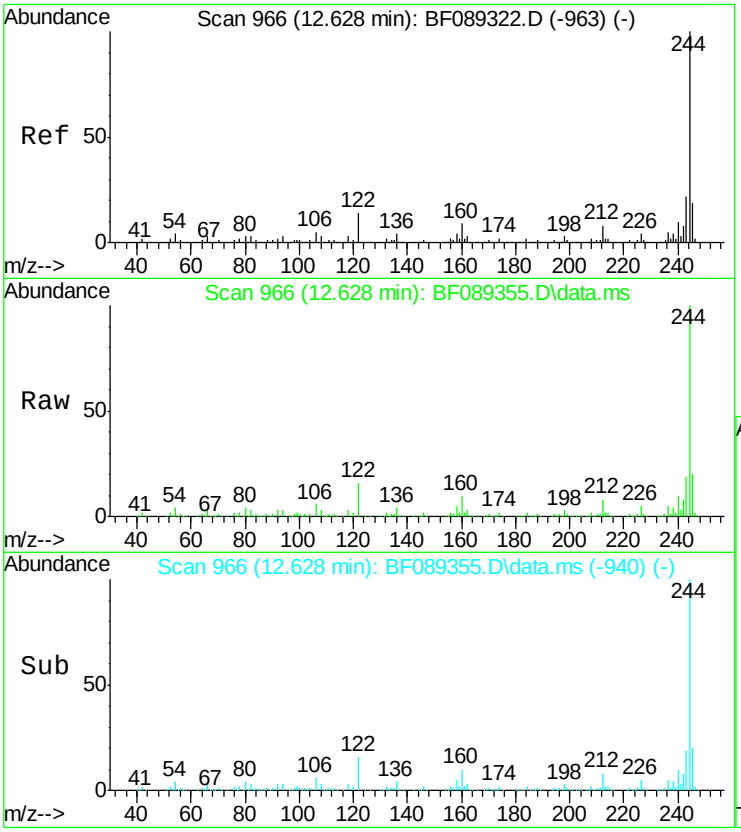


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.668 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion:240 Resp: 127402

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.1	13.7
236	24.9	20.6	30.8



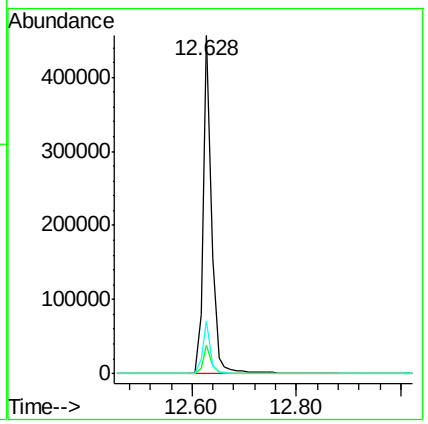


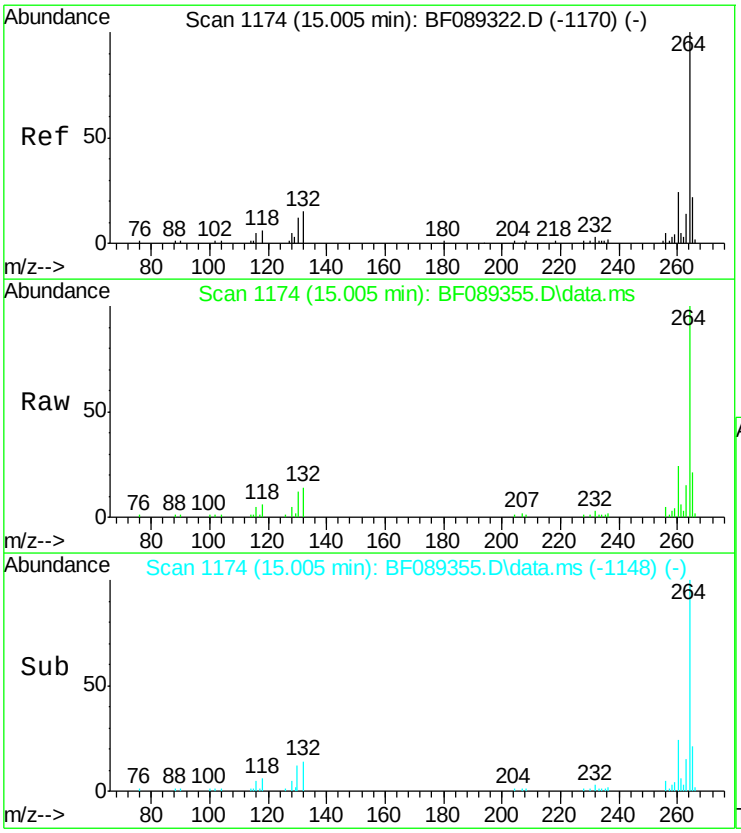
#78
Terphenyl-d14
Concen: 94.65 ng
RT: 12.628 min Scan# 96
Delta R.T. 0.000 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
BNA_F
ClientSampleId :
I-4

Tgt Ion:244 Resp: 515200

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	15.6	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: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion:264 Resp: 94703

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.5	17.5	26.3