Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
Data File : BF089348.D
Acq On : 28 Jul 2016 5:59
Operator : UM/SJ
Sample : H4157-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : I-18

Quant Time: Jul 28 06:59:42 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	44757	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	207334	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	91366	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	193799	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	144917	20.00	ng	0.00
86) Perylene-d12	15.01	264	108890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	362270	129.24	ng	0.02
7) Phenol-d6	6.20	99	469759	126.81	ng	0.00
23) Nitrobenzene-d5	7.12	82	347133	98.82	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	122806	162.29	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	627953	100.87	ng	0.00
78) Terphenyl-d14	12.63	244	561152	90.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.00	88	475	Below Cal	#	26
4) n-Nitrosodimethylamine	2.42	42	639	8.21	ng	# 1
15) Benzyl Alcohol	6.70	79	4946	2.15	ng	# 47
19) n-Nitroso-di-n-propylamine	7.12	70	45401	20.32	ng	# 76
31) Naphthalene	7.85	128	85352	8.31	ng	99
33) 4-Chloroaniline	7.85	127	9987	2.56	ng	# 37
50) 2,6-Dinitrotoluene	9.56	165	11582	8.11	ng	# 24
55) 4-Nitrophenol	9.78	139	625	6.97	ng	# 4
56) 2,4-Dinitrotoluene	9.56	165	11582	6.16	ng	# 7
66) 4-Bromophenyl-phenylether	10.36	248	8367	4.52	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 : BF089348.D
Acq On : 28 Jul 2016 5:59
Operator : UM/SJ
Sample : H4157-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-18

Quant Time: Jul 28 06:59:42 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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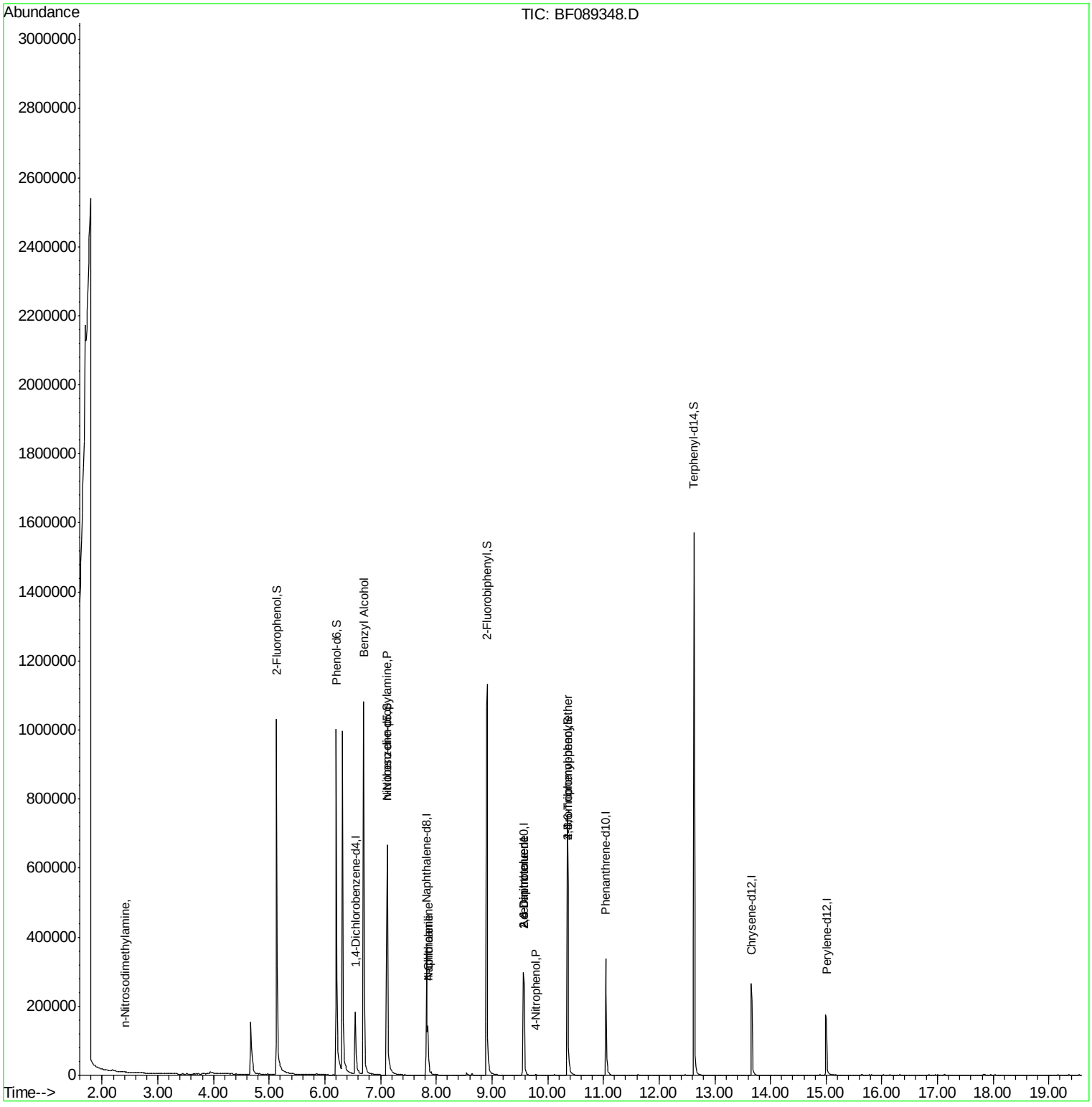
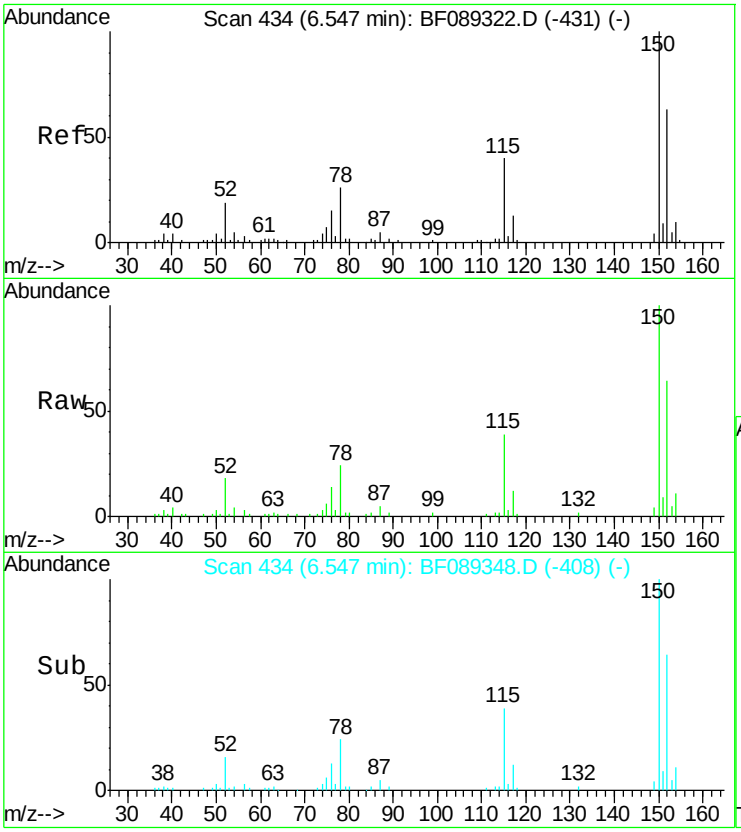


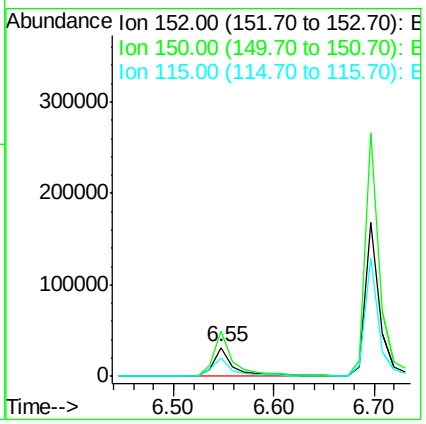


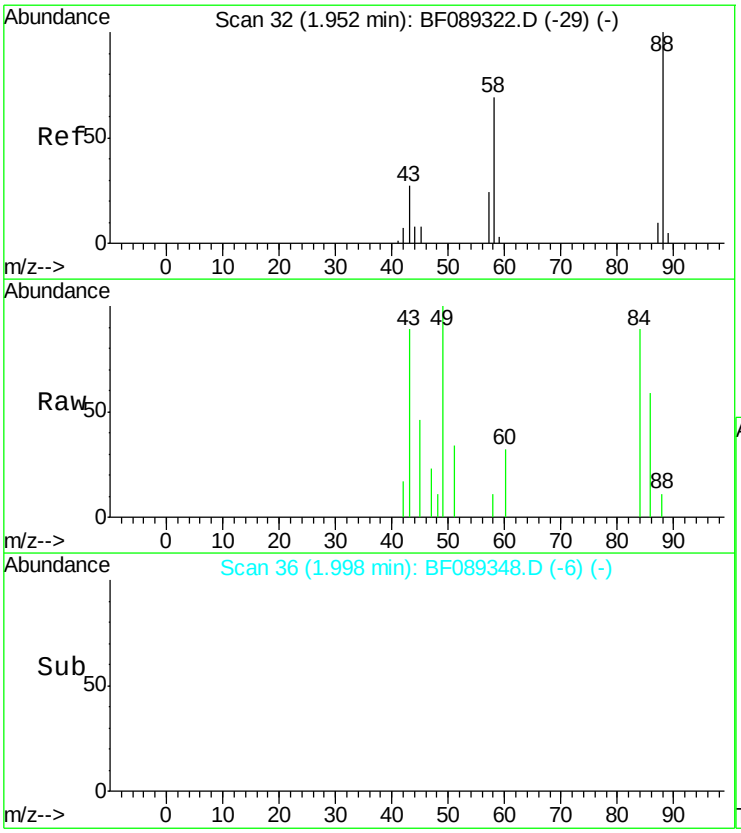
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
I-18

Tgt Ion:152 Resp: 44757

Ion	Ratio	Lower	Upper
152	100		
150	155.4	129.5	194.3
115	61.3	51.4	77.2

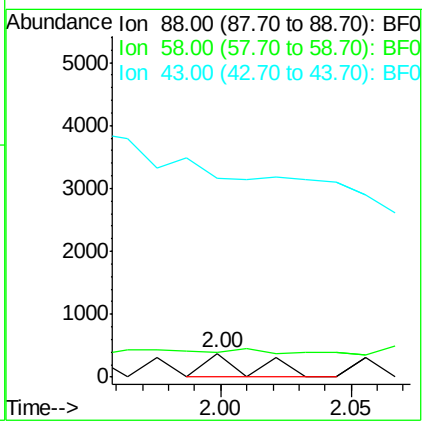


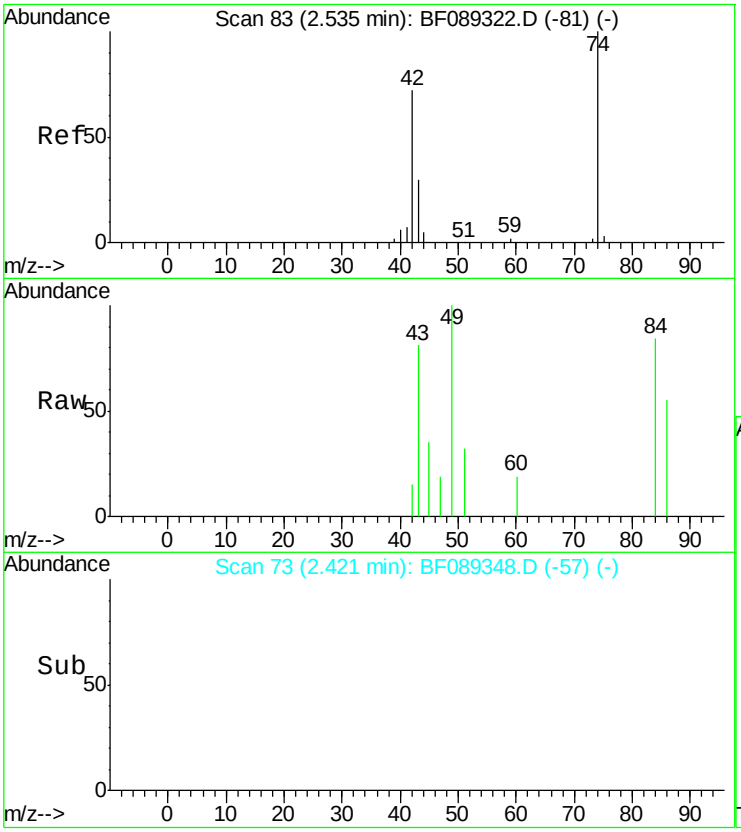


#2
1,4-Dioxane
Concen: Below Cal
RT: 2.00 min Scan# 36
Delta R.T. 0.05 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Tgt Ion: 88 Resp: 475

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



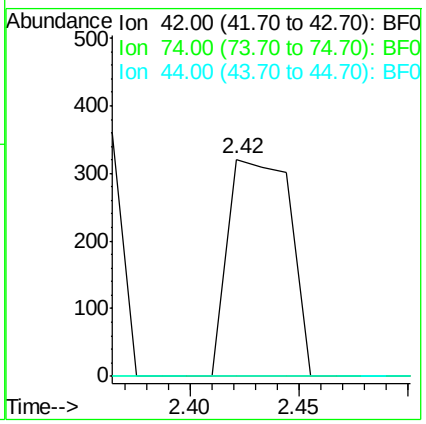


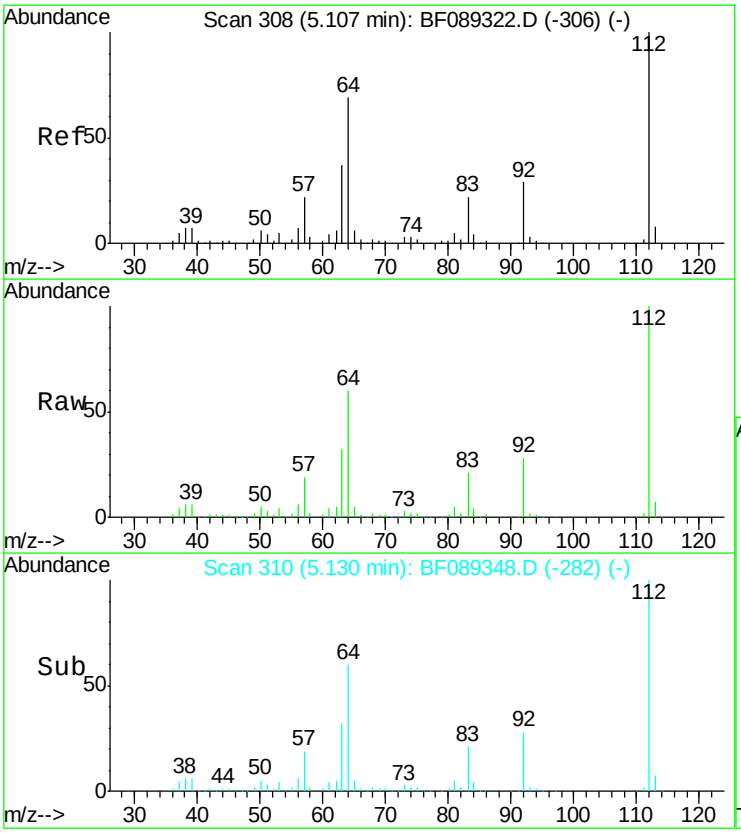
#4
n-Nitrosodimethylamine
Concen: 8.21 ng
RT: 2.42 min Scan# 73
Delta R.T. -0.11 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
I-18

Tgt Ion: 42 Resp: 639

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

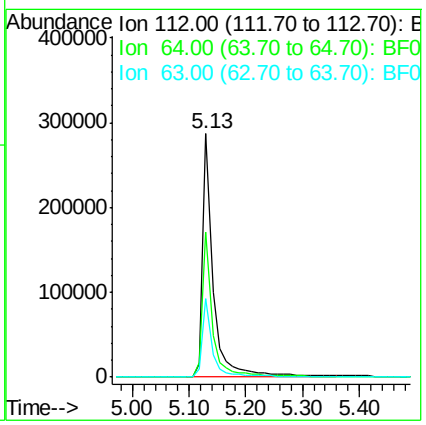


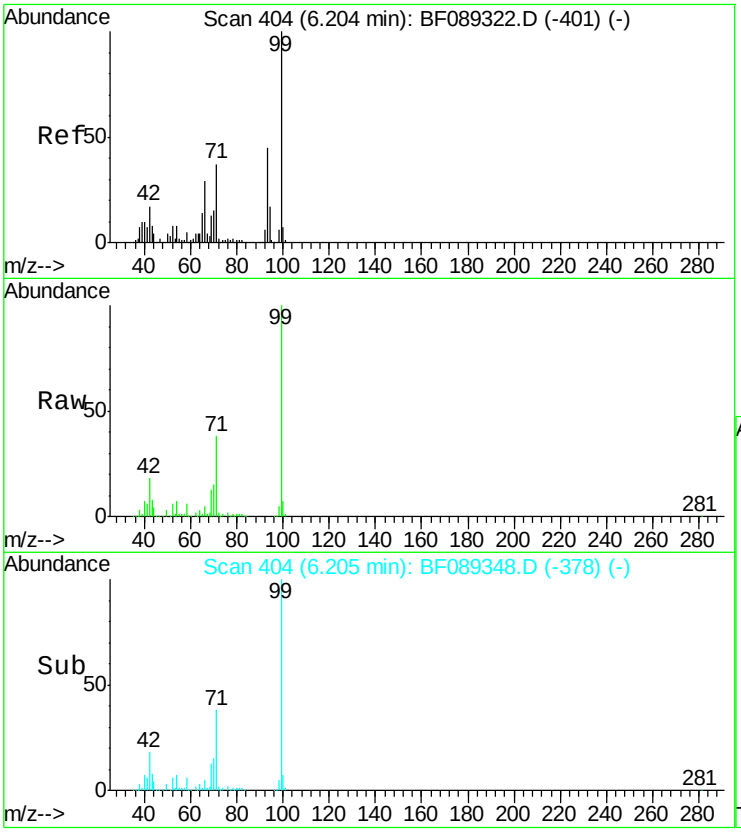


#5
2-Fluorophenol
Concen: 129.24 ng
RT: 5.13 min Scan# 310
Delta R.T. 0.02 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Tgt Ion:112 Resp: 362270

Ion	Ratio	Lower	Upper
112	100		
64	59.7	55.0	82.6
63	32.4	29.4	44.2



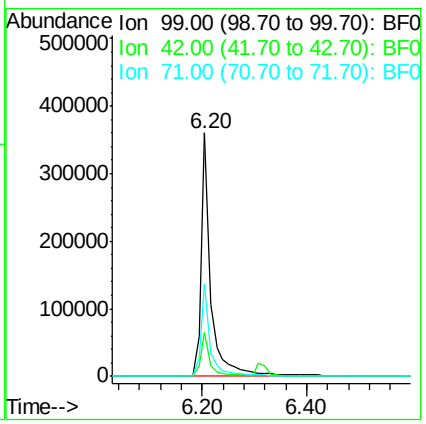


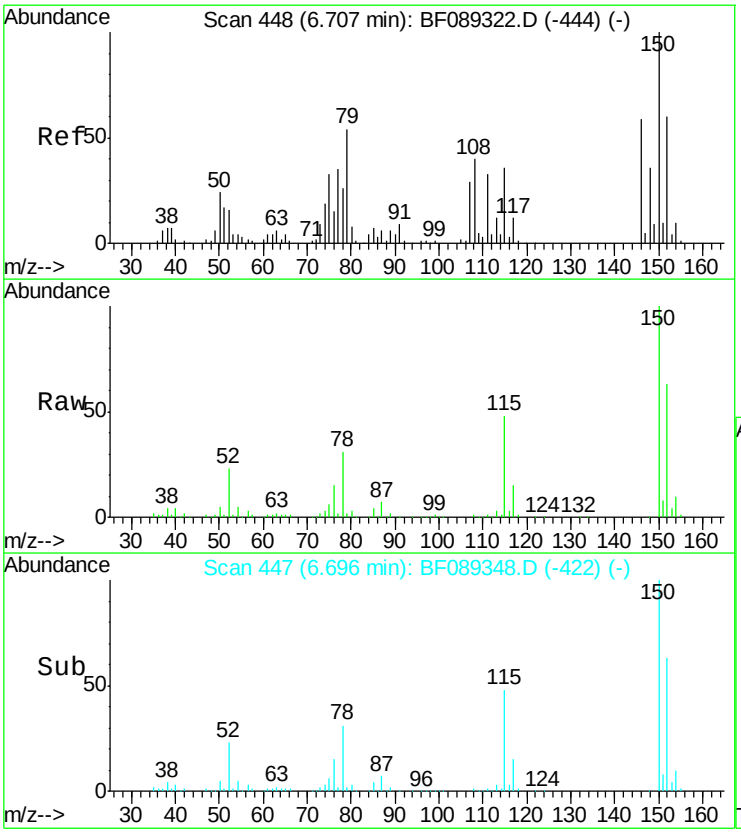
#7
Phenol-d6
Concen: 126.81 ng
RT: 6.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
I-18

Tgt Ion: 99 Resp: 469759

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.6	20.4
71	37.8	29.4	44.2

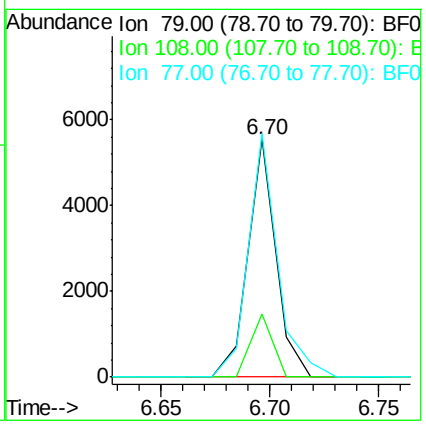


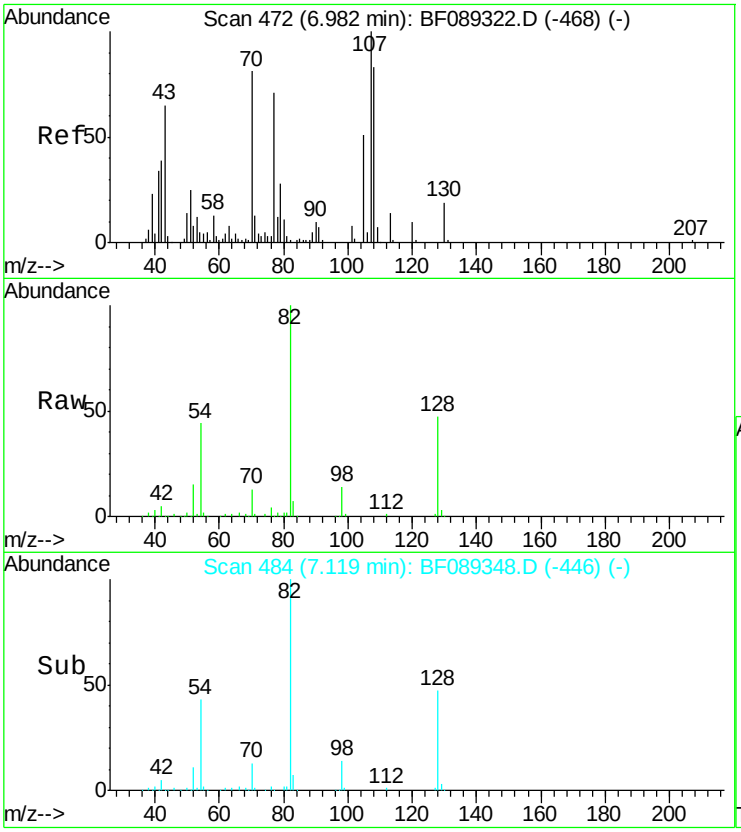


#15
Benzyl Alcohol
Concen: 2.15 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Tgt Ion: 79 Resp: 4946

Ion	Ratio	Lower	Upper
79	100		
108	26.2	59.8	89.6#
77	102.2	51.7	77.5#



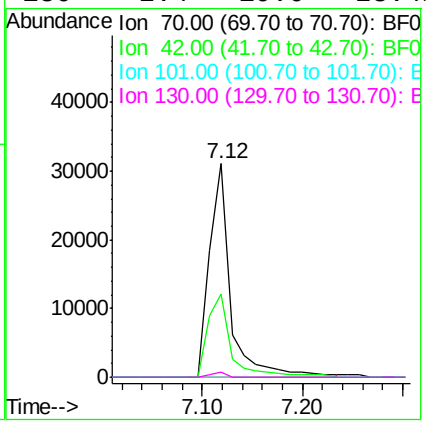


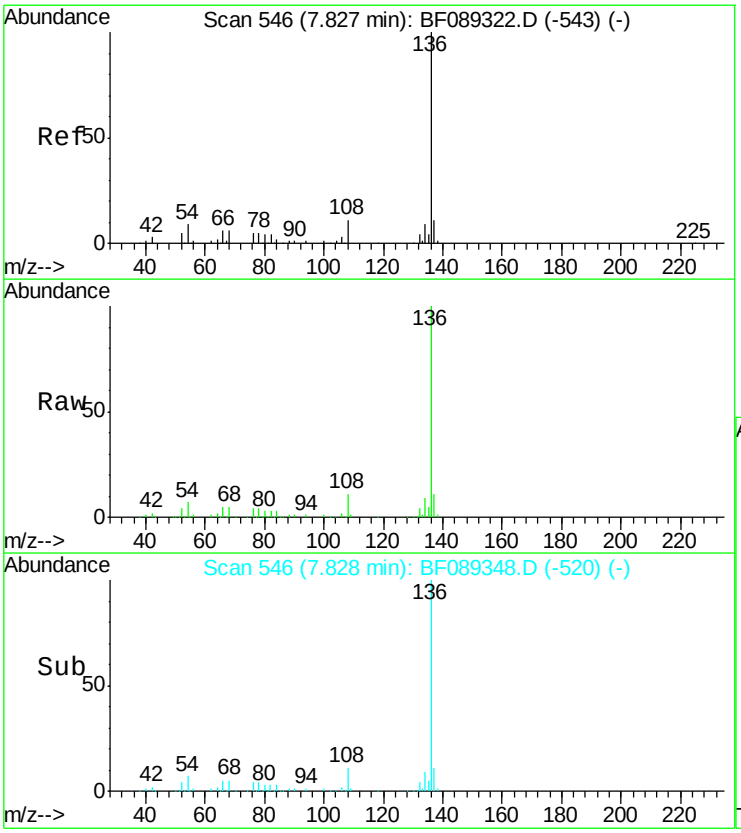
#19
n-Nitroso-di-n-propylamine
Concen: 20.32 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.14 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
I-18

Tgt Ion: 70 Resp: 45401

Ion	Ratio	Lower	Upper
70	100		
42	39.2	38.6	57.8
101	0.0	8.3	12.5#
130	2.4	19.0	28.4#

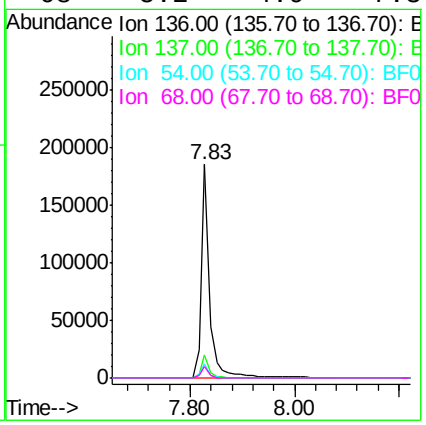


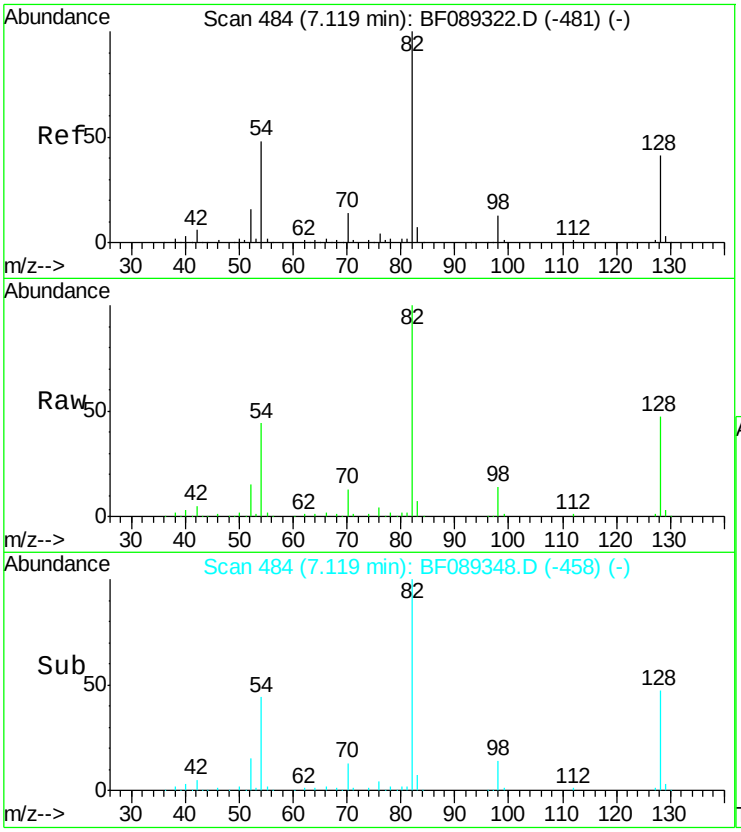


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Tgt Ion:136 Resp: 207334

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.8	7.0	10.4#
68	5.2	4.9	7.3



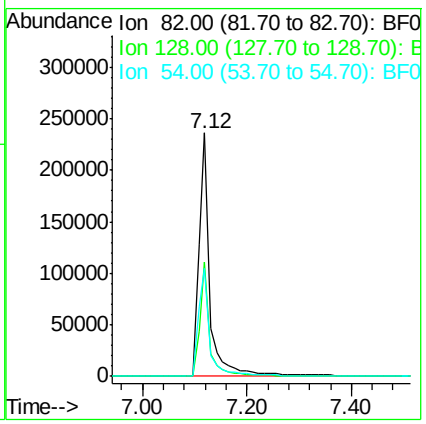


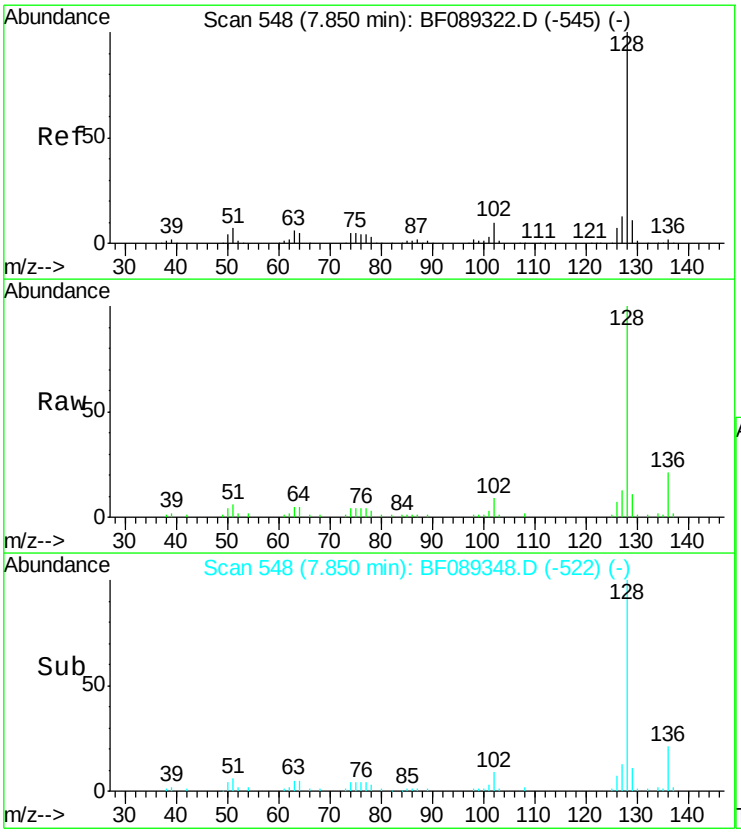
#23
Nitrobenzene-d5
Concen: 98.82 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
I-18

Tgt Ion: 82 Resp: 347133

Ion	Ratio	Lower	Upper
82	100		
128	46.7	32.5	48.7
54	44.1	38.8	58.2

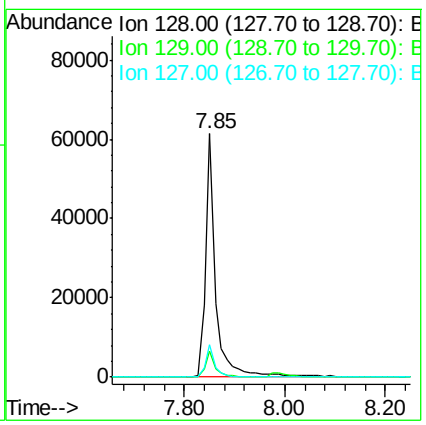


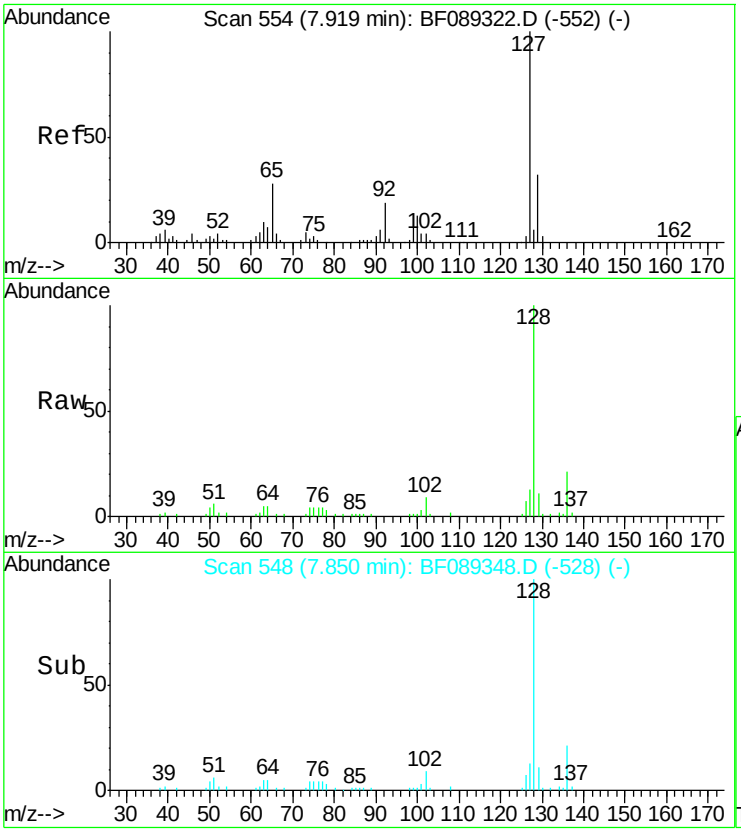


#31
Naphthalene
Concen: 8.31 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Tgt Ion:128 Resp: 85352

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.3	10.8	16.2



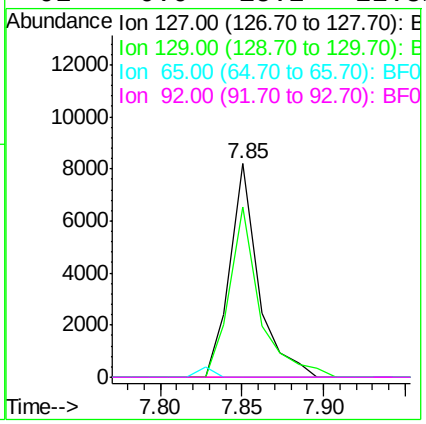


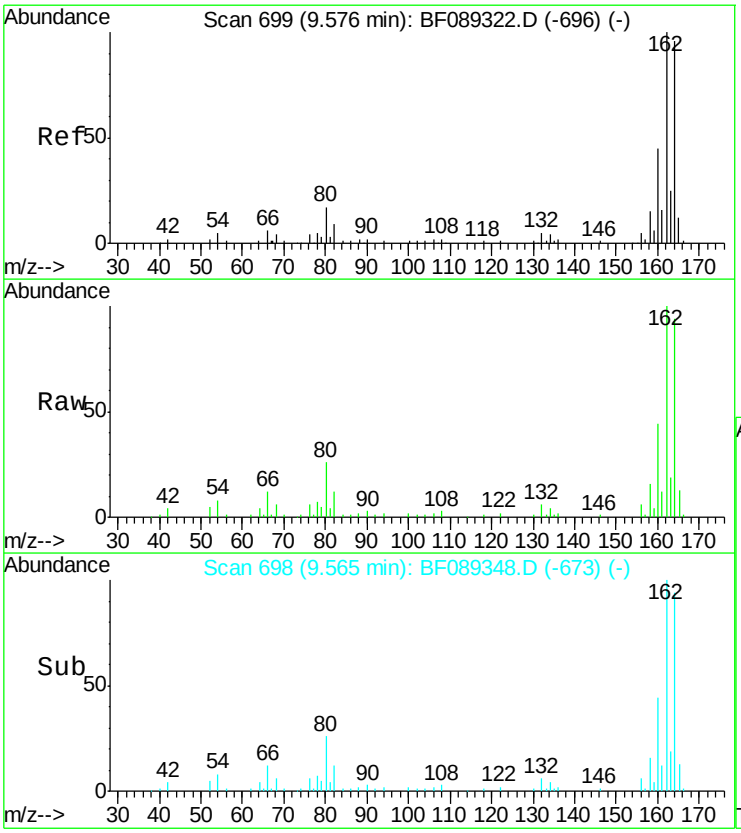
#33
4-Chloroaniline
Concen: 2.56 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.07 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
I-18

Tgt Ion:127 Resp: 9987

Ion	Ratio	Lower	Upper
127	100		
129	79.6	26.1	39.1#
65	0.0	22.0	33.0#
92	0.0	15.2	22.8#

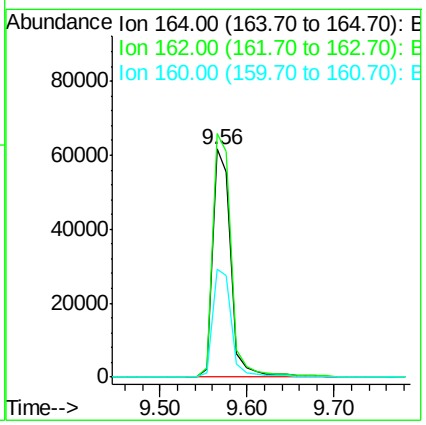


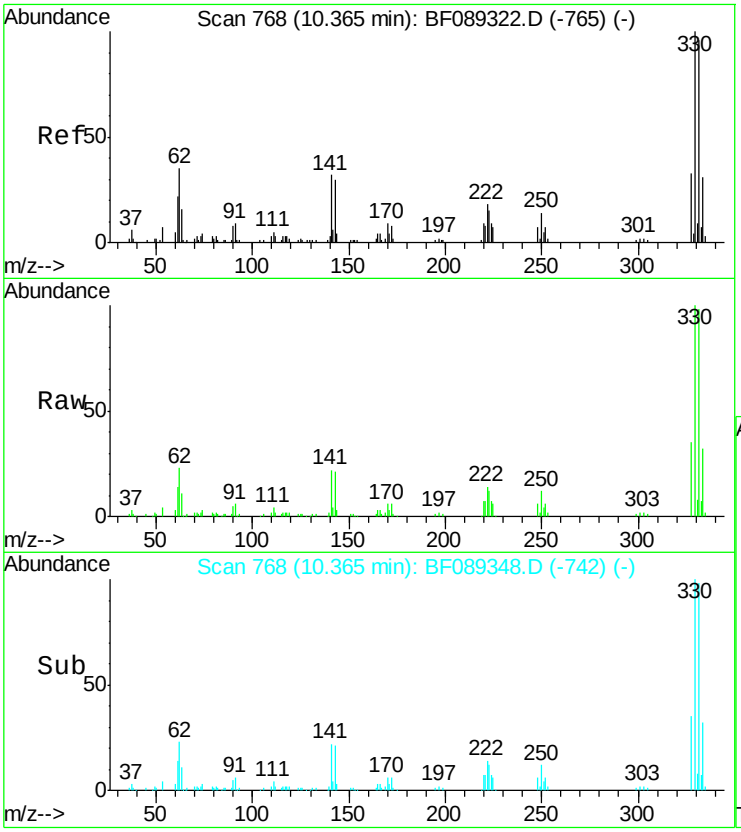


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Tgt Ion:164 Resp: 91366

Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.7	125.5
160	47.2	37.8	56.6



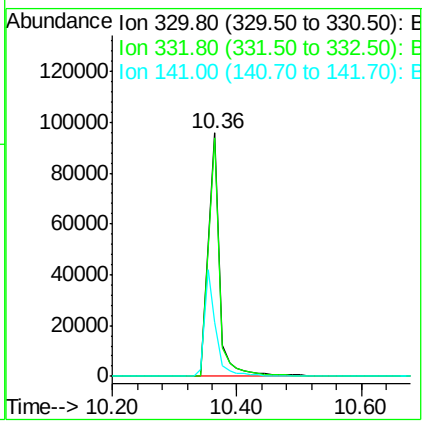


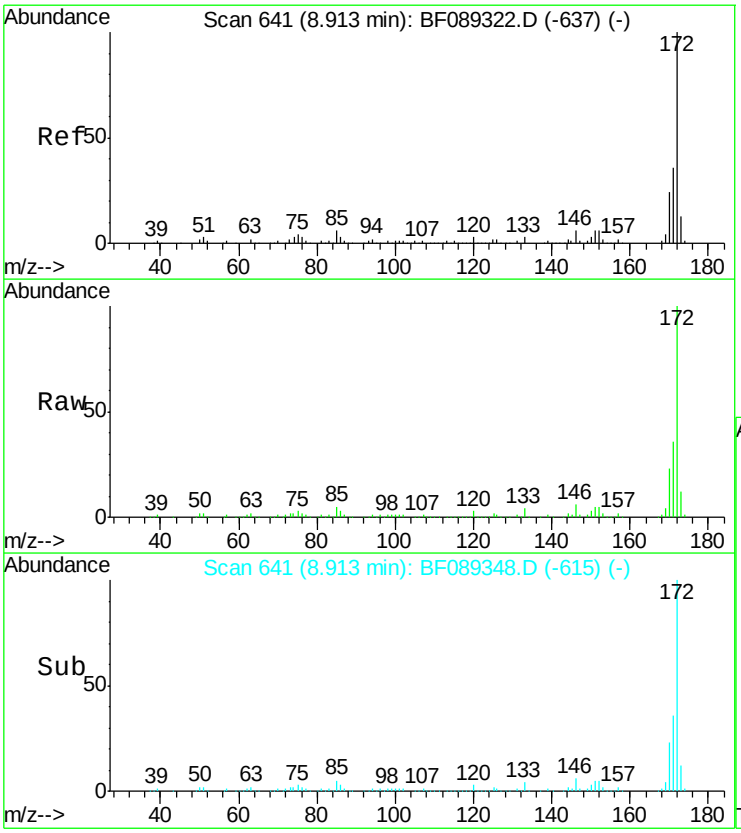
#41
2,4,6-Tribromophenol
Concen: 162.29 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
I-18

Tgt Ion:330 Resp: 122806

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	42.9	37.3	55.9

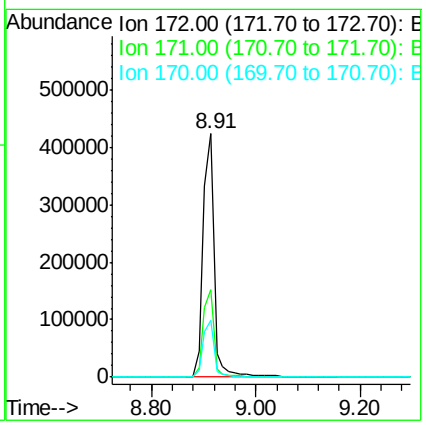


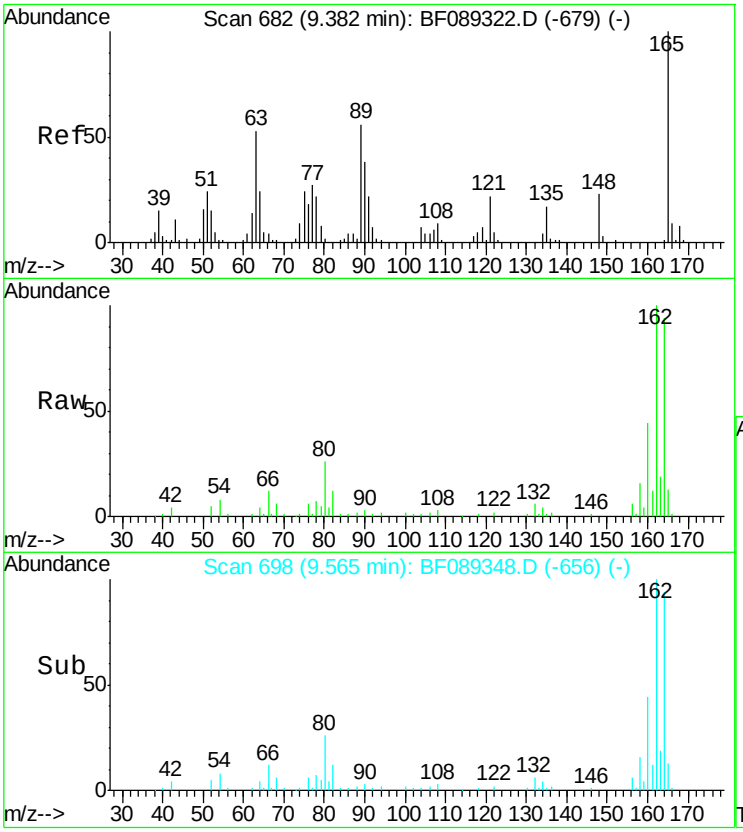


#44
2-Fluorobiphenyl
Concen: 100.87 ng
RT: 8.91 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Tgt Ion:172 Resp: 627953

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.2	19.2	28.8



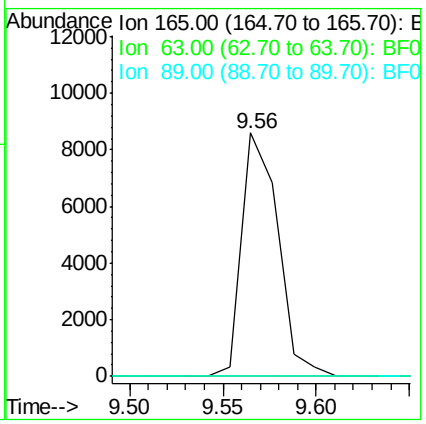


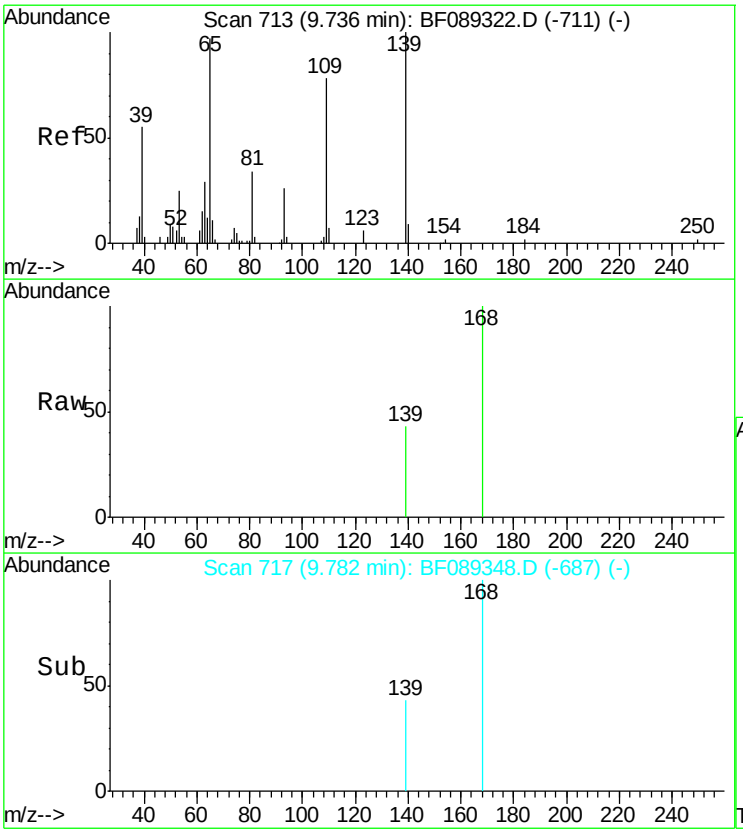
#50
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.18 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
I-18

Tgt Ion:165 Resp: 11582

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

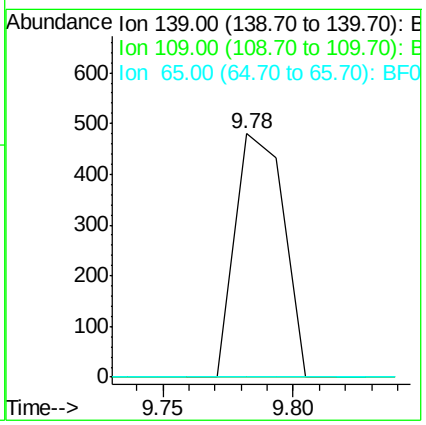


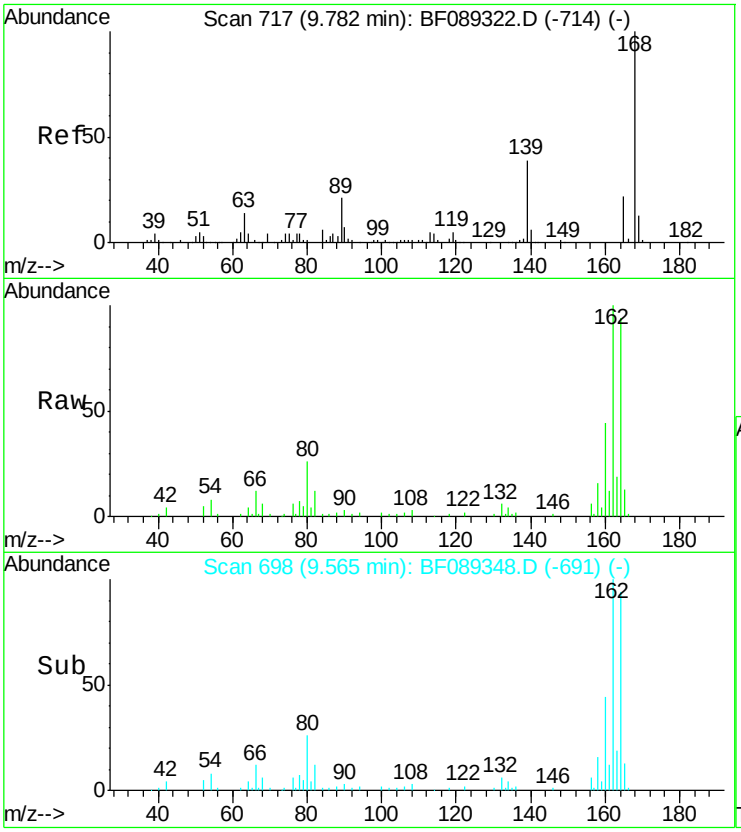


#55
4-Nitrophenol
Concen: 6.97 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.05 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Tgt Ion:139 Resp: 625

Ion	Ratio	Lower	Upper
139	100		
109	0.0	57.8	97.8#
65	0.0	81.7	121.7#



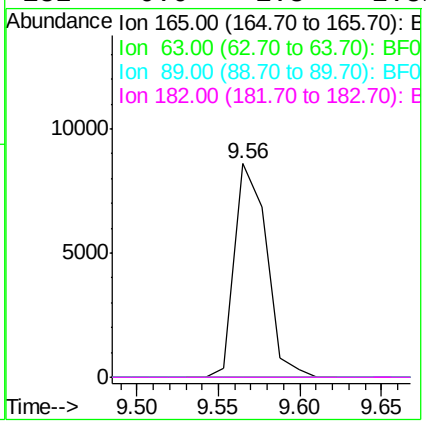


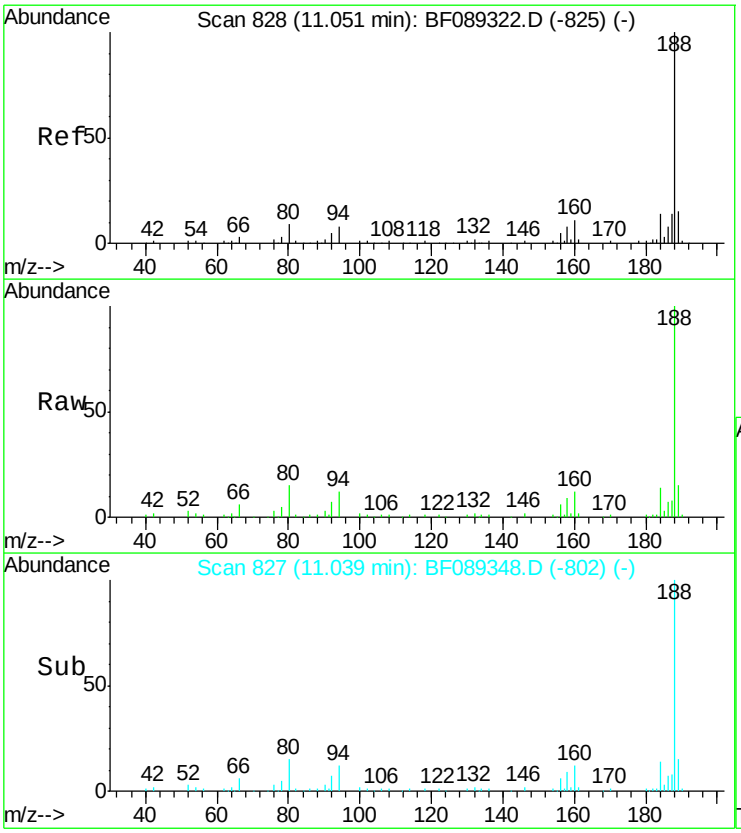
#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.22 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
I-18

Tgt Ion:165 Resp: 11582

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#

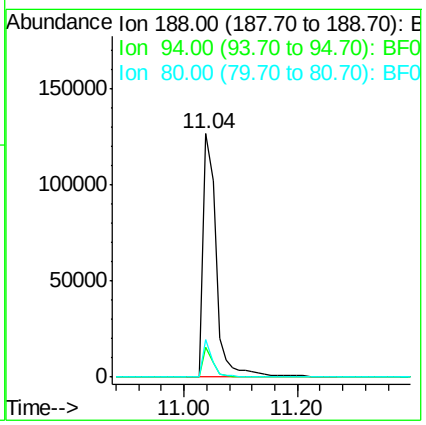


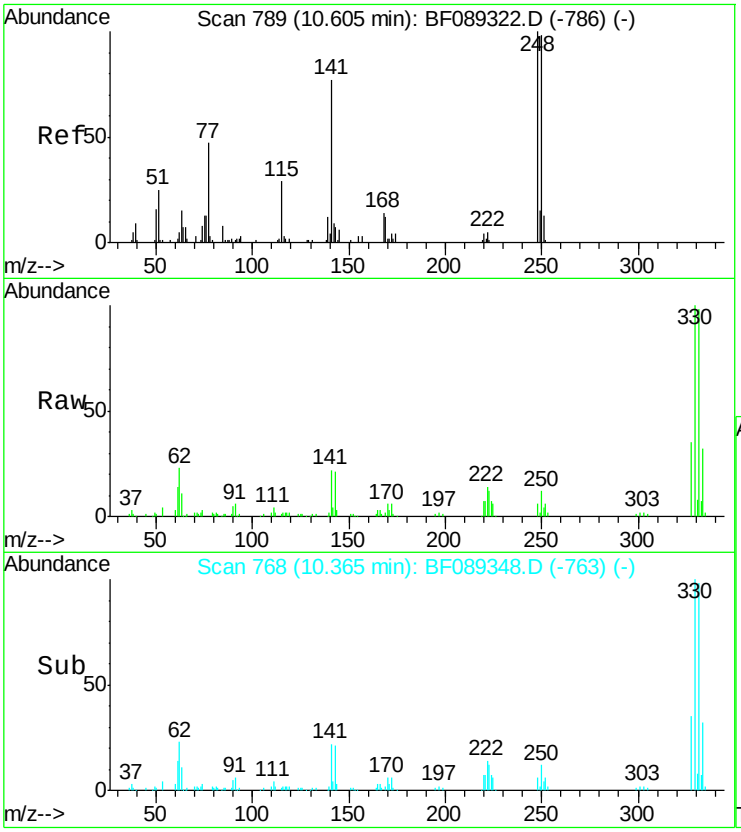


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Tgt Ion:188 Resp: 193799

Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.5	9.7#
80	15.3	7.2	10.8#



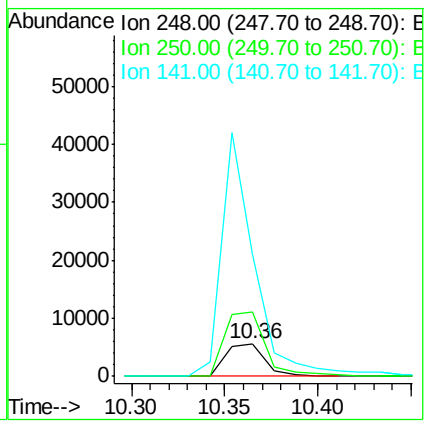


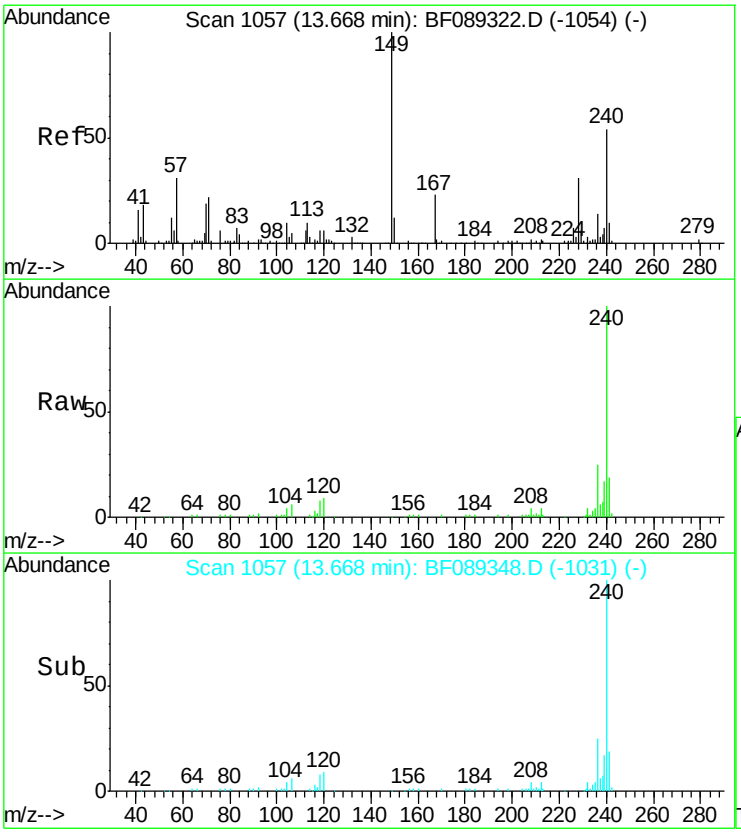
#66
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.24 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
I-18

Tgt Ion:248 Resp: 8367

Ion	Ratio	Lower	Upper
248	100		
250	197.3	78.2	117.2#
141	372.1	62.0	93.0#

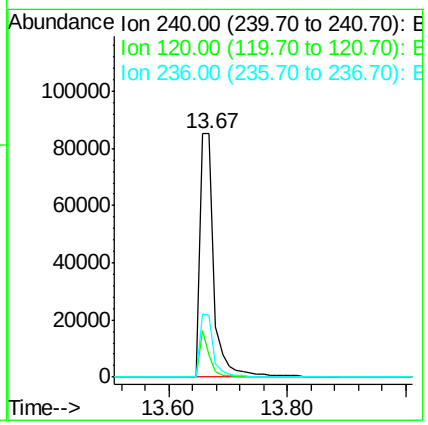


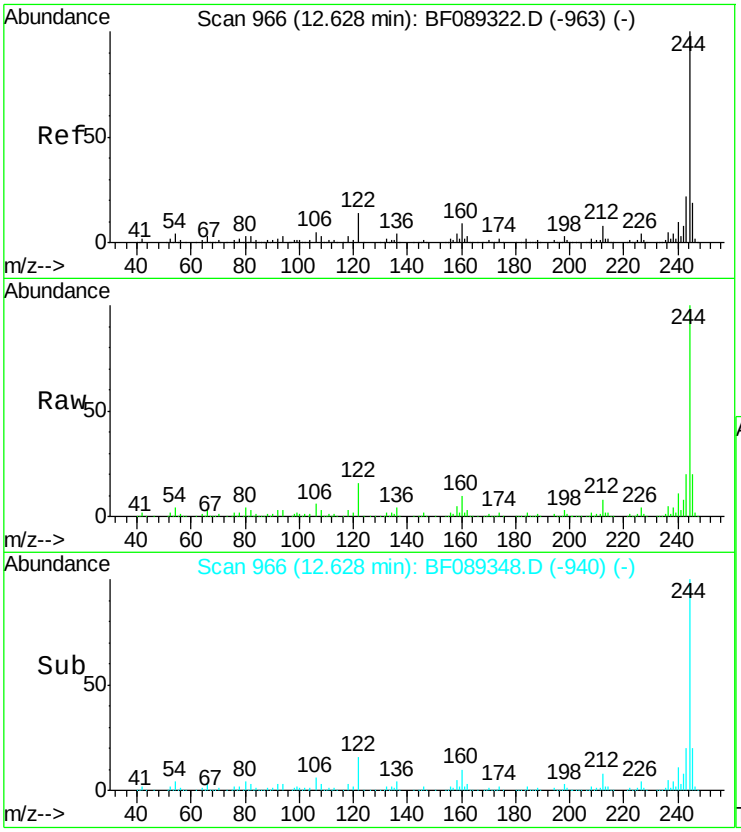


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Tgt Ion:240 Resp: 144917

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.1	13.7#
236	25.3	20.6	30.8



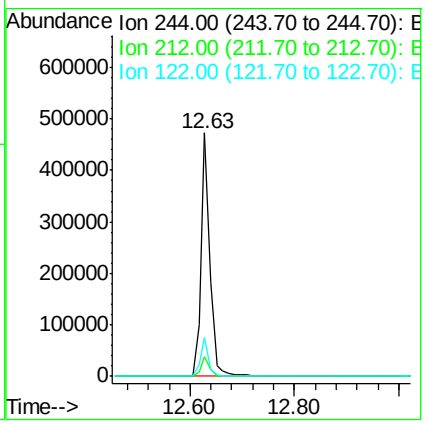


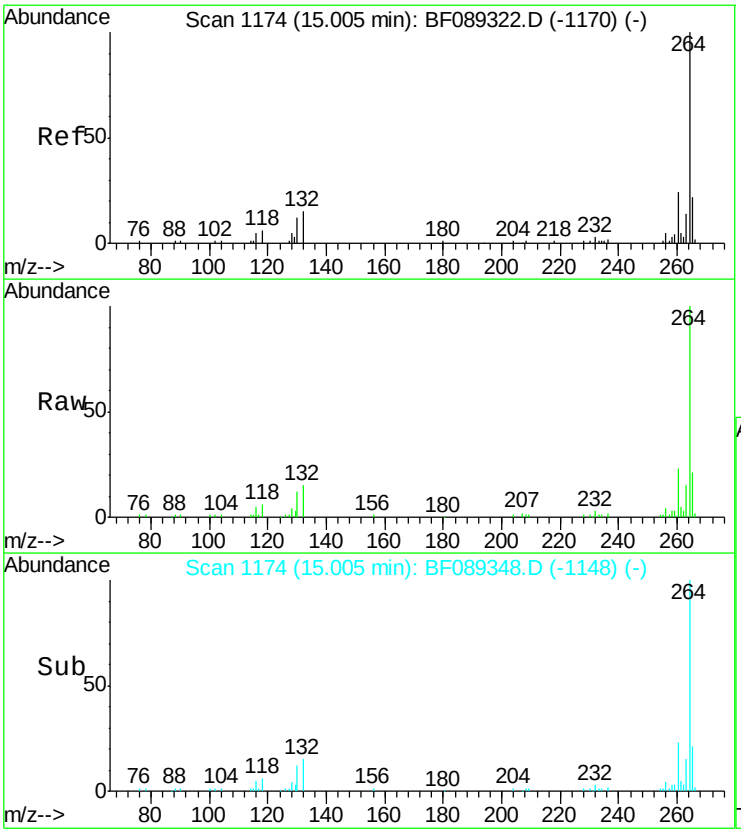
#78
Terphenyl-d14
Concen: 90.63 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
I-18

Tgt Ion:244 Resp: 561152

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	16.0	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Tgt Ion:264 Resp: 108890

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.2	17.5	26.3