Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF110416\
Data File : BF091020.D
Acq On : 4 Nov 2016 12:07
Operator : UM/SJ
Sample : H5509-29
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 04 12:02:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.704	152	176050	20.00	ng		0.00
21) Naphthalene-d8	7.985	136	741219	20.00	ng		-0.01
38) Acenaphthene-d10	9.745	164	405246	20.00	ng		0.00
63) Phenanthrene-d10	11.219	188	652057	20.00	ng		-0.01
75) Chrysene-d12	13.848	240	512787	20.00	ng		-0.01
86) Perylene-d12	15.242	264	391166	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	1251310	117.39	ng		0.01
7) Phenol-d6	6.350	99	1270030	87.78	ng		0.00
23) Nitrobenzene-d5	7.276	82	1623885	119.51	ng		0.00
41) 2,4,6-Tribromophenol	10.533	330	588194	160.55	ng		0.00
44) 2-Fluorobiphenyl	9.070	172	2325539	98.80	ng		0.00
78) Terphenyl-d14	12.819	244	2630097	127.99	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.258	88	15411	2.53	ng	#	81
9) Benzaldehyde	6.476	77	39553	4.93	ng		93
15) Benzyl Alcohol	6.853	79	24408	2.39	ng	#	56
19) n-Nitroso-di-n-propyla...	7.276	70	225012	22.44	ng	#	75
25) Isophorone	7.276	82	1475479	56.35	ng	#	67
32) Benzoic acid	7.745	122	4761	5.59	ng		89
50) 2,6-Dinitrotoluene	9.745	165	51570	9.06	ng	#	11
55) 4-Nitrophenol	9.950	139	5301	6.83	ng	#	1
56) 2,4-Dinitrotoluene	9.745	165	51822	7.15	ng	#	26
66) 4-Bromophenyl-phenylether	10.533	248	39918	5.89	ng	#	1
70) Phenanthrene	11.242	178	157480	4.54	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF110416\
Data File : BF091020.D
Acq On : 4 Nov 2016 12:07
Operator : UM/SJ
Sample : H5509-29
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 04 12:02:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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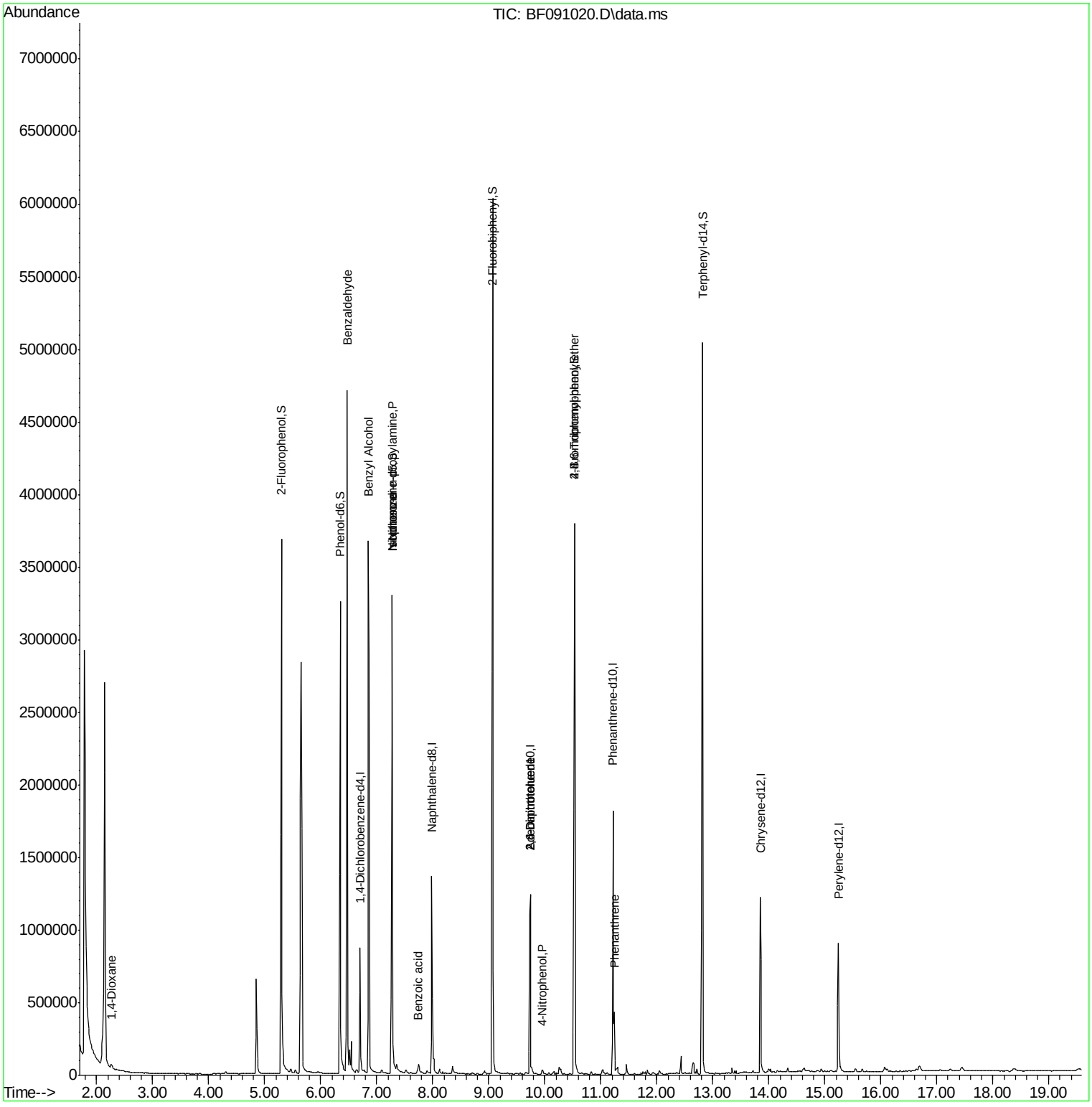
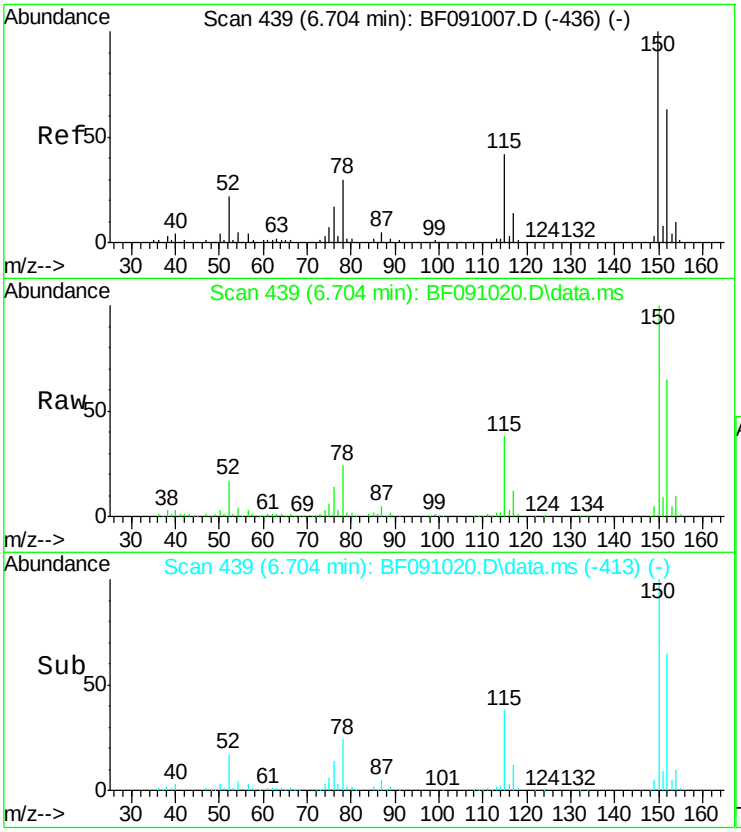


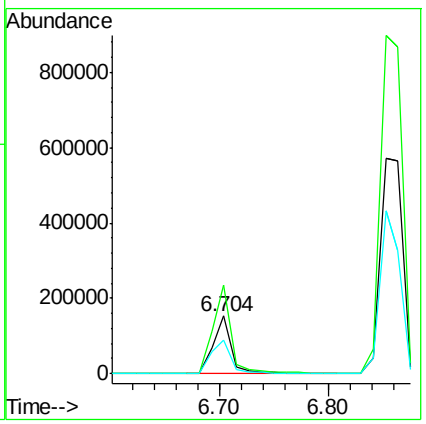


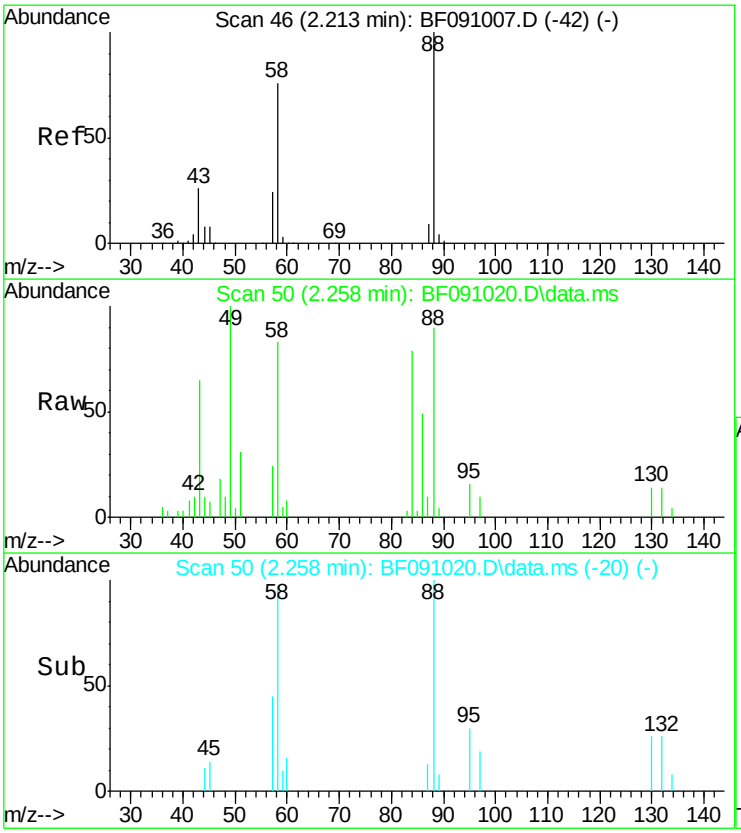
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.704 min Scan# 43
Delta R.T. 0.000 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 176050

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.8	190.2
115	58.4	53.3	79.9

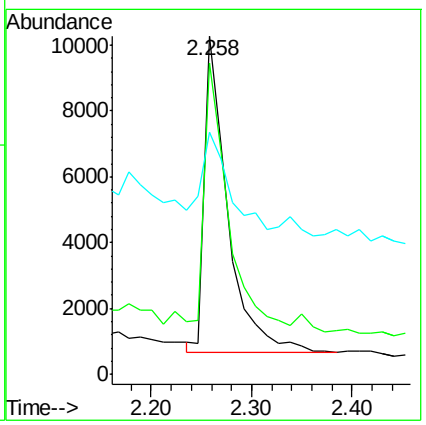


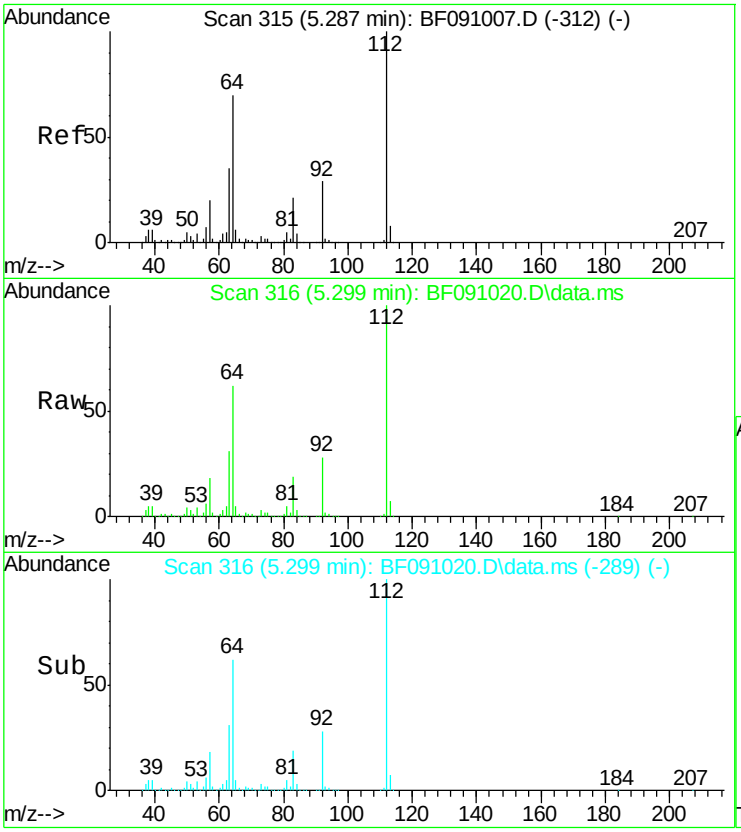


#2
1,4-Dioxane
Concen: 2.53 ng
RT: 2.258 min Scan# 50
Delta R.T. 0.046 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion: 88 Resp: 15411

Ion	Ratio	Lower	Upper
88	100		
58	99.8	63.8	95.6#
43	32.3	22.6	33.8



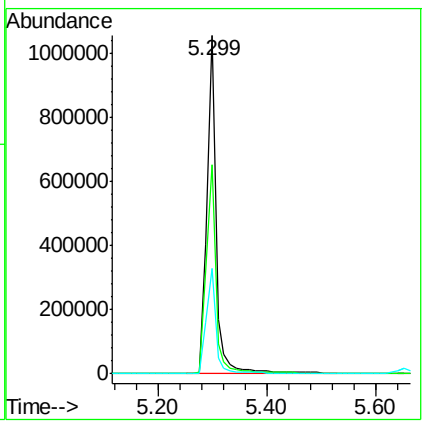


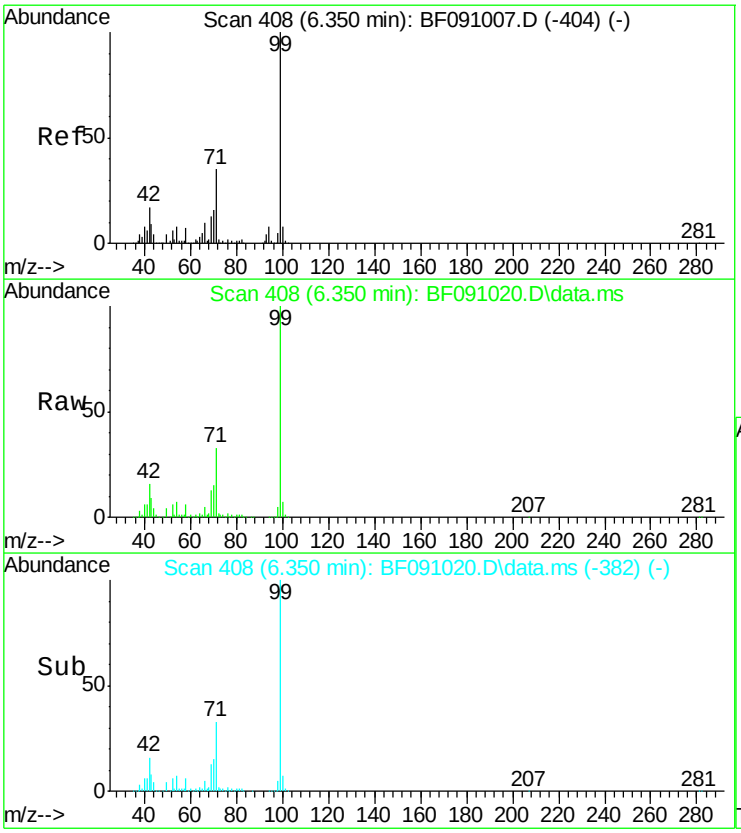
#5
2-Fluorophenol
Concen: 117.39 ng
RT: 5.299 min Scan# 31
Delta R.T. 0.012 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1251310

Ion	Ratio	Lower	Upper
112	100		
64	61.8	55.8	83.6
63	31.3	28.0	42.0

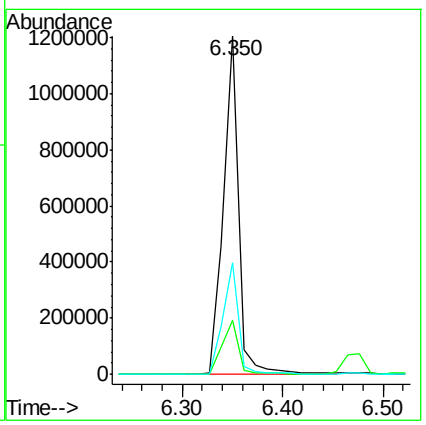


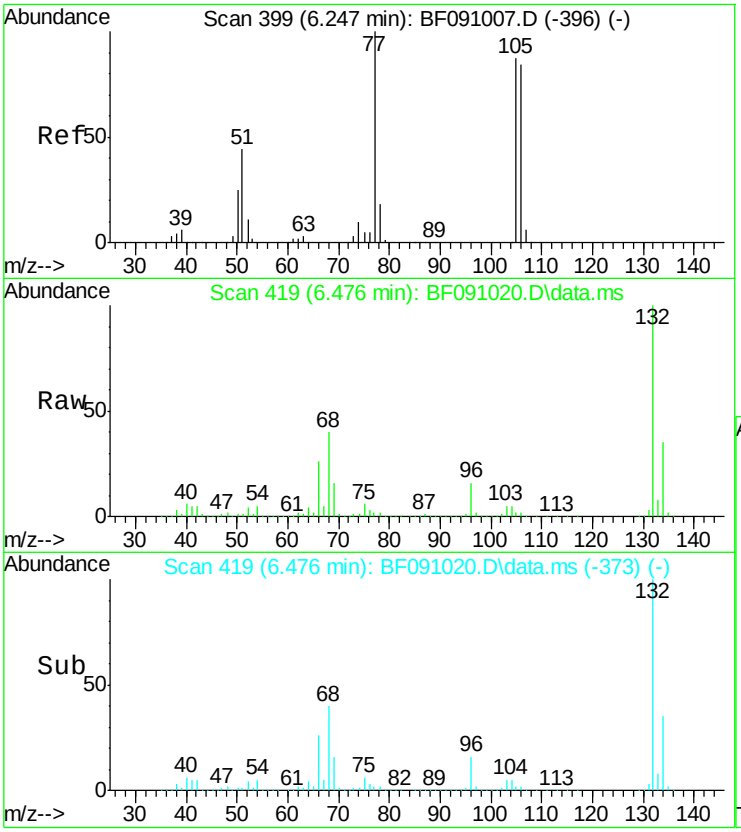


#7
Phenol-d6
Concen: 87.78 ng
RT: 6.350 min Scan# 408
Delta R.T. 0.000 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion: 99 Resp: 1270030

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.9	20.9
71	33.2	27.8	41.8



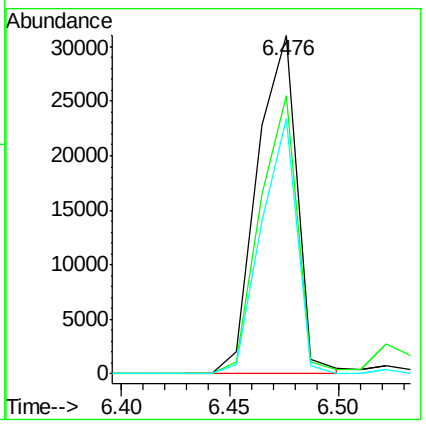


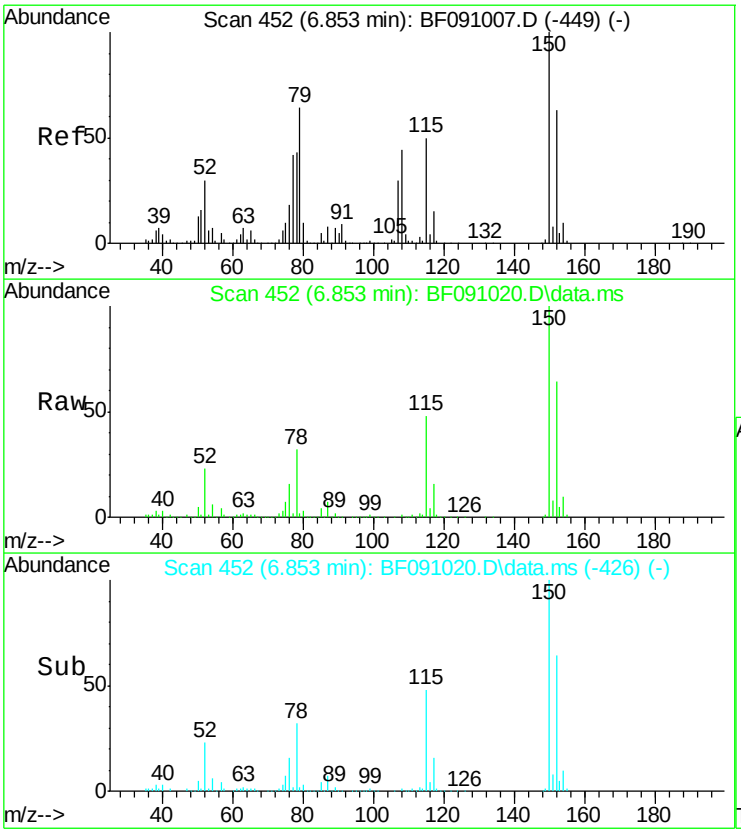
#9
Benzaldehyde
Concen: 4.93 ng
RT: 6.476 min Scan# 41
Delta R.T. 0.229 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 39553

Ion	Ratio	Lower	Upper
77	100		
105	82.0	66.8	106.8
106	75.4	64.0	104.0

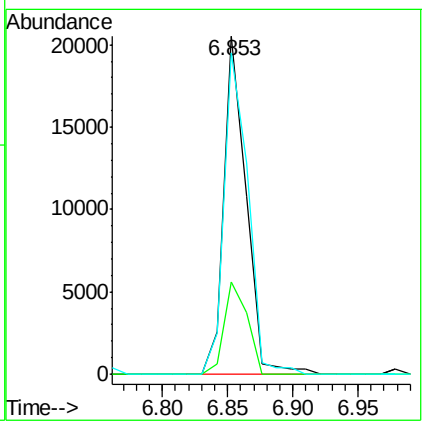


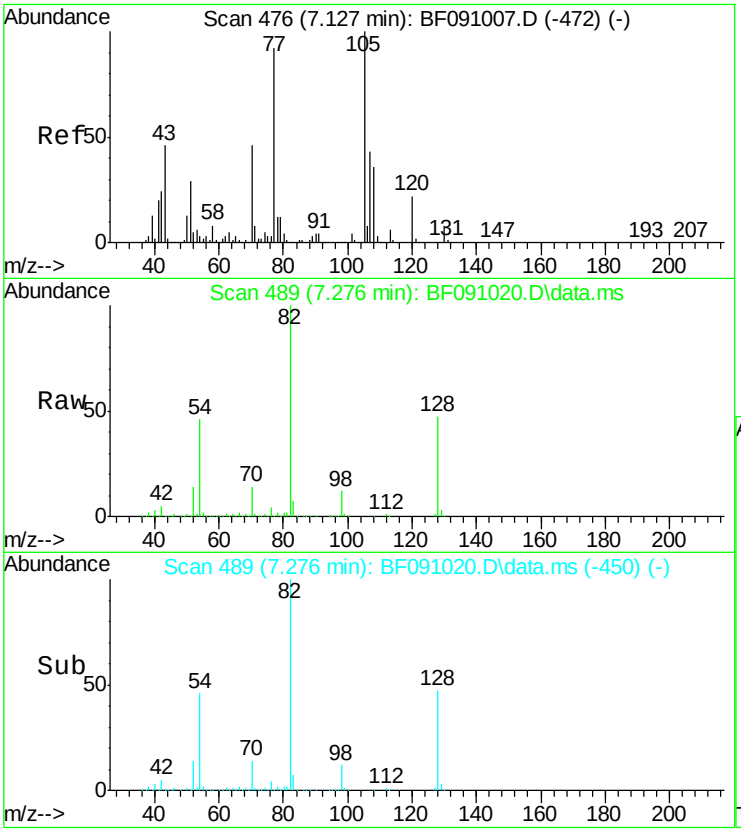


#15
Benzyl Alcohol
Concen: 2.39 ng
RT: 6.853 min Scan# 452
Delta R.T. 0.000 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion: 79 Resp: 24408

Ion	Ratio	Lower	Upper
79	100		
108	27.5	55.7	83.5#
77	95.2	52.6	79.0#



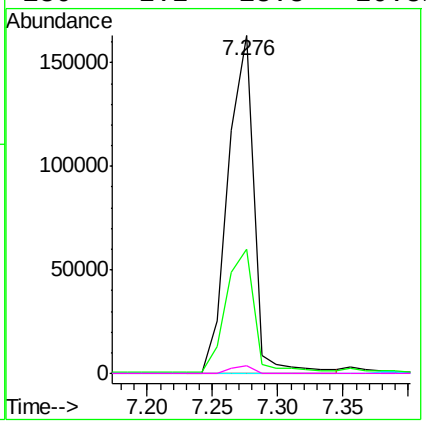


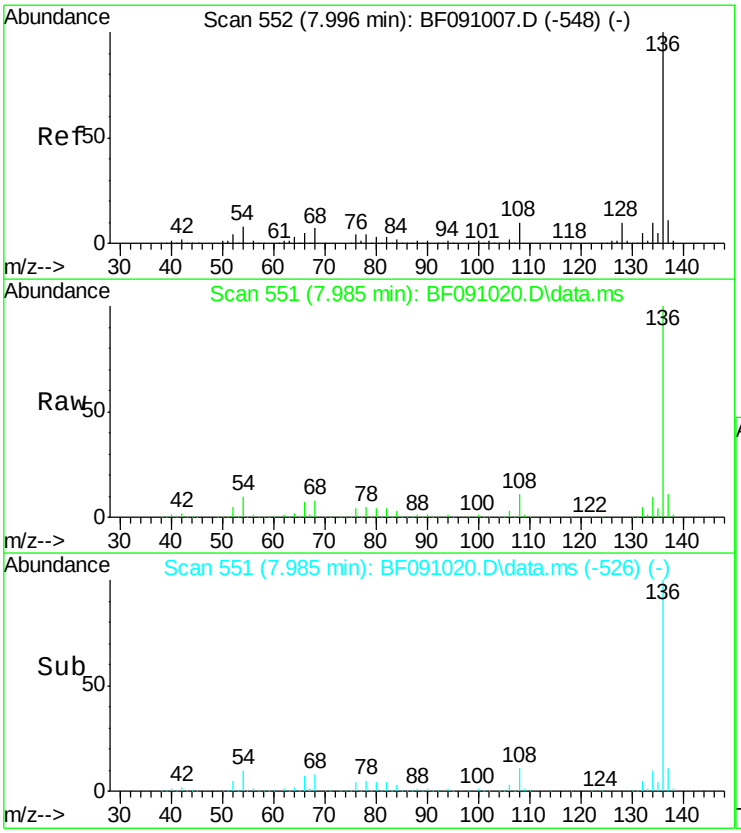
#19
n-Nitroso-di-n-propylamine
Concen: 22.44 ng
RT: 7.276 min Scan# 48
Delta R.T. 0.149 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 225012

Ion	Ratio	Lower	Upper
70	100		
42	37.0	41.7	62.5#
101	0.0	6.7	10.1#
130	2.2	13.8	20.8#

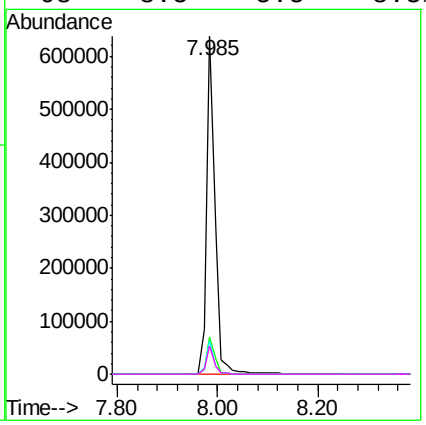


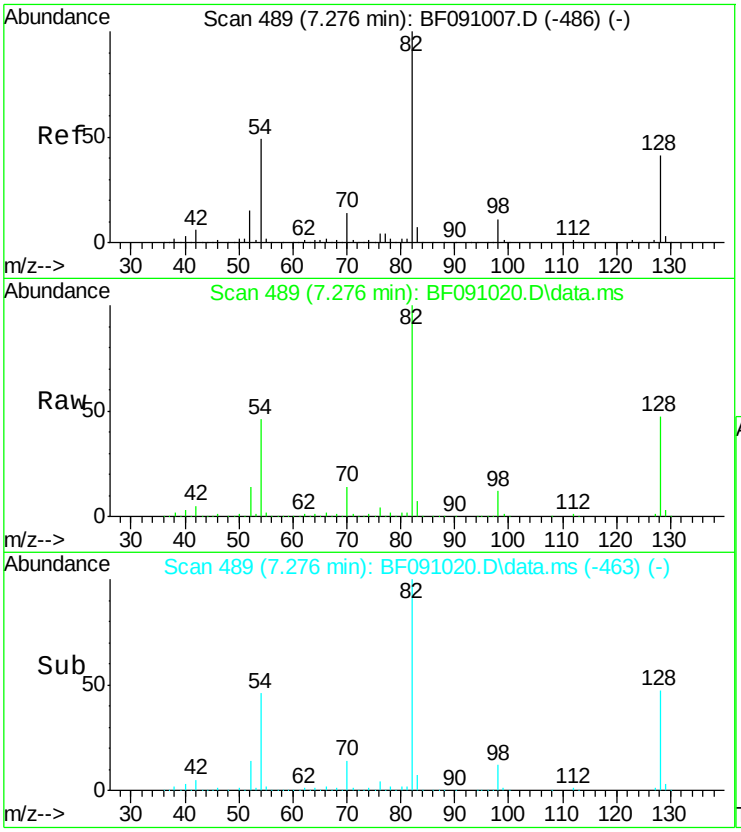


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.985 min Scan# 551
Delta R.T. -0.011 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion:136 Resp: 741219

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.9	6.2	9.2#
68	8.5	5.5	8.3#



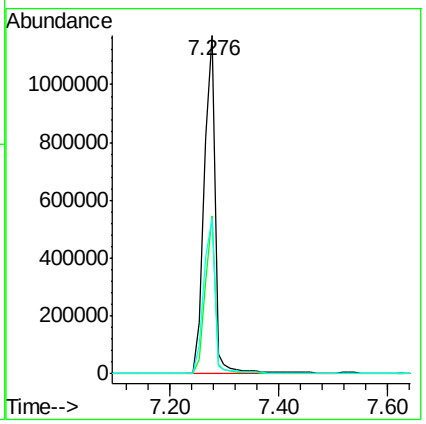


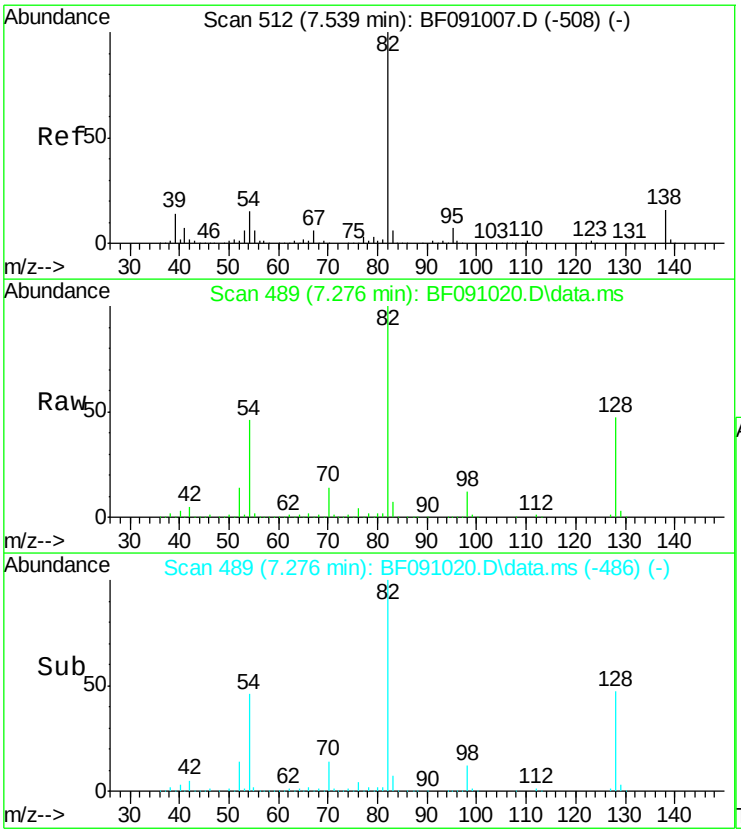
#23
Nitrobenzene-d5
Concen: 119.51 ng
RT: 7.276 min Scan# 48
Delta R.T. 0.000 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1623885

Ion	Ratio	Lower	Upper
82	100		
128	46.7	32.4	48.6
54	45.8	39.2	58.8

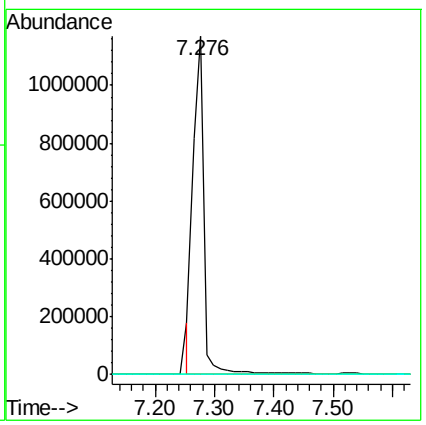


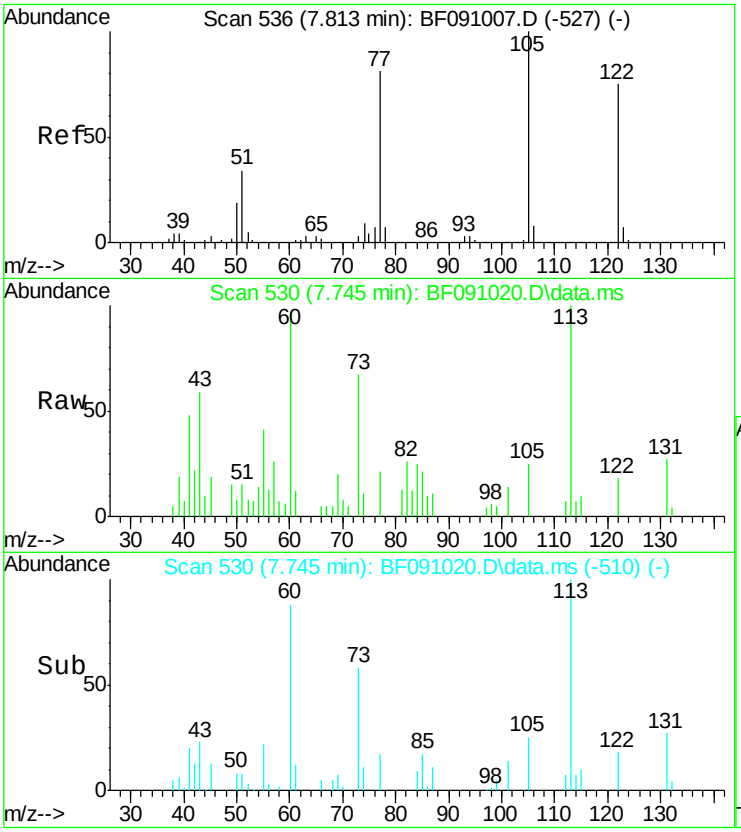


#25
Isophorone
Concen: 56.35 ng
RT: 7.276 min Scan# 489
Delta R.T. -0.263 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion: 82 Resp: 1475479

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#



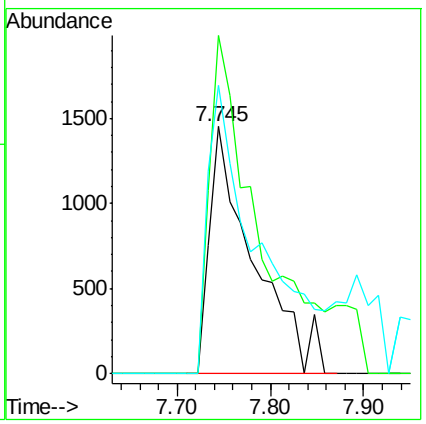


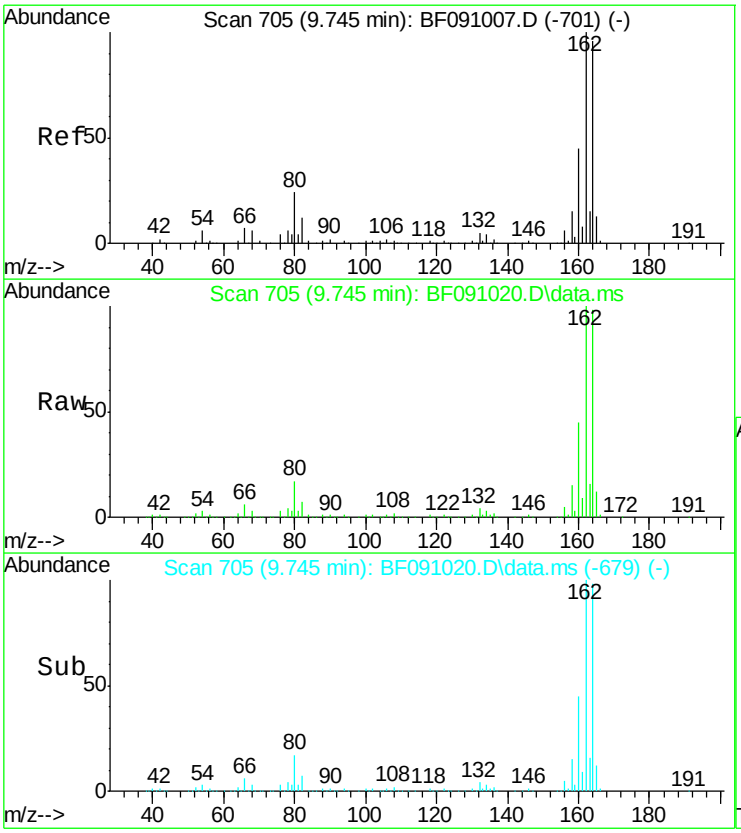
#32
Benzoic acid
Concen: 5.59 ng
RT: 7.745 min Scan# 53
Delta R.T. -0.068 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 4761

Ion	Ratio	Lower	Upper
122	100		
105	137.0	105.9	145.9
77	116.6	84.0	124.0

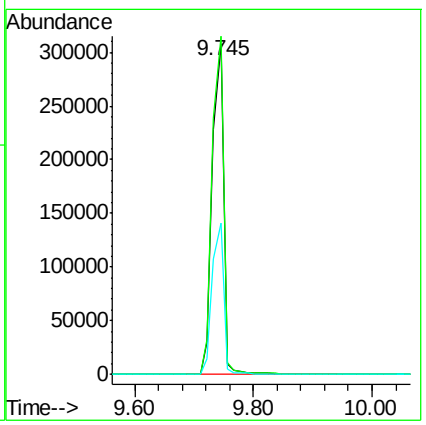


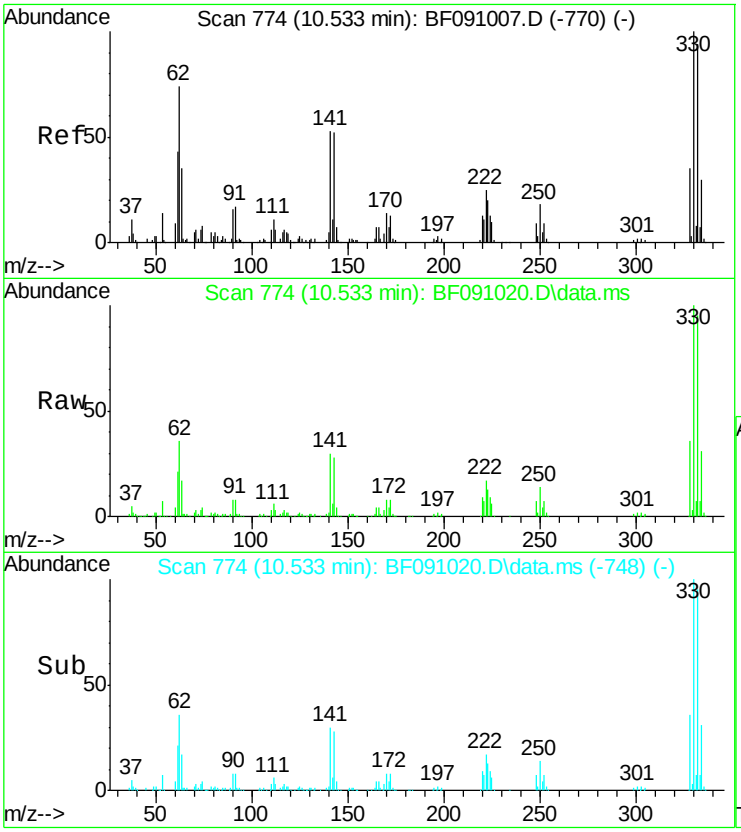


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 705
Delta R.T. 0.000 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion:164 Resp: 405246

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.6	125.4
160	45.7	37.9	56.9



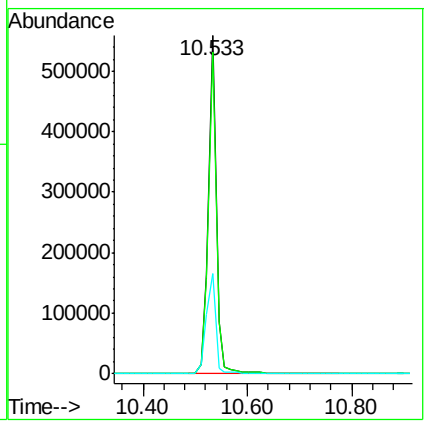


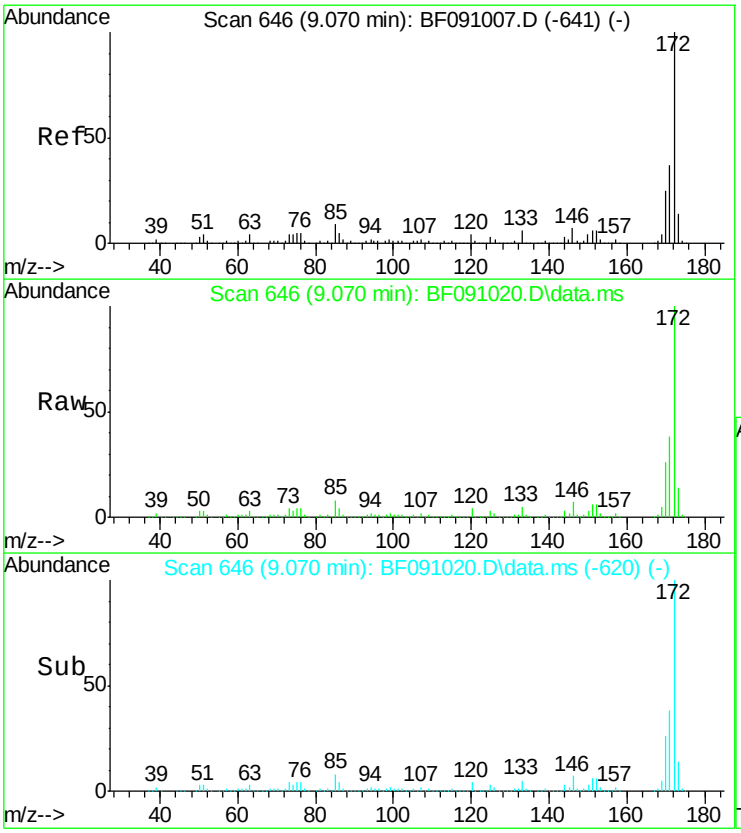
#41
2,4,6-Tribromophenol
Concen: 160.55 ng
RT: 10.533 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 588194

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.9	113.9
141	35.0	36.1	54.1#

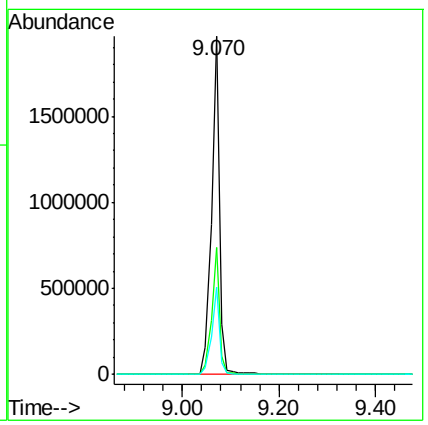


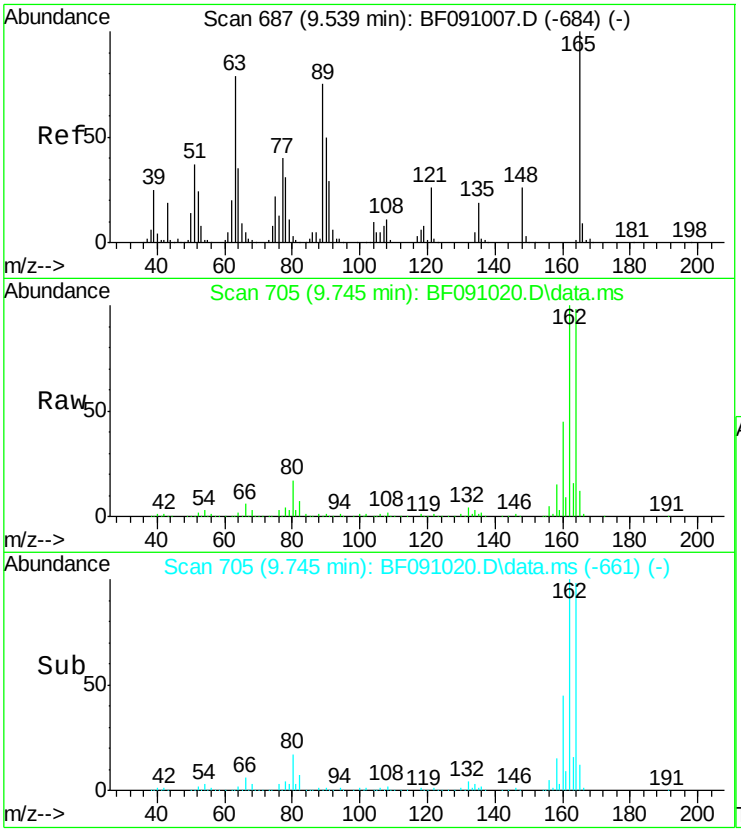


#44
2-Fluorobiphenyl
Concen: 98.80 ng
RT: 9.070 min Scan# 646
Delta R.T. 0.000 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion:172 Resp: 2325539

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.6	20.3	30.5



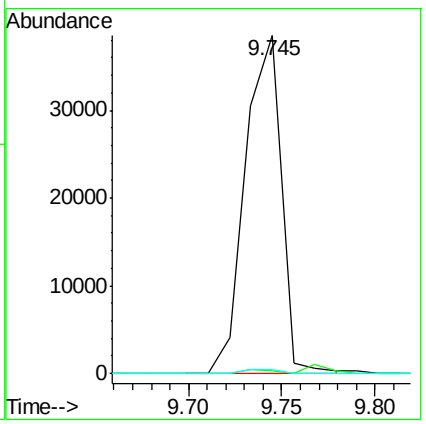


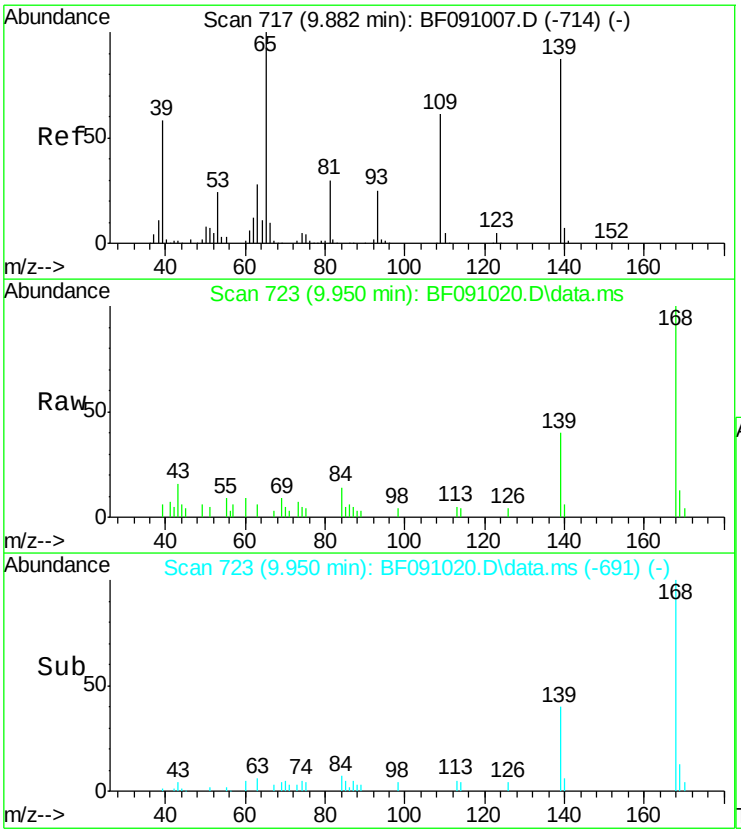
#50
2,6-Dinitrotoluene
Concen: 9.06 ng
RT: 9.745 min Scan# 70
Delta R.T. 0.206 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 51570

Ion	Ratio	Lower	Upper
165	100		
63	0.9	65.6	98.4#
89	1.0	59.8	89.6#

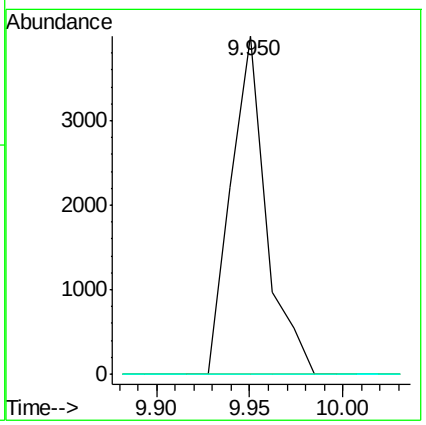


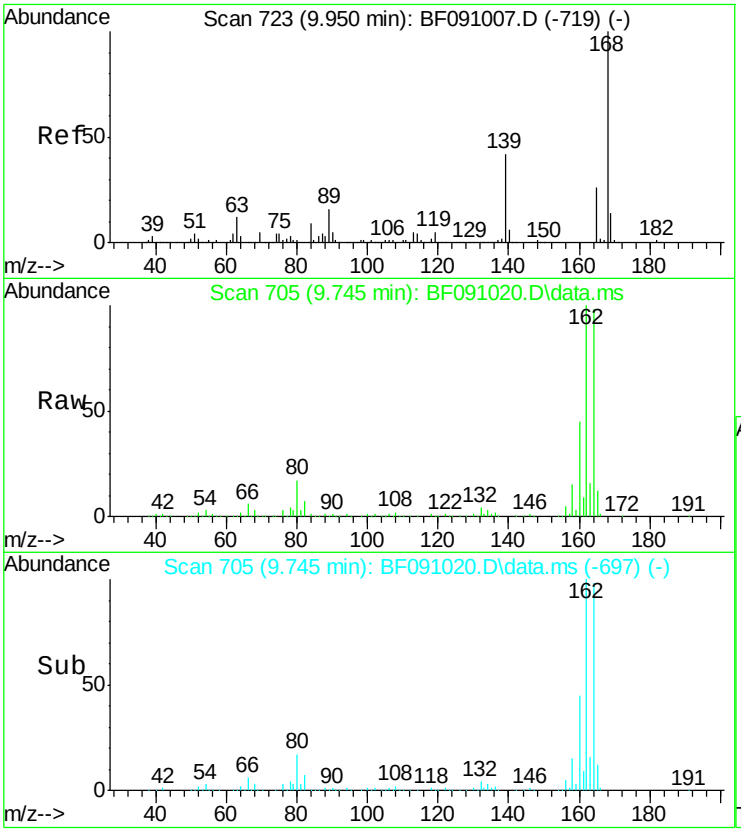


#55
4-Nitrophenol
Concen: 6.83 ng
RT: 9.950 min Scan# 723
Delta R.T. 0.069 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion:139 Resp: 5301

Ion	Ratio	Lower	Upper
139	100		
109	0.0	50.5	90.5#
65	0.0	97.1	137.1#



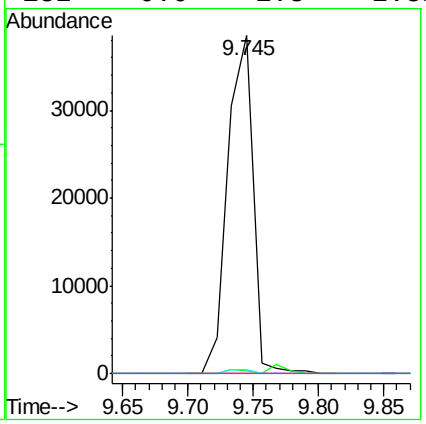


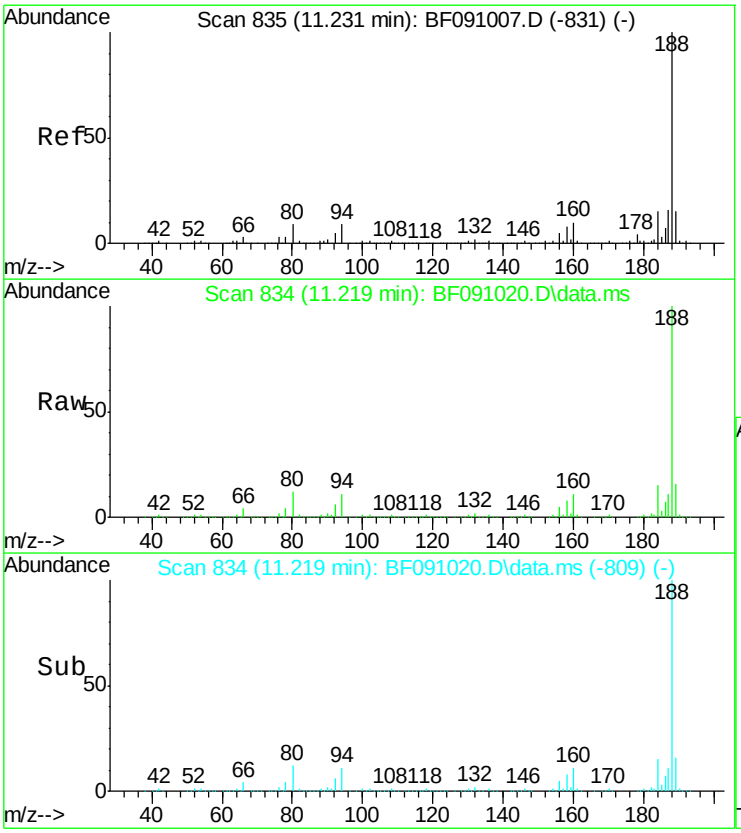
#56
2,4-Dinitrotoluene
Concen: 7.15 ng
RT: 9.745 min Scan# 70
Delta R.T. -0.206 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 51822

Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.7	58.1#
89	1.0	50.6	76.0#
182	0.0	1.8	2.8#

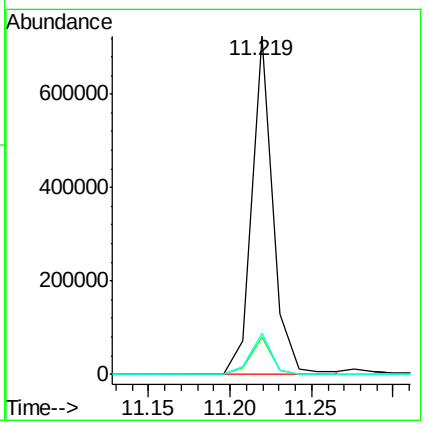


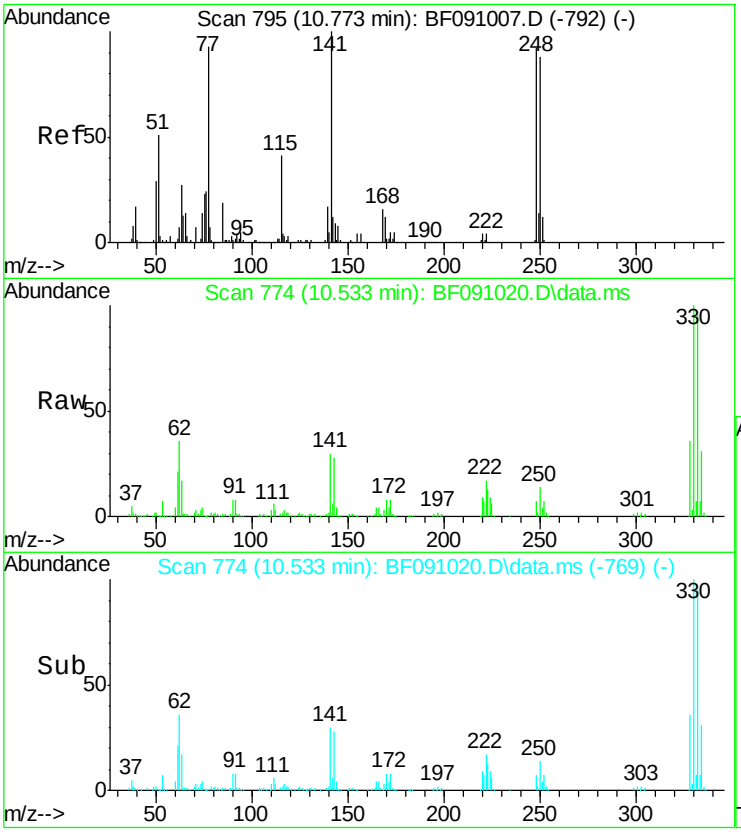


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.219 min Scan# 834
Delta R.T. -0.011 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion:188 Resp: 652057

Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.0	10.4#
80	12.1	7.5	11.3#



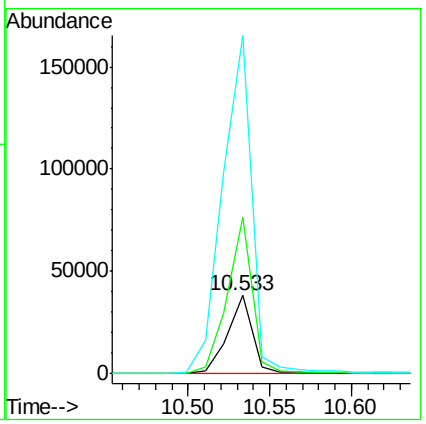


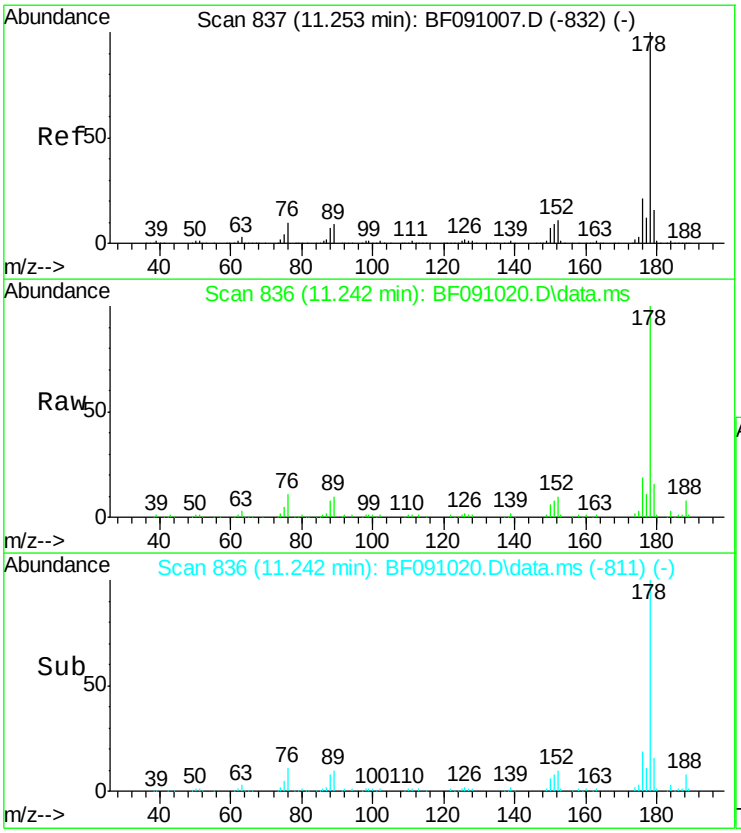
#66
4-Bromophenyl-phenylether
Concen: 5.89 ng
RT: 10.533 min Scan# 77
Delta R.T. -0.240 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 39918

Ion	Ratio	Lower	Upper
248	100		
250	201.3	76.3	114.5#
141	434.8	86.8	130.2#

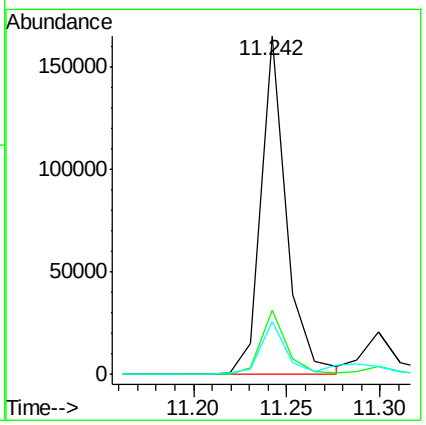


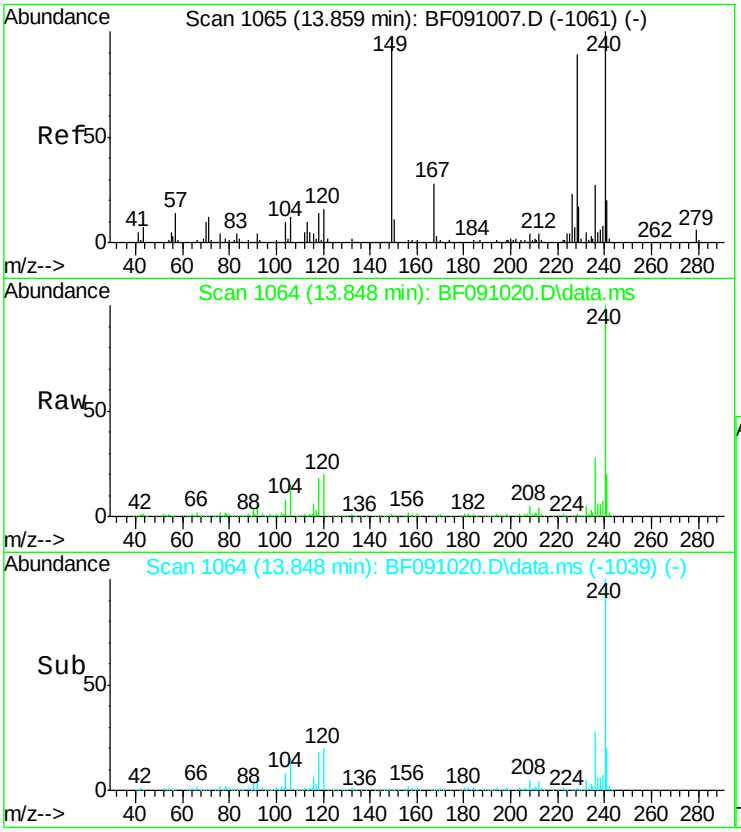


#70
Phenanthrene
Concen: 4.54 ng
RT: 11.242 min Scan# 836
Delta R.T. -0.011 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion:178 Resp: 157480

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.6	25.0
179	15.5	12.9	19.3



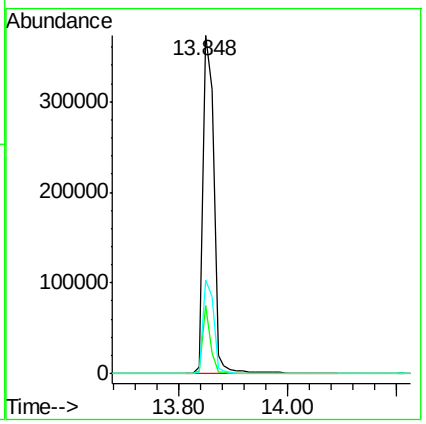


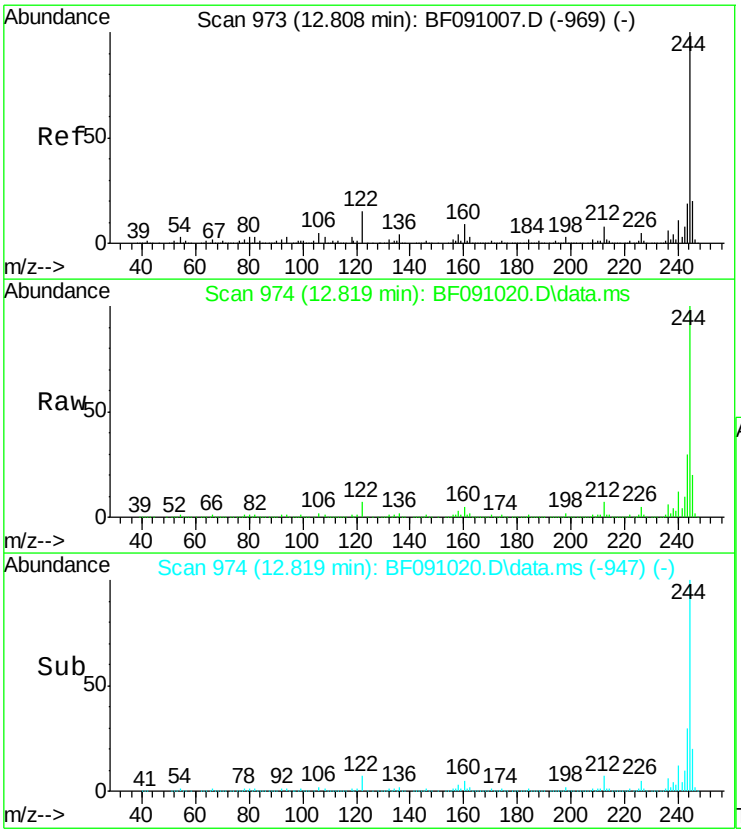
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.848 min Scan# 10
Delta R.T. -0.011 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 512787

Ion	Ratio	Lower	Upper
240	100		
120	20.1	12.9	19.3#
236	27.5	21.9	32.9

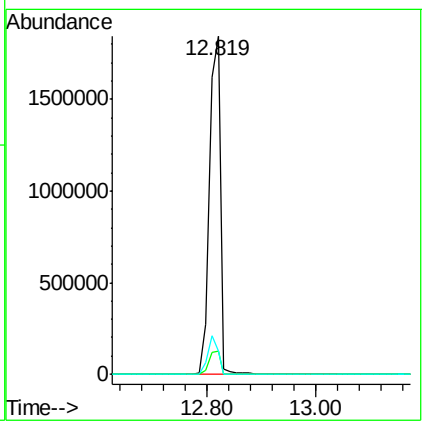


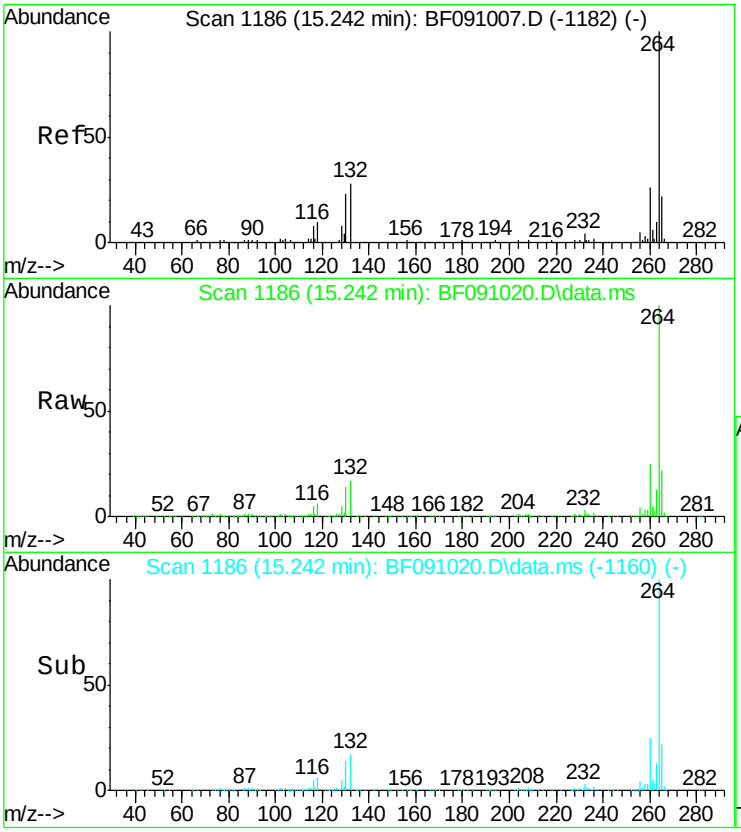


#78
Terphenyl-d14
Concen: 127.99 ng
RT: 12.819 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Tgt Ion:244 Resp: 2630097

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.4	9.6
122	7.0	12.3	18.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.242 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF091020.D
Acq: 4 Nov 2016 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 391166

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	21.6	17.8	26.8