Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
Data File : BF087292.D
Acq On : 22 May 2016 15:50
Operator : UM/SJ
Sample : H3172-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Time: May 23 03:38:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 01:56:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	117784	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	490958	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	232844	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	379197	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	260610	20.00	ng	-0.01
86) Perylene-d12	15.05	264	217695	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	561486	80.13	ng	0.01
7) Phenol-d6	6.23	99	503484	53.57	ng	0.00
23) Nitrobenzene-d5	7.14	82	1050985	106.69	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	360579	140.14	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1501447	106.79	ng	0.00
78) Terphenyl-d14	12.65	244	1159456	100.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.70	88	101124	28.05	ng	# 22
9) Benzaldehyde	6.33	77	27697	4.12	ng	# 76
19) n-Nitroso-di-n-propylamine	7.14	70	151684	21.23	ng	# 82
50) 2,6-Dinitrotoluene	9.59	165	30672	7.95	ng	# 21
55) 4-Nitrophenol	9.78	139	336	Below Cal		# 1
56) 2,4-Dinitrotoluene	9.59	165	30673	6.21	ng	# 17
66) 4-Bromophenyl-phenylether	10.39	248	23149	5.94	ng	# 1

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

Quantitation Report (Not Reviewed)

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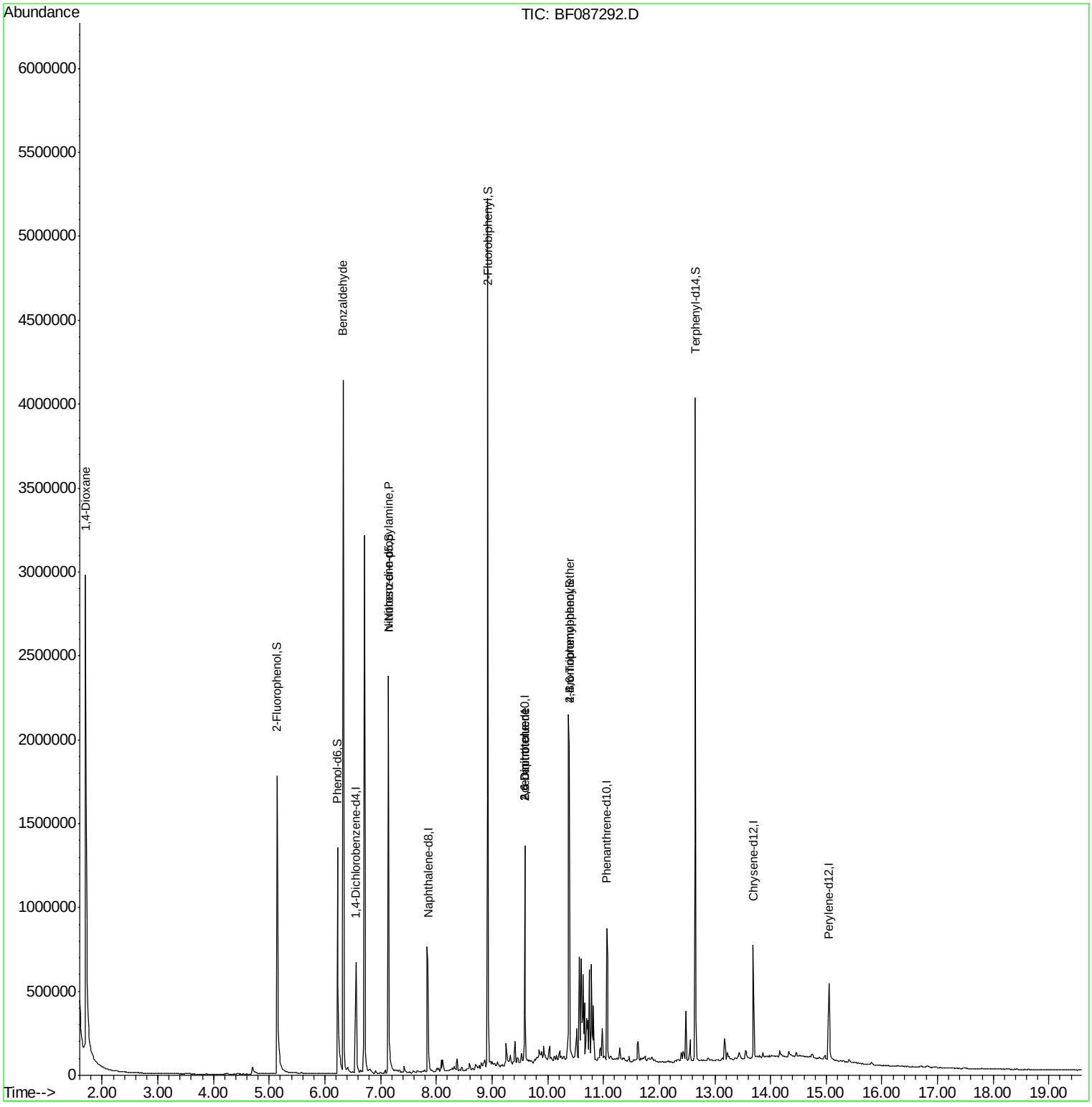
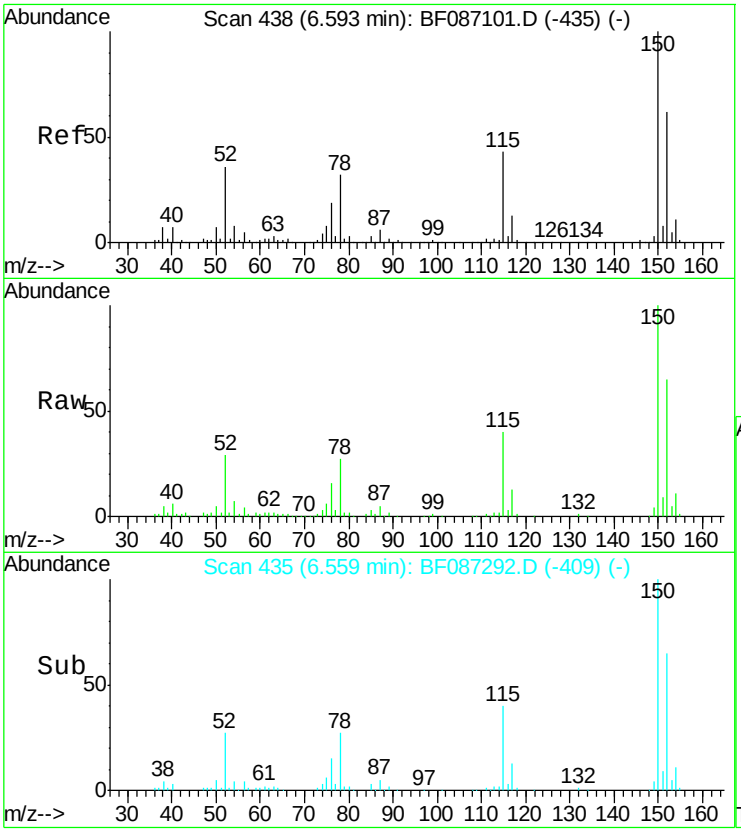


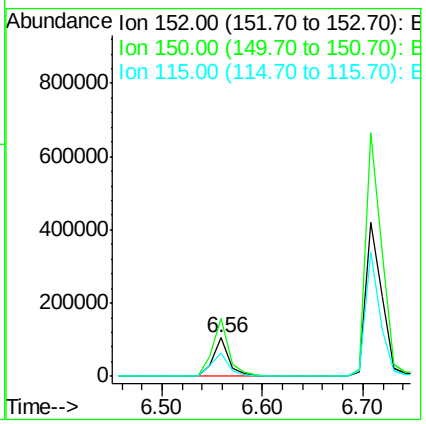


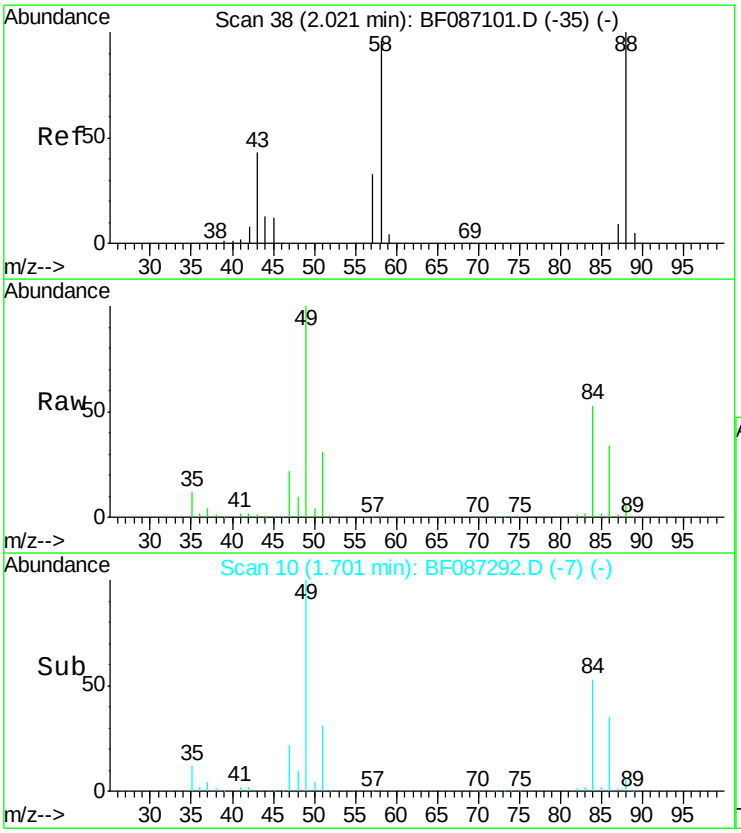
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:152 Resp: 117784

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.8	188.6
115	60.5	51.5	77.3

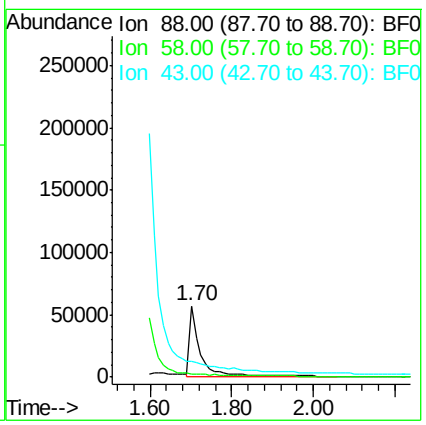


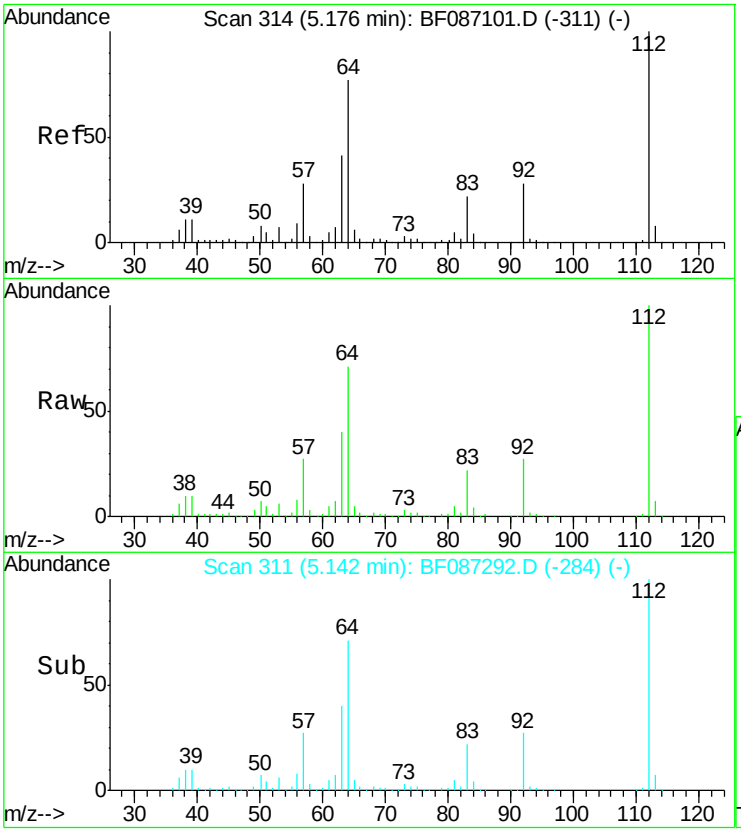


#2
1,4-Dioxane
Concen: 28.05 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.26 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion: 88 Resp: 101124

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



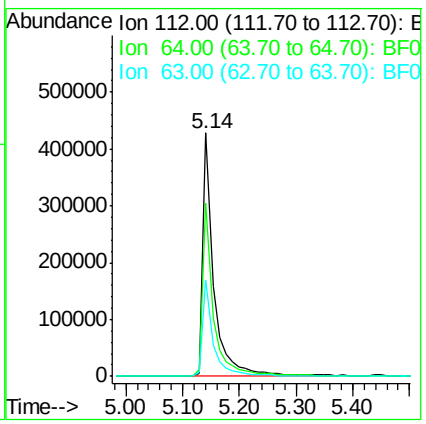


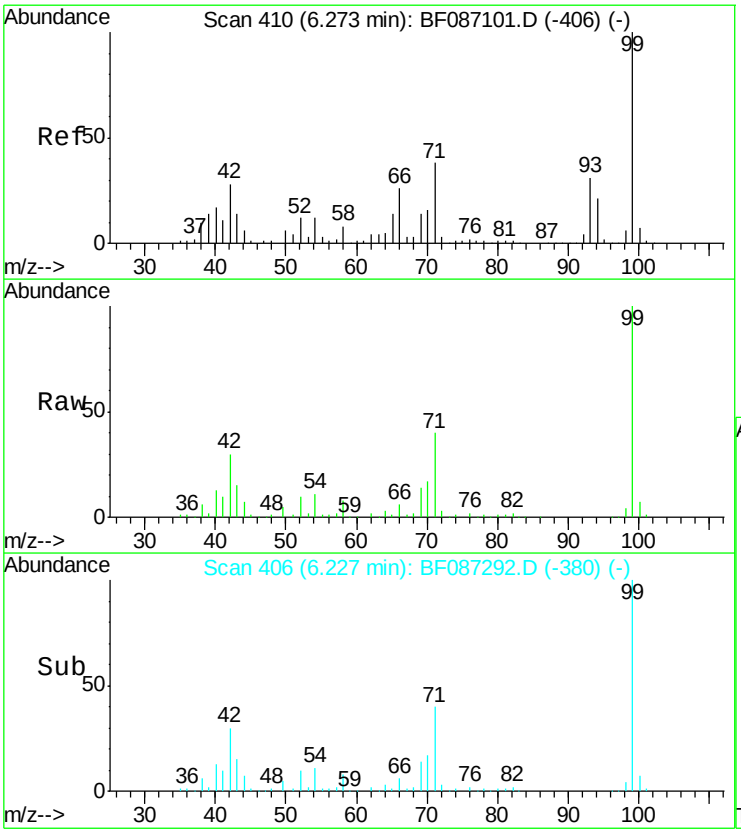
#5
2-Fluorophenol
Concen: 80.13 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:112 Resp: 561486

Ion	Ratio	Lower	Upper
112	100		
64	71.1	52.1	78.1
63	39.5	25.7	38.5#

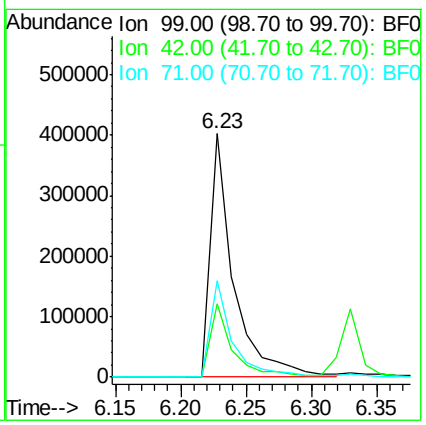


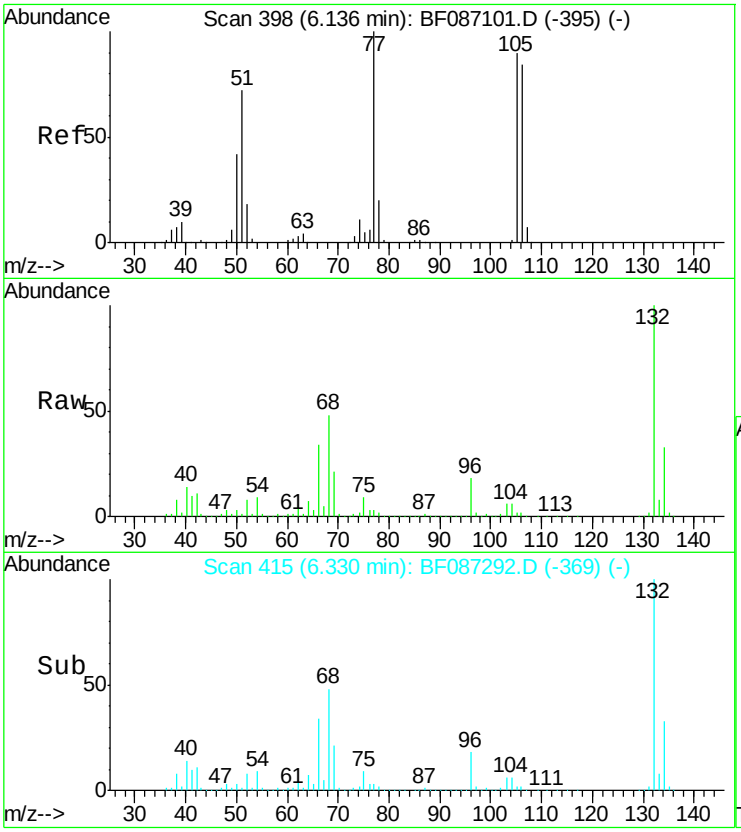


#7
Phenol-d6
Concen: 53.57 ng
RT: 6.23 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion: 99 Resp: 503484

Ion	Ratio	Lower	Upper
99	100		
42	30.0	13.6	20.4#
71	39.8	24.6	36.8#



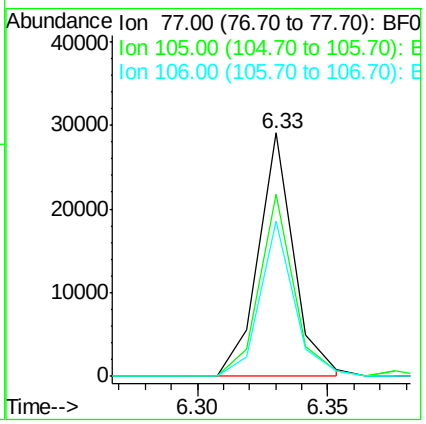


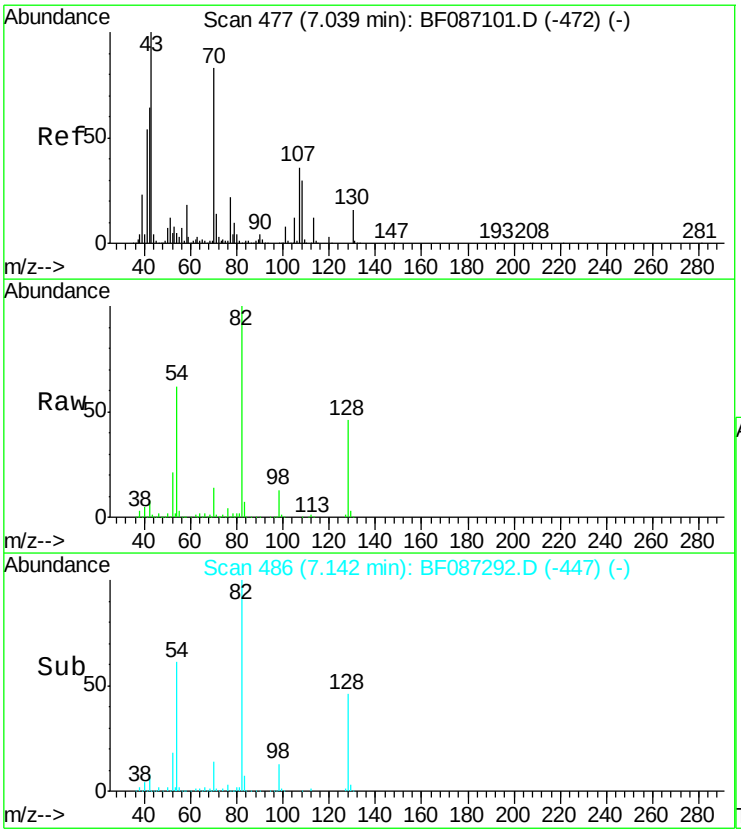
#9
Benzaldehyde
Concen: 4.12 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion: 77 Resp: 27697

Ion	Ratio	Lower	Upper
77	100		
105	74.7	72.7	112.7
106	63.8	70.8	110.8#

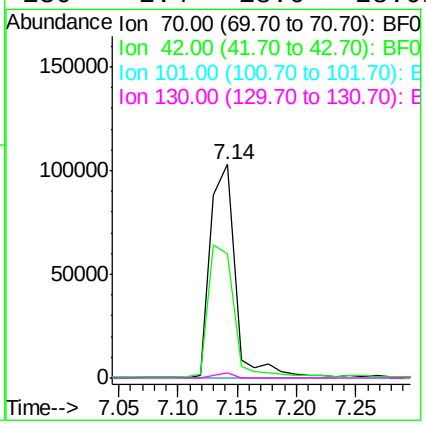


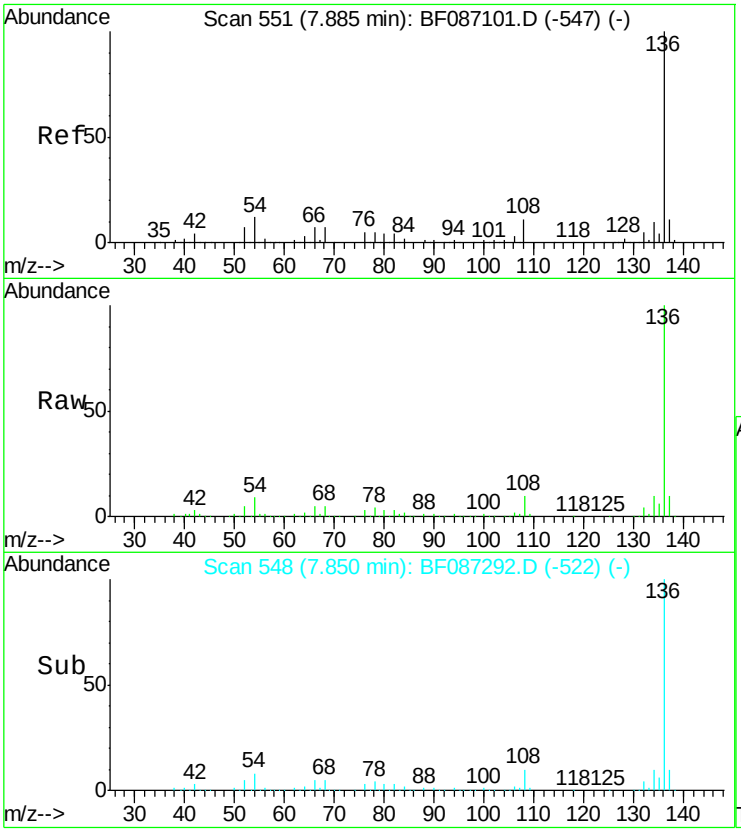


#19
n-Nitroso-di-n-propylamine
Concen: 21.23 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.15 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion: 70 Resp: 151684

Ion	Ratio	Lower	Upper
70	100		
42	58.4	43.1	64.7
101	0.0	8.1	12.1#
130	2.4	18.6	28.0#



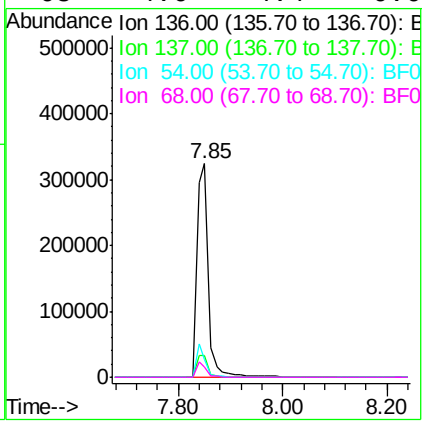


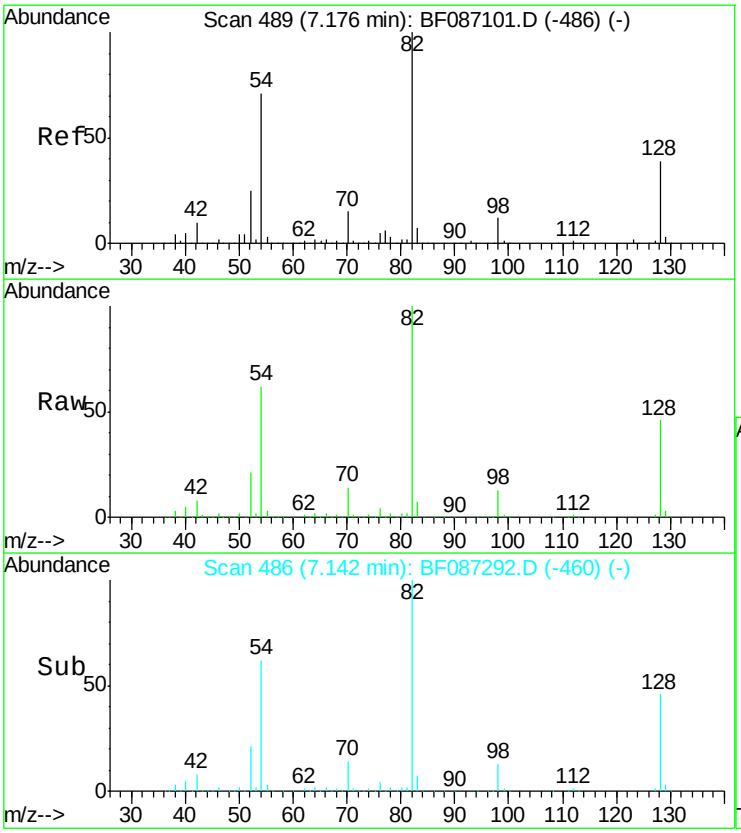
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:136 Resp: 490958

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.6	5.0	7.4#
68	4.6	4.4	6.6

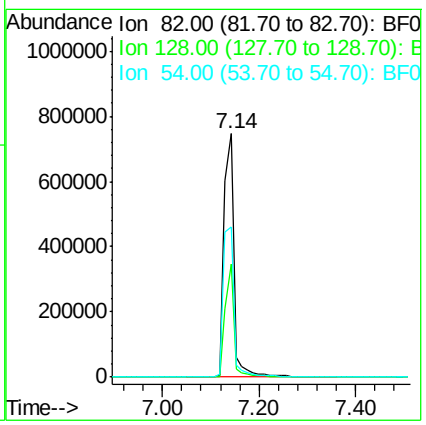


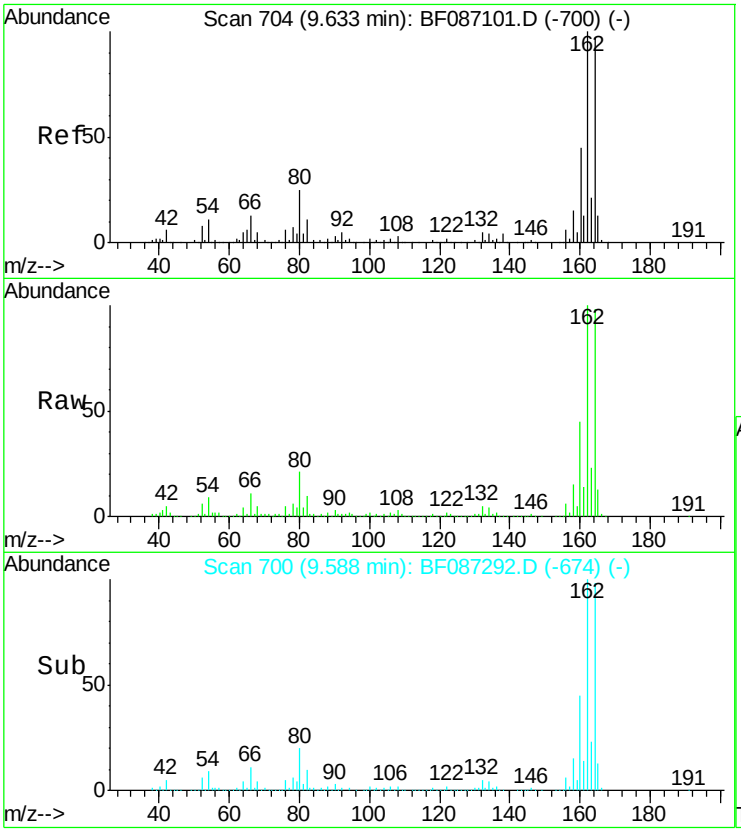


#23
Nitrobenzene-d5
Concen: 106.69 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion: 82 Resp: 1050985

Ion	Ratio	Lower	Upper
82	100		
128	46.5	40.6	61.0
54	61.6	38.1	57.1#



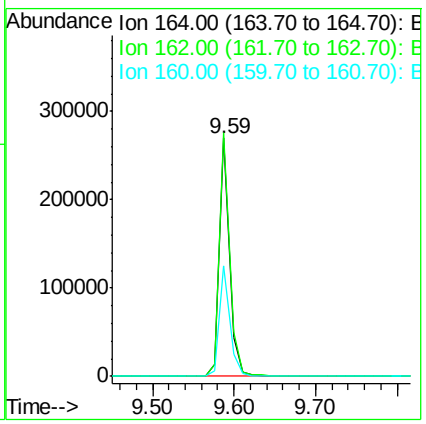


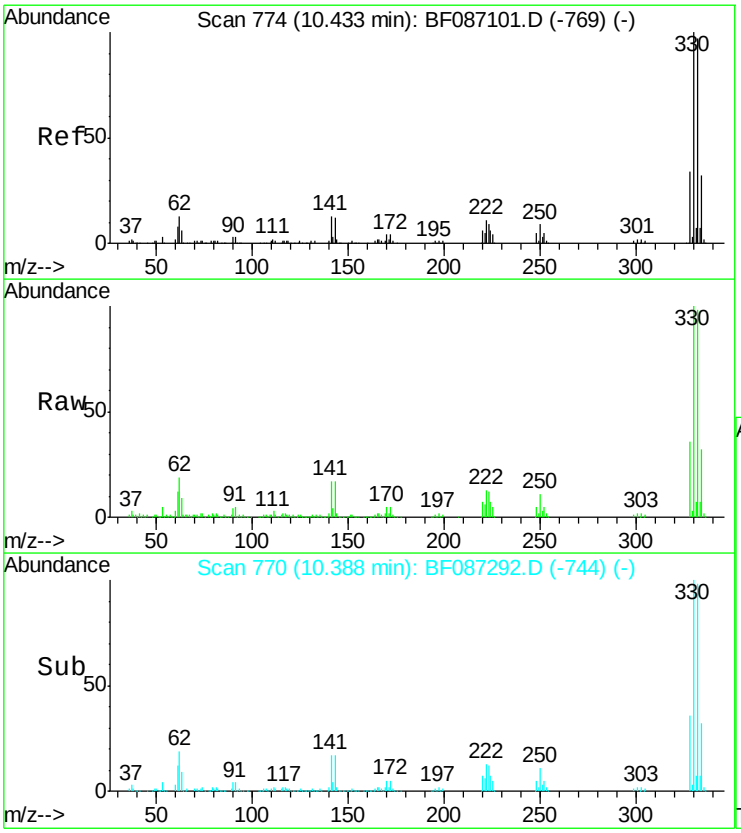
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:164 Resp: 232844

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	46.2	36.9	55.3

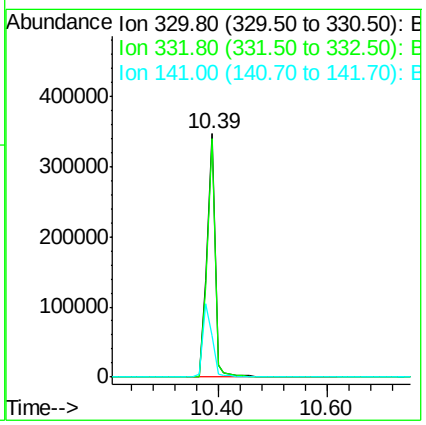


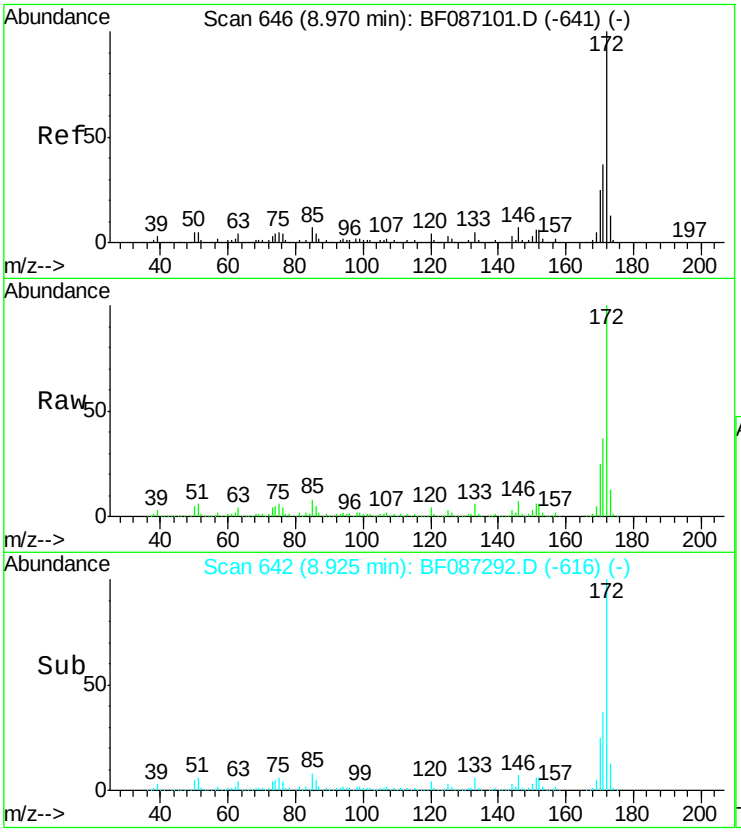


#41
2,4,6-Tribromophenol
Concen: 140.14 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion:330 Resp: 360579

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	34.8	31.2	46.8



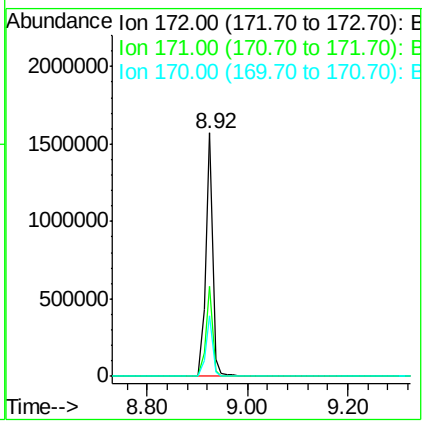


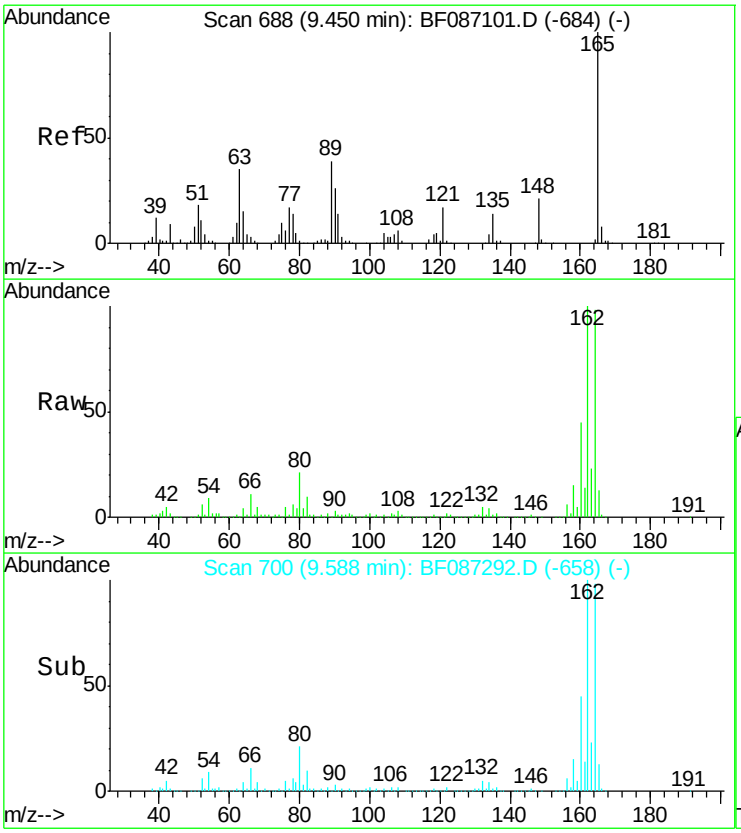
#44
2-Fluorobiphenyl
Concen: 106.79 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:172 Resp: 1501447

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	25.1	19.8	29.8

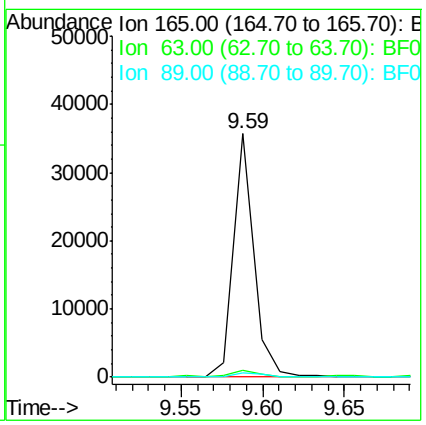


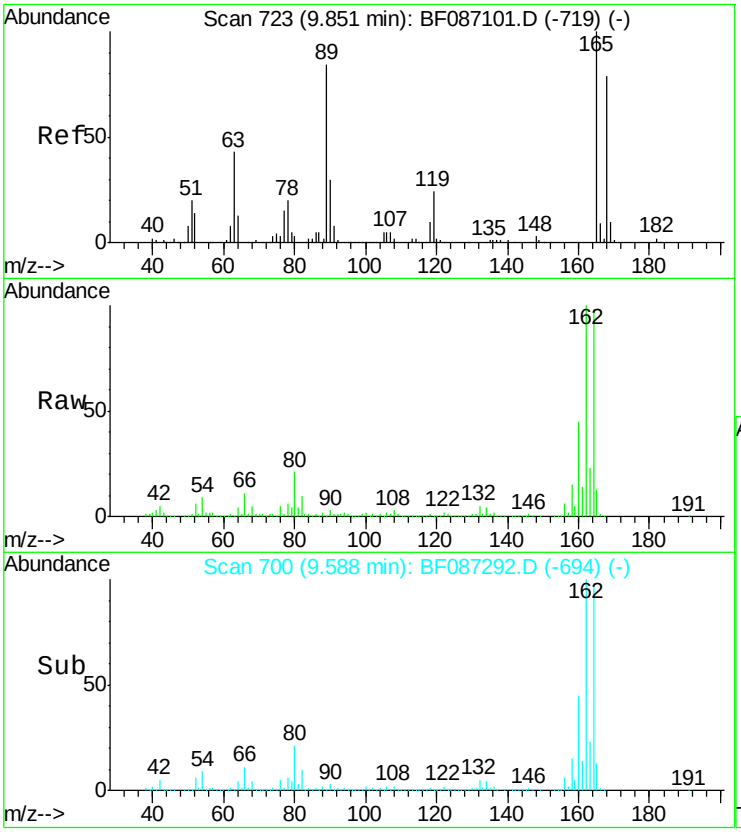


#50
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.18 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion:165 Resp: 30672

Ion	Ratio	Lower	Upper
165	100		
63	2.7	51.8	77.8#
89	1.9	50.7	76.1#



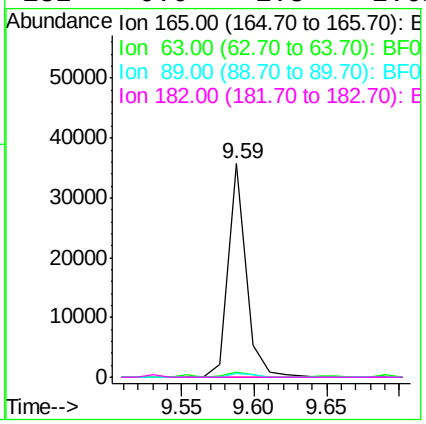


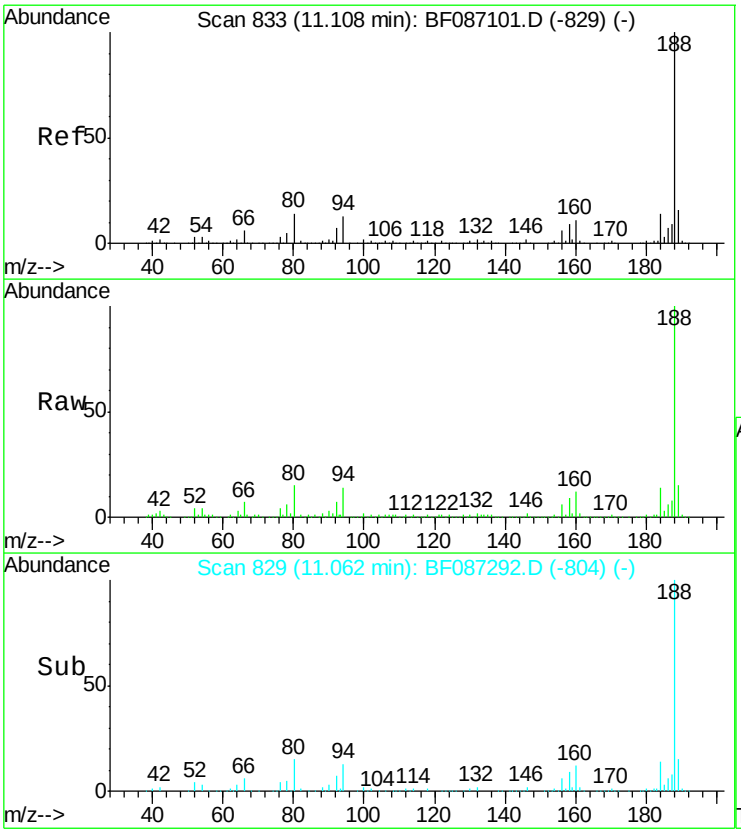
#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.23 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:165 Resp: 30673

Ion	Ratio	Lower	Upper
165	100		
63	2.7	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#

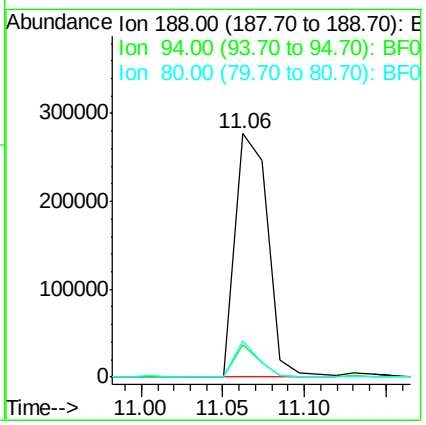


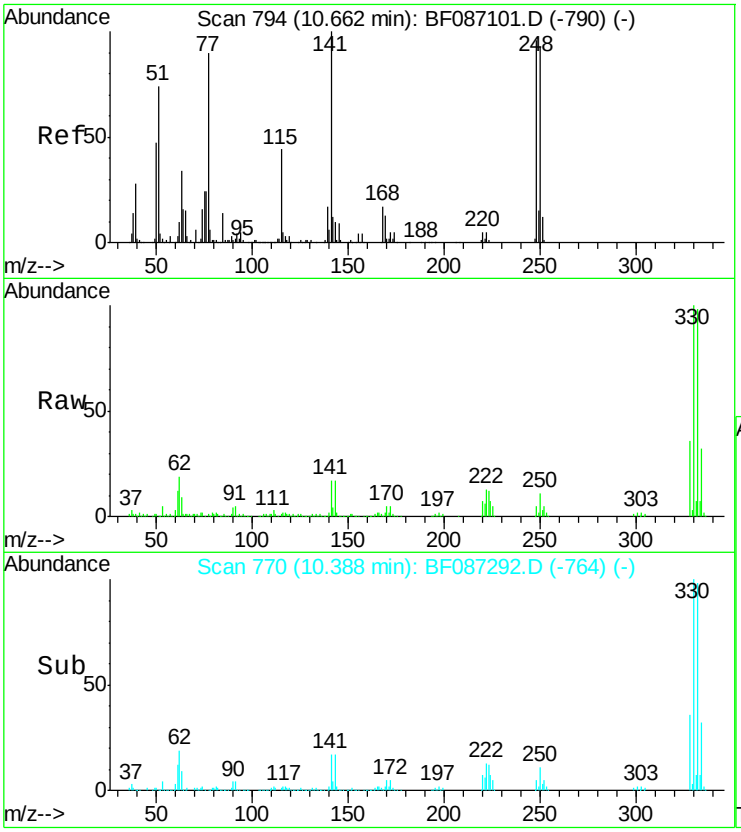


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion:188 Resp: 379197

Ion	Ratio	Lower	Upper
188	100		
94	13.5	6.8	10.2#
80	15.1	7.1	10.7#



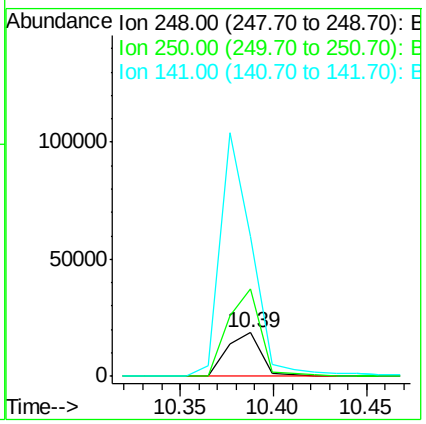


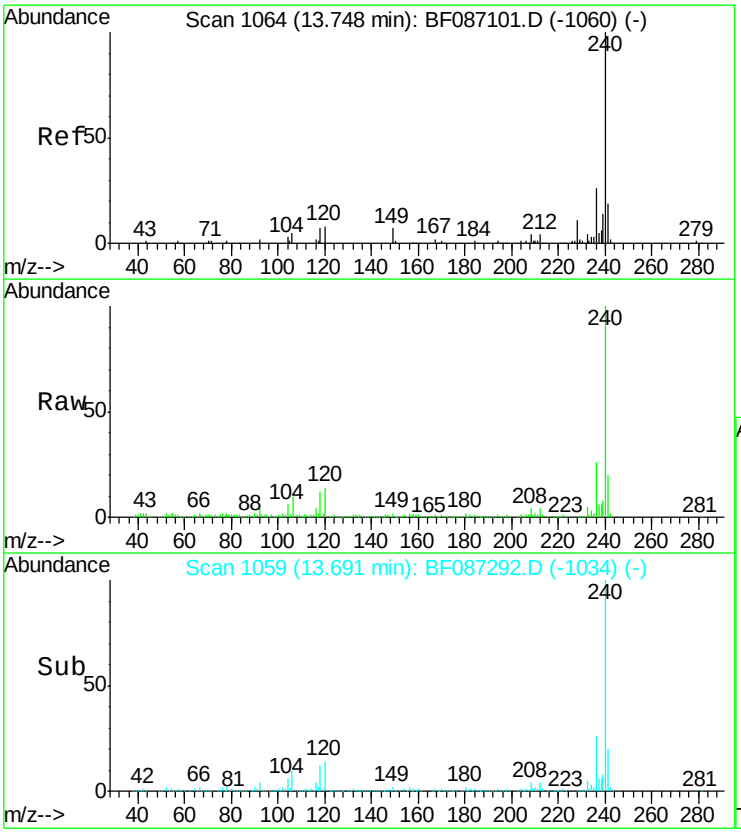
#66
4-Bromophenyl-phenylether
Concen: 5.94 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.23 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:248 Resp: 23149

Ion	Ratio	Lower	Upper
248	100		
250	200.3	78.6	117.8#
141	321.4	76.0	114.0#

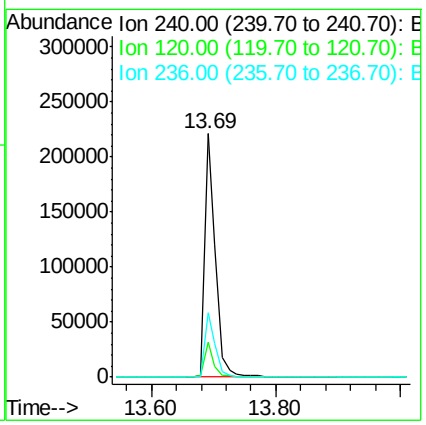


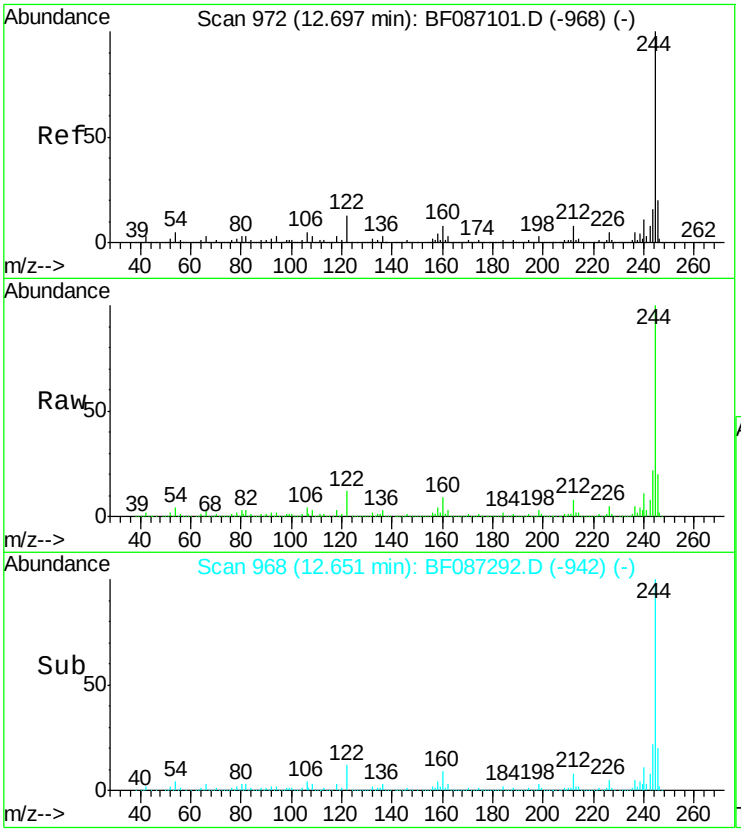


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion:240 Resp: 260610

Ion	Ratio	Lower	Upper
240	100		
120	14.2	11.2	16.8
236	26.5	21.2	31.8



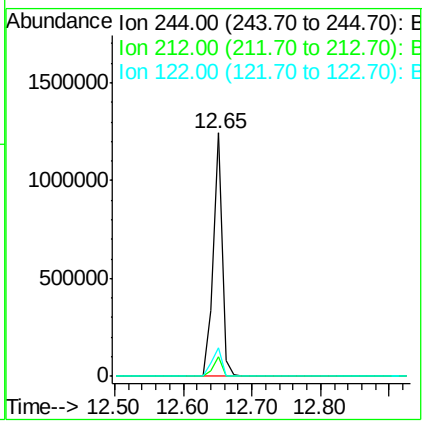


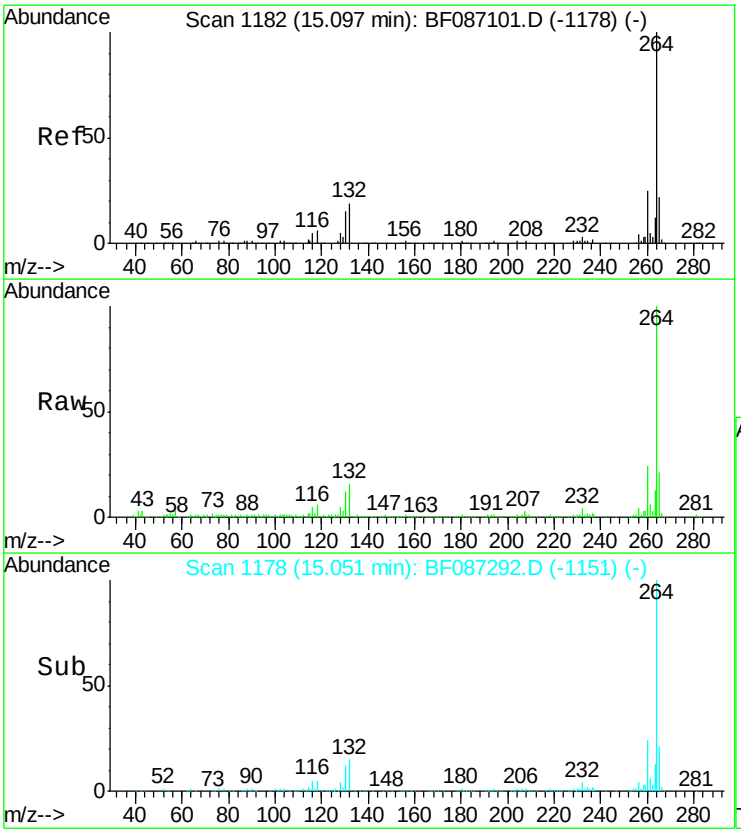
#78
Terphenyl-d14
Concen: 100.64 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:244 Resp: 1159456

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.0	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion:264 Resp: 217695

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.1	17.3	25.9