Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088395.D
Acq On : 26 Jun 2016 2:11
Operator : UM/SJ
Sample : H3745-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Time: Jun 26 03:53:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	68526	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	264764	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	120404	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	200454	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	150043	20.00	ng	-0.06
86) Perylene-d12	15.04	264	117018	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	448071	111.78	ng	-0.03
7) Phenol-d6	6.23	99	560042	115.28	ng	-0.03
23) Nitrobenzene-d5	7.13	82	332272	73.28	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	108393	85.26	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	619248	80.50	ng	-0.05
78) Terphenyl-d14	12.65	244	443610	67.28	ng	-0.05
Target Compounds						Qvalue
10) Phenol	6.24	94	7706	Below Cal		# 14
19) n-Nitroso-di-n-propylamine	7.13	70	40649	13.08	ng	# 74
25) Isophorone	7.13	82	326619	38.89	ng	# 65
45) 1,1'-Biphenyl	8.92	154	1073	Below Cal		# 1
49) Dimethylphthalate	9.32	163	52740	6.05	ng	100
50) 2,6-Dinitrotoluene	9.59	165	14507	7.26	ng	# 37
56) 2,4-Dinitrotoluene	9.59	165	14507	5.65	ng	# 36
57) Fluorene	10.38	166	4405	Below Cal		# 86
66) 4-Bromophenyl-phenylether	10.38	248	6435	2.99	ng	# 1

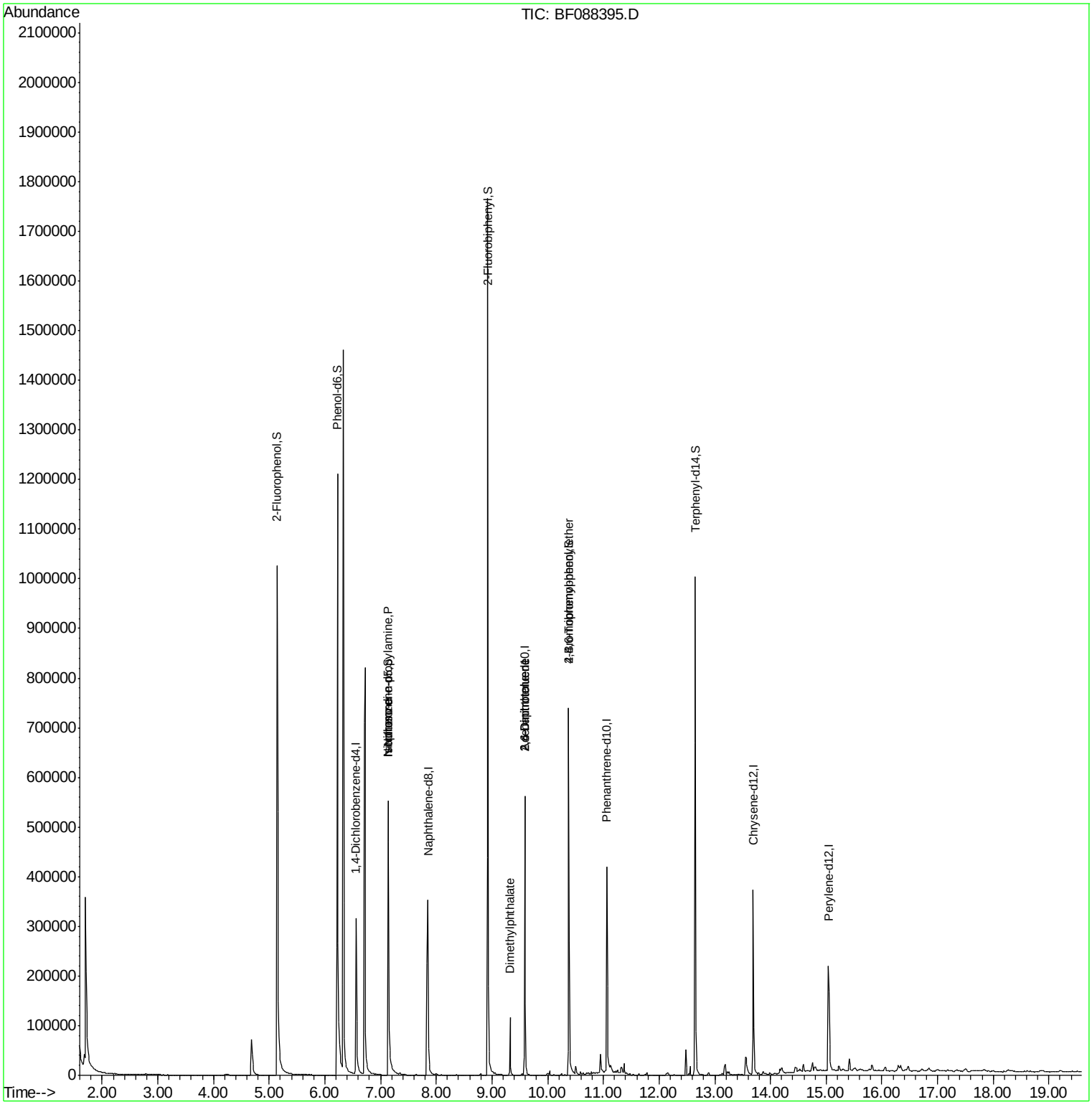
(#) = qualifier out of range (m) = manual integration (+) = signals summed

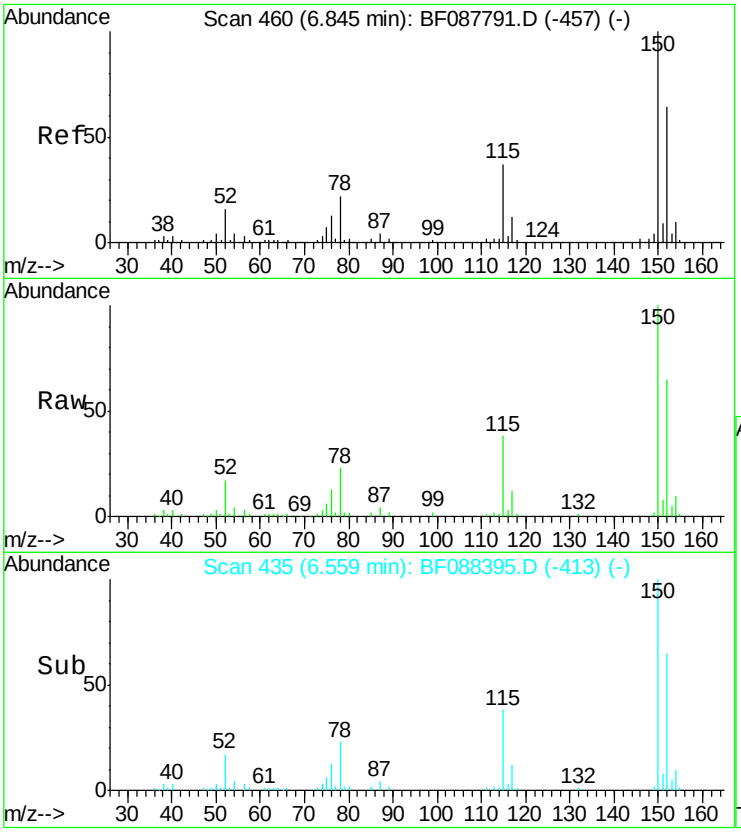
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088395.D
Acq On : 26 Jun 2016 2:11
Operator : UM/SJ
Sample : H3745-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Quant Time: Jun 26 03:53:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration



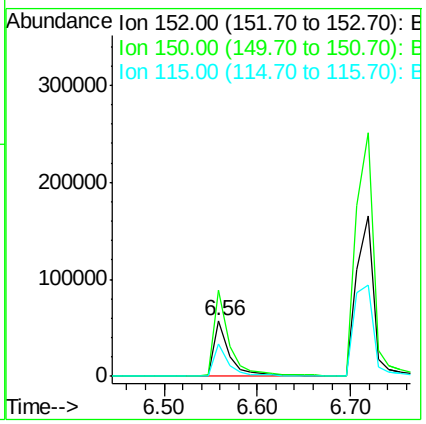


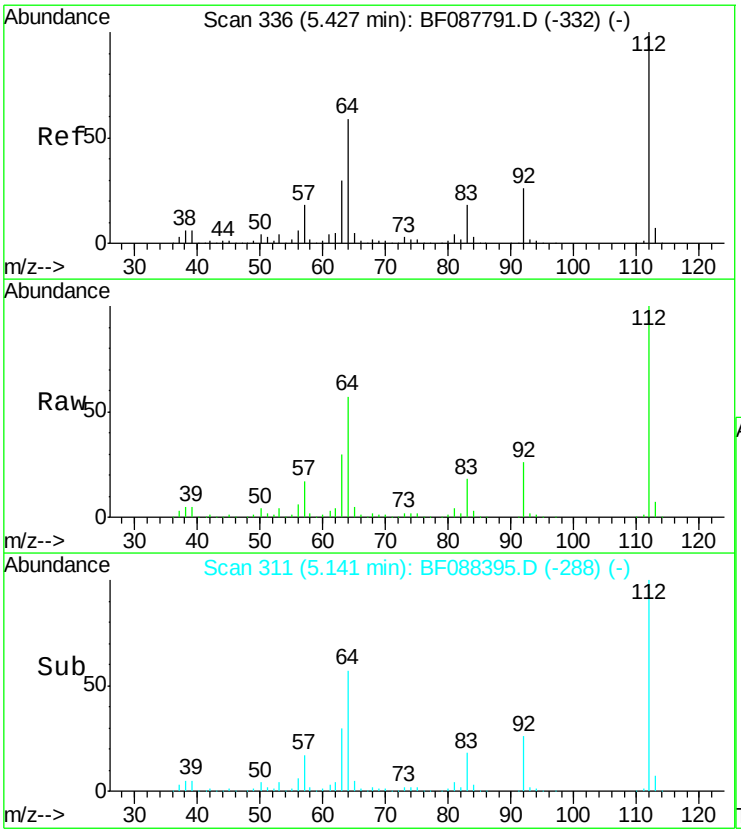
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:152 Resp: 68526

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.8	185.6
115	59.0	39.6	59.4

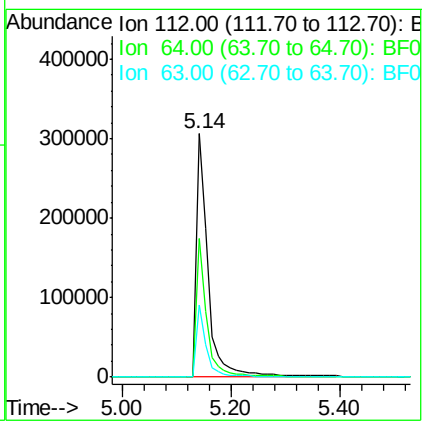


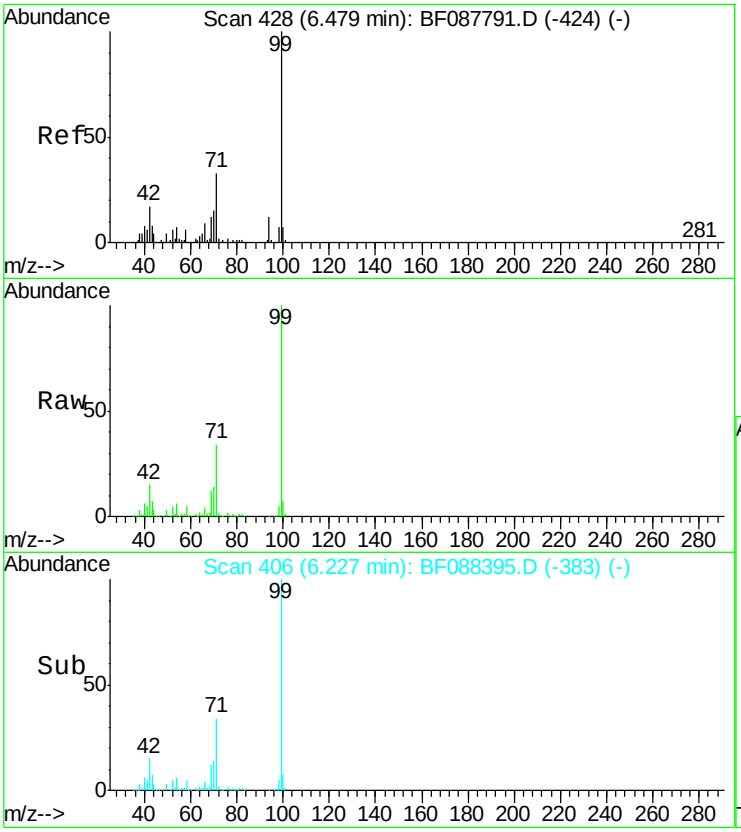


#5
2-Fluorophenol
Concen: 111.78 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Tgt Ion:112 Resp: 448071

Ion	Ratio	Lower	Upper
112	100		
64	57.2	42.2	63.2
63	29.6	21.8	32.8



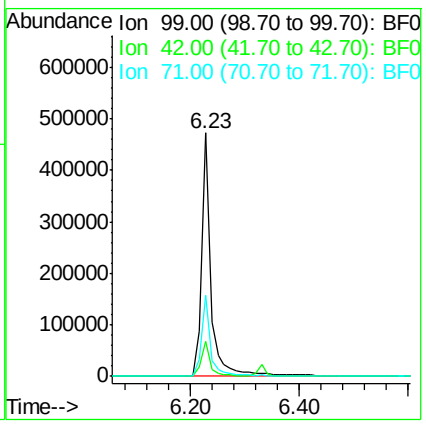


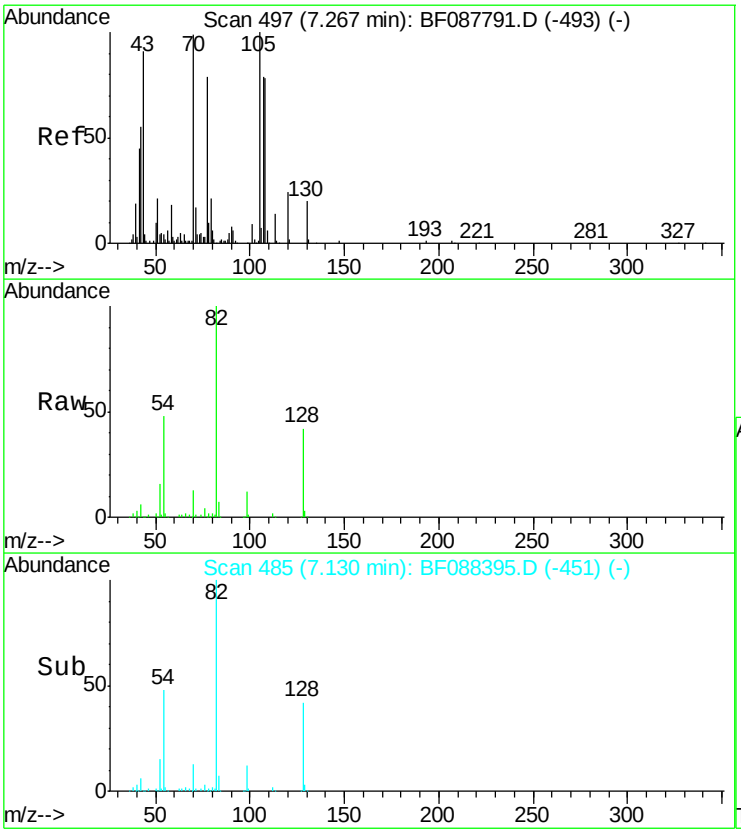
#7
Phenol-d6
Concen: 115.28 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion: 99 Resp: 560042

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.2	18.2
71	33.5	23.4	35.0

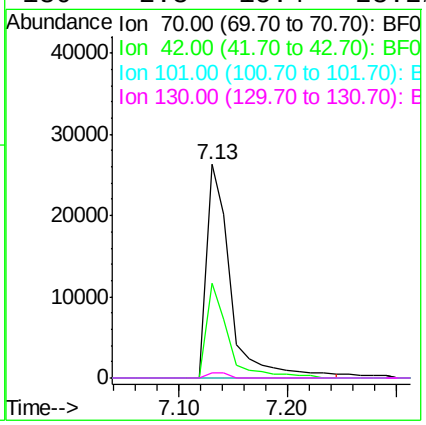


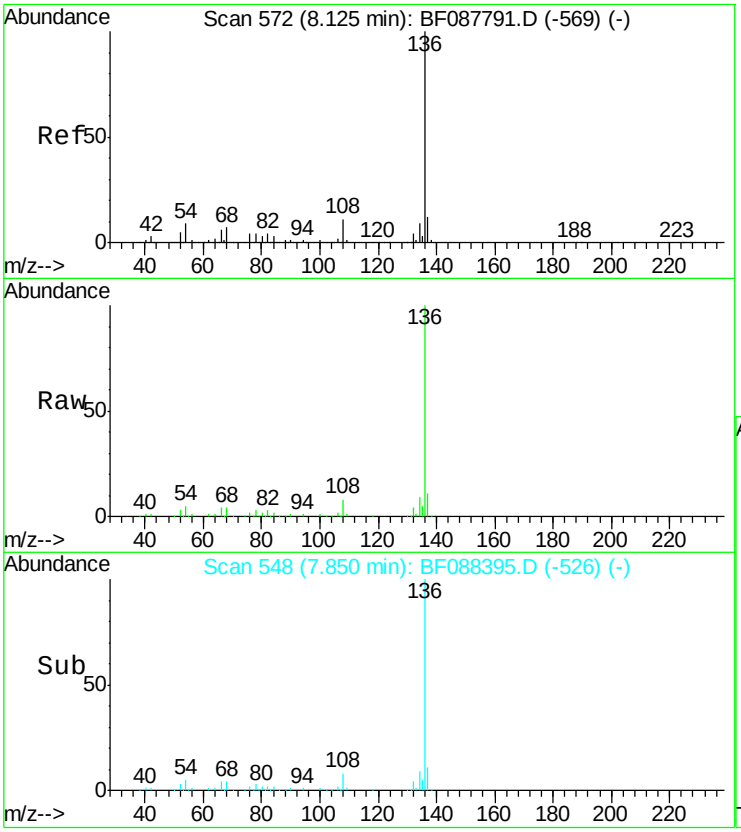


#19
n-Nitroso-di-n-propylamine
Concen: 13.08 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.09 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Tgt Ion: 70 Resp: 40649

Ion	Ratio	Lower	Upper
70	100		
42	44.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



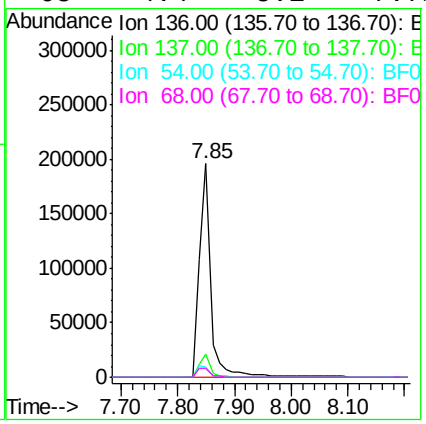


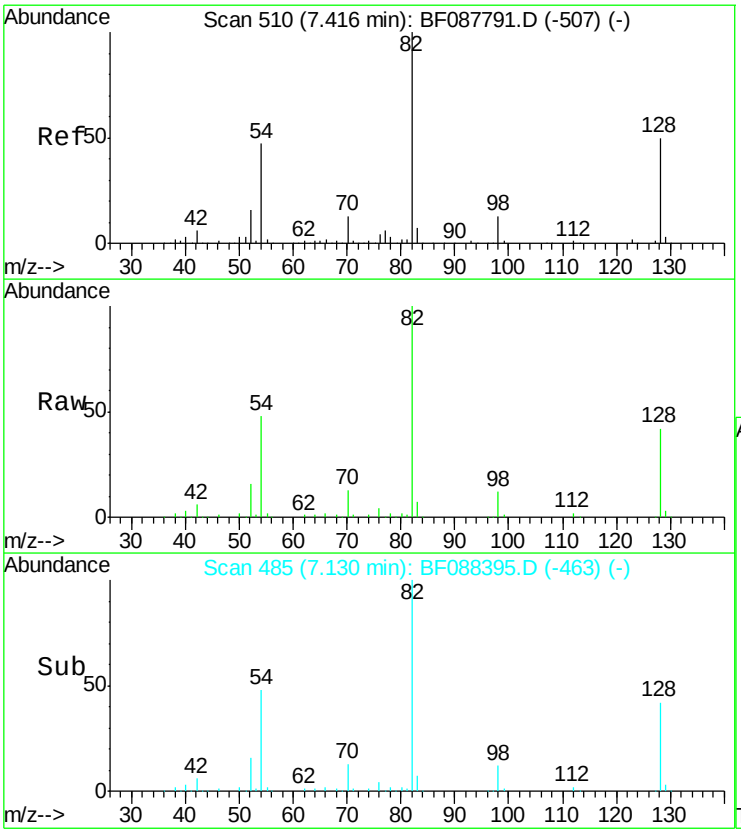
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:136 Resp: 264764

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.0	6.6	10.0#
68	4.4	5.1	7.7#

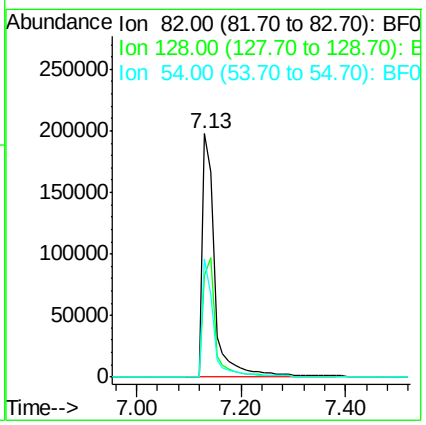


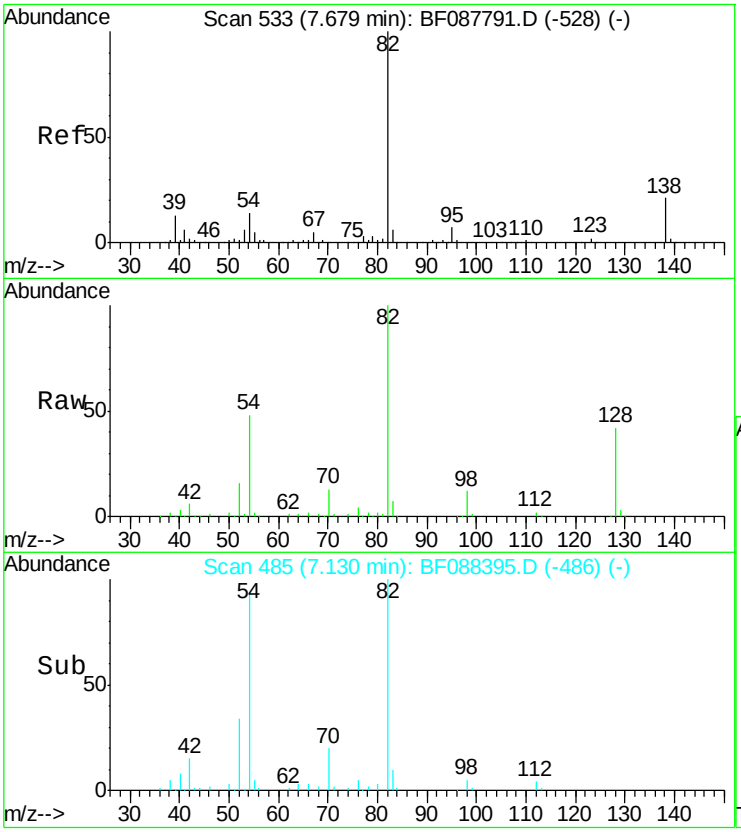


#23
Nitrobenzene-d5
Concen: 73.28 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.05 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Tgt Ion: 82 Resp: 332272

Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.9	53.9
54	48.3	40.9	61.3



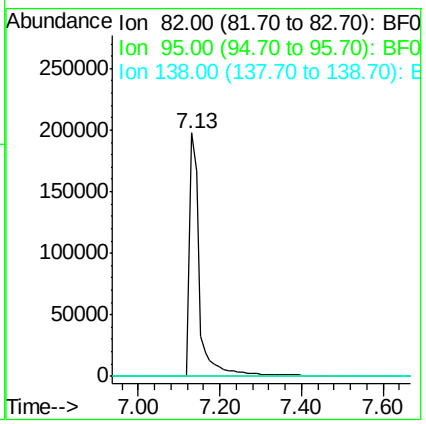


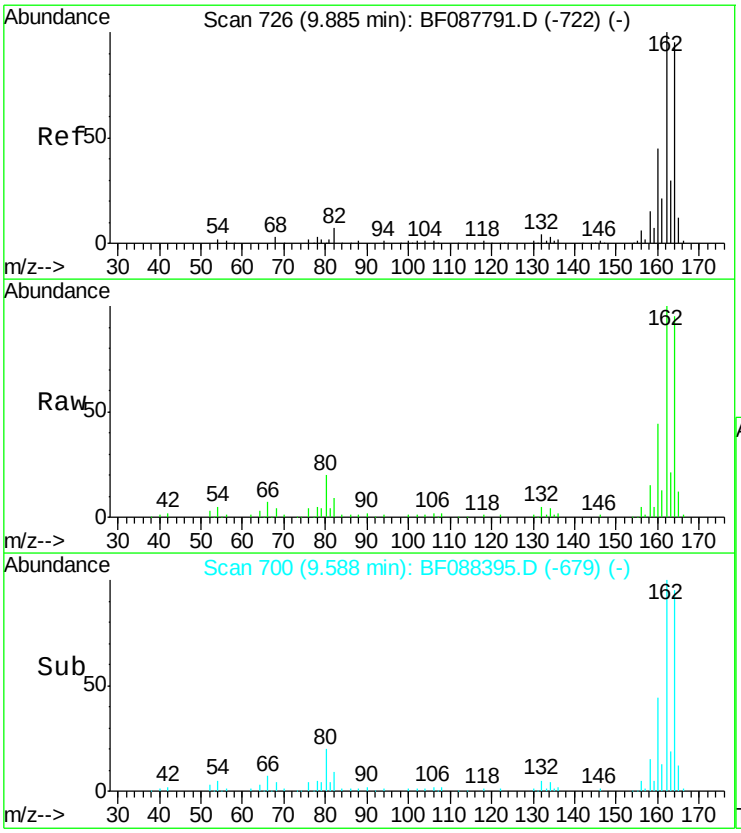
#25
Isophorone
Concen: 38.89 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.31 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion: 82 Resp: 326619

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

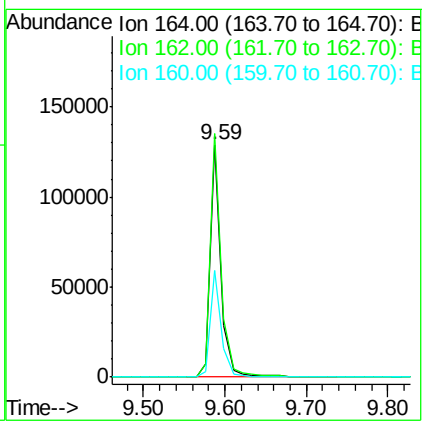


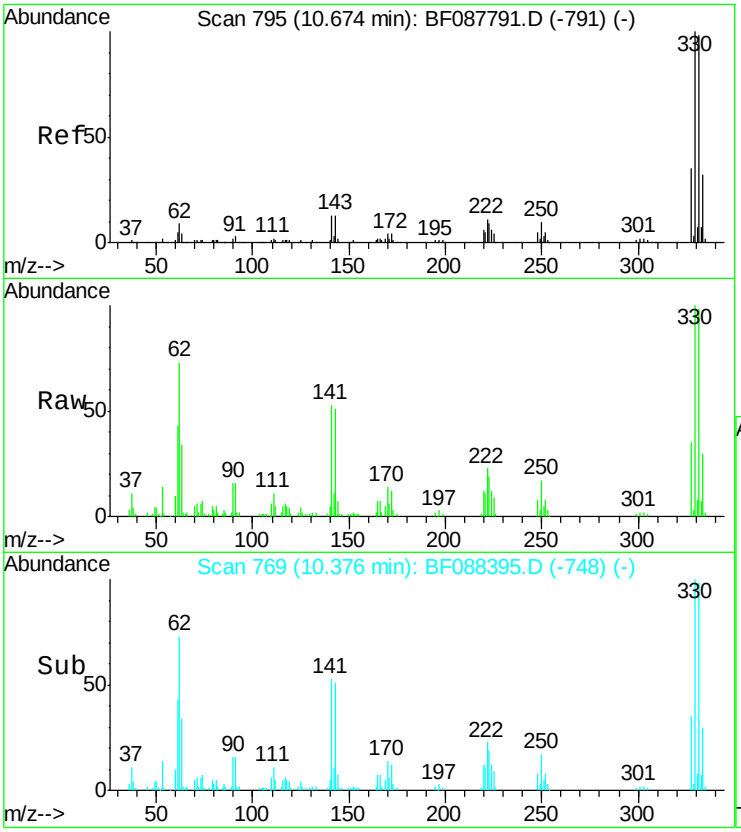


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Tgt Ion:164 Resp: 120404

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	46.2	39.5	59.3



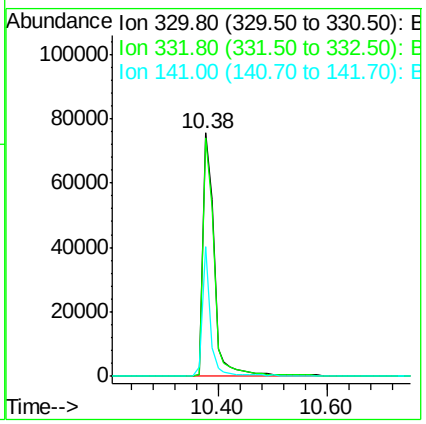


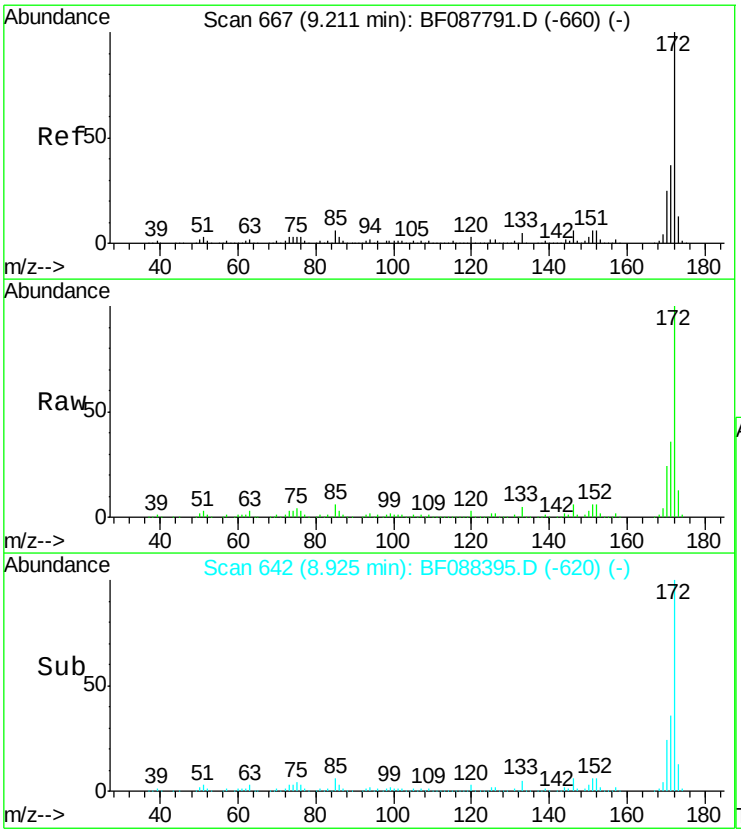
#41
2,4,6-Tribromophenol
Concen: 85.26 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.06 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:330 Resp: 108393

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	38.6	0.0	0.0#

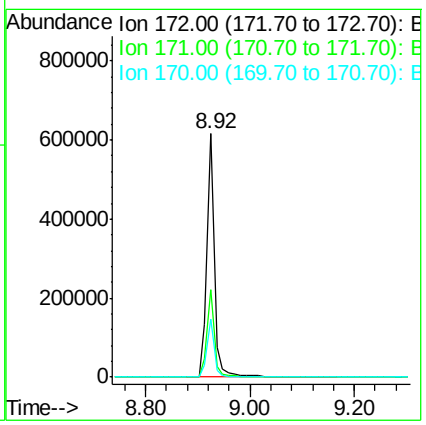


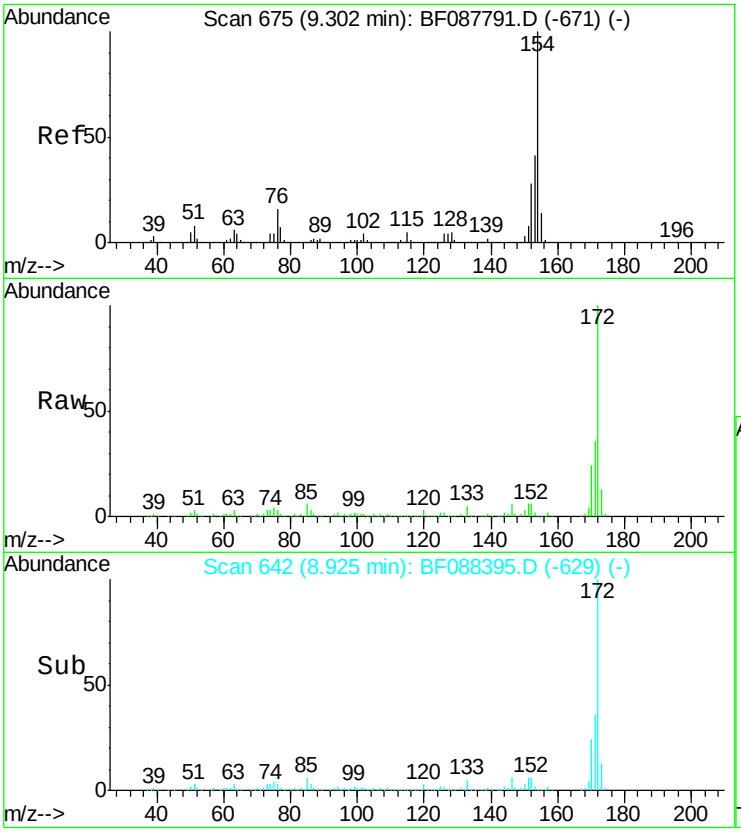


#44
2-Fluorobiphenyl
Concen: 80.50 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Tgt Ion:172 Resp: 619248

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	19.2	28.8



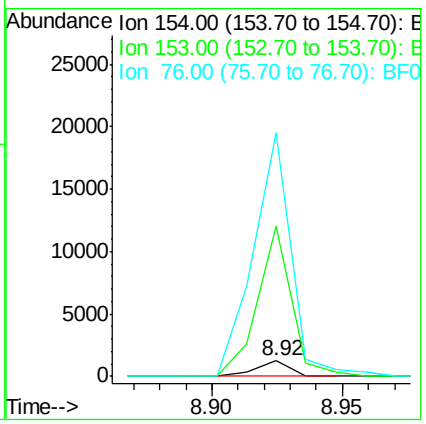


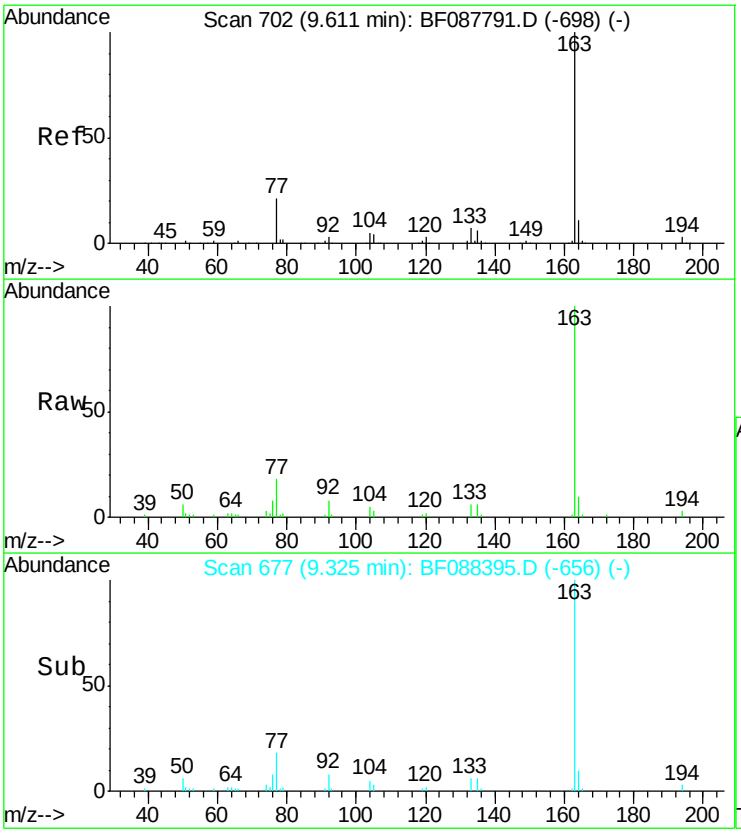
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.92 min Scan# 642
Delta R.T. -0.15 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:154 Resp: 1073

Ion	Ratio	Lower	Upper
154	100		
153	966.8	20.6	60.6#
76	1564.7	0.0	35.1#

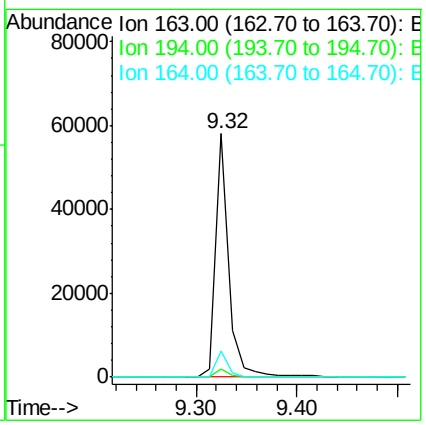


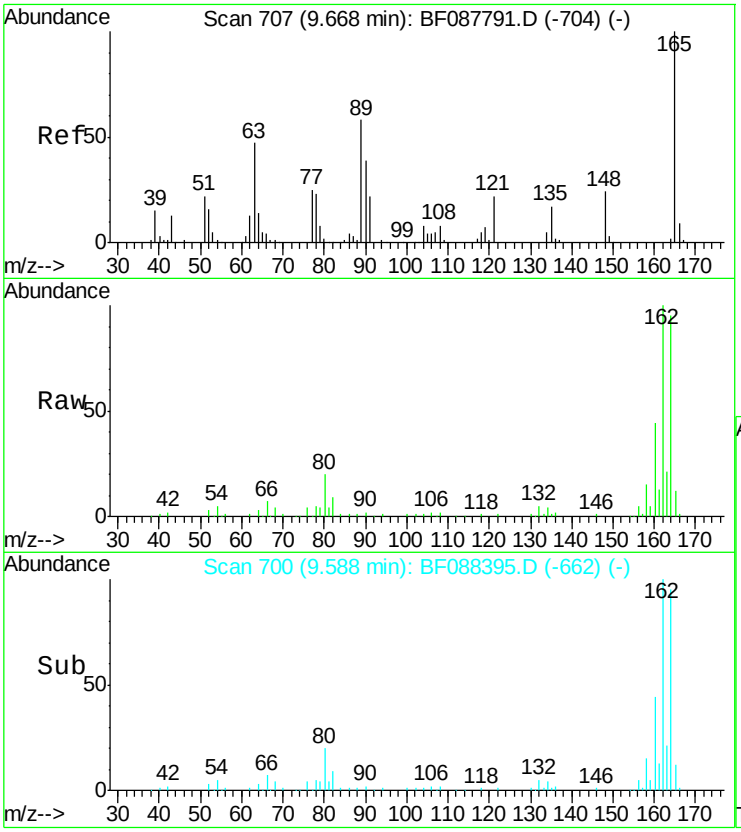


#49
Dimethylphthalate
Concen: 6.05 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Tgt Ion:163 Resp: 52740

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.5	8.3	12.5



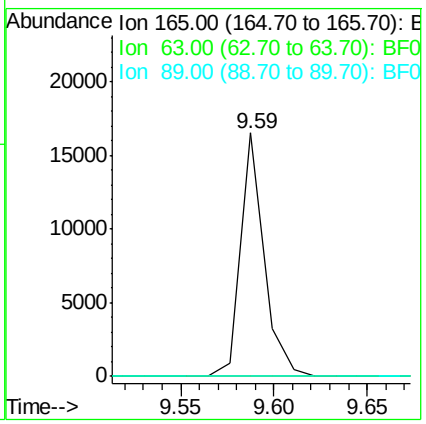


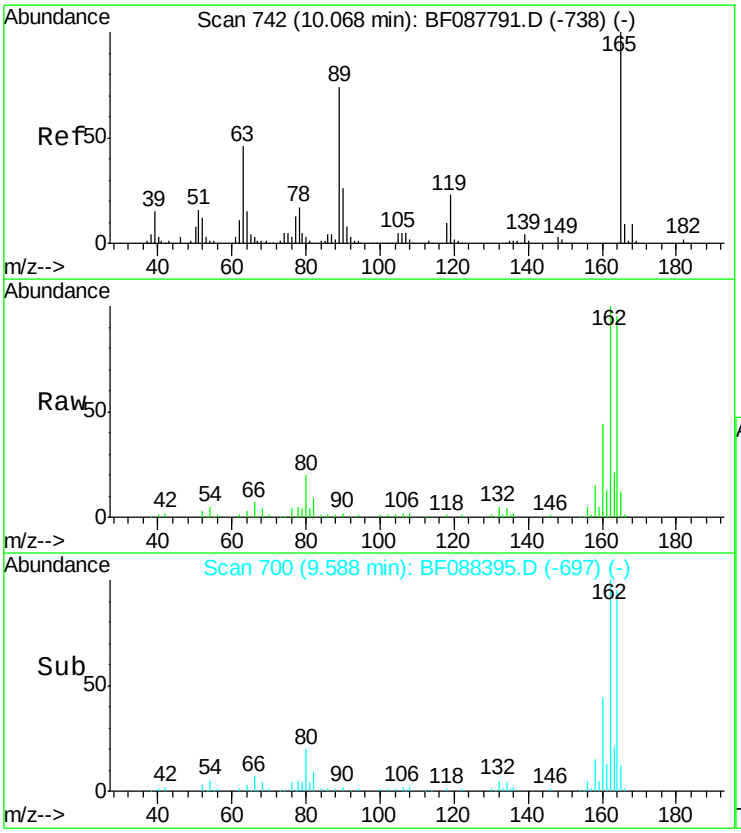
#50
2,6-Dinitrotoluene
Concen: 7.26 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.14 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:165 Resp: 14507

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

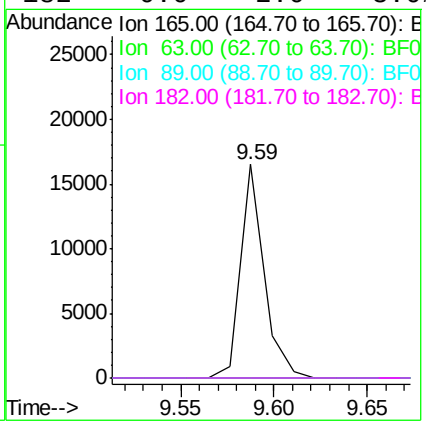


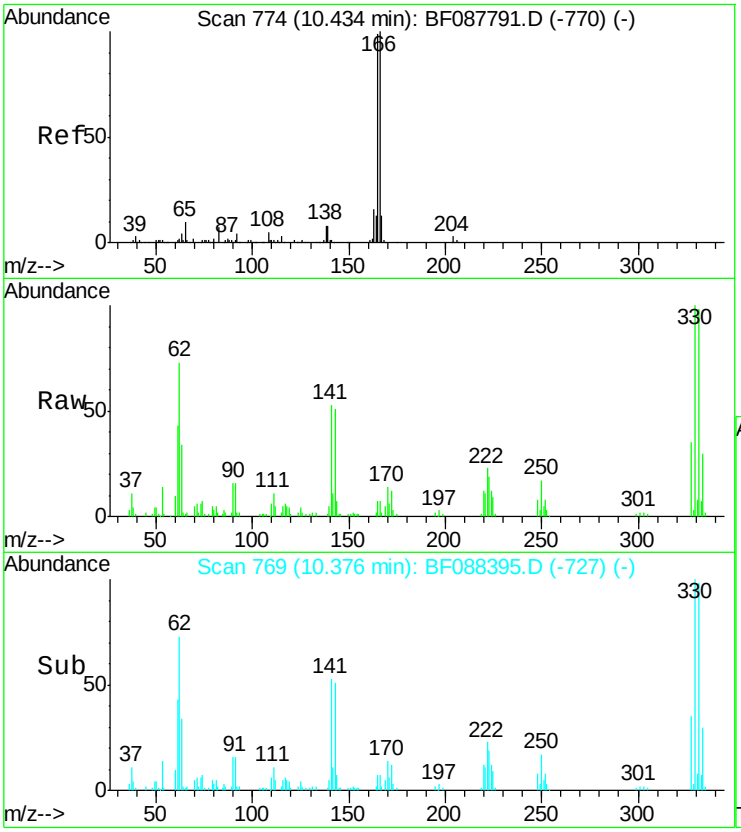


#56
2,4-Dinitrotoluene
Concen: 5.65 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.26 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Tgt Ion:165 Resp: 14507

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



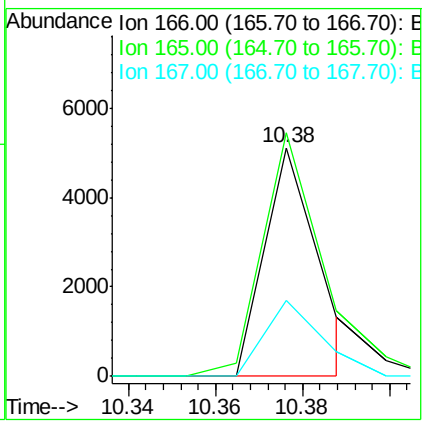


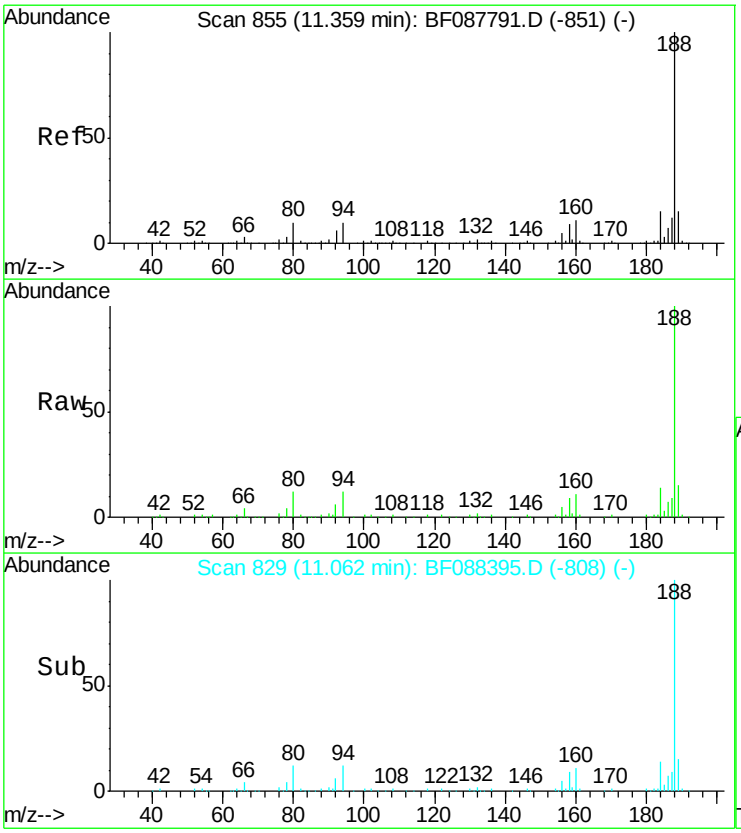
#57
Fluorene
Concen: Below Cal
RT: 10.38 min Scan# 769
Delta R.T. 0.18 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:166 Resp: 4405

Ion	Ratio	Lower	Upper
166	100		
165	106.6	77.8	116.8
167	33.1	11.2	16.8#

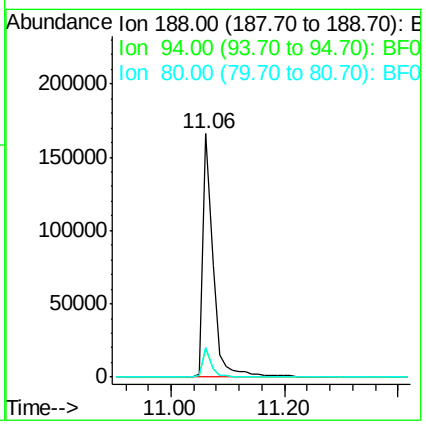


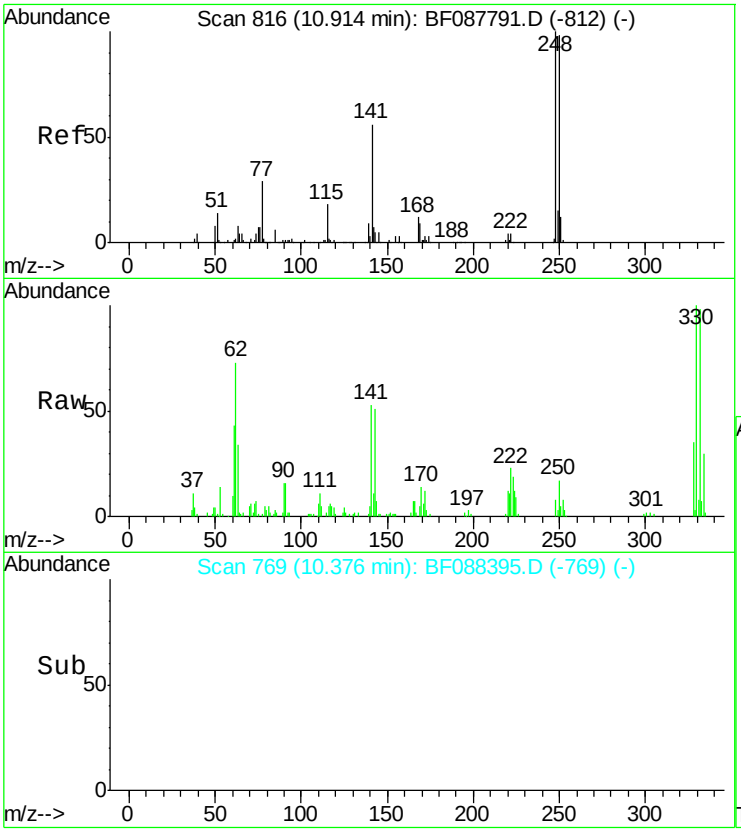


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Tgt Ion:188 Resp: 200454

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.0	13.6
80	12.0	10.0	15.0



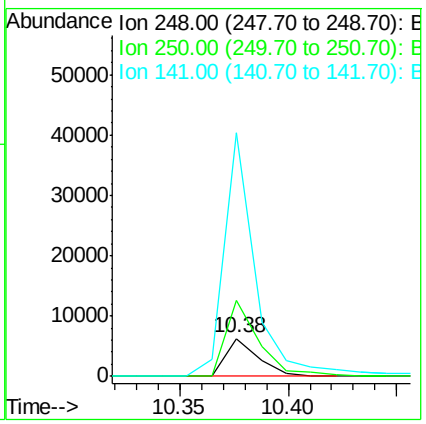


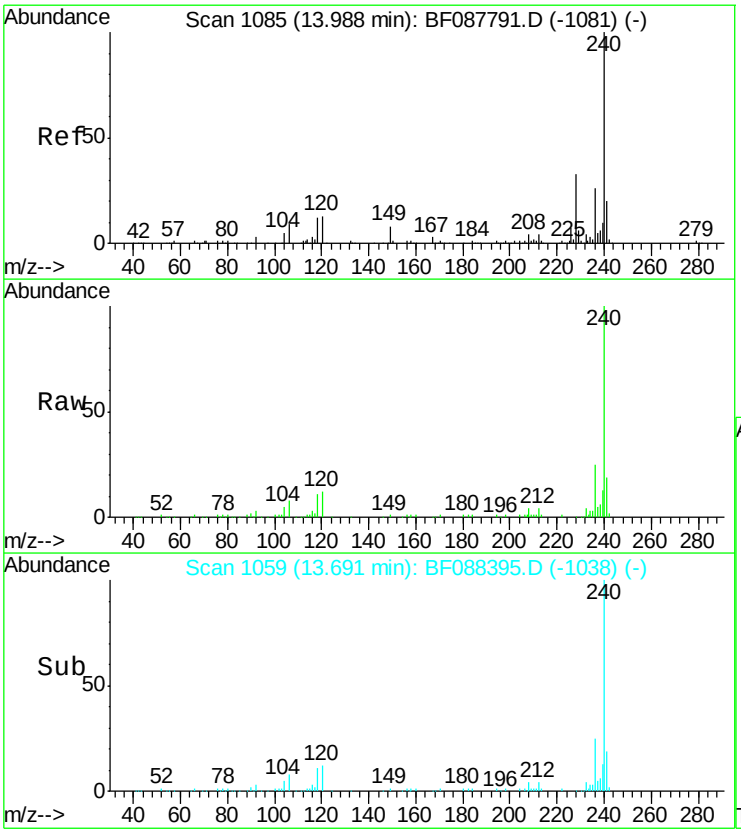
#66
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:248 Resp: 6435

Ion	Ratio	Lower	Upper
248	100		
250	203.5	77.1	115.7#
141	649.0	50.6	76.0#

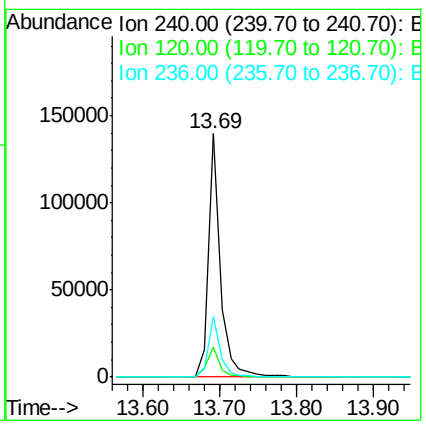


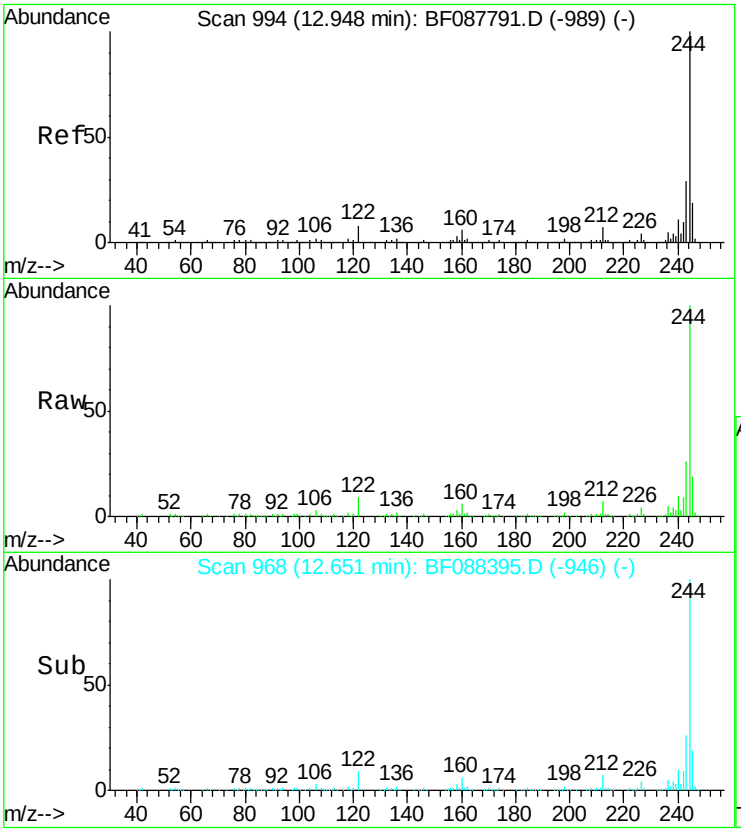


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Tgt Ion:240 Resp: 150043

Ion	Ratio	Lower	Upper
240	100		
120	12.0	6.8	10.2#
236	24.9	20.2	30.2



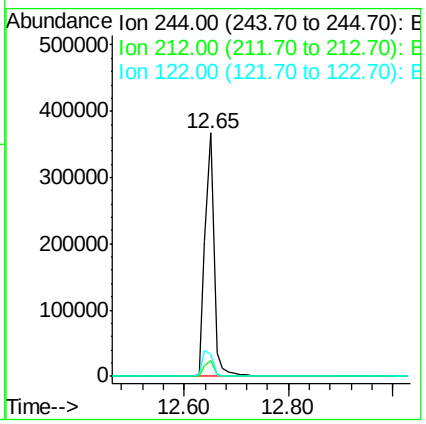


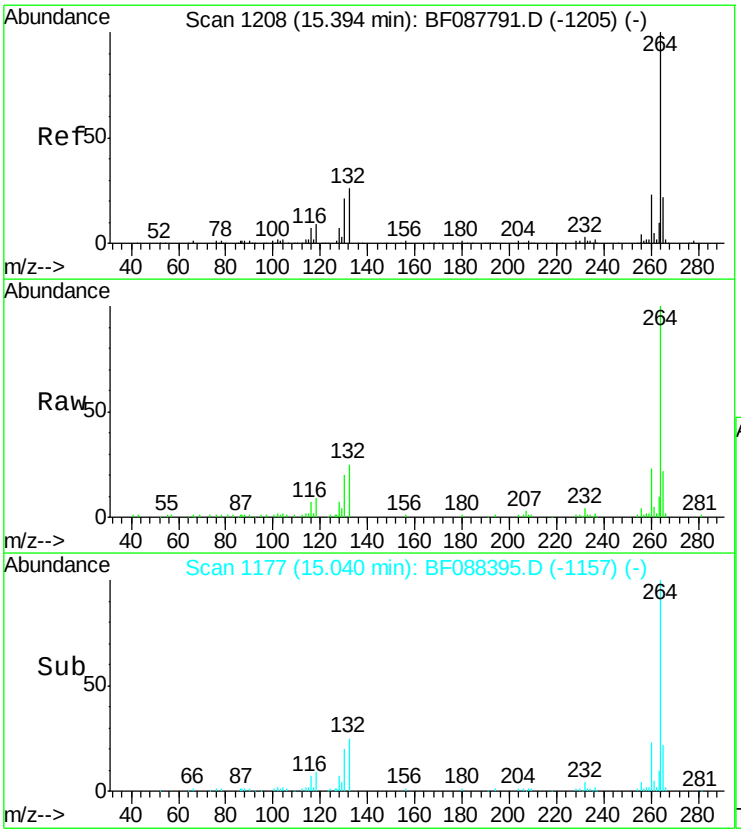
#78
Terphenyl-d14
Concen: 67.28 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.05 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:244 Resp: 443610

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	9.0	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF088395.D
Acq: 26 Jun 2016 2:11

Tgt Ion:264 Resp: 117018

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	16.9	25.3