Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B5(0-16)C

Quant Time: Jun 25 03:42:22 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	6.74	152	123836	20.00	ng		0.14
21) Naphthalene-d8	7.87	136	297022	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	126626	20.00	ng		-0.03
63) Phenanthrene-d10	11.10	188	194561	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	168312	20.00	ng		-0.03
86) Perylene-d12	15.07	264	131033	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	270684	37.37	ng		-0.01
7) Phenol-d6	6.25	99	332630	37.89	ng		-0.01
23) Nitrobenzene-d5	7.15	82	200154	39.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.41	330	55480	41.49	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	377619	44.19	ng		-0.02
78) Terphenyl-d14	12.67	244	221567	29.96	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.35	94	392	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.15	70	25109	4.47	ng	#	73
25) Isophorone	7.15	82	202340	21.48	ng	#	65
45) 1,1'-Biphenyl	8.95	154	520	Below Cal		#	1
49) Dimethylphthalate	9.35	163	69075	7.53	ng		99
56) 2,4-Dinitrotoluene	9.61	165	16174	5.99	ng	#	36
57) Fluorene	10.16	166	562	Below Cal		#	74

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

Quantitation Report (Not Reviewed)

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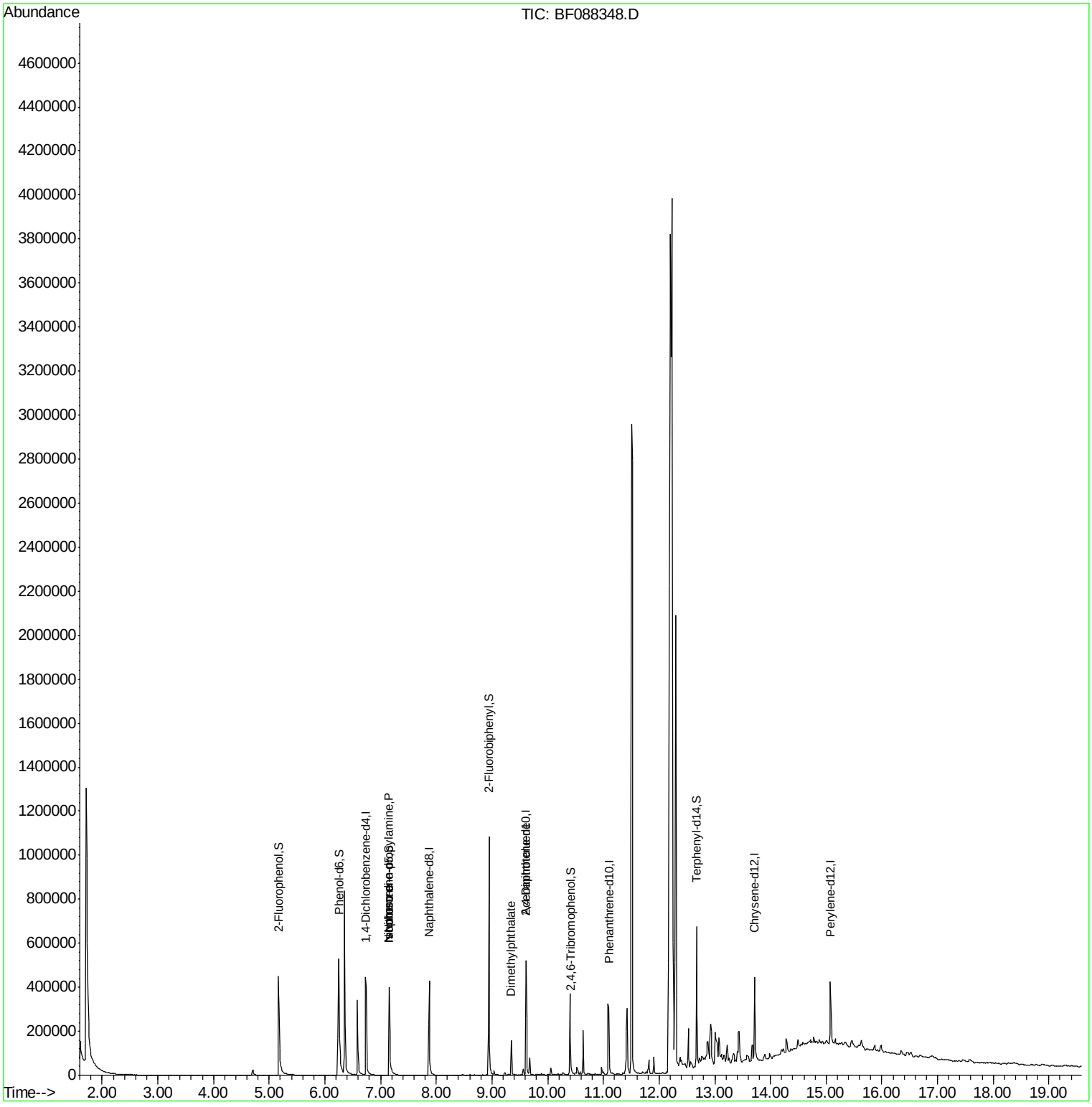
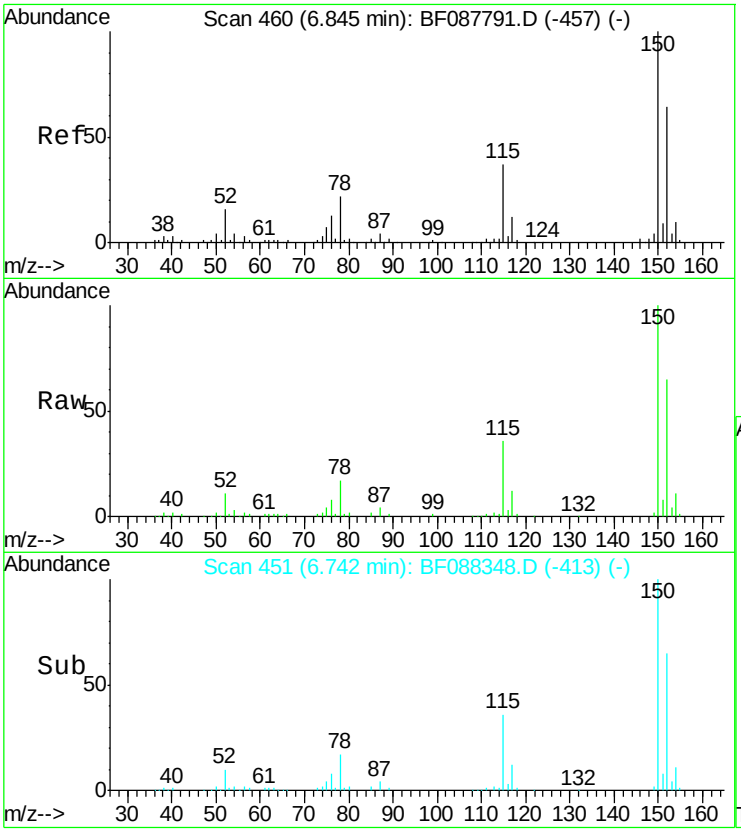


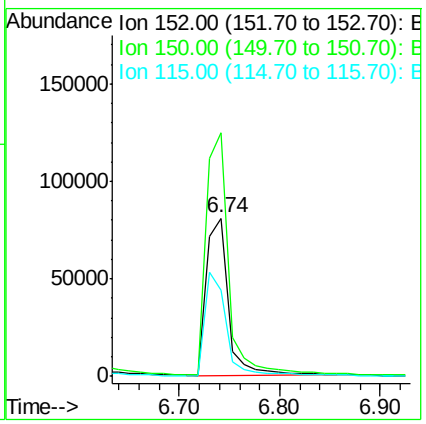


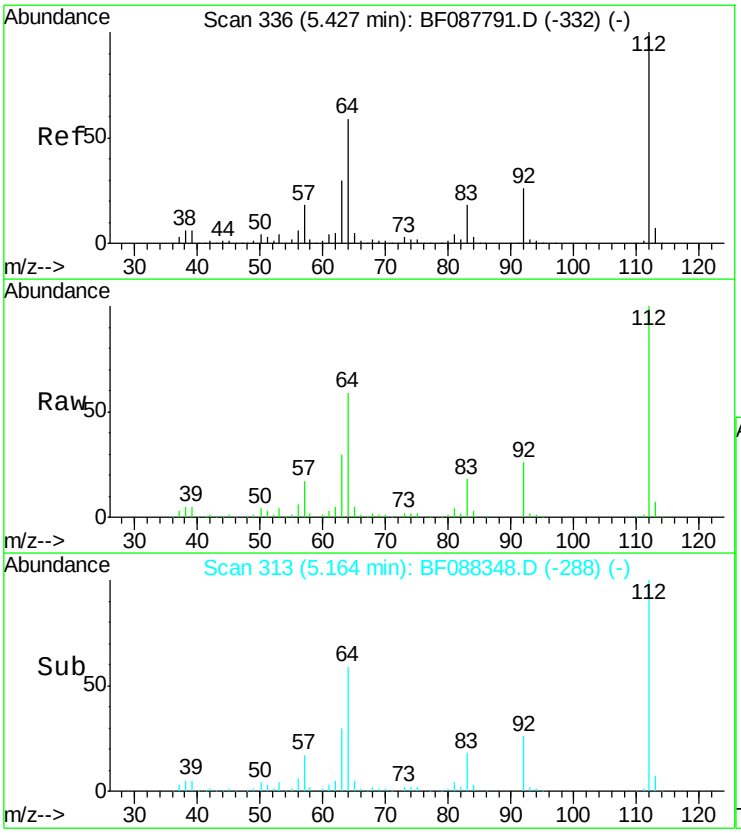
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.14 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Instrument :
BNA_F
ClientSampleId :
Q8-B5(0-16)C

Tgt Ion:152 Resp: 123836

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.6
115	54.8	39.6	59.4

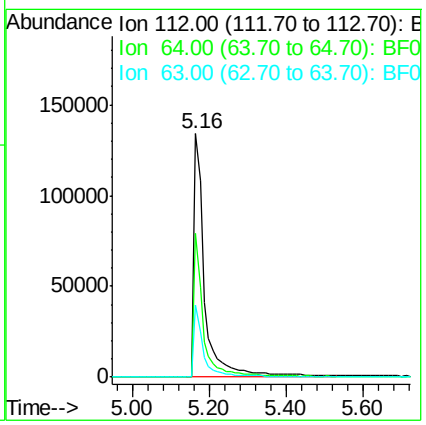


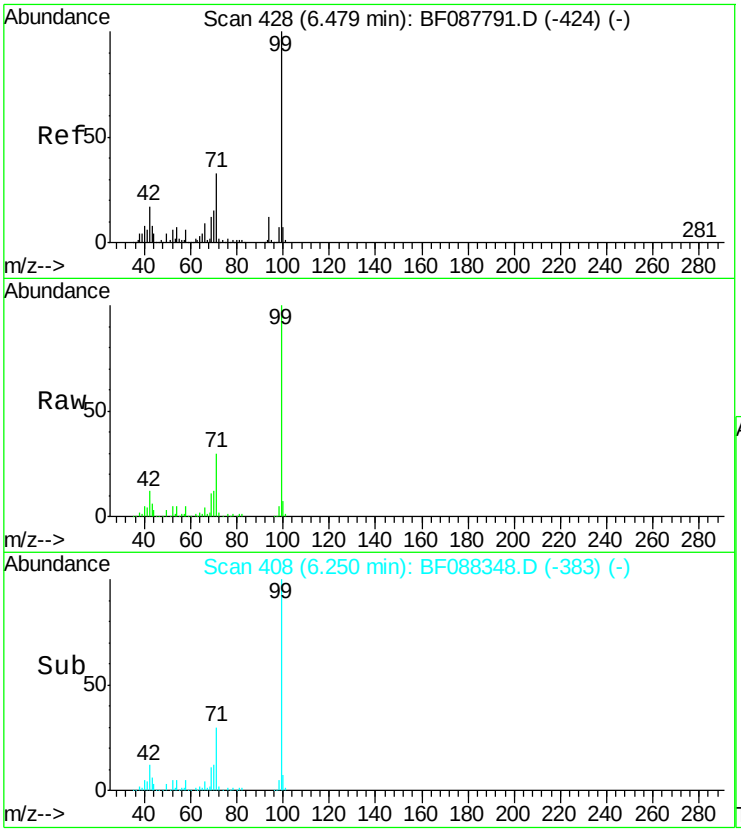


#5
2-Fluorophenol
Concen: 37.37 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.01 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Tgt Ion:112 Resp: 270684

Ion	Ratio	Lower	Upper
112	100		
64	58.8	42.2	63.2
63	29.6	21.8	32.8



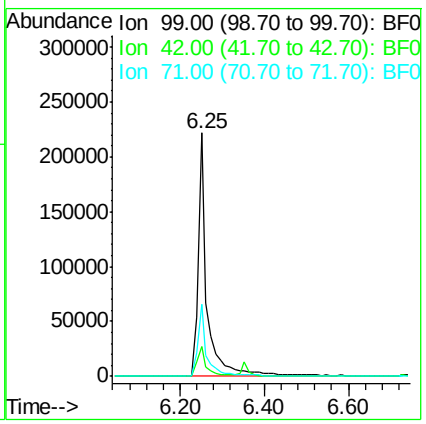


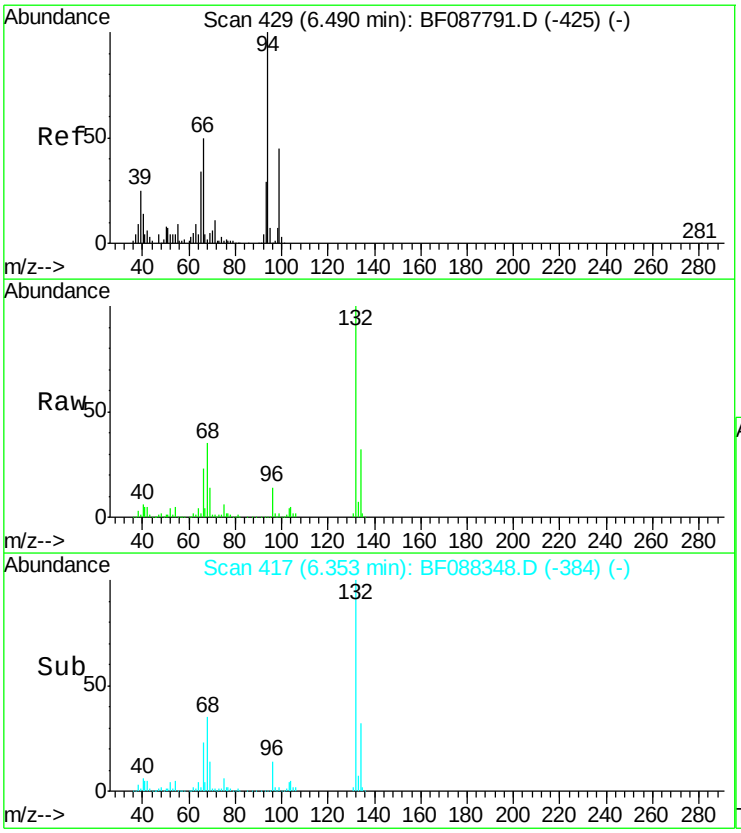
#7
Phenol-d6
Concen: 37.89 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Instrument :
BNA_F
ClientSampleId :
Q8-B5(0-16)C

Tgt Ion: 99 Resp: 332630

Ion	Ratio	Lower	Upper
99	100		
42	12.5	12.2	18.2
71	29.6	23.4	35.0

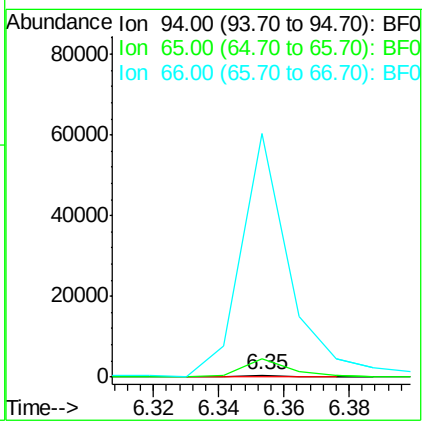


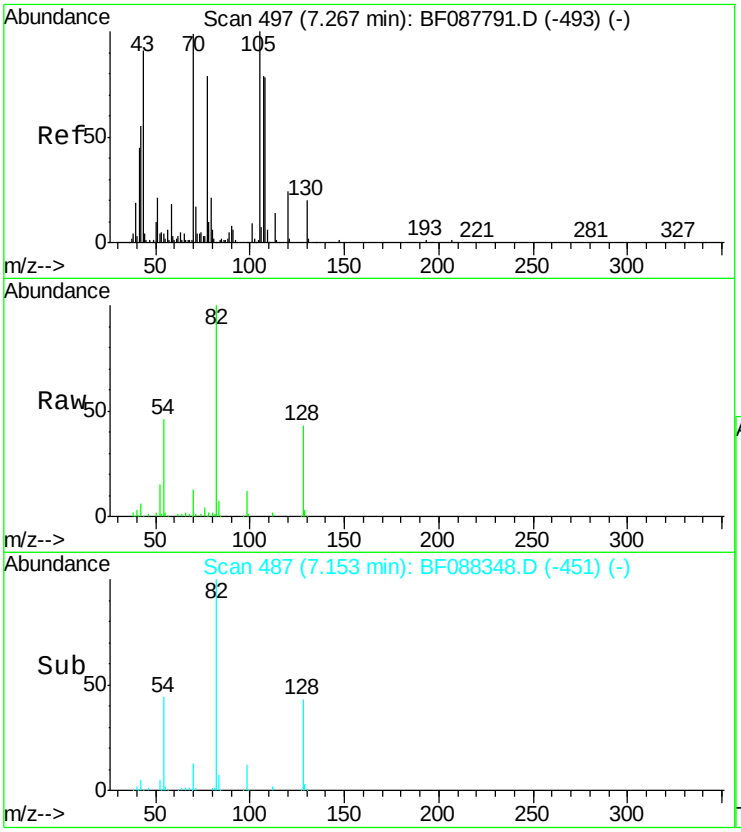


#10
Phenol
Concen: Below Cal
RT: 6.35 min Scan# 417
Delta R.T. 0.08 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Tgt Ion: 94 Resp: 392

Ion	Ratio	Lower	Upper
94	100		
65	797.9	5.9	45.9#
66	10546.9	14.0	54.0#



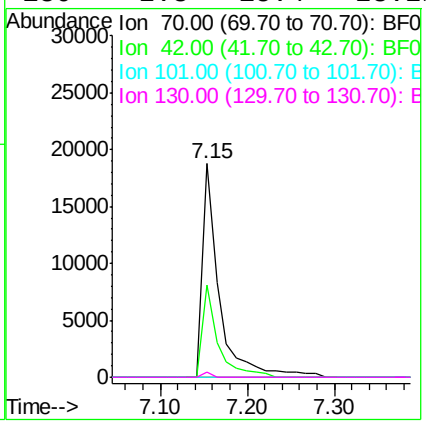


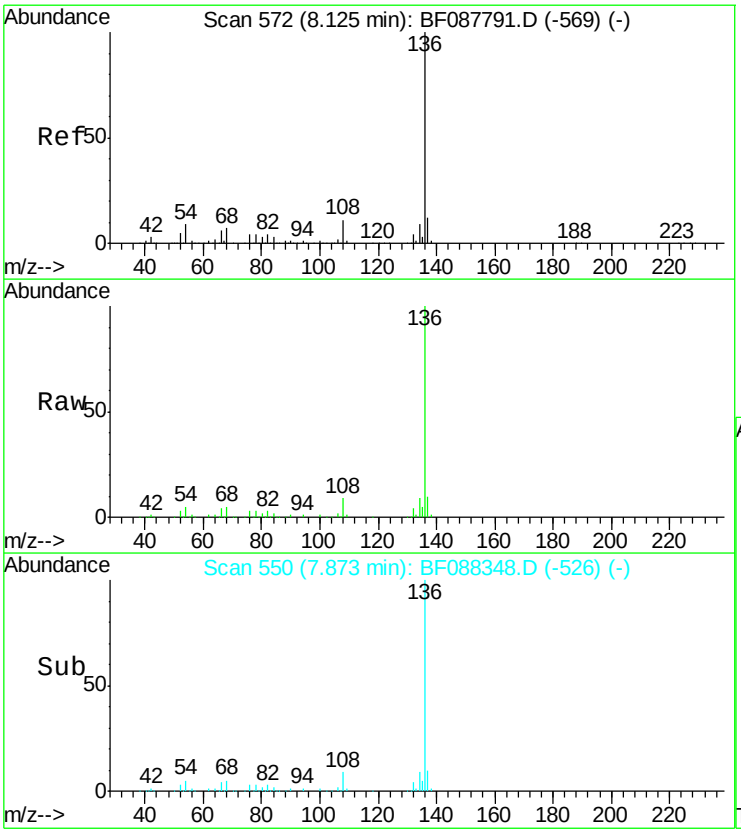
#19
n-Nitroso-di-n-propylamine
Concen: 4.47 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Instrument :
BNA_F
ClientSampleId :
Q8-B5(0-16)C

Tgt Ion: 70 Resp: 25109

Ion	Ratio	Lower	Upper
70	100		
42	43.2	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#

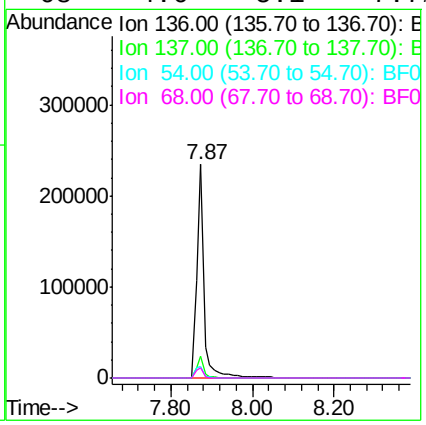


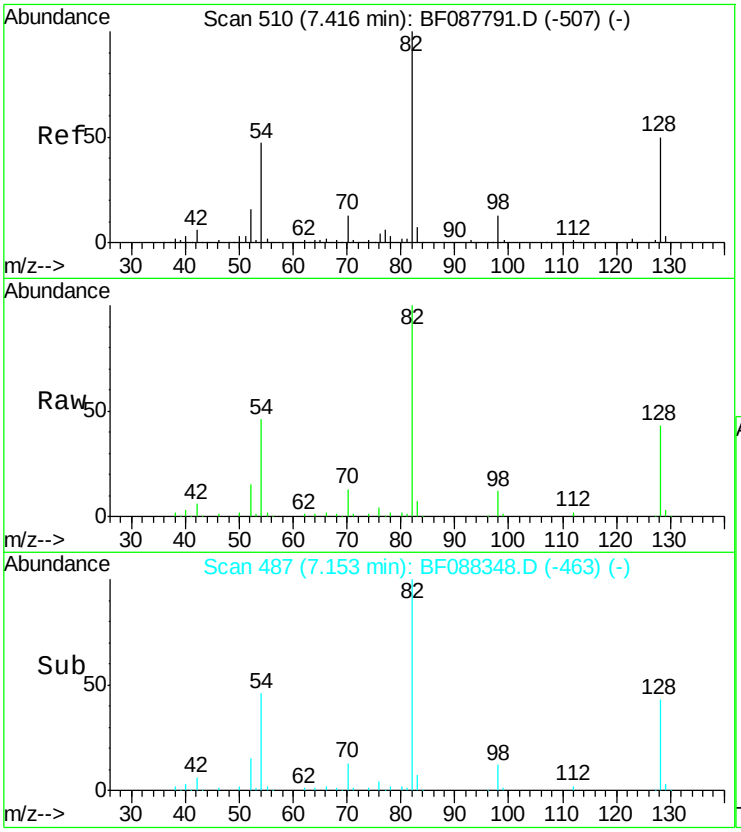


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Tgt Ion:136 Resp: 297022

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.2	6.6	10.0#
68	4.6	5.1	7.7#



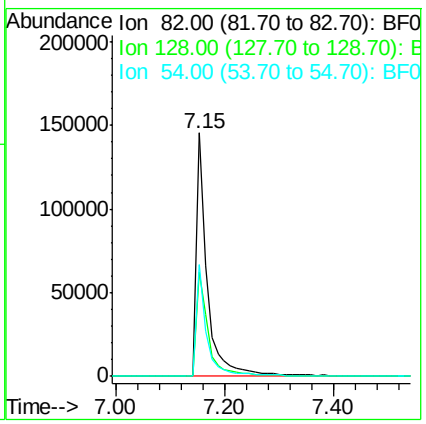


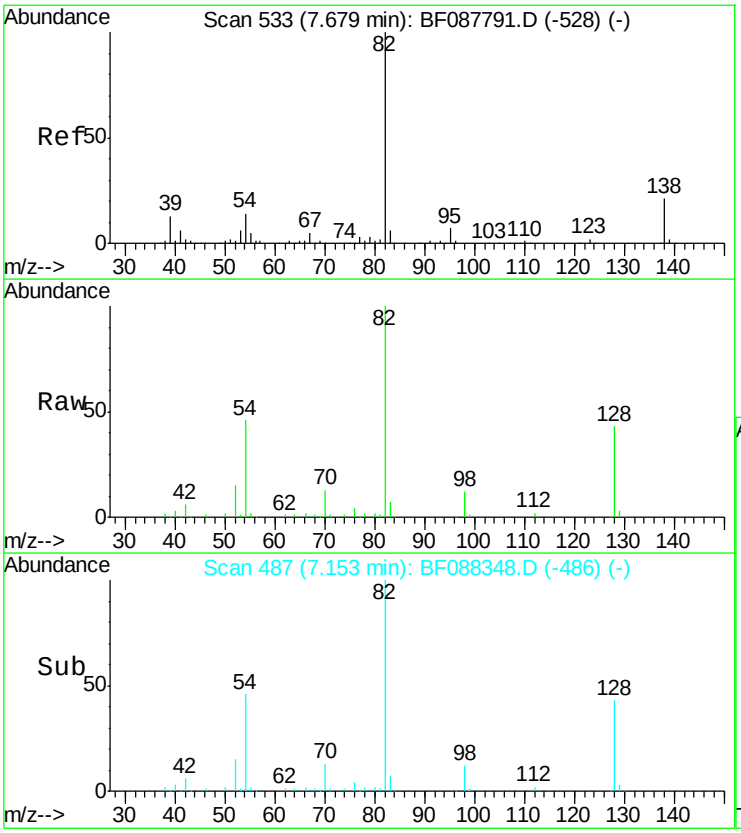
#23
Nitrobenzene-d5
Concen: 39.35 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Instrument :
BNA_F
ClientSampleId :
Q8-B5(0-16)C

Tgt Ion: 82 Resp: 200154

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.9	53.9
54	46.0	40.9	61.3

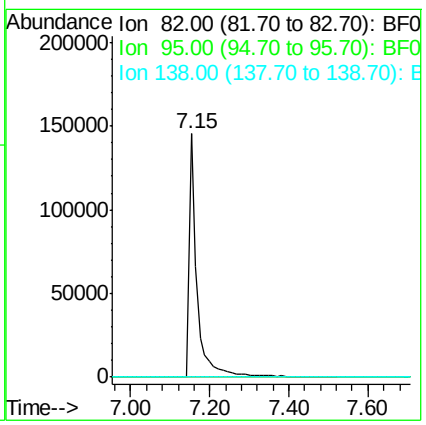


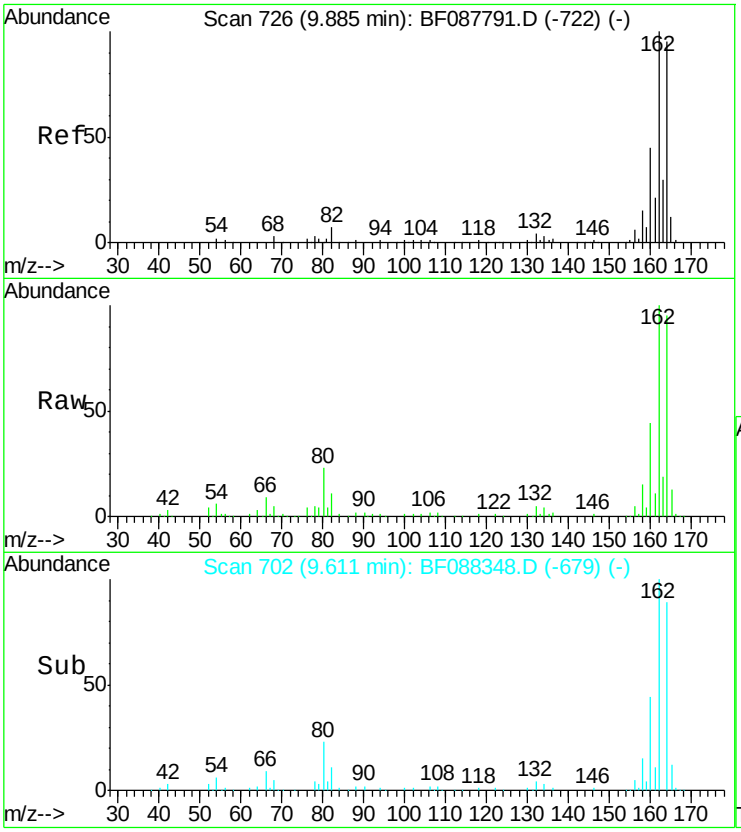


#25
Isophorone
Concen: 21.48 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.29 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Tgt Ion: 82 Resp: 202340

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



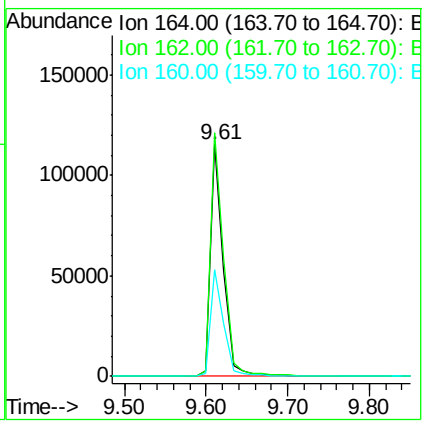


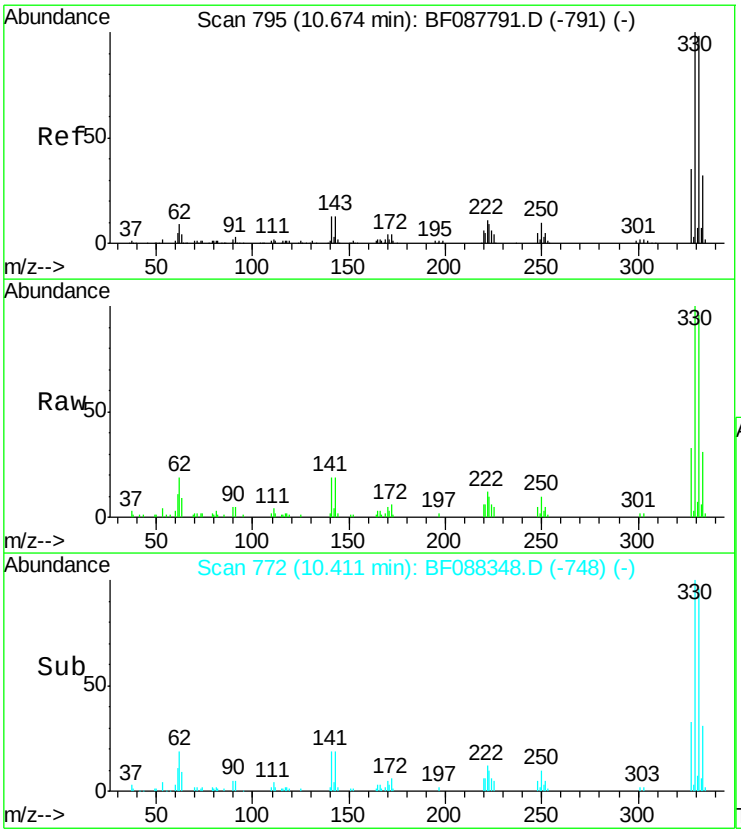
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Instrument :
BNA_F
ClientSampleId :
Q8-B5(0-16)C

Tgt Ion:164 Resp: 126626

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	45.8	39.5	59.3

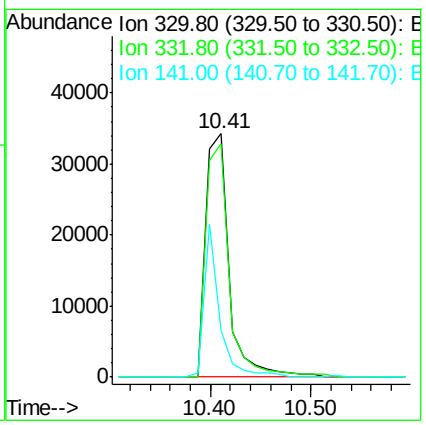


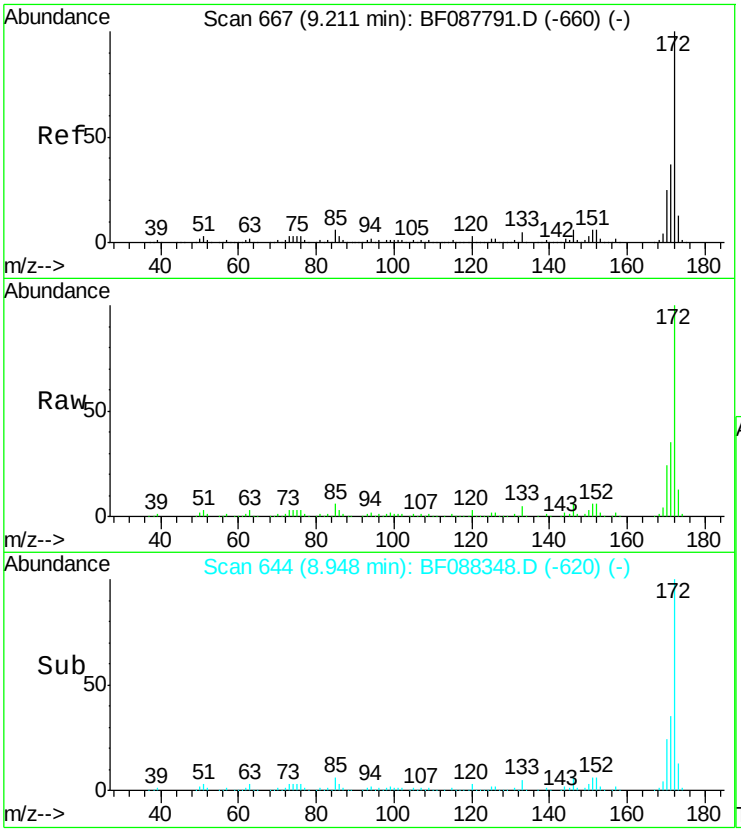


#41
2,4,6-Tribromophenol
Concen: 41.49 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Tgt Ion:330 Resp: 55480

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	40.7	0.0	0.0#



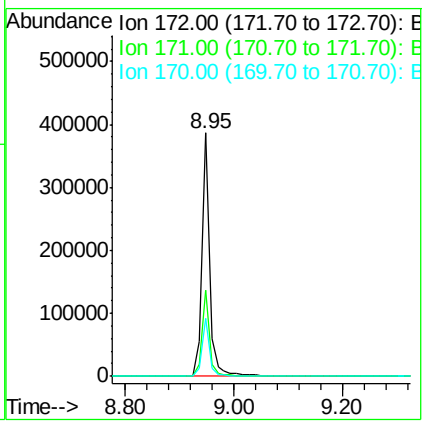


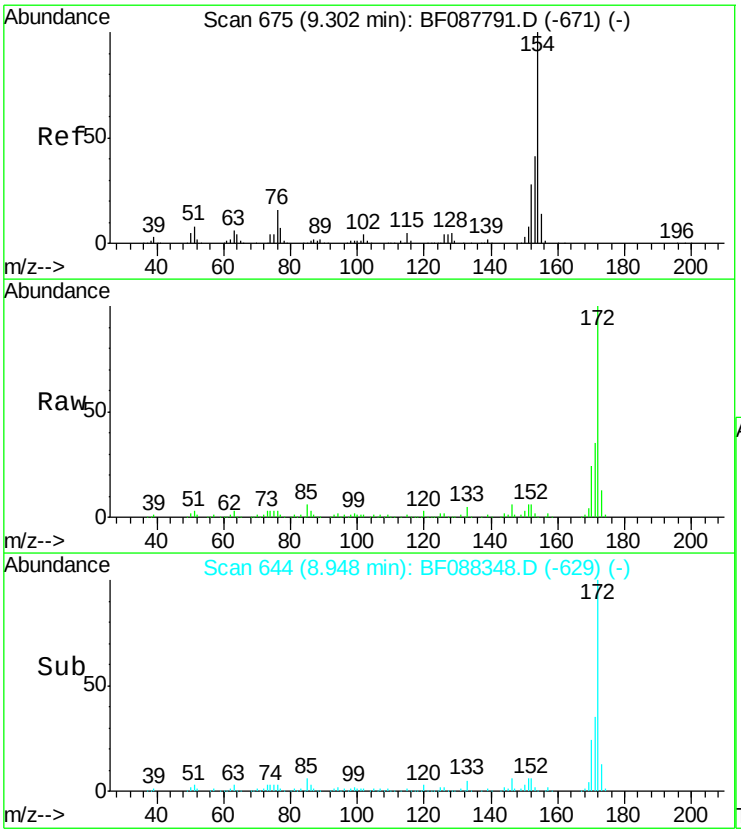
#44
2-Fluorobiphenyl
Concen: 44.19 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Instrument :
BNA_F
ClientSampleId :
Q8-B5(0-16)C

Tgt Ion:172 Resp: 377619

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	19.2	28.8

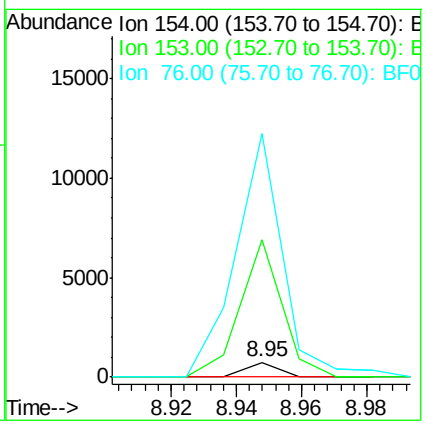


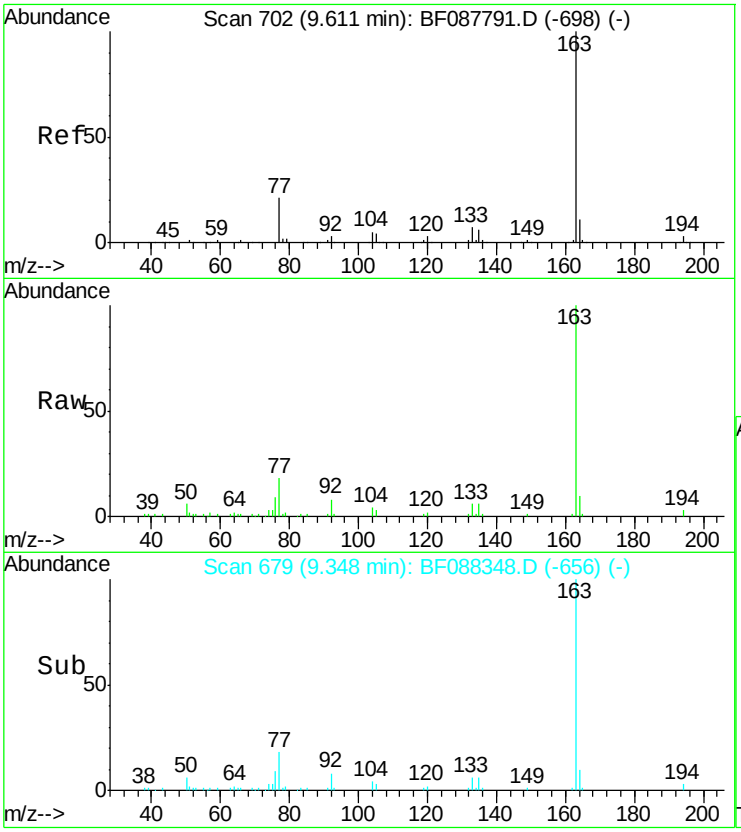


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.95 min Scan# 644
Delta R.T. -0.13 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Tgt Ion:154 Resp: 520

Ion	Ratio	Lower	Upper
154	100		
153	914.8	20.6	60.6#
76	1614.4	0.0	35.1#



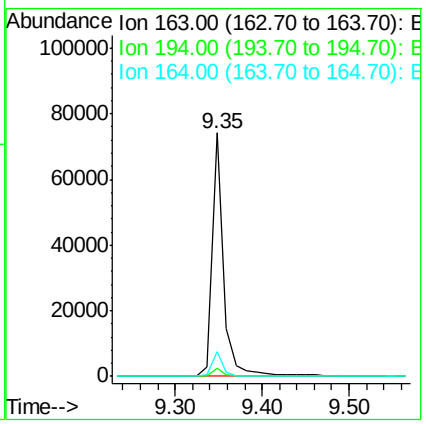


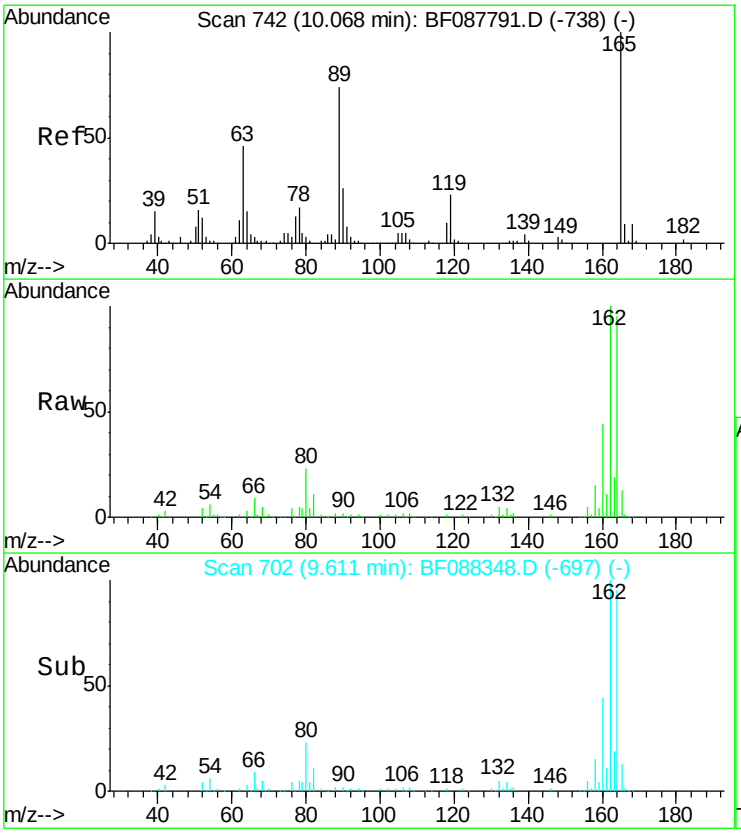
#49
Dimethylphthalate
Concen: 7.53 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Instrument :
BNA_F
ClientSampleId :
Q8-B5(0-16)C

Tgt Ion:163 Resp: 69075

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.2	8.3	12.5

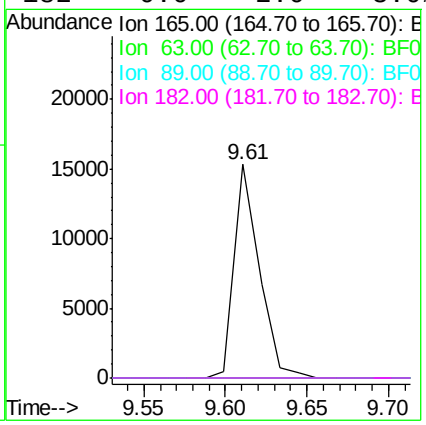


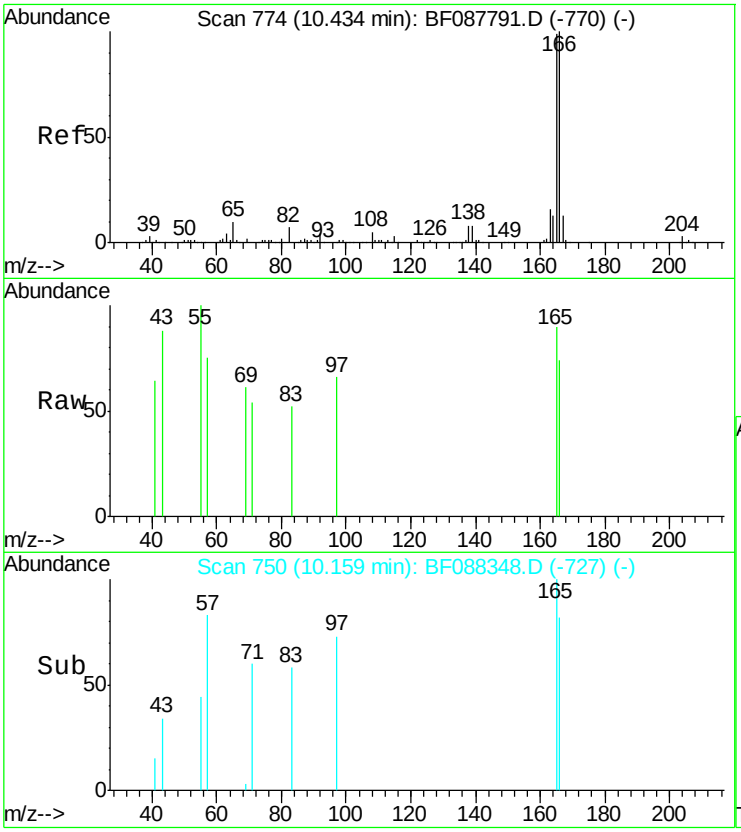


#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.24 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Tgt Ion:165 Resp: 16174

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#



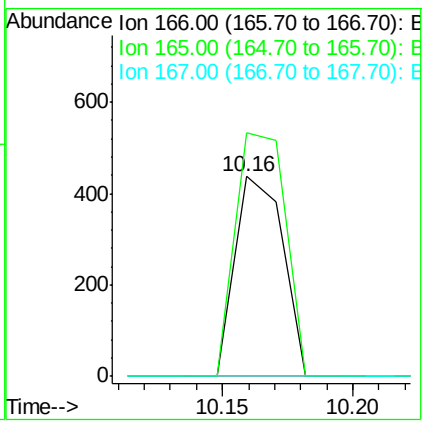


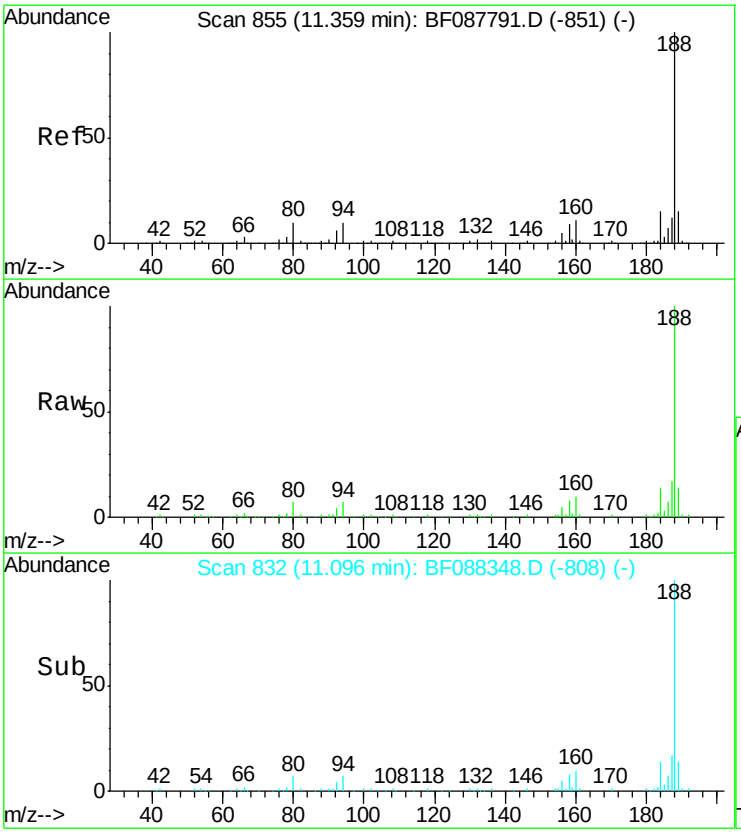
#57
Fluorene
Concen: Below Cal
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Instrument :
BNA_F
ClientSampleId :
Q8-B5(0-16)C

Tgt Ion:166 Resp: 562

Ion	Ratio	Lower	Upper
166	100		
165	122.0	77.8	116.8#
167	0.0	11.2	16.8#

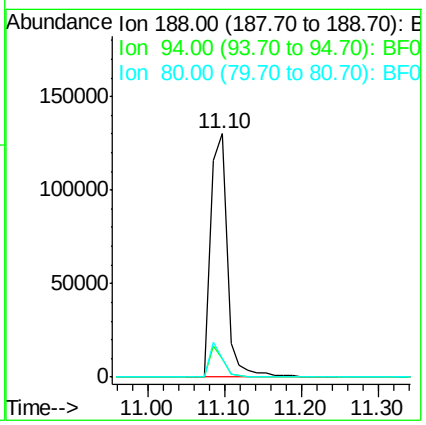


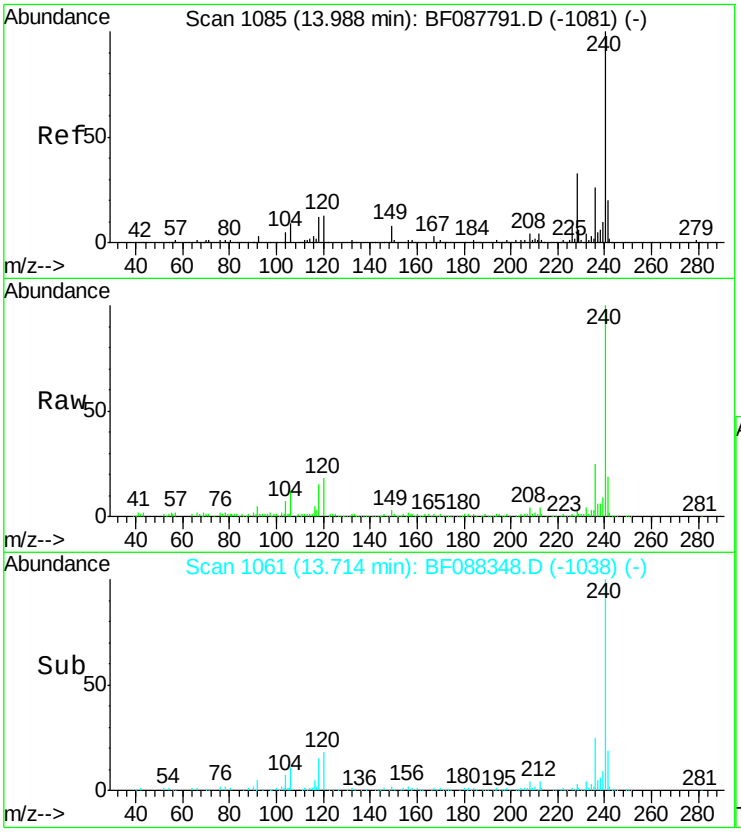


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Tgt Ion:188 Resp: 194561

Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.6#
80	7.3	10.0	15.0#



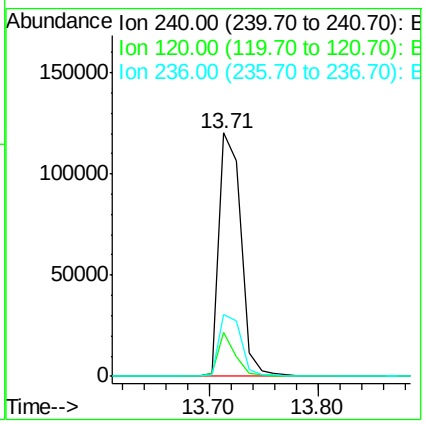


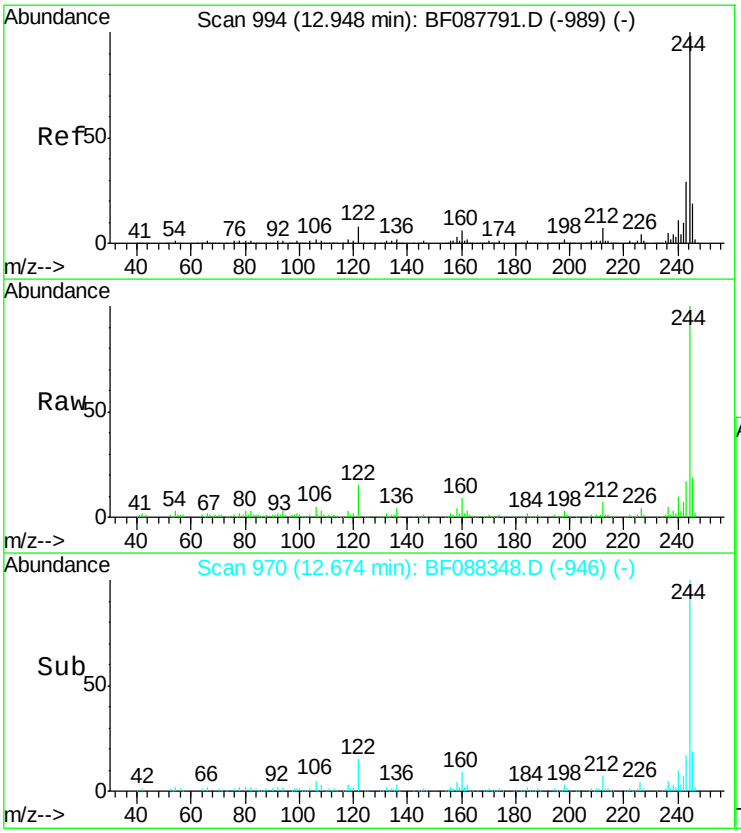
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Instrument :
BNA_F
ClientSampleId :
Q8-B5(0-16)C

Tgt Ion:240 Resp: 168312

Ion	Ratio	Lower	Upper
240	100		
120	17.8	6.8	10.2#
236	25.5	20.2	30.2

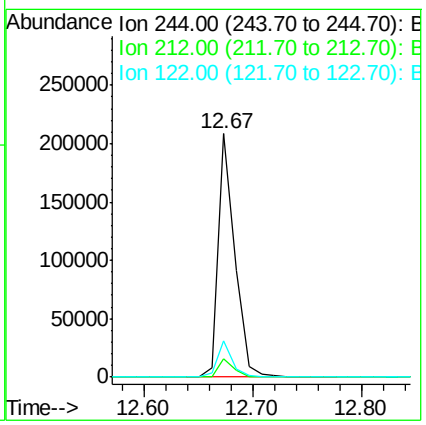


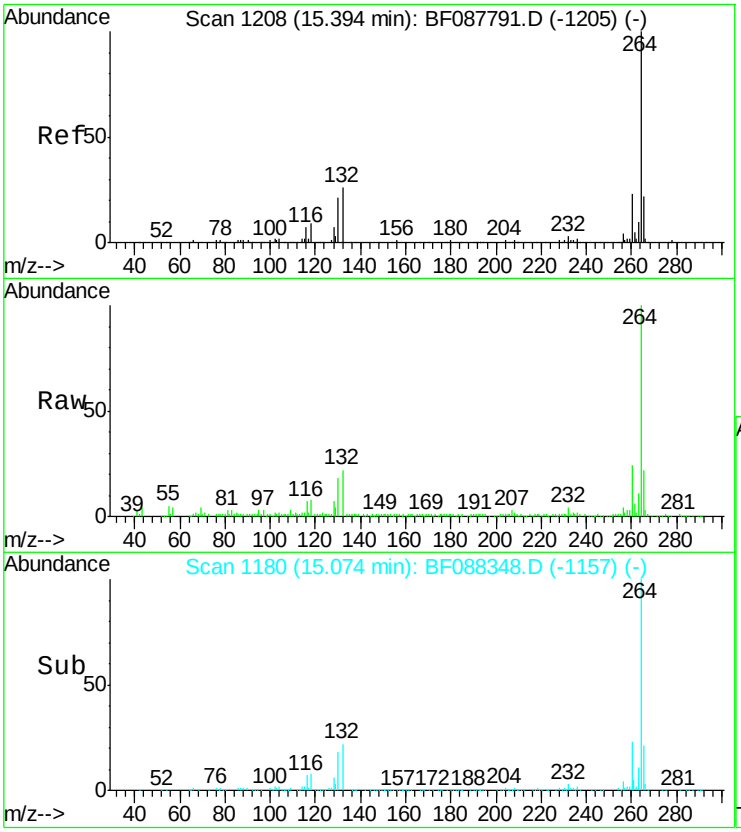


#78
Terphenyl-d14
Concen: 29.96 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Tgt Ion:244 Resp: 221567

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	15.1	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF088348.D
Acq: 24 Jun 2016 23:15

Instrument :
BNA_F
ClientSampleId :
Q8-B5(0-16)C

Tgt Ion:264 Resp: 131033

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	16.9	25.3