Quantitation Report (Not Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF060916\
Data File : BF087859.D
Acq On : 9 Jun 2016 18:26
Operator : UM/SJ
Sample : H3399-13DL 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-32DL

Quant Time: Jun 09 18:55:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	122596	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	427808	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	197763	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	298526	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	258920	20.00	ng		-0.03
86) Perylene-d12	15.36	264	224565	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	55113	7.69	ng		-0.02
7) Phenol-d6	6.44	99	71670	8.25	ng		-0.03
23) Nitrobenzene-d5	7.38	82	35811	4.89	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	12870	6.16	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	83712	1.19	ng		-0.03
78) Terphenyl-d14	12.90	244	46932	4.12	ng		-0.05
Target Compounds							Qvalue
45) 1,1'-Biphenyl	9.28	154	636	Below Cal			84
50) 2,6-Dinitrotoluene	9.85	165	25321	7.72	ng	#	39
56) 2,4-Dinitrotoluene	9.85	165	25322	6.01	ng	#	37
57) Fluorene	10.40	166	3373	Below Cal			98
70) Phenanthrene	11.35	178	35720	2.28	ng		99
74) Fluoranthene	12.54	202	49079	2.97	ng		96
77) Pyrene	12.76	202	40044	2.08	ng		99
79) Butylbenzylphthalate	13.39	149	450727	53.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	56113	5.43	ng	#	58
84) Di-n-octyl phthalate	14.56	149	106339	6.33	ng	#	100
88) Benzo(k)fluoranthene	14.96	252	28332	2.40	ng	#	92

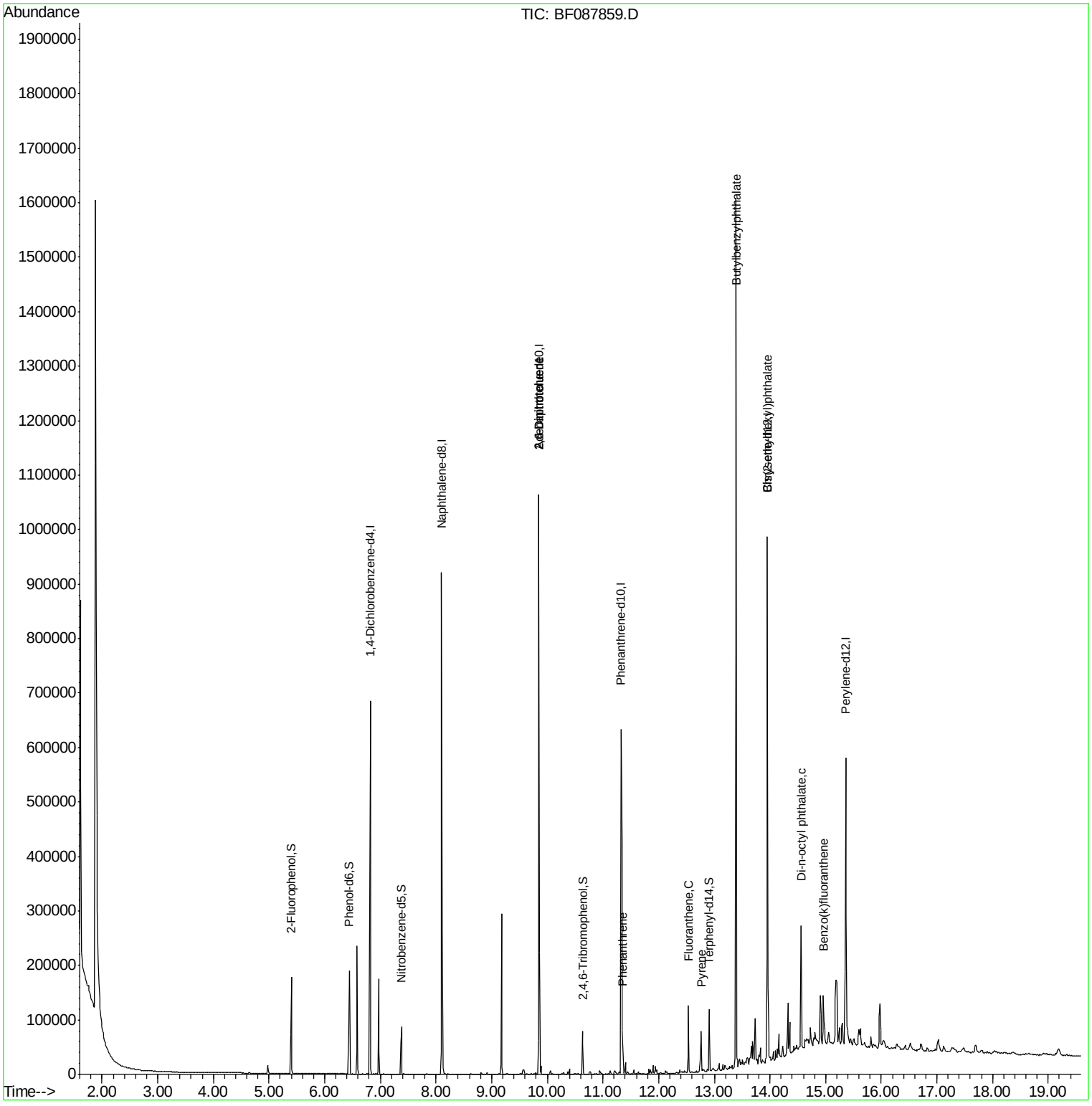
(#) = qualifier out of range (m) = manual integration (+) = signals summed

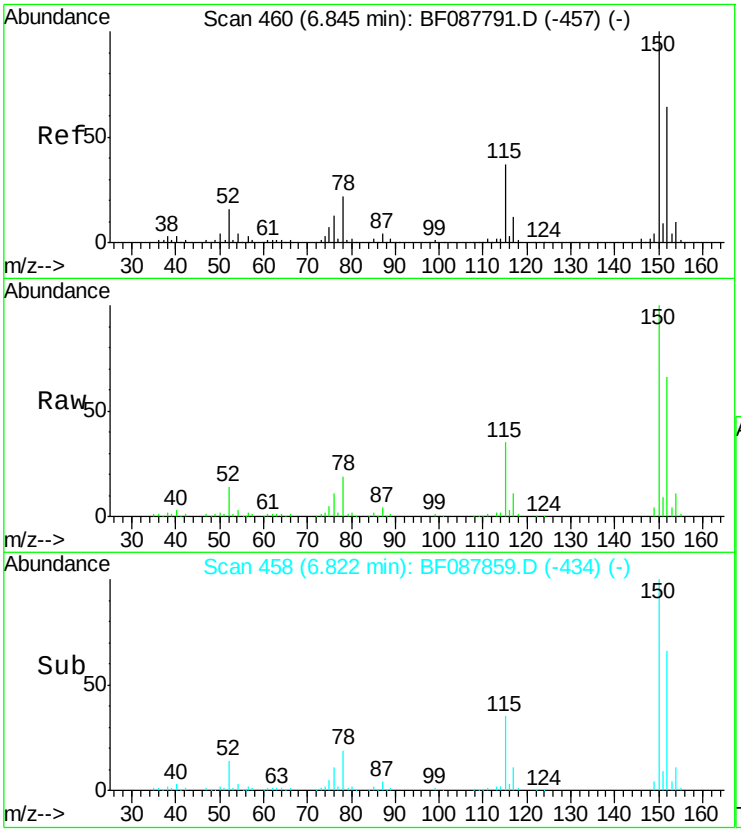
Quantitation Report (Not Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF060916\
Data File : BF087859.D
Acq On : 9 Jun 2016 18:26
Operator : UM/SJ
Sample : H3399-13DL 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Quant Time: Jun 09 18:55:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration



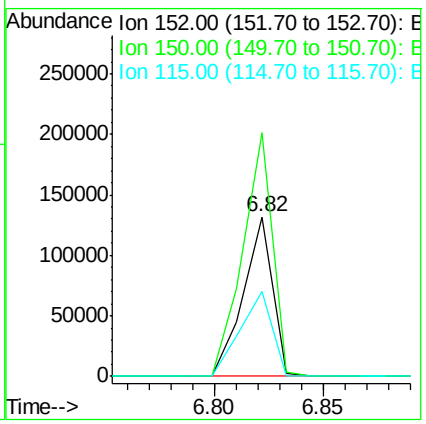


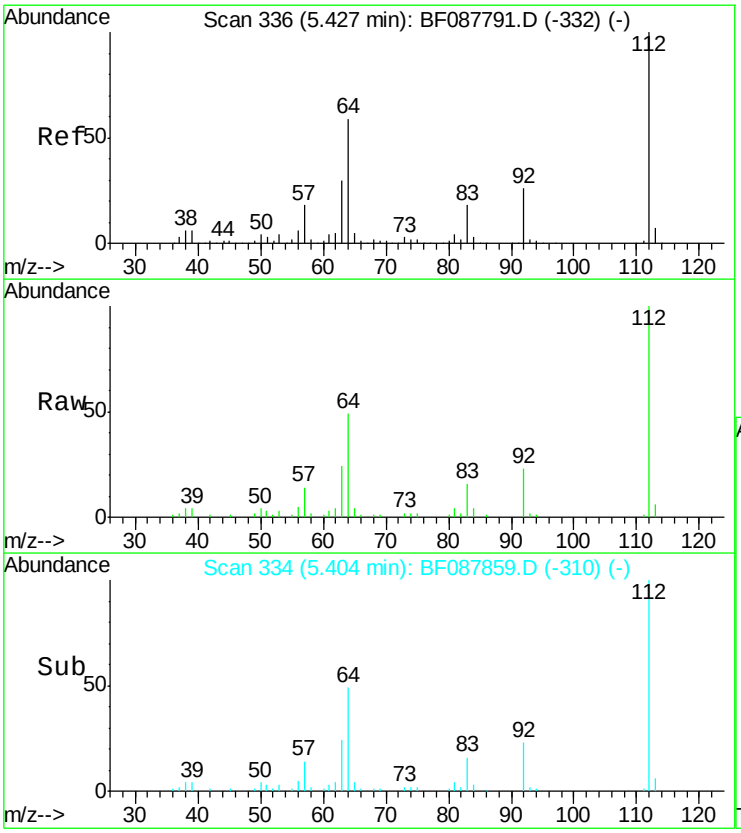
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion:152 Resp: 122596

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.8	185.6
115	53.0	39.6	59.4

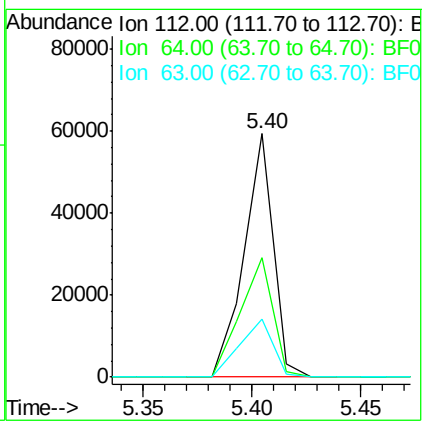


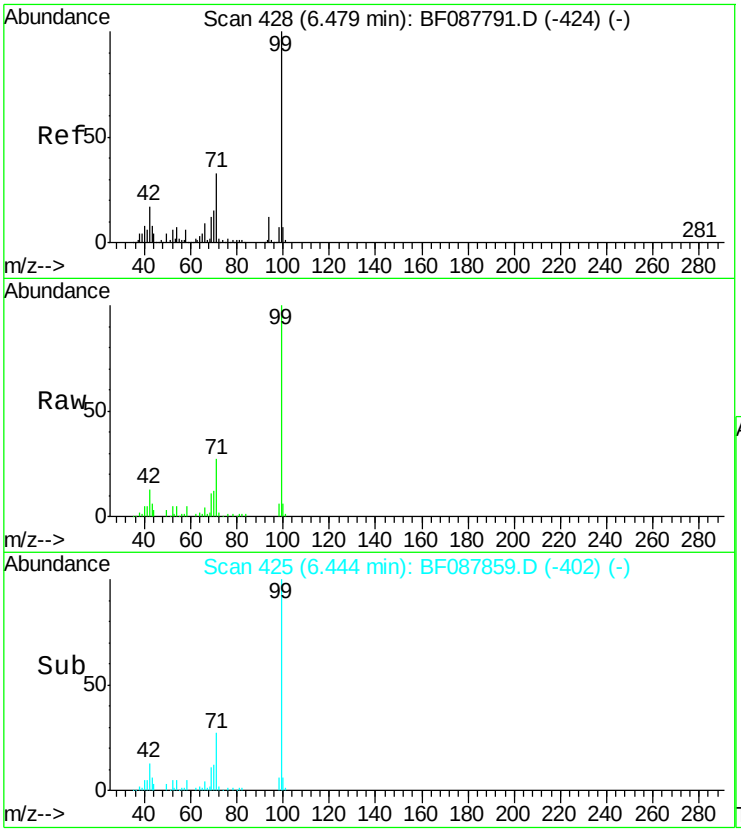


#5
2-Fluorophenol
Concen: 7.69 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:112 Resp: 55113

Ion	Ratio	Lower	Upper
112	100		
64	48.9	42.2	63.2
63	23.9	21.8	32.8



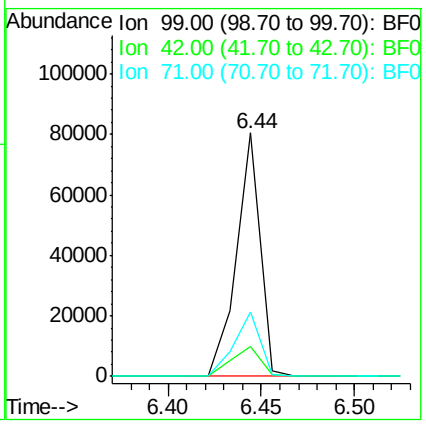


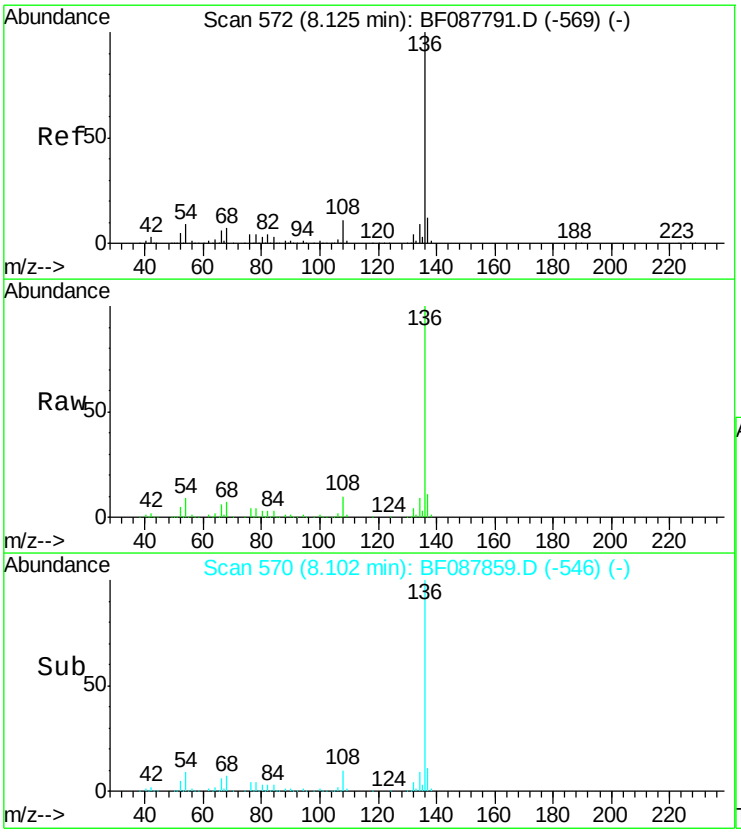
#7
Phenol-d6
Concen: 8.25 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion: 99 Resp: 71670

Ion	Ratio	Lower	Upper
99	100		
42	12.5	12.2	18.2
71	26.7	23.4	35.0

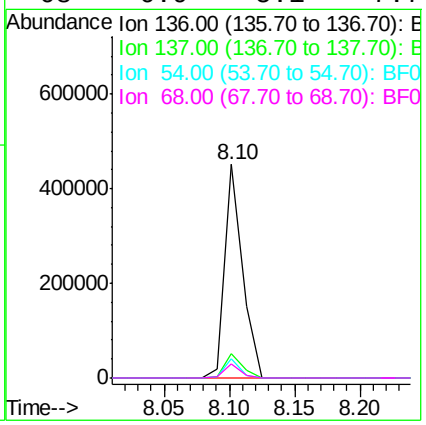


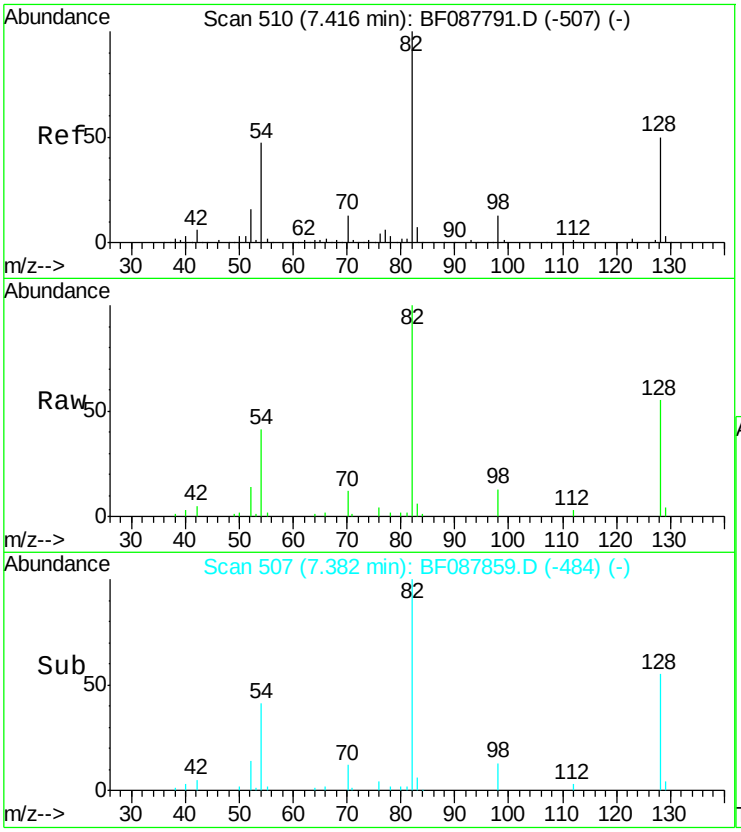


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:136 Resp: 427808

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.0	6.6	10.0
68	6.9	5.1	7.7



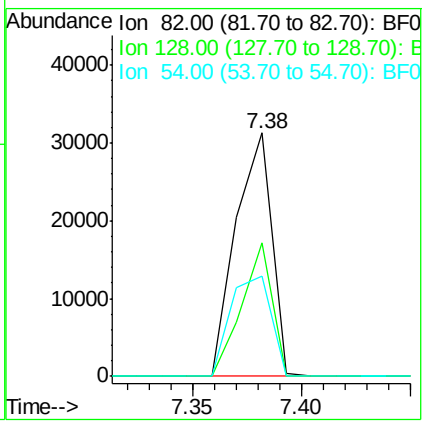


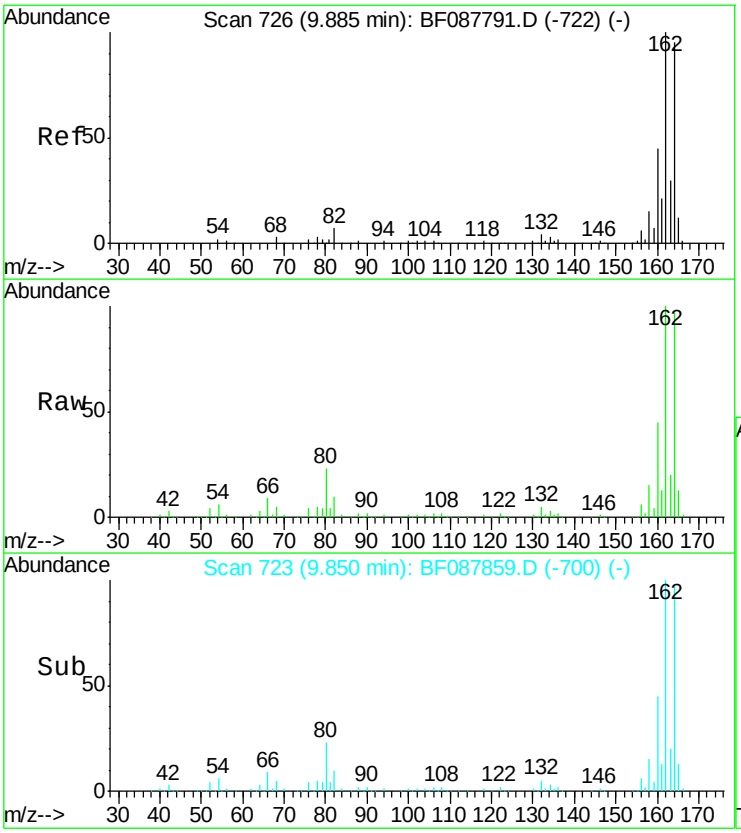
#23
Nitrobenzene-d5
Concen: 4.89 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion: 82 Resp: 35811

Ion	Ratio	Lower	Upper
82	100		
128	54.8	35.9	53.9#
54	41.2	40.9	61.3

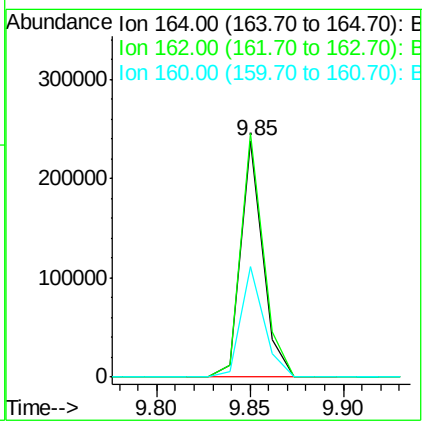


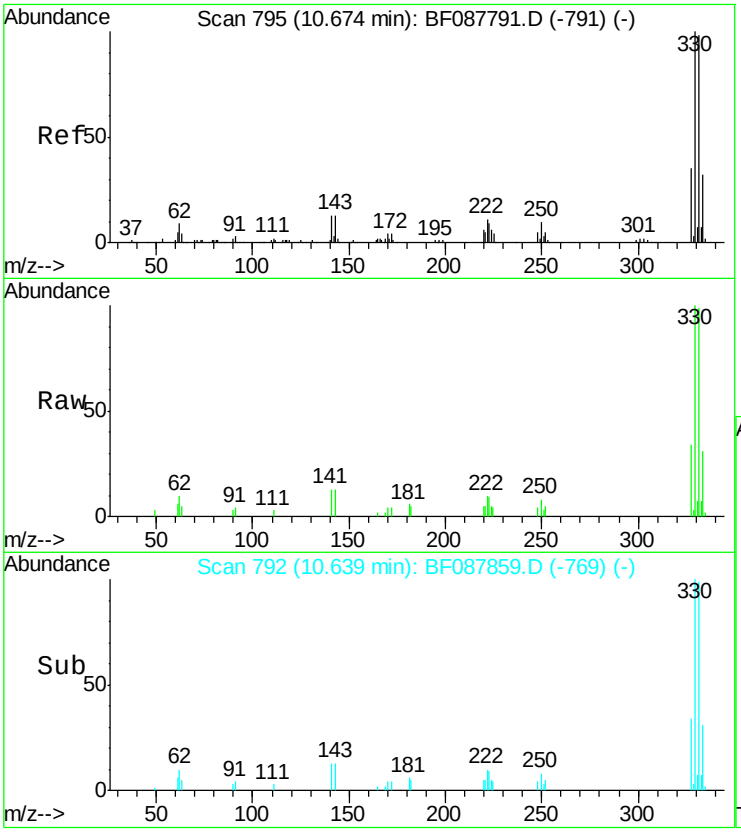


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:164 Resp: 197763

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.4	128.2
160	46.8	39.5	59.3



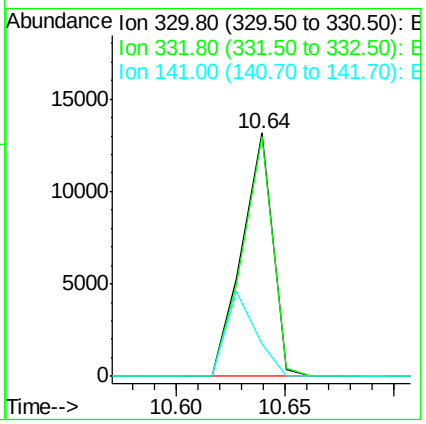


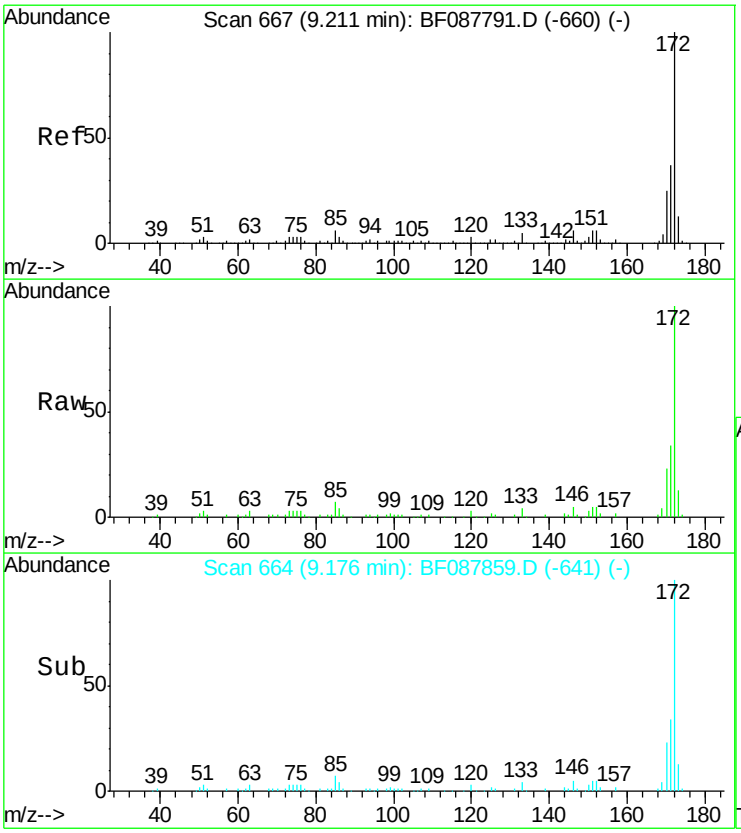
#41
2,4,6-Tribromophenol
Concen: 6.16 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion:330 Resp: 12870

Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	33.8	0.0	0.0#

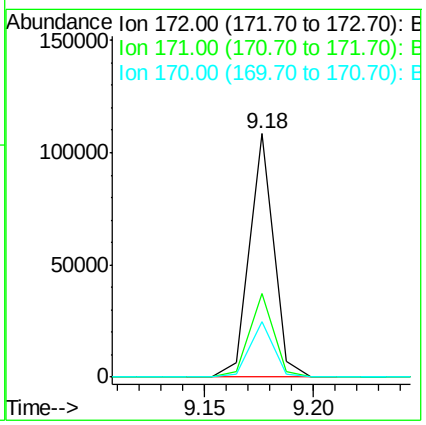


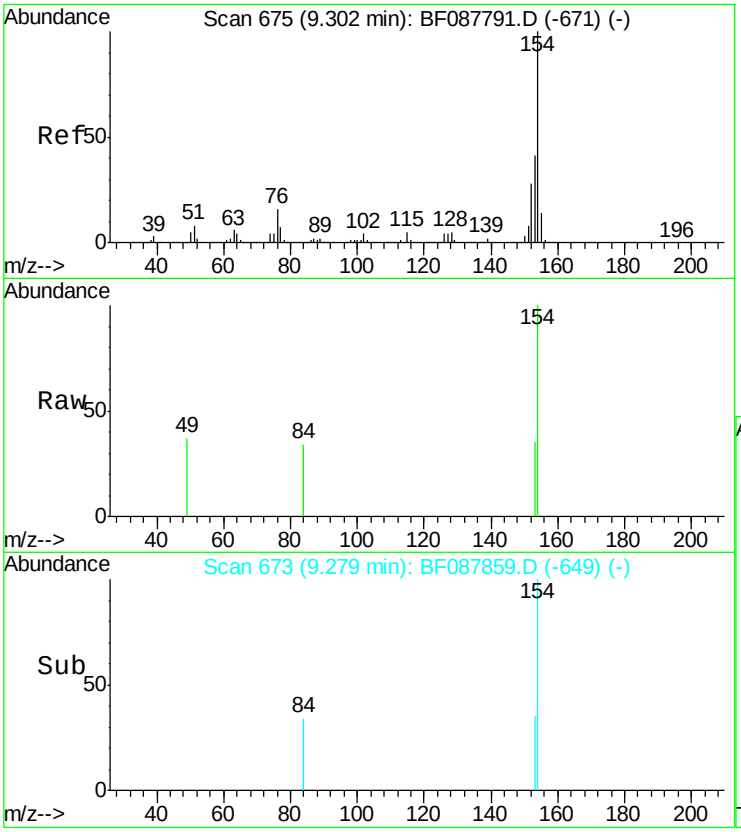


#44
2-Fluorobiphenyl
Concen: 1.19 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:172 Resp: 83712

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	22.8	19.2	28.8



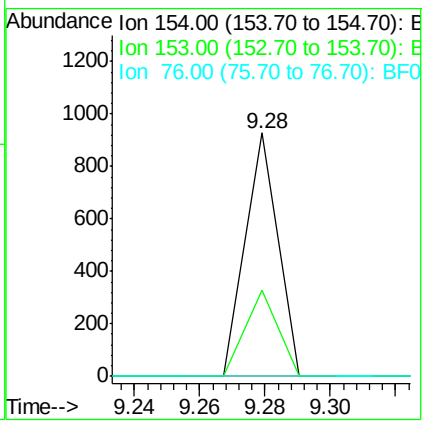


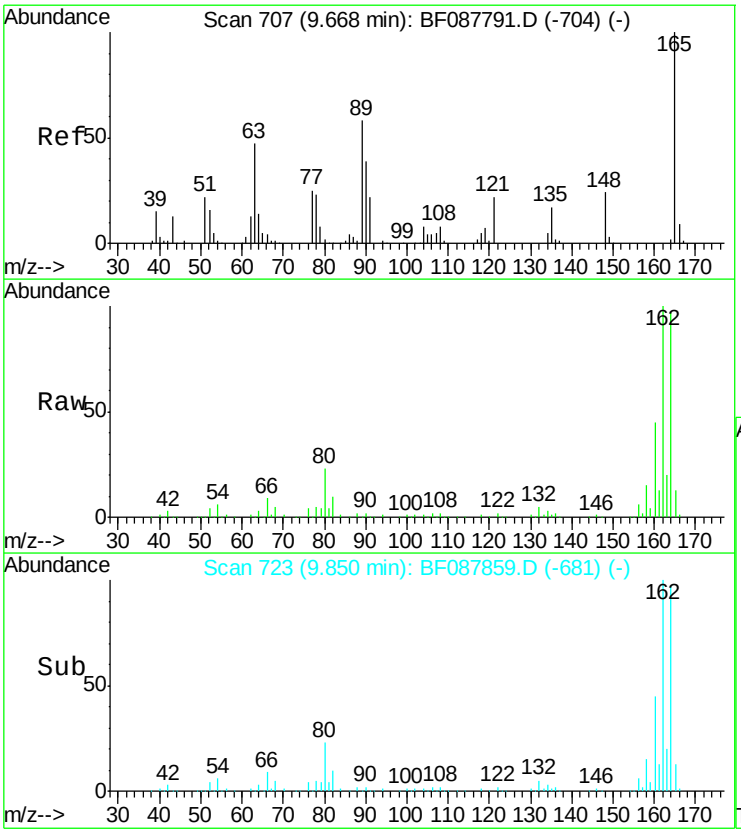
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.28 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion:154 Resp: 636

Ion	Ratio	Lower	Upper
154	100		
153	35.5	20.6	60.6
76	0.0	0.0	35.1

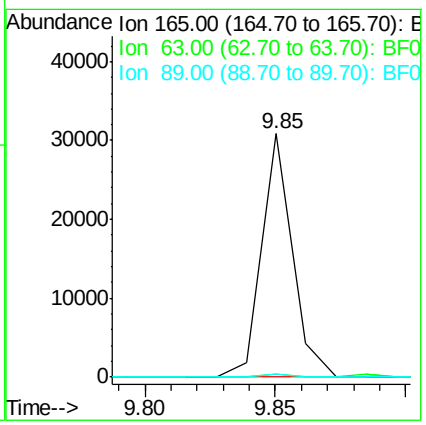


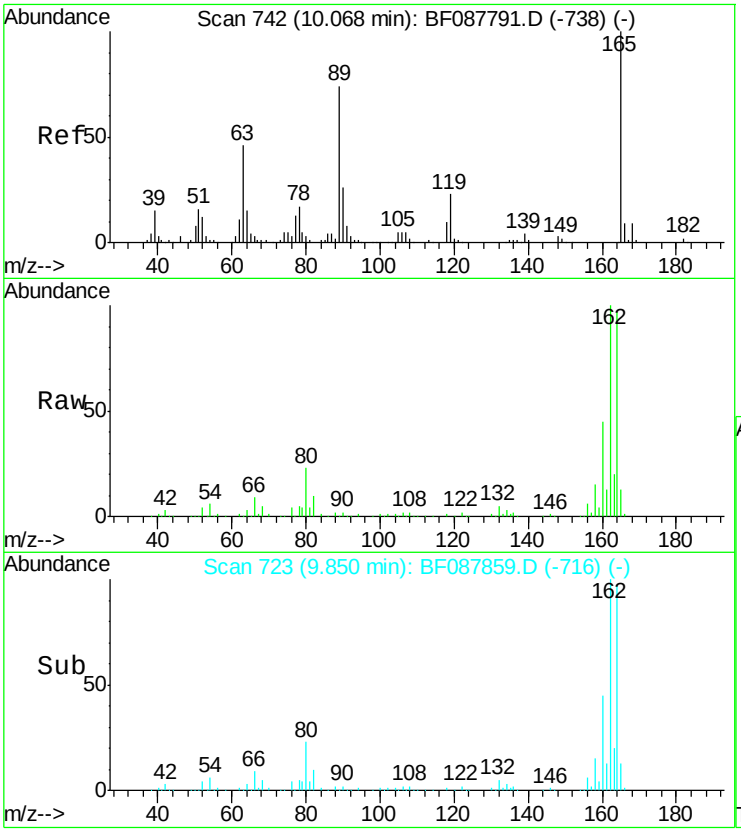


#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.18 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:165 Resp: 25321

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.1	42.1#
89	1.3	32.2	48.2#



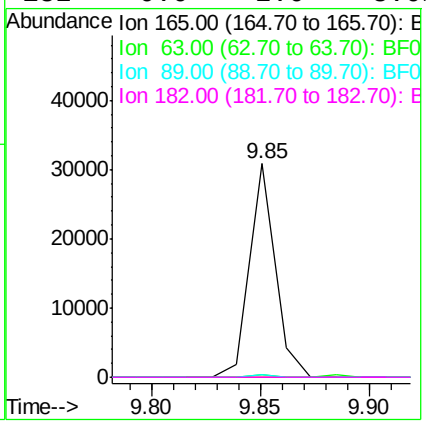


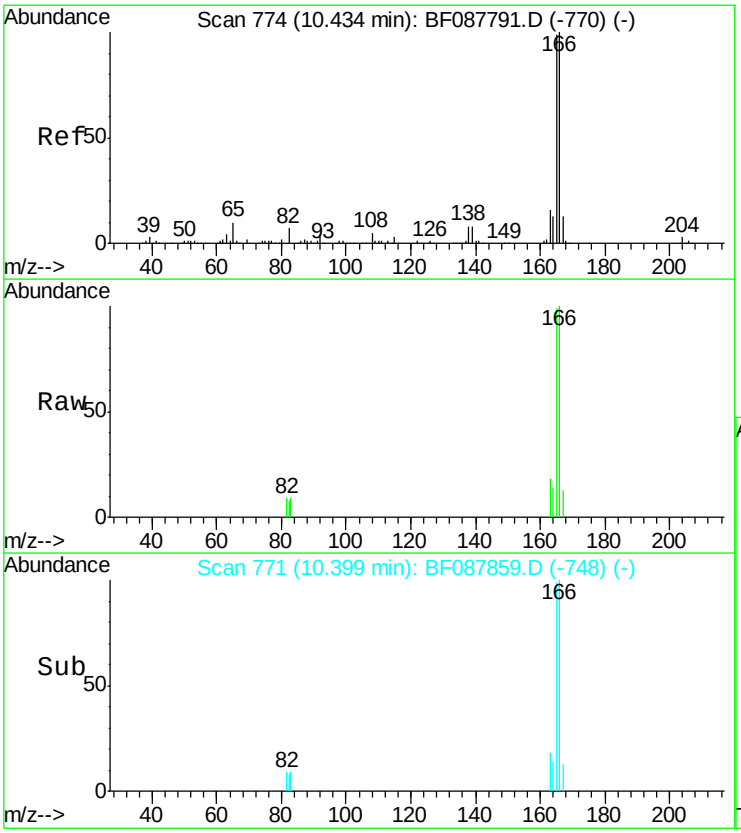
#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion:165 Resp: 25322

Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.3	41.1	61.7#
182	0.0	2.0	3.0#

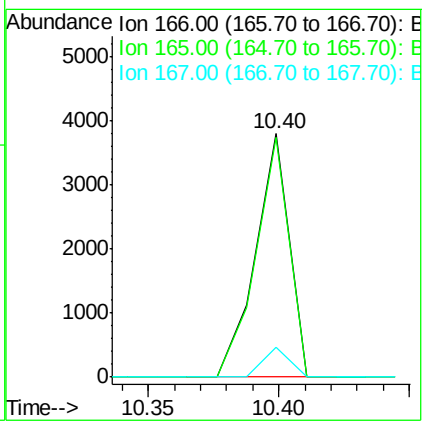


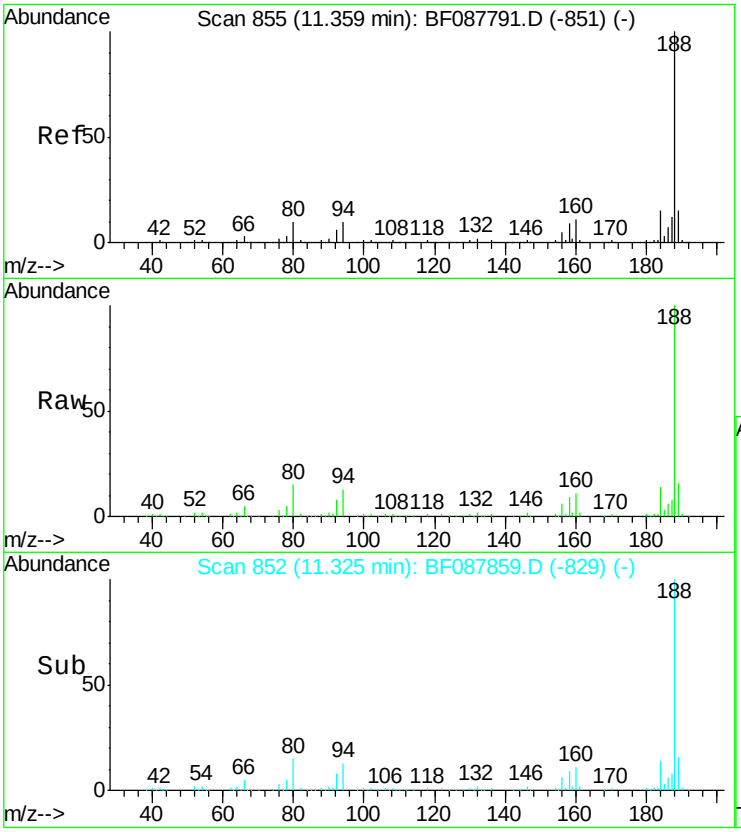


#57
Fluorene
Concen: Below Cal
RT: 10.40 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:166 Resp: 3373

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.8
167	12.5	11.2	16.8



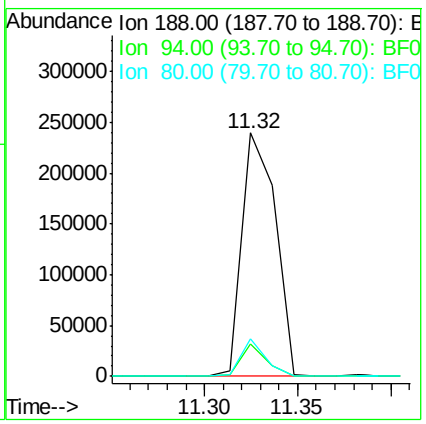


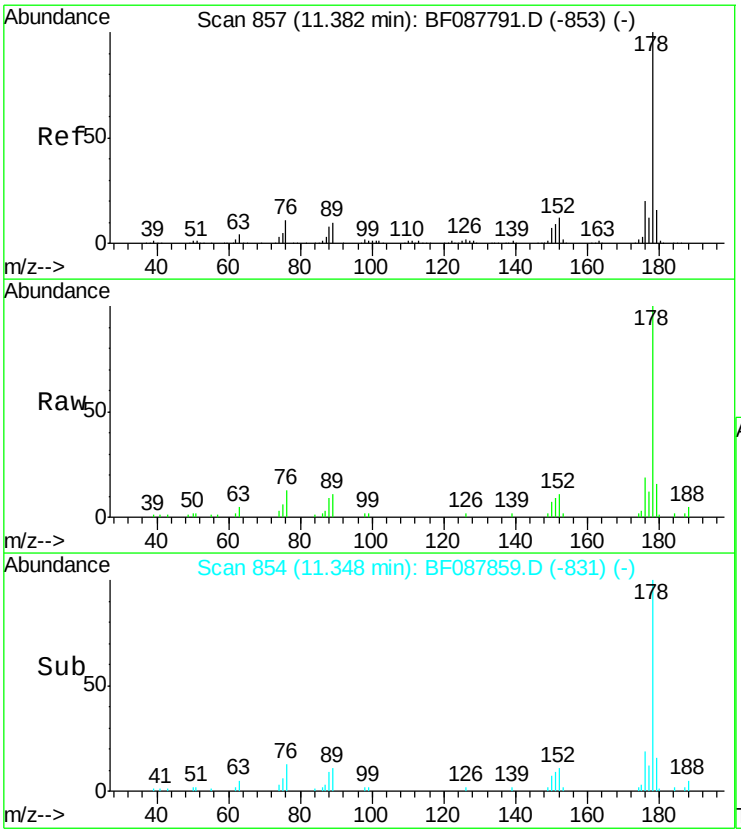
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion:188 Resp: 298526

Ion	Ratio	Lower	Upper
188	100		
94	13.3	9.0	13.6
80	15.2	10.0	15.0#

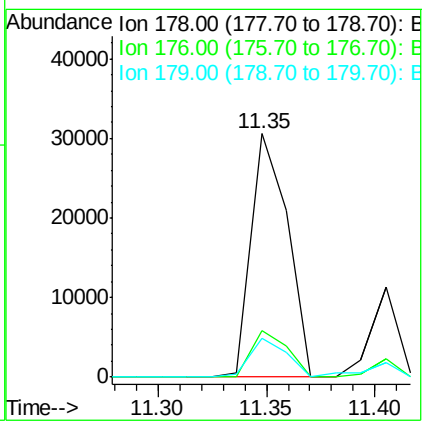


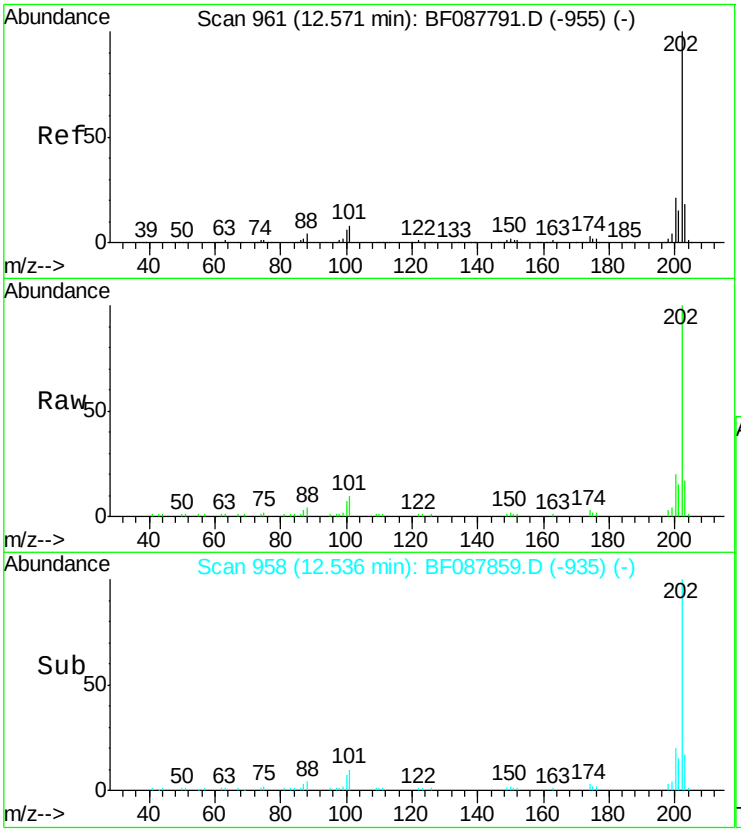


#70
Phenanthrene
Concen: 2.28 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:178 Resp: 35720

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.7	13.0	19.4



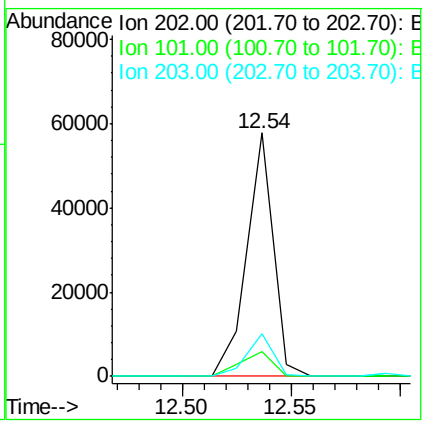


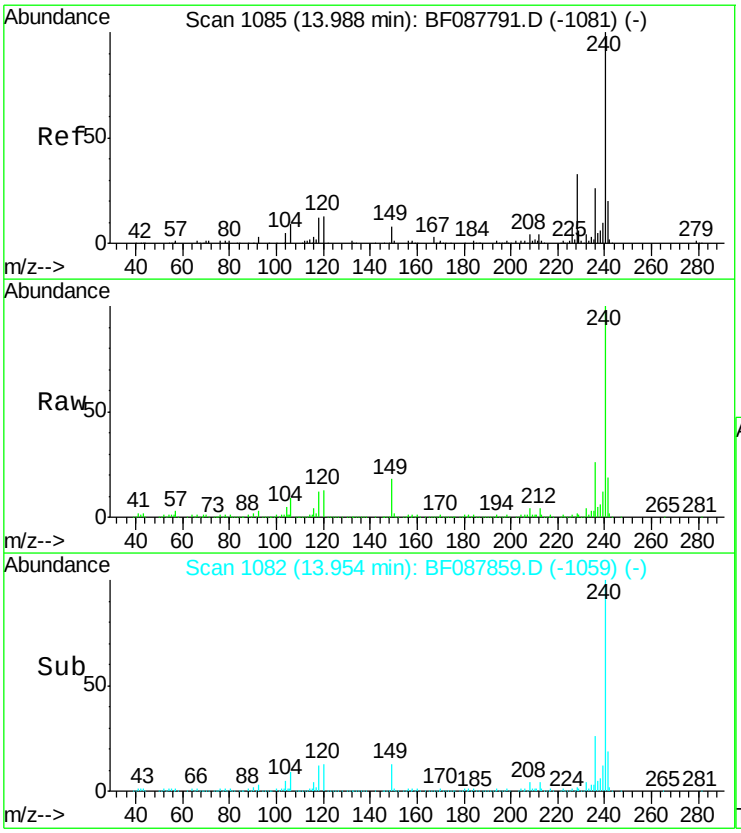
#74
Fluoranthene
Concen: 2.97 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion:202 Resp: 49079

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.1
203	17.5	0.0	38.1

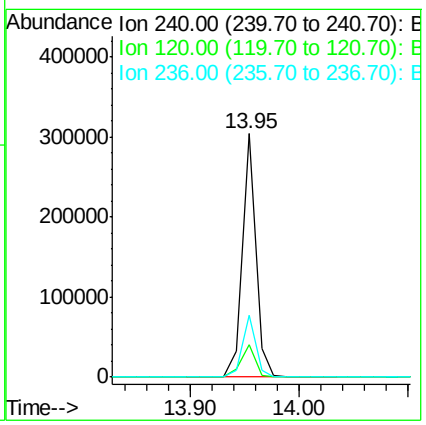


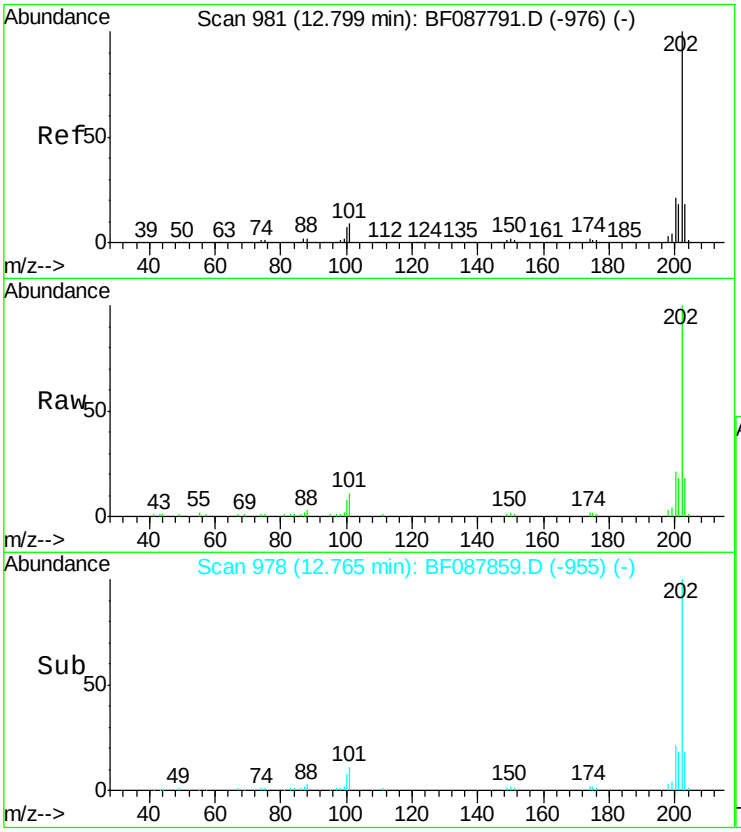


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:240 Resp: 258920

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.8	10.2#
236	25.6	20.2	30.2



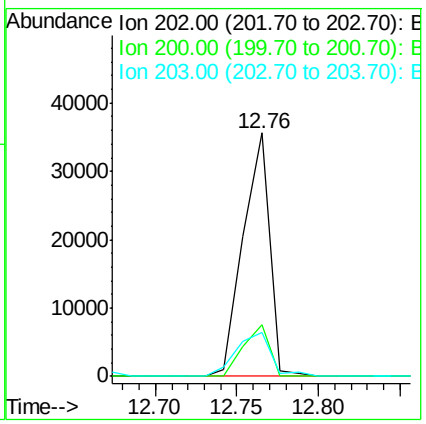


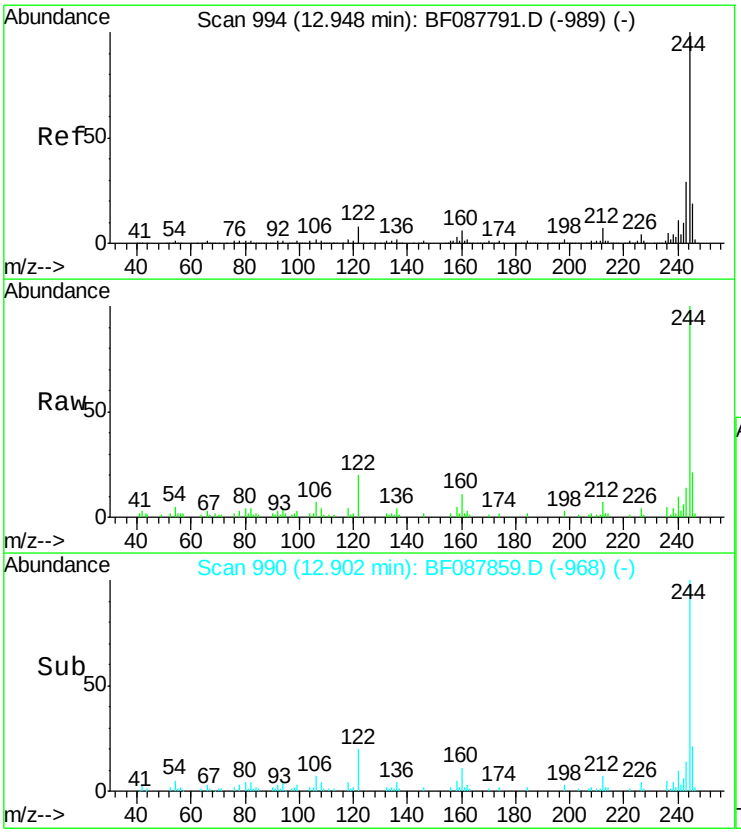
#77
Pyrene
Concen: 2.08 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion:202 Resp: 40044

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.0	14.5	21.7

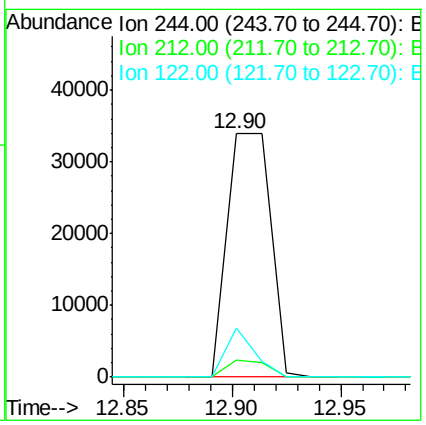


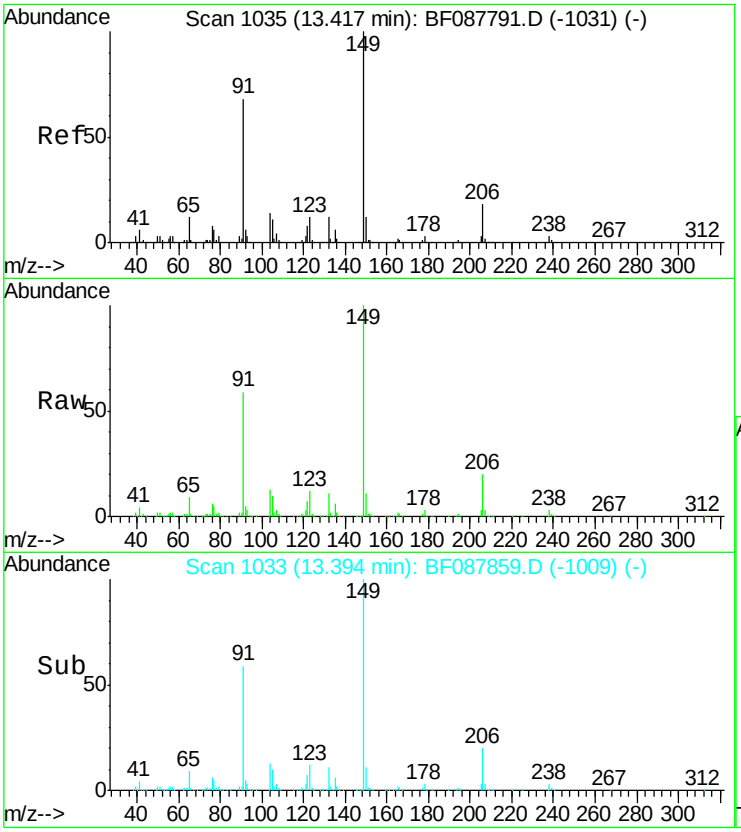


#78
Terphenyl-d14
Concen: 4.12 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:244 Resp: 46932

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	20.3	11.2	16.8#



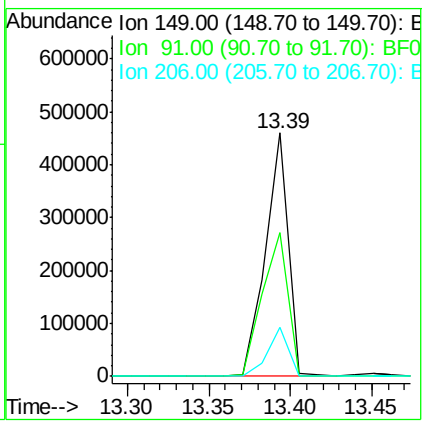


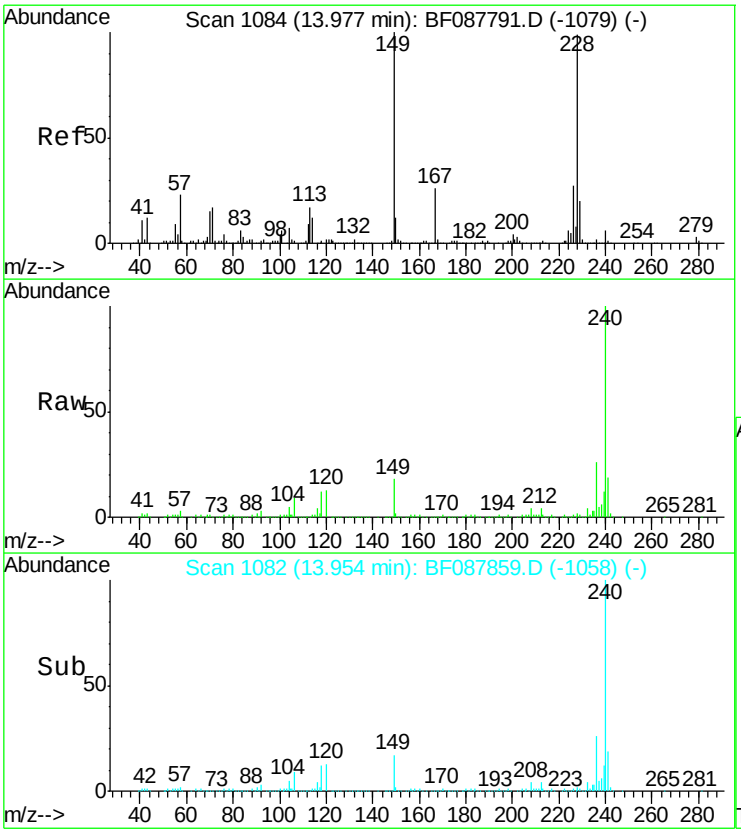
#79
Butylbenzylphthalate
Concen: 53.06 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion:149 Resp: 450727

Ion	Ratio	Lower	Upper
149	100		
91	59.3	48.0	72.0
206	20.3	16.0	24.0

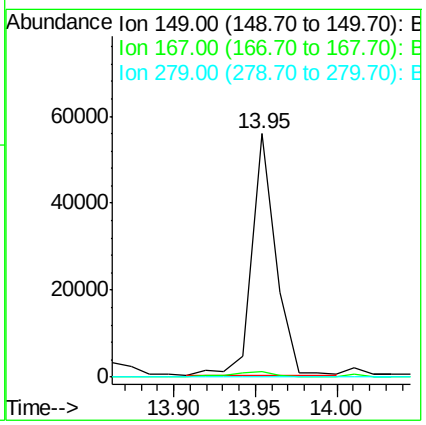


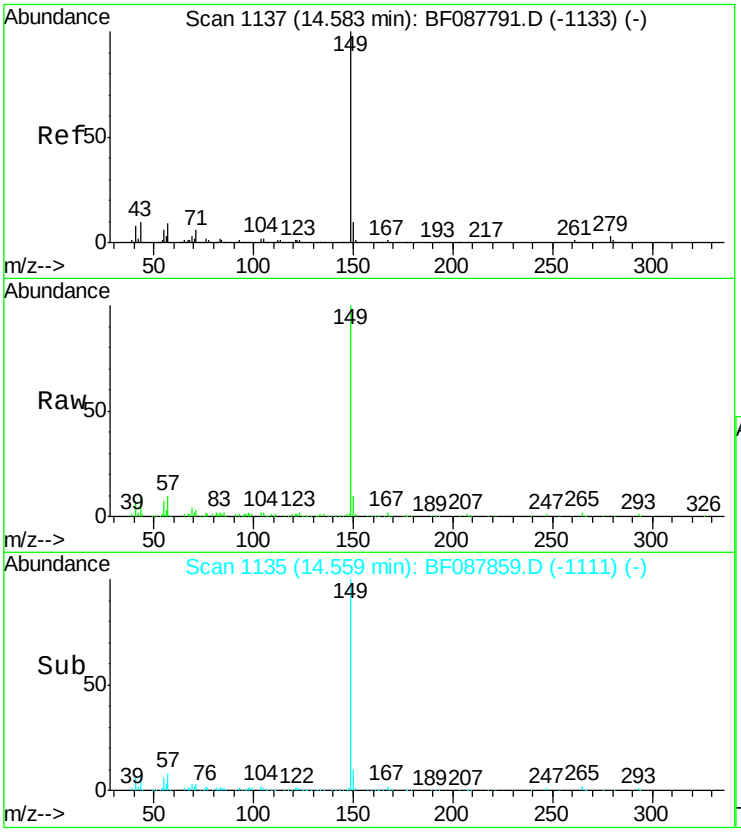


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.43 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:149 Resp: 56113

Ion	Ratio	Lower	Upper
149	100		
167	2.5	20.5	30.7#
279	0.0	2.0	3.0#



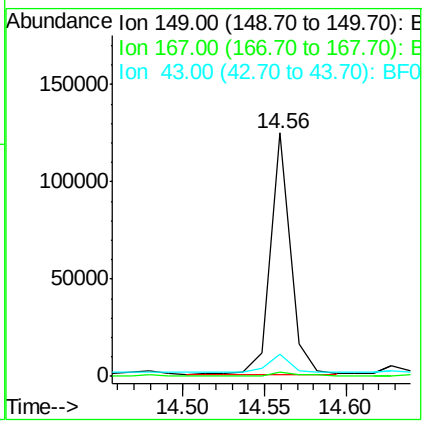


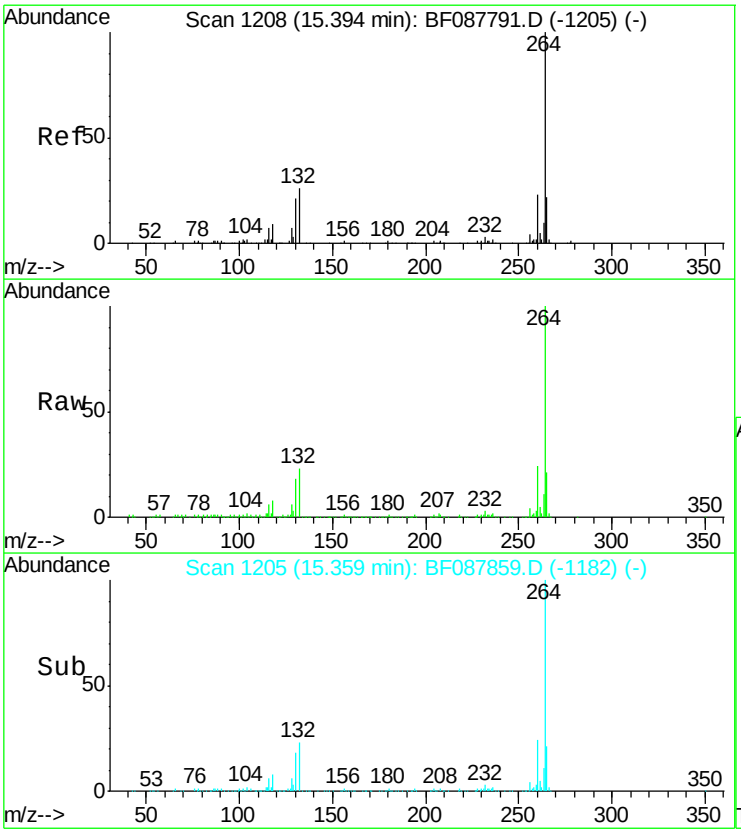
#84
Di-n-octyl phthalate
Concen: 6.33 ng
RT: 14.56 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion:149 Resp: 106339

Ion	Ratio	Lower	Upper
149	100		
167	4.4	0.0	0.0#
43	9.7	0.0	0.0#

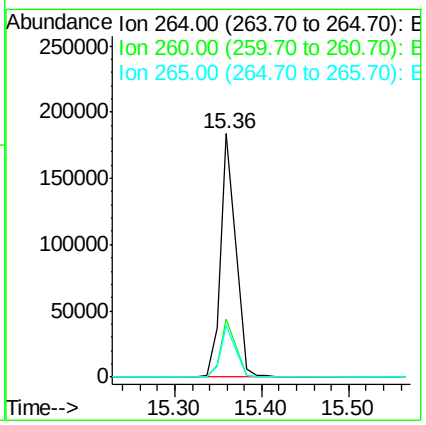


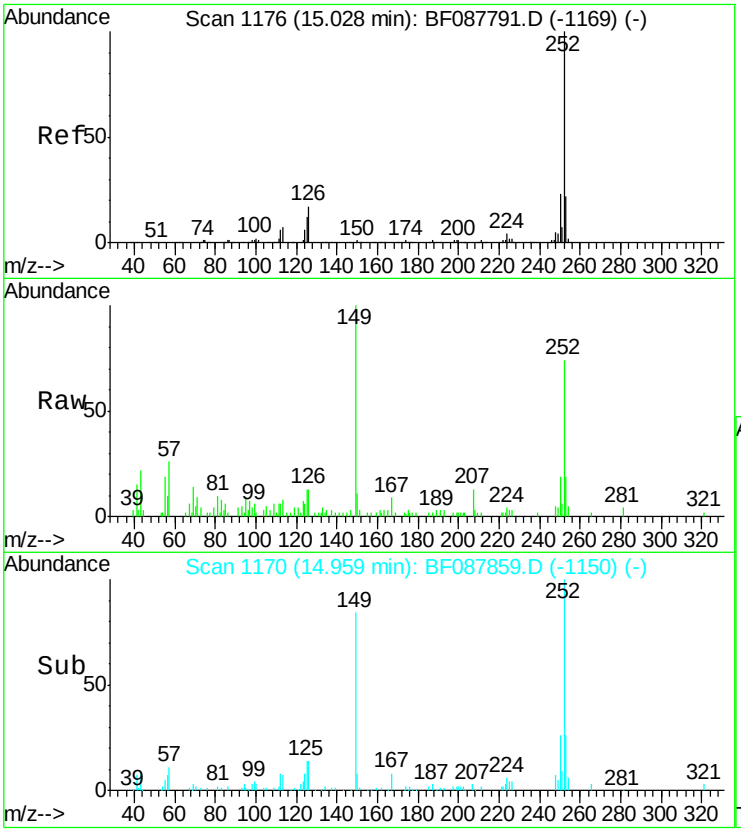


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:264 Resp: 224565

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	16.9	25.3





#88
Benzo(k)fluoranthene
Concen: 2.40 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Instrument :
BNA_F
ClientSampleId :
SS-32DL

Tgt Ion:252 Resp: 28332

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.0	27.0
125	17.4	11.2	16.8#