Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085592.D
Acq On : 20 Mar 2016 00:09
Operator : UM/SJ
Sample : H1796-22RE 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB23(10-13)RE

Quant Time: Mar 21 00:06:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	5254	20.00	ng	0.15
21) Naphthalene-d8	8.14	136	595261	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	237317	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	400744	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	287015	20.00	ng	-0.01
86) Perylene-d12	15.43	264	299048	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	8408	26.88	ng	0.00
7) Phenol-d6	6.48	99	16958	42.27	ng	-0.01
23) Nitrobenzene-d5	7.42	82	8305	0.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	2729	1.17	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	24830	0.03	ng	-0.01
78) Terphenyl-d14	12.95	244	15444	1.29	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	250	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.42	70	947	3.95	ng	# 79
50) 2,6-Dinitrotoluene	9.89	165	29886	7.90	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	29881	6.04	ng	# 37
70) Phenanthrene	11.40	178	45209	2.14	ng	99

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

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Misc :
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Instrument :
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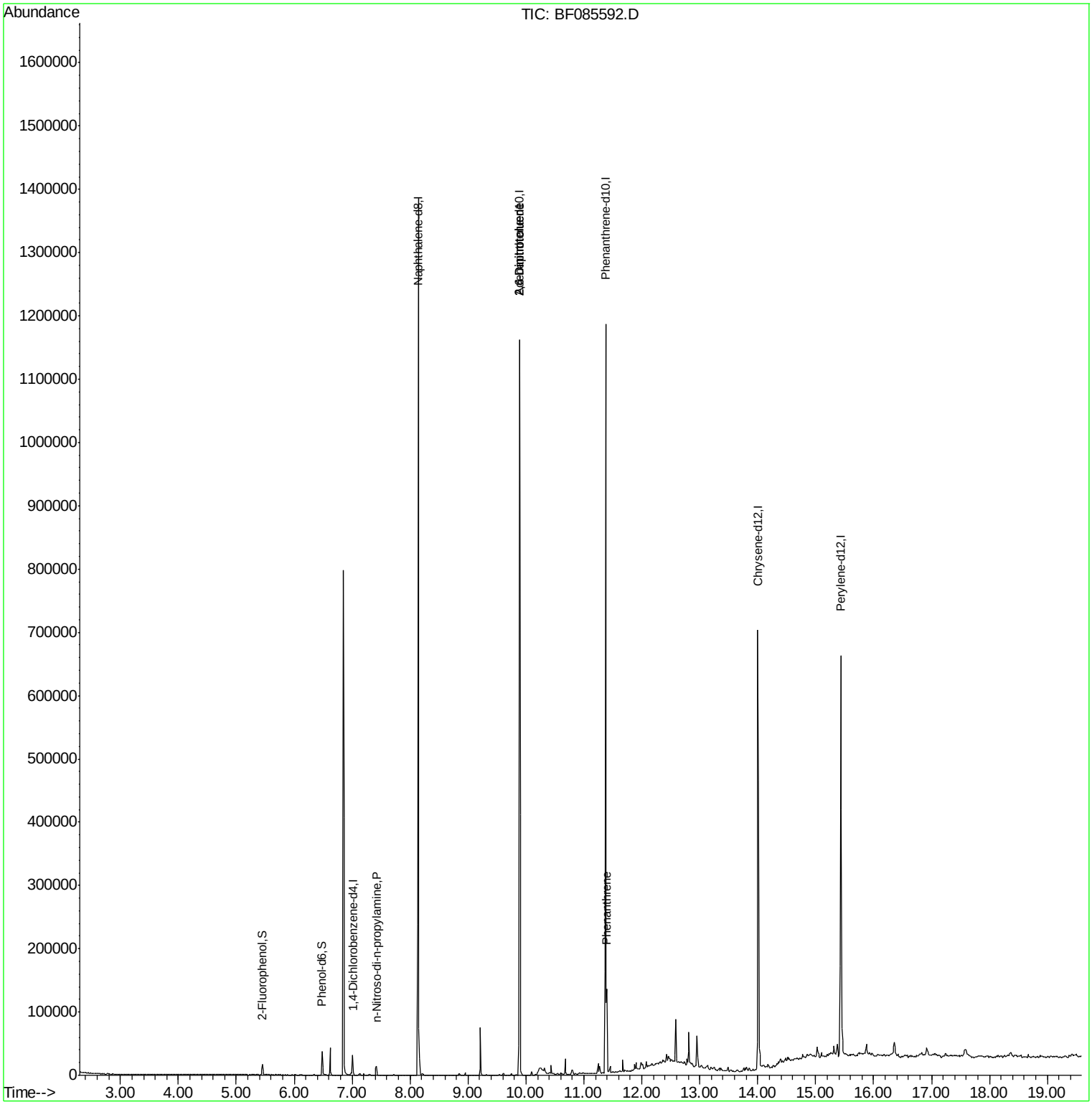
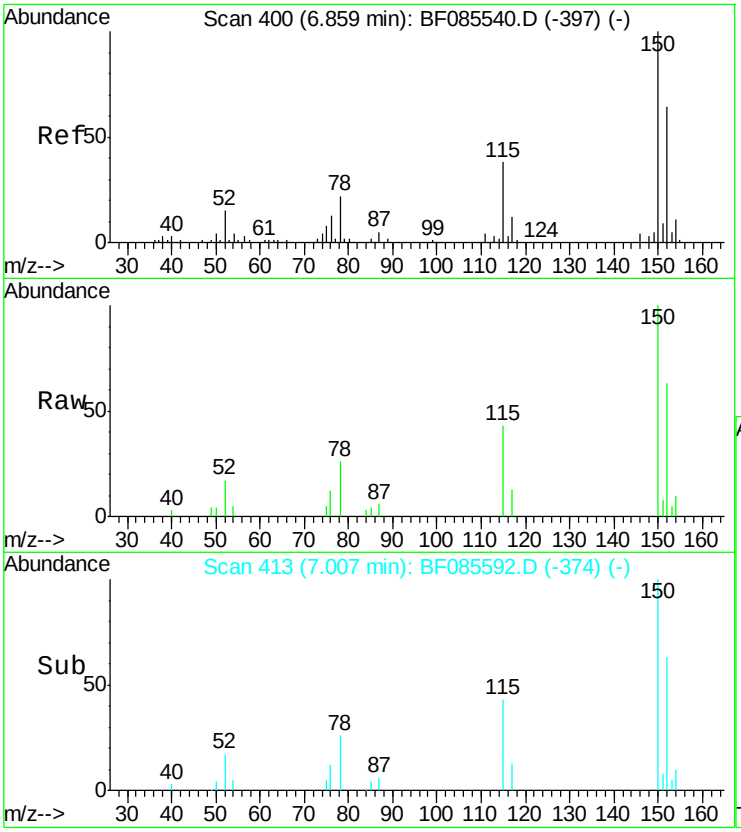


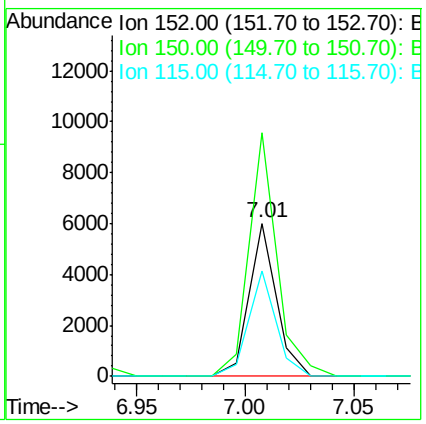


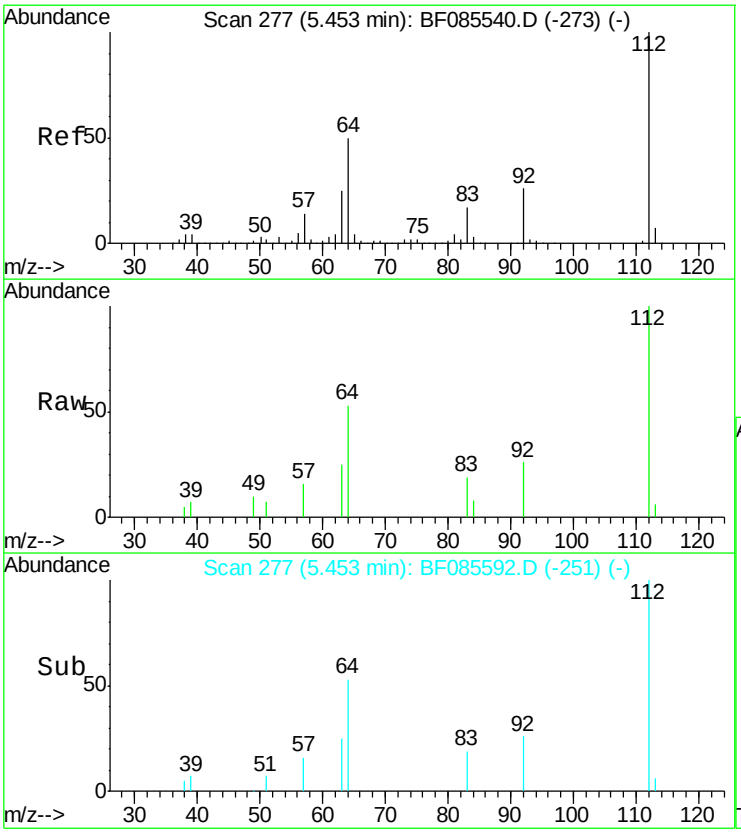
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 413
Delta R.T. 0.15 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Instrument :
BNA_F
ClientSampleId :
AOU2-SB23(10-13)RE

Tgt Ion:152 Resp: 5254

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.2	186.2
115	68.9	47.0	70.6

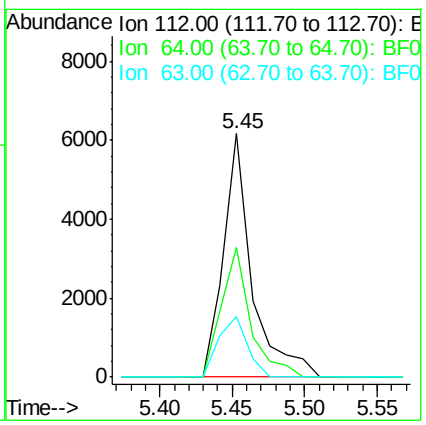


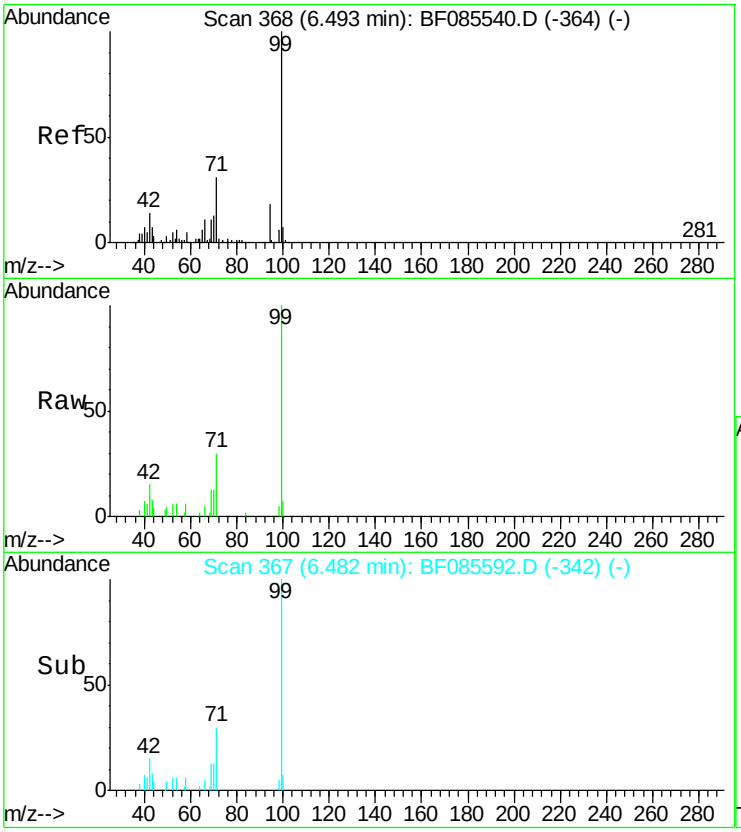


#5
2-Fluorophenol
Concen: 26.88 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.00 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Tgt Ion:112 Resp: 8408

Ion	Ratio	Lower	Upper
112	100		
64	53.0	39.9	59.9
63	24.8	20.2	30.2



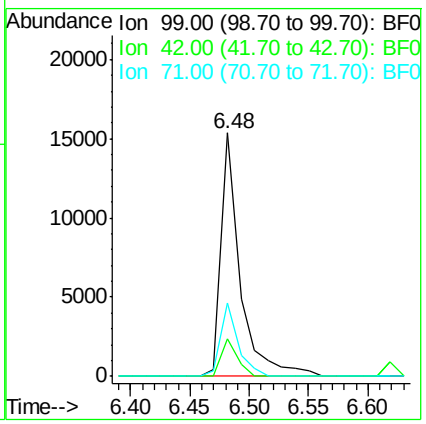


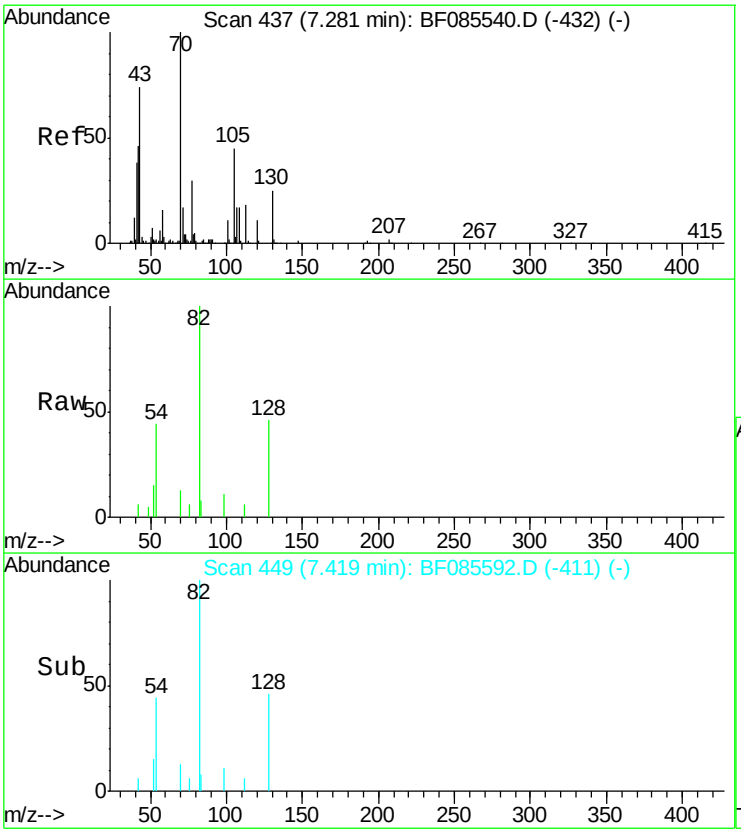
#7
Phenol-d6
Concen: 42.27 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Instrument :
BNA_F
ClientSampleId :
AOU2-SB23(10-13)RE

Tgt Ion: 99 Resp: 16958

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.1	16.7
71	29.9	24.9	37.3

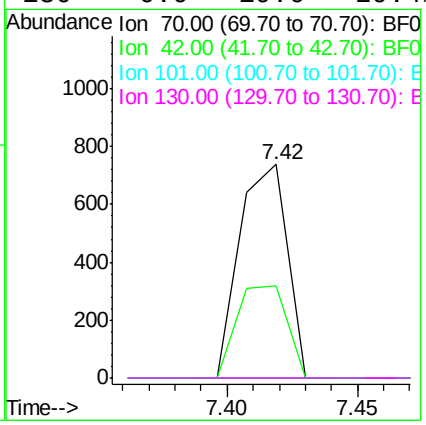


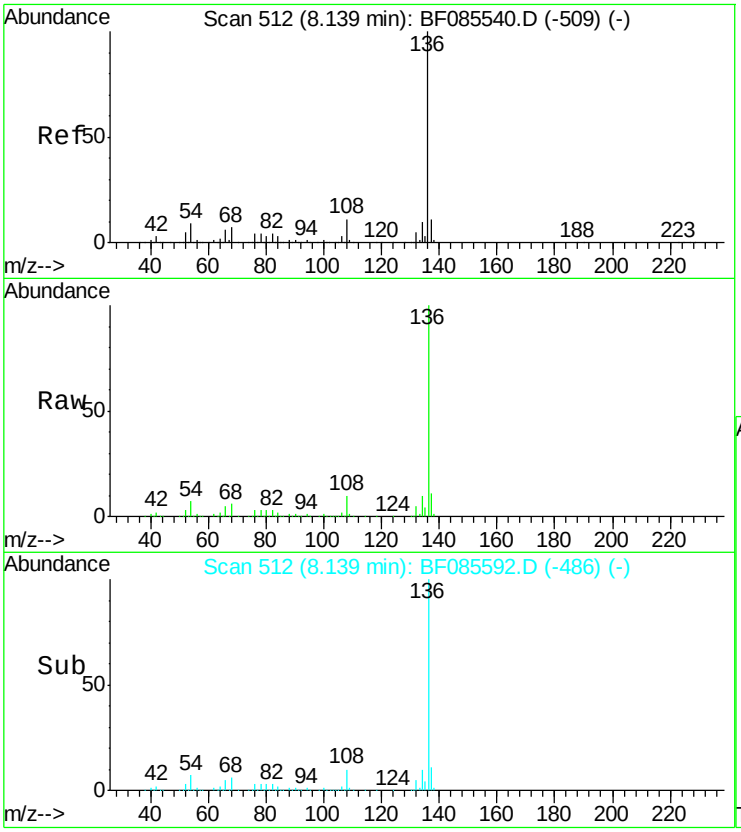


#19
n-Nitroso-di-n-propylamine
Concen: 3.95 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Tgt Ion: 70 Resp: 947

Ion	Ratio	Lower	Upper
70	100		
42	43.4	37.1	55.7
101	0.0	8.6	12.8#
130	0.0	19.6	29.4#



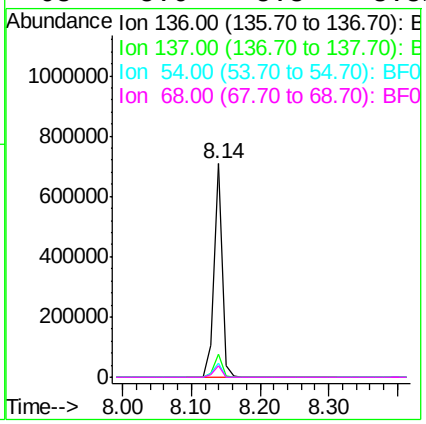


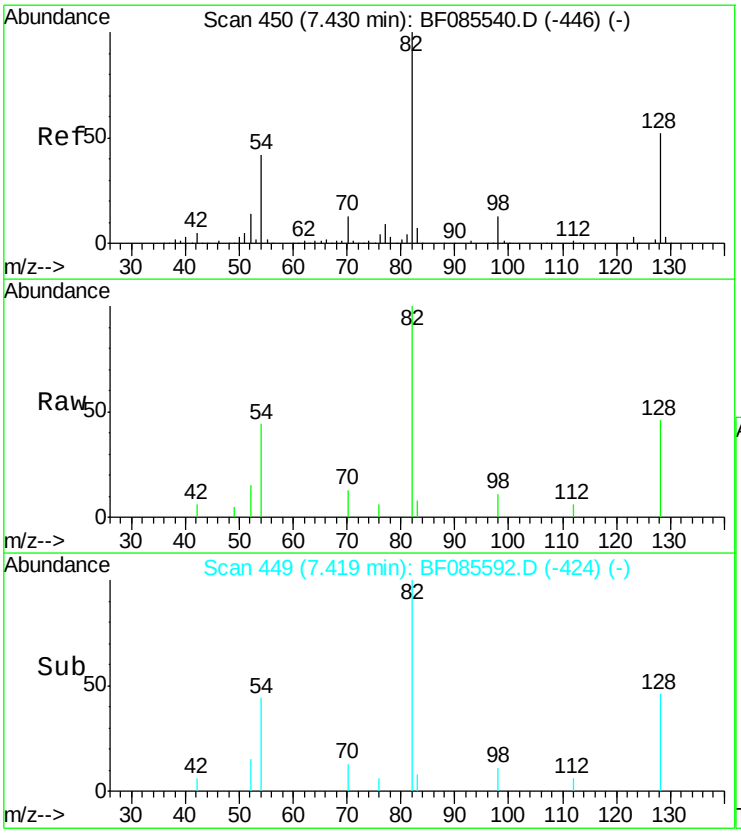
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Instrument :
BNA_F
ClientSampleId :
AOU2-SB23(10-13)RE

Tgt Ion:136 Resp: 595261

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.6	7.4	11.0#
68	5.6	5.8	8.8#

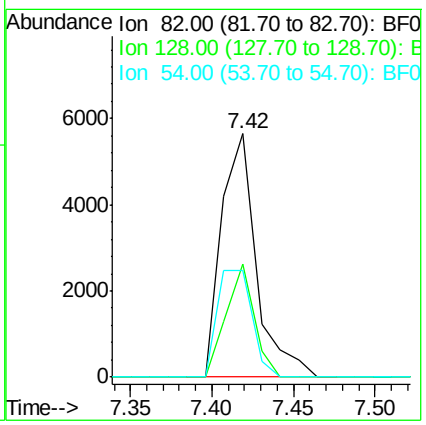


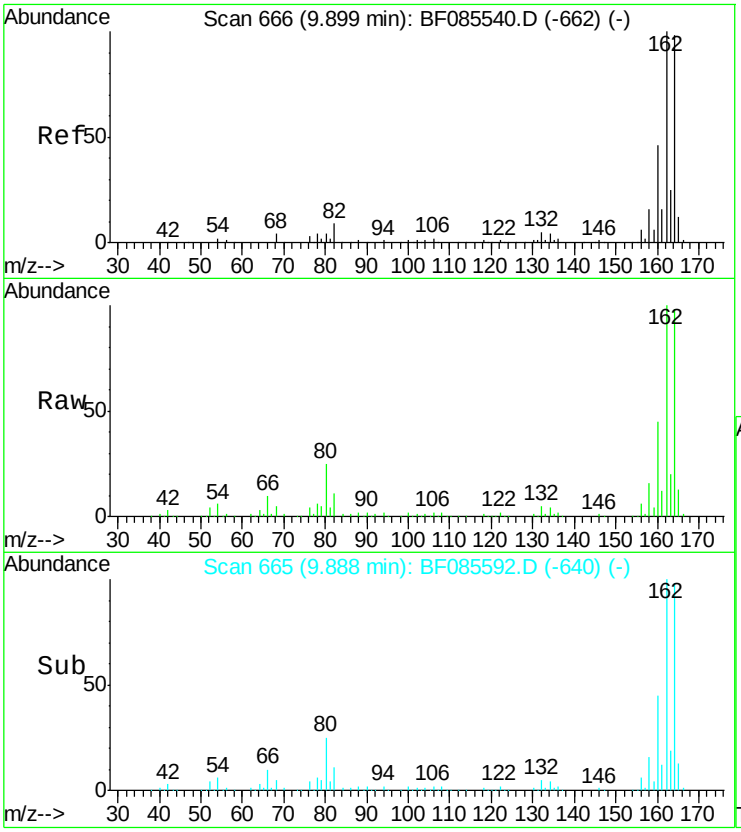


#23
Nitrobenzene-d5
Concen: 0.81 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Tgt Ion: 82 Resp: 8305

Ion	Ratio	Lower	Upper
82	100		
128	46.2	41.8	62.8
54	43.9	33.4	50.0



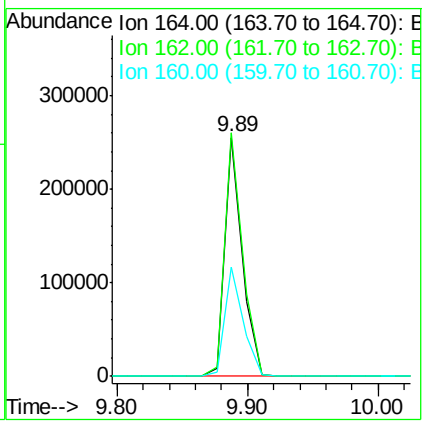


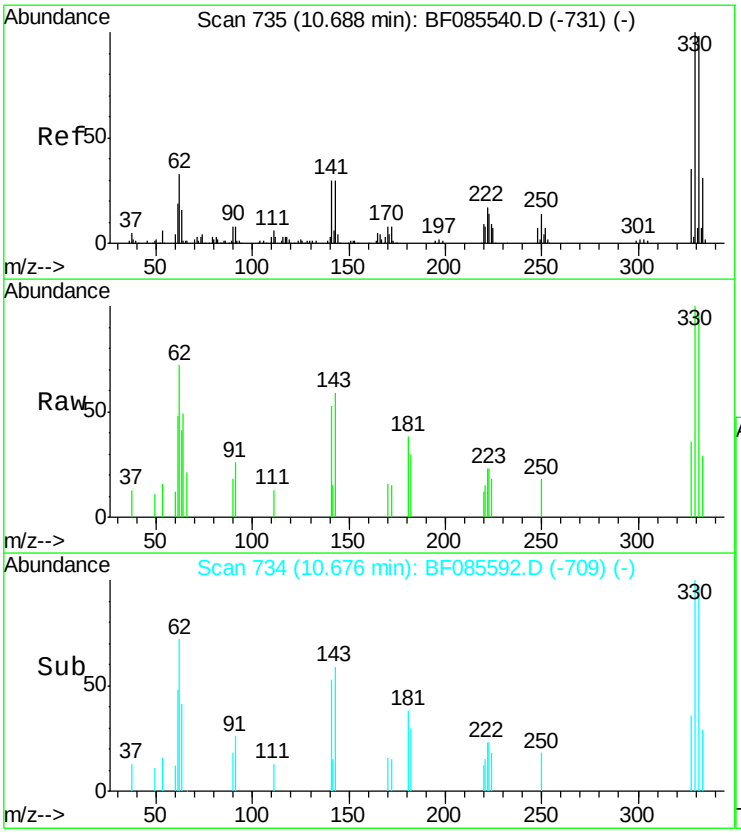
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Instrument :
BNA_F
ClientSampleId :
AOU2-SB23(10-13)RE

Tgt Ion:164 Resp: 237317

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.1	123.1
160	45.9	37.4	56.2

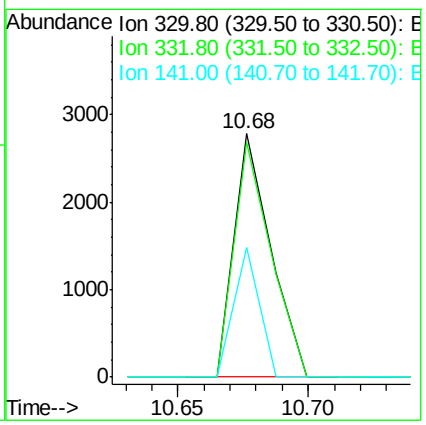


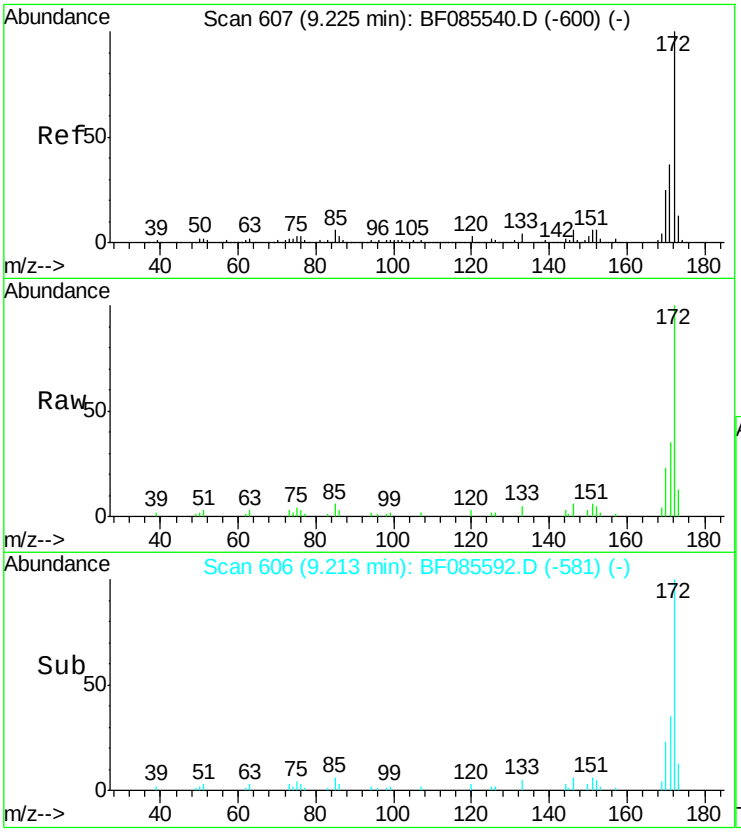


#41
2,4,6-Tribromophenol
Concen: 1.17 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Tgt Ion:330 Resp: 2729

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.2
141	37.2	31.5	47.3



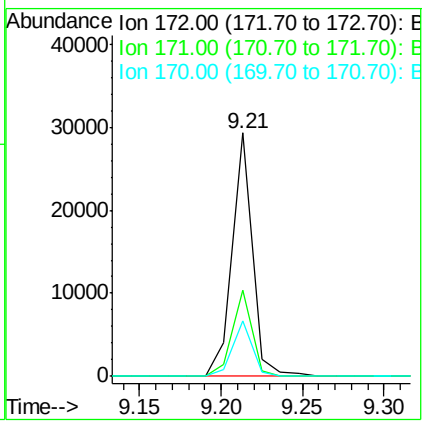


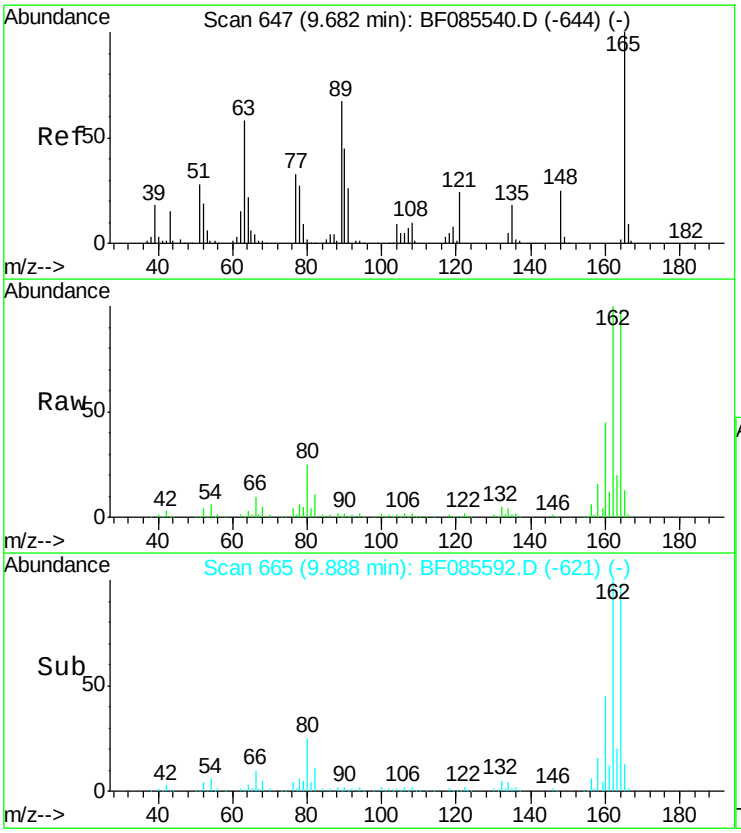
#44
2-Fluorobiphenyl
Concen: 0.03 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Instrument :
BNA_F
ClientSampleId :
AOU2-SB23(10-13)RE

Tgt Ion:172 Resp: 24830

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.2
170	22.9	19.8	29.6

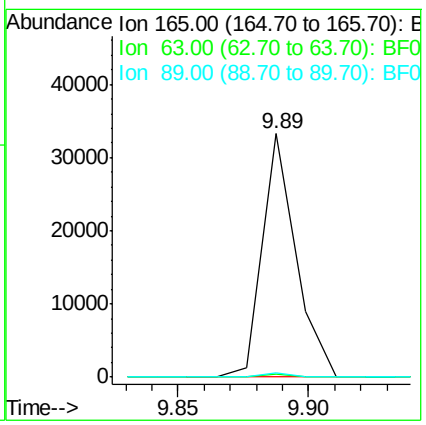


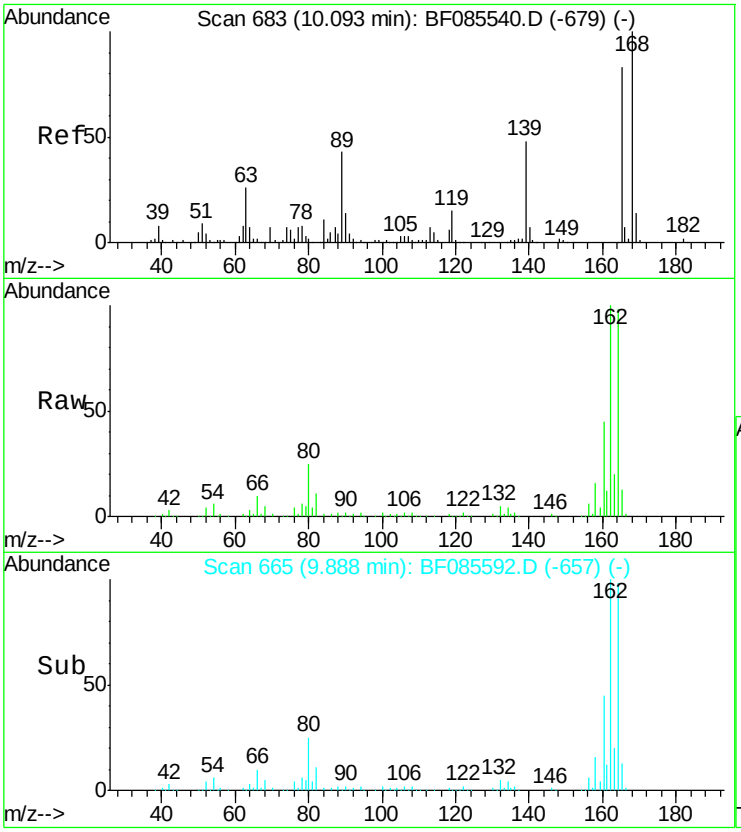


#50
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.21 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Tgt Ion:165 Resp: 29886

Ion	Ratio	Lower	Upper
165	100		
63	1.1	51.8	77.8#
89	1.5	53.7	80.5#



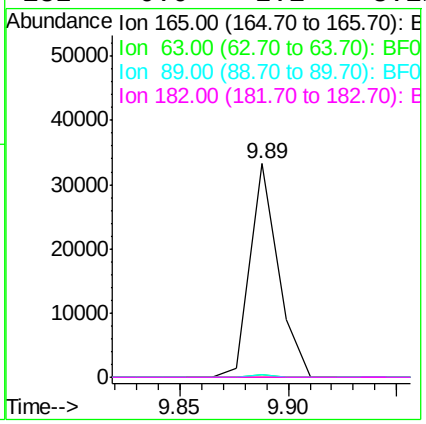


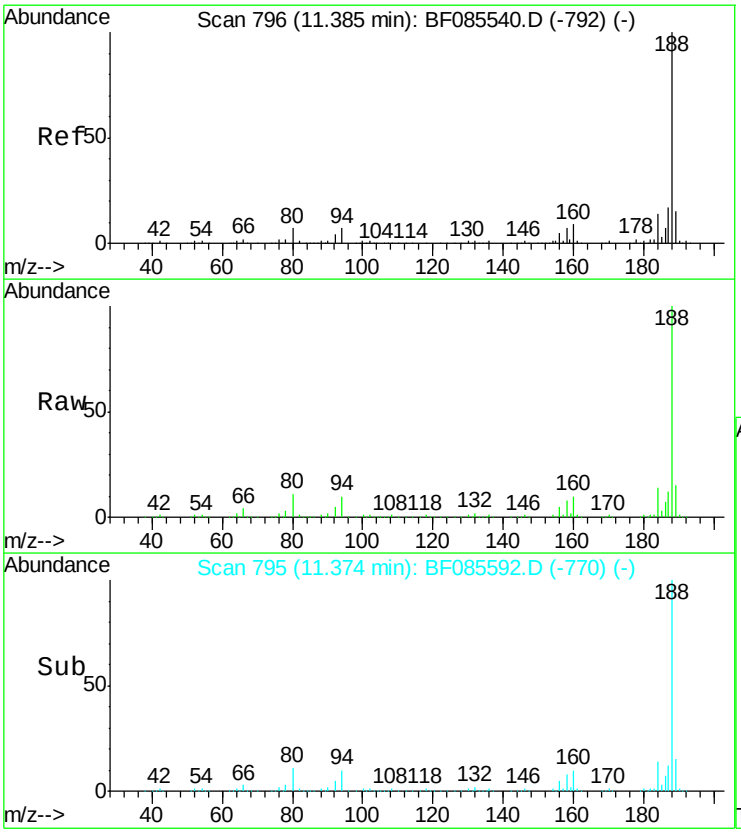
#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Instrument :
BNA_F
ClientSampleId :
AOU2-SB23(10-13)RE

Tgt Ion:165 Resp: 29881

Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

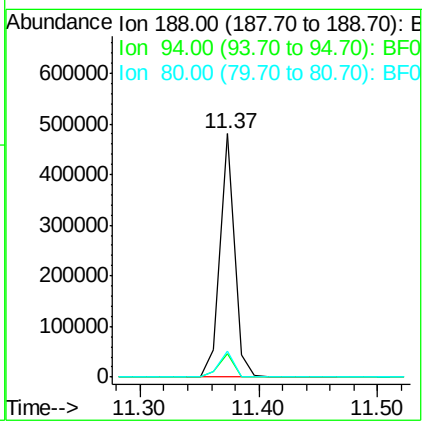


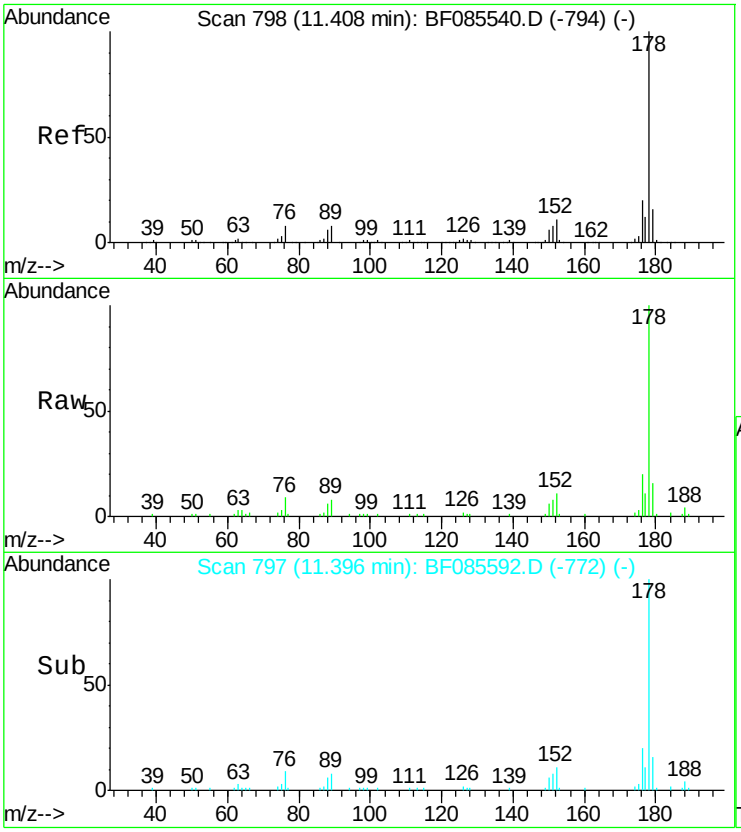


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Tgt Ion:188 Resp: 400744

Ion	Ratio	Lower	Upper
188	100		
94	9.8	5.4	8.0#
80	10.6	5.5	8.3#



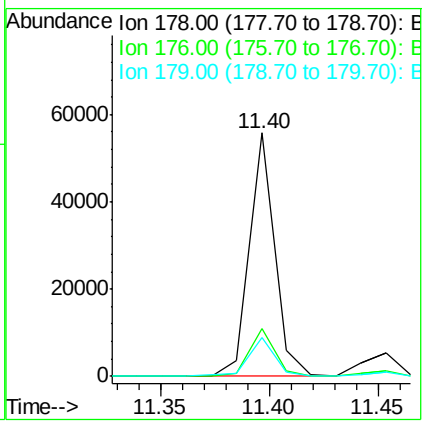


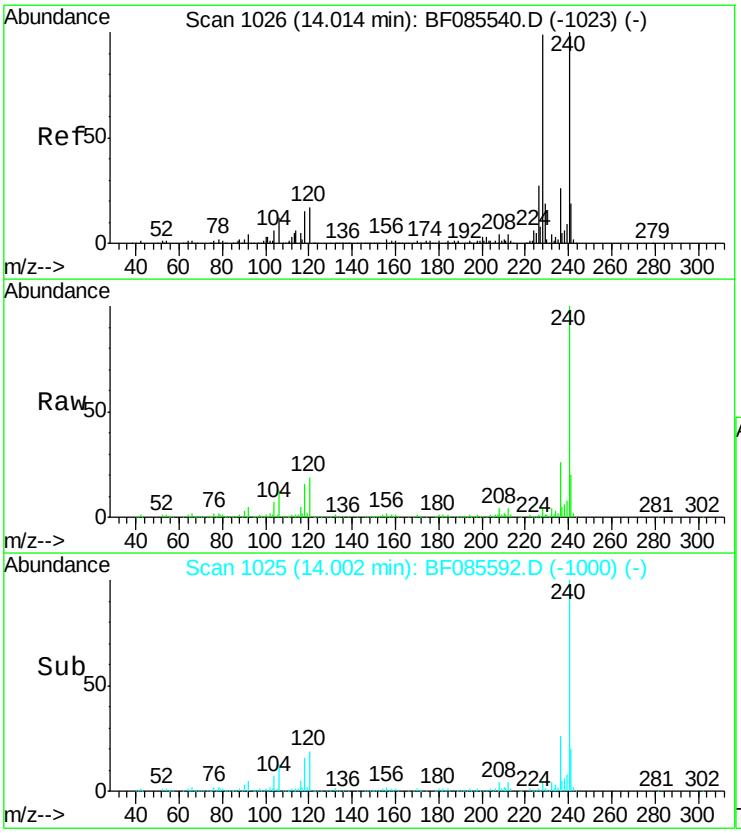
#70
Phenanthrene
Concen: 2.14 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Instrument :
BNA_F
ClientSampleId :
AOU2-SB23(10-13)RE

Tgt Ion:178 Resp: 45209

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.9	12.6	18.8

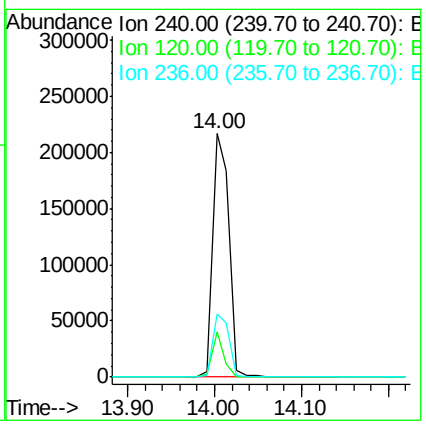


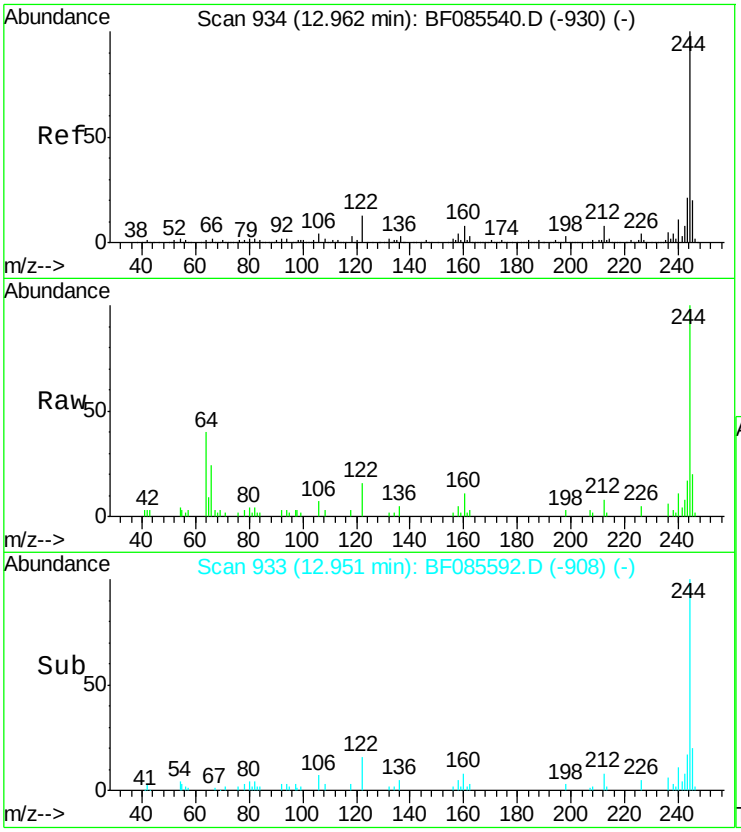


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Tgt Ion:240 Resp: 287015

Ion	Ratio	Lower	Upper
240	100		
120	18.5	13.8	20.8
236	26.0	20.6	30.8



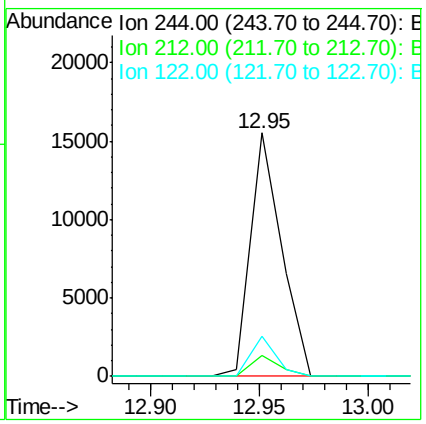


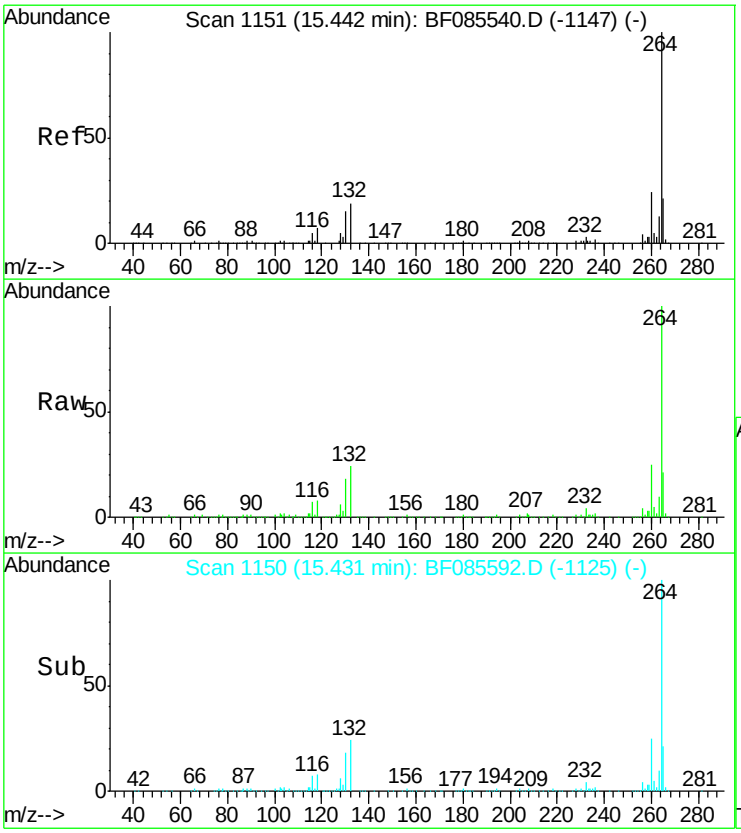
#78
Terphenyl-d14
Concen: 1.29 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Instrument :
BNA_F
ClientSampleId :
AOU2-SB23(10-13)RE

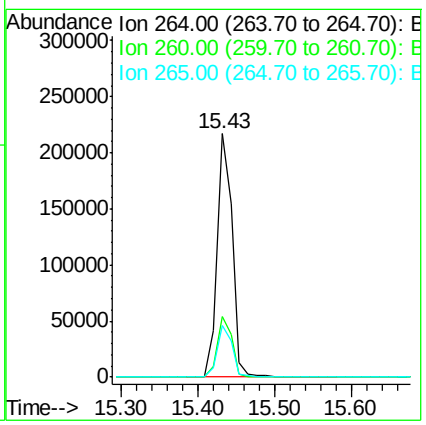
Tgt Ion:244 Resp: 15444

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.1	9.1
122	16.2	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085592.D
Acq: 20 Mar 2016 00:09

Tgt Ion:264 Resp: 299048

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.3	17.2	25.8