Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084594.D
Acq On : 22 Jan 2016 17:27
Operator : SJ/IZ
Sample : H1187-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS017-1824-01

Quant Time: Jan 22 22:10:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	141219	20.00	ng		-0.08
21) Naphthalene-d8	8.03	136	611663	20.00	ng		-0.09
38) Acenaphthene-d10	9.78	164	277098	20.00	ng		-0.09
63) Phenanthrene-d10	11.26	188	698857	20.00	ng		-0.09
75) Chrysene-d12	13.89	240	522514	20.00	ng		-0.10
86) Perylene-d12	15.29	264	381236	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1324120	151.66	ng		-0.08
7) Phenol-d6	6.40	99	1403612	128.01	ng		-0.08
23) Nitrobenzene-d5	7.31	82	936207	85.19	ng		-0.09
41) 2,4,6-Tribromophenol	10.58	330	487106	174.12	ng		-0.09
44) 2-Fluorobiphenyl	9.12	172	1591087	102.30	ng		-0.08
78) Terphenyl-d14	12.85	244	1773096	75.75	ng		-0.09
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	36884	5.17	ng		81
19) n-Nitroso-di-n-propylamine	7.31	70	130895	17.63	ng	#	68
25) Isophorone	7.31	82	793614	37.76	ng	#	66
49) Dimethylphthalate	9.50	163	249029	12.57	ng	#	89
54) Dibenzofuran	9.98	168	261	Below Cal		#	45
56) 2,4-Dinitrotoluene	9.78	165	35118	6.39	ng	#	22
57) Fluorene	10.33	166	479	Below Cal		#	71
64) 4,6-Dinitro-2-methylphenol	10.58	198	1150	6.62	ng	#	1
66) 4-Bromophenyl-phenylether	10.58	248	30849	4.10	ng	#	1
73) Di-n-butylphthalate	11.84	149	5208	Below Cal		#	95

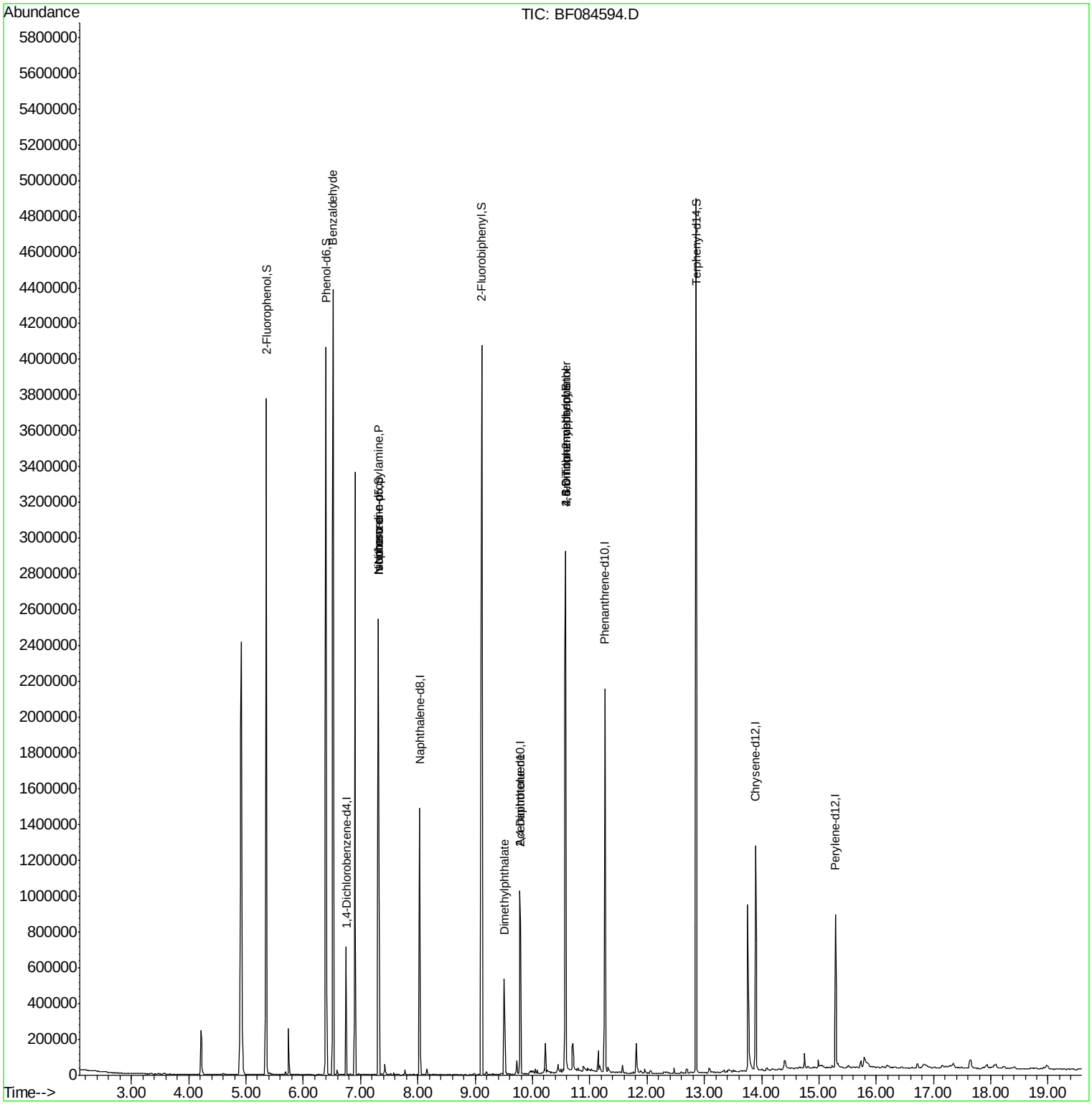
(#) = qualifier out of range (m) = manual integration (+) = signals summed

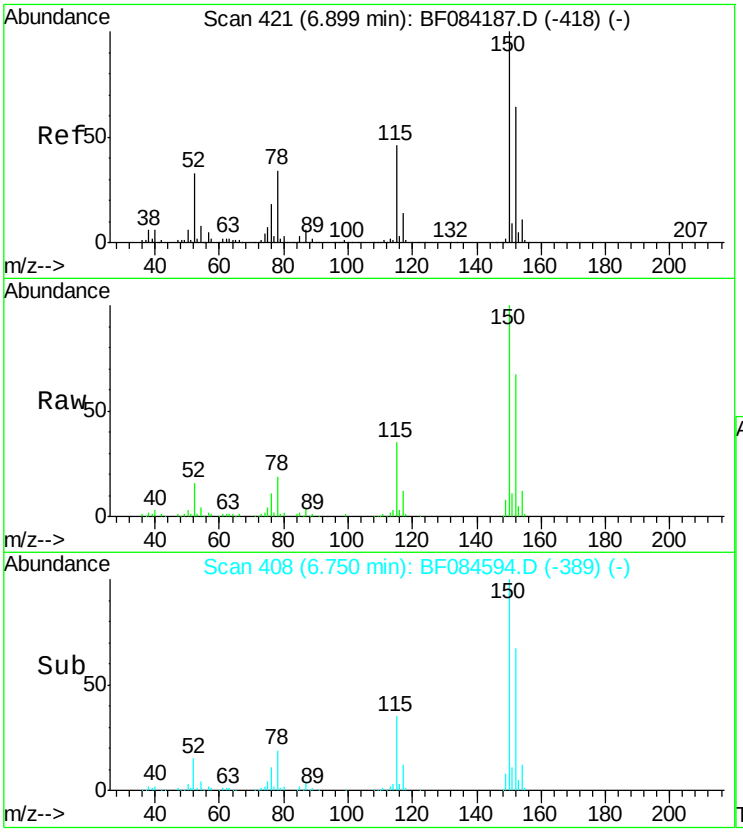
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084594.D
Acq On : 22 Jan 2016 17:27
Operator : SJ/IZ
Sample : H1187-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Quant Time: Jan 22 22:10:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



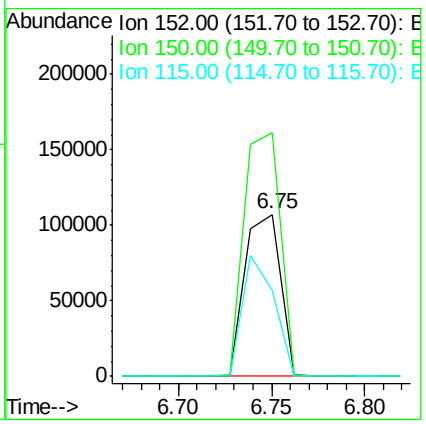


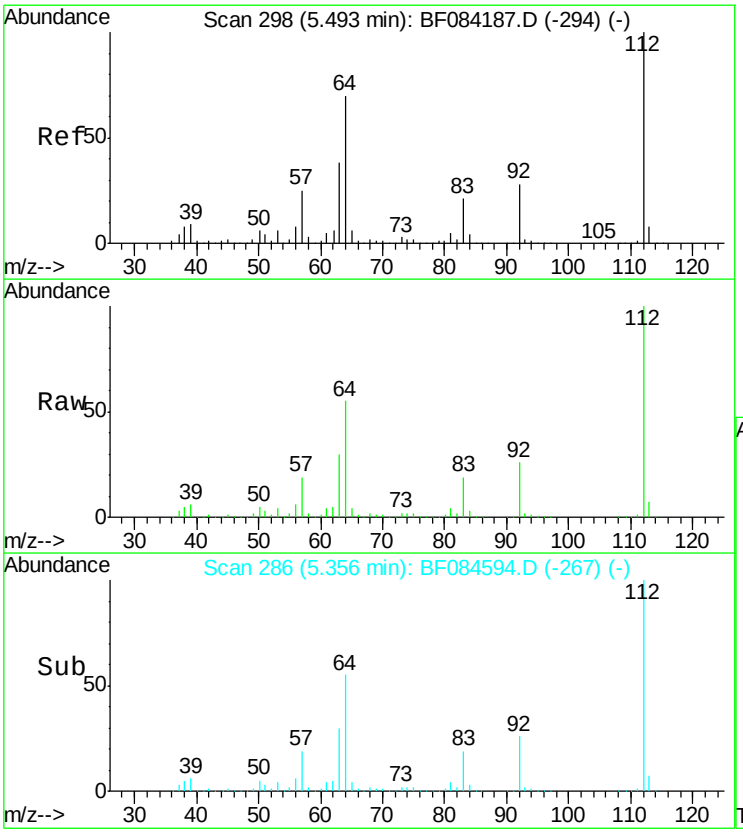
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.08 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion:152 Resp: 141219

Ion	Ratio	Lower	Upper
152	100		
150	150.1	123.0	184.4
115	53.2	51.4	77.2

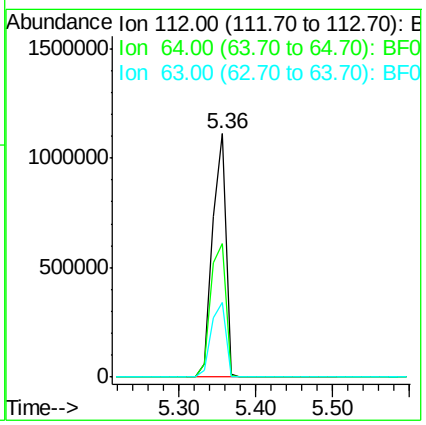


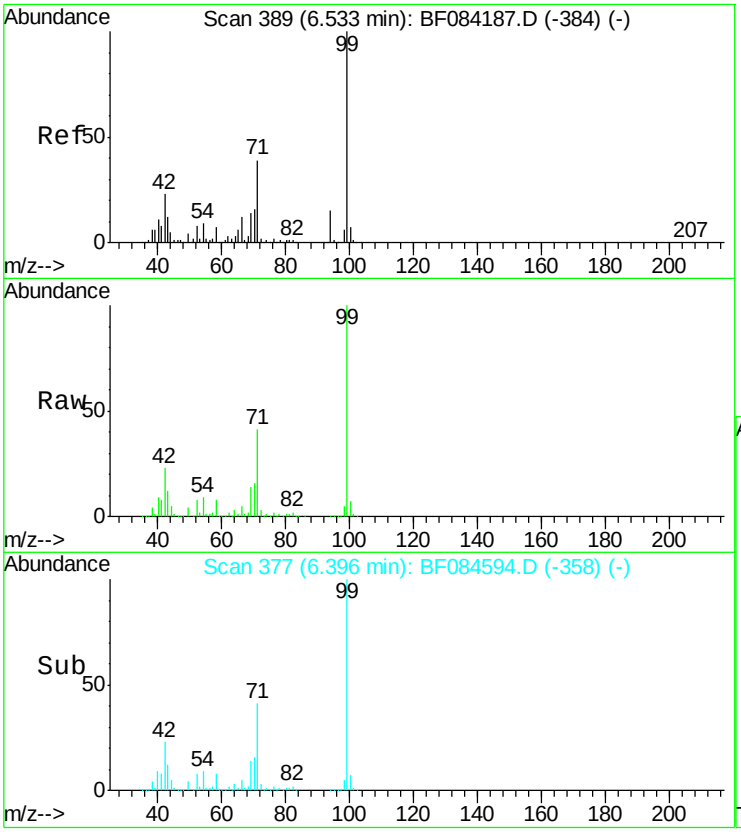


#5
2-Fluorophenol
Concen: 151.66 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.08 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion:112 Resp: 1324120

Ion	Ratio	Lower	Upper
112	100		
64	55.0	36.6	55.0#
63	30.4	19.4	29.0#



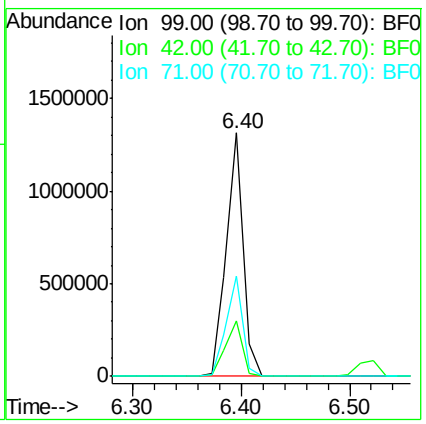


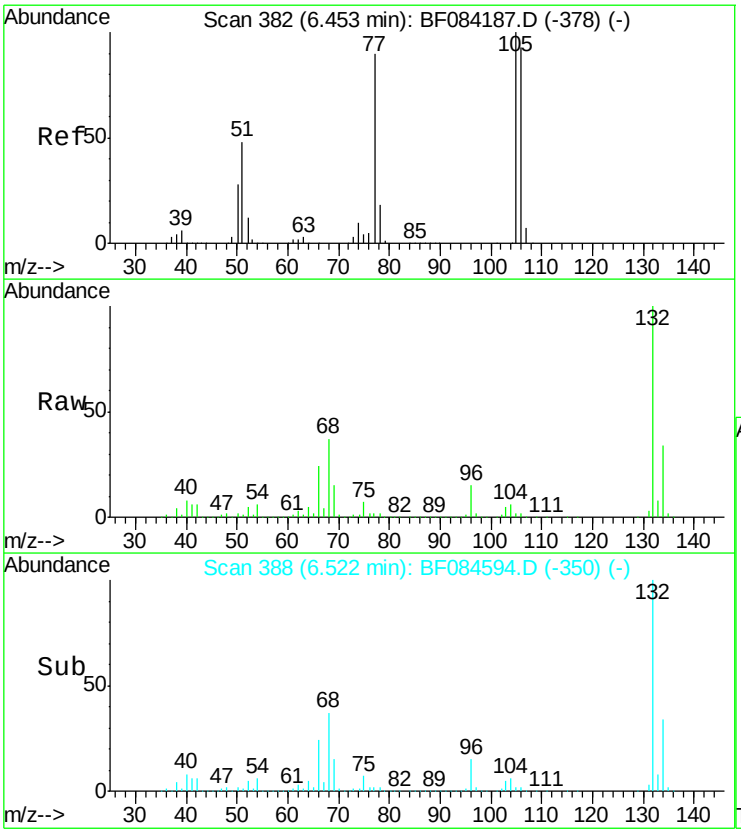
#7
Phenol-d6
Concen: 128.01 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.08 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion: 99 Resp: 1403612

Ion	Ratio	Lower	Upper
99	100		
42	23.0	12.8	19.2#
71	41.0	30.9	46.3

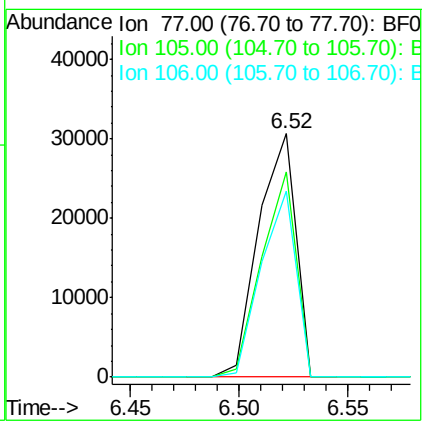


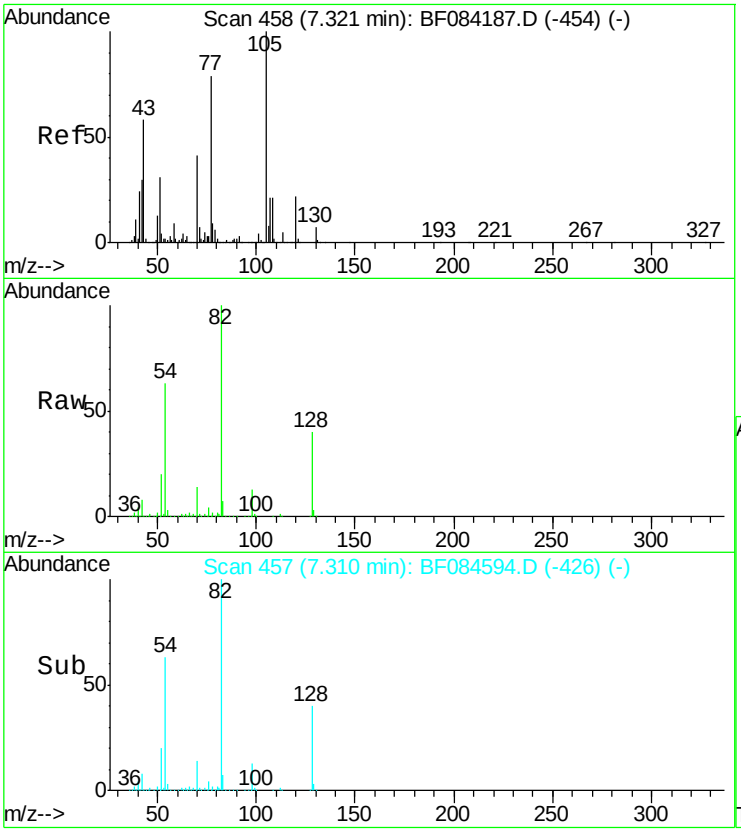


#9
Benzaldehyde
Concen: 5.17 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.14 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion: 77 Resp: 36884

Ion	Ratio	Lower	Upper
77	100		
105	84.1	83.0	123.0
106	76.2	74.6	114.6



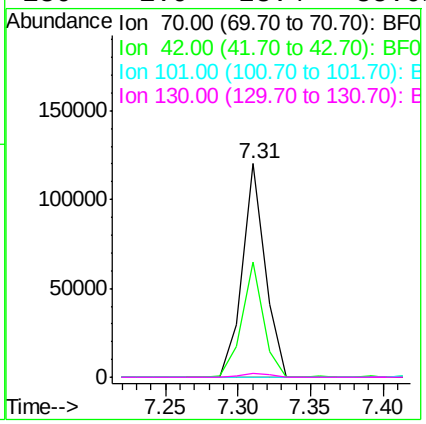


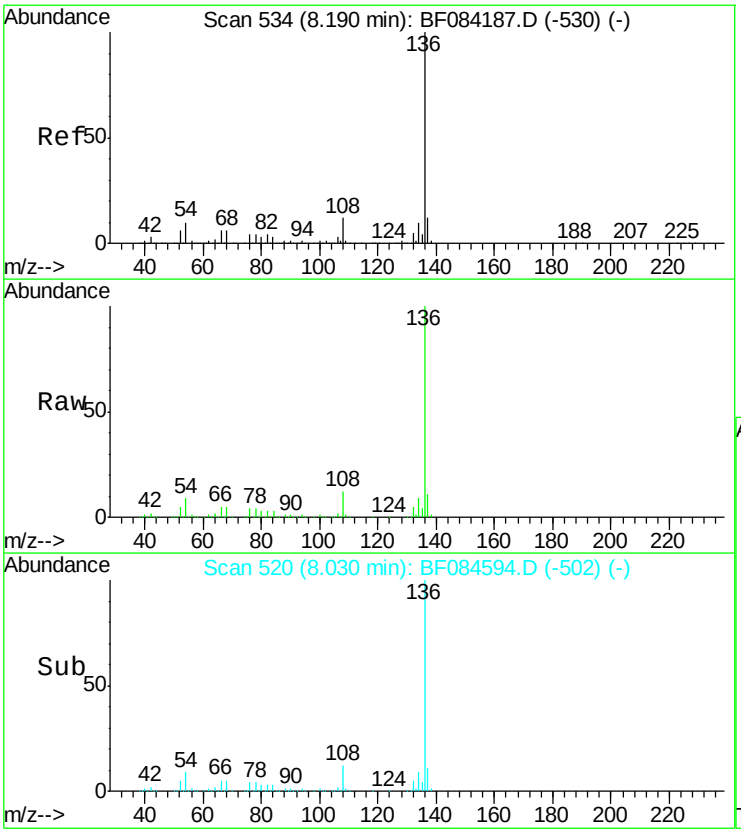
#19
n-Nitroso-di-n-propylamine
Concen: 17.63 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.06 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion: 70 Resp: 130895

Ion	Ratio	Lower	Upper
70	100		
42	54.1	33.3	49.9#
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#

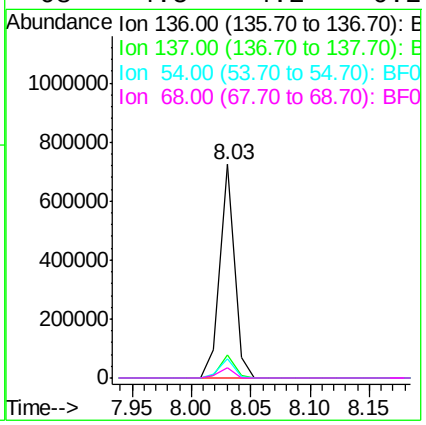


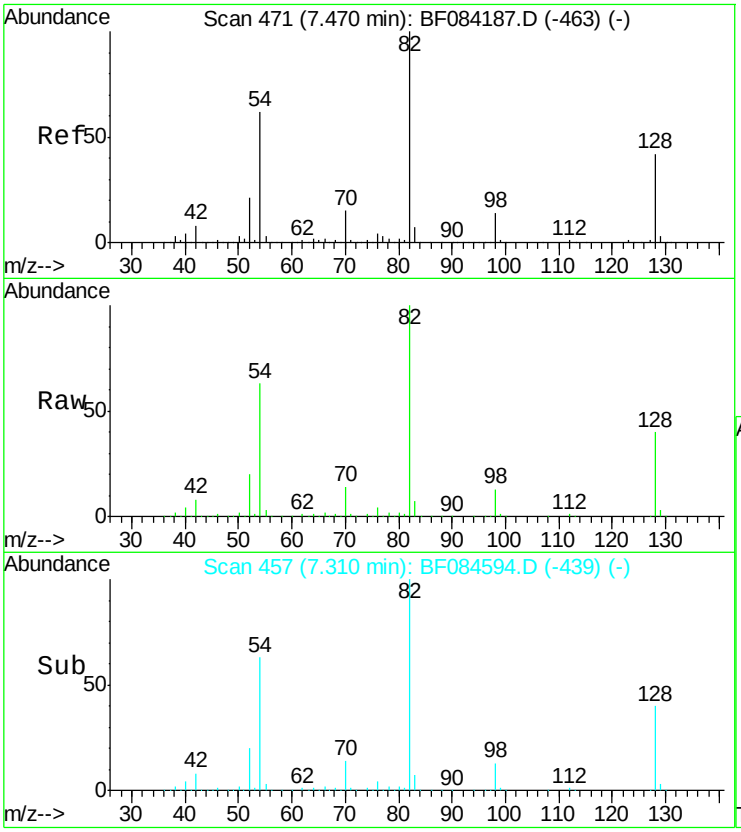


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.09 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion:136 Resp: 611663

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.8	5.8	8.8#
68	4.5	4.2	6.2



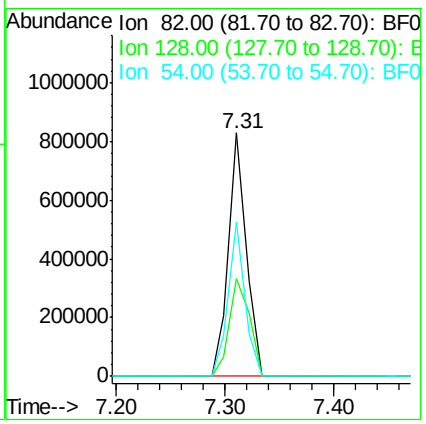


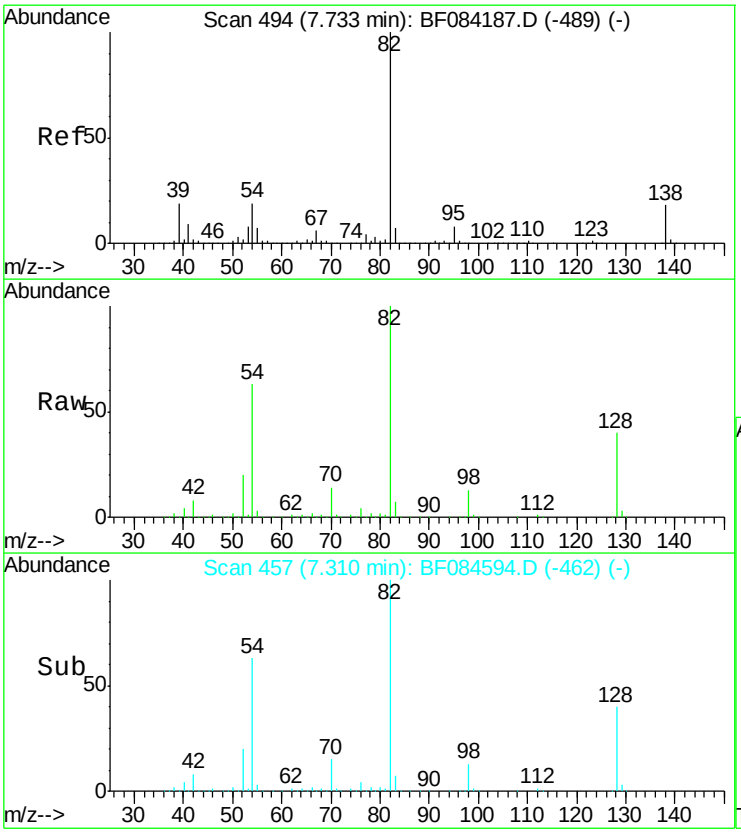
#23
Nitrobenzene-d5
Concen: 85.19 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.09 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion: 82 Resp: 936207

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.6	51.8
54	63.1	38.4	57.6#

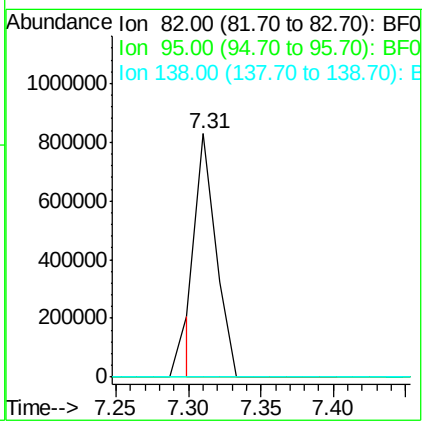


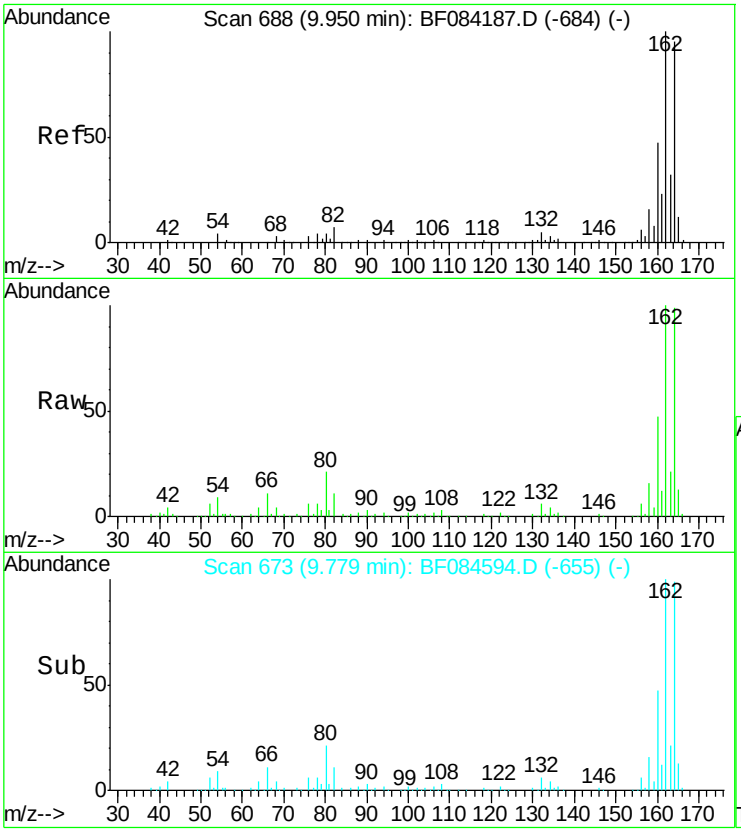


#25
Isophorone
Concen: 37.76 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.35 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion: 82 Resp: 793614

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#



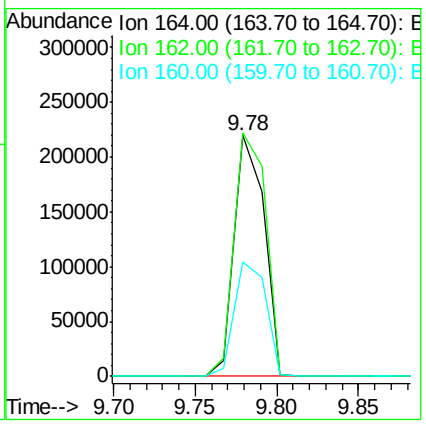


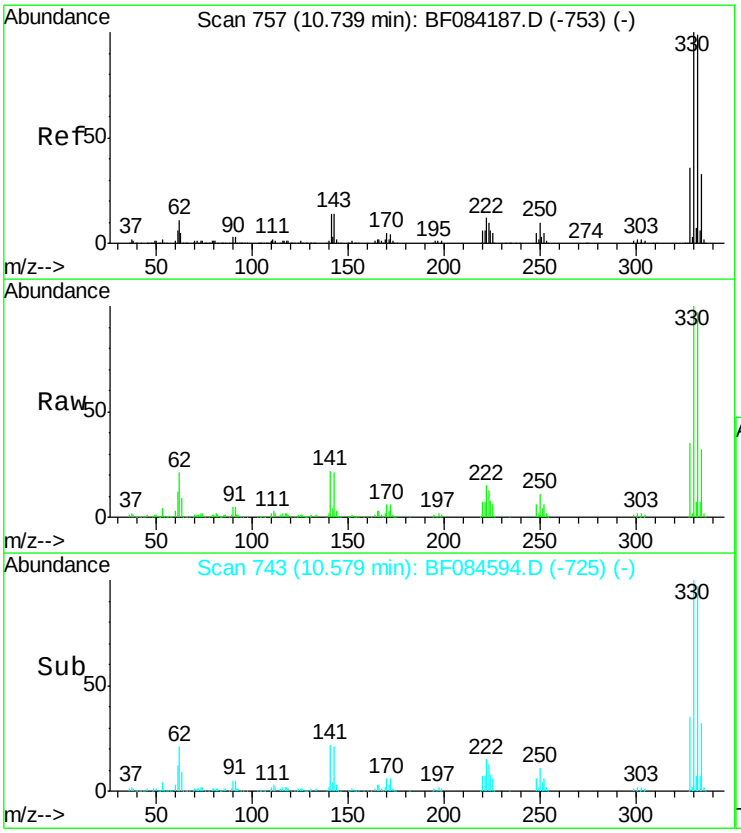
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.09 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion:164 Resp: 277098

Ion	Ratio	Lower	Upper
164	100		
162	101.2	85.1	127.7
160	47.5	37.5	56.3

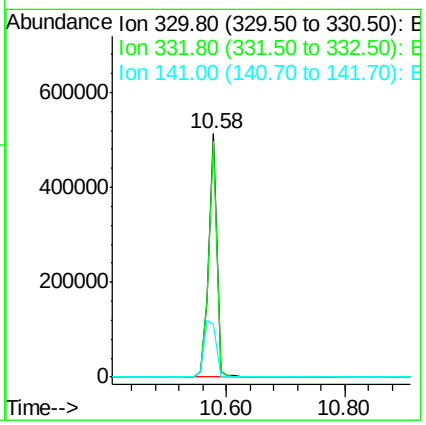


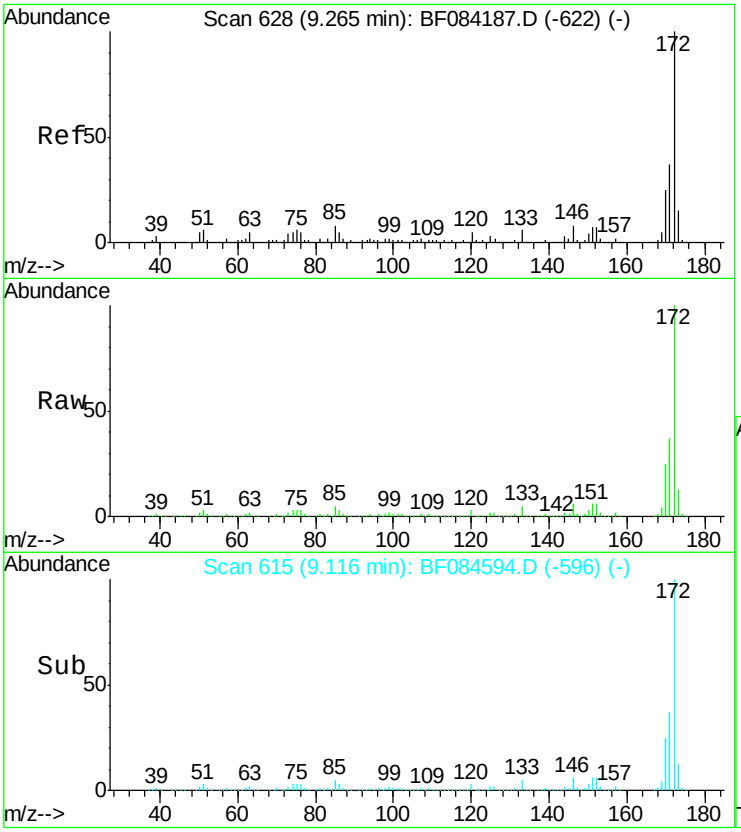


#41
2,4,6-Tribromophenol
Concen: 174.12 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.09 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion:330 Resp: 487106

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	35.0	27.8	41.6



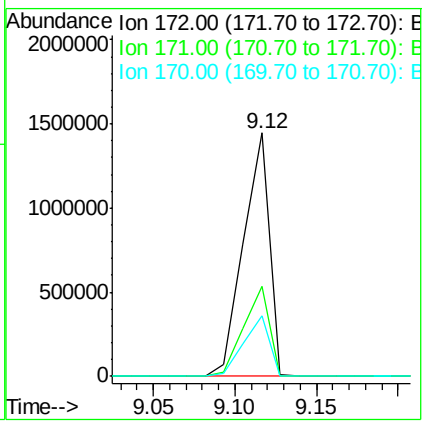


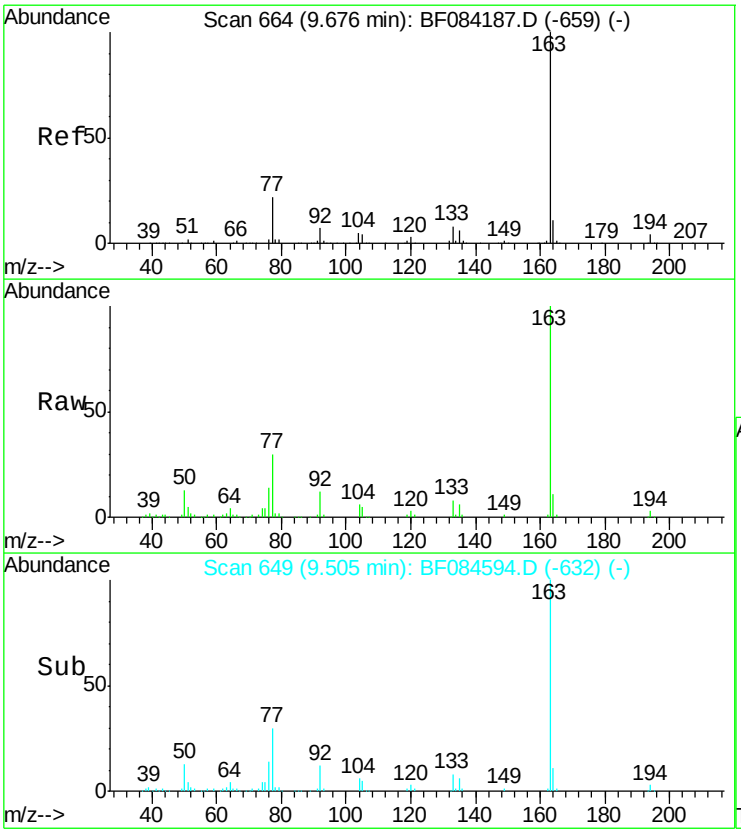
#44
2-Fluorobiphenyl
Concen: 102.30 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.08 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion:172 Resp: 1591087

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.9	18.6	27.8

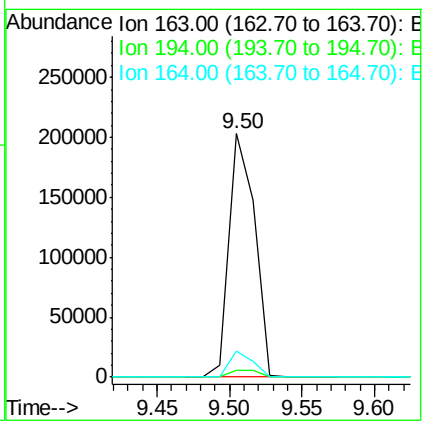


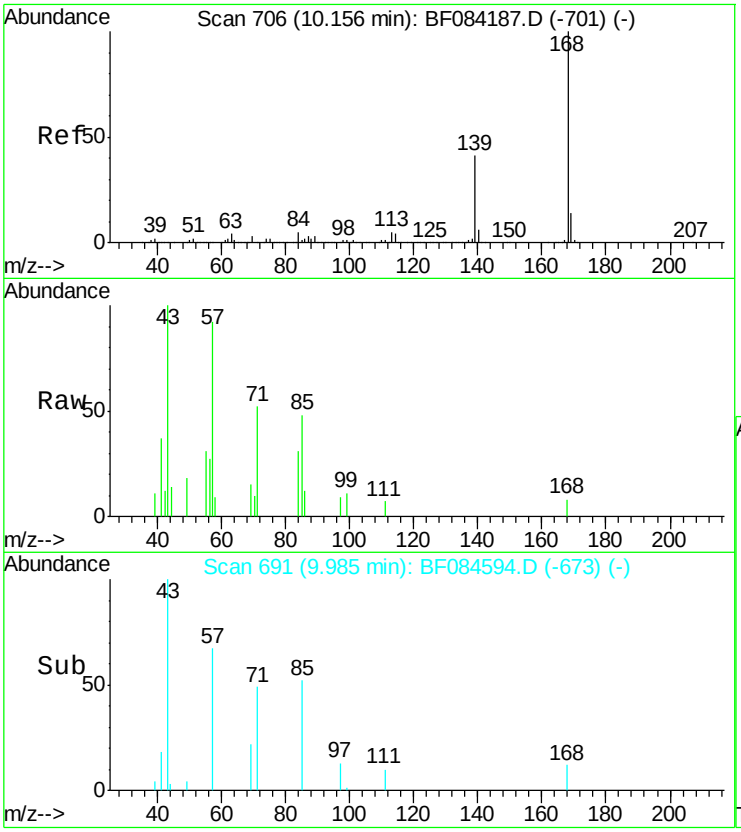


#49
Dimethylphthalate
Concen: 12.57 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.10 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion:163 Resp: 249029

Ion	Ratio	Lower	Upper
163	100		
194	2.6	8.0	12.0#
164	10.6	8.0	12.0



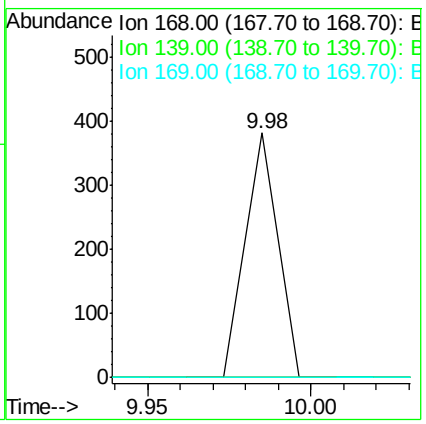


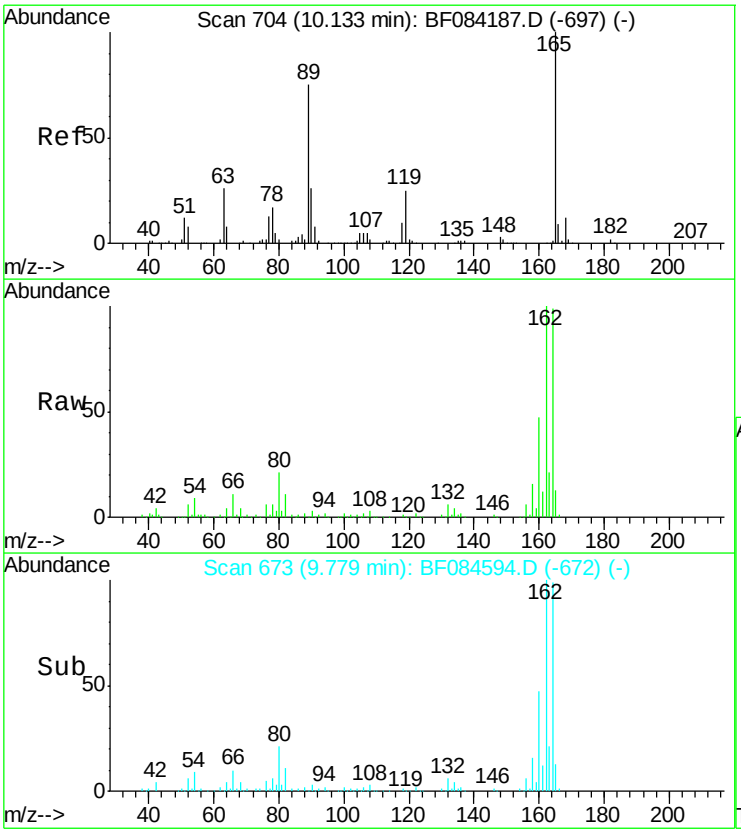
#54
Dibenzofuran
Concen: Below Cal
RT: 9.98 min Scan# 691
Delta R.T. -0.09 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion:168 Resp: 261

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.5	45.7#
169	0.0	10.4	15.6#

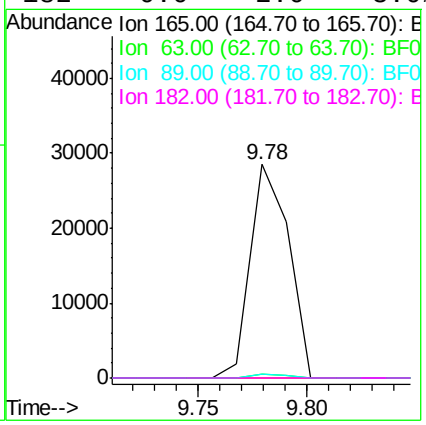


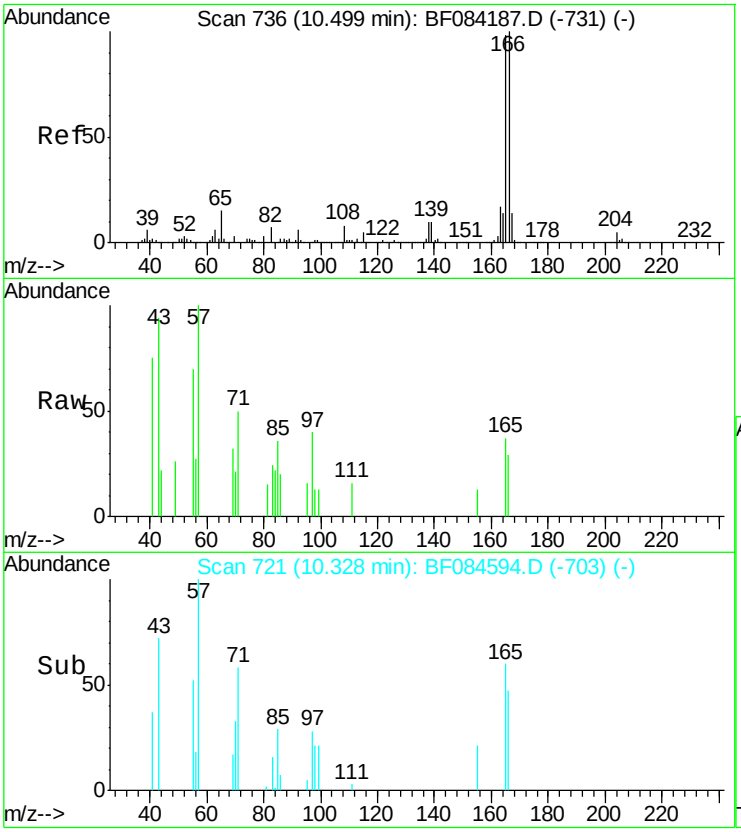


#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.29 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion:165 Resp: 35118

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#



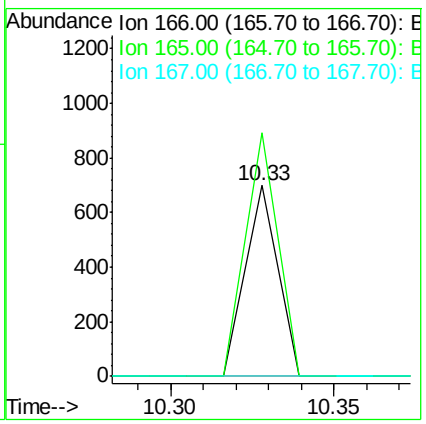


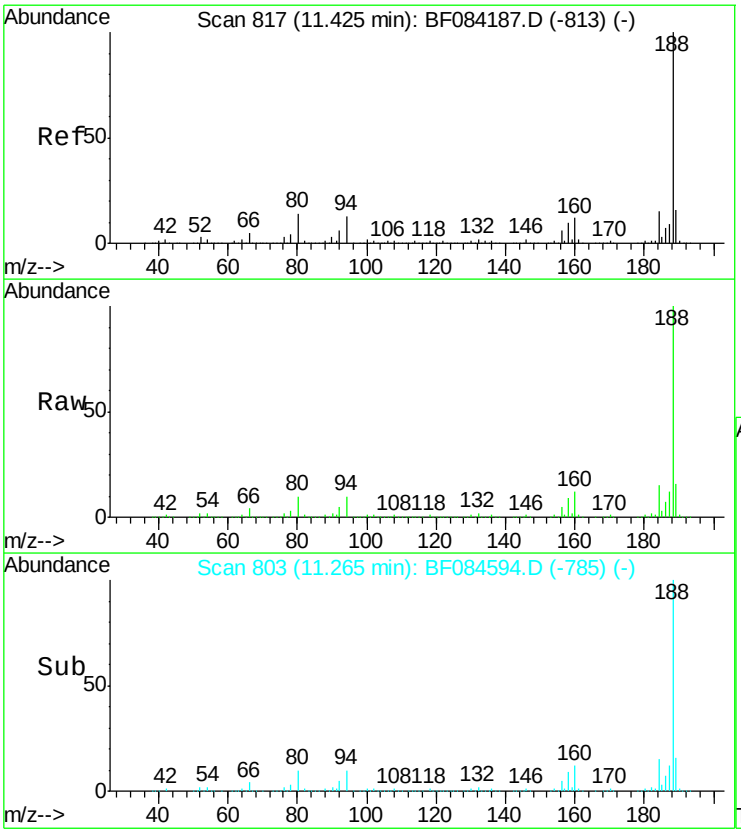
#57
Fluorene
Concen: Below Cal
RT: 10.33 min Scan# 721
Delta R.T. -0.09 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion:166 Resp: 479

Ion	Ratio	Lower	Upper
166	100		
165	127.8	79.1	118.7#
167	0.0	10.4	15.6#

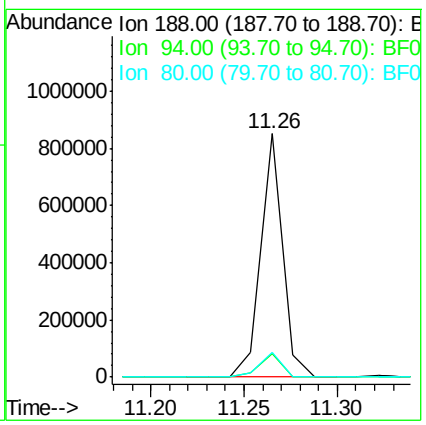


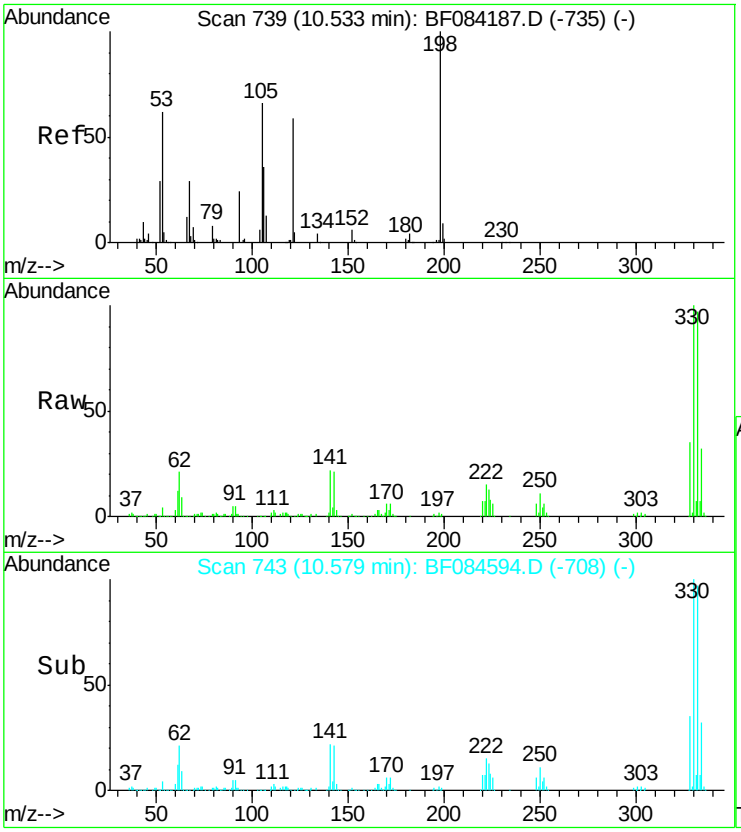


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion:188 Resp: 698857

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	10.2	9.6	14.4



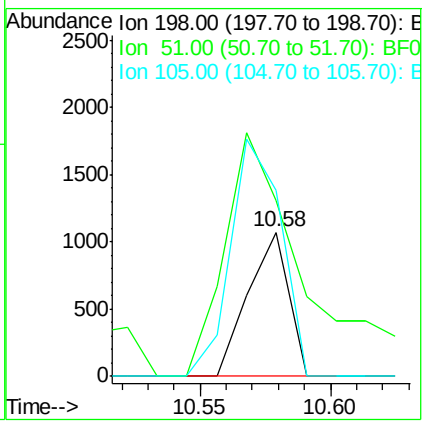


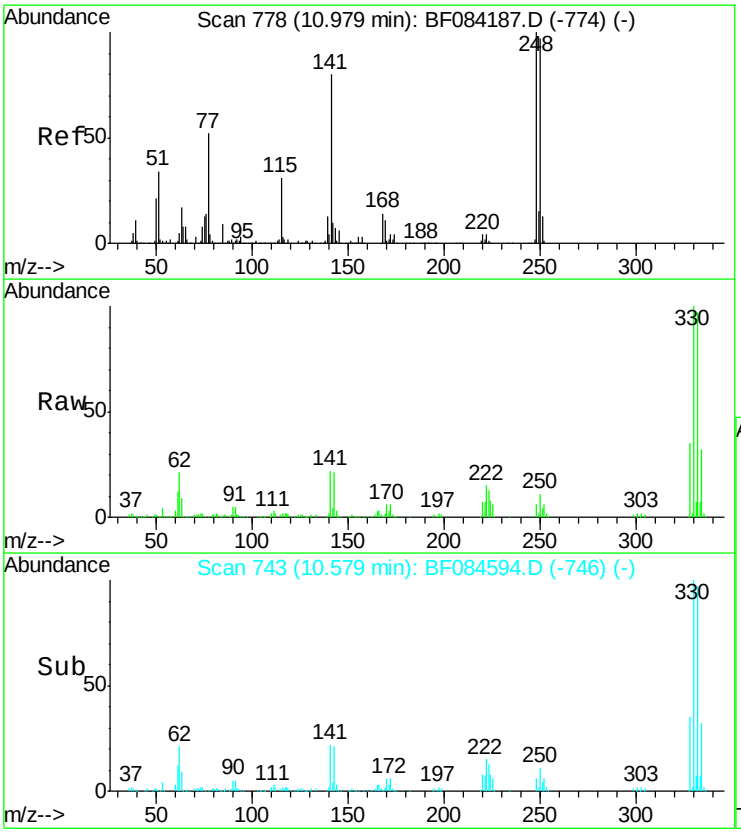
#64
4,6-Dinitro-2-methylphenol
Concen: 6.62 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.10 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion:198 Resp: 1150

Ion	Ratio	Lower	Upper
198	100		
51	121.8	18.9	58.9#
105	129.5	26.4	66.4#

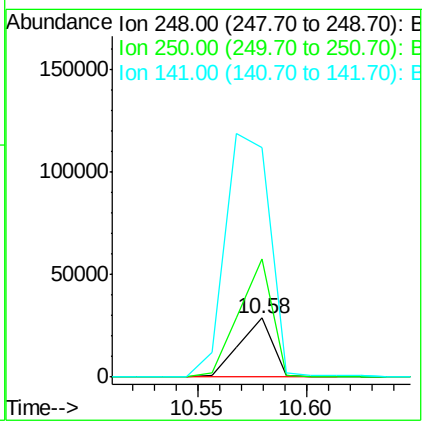


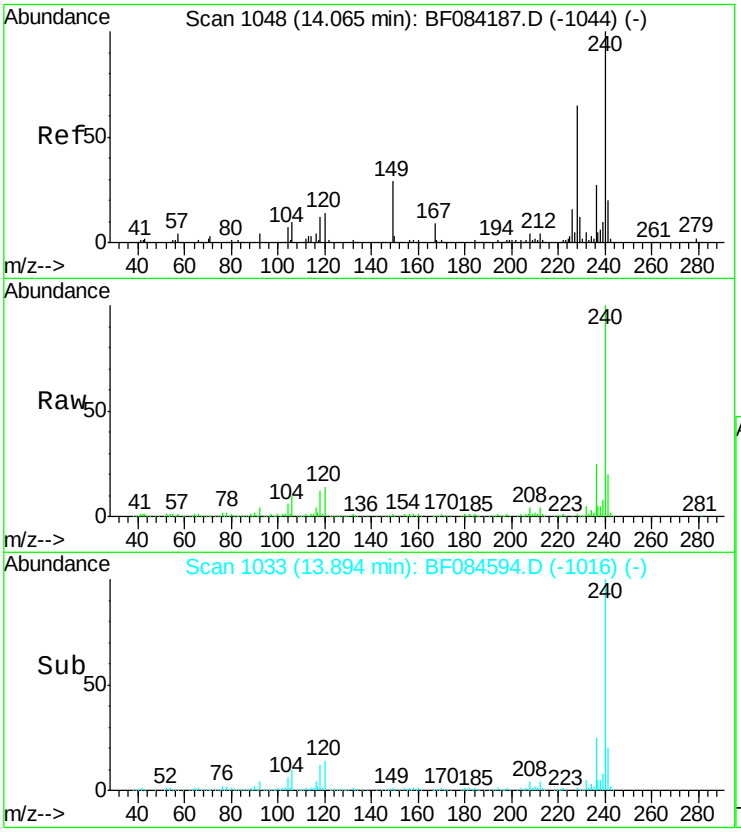


#66
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.33 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion:248 Resp: 30849

Ion	Ratio	Lower	Upper
248	100		
250	201.8	78.4	117.6#
141	391.0	44.0	66.0#



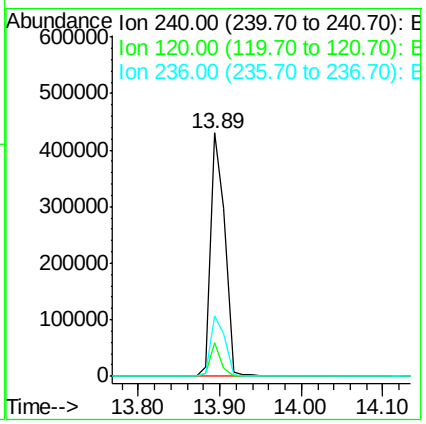


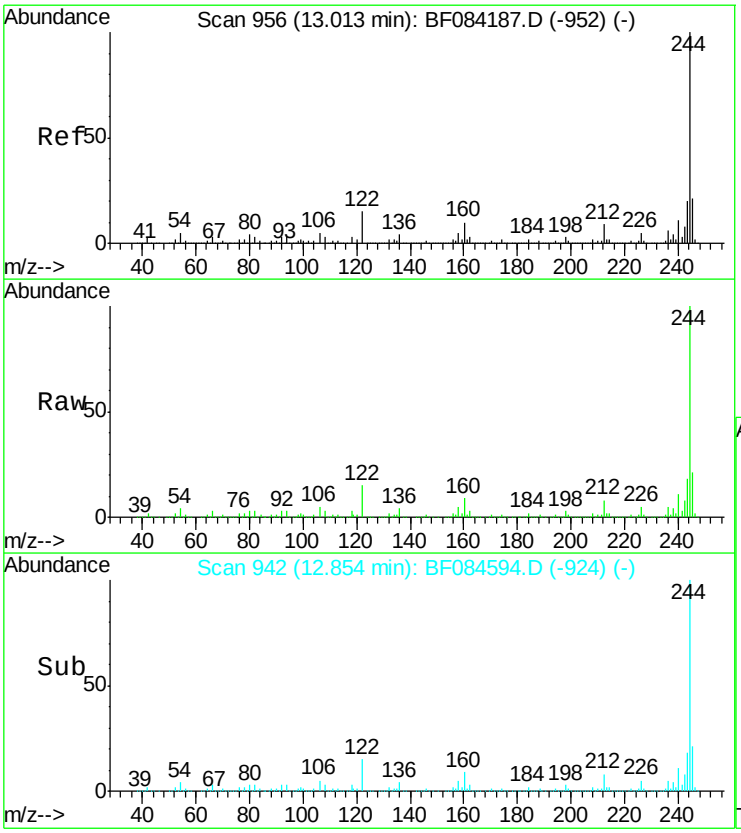
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.10 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion:240 Resp: 522514

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.0	20.6	31.0

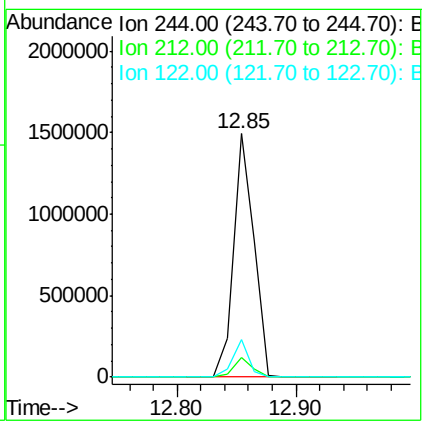


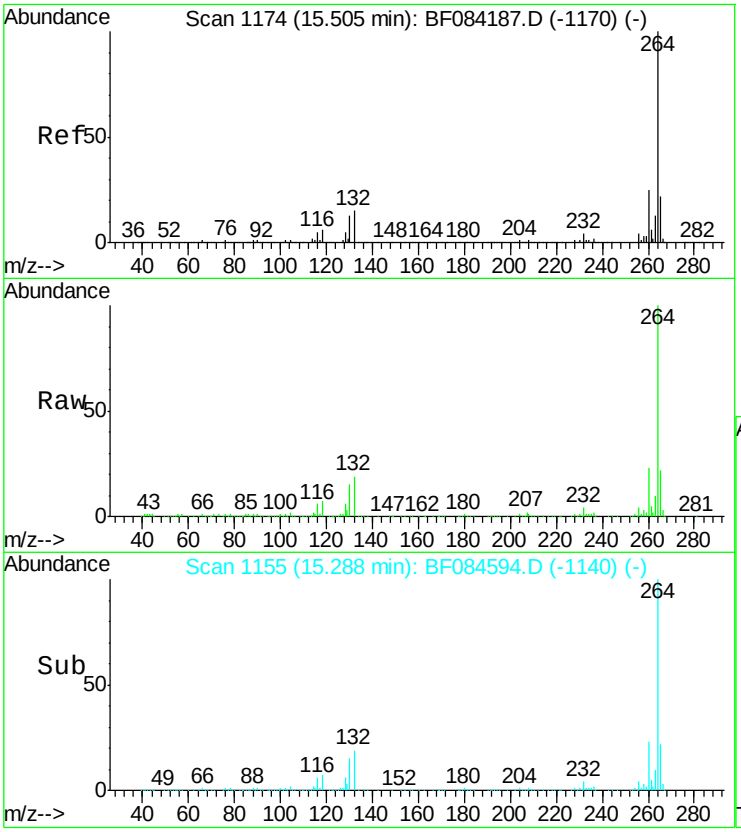


#78
Terphenyl-d14
Concen: 75.75 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.09 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Tgt Ion:244 Resp: 1773096

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	15.2	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.13 min
Lab File: BF084594.D
Acq: 22 Jan 2016 17:27

Instrument :
BNA_F
ClientSampleId :
P001-SS017-1824-01

Tgt Ion:264 Resp: 381236

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.9	17.8	26.6