Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084552.D
Acq On : 19 Jan 2016 15:15
Operator : SJ/UM
Sample : H1156-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM143-195COMPOSITE

Quant Time: Jan 19 23:58:30 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	6.80	152	210175	20.00	ng		-0.03
21) Naphthalene-d8	8.08	136	865357	20.00	ng		-0.05
38) Acenaphthene-d10	9.84	164	426512	20.00	ng		-0.03
63) Phenanthrene-d10	11.31	188	757224	20.00	ng		-0.05
75) Chrysene-d12	13.95	240	723629	20.00	ng		-0.05
86) Perylene-d12	15.36	264	503648	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1354148	104.21	ng		-0.03
7) Phenol-d6	6.44	99	1788757	109.61	ng		-0.03
23) Nitrobenzene-d5	7.36	82	1044505	67.18	ng		-0.05
41) 2,4,6-Tribromophenol	10.62	330	531659	123.47	ng		-0.05
44) 2-Fluorobiphenyl	9.16	172	2055181	84.75	ng		-0.03
78) Terphenyl-d14	12.90	244	1982974	61.17	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	36502	3.44	ng		87
19) n-Nitroso-di-n-propylamine	7.36	70	143880	13.02	ng	#	72
25) Isophorone	7.36	82	839781	28.24	ng	#	66
32) Benzoic acid	7.81	122	252	6.27	ng		83
49) Dimethylphthalate	9.55	163	497157	16.30	ng	#	90
54) Dibenzofuran	10.03	168	761	Below Cal		#	45
56) 2,4-Dinitrotoluene	9.84	165	55284	6.53	ng	#	21
57) Fluorene	10.37	166	937	Below Cal		#	69
64) 4,6-Dinitro-2-methylphenol	10.62	198	1319	6.63	ng	#	3
66) 4-Bromophenyl-phenylether	10.62	248	33453	4.10	ng	#	1
73) Di-n-butylphthalate	11.88	149	10497	Below Cal			98

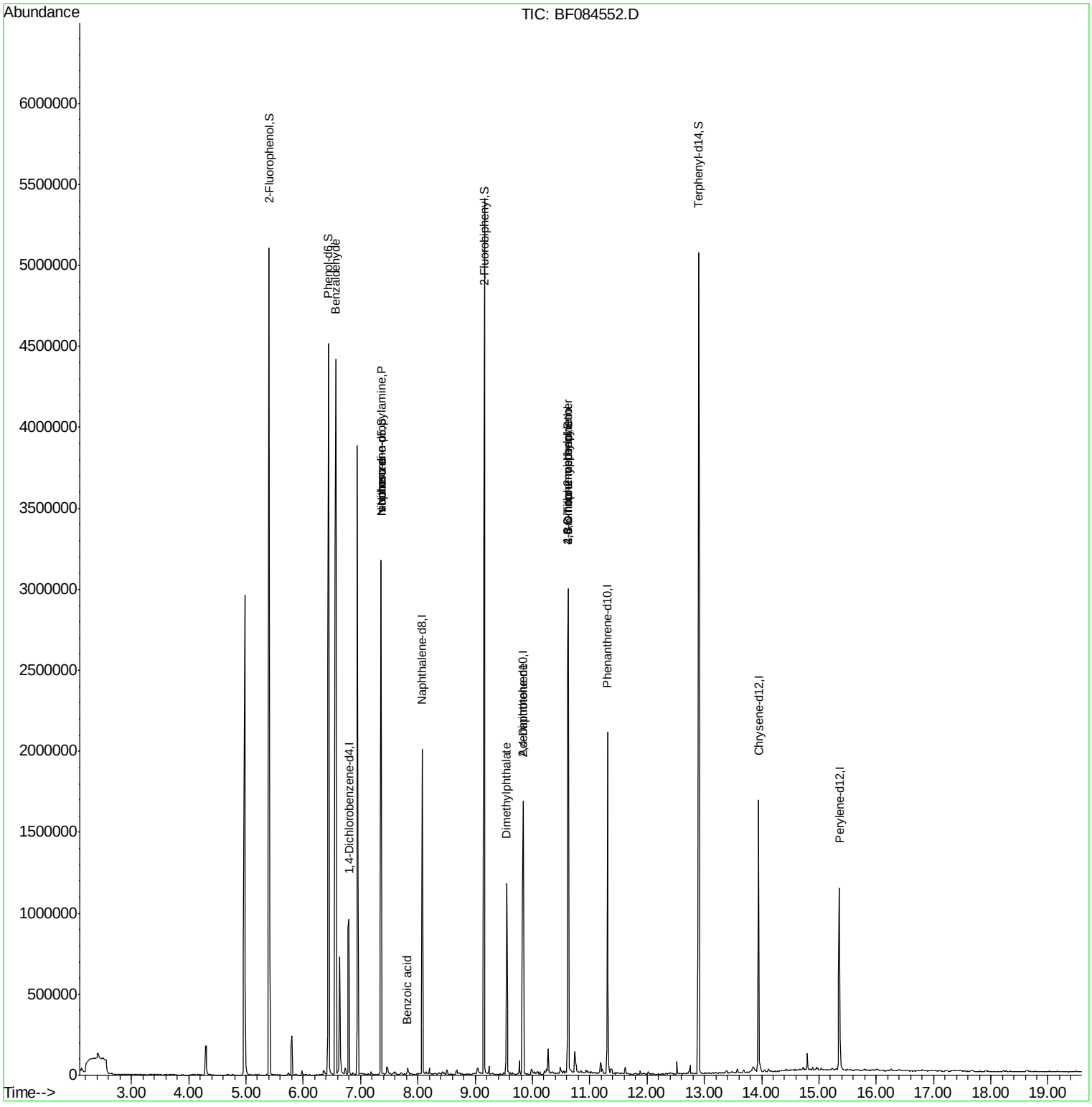
(#) = qualifier out of range (m) = manual integration (+) = signals summed

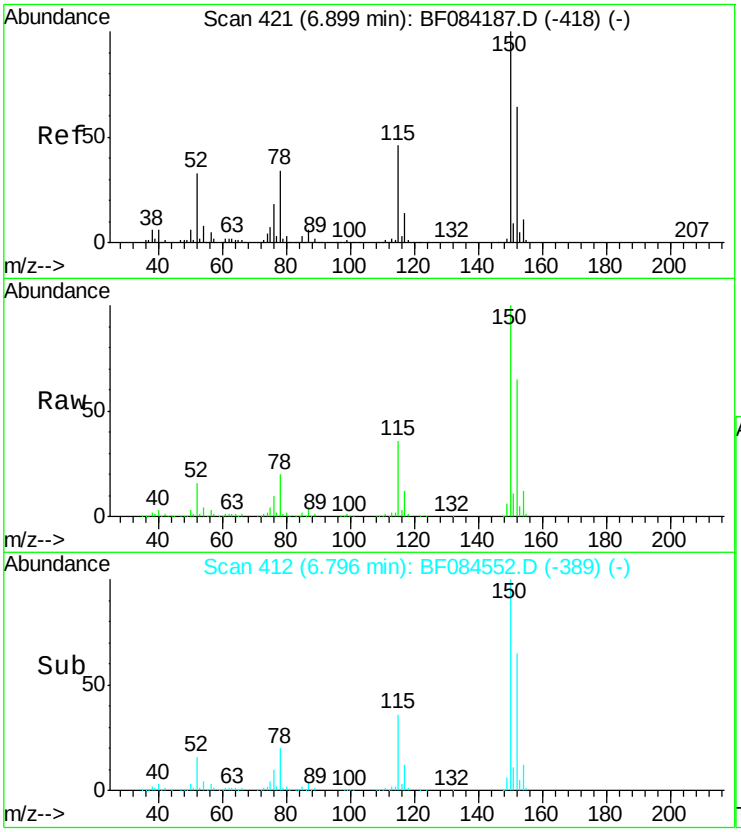
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084552.D
Acq On : 19 Jan 2016 15:15
Operator : SJ/UM
Sample : H1156-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Quant Time: Jan 19 23:58:30 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



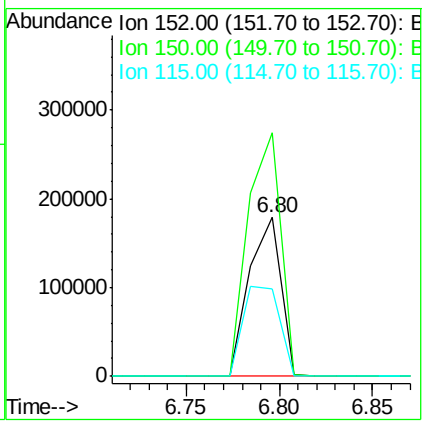


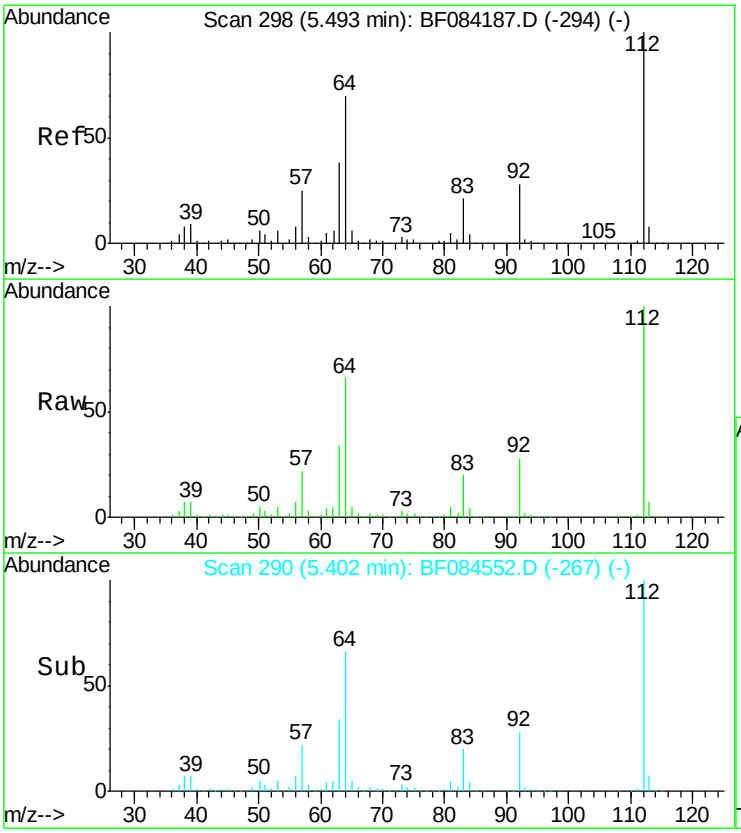
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Tgt Ion:152 Resp: 210175

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.0	184.4
115	54.7	51.4	77.2

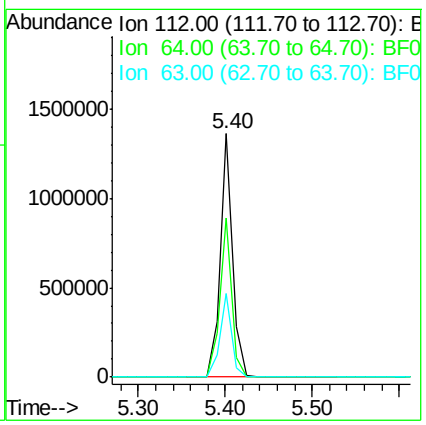


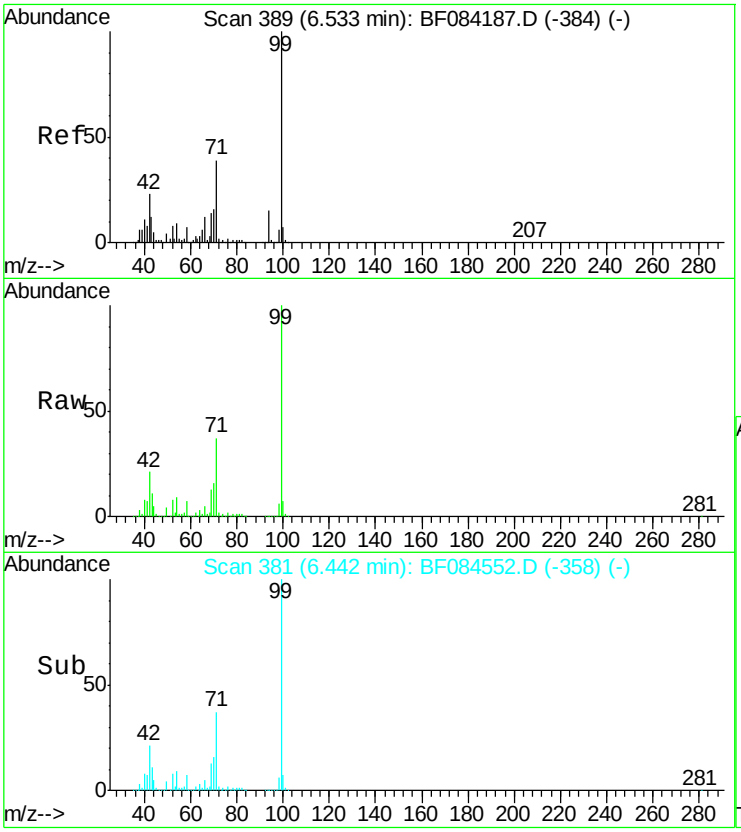


#5
2-Fluorophenol
Concen: 104.21 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Tgt Ion:112 Resp: 1354148

Ion	Ratio	Lower	Upper
112	100		
64	65.6	36.6	55.0#
63	34.1	19.4	29.0#



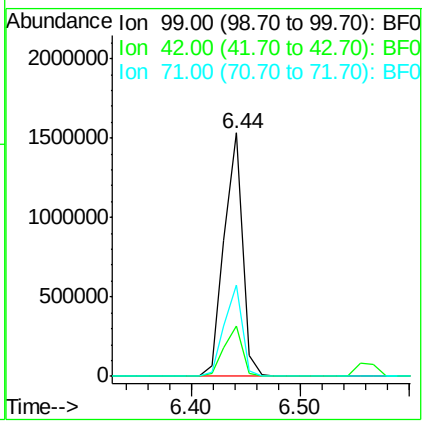


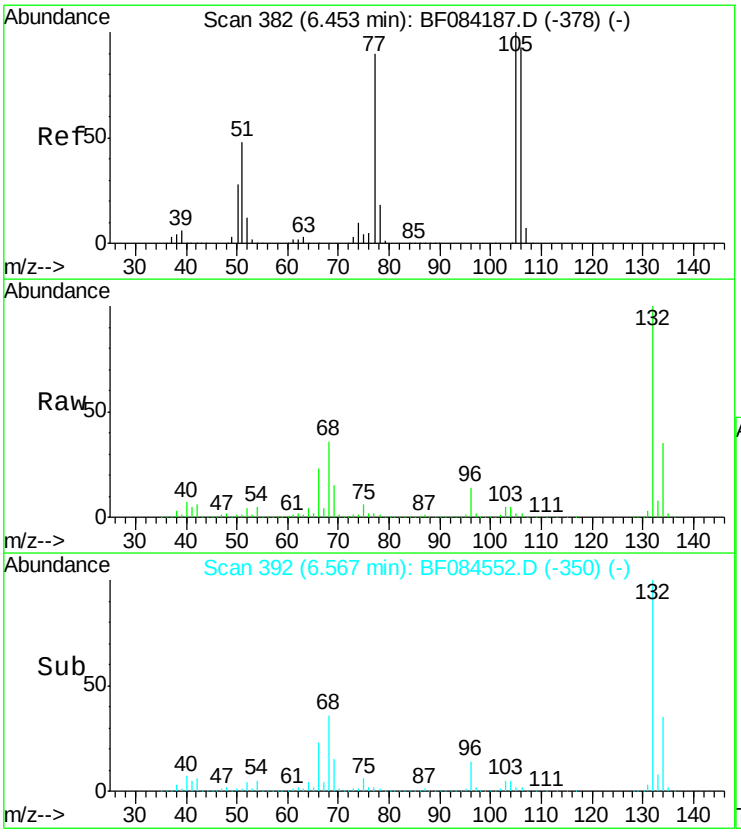
#7
Phenol-d6
Concen: 109.61 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.03 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Tgt Ion: 99 Resp: 1788757

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	37.3	30.9	46.3

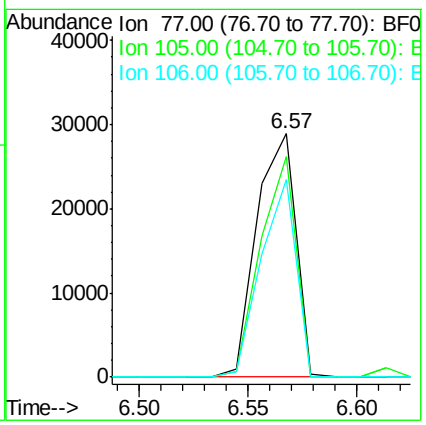


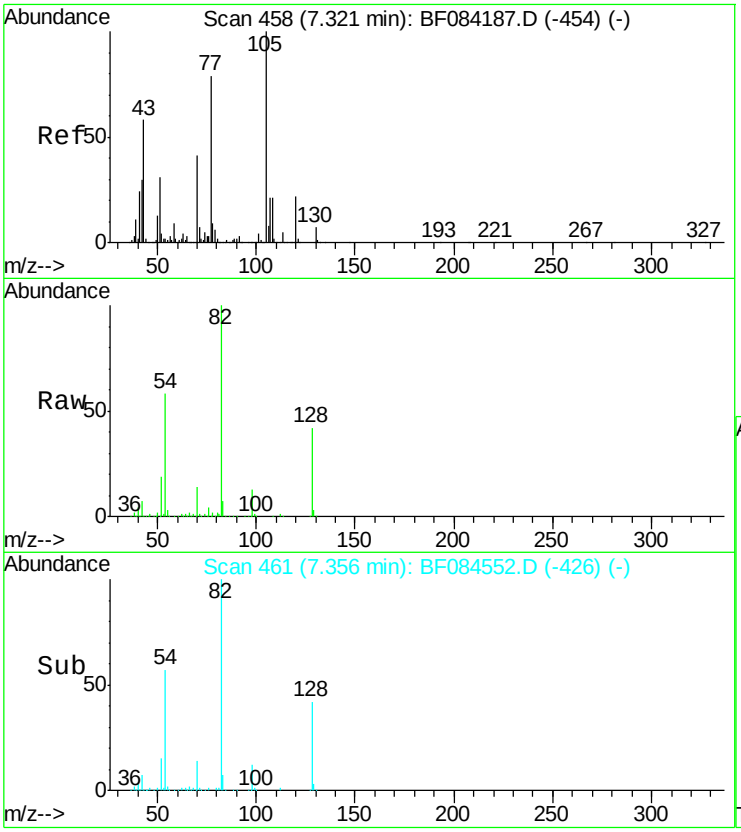


#9
Benzaldehyde
Concen: 3.44 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.18 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Tgt Ion: 77 Resp: 36502

Ion	Ratio	Lower	Upper
77	100		
105	90.5	83.0	123.0
106	80.9	74.6	114.6



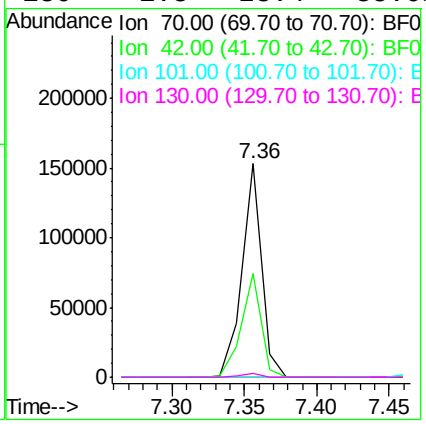


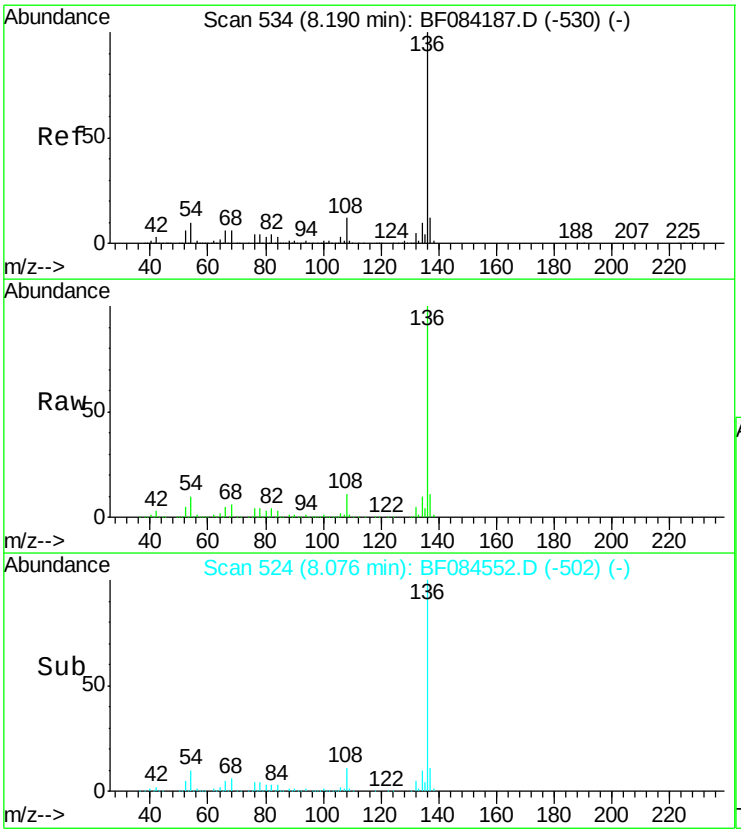
#19
n-Nitroso-di-n-propylamine
Concen: 13.02 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.10 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Tgt Ion: 70 Resp: 143880

Ion	Ratio	Lower	Upper
70	100		
42	48.7	33.3	49.9
101	0.0	9.3	13.9#
130	1.8	23.4	35.0#

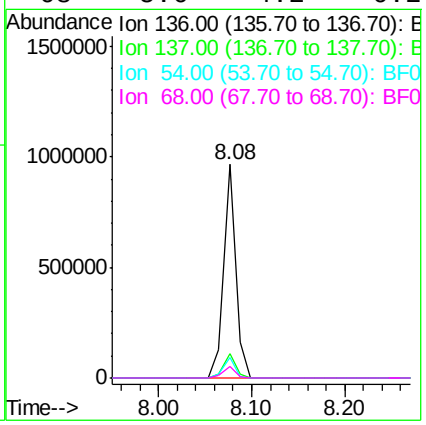


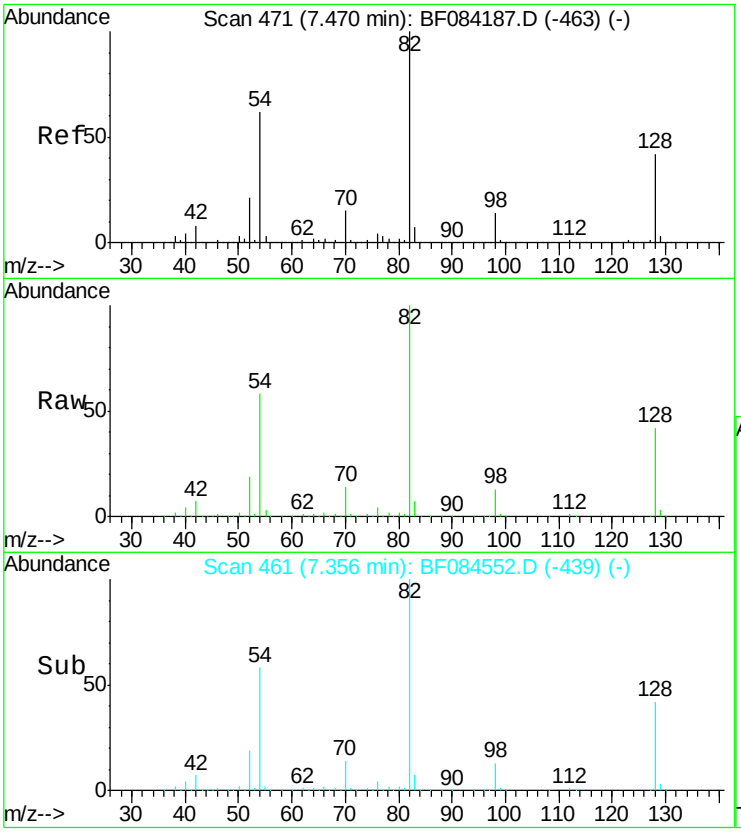


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.05 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Tgt Ion:136 Resp: 865357

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.6	5.8	8.8#
68	5.6	4.2	6.2



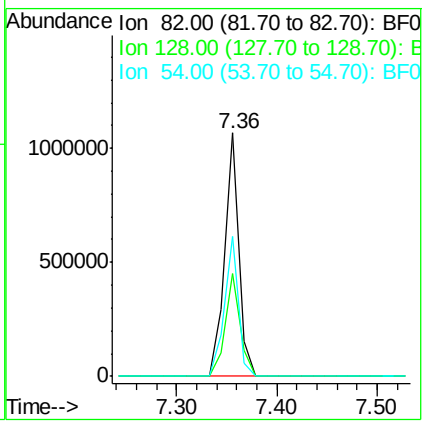


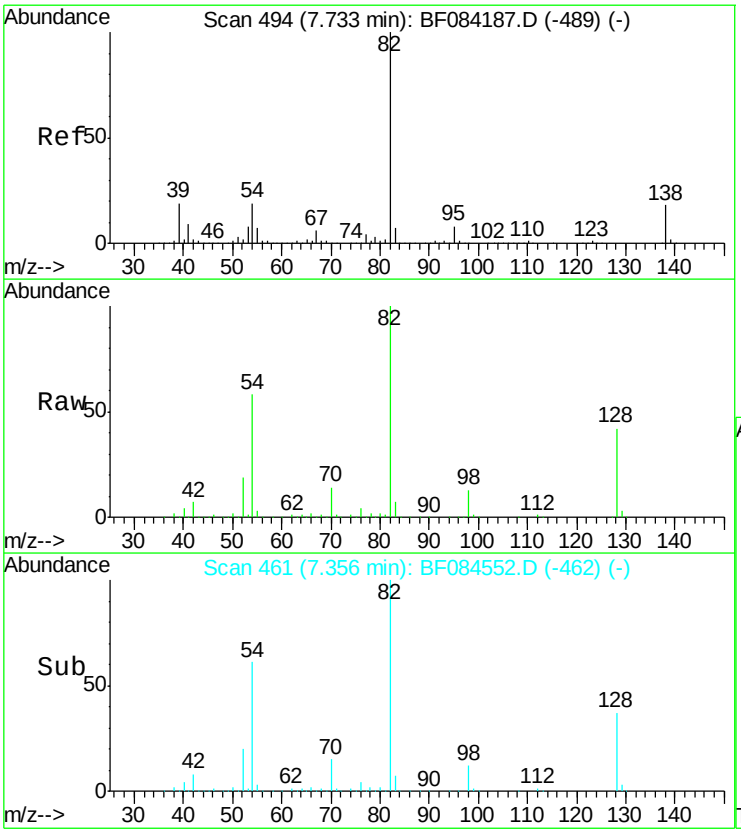
#23
Nitrobenzene-d5
Concen: 67.18 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Tgt Ion: 82 Resp: 1044505

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	57.5	38.4	57.6

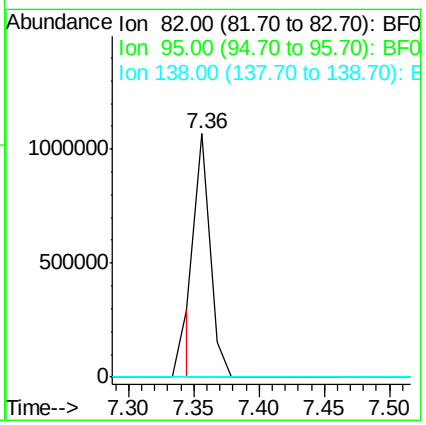


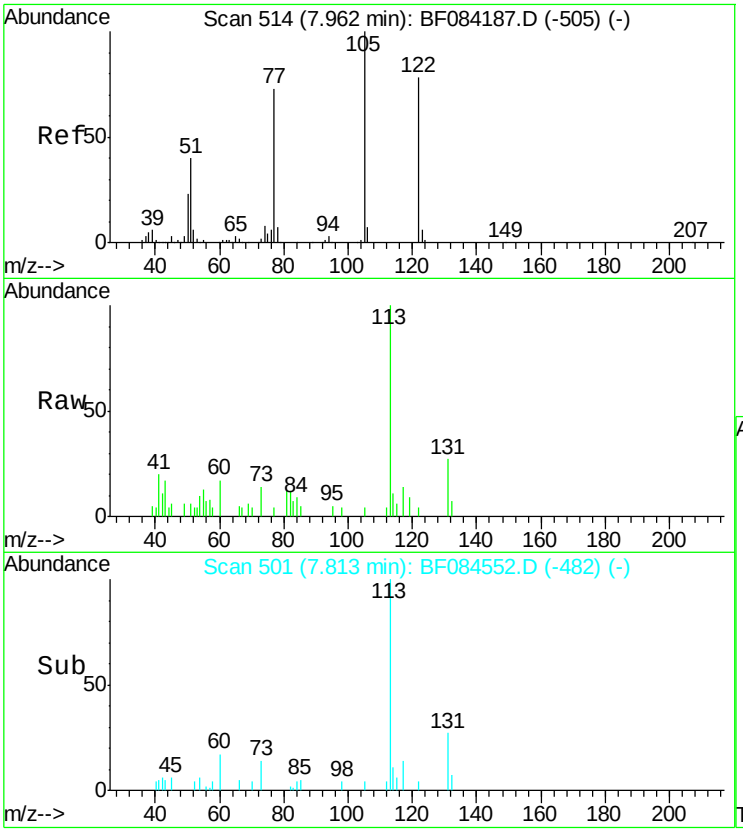


#25
Isophorone
Concen: 28.24 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.31 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Tgt Ion: 82 Resp: 839781

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



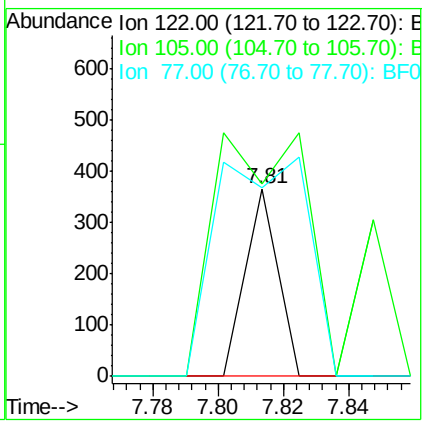


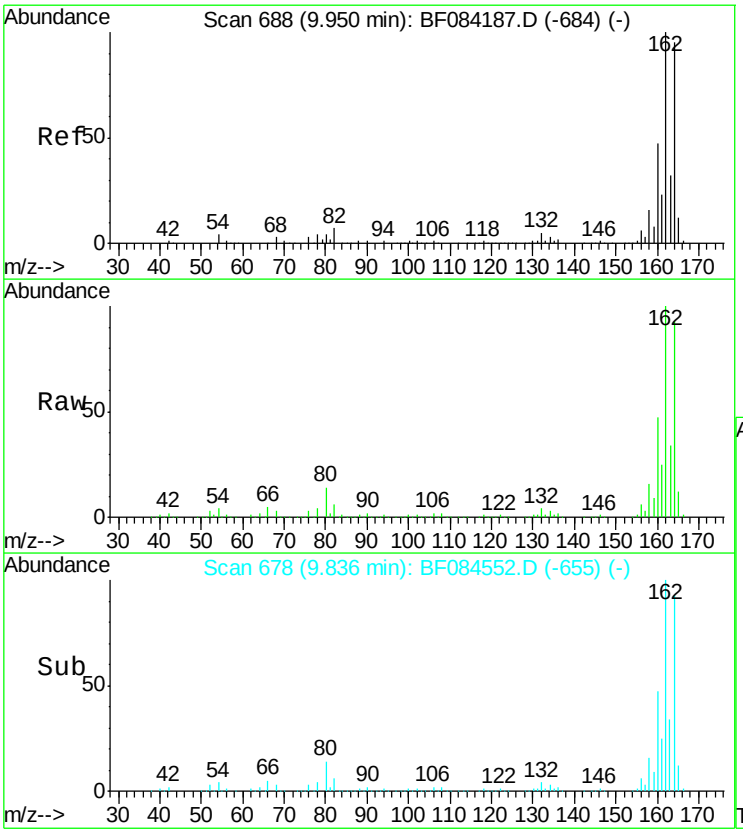
#32
Benzoic acid
Concen: 6.27 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.08 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Tgt Ion:122 Resp: 252

Ion	Ratio	Lower	Upper
122	100		
105	102.5	100.3	140.3
77	100.3	63.5	103.5

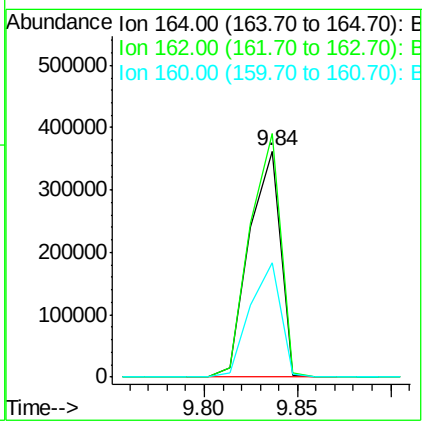


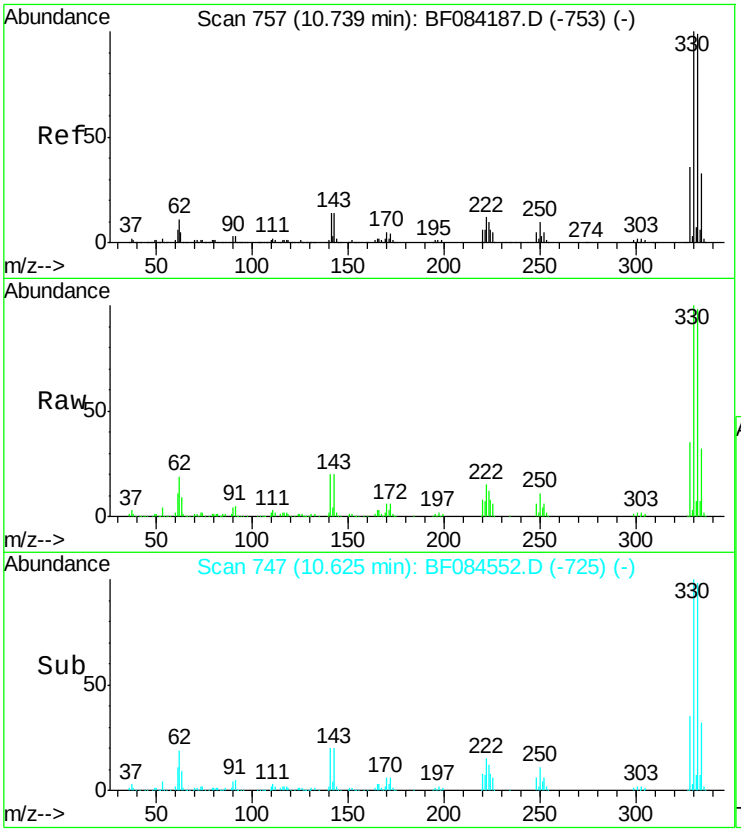


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Tgt Ion:164 Resp: 426512

Ion	Ratio	Lower	Upper
164	100		
162	107.6	85.1	127.7
160	50.6	37.5	56.3



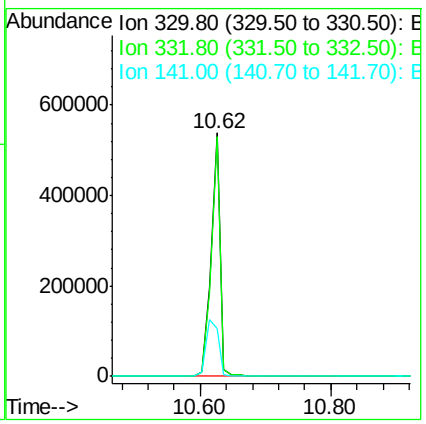


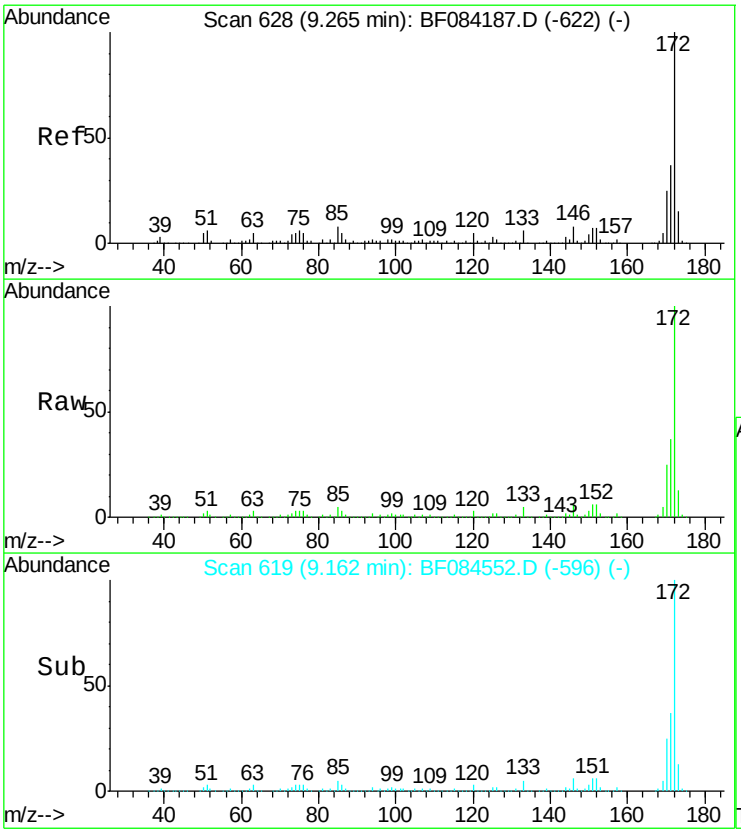
#41
2,4,6-Tribromophenol
Concen: 123.47 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Tgt Ion:330 Resp: 531659

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	32.1	27.8	41.6

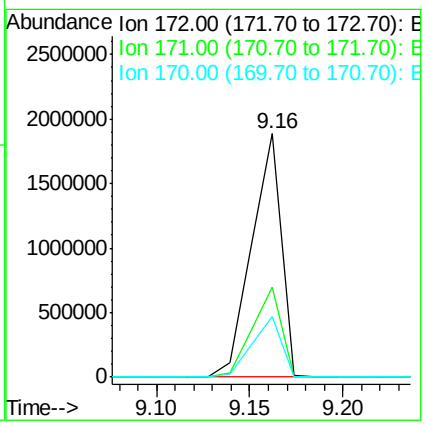


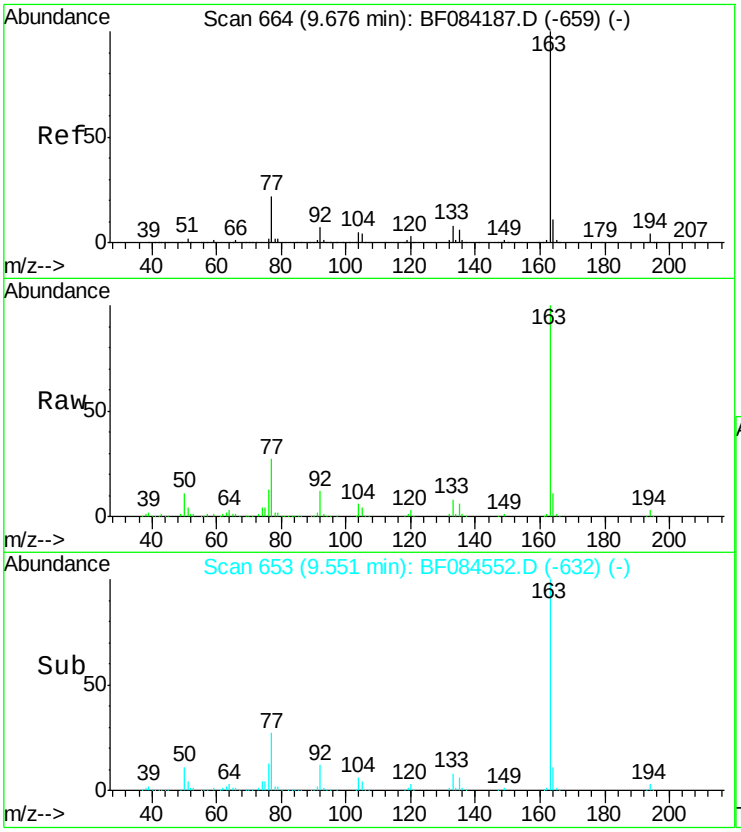


#44
2-Fluorobiphenyl
Concen: 84.75 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Tgt Ion:172 Resp: 2055181

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.7	18.6	27.8



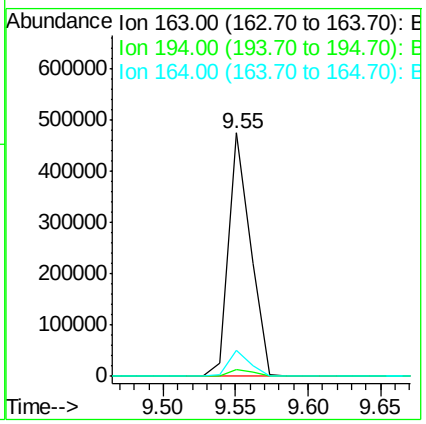


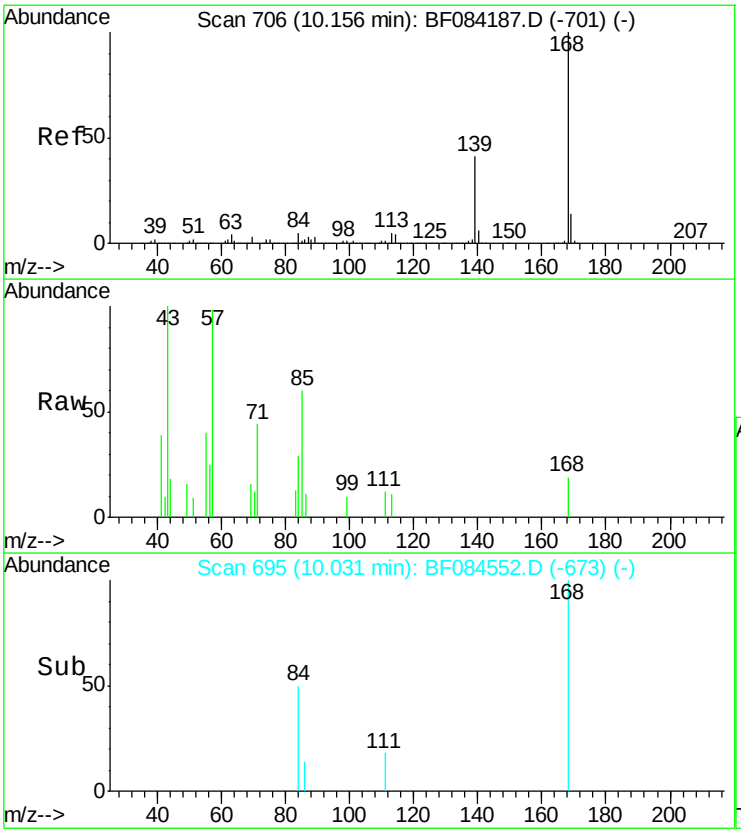
#49
Dimethylphthalate
Concen: 16.30 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.06 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Tgt Ion:163 Resp: 497157

Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.7	8.0	12.0

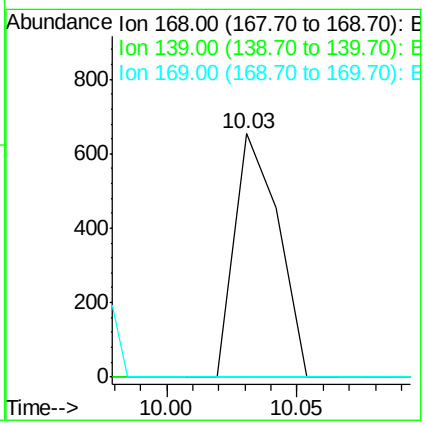


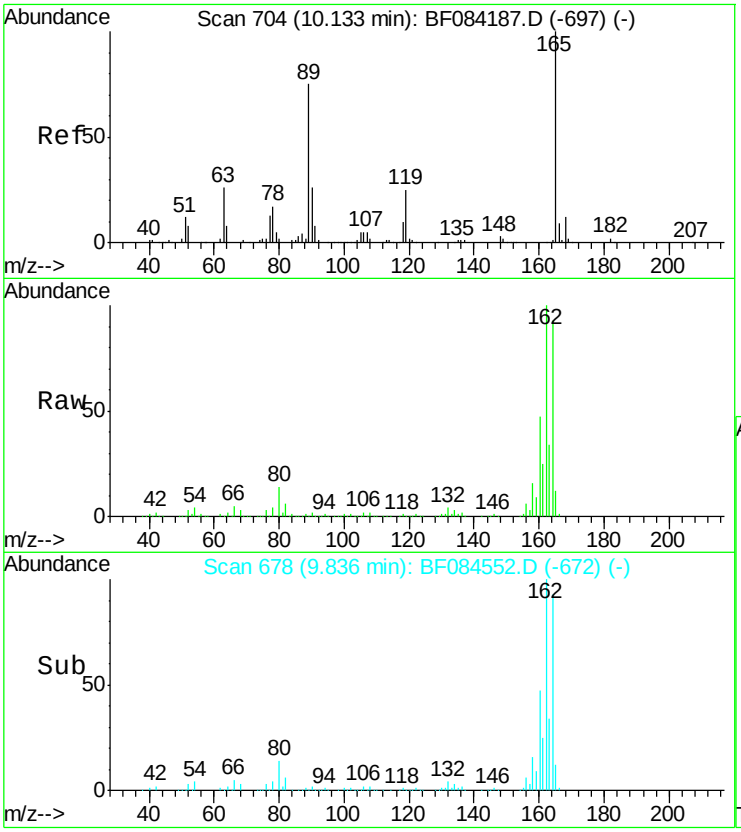


#54
Dibenzofuran
Concen: Below Cal
RT: 10.03 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Tgt Ion:168 Resp: 761

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



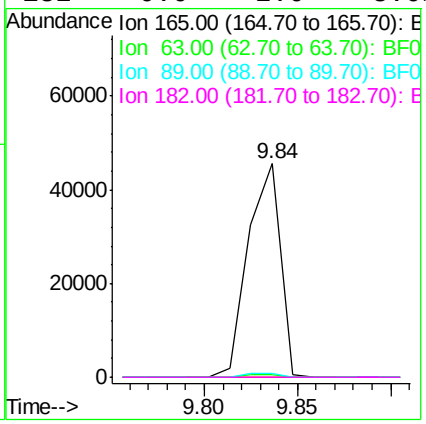


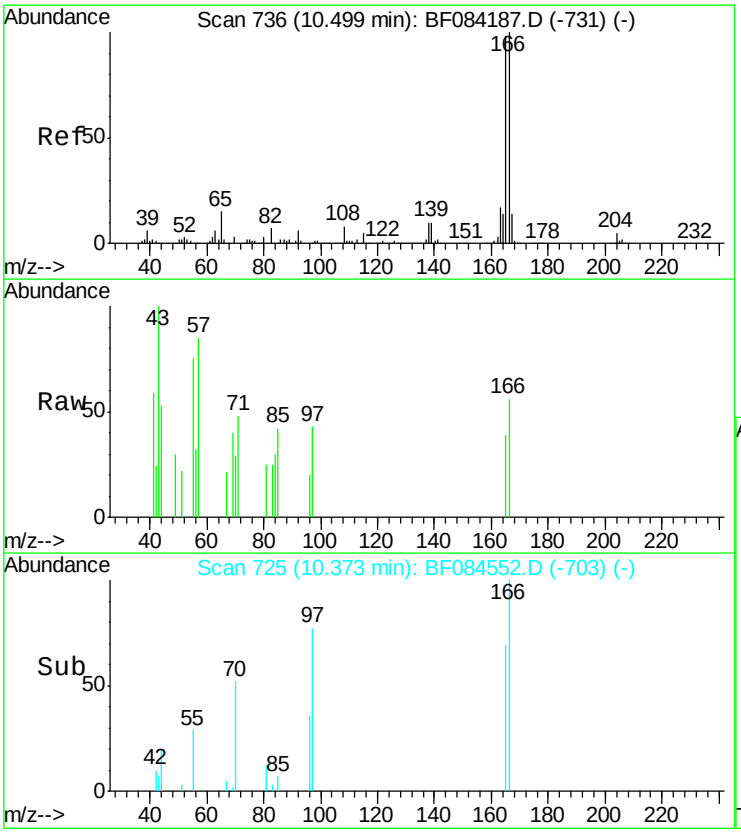
#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.23 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Tgt Ion:165 Resp: 55284

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#

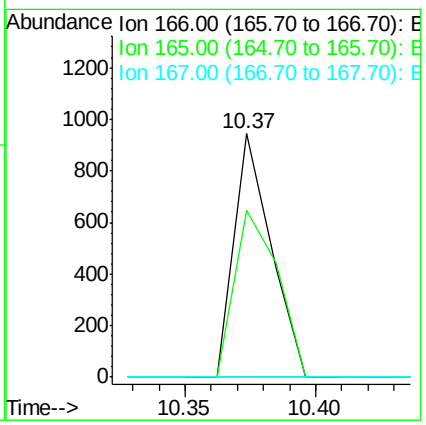


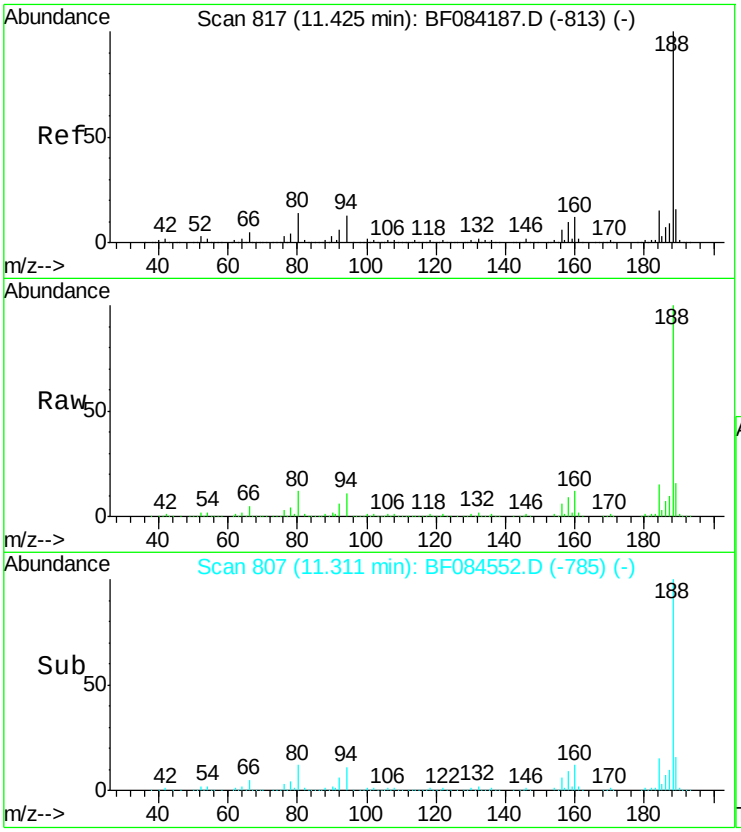


#57
Fluorene
Concen: Below Cal
RT: 10.37 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Tgt Ion:166 Resp: 937

Ion	Ratio	Lower	Upper
166	100		
165	68.8	79.1	118.7#
167	0.0	10.4	15.6#



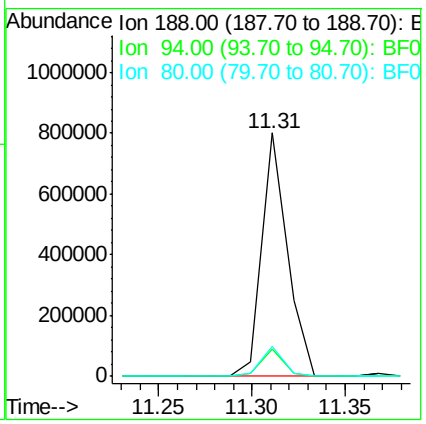


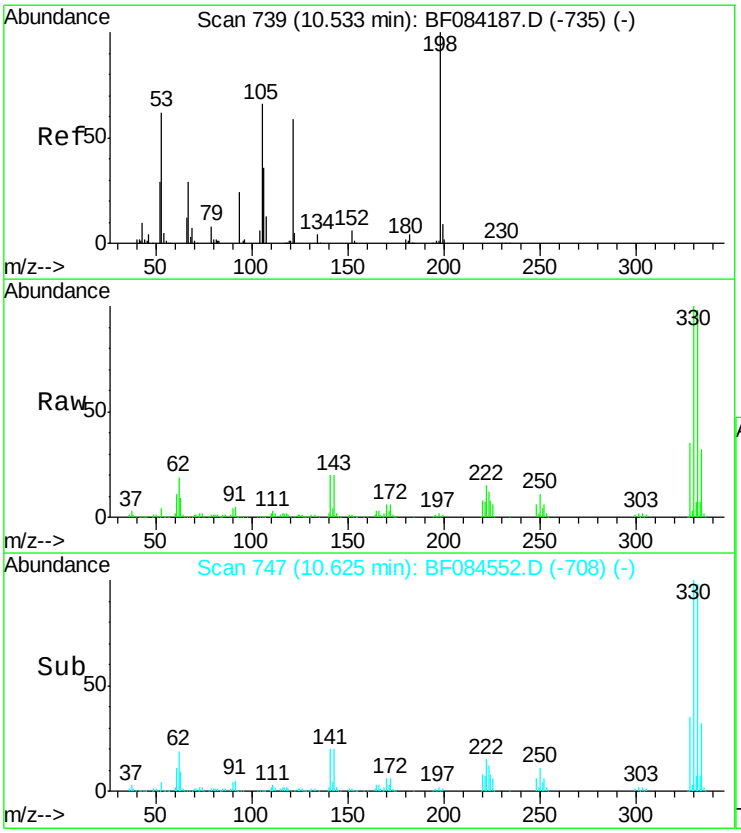
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Tgt Ion:188 Resp: 757224

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.4
80	12.1	9.6	14.4

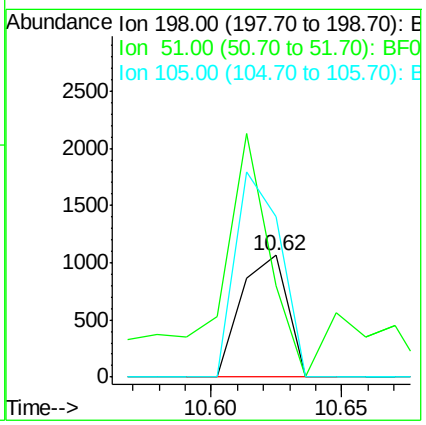


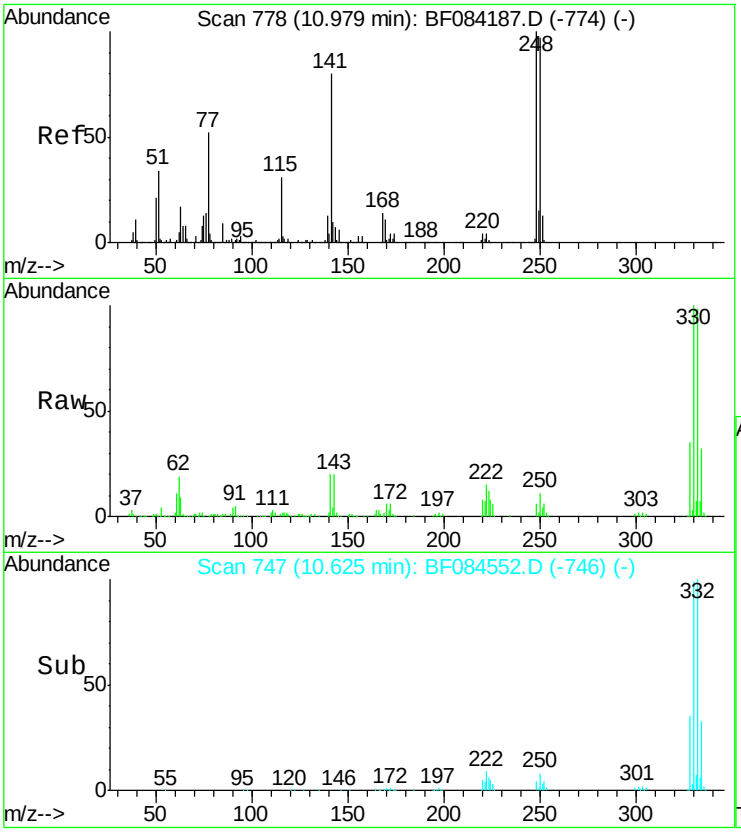


#64
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.15 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Tgt Ion:198 Resp: 1319

Ion	Ratio	Lower	Upper
198	100		
51	75.5	18.9	58.9#
105	131.9	26.4	66.4#



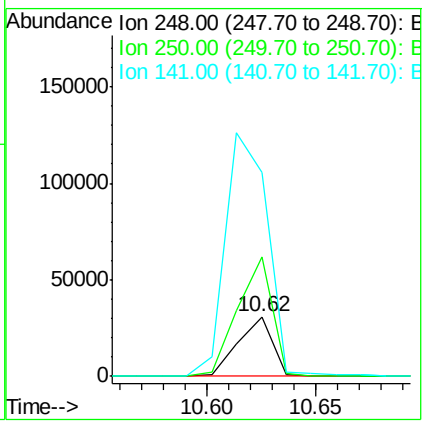


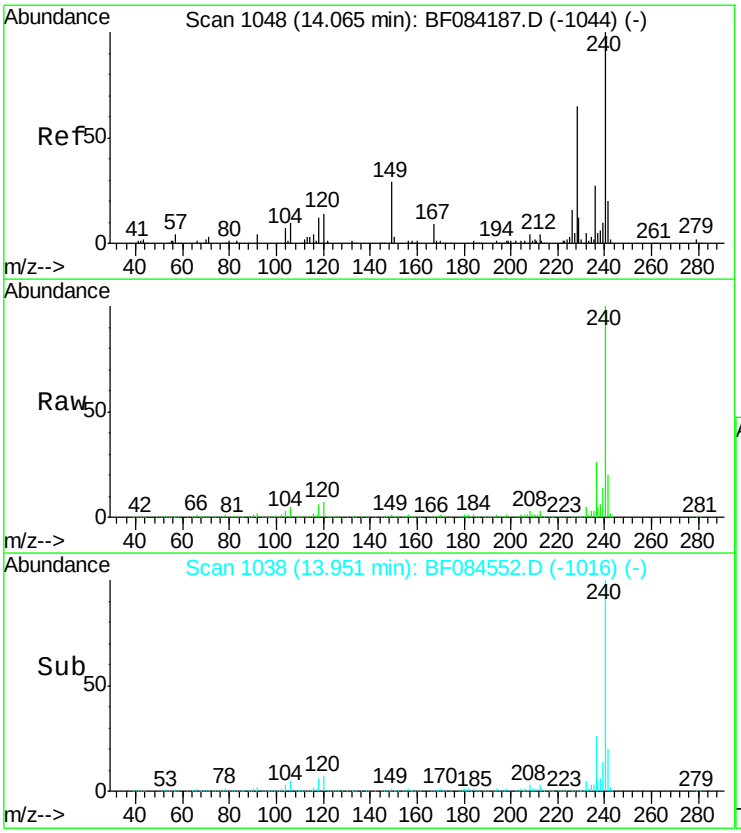
#66
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Tgt Ion:248 Resp: 33453

Ion	Ratio	Lower	Upper
248	100		
250	200.6	78.4	117.6#
141	343.3	44.0	66.0#

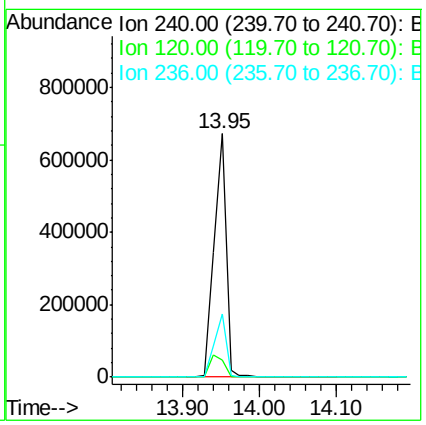


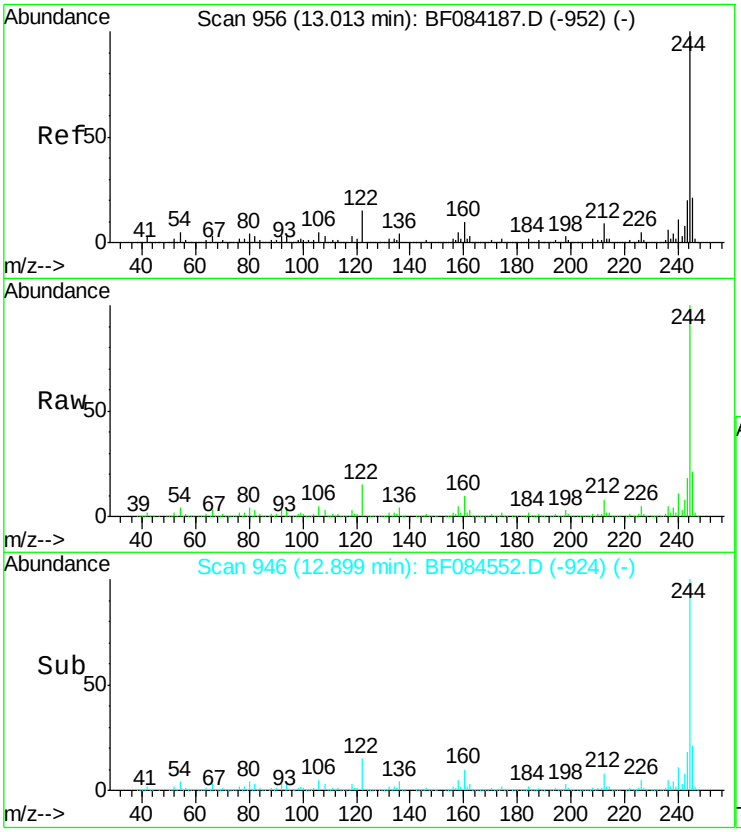


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Tgt Ion:240 Resp: 723629

Ion	Ratio	Lower	Upper
240	100		
120	7.0	9.5	14.3#
236	26.0	20.6	31.0



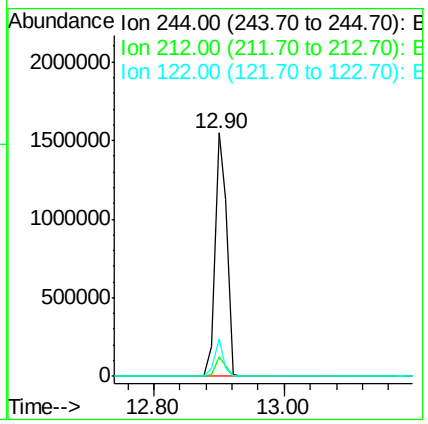


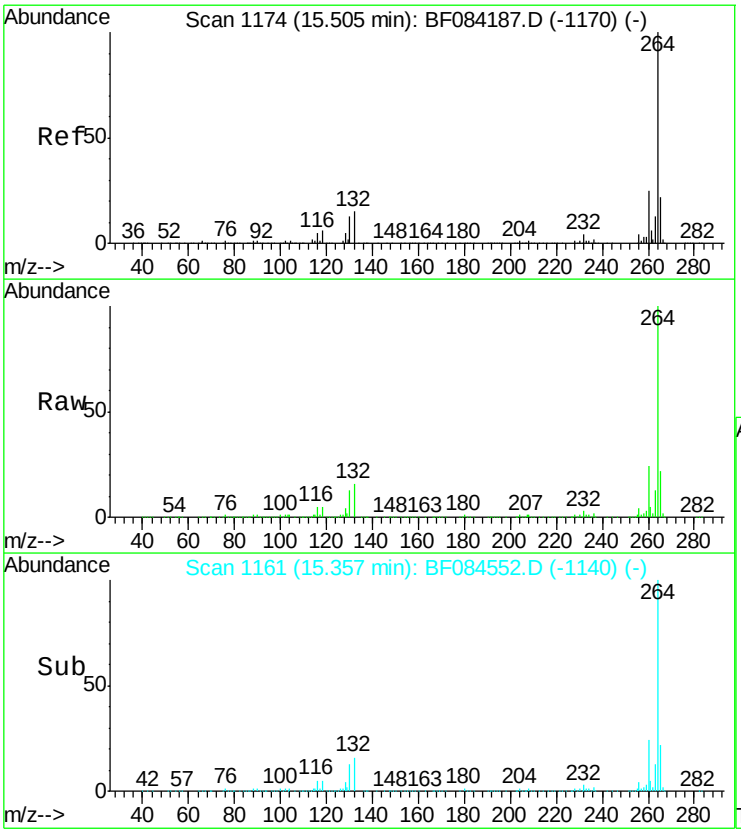
#78
Terphenyl-d14
Concen: 61.17 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Instrument :
BNA_F
ClientSampleId :
DRUM143-195COMPOSITE

Tgt Ion:244 Resp: 1982974

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	15.4	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084552.D
Acq: 19 Jan 2016 15:15

Tgt Ion:264 Resp: 503648

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.3	17.8	26.6