Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084468.D
Acq On : 14 Jan 2016 4:34
Operator : SJ/UM
Sample : H1113-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Time: Jan 14 11:17:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	269258	20.00	ng	-0.07
21) Naphthalene-d8	8.11	136	1054383	20.00	ng	-0.08
38) Acenaphthene-d10	9.87	164	512828	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	980229	20.00	ng	-0.07
75) Chrysene-d12	13.99	240	823165	20.00	ng	-0.08
86) Perylene-d12	15.40	264	627813	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	725679	43.59	ng	-0.04
7) Phenol-d6	6.46	99	656886	31.42	ng	-0.07
23) Nitrobenzene-d5	7.40	82	1729027	91.27	ng	-0.07
41) 2,4,6-Tribromophenol	10.66	330	462956	89.42	ng	-0.08
44) 2-Fluorobiphenyl	9.20	172	2524167	86.71	ng	-0.07
78) Terphenyl-d14	12.95	244	2396724	64.99	ng	-0.07
Target Compounds						Qvalue
18) Hexachloroethane	7.37	117	25522	3.27	ng	# 21
19) n-Nitroso-di-n-propylamine	7.40	70	235856	16.67	ng	# 78
25) Isophorone	7.40	82	1577275	43.53	ng	# 66
32) Benzoic acid	7.92	122	635	6.30	ng	# 55
49) Dimethylphthalate	9.58	163	192101	5.24	ng	# 89
54) Dibenzofuran	10.08	168	4680	Below Cal		# 77
57) Fluorene	10.42	166	1952	Below Cal		# 54
60) 4-Chlorophenyl-phenylether	10.40	204	2478	Below Cal		# 87
64) 4,6-Dinitro-2-methylphenol	10.49	198	567	6.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	28822	2.73	ng	# 1
73) Di-n-butylphthalate	11.92	149	14280	Below Cal		# 75

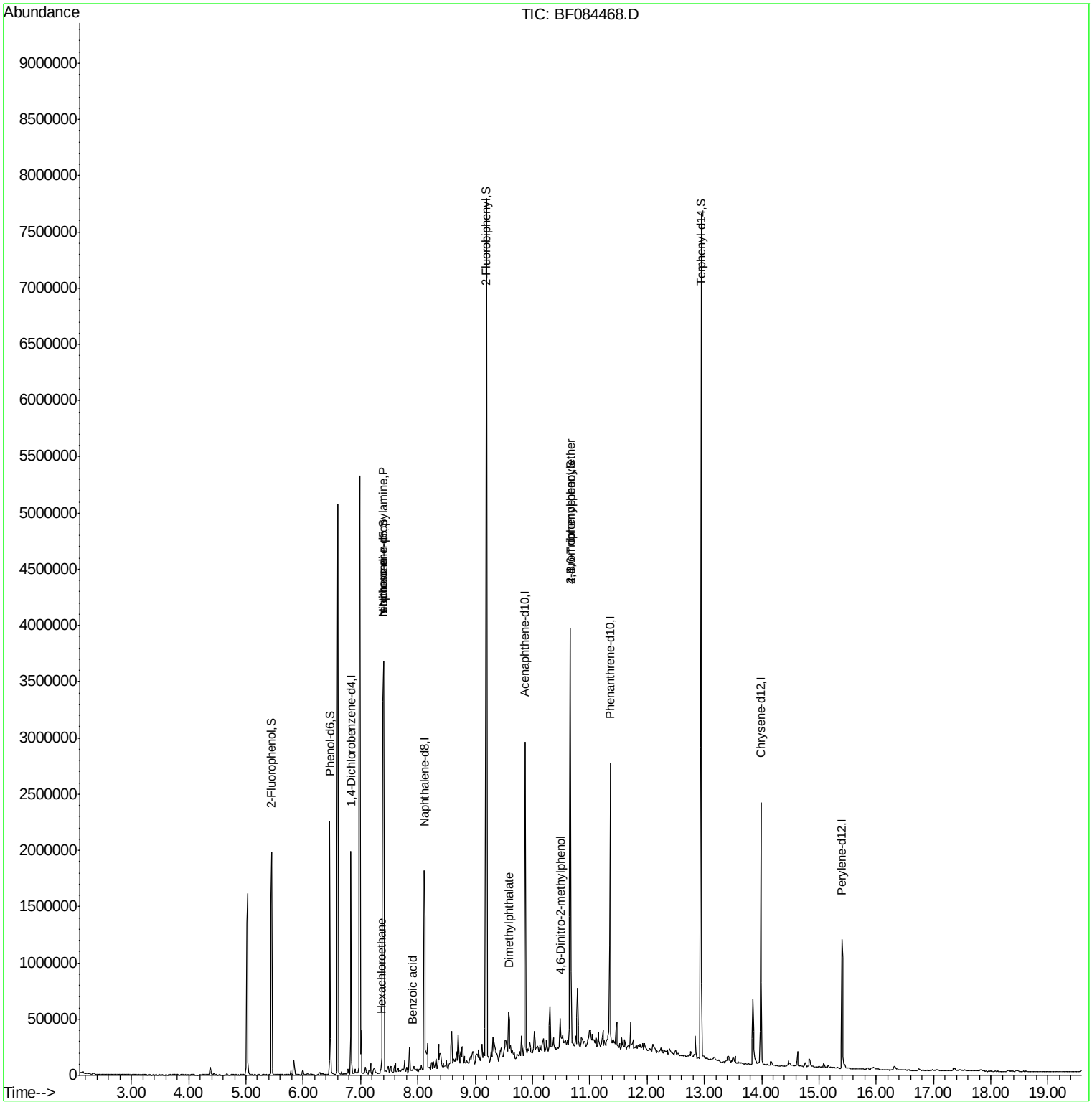
(#) = qualifier out of range (m) = manual integration (+) = signals summed

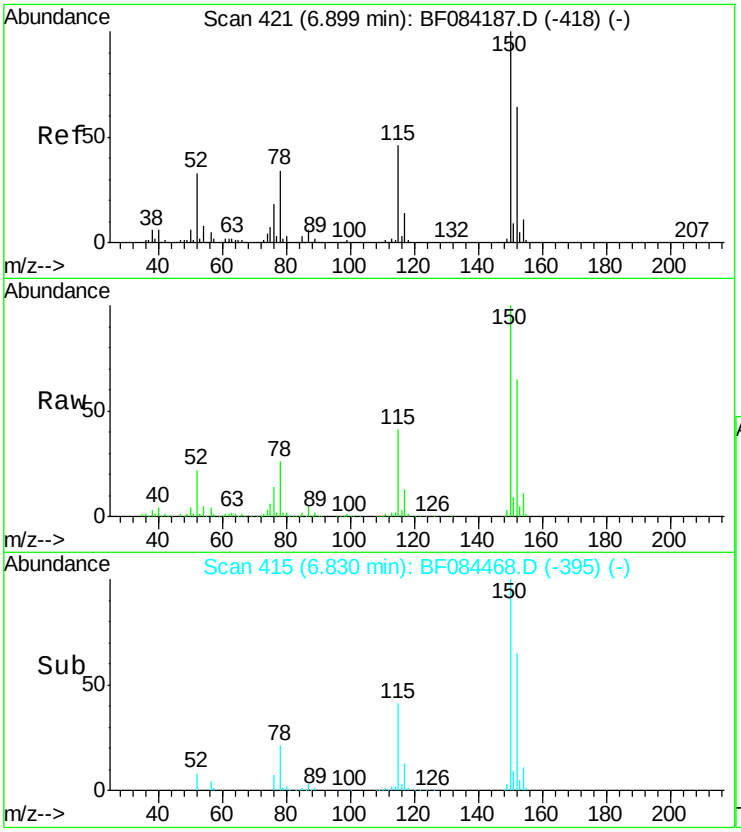
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084468.D
Acq On : 14 Jan 2016 4:34
Operator : SJ/UM
Sample : H1113-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Jan 14 11:17:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



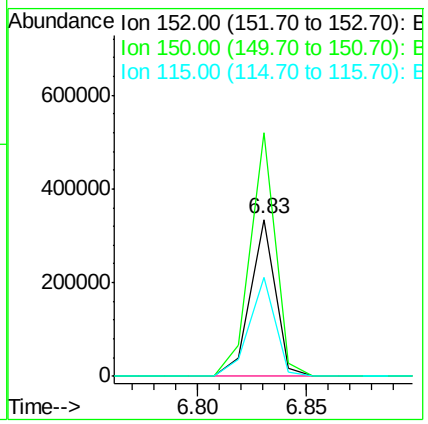


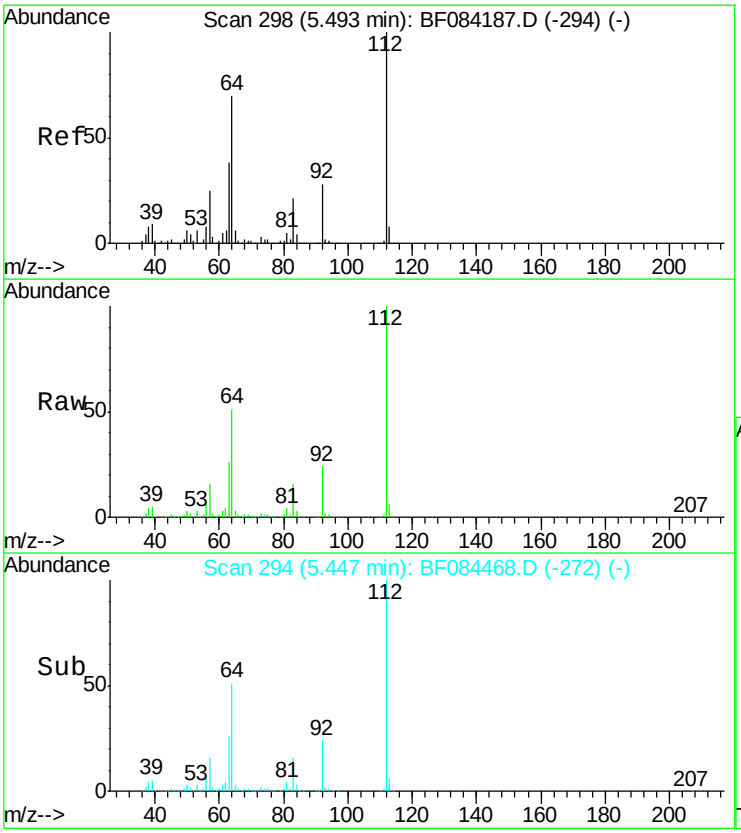
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.07 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 269258

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.0	184.4
115	63.4	51.4	77.2

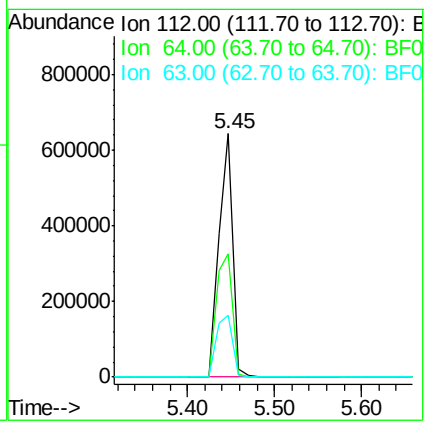


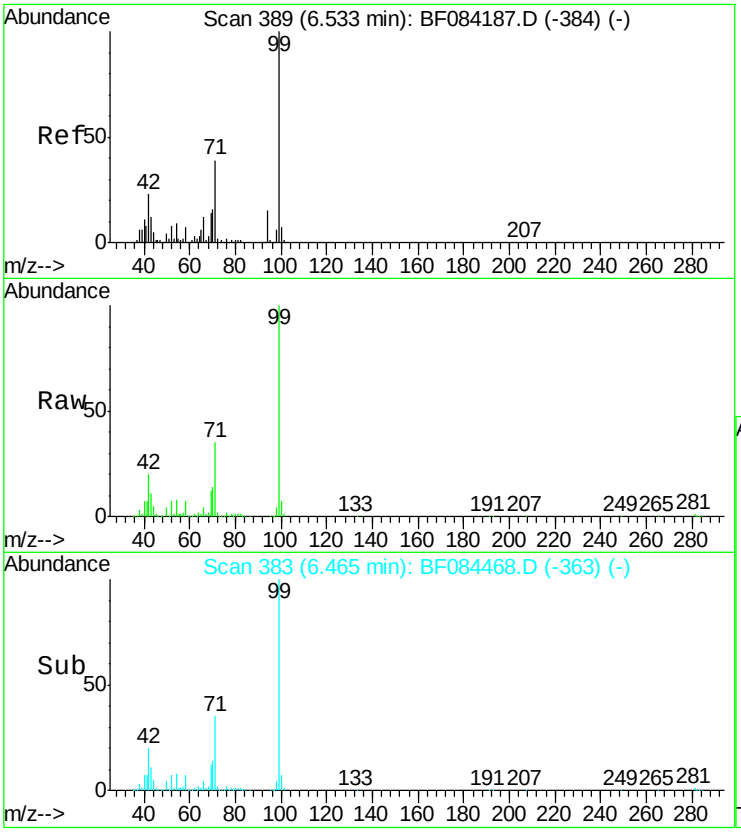


#5
2-Fluorophenol
Concen: 43.59 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.04 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:112 Resp: 725679

Ion	Ratio	Lower	Upper
112	100		
64	50.9	36.6	55.0
63	25.5	19.4	29.0



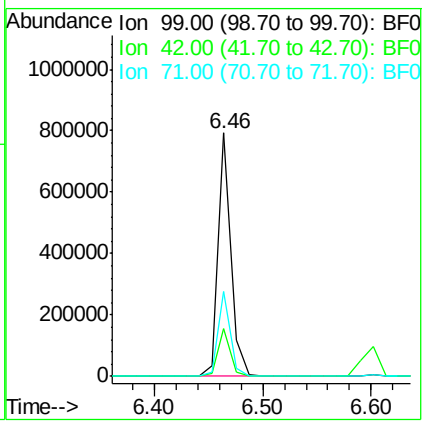


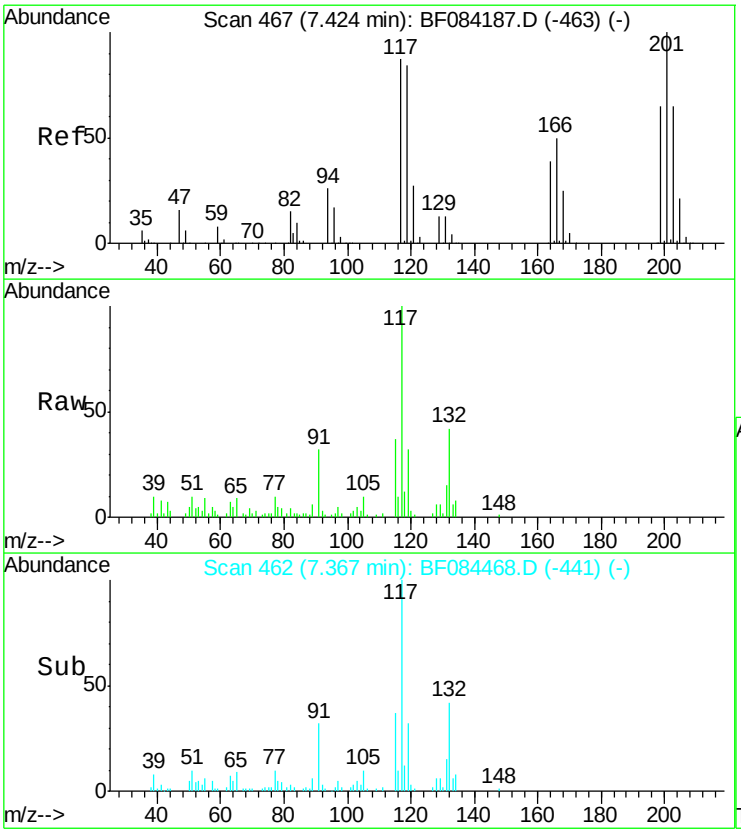
#7
Phenol-d6
Concen: 31.42 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.07 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 656886

Ion	Ratio	Lower	Upper
99	100		
42	19.7	12.8	19.2#
71	35.0	30.9	46.3

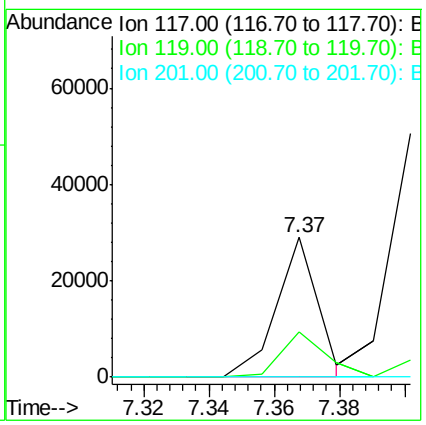


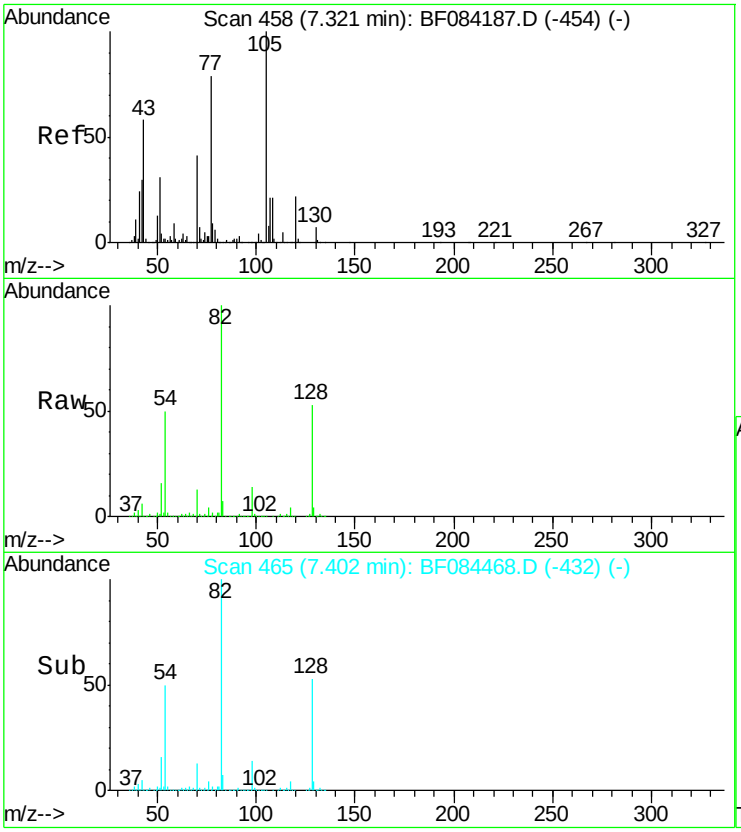


#18
Hexachloroethane
Concen: 3.27 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:117 Resp: 25522

Ion	Ratio	Lower	Upper
117	100		
119	32.1	77.4	116.0#
201	0.0	68.6	103.0#



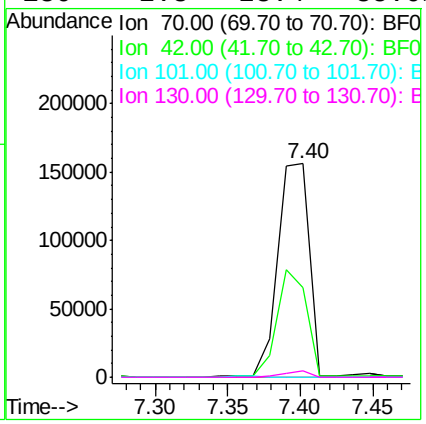


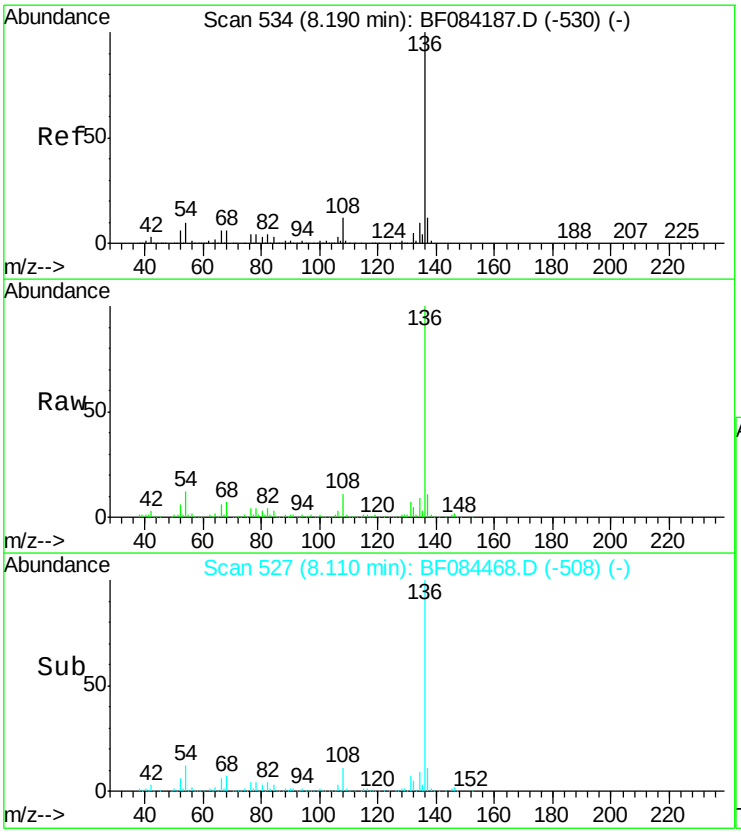
#19
n-Nitroso-di-n-propylamine
Concen: 16.67 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.08 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 70 Resp: 235856

Ion	Ratio	Lower	Upper
70	100		
42	41.9	33.3	49.9
101	0.2	9.3	13.9#
130	2.8	23.4	35.0#

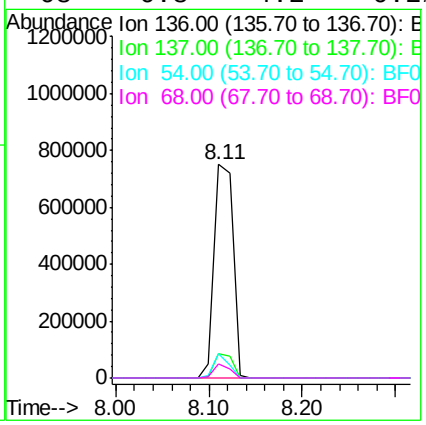


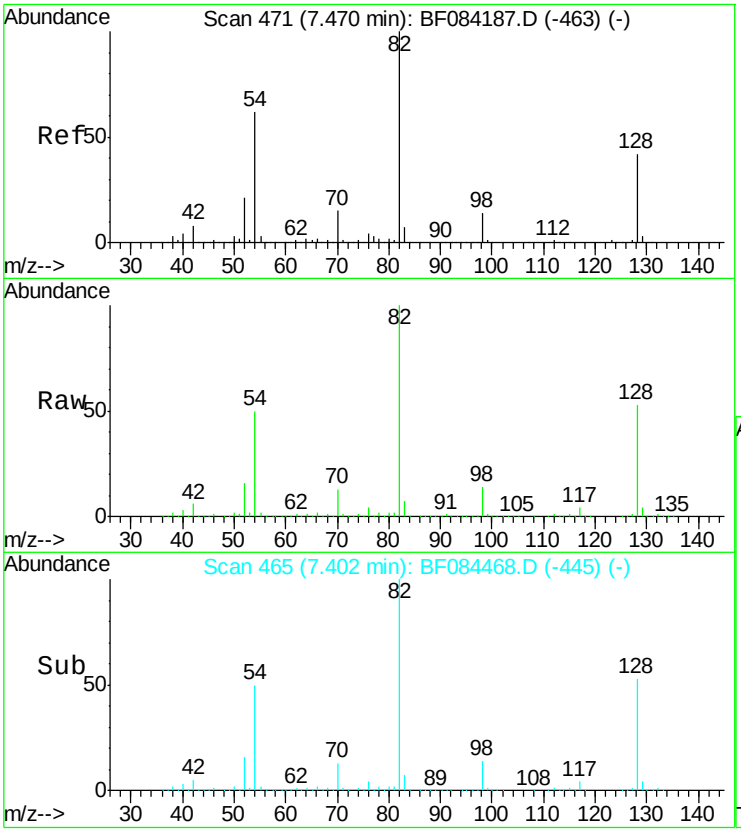


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.08 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:136 Resp: 1054383

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.6	5.8	8.8#
68	6.8	4.2	6.2#



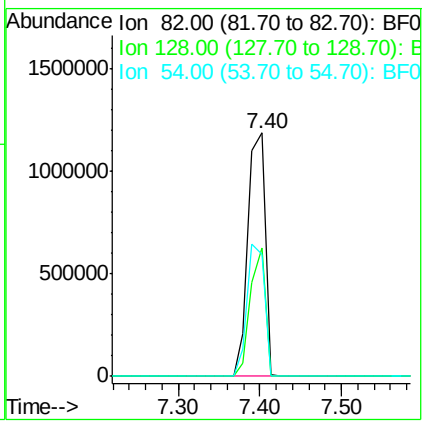


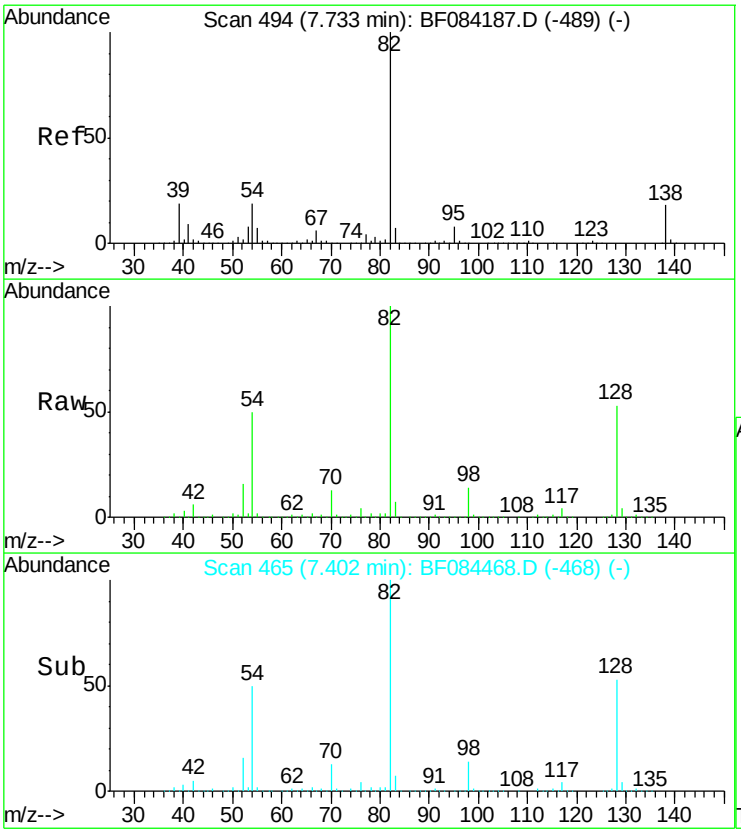
#23
Nitrobenzene-d5
Concen: 91.27 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 1729027

Ion	Ratio	Lower	Upper
82	100		
128	52.9	34.6	51.8#
54	49.9	38.4	57.6

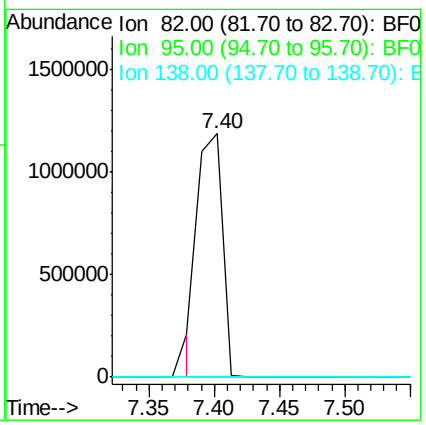


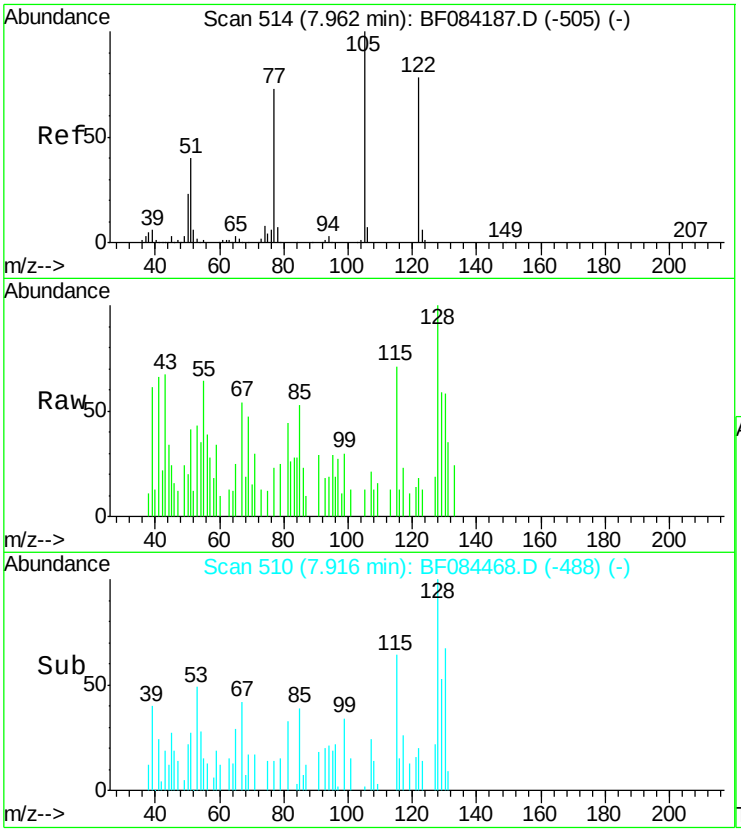


#25
Isophorone
Concen: 43.53 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.33 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion: 82 Resp: 1577275

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.6	10.0#
138	0.0	13.6	20.4#



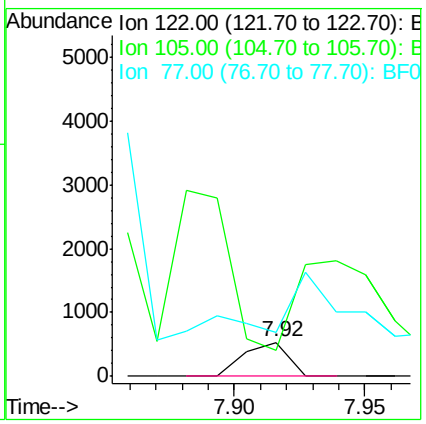


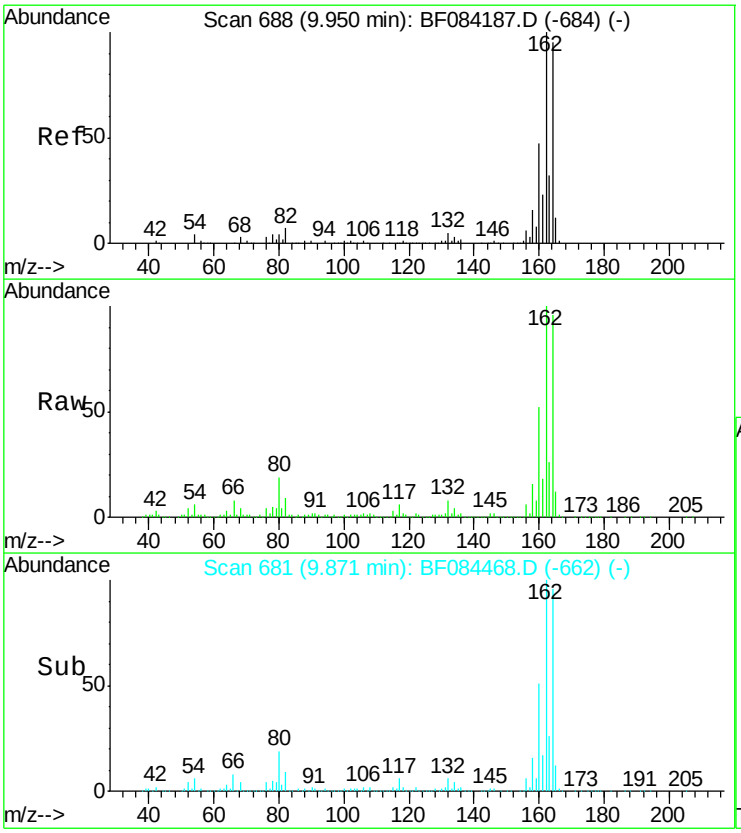
#32
Benzoic acid
Concen: 6.30 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.04 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:122 Resp: 635

Ion	Ratio	Lower	Upper
122	100		
105	75.9	100.3	140.3#
77	129.9	63.5	103.5#

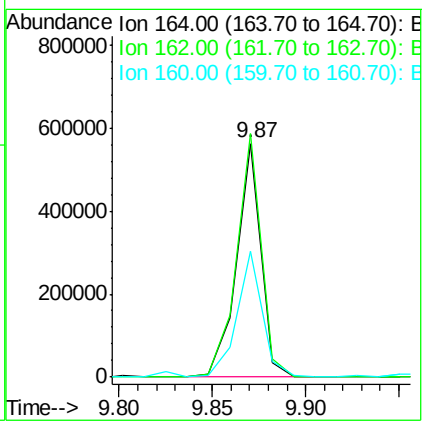


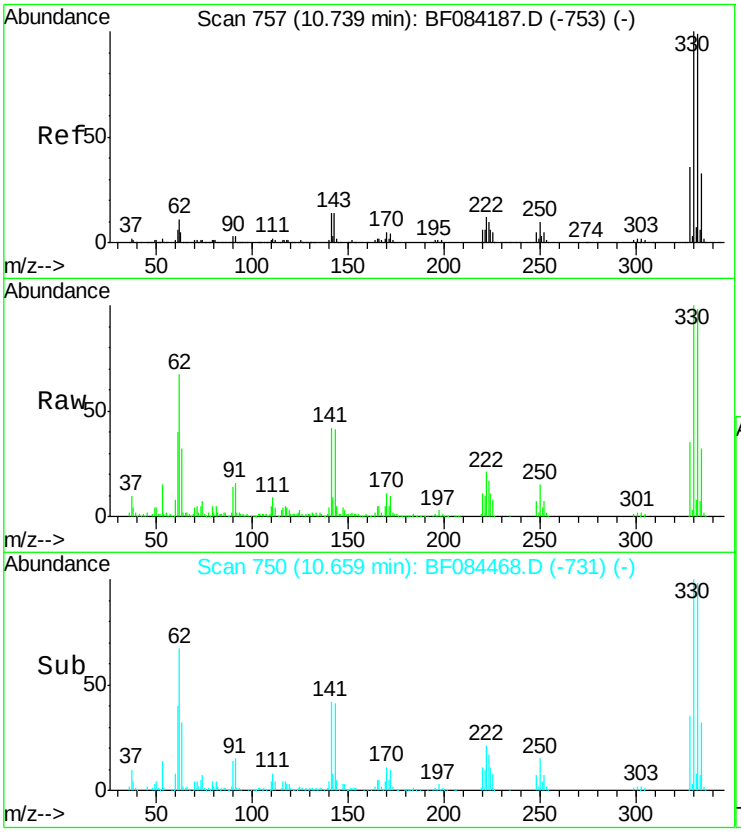


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.08 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:164 Resp: 512828

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	53.8	37.5	56.3



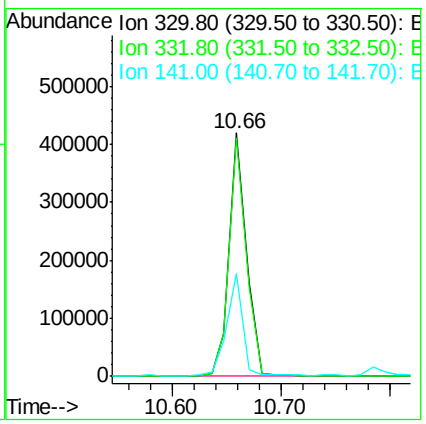


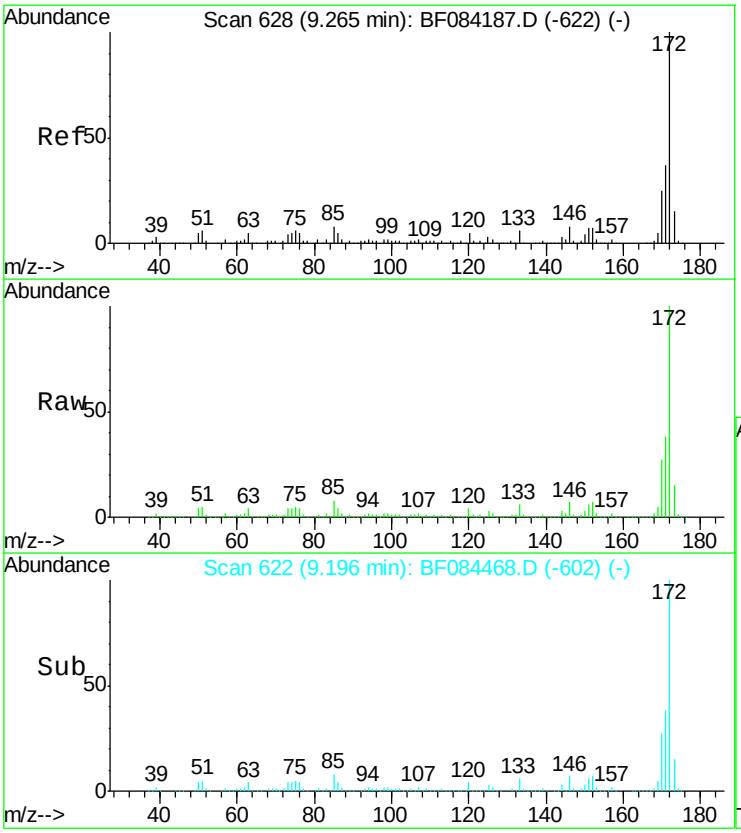
#41
2,4,6-Tribromophenol
Concen: 89.42 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.08 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 462956

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	38.2	27.8	41.6

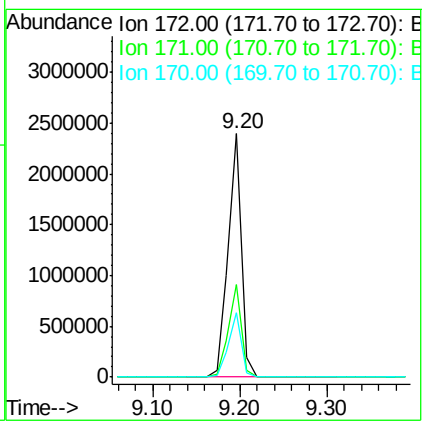


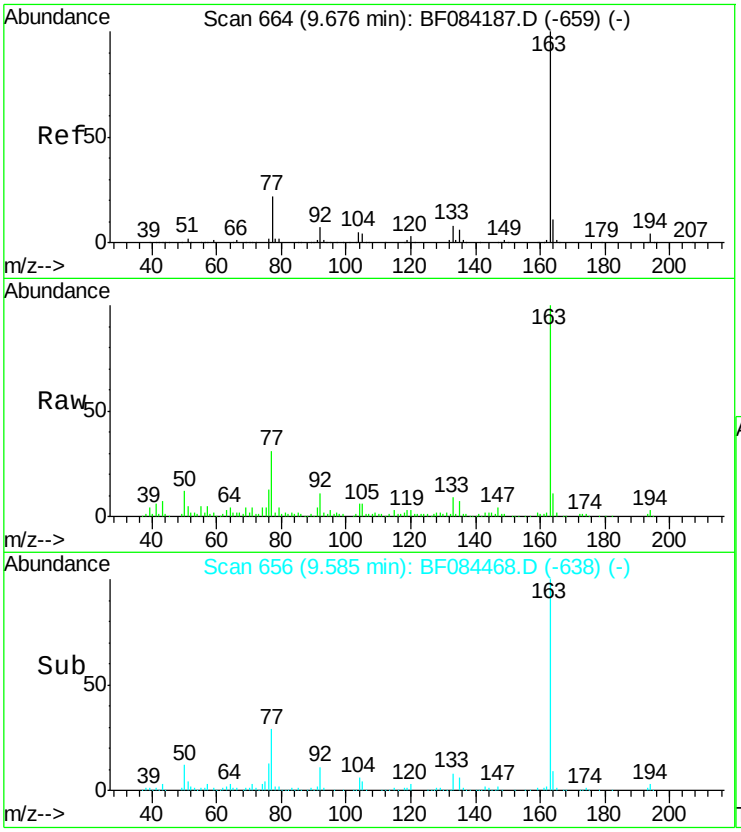


#44
2-Fluorobiphenyl
Concen: 86.71 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.07 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:172 Resp: 2524167

Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.9	43.3
170	26.5	18.6	27.8



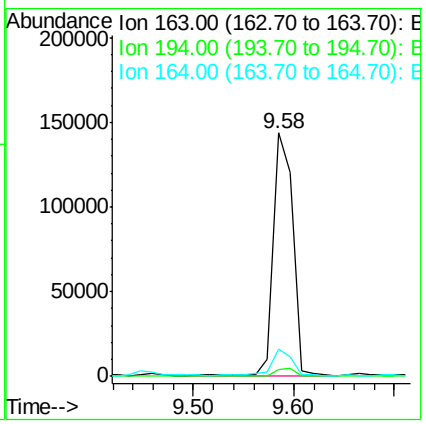


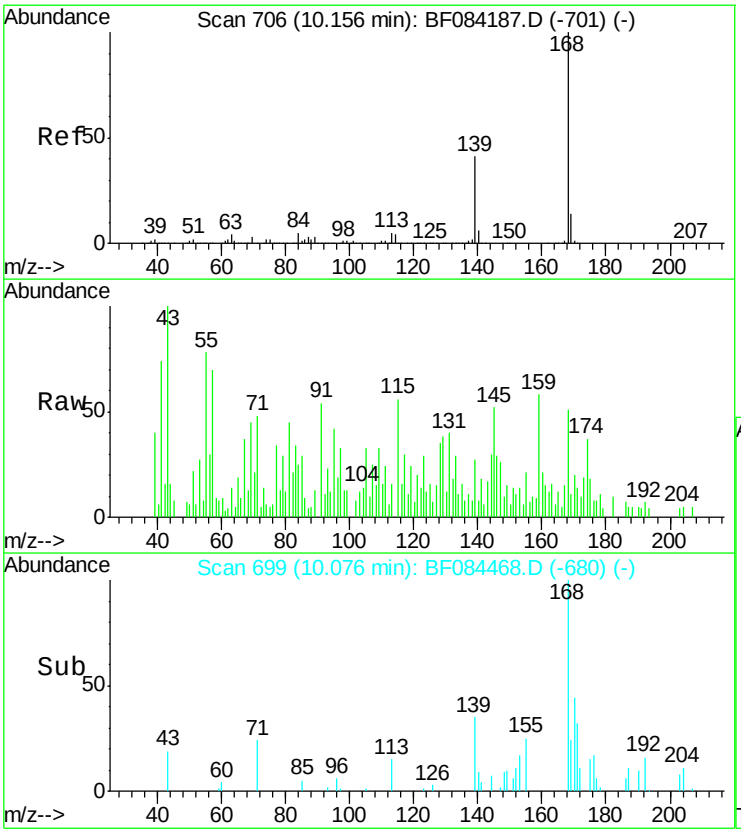
#49
Dimethylphthalate
Concen: 5.24 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.09 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:163 Resp: 192101

Ion	Ratio	Lower	Upper
163	100		
194	2.7	8.0	12.0#
164	11.1	8.0	12.0

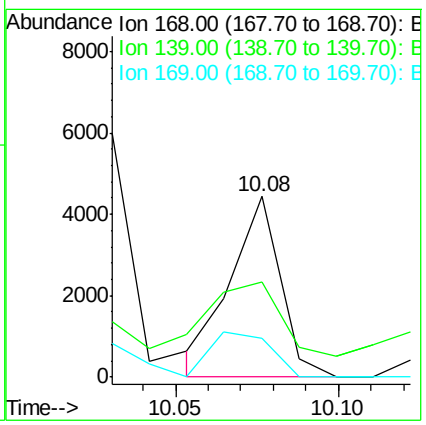


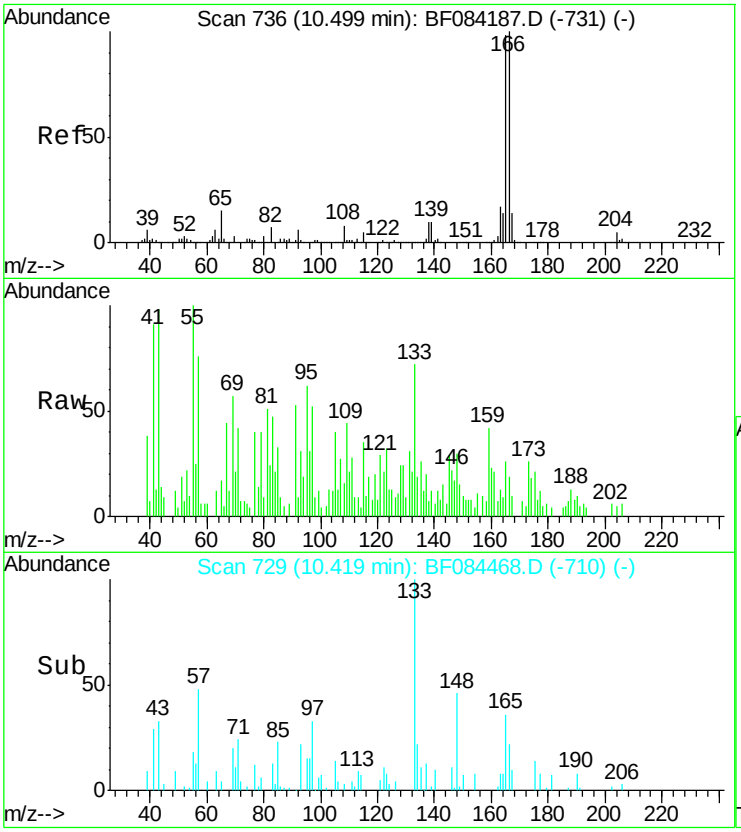


#54
Dibenzofuran
Concen: Below Cal
RT: 10.08 min Scan# 699
Delta R.T. -0.08 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:168 Resp: 4680

Ion	Ratio	Lower	Upper
168	100		
139	52.5	30.5	45.7#
169	21.2	10.4	15.6#



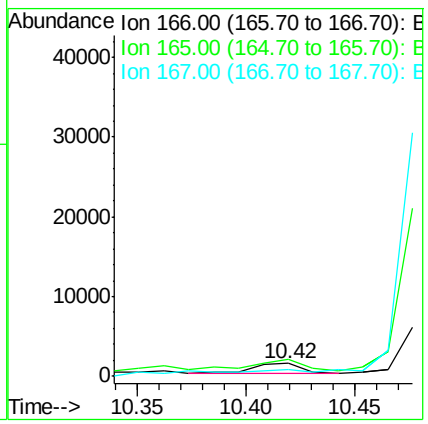


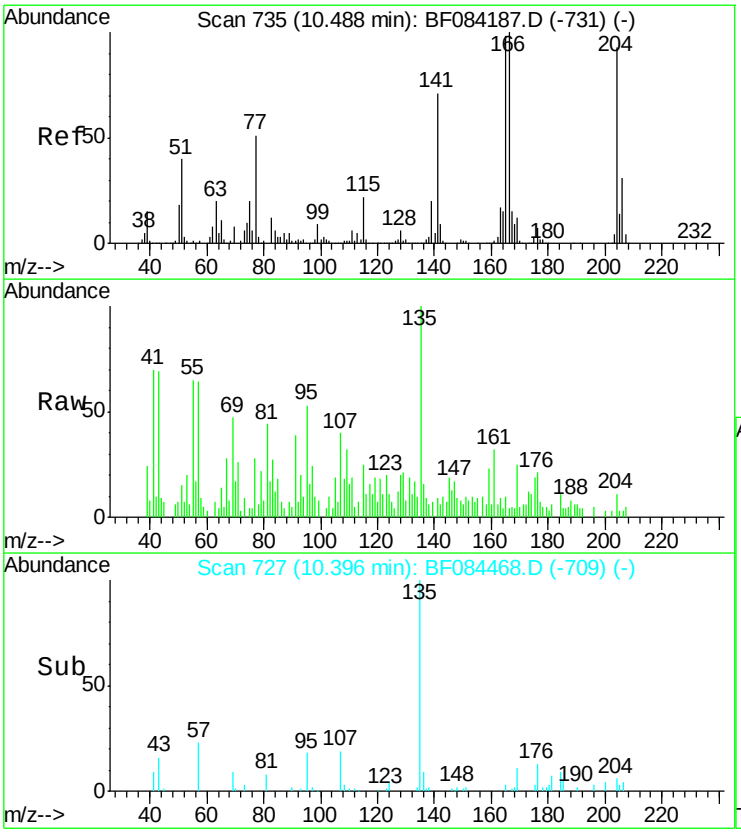
#57
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 729
Delta R.T. -0.08 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:166 Resp: 1952

Ion	Ratio	Lower	Upper
166	100		
165	137.3	79.1	118.7#
167	52.4	10.4	15.6#

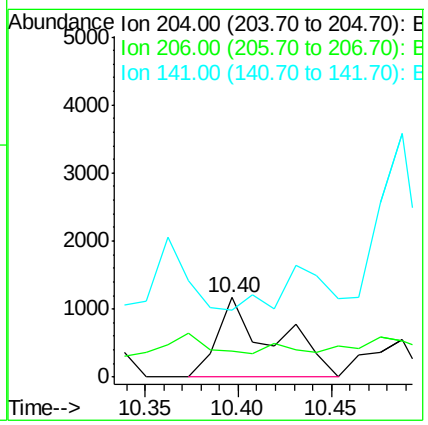


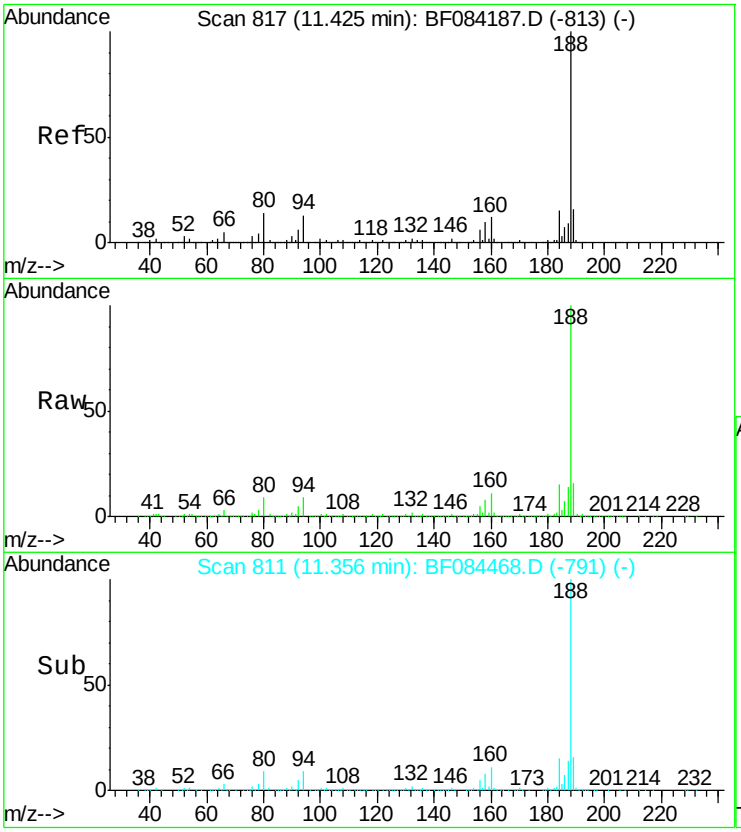


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.40 min Scan# 727
Delta R.T. -0.09 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:204 Resp: 2478

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.7	38.5
141	84.1	55.1	82.7#



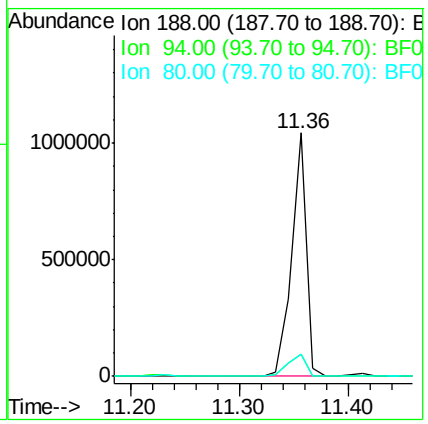


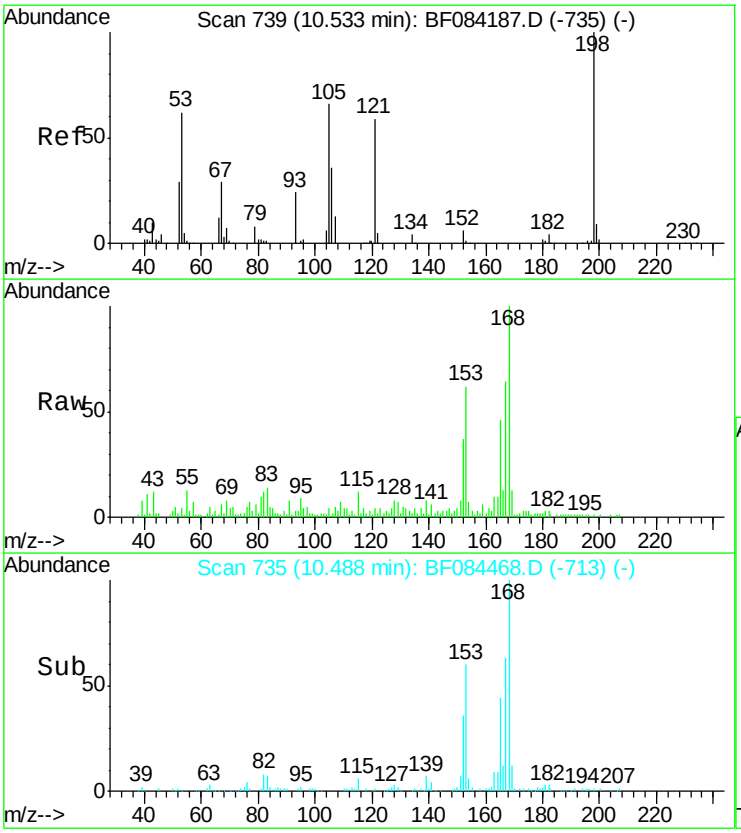
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.07 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 980229

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

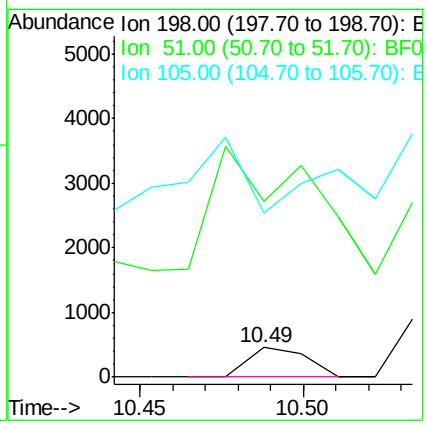


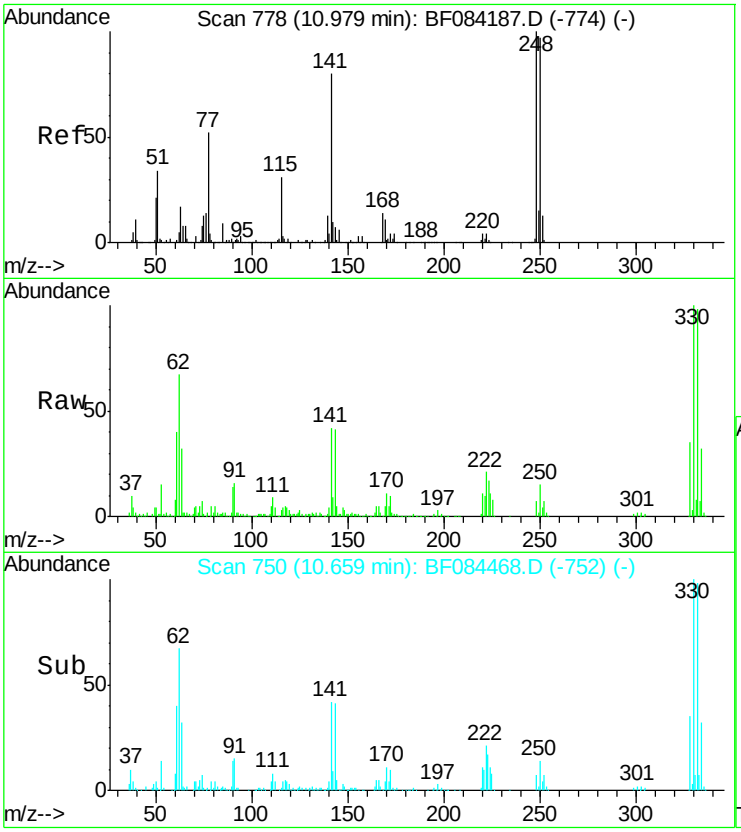


#64
4,6-Dinitro-2-methylphenol
Concen: 6.50 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:198 Resp: 567

Ion	Ratio	Lower	Upper
198	100		
51	591.1	18.9	58.9#
105	551.6	26.4	66.4#



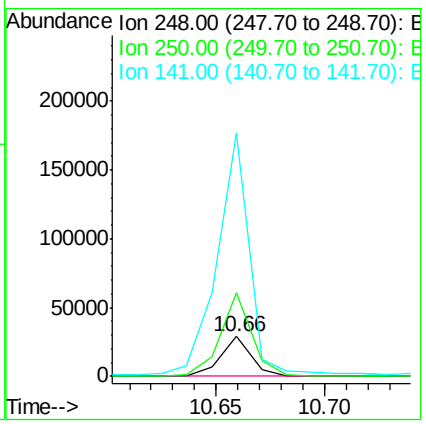


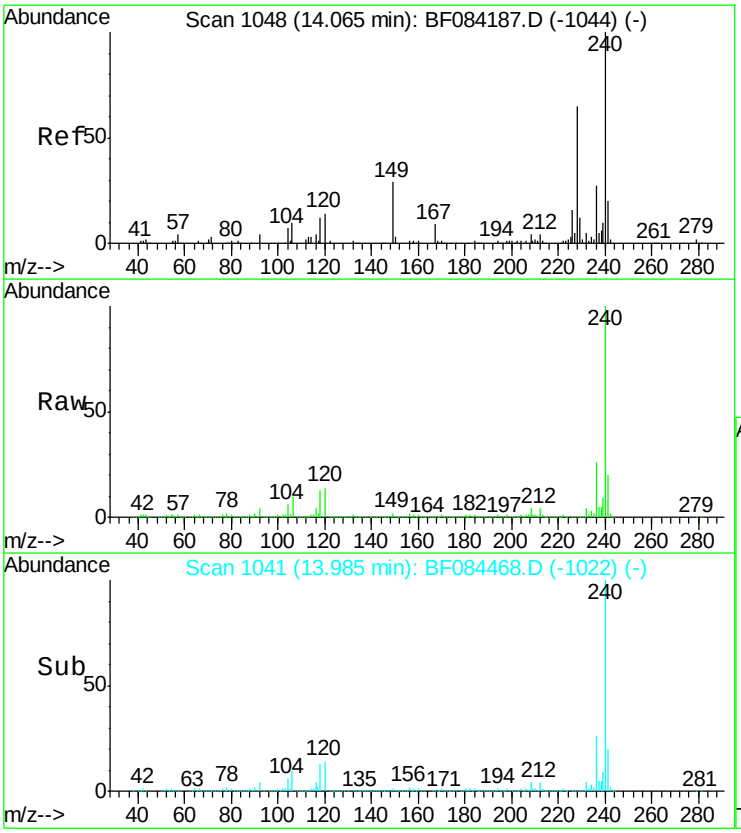
#66
4-Bromophenyl-phenylether
Concen: 2.73 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.32 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:248 Resp: 28822

Ion	Ratio	Lower	Upper
248	100		
250	209.6	78.4	117.6#
141	608.0	44.0	66.0#

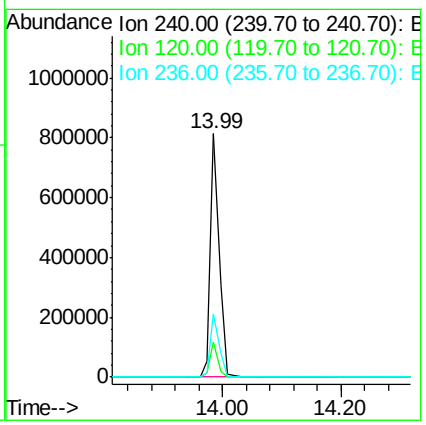


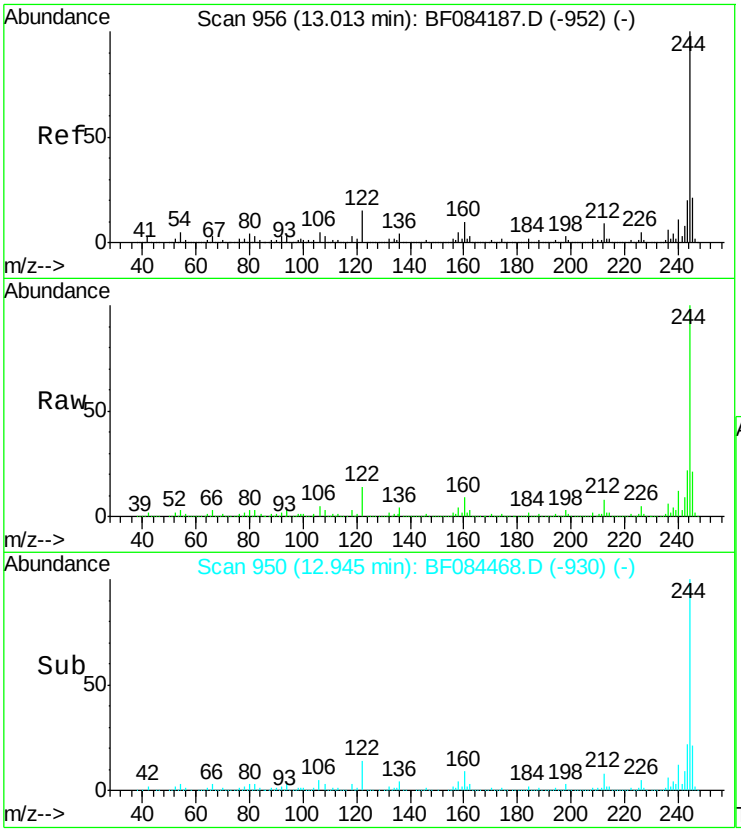


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.08 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:240 Resp: 823165

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.0	20.6	31.0



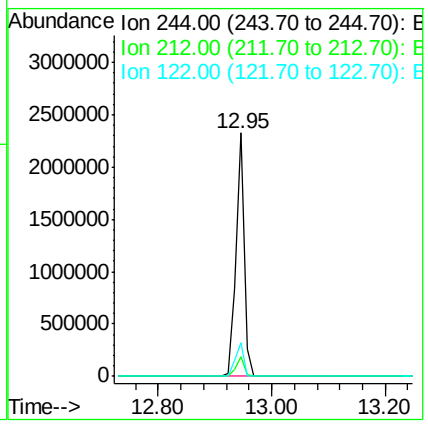


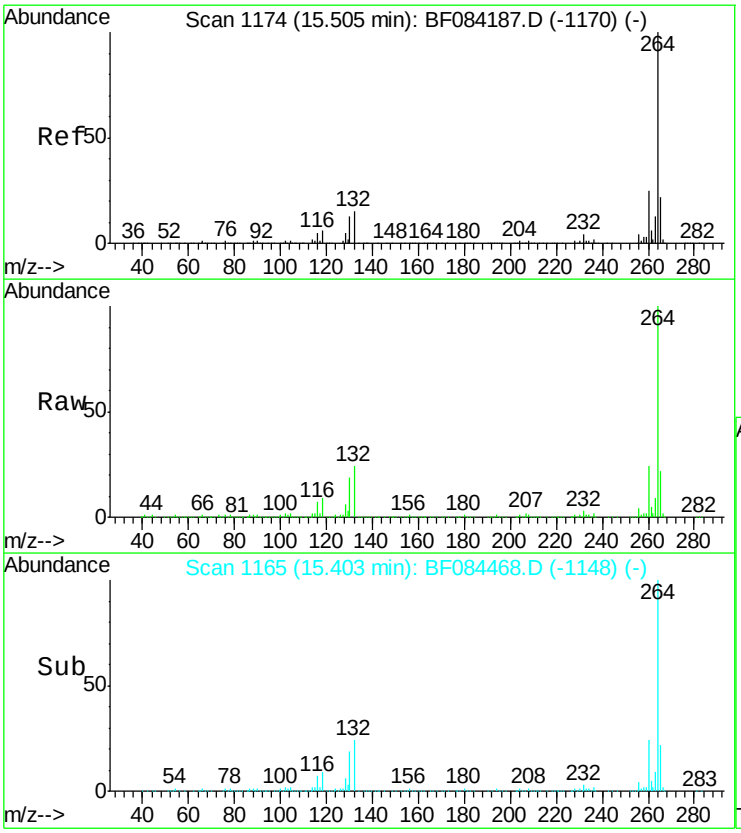
#78
Terphenyl-d14
Concen: 64.99 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.07 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 2396724

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	13.8	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.10 min
Lab File: BF084468.D
Acq: 14 Jan 2016 4:34

Tgt Ion:264 Resp: 627813

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.6	17.8	26.6