Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084461.D
Acq On : 14 Jan 2016 00:23
Operator : SJ/UM
Sample : H1083-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-17-010516

Quant Time: Jan 14 11:15:42 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	268403	20.00	ng		-0.07
21) Naphthalene-d8	8.12	136	1105709	20.00	ng		-0.07
38) Acenaphthene-d10	9.87	164	524920	20.00	ng		-0.08
63) Phenanthrene-d10	11.36	188	992914	20.00	ng		-0.07
75) Chrysene-d12	13.99	240	851710	20.00	ng		-0.08
86) Perylene-d12	15.40	264	620449	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2154376	129.83	ng		-0.03
7) Phenol-d6	6.48	99	2351595	112.84	ng		-0.06
23) Nitrobenzene-d5	7.40	82	1878830	94.57	ng		-0.07
41) 2,4,6-Tribromophenol	10.66	330	709199	133.82	ng		-0.08
44) 2-Fluorobiphenyl	9.20	172	2605798	87.52	ng		-0.07
78) Terphenyl-d14	12.95	244	2650452	69.46	ng		-0.07
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	267200	18.94	ng	#	75
31) Naphthalene	8.13	128	1067391	21.28	ng		99
32) Benzoic acid	7.86	122	2387	6.42	ng		83
33) 4-Chloroaniline	8.13	127	141110	6.14	ng	#	30
37) 2-Methylnaphthalene	8.83	142	81290	2.26	ng		96
50) 2,6-Dinitrotoluene	9.87	165	68408	8.31	ng	#	37
54) Dibenzofuran	10.08	168	28655	Below Cal			96
56) 2,4-Dinitrotoluene	9.87	165	68696	6.59	ng	#	21
57) Fluorene	10.42	166	26152	Below Cal			94
64) 4,6-Dinitro-2-methylphenol	10.66	198	1346	6.59	ng	#	1
66) 4-Bromophenyl-phenylether	10.66	248	43131	4.04	ng	#	1
73) Di-n-butylphthalate	11.92	149	9584	Below Cal		#	96

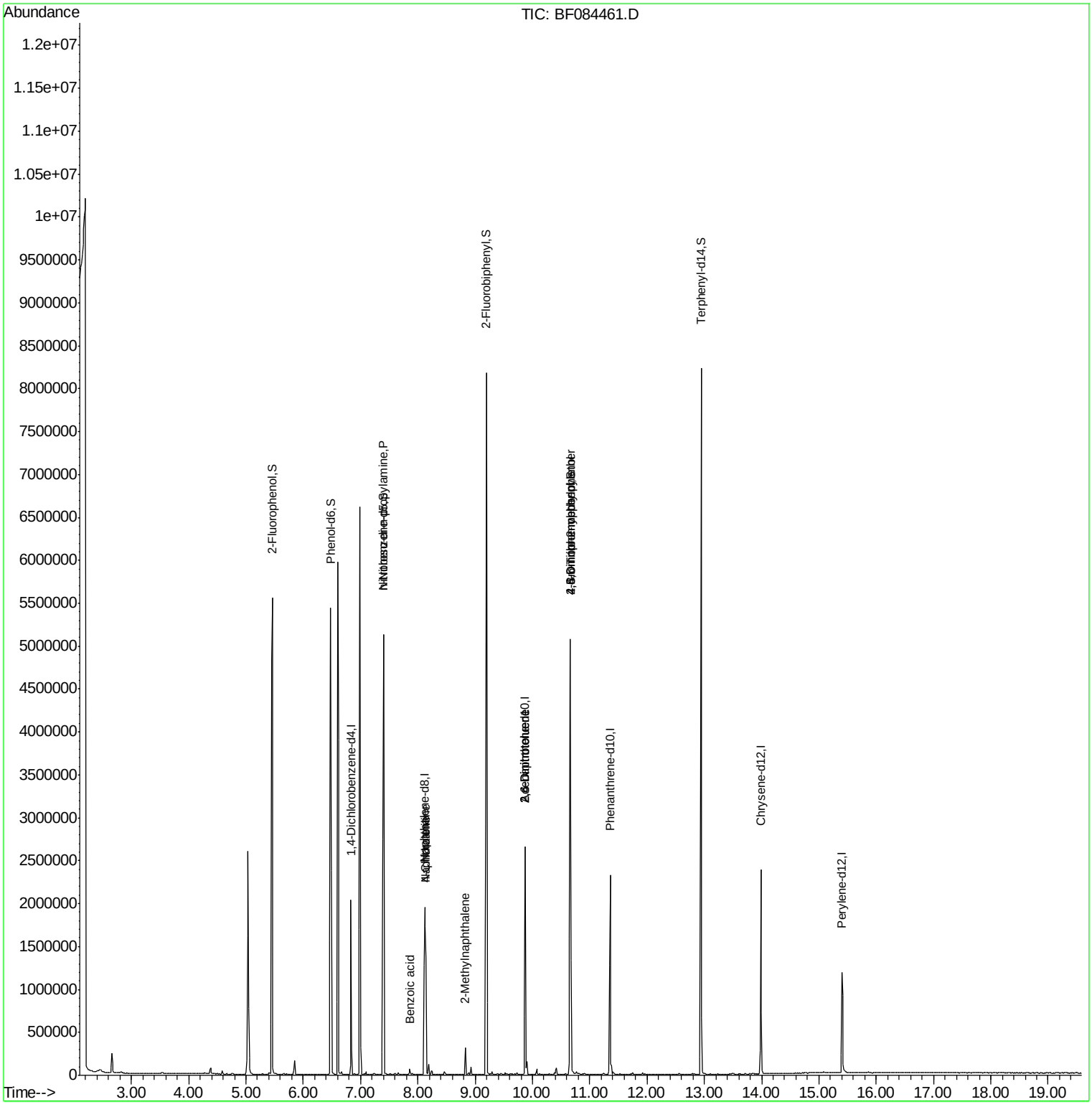
(#) = qualifier out of range (m) = manual integration (+) = signals summed

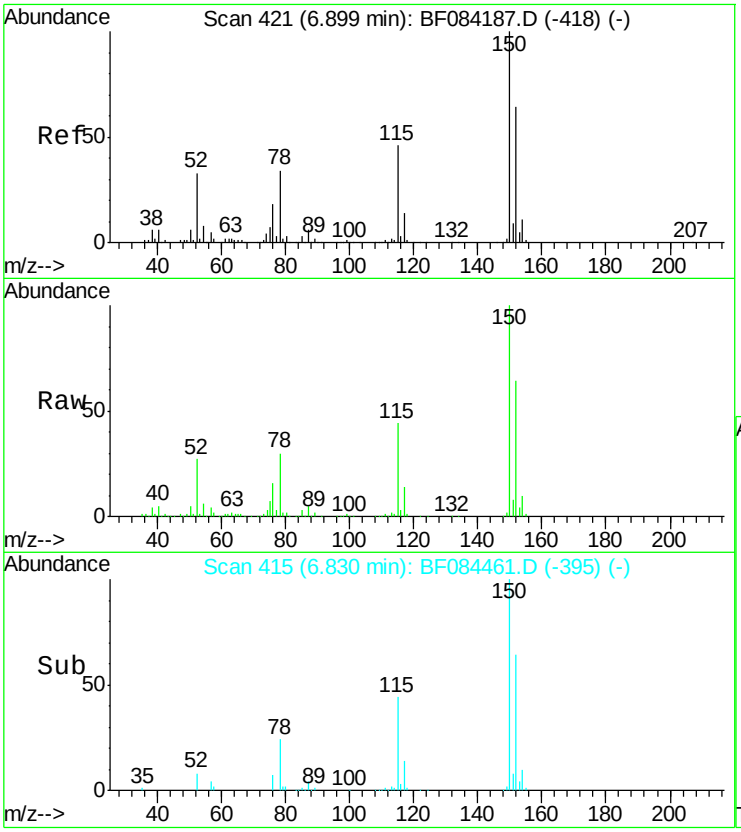
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084461.D
Acq On : 14 Jan 2016 00:23
Operator : SJ/UM
Sample : H1083-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Quant Time: Jan 14 11:15:42 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



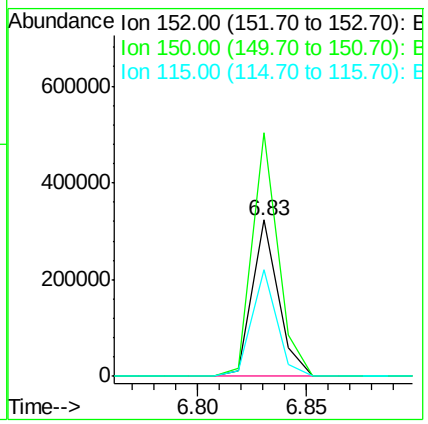


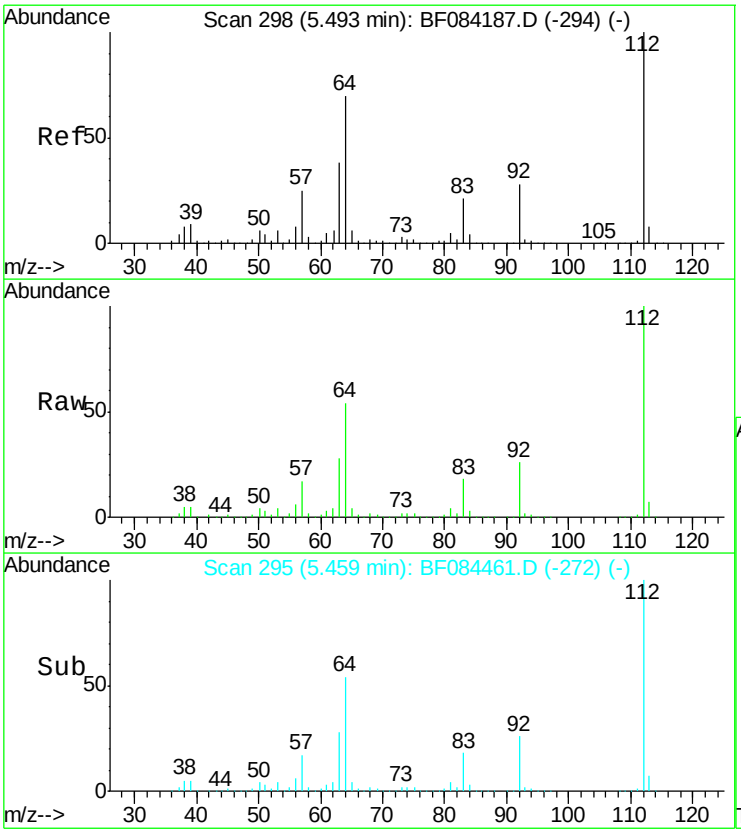
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.07 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tgt Ion:152 Resp: 268403

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.0	184.4
115	68.4	51.4	77.2

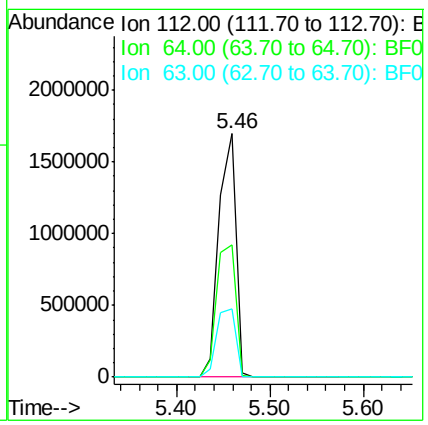


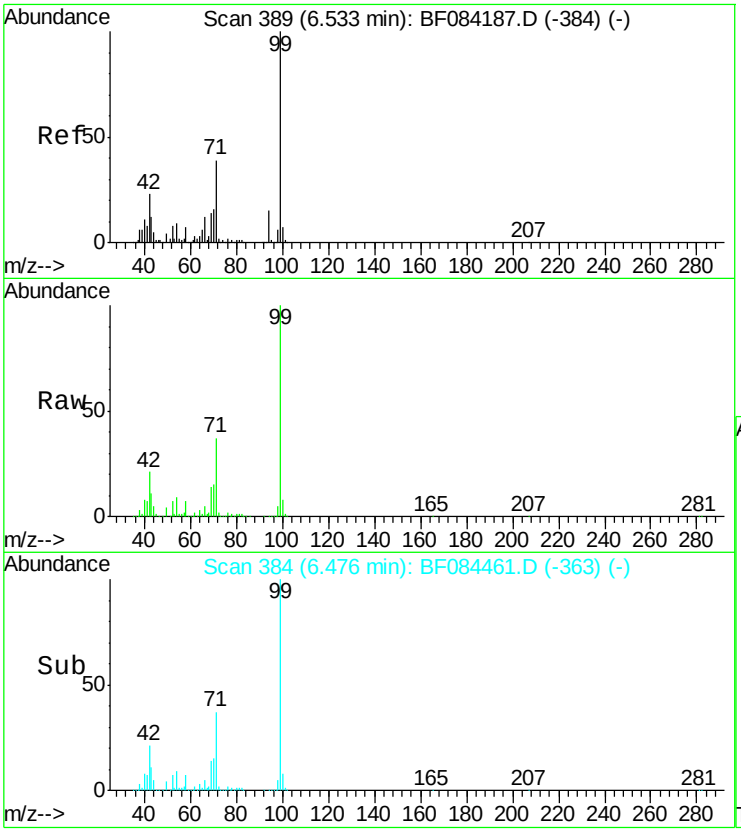


#5
2-Fluorophenol
Concen: 129.83 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.03 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion:112 Resp: 2154376

Ion	Ratio	Lower	Upper
112	100		
64	54.1	36.6	55.0
63	28.1	19.4	29.0



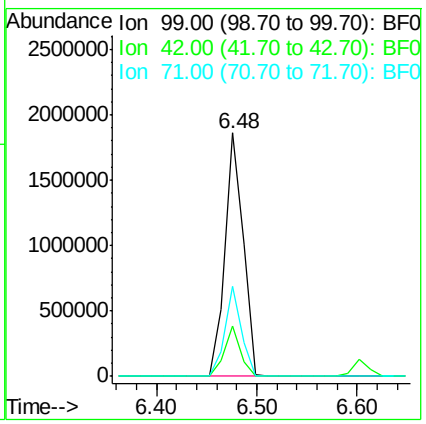


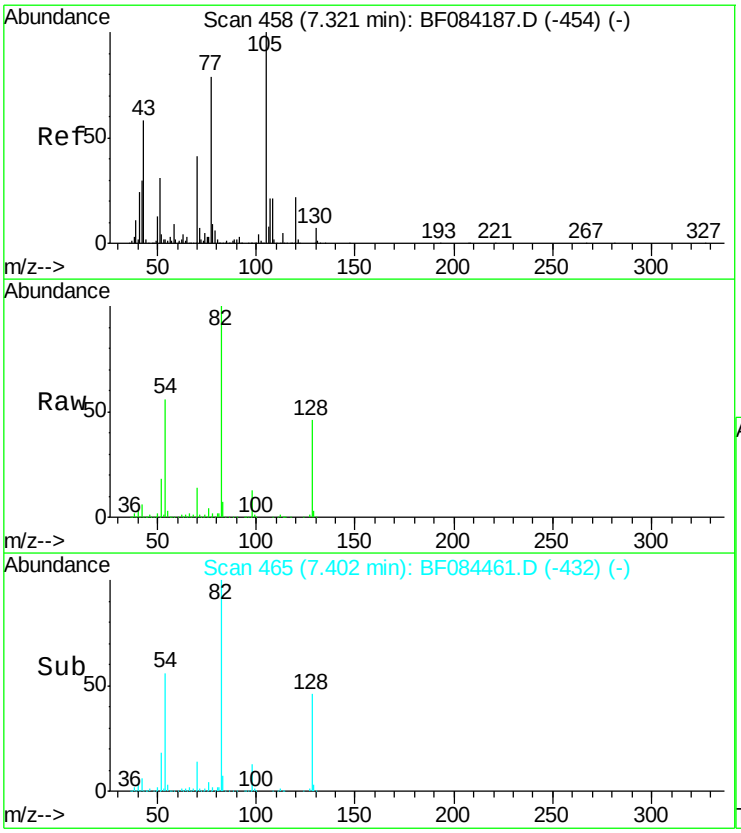
#7
Phenol-d6
Concen: 112.84 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.06 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tgt Ion: 99 Resp: 2351595

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	36.8	30.9	46.3

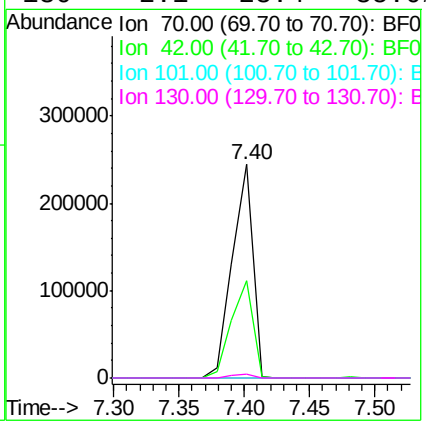


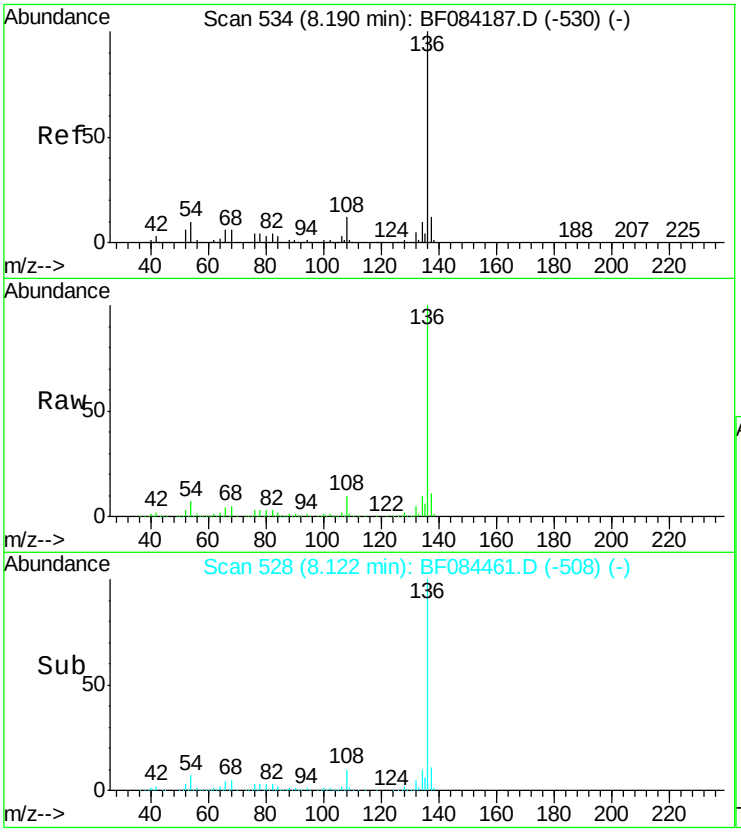


#19
n-Nitroso-di-n-propylamine
Concen: 18.94 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.08 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion: 70 Resp: 267200

Ion	Ratio	Lower	Upper
70	100		
42	45.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



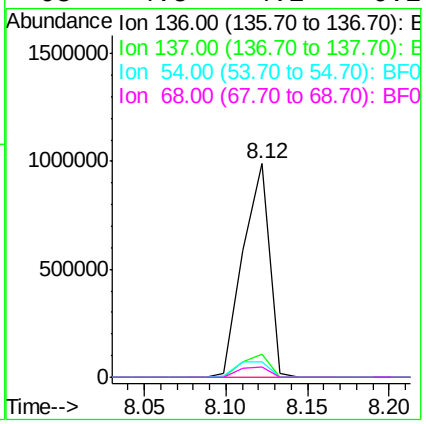


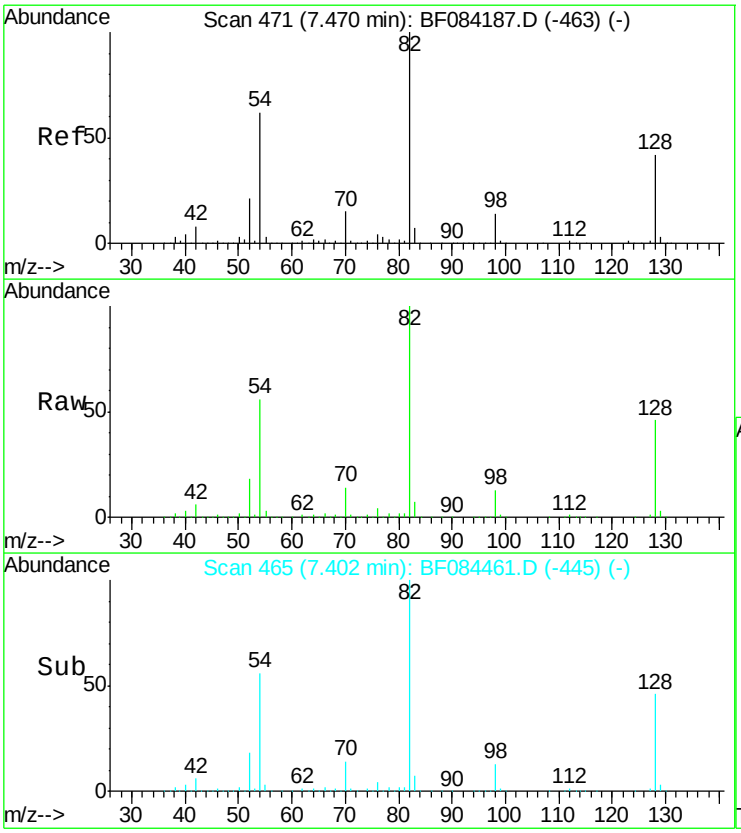
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tgt Ion:136 Resp: 1105709

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.0	5.8	8.8
68	4.5	4.2	6.2

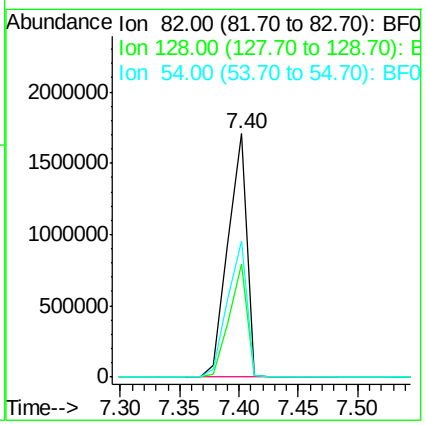


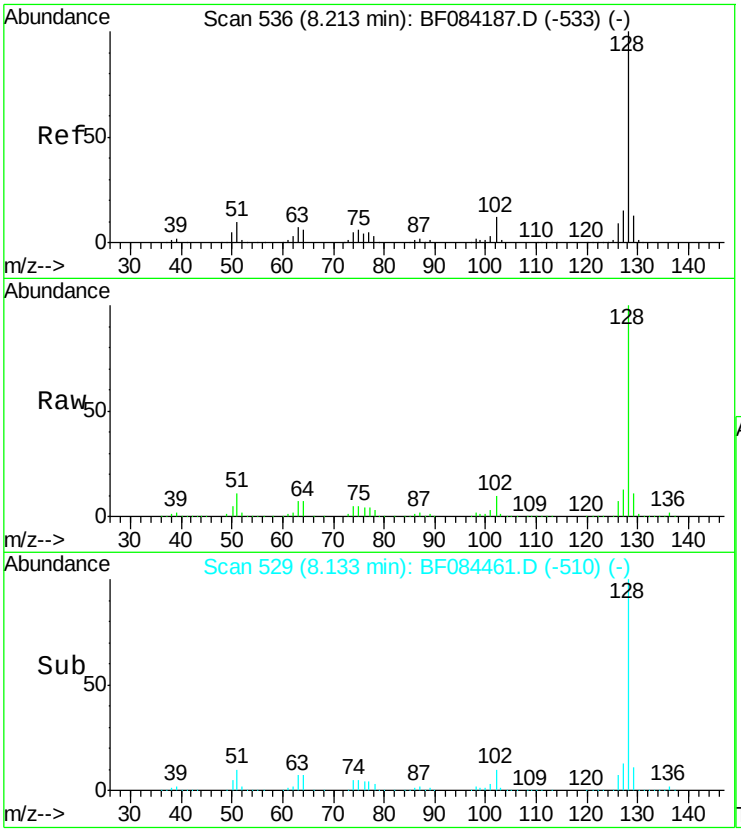


#23
Nitrobenzene-d5
Concen: 94.57 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion: 82 Resp: 1878830

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.6	51.8
54	55.7	38.4	57.6



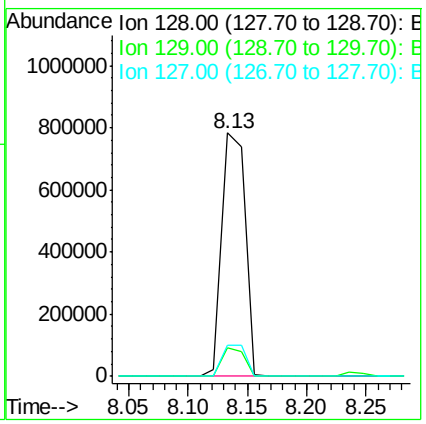


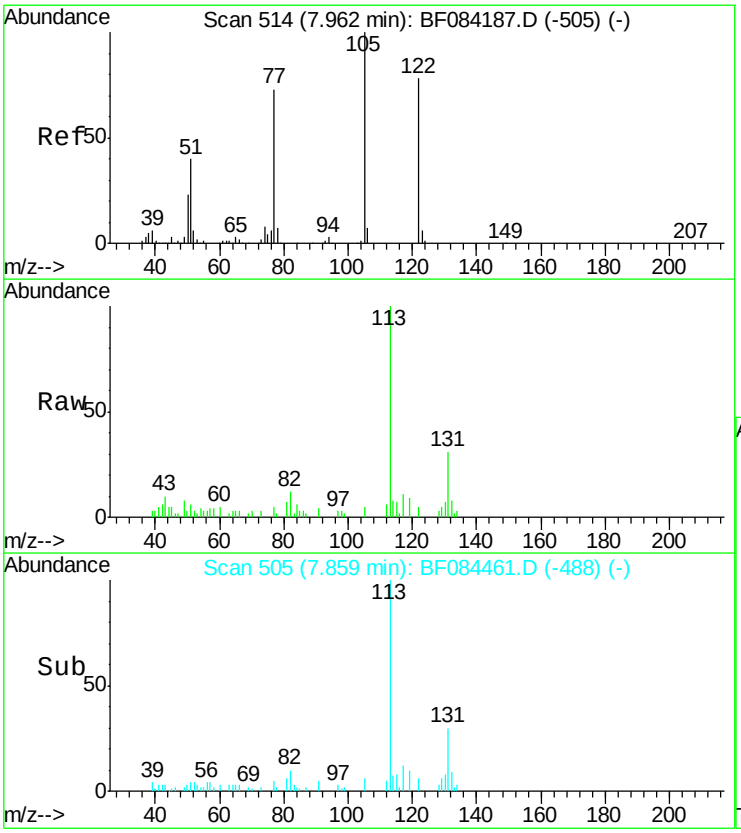
#31
Naphthalene
Concen: 21.28 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.08 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tgt Ion:128 Resp: 1067391

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.0	11.1	16.7

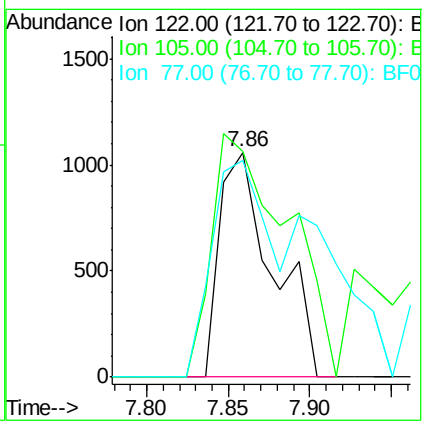


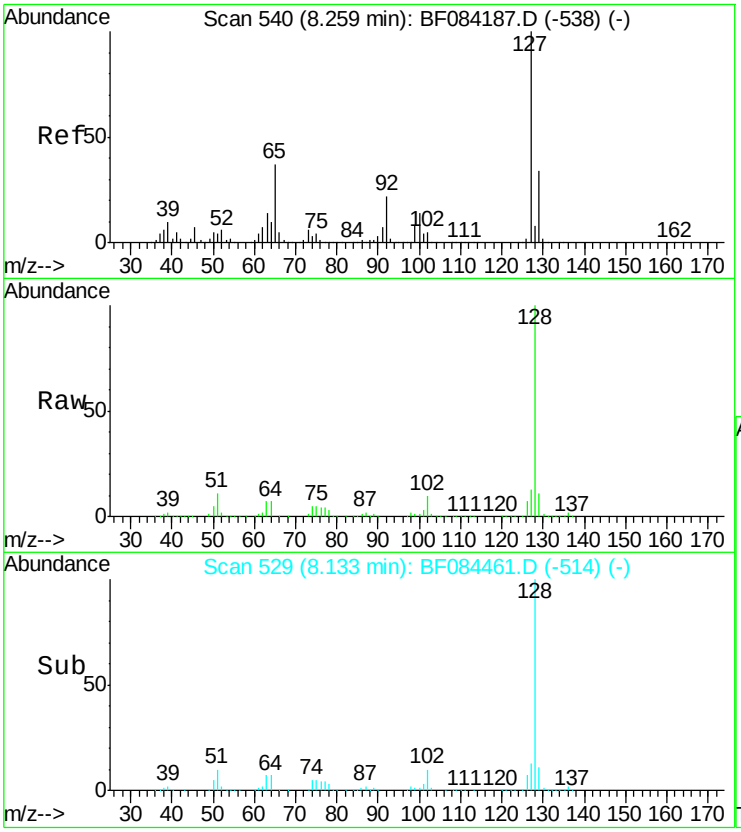


#32
Benzoic acid
Concen: 6.42 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.10 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion:122 Resp: 2387

Ion	Ratio	Lower	Upper
122	100		
105	100.4	100.3	140.3
77	96.6	63.5	103.5



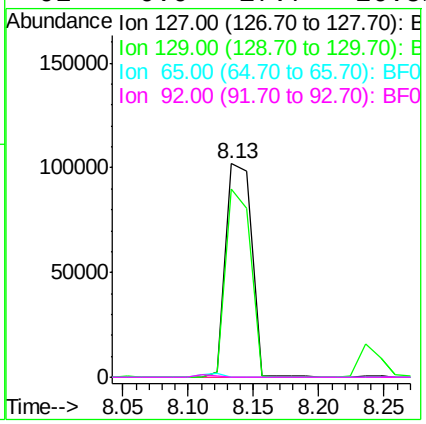


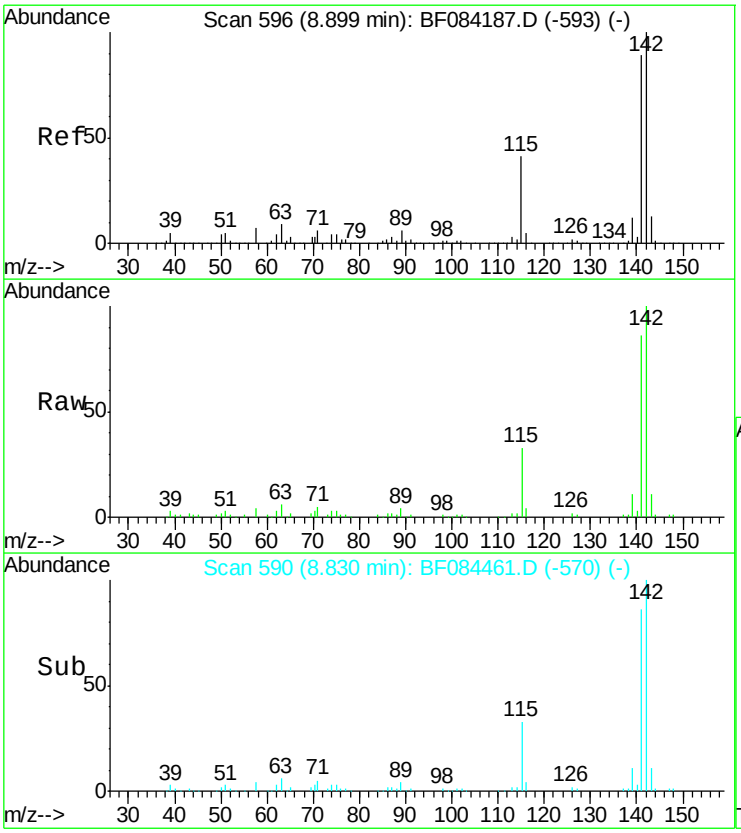
#33
4-Chloroaniline
Concen: 6.14 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.13 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tgt Ion:127 Resp: 141110

Ion	Ratio	Lower	Upper
127	100		
129	88.1	26.5	39.7#
65	0.0	27.2	40.8#
92	0.0	17.7	26.5#

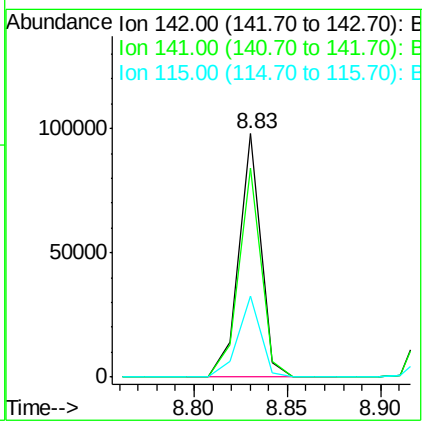


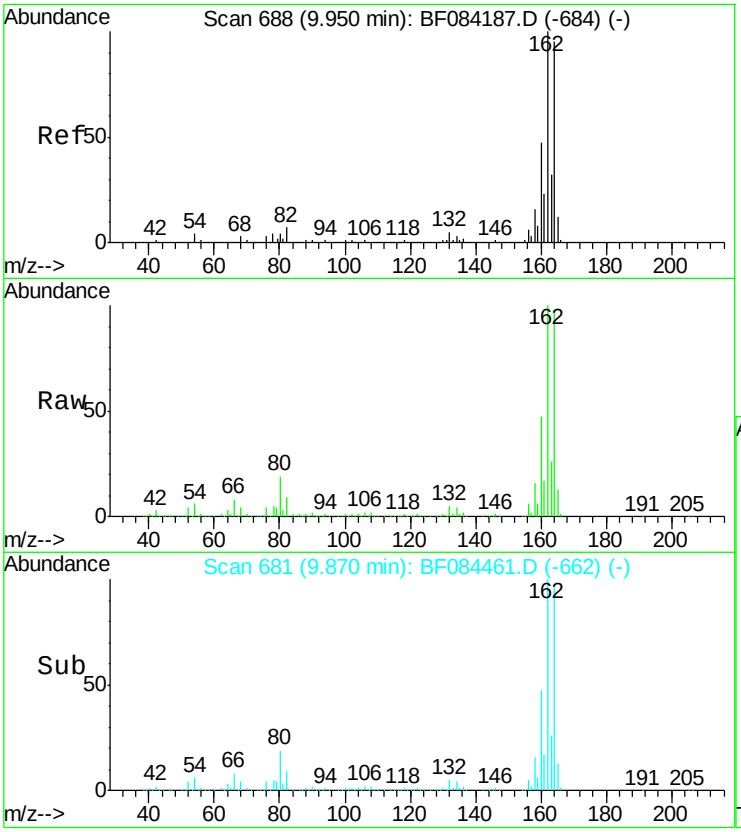


#37
2-Methylnaphthalene
Concen: 2.26 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.07 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion:142 Resp: 81290

Ion	Ratio	Lower	Upper
142	100		
141	86.1	72.4	108.6
115	33.4	27.9	41.9



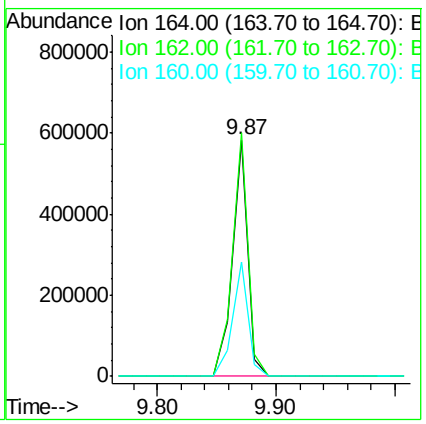


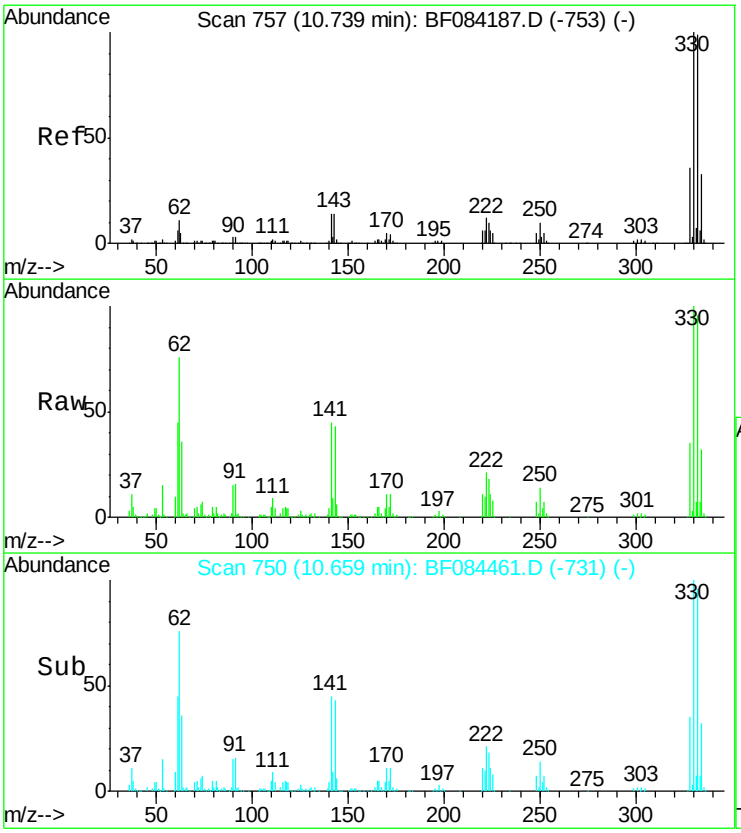
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.08 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tgt Ion:164 Resp: 524920

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	48.3	37.5	56.3

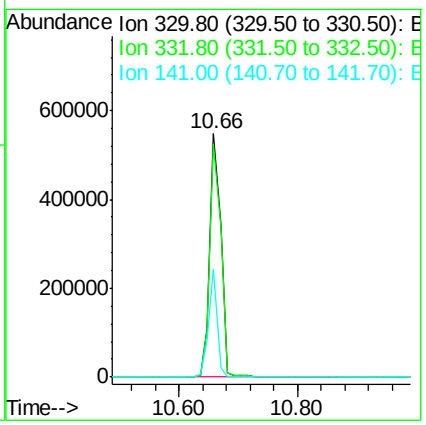


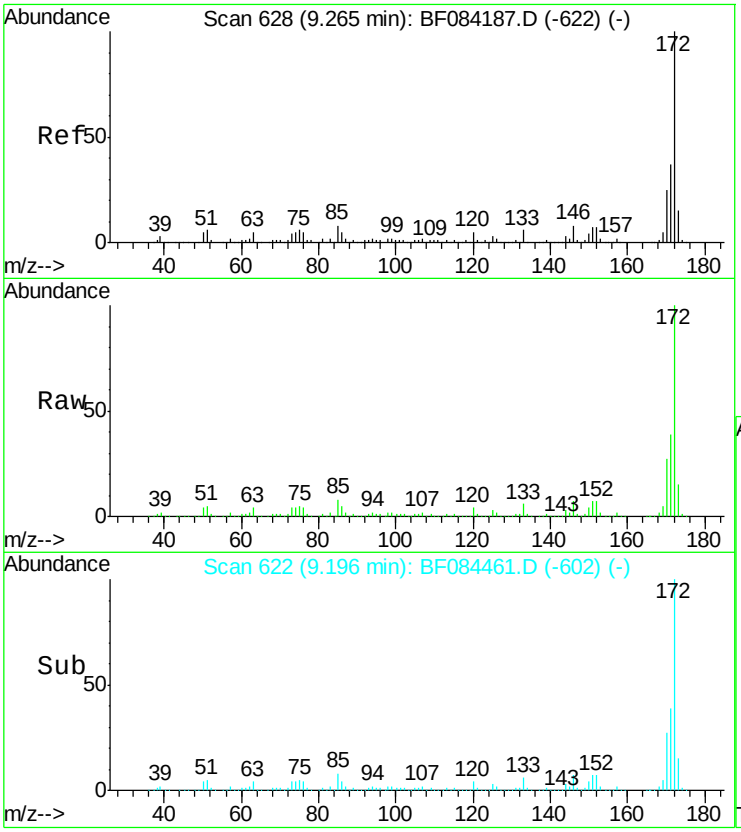


#41
2,4,6-Tribromophenol
Concen: 133.82 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.08 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion:330 Resp: 709199

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	35.1	27.8	41.6



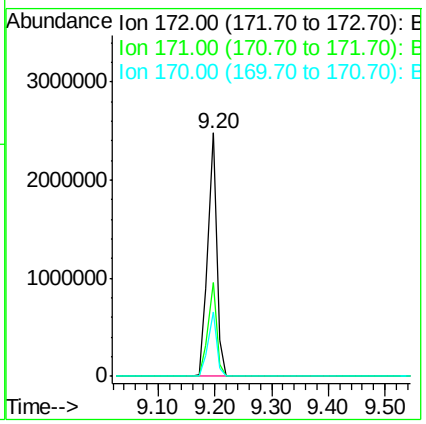


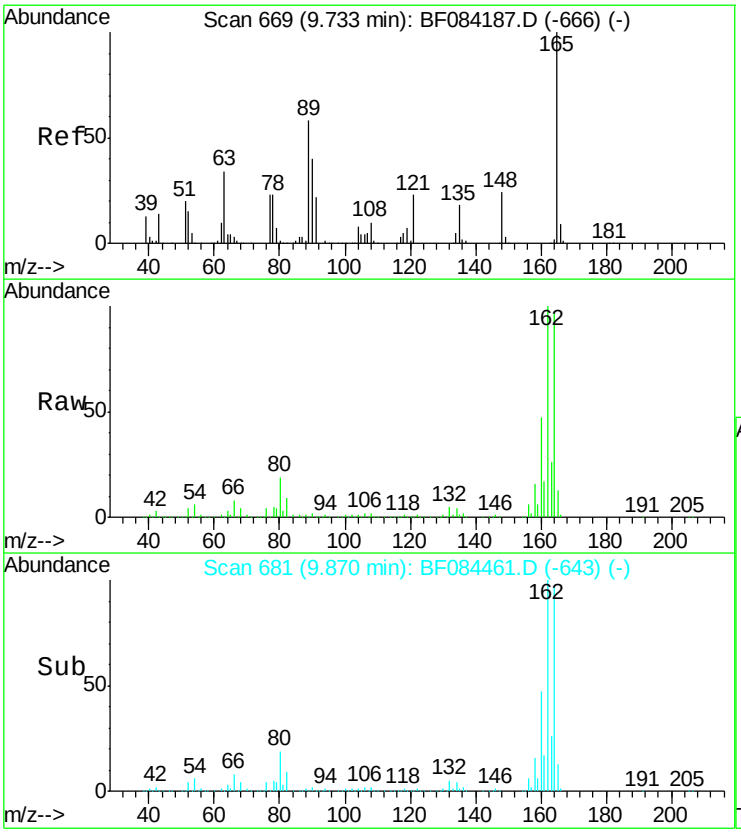
#44
2-Fluorobiphenyl
Concen: 87.52 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.07 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tgt Ion:172 Resp: 2605798

Ion	Ratio	Lower	Upper
172	100		
171	38.7	28.9	43.3
170	26.5	18.6	27.8

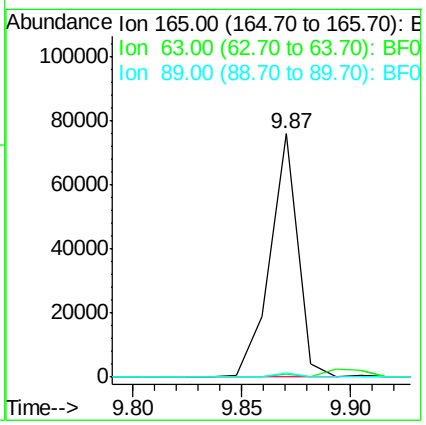


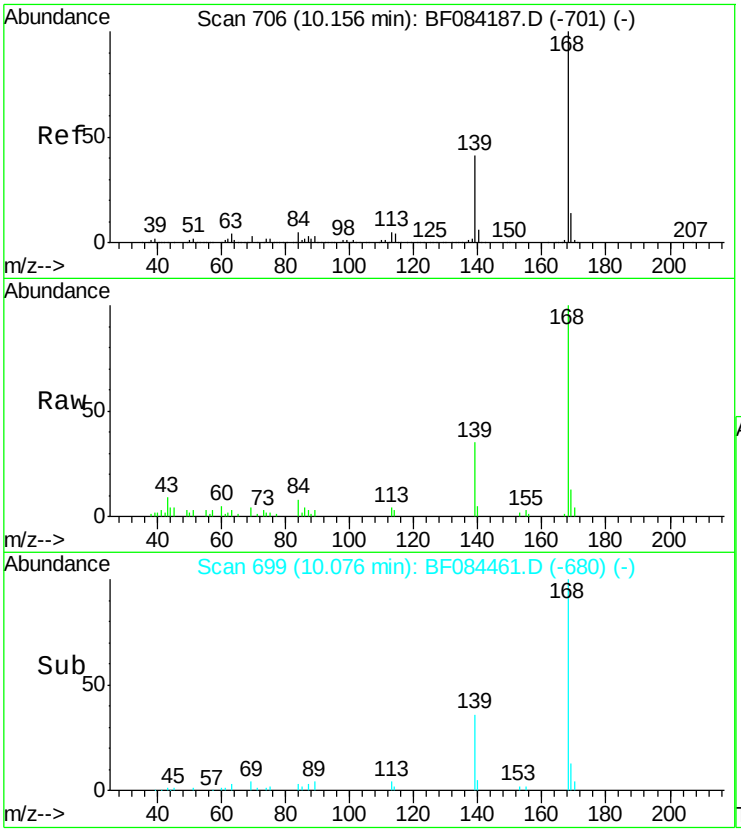


#50
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.14 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion:165 Resp: 68408

Ion	Ratio	Lower	Upper
165	100		
63	1.0	28.8	43.2#
89	1.6	35.1	52.7#



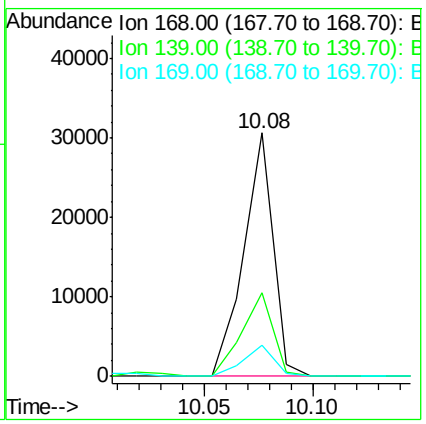


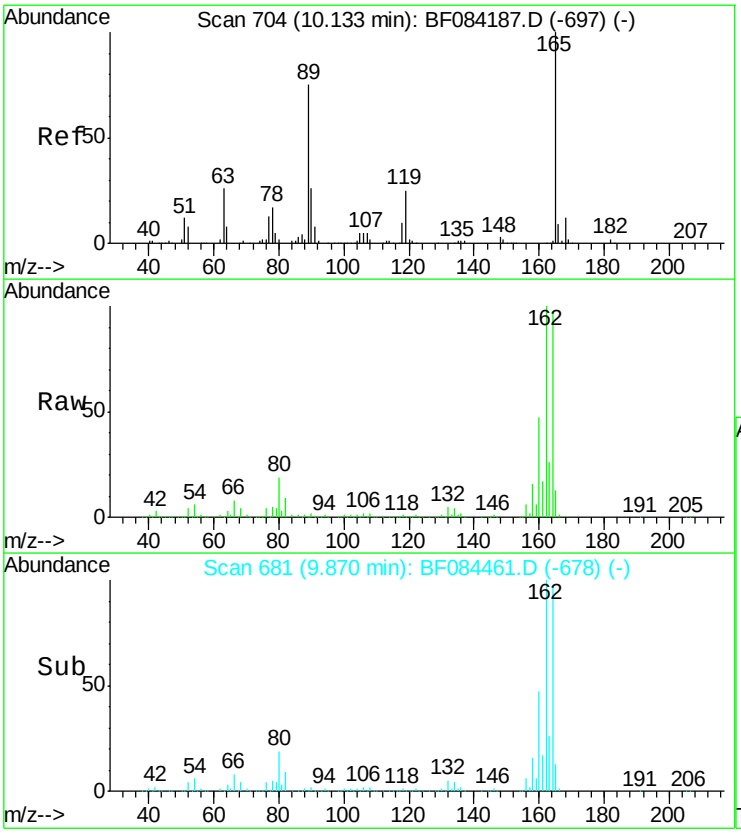
#54
Dibenzofuran
Concen: Below Cal
RT: 10.08 min Scan# 699
Delta R.T. -0.08 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tgt Ion:168 Resp: 28655

Ion	Ratio	Lower	Upper
168	100		
139	34.5	30.5	45.7
169	12.9	10.4	15.6

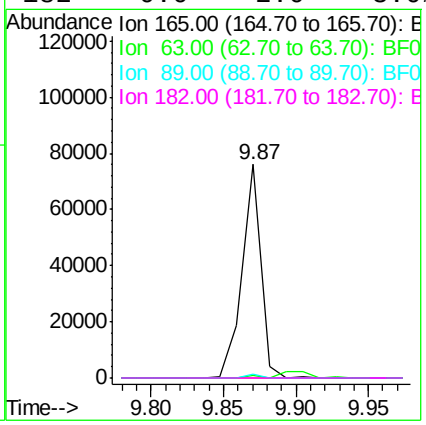


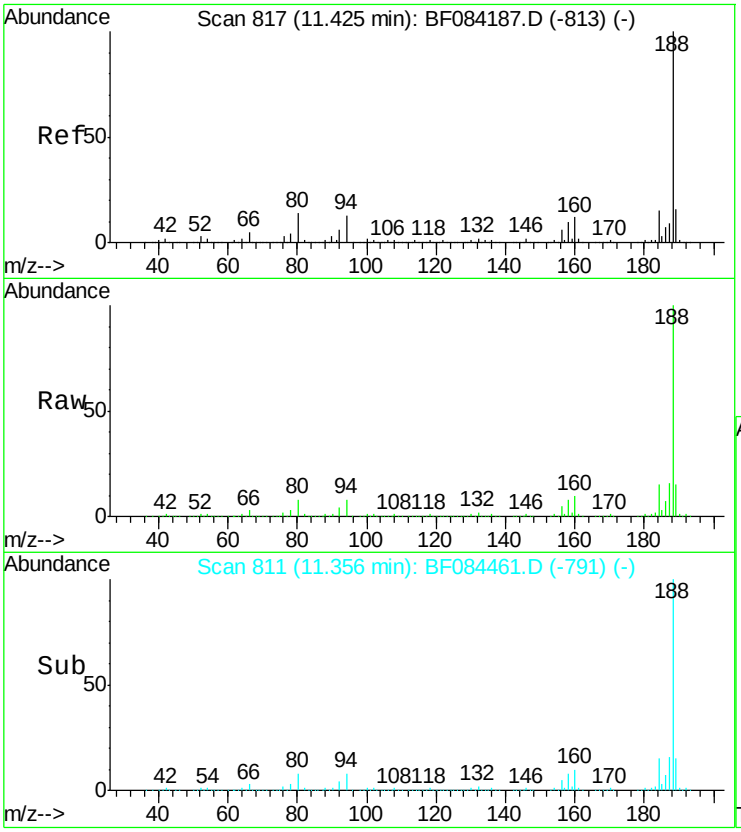


#56
2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.26 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion:165 Resp: 68696

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#



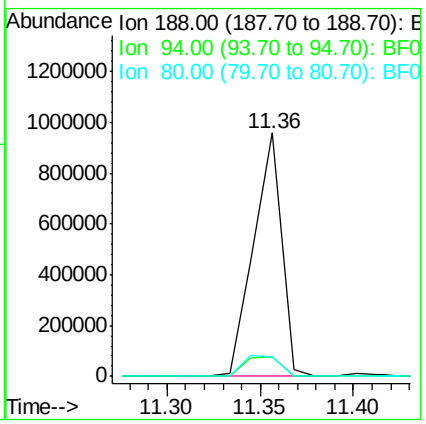


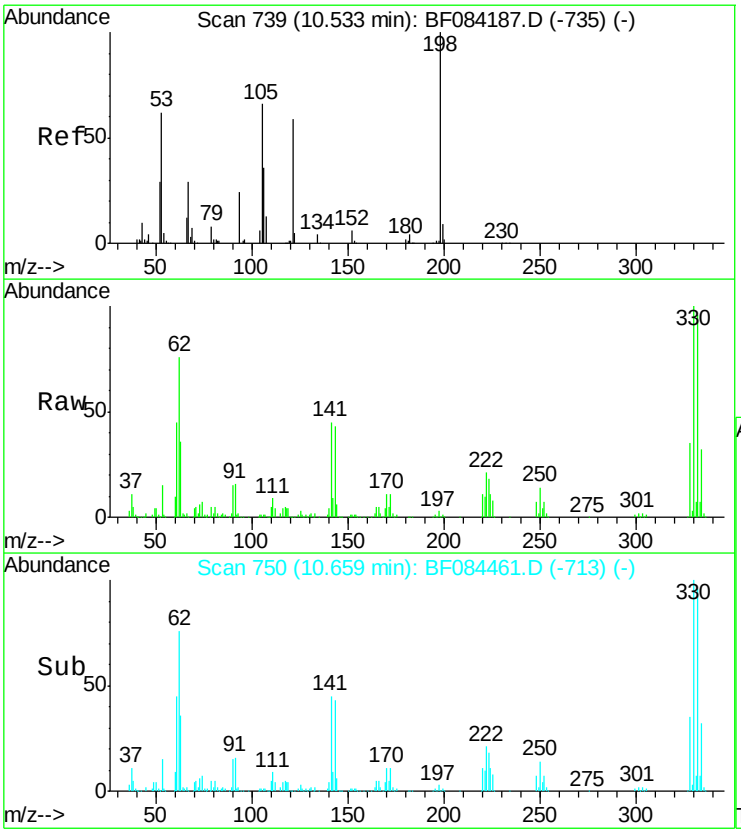
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.07 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tgt Ion:188 Resp: 992914

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.4#
80	8.0	9.6	14.4#

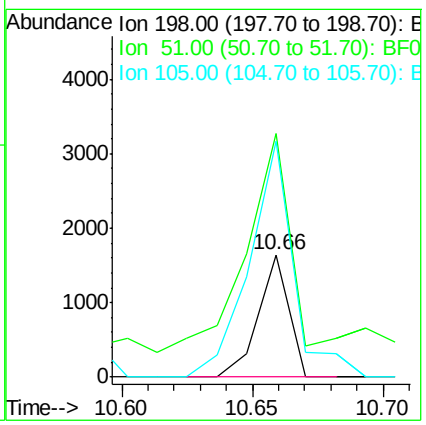


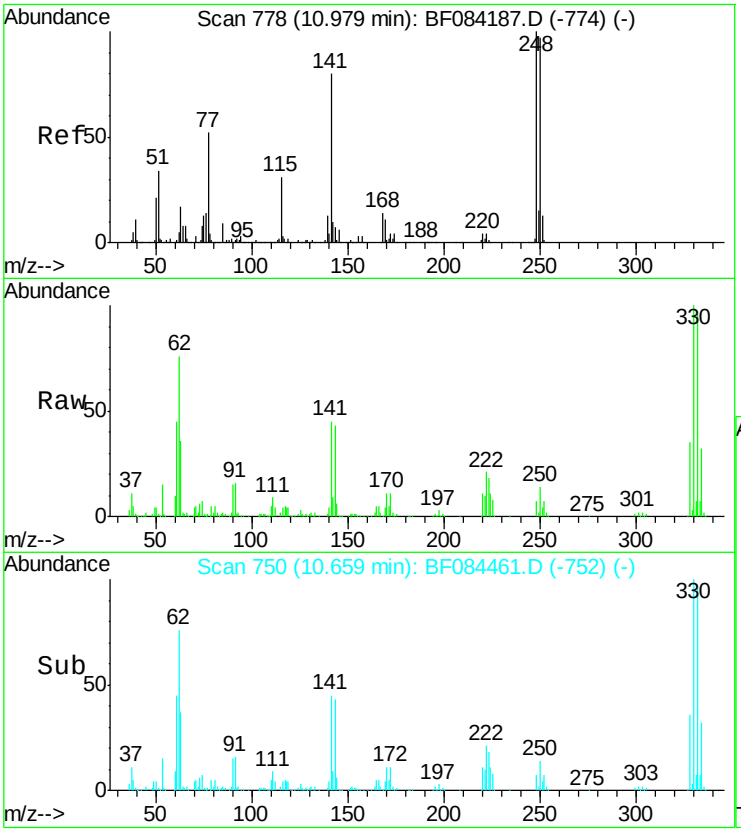


#64
4,6-Dinitro-2-methylphenol
Concen: 6.59 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.13 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion:198 Resp: 1346

Ion	Ratio	Lower	Upper
198	100		
51	199.1	18.9	58.9#
105	193.4	26.4	66.4#



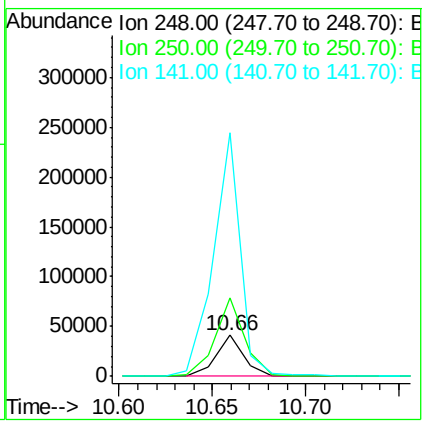


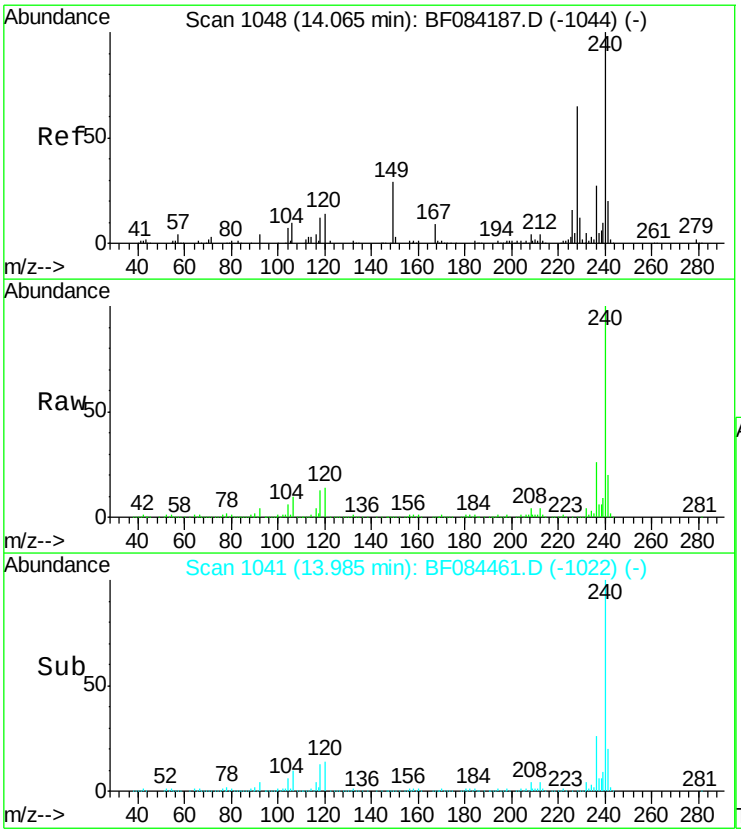
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.32 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tgt Ion:248 Resp: 43131

Ion	Ratio	Lower	Upper
248	100		
250	191.9	78.4	117.6#
141	596.0	44.0	66.0#

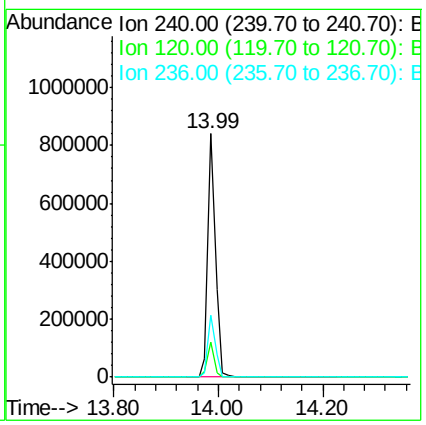


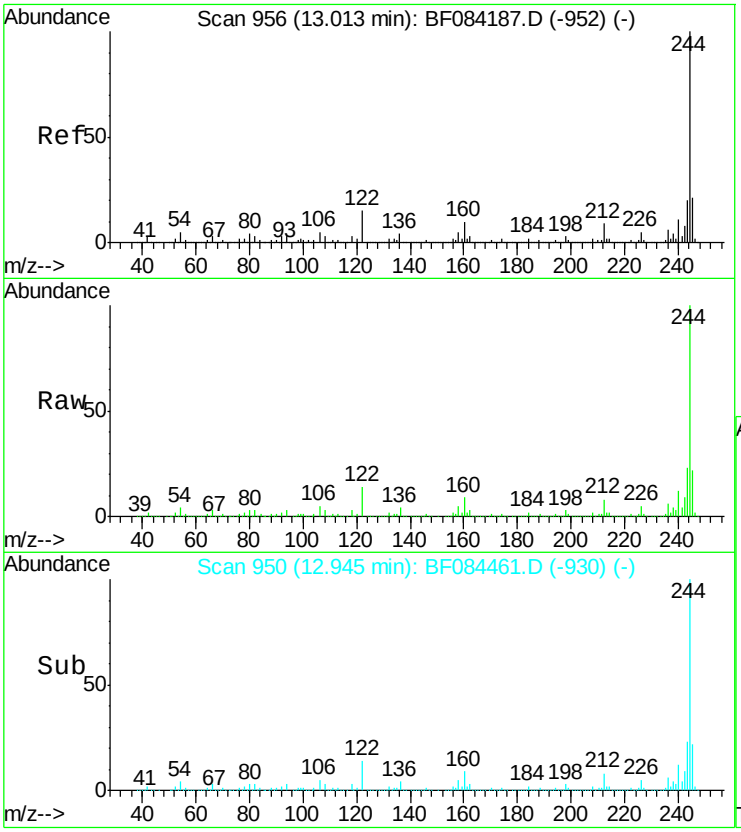


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.08 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion:240 Resp: 851710

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.6	20.6	31.0



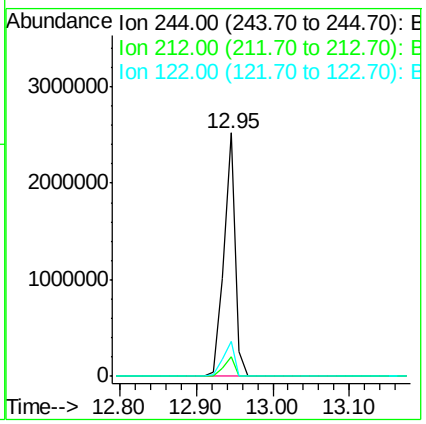


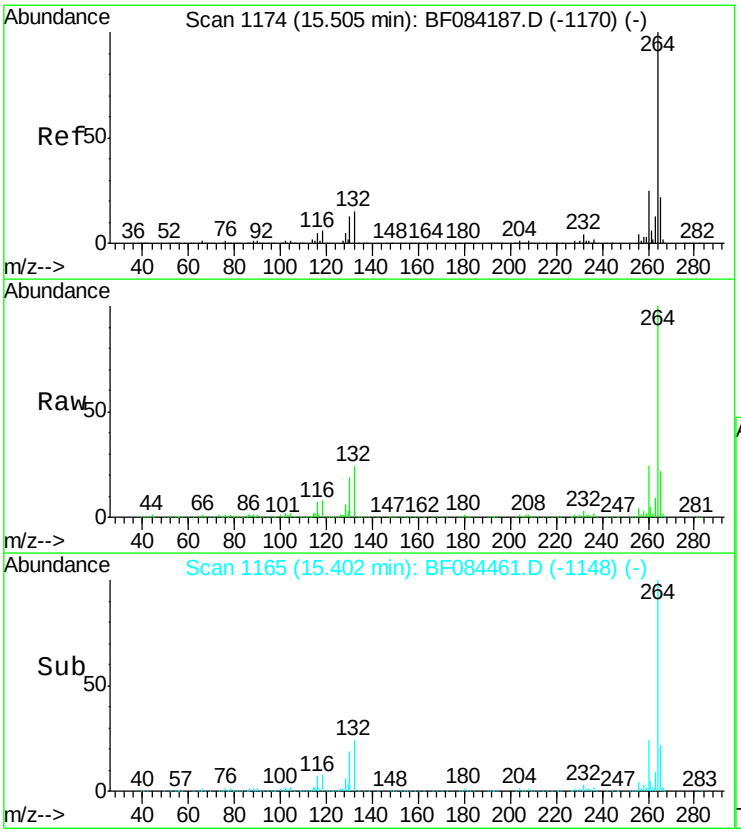
#78
Terphenyl-d14
Concen: 69.46 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.07 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tgt Ion:244 Resp: 2650452

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.1	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: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion:264 Resp: 620449

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.0	17.8	26.6