Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123015\
Data File : BF084175.D
Acq On : 31 Dec 2015 5:11
Operator : UM/SJ
Sample : G4979-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-26

Quant Time: Dec 31 06:13:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 04:29:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	320290	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1278376	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	582932	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	1083931	20.00	ng		0.00
75) Chrysene-d12	14.07	240	831250	20.00	ng		0.00
86) Perylene-d12	15.51	264	594299	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1223491	61.26	ng		0.00
7) Phenol-d6	6.52	99	1055126	40.81	ng		0.00
23) Nitrobenzene-d5	7.46	82	1974272	91.25	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	773984	133.02	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2962214	87.51	ng		0.00
78) Terphenyl-d14	13.02	244	3085413	87.42	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	19908	2.08	ng	#	88
9) Benzaldehyde	6.44	77	2197	Below Cal			98
14) 1,2-Dichlorobenzene	7.07	146	1747	Below Cal		#	62
19) n-Nitroso-di-n-propylamine	7.46	70	278793	16.38	ng	#	76
26) 2-Nitrophenol	7.72	139	234	Below Cal		#	6
32) Benzoic acid	7.96	122	2245	3.67	ng	#	32
49) Dimethylphthalate	9.65	163	215776	5.15	ng		98
50) 2,6-Dinitrotoluene	9.65	165	5152	2.47	ng	#	1
51) Acenaphthene	9.97	154	109965	3.02	ng		96
54) Dibenzofuran	10.14	168	112513	2.60	ng		98
56) 2,4-Dinitrotoluene	9.94	165	78483	7.67	ng	#	42
59) Diethylphthalate	10.36	149	9003	Below Cal		#	88
60) 4-Chlorophenyl-phenylether	10.46	204	348	Below Cal		#	14
66) 4-Bromophenyl-phenylether	10.73	248	48330	4.16	ng	#	1
73) Di-n-butylphthalate	12.00	149	23477	Below Cal		#	89
74) Fluoranthene	12.65	202	55755	Below Cal			99

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

Quantitation Report (Not Reviewed)

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Misc :
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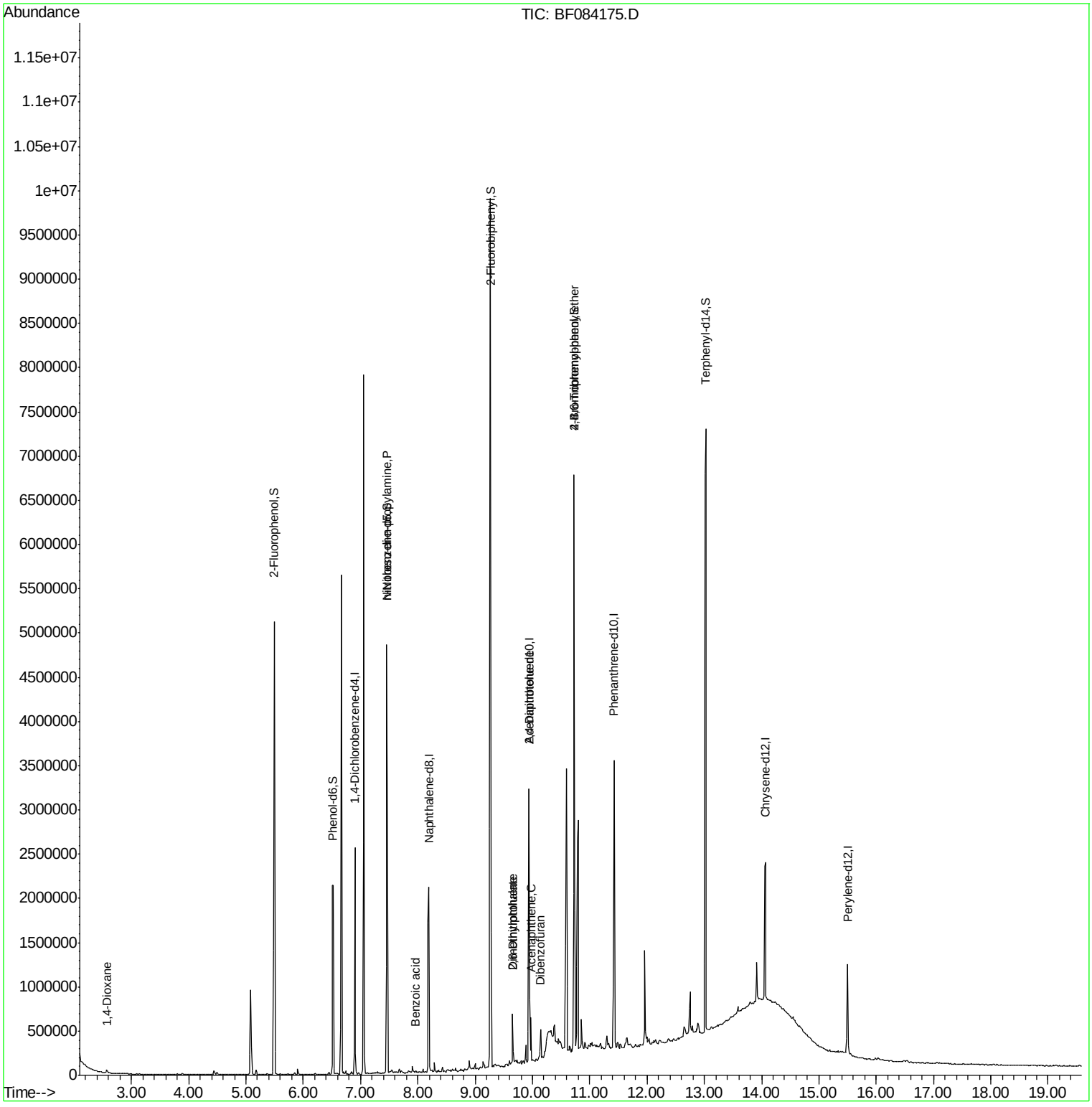
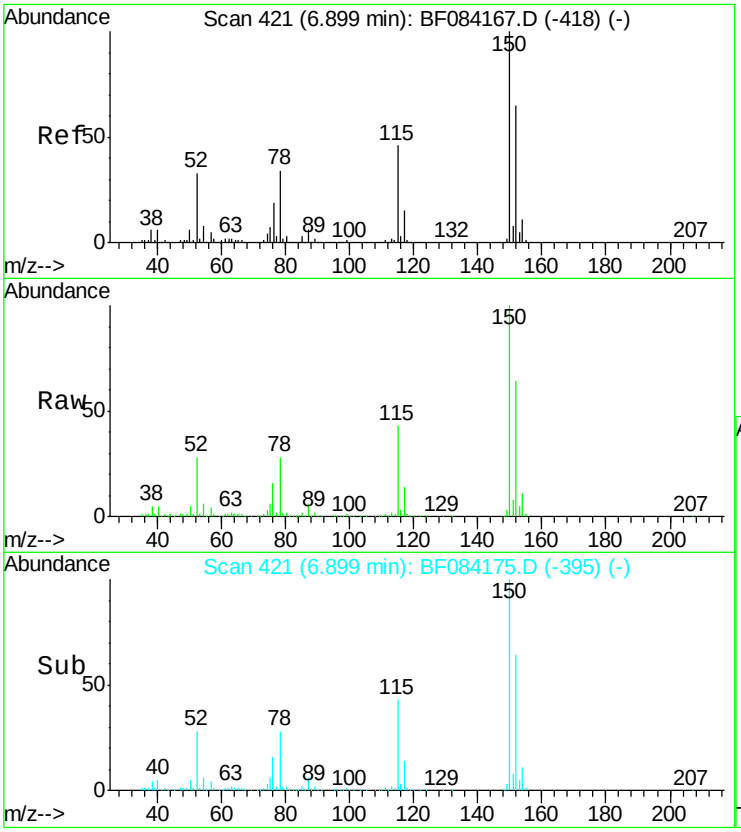


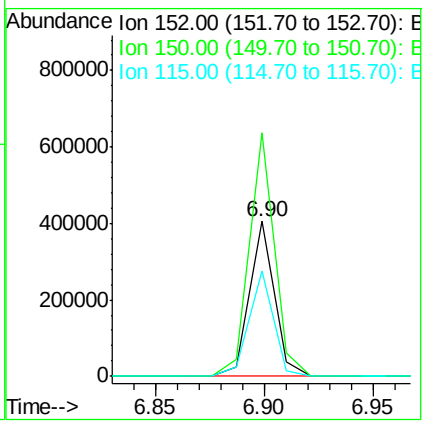


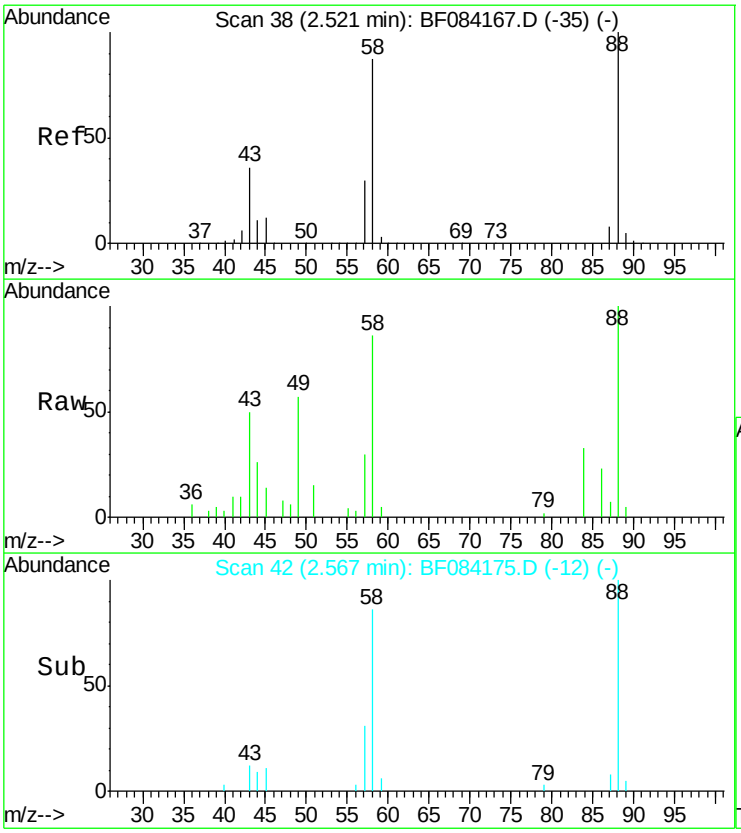
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:152 Resp: 320290

Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.8
115	68.2	57.1	85.7

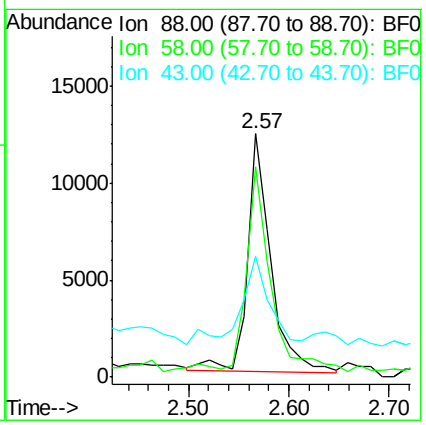


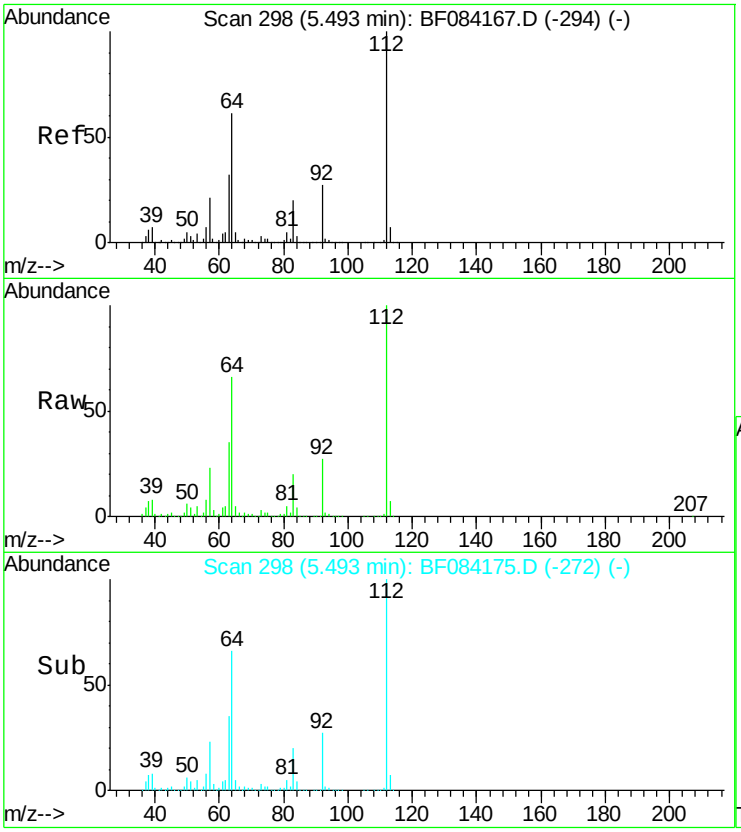


#2
1,4-Dioxane
Concen: 2.08 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.05 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion: 88 Resp: 19908

Ion	Ratio	Lower	Upper
88	100		
58	92.5	67.8	101.6
43	45.8	27.8	41.8#



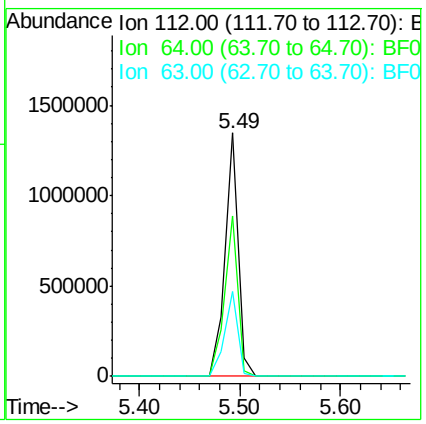


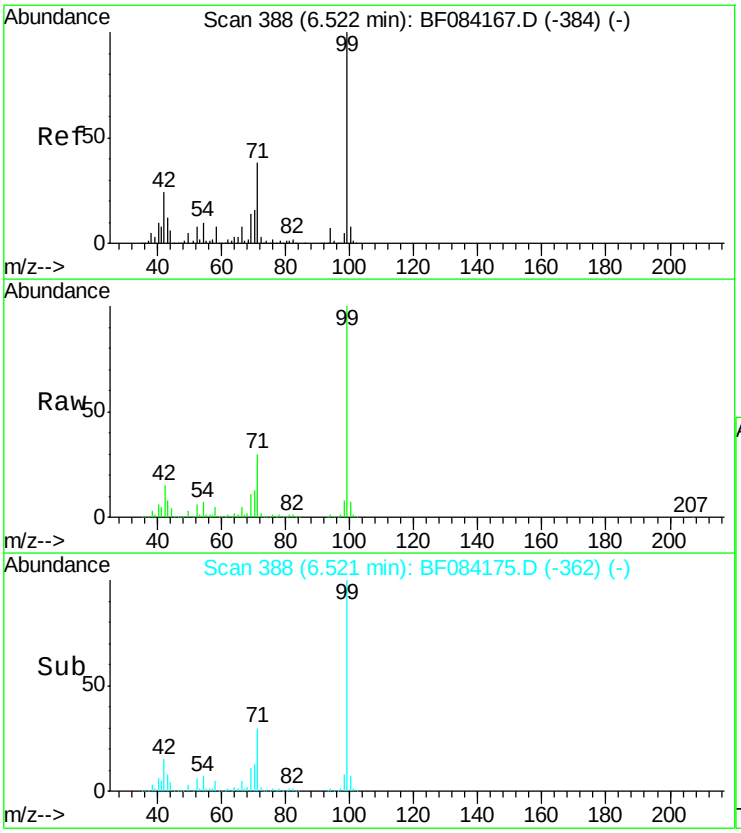
#5
2-Fluorophenol
Concen: 61.26 ng
RT: 5.49 min Scan# 298
Delta R.T. -0.00 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:112 Resp: 1223491

Ion	Ratio	Lower	Upper
112	100		
64	65.8	48.7	73.1
63	35.1	25.9	38.9

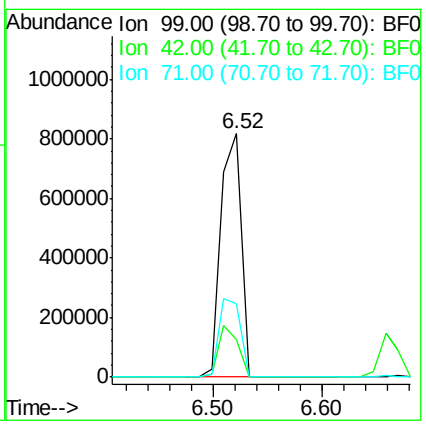


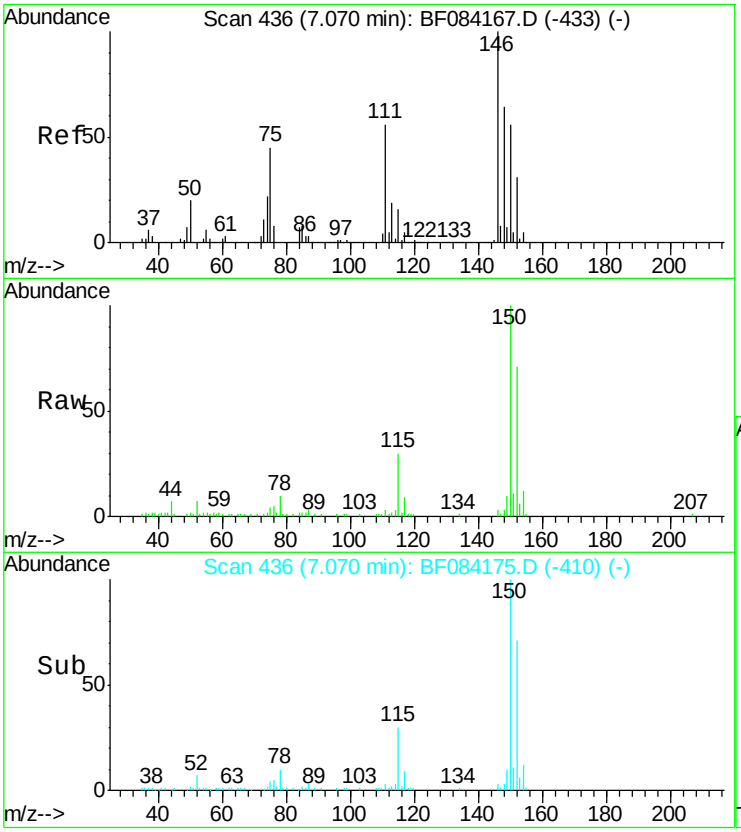


#7
Phenol-d6
Concen: 40.81 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion: 99 Resp: 1055126

Ion	Ratio	Lower	Upper
99	100		
42	15.3	19.2	28.8#
71	30.2	30.4	45.6#



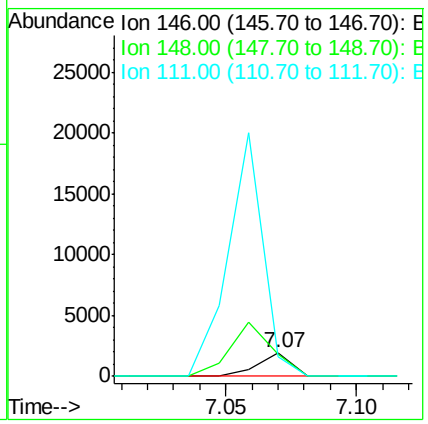


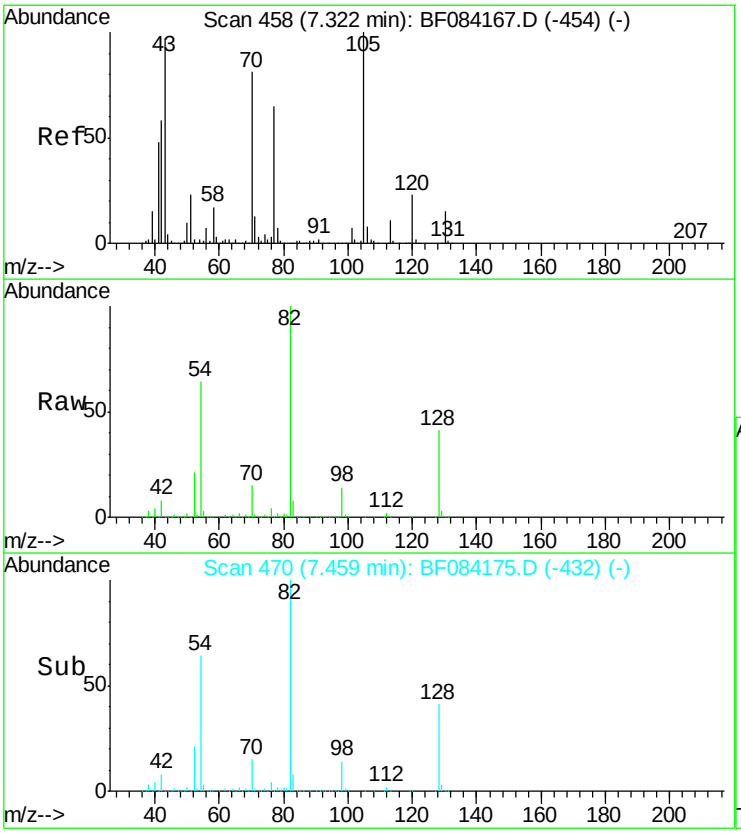
#14
1,2-Dichlorobenzene
Concen: Below Cal
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:146 Resp: 1747

Ion	Ratio	Lower	Upper
146	100		
148	92.7	51.3	76.9#
111	85.3	45.0	67.4#

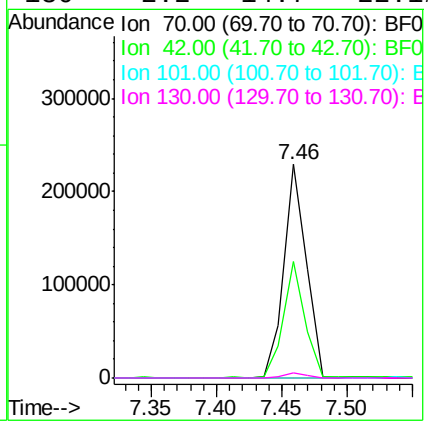


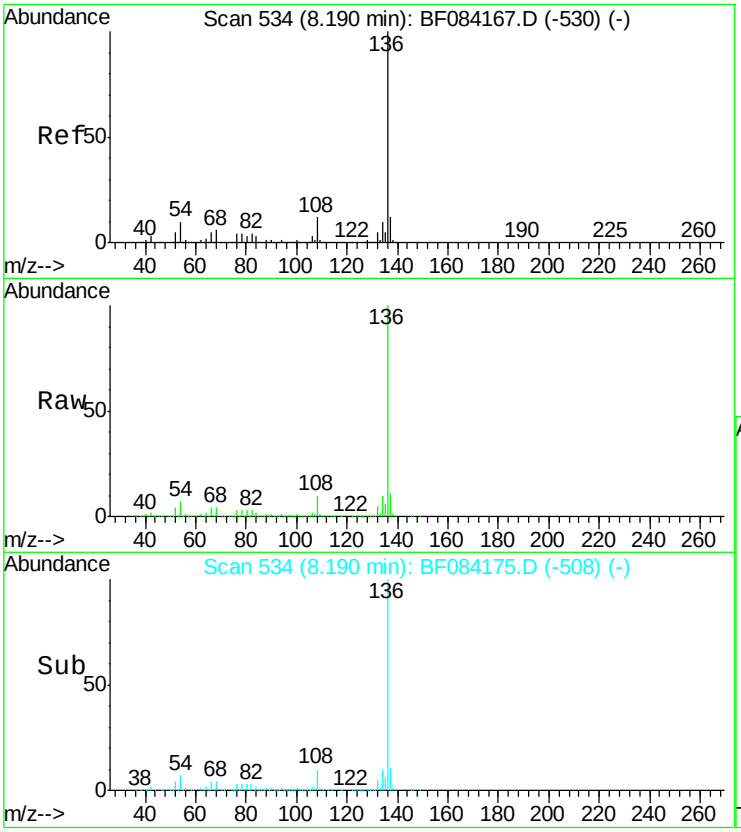


#19
n-Nitroso-di-n-propylamine
Concen: 16.38 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion: 70 Resp: 278793

Ion	Ratio	Lower	Upper
70	100		
42	54.7	57.4	86.0#
101	0.0	7.3	10.9#
130	2.2	14.7	22.1#



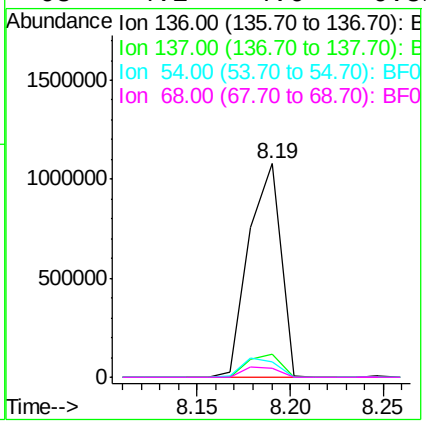


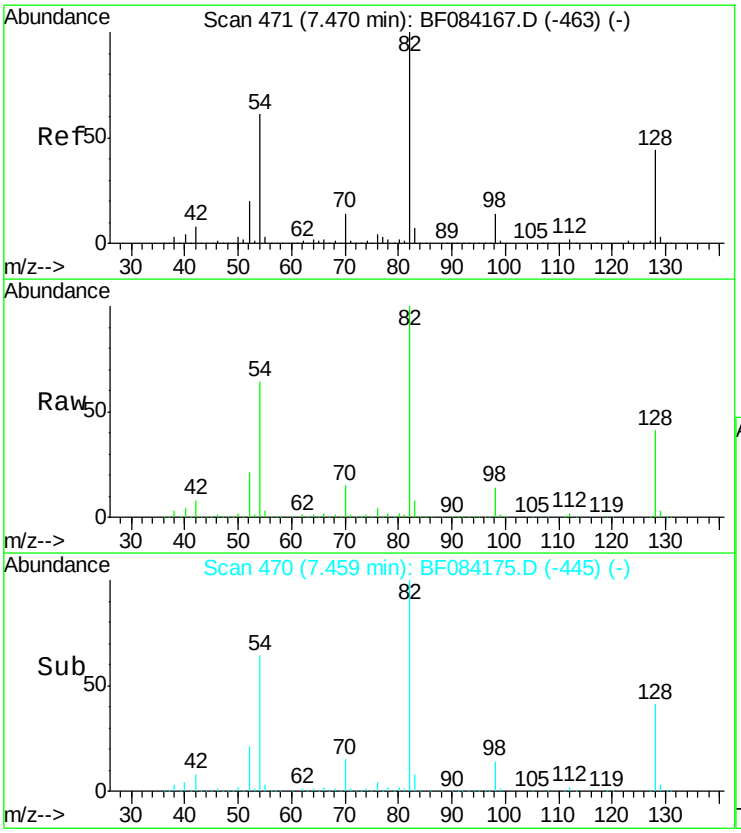
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:136 Resp: 1278376

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	6.9	7.6	11.4#
68	4.2	4.6	6.8#

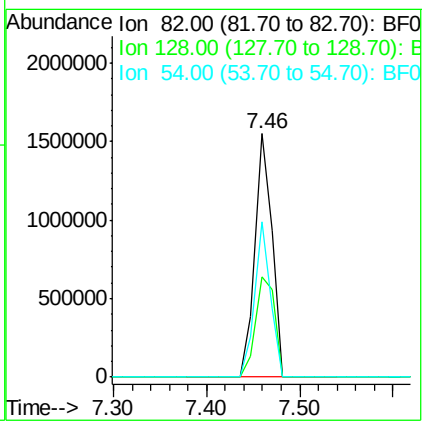


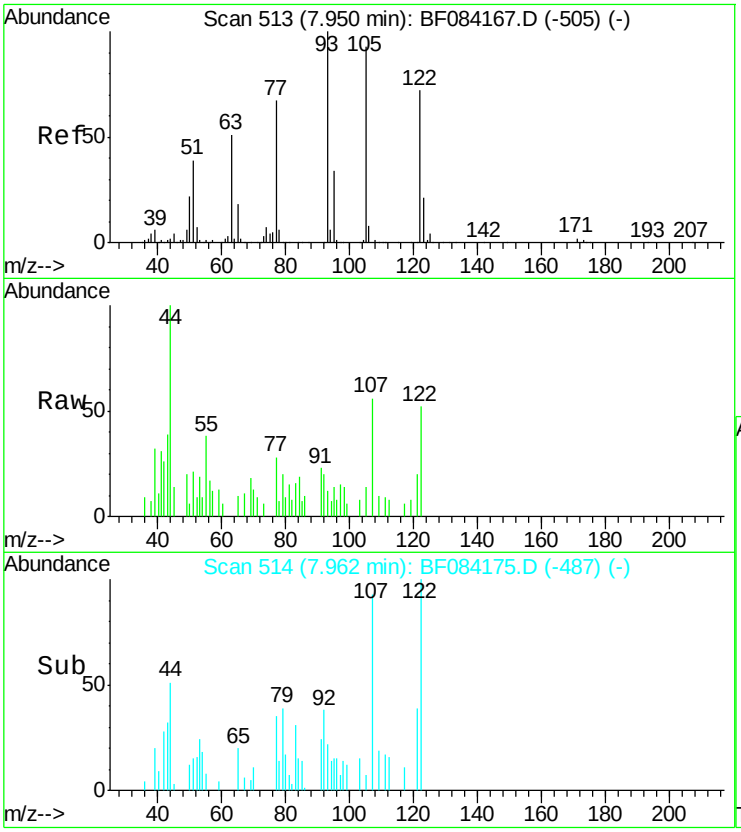


#23
Nitrobenzene-d5
Concen: 91.25 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion: 82 Resp: 1974272

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.0	52.4
54	63.8	48.5	72.7



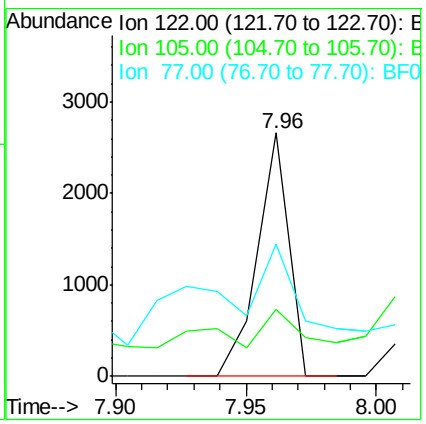


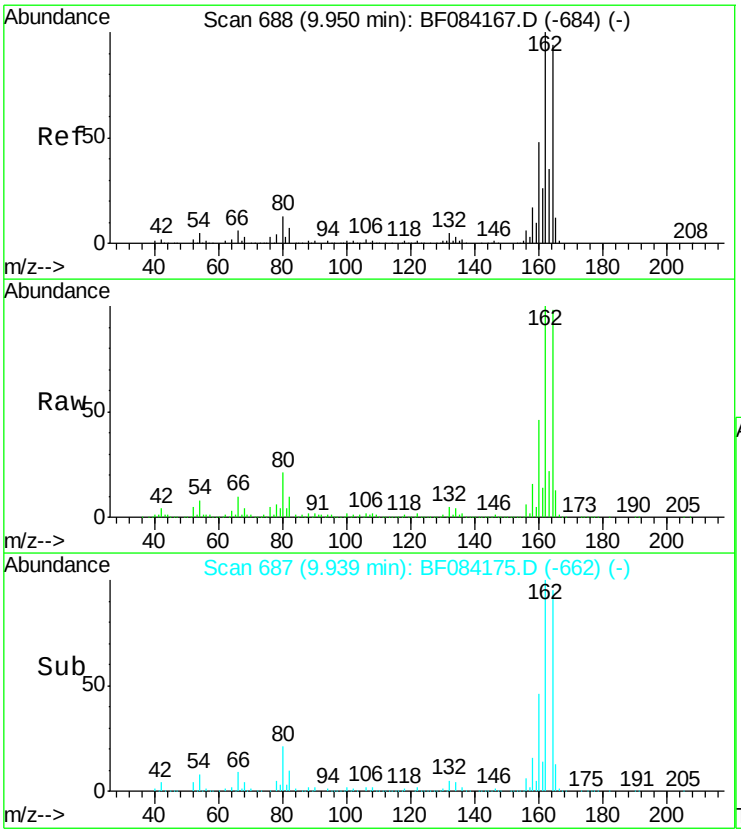
#32
Benzoic acid
Concen: 3.67 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.01 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:122 Resp: 2245

Ion	Ratio	Lower	Upper
122	100		
105	27.7	108.6	148.6#
77	54.5	74.1	114.1#

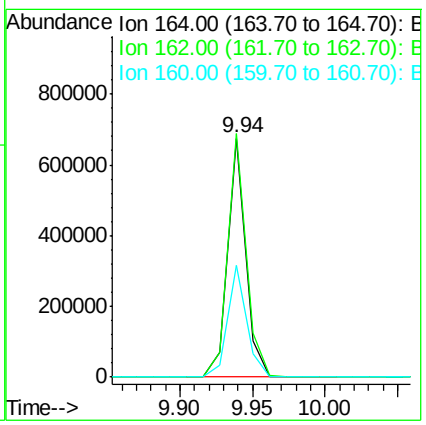


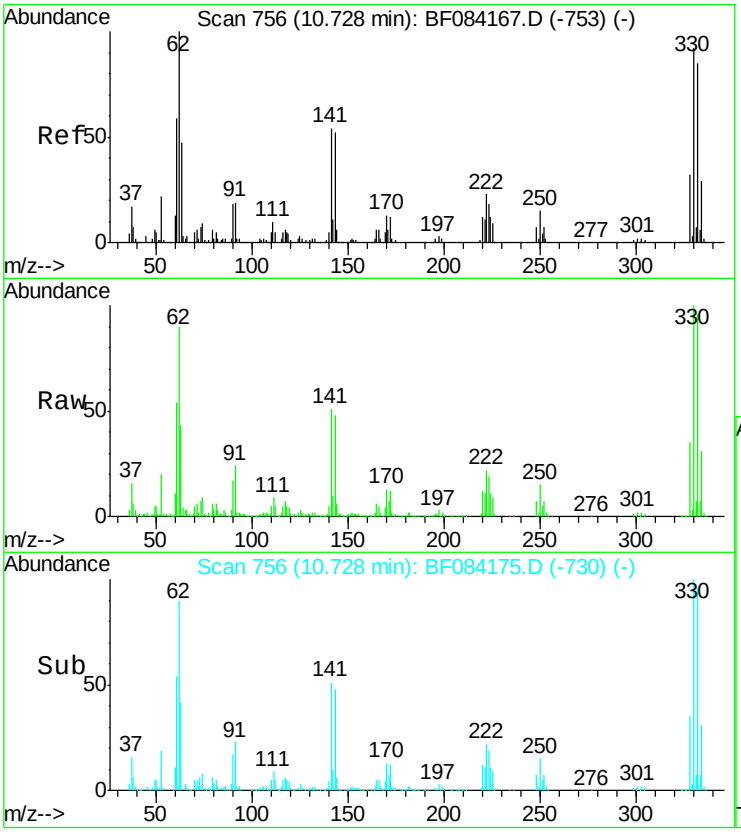


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion:164 Resp: 582932

Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.8	127.2
160	47.0	40.4	60.6



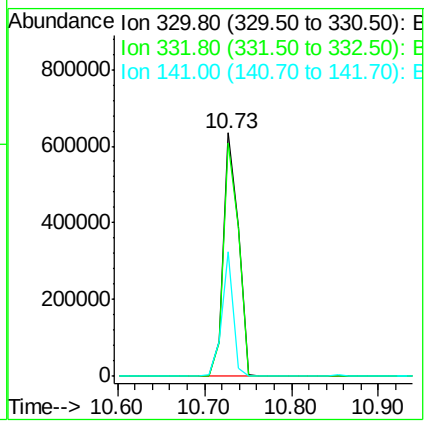


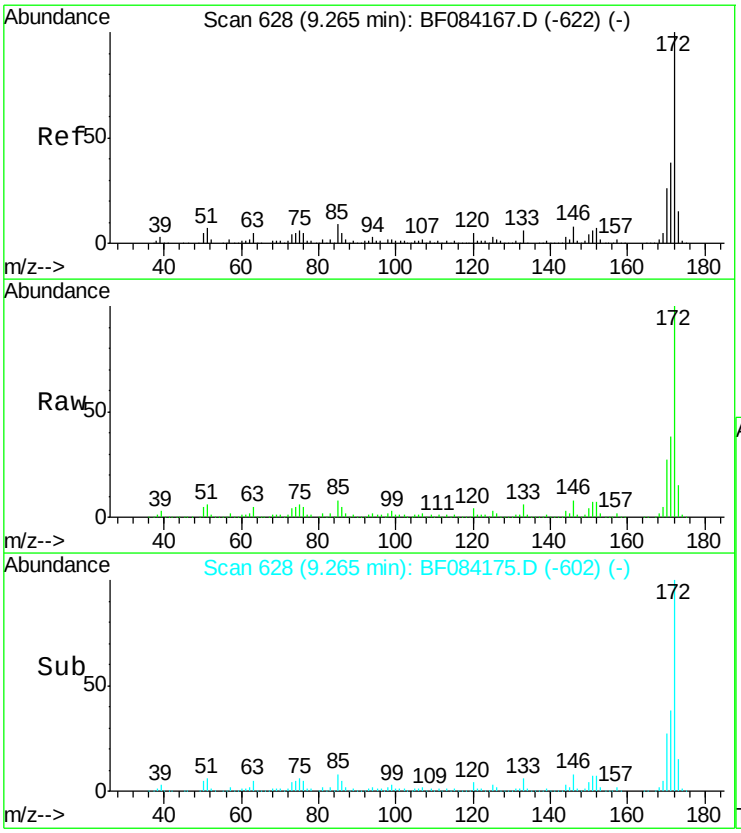
#41
2,4,6-Tribromophenol
Concen: 133.02 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:330 Resp: 773984

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.2
141	39.1	31.3	46.9

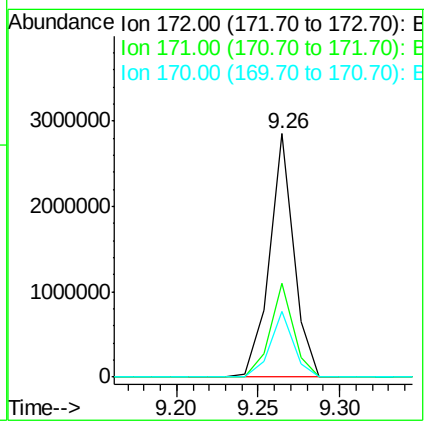


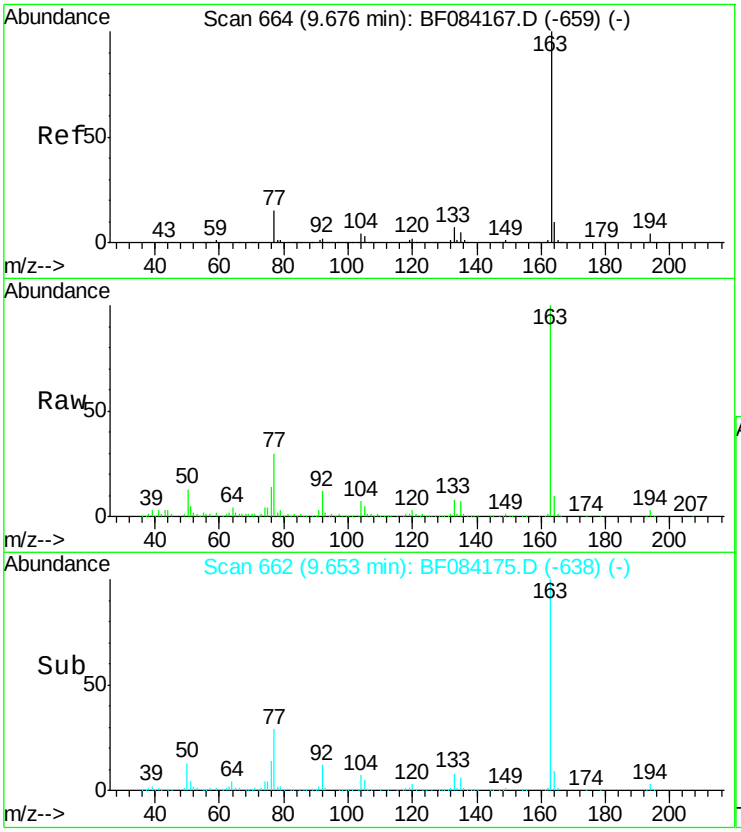


#44
2-Fluorobiphenyl
Concen: 87.51 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion:172 Resp: 2962214

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.6	46.0
170	26.8	20.6	30.8



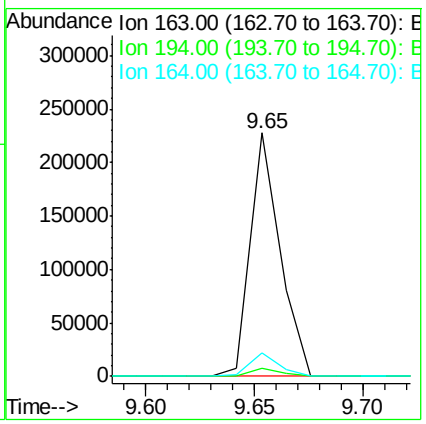


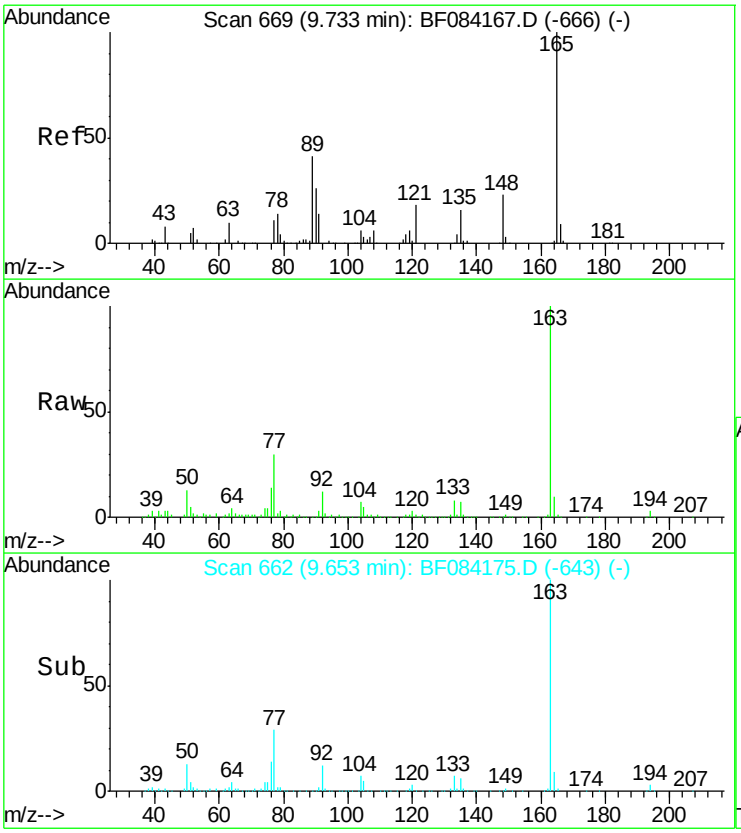
#49
Dimethylphthalate
Concen: 5.15 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:163 Resp: 215776

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.6
164	9.8	8.2	12.4

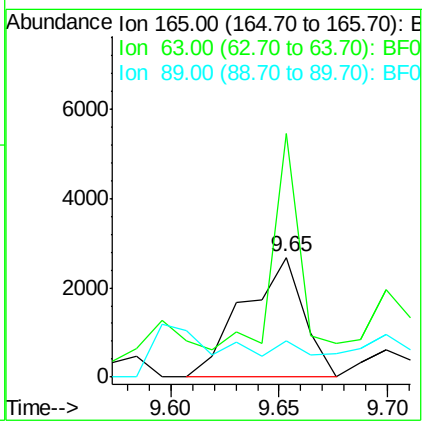


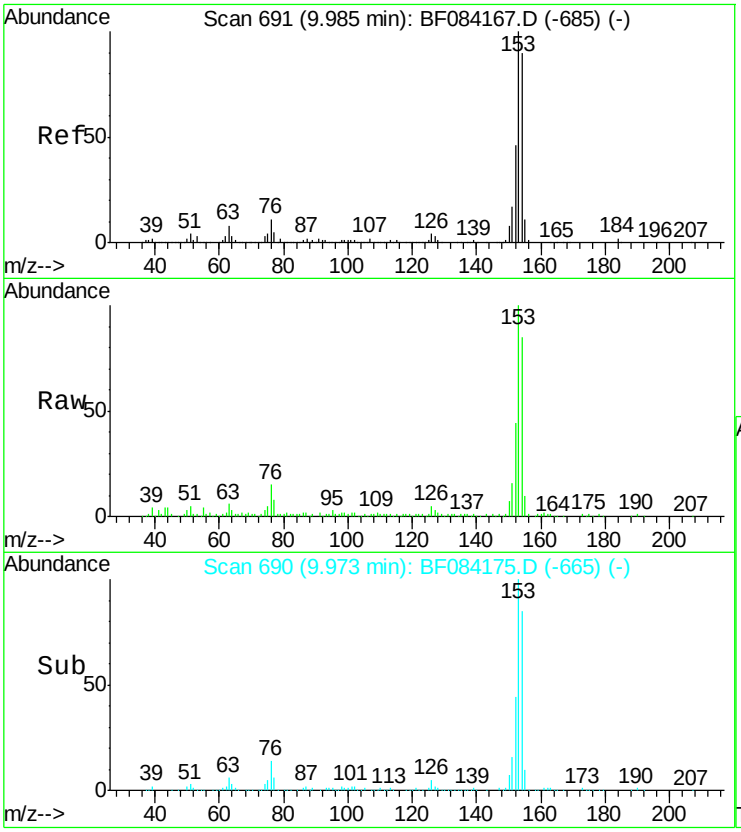


#50
2,6-Dinitrotoluene
Concen: 2.47 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.08 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion:165 Resp: 5152

Ion	Ratio	Lower	Upper
165	100		
63	203.5	28.8	43.2#
89	30.7	32.7	49.1#



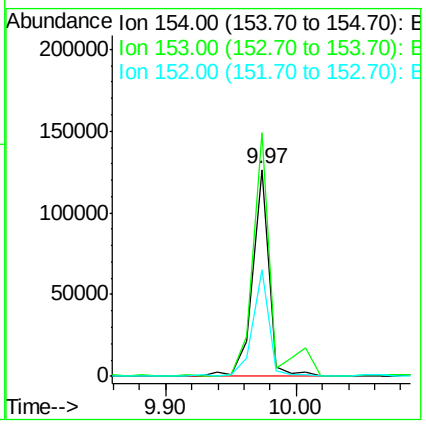


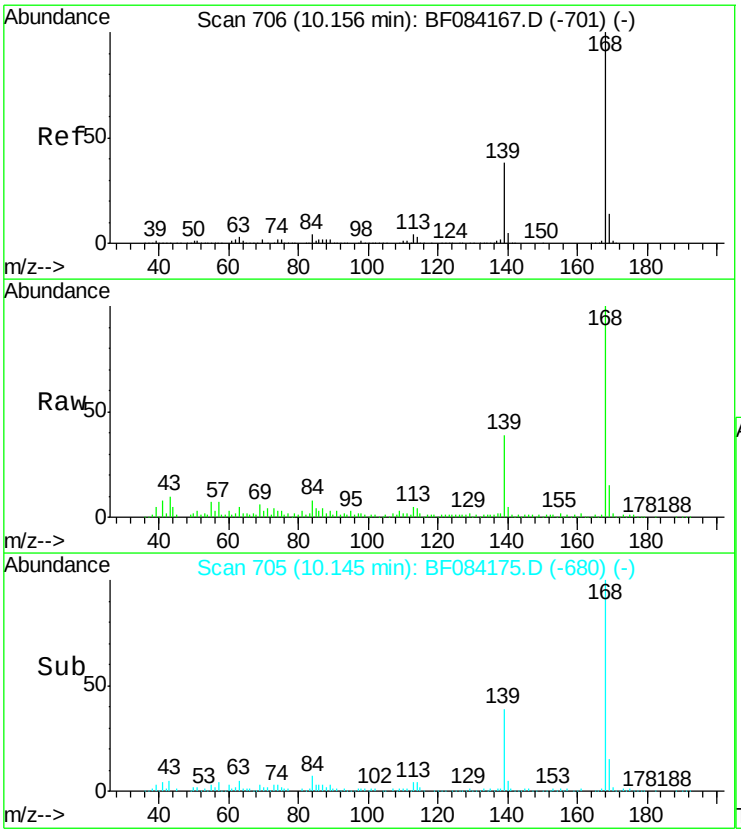
#51
Acenaphthene
Concen: 3.02 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:154 Resp: 109965

Ion	Ratio	Lower	Upper
154	100		
153	117.6	89.2	133.8
152	51.7	41.2	61.8

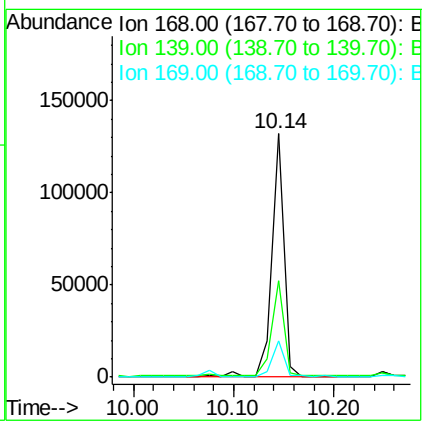


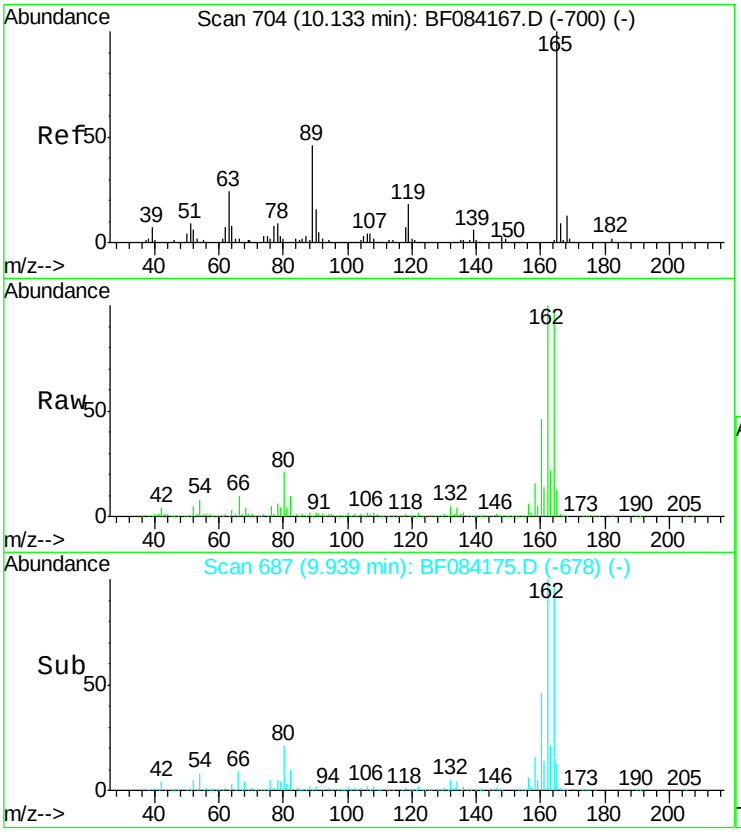


#54
Dibenzofuran
Concen: 2.60 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion:168 Resp: 112513

Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.5	45.7
169	14.9	11.1	16.7



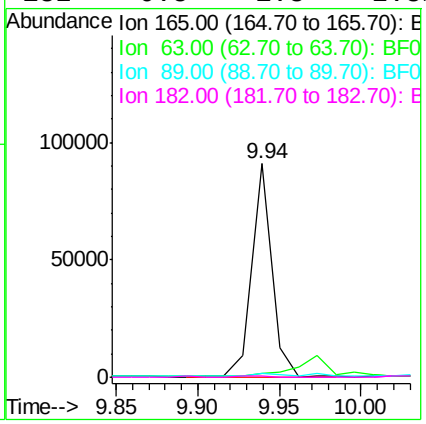


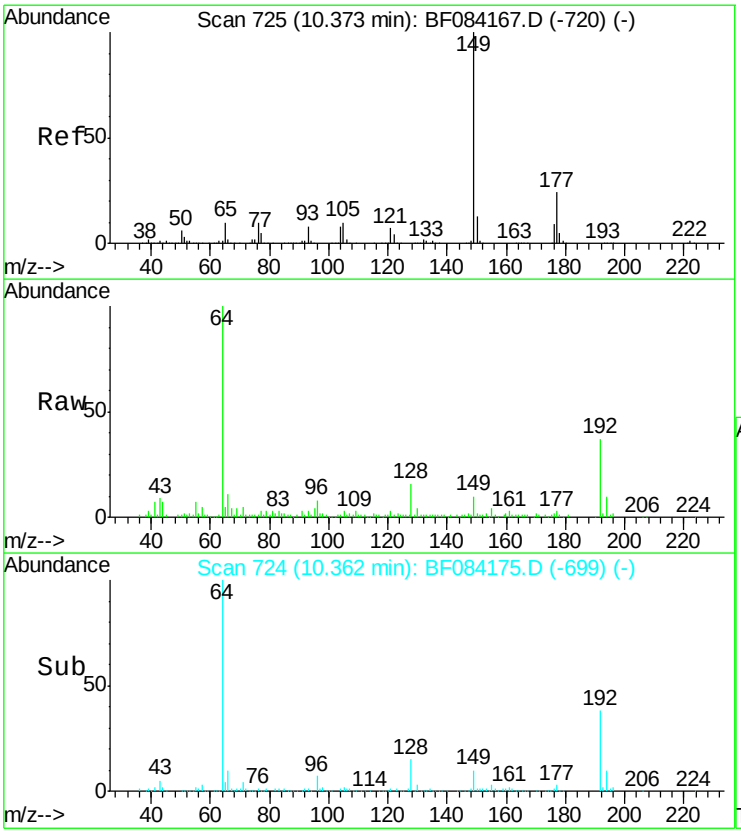
#56
2,4-Dinitrotoluene
Concen: 7.67 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:165 Resp: 78483

Ion	Ratio	Lower	Upper
165	100		
63	1.7	19.4	29.2#
89	2.0	37.0	55.6#
182	0.5	1.8	2.8#

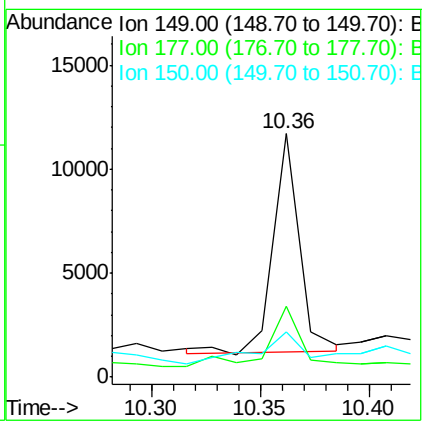


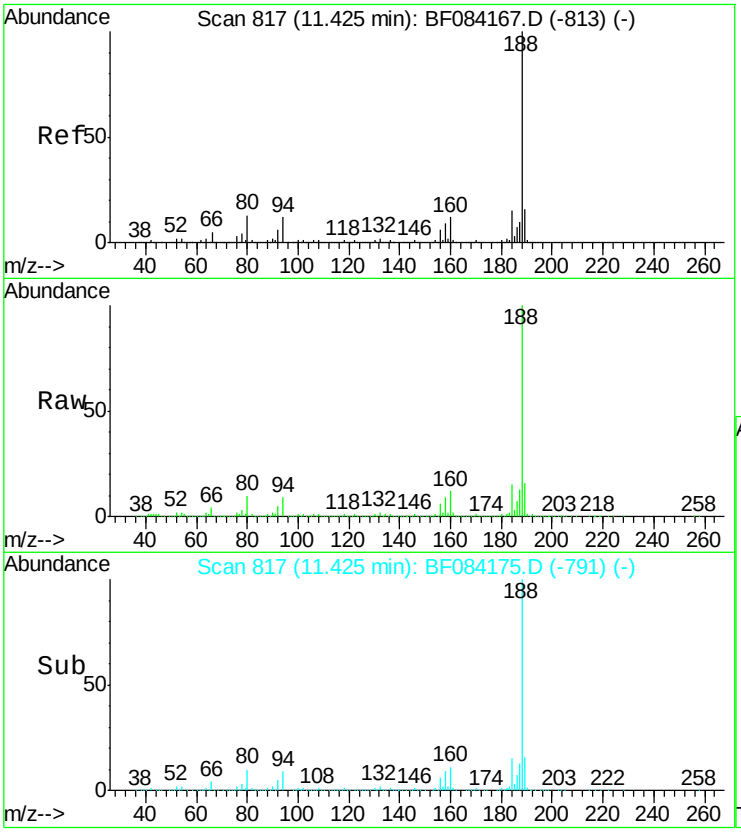


#59
Diethylphthalate
Concen: Below Cal
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion:149 Resp: 9003

Ion	Ratio	Lower	Upper
149	100		
177	29.1	19.1	28.7#
150	18.7	10.6	15.8#



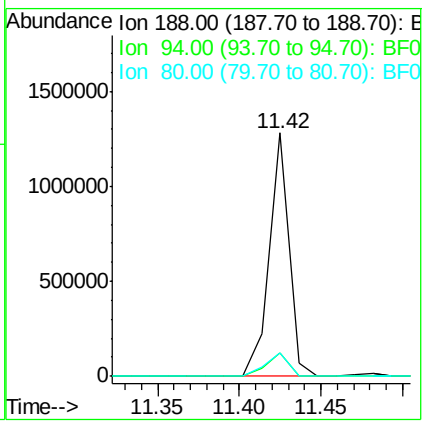


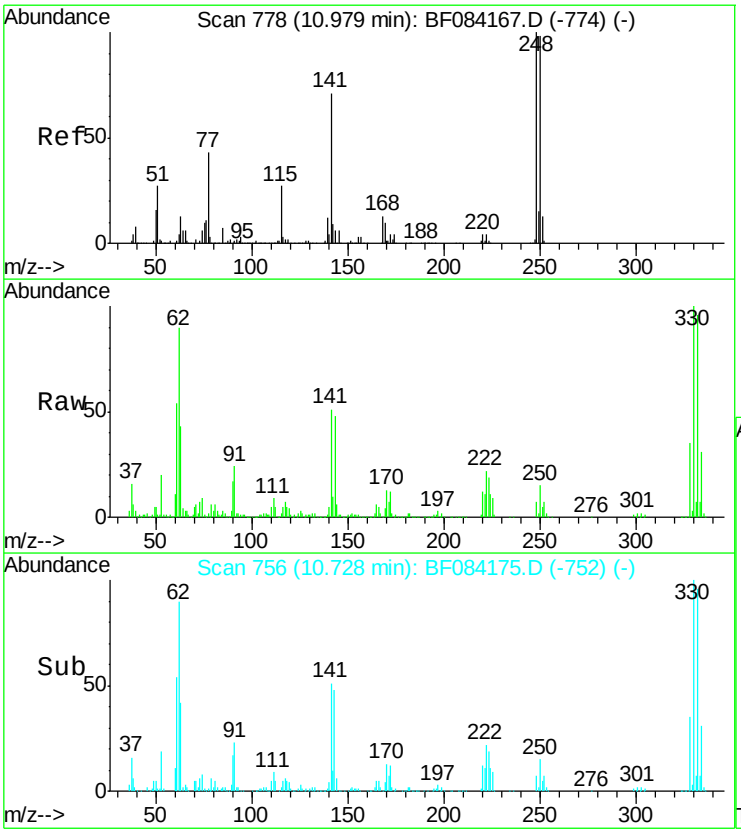
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:188 Resp: 1083931

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.2	13.8
80	9.8	10.1	15.1#

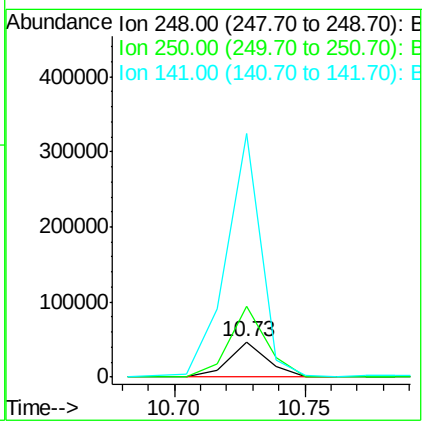


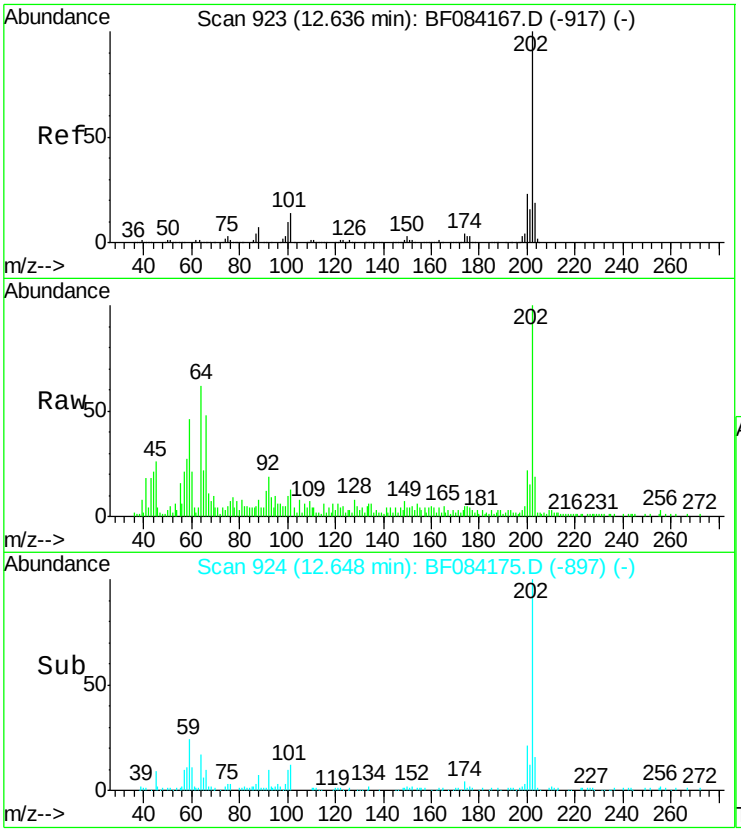


#66
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.25 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion:248 Resp: 48330

Ion	Ratio	Lower	Upper
248	100		
250	197.7	78.7	118.1#
141	685.1	57.1	85.7#



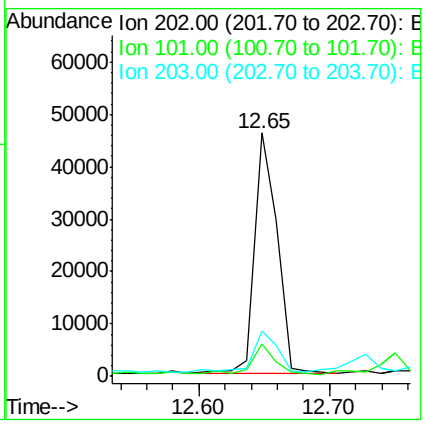


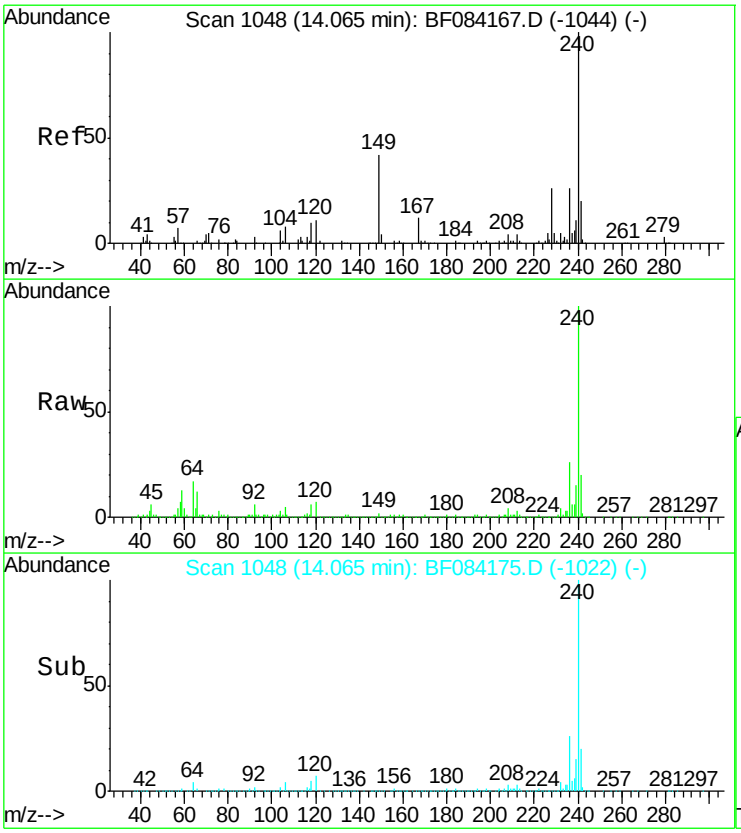
#74
Fluoranthene
Concen: Below Cal
RT: 12.65 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:202 Resp: 55755

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.0
203	18.7	0.0	39.2

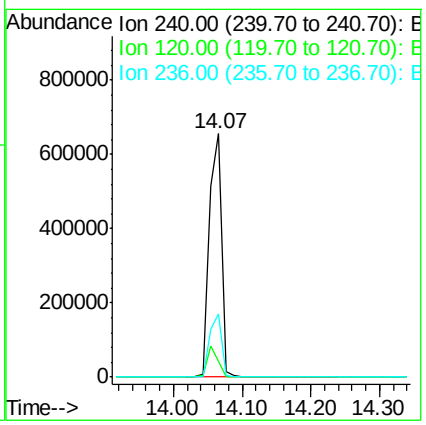


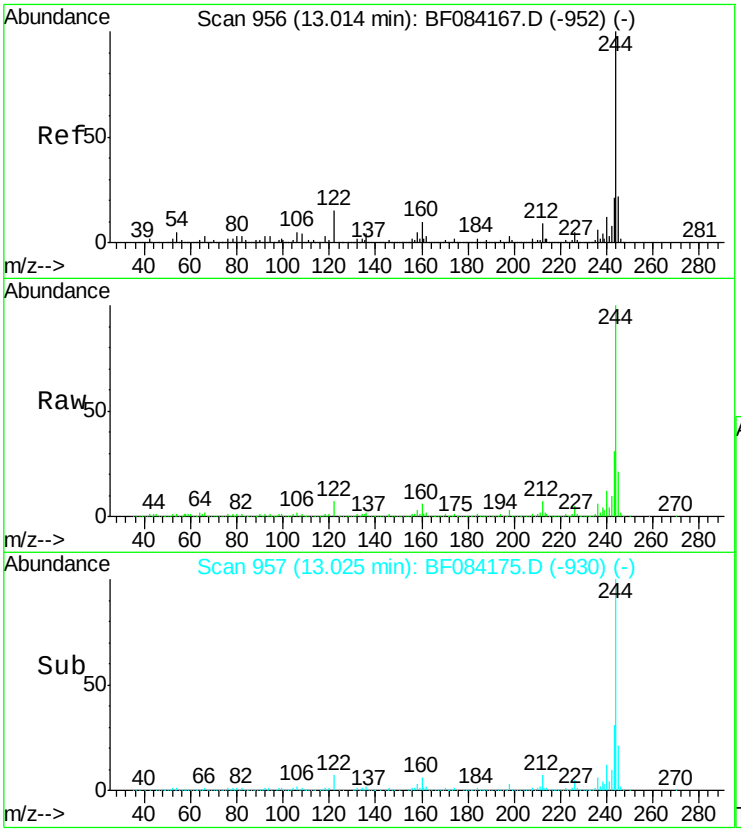


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion:240 Resp: 831250

Ion	Ratio	Lower	Upper
240	100		
120	6.6	8.8	13.2#
236	26.0	20.8	31.2



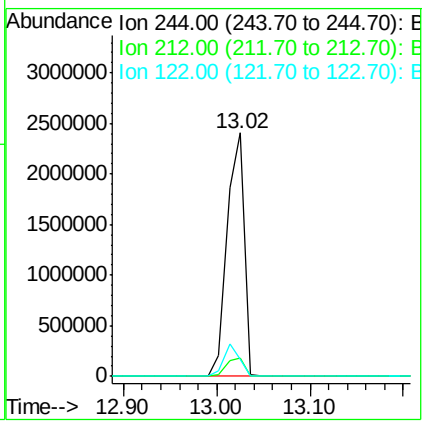


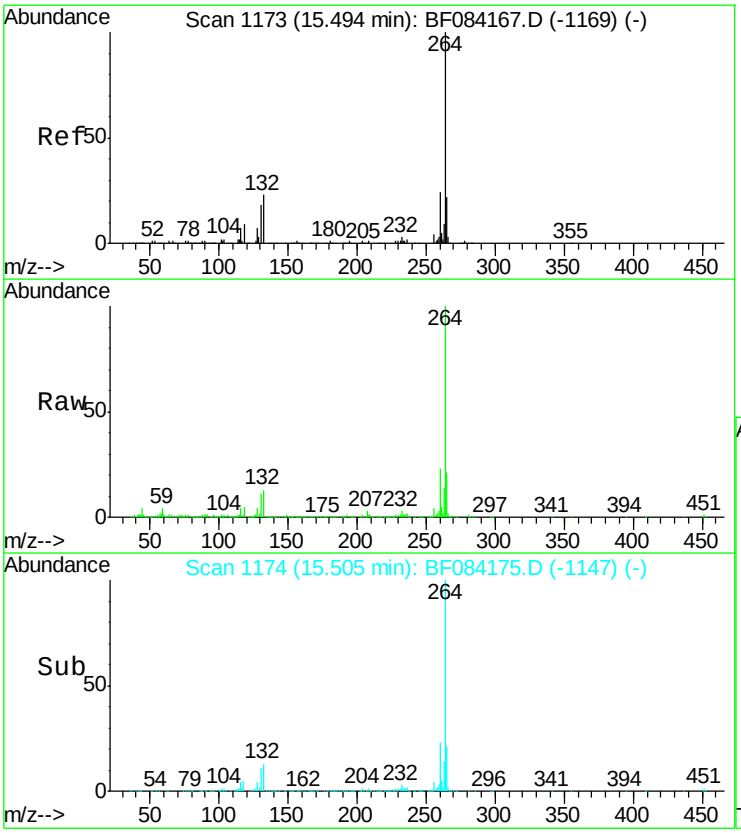
#78
Terphenyl-d14
Concen: 87.42 ng
RT: 13.02 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Instrument :
BNA_G
ClientSampleId :
W-26

Tgt Ion:244 Resp: 3085413

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.0	10.4
122	6.8	11.9	17.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF084175.D
Acq: 31 Dec 2015 5:11

Tgt Ion:264 Resp: 594299

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	21.5	18.0	27.0