Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
Data File : BF092299.D
Acq On : 16 Jan 2017 21:53
Operator : UM/SJ
Sample : I1197-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-22

Quant Time: Jan 17 00:46:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	173676	20.00	ng		-0.08
21) Naphthalene-d8	7.84	136	675592	20.00	ng		-0.09
38) Acenaphthene-d10	9.59	164	357656	20.00	ng		-0.09
63) Phenanthrene-d10	11.07	188	715500	20.00	ng		-0.09
75) Chrysene-d12	13.70	240	610991	20.00	ng		-0.09
86) Perylene-d12	15.05	264	449245	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	763671	73.42	ng		-0.09
7) Phenol-d6	6.22	99	570496	44.92	ng		-0.09
23) Nitrobenzene-d5	7.14	82	1286779	105.91	ng		-0.08
41) 2,4,6-Tribromophenol	10.38	330	467297	157.88	ng		-0.09
44) 2-Fluorobiphenyl	8.93	172	1967655	117.68	ng		-0.08
78) Terphenyl-d14	12.66	244	2162175	85.83	ng		-0.09
Target Compounds							Qvalue
9) Benzaldehyde	6.34	77	28783	2.81	ng	#	78
19) n-Nitroso-di-n-propylamine	7.14	70	172924	20.47	ng	#	75
25) Isophorone	7.14	82	1286574	57.40	ng	#	65
49) Dimethylphthalate	9.33	163	59435	2.60	ng		99
50) 2,6-Dinitrotoluene	9.59	165	46568	9.30	ng	#	30
56) 2,4-Dinitrotoluene	9.59	165	46571	7.41	ng	#	19
66) 4-Bromophenyl-phenylether	10.38	248	27043	3.63	ng	#	1
71) Anthracene	11.15	178	519	Below Cal		#	59
73) Di-n-butylphthalate	11.65	149	32541	Below Cal		#	94
74) Fluoranthene	12.28	202	903	Below Cal			61
76) Benzidine	12.66	184	26774	Below Cal		#	95

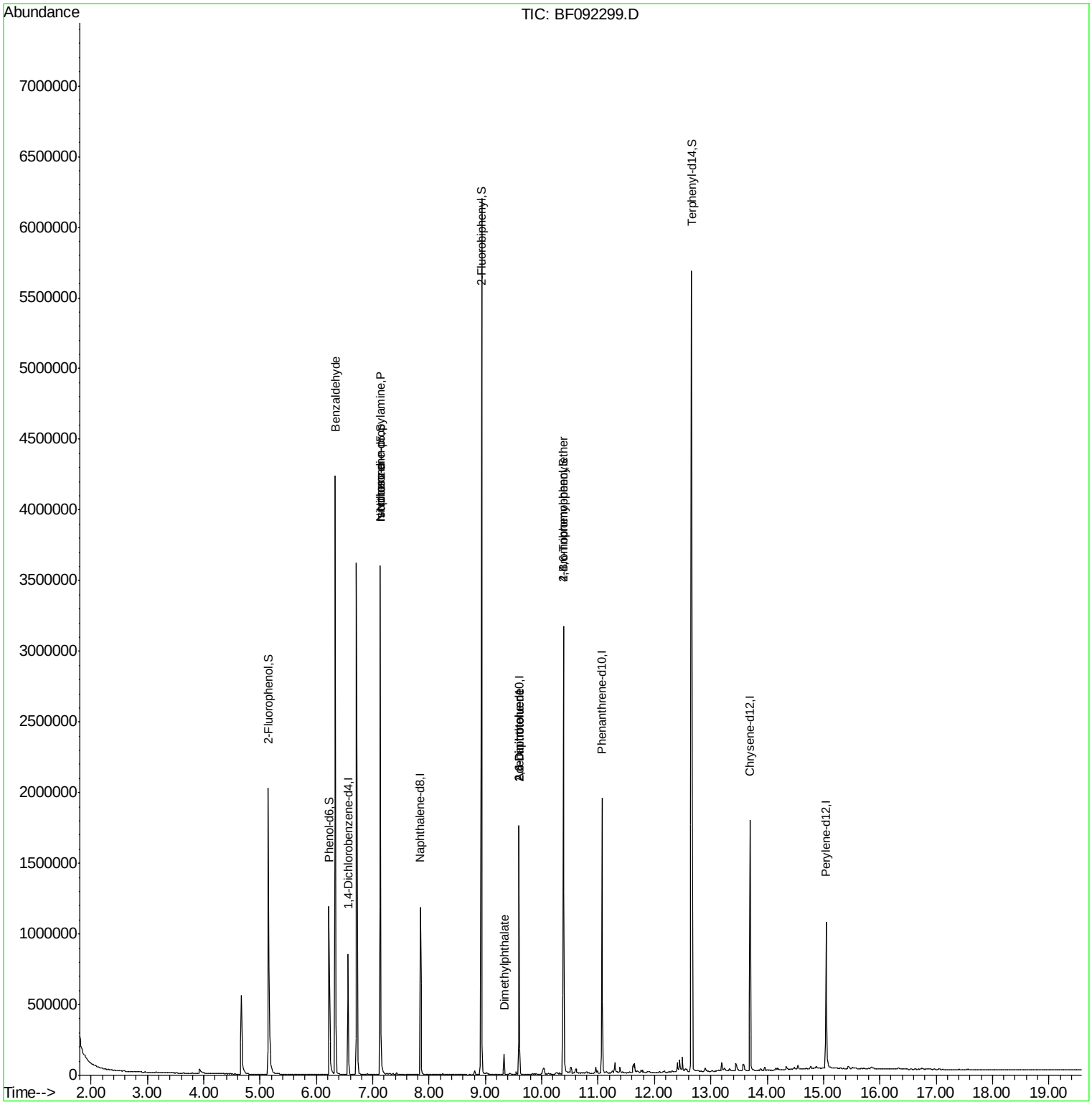
(#) = qualifier out of range (m) = manual integration (+) = signals summed

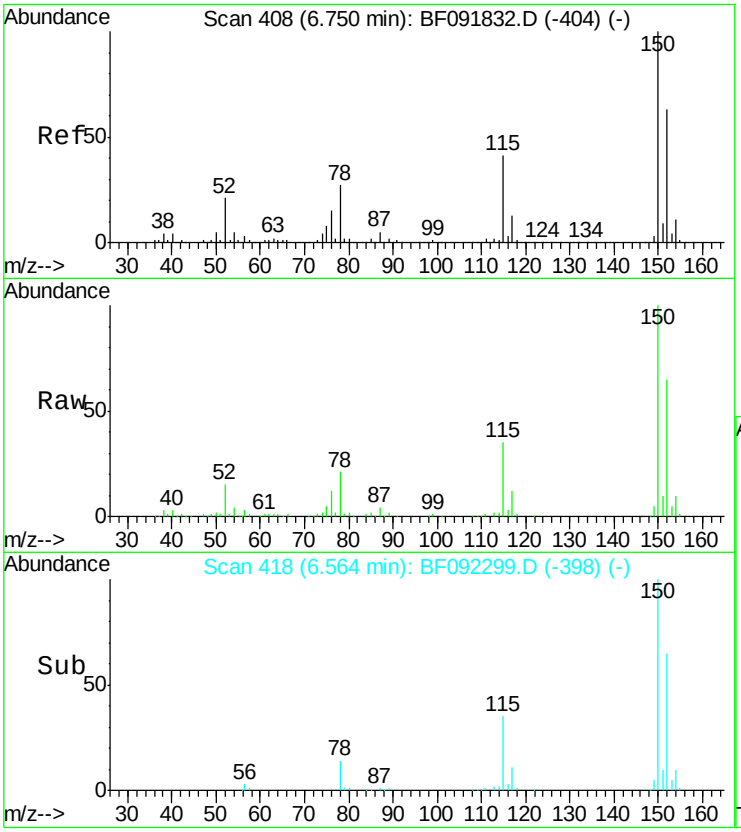
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
Data File : BF092299.D
Acq On : 16 Jan 2017 21:53
Operator : UM/SJ
Sample : I1197-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-22

Quant Time: Jan 17 00:46:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration



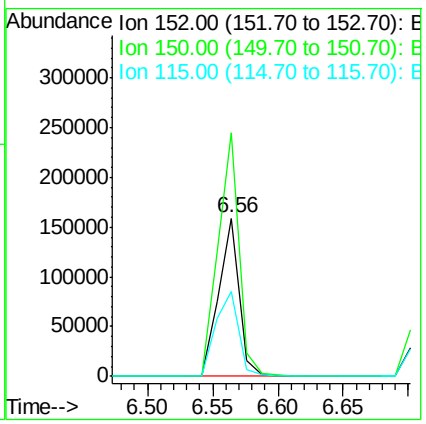


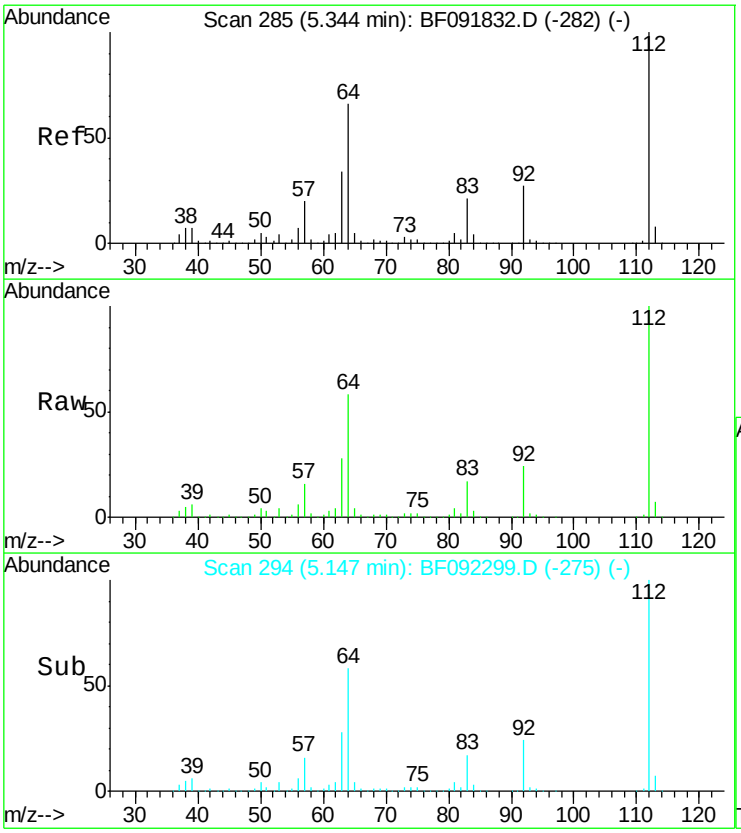
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 418
Delta R.T. -0.08 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:152 Resp: 173676

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.9	187.3
115	54.0	46.0	69.0

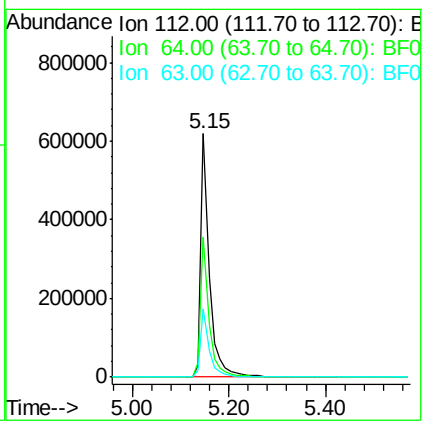


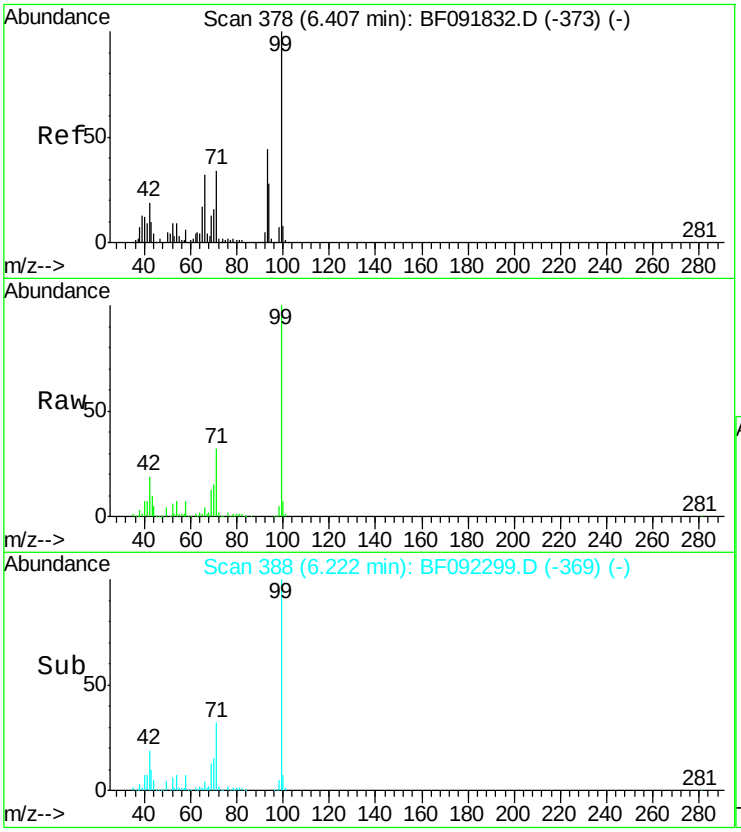


#5
2-Fluorophenol
Concen: 73.42 ng
RT: 5.15 min Scan# 294
Delta R.T. -0.09 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Tgt Ion:112 Resp: 763671

Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.1	69.1
63	28.0	23.8	35.6



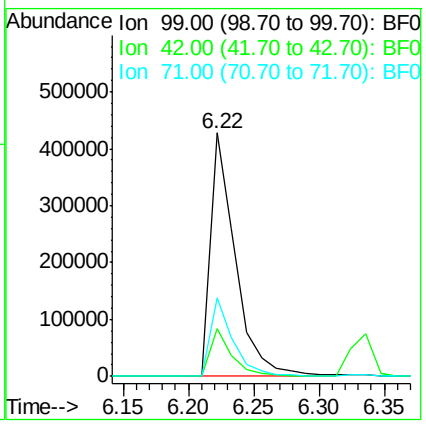


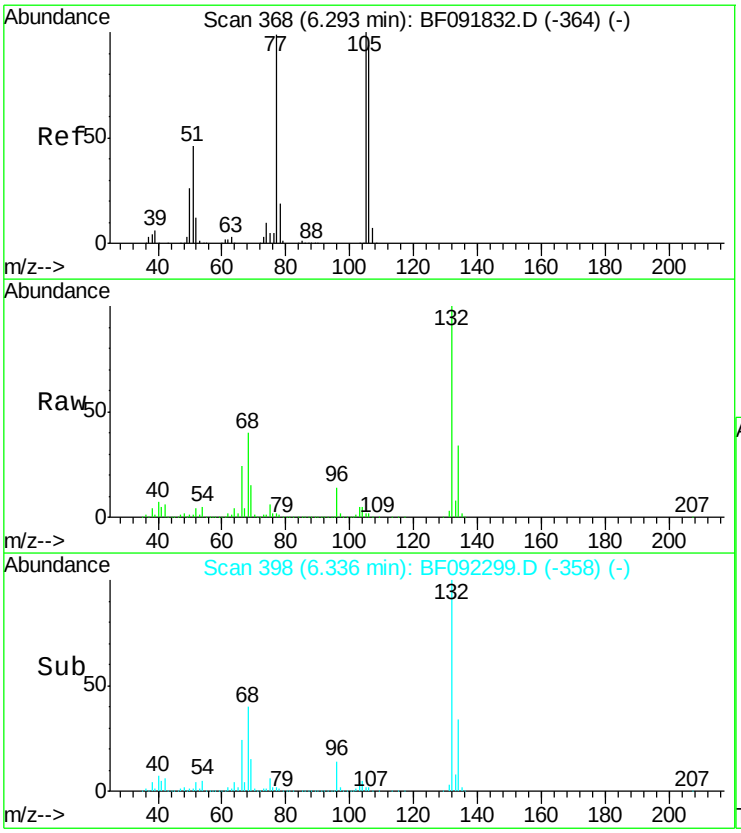
#7
Phenol-d6
Concen: 44.92 ng
RT: 6.22 min Scan# 388
Delta R.T. -0.09 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion: 99 Resp: 570496

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.6	23.4
71	32.3	27.5	41.3

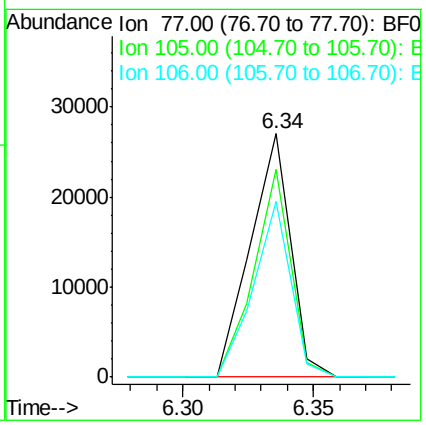


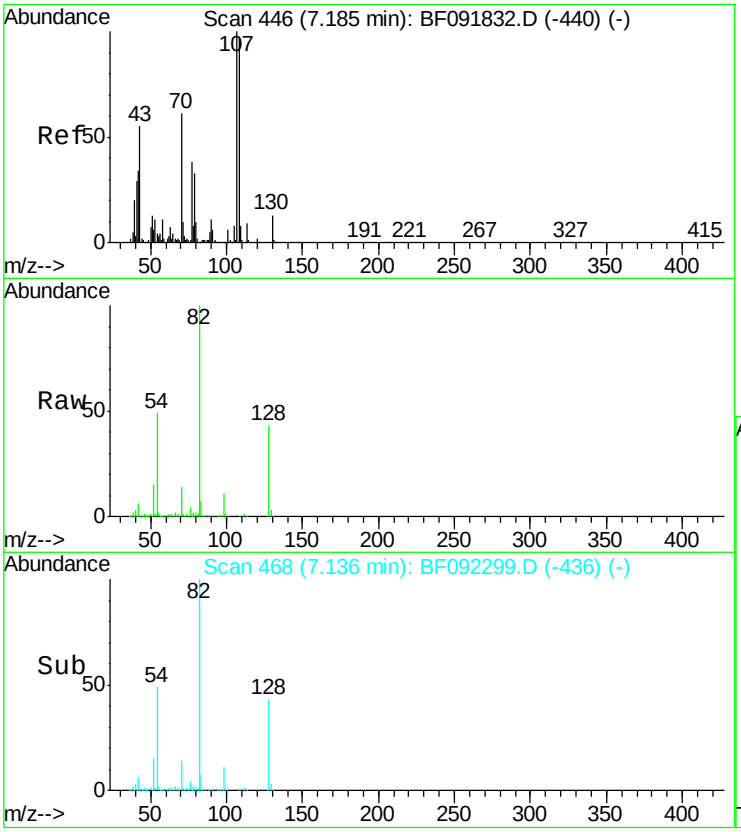


#9
Benzaldehyde
Concen: 2.81 ng
RT: 6.34 min Scan# 398
Delta R.T. 0.15 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Tgt Ion: 77 Resp: 28783

Ion	Ratio	Lower	Upper
77	100		
105	85.6	83.9	123.9
106	72.3	77.6	117.6#



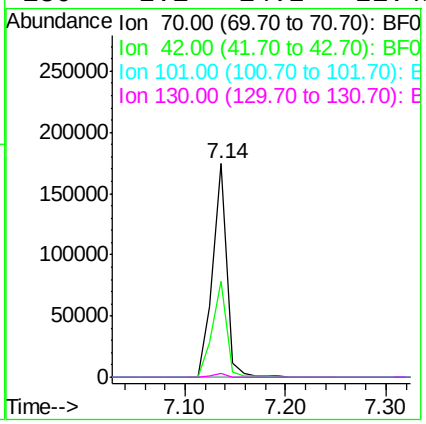


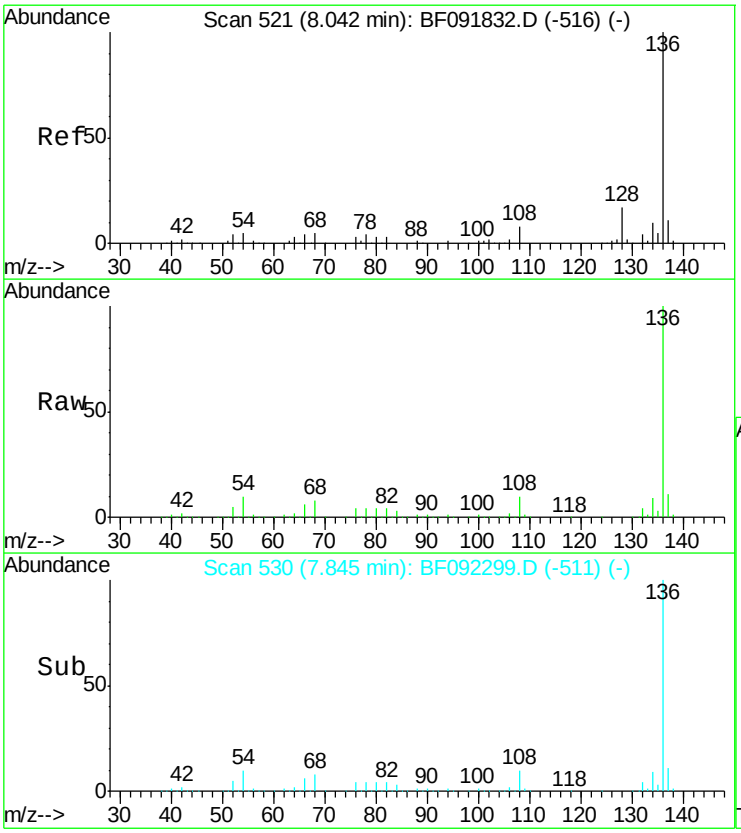
#19
n-Nitroso-di-n-propylamine
Concen: 20.47 ng
RT: 7.14 min Scan# 468
Delta R.T. 0.06 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion: 70 Resp: 172924

Ion	Ratio	Lower	Upper
70	100		
42	45.1	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

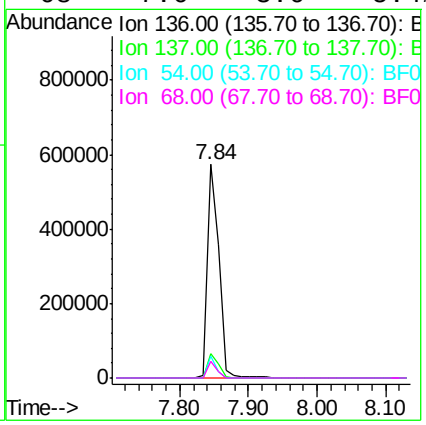


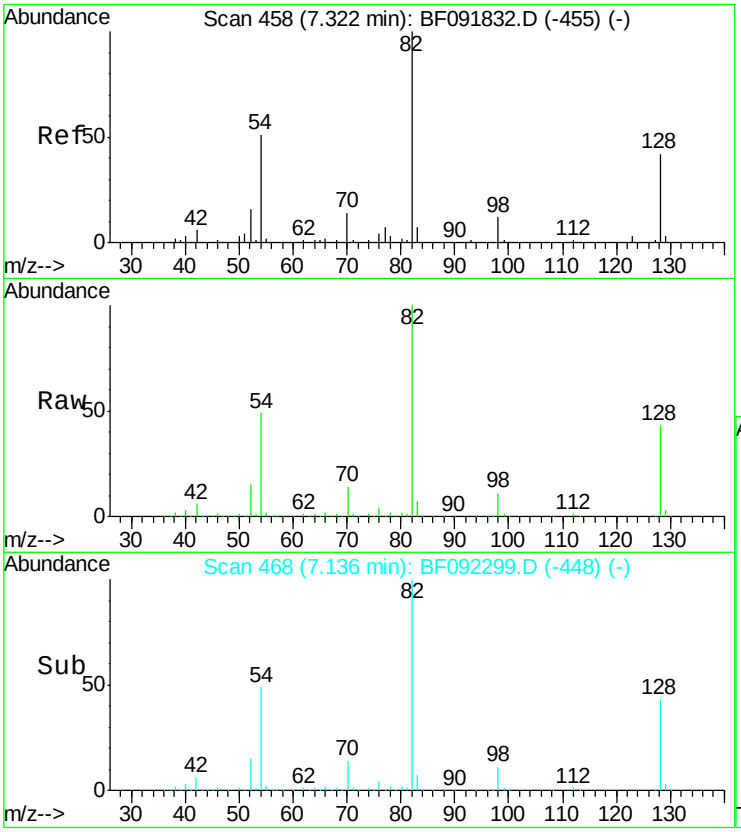


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Tgt Ion:136 Resp: 675592

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.0	4.5	6.7#
68	7.6	3.6	5.4#



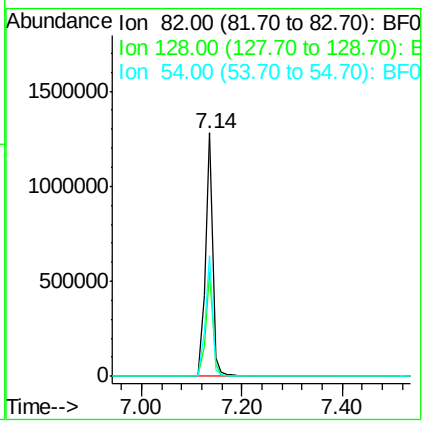


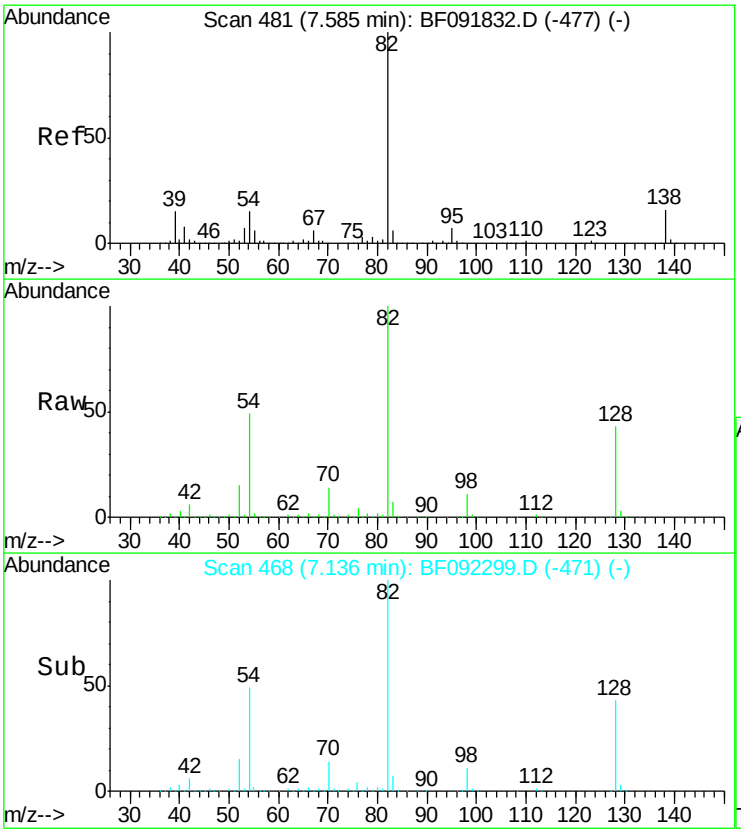
#23
Nitrobenzene-d5
Concen: 105.91 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion: 82 Resp: 1286779

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	49.4	39.5	59.3

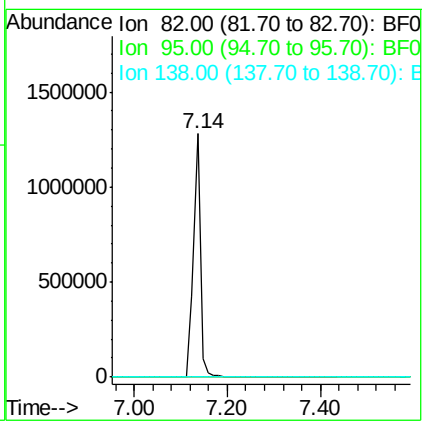


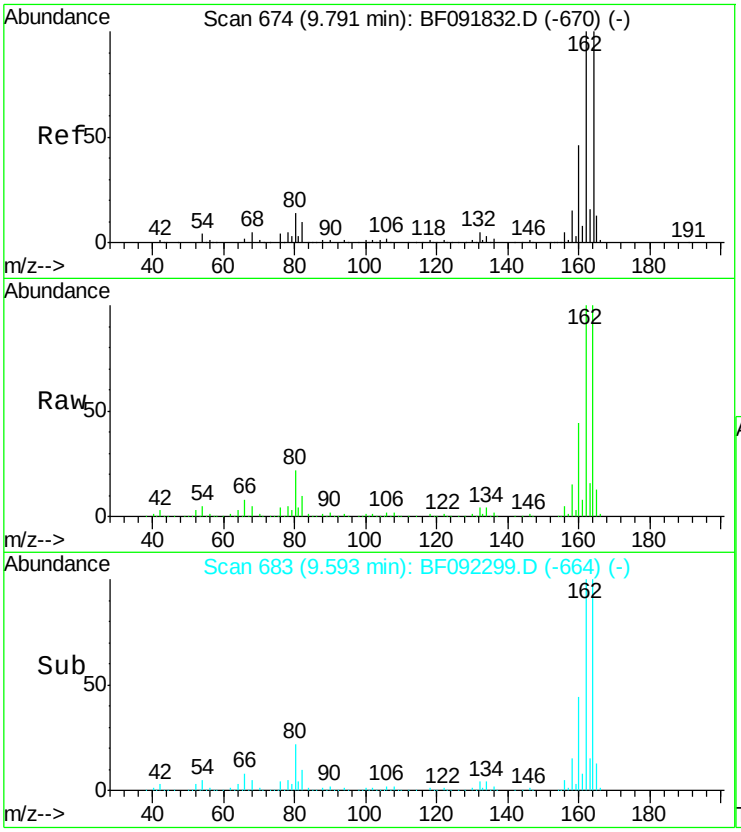


#25
Isophorone
Concen: 57.40 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.34 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Tgt Ion: 82 Resp: 1286574

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



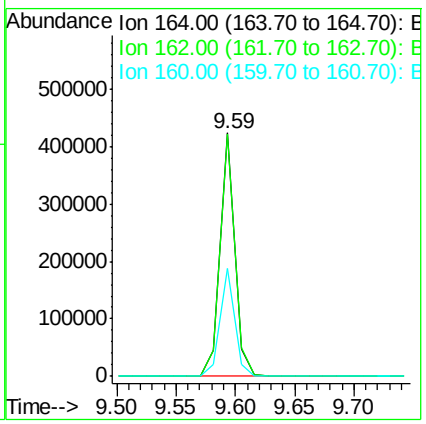


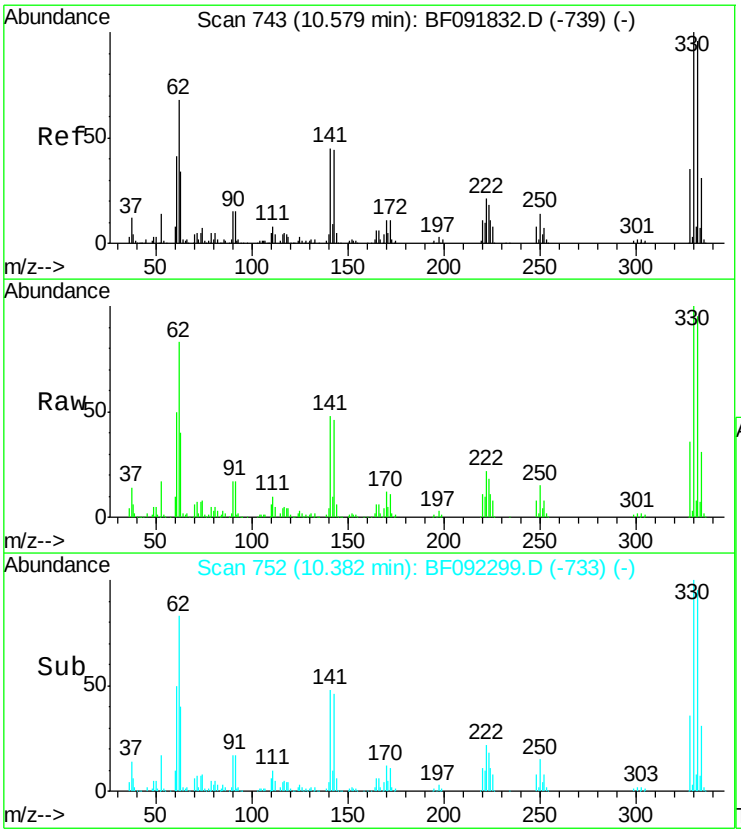
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.09 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:164 Resp: 357656

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.2
160	44.4	36.9	55.3

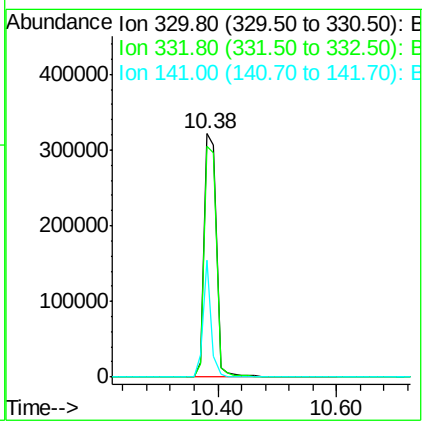


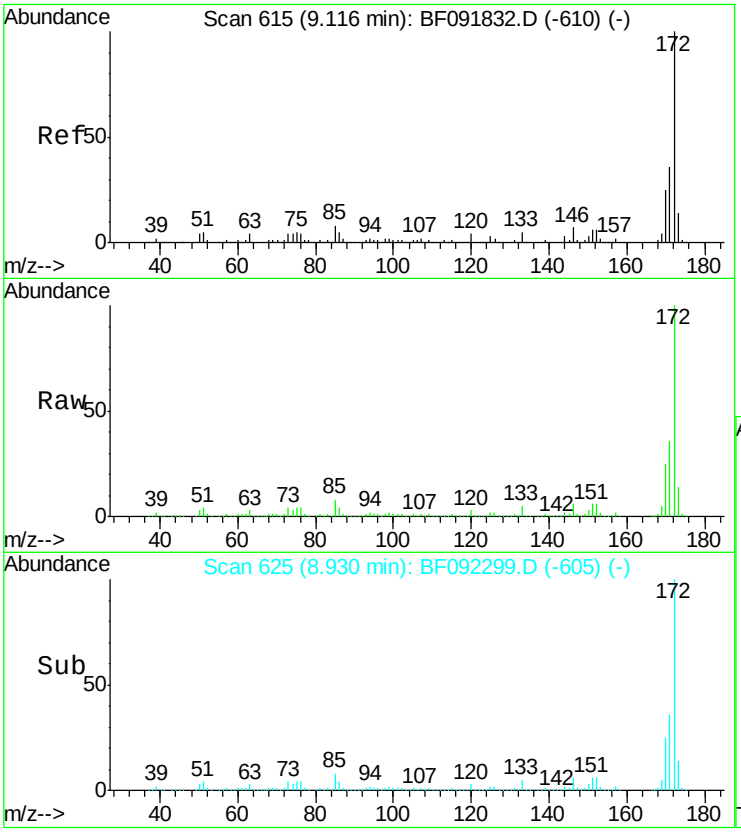


#41
2,4,6-Tribromophenol
Concen: 157.88 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.09 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Tgt Ion:330 Resp: 467297

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	32.4	34.1	51.1#



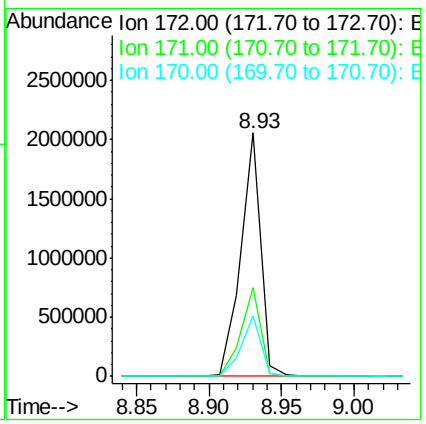


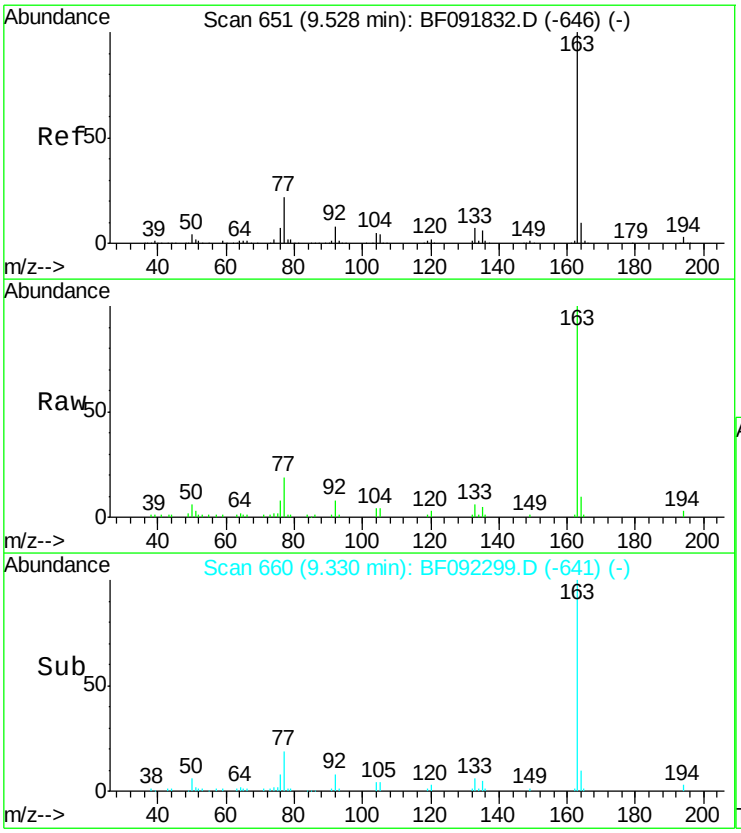
#44
2-Fluorobiphenyl
Concen: 117.68 ng
RT: 8.93 min Scan# 625
Delta R.T. -0.08 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:172 Resp: 1967655

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.9	20.2	30.4

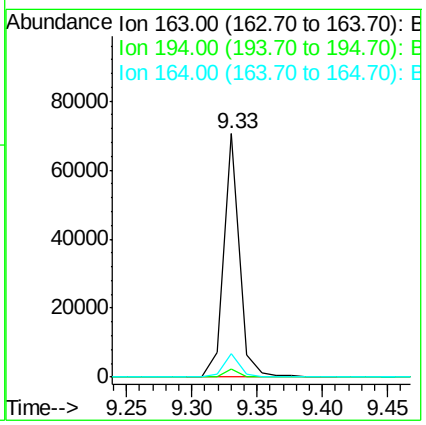


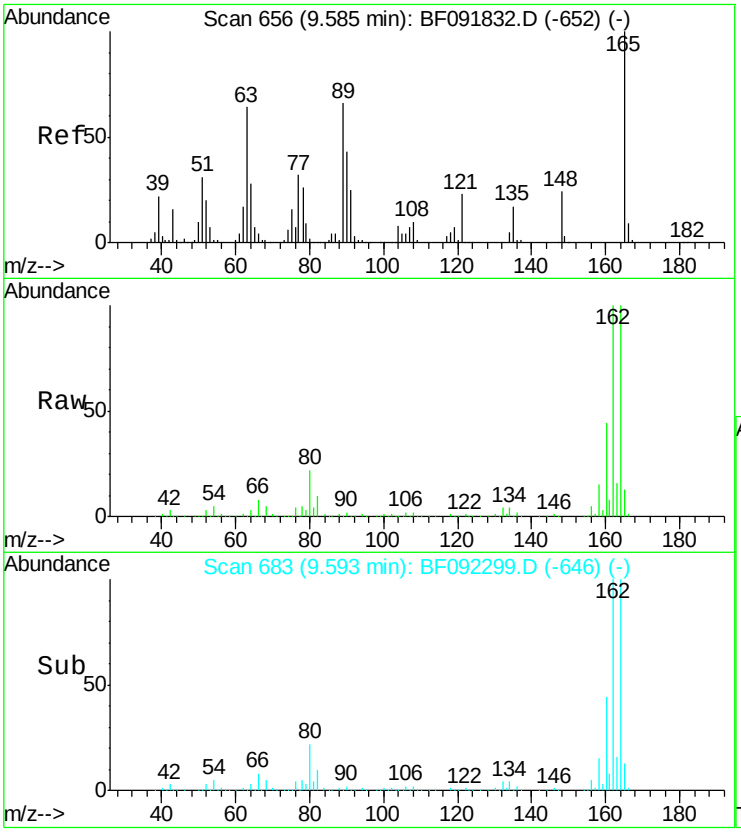


#49
Dimethylphthalate
Concen: 2.60 ng
RT: 9.33 min Scan# 660
Delta R.T. -0.09 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Tgt Ion:163 Resp: 59435

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	9.6	8.0	12.0



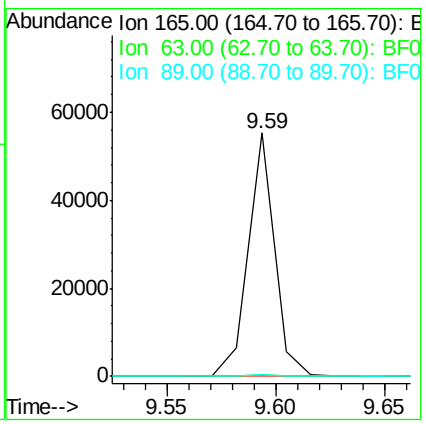


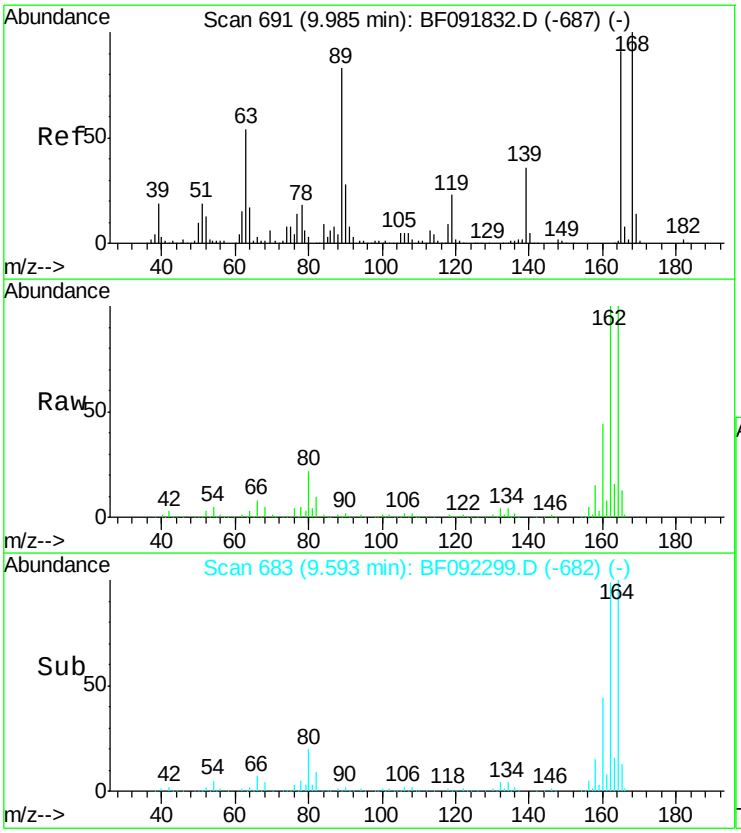
#50
2,6-Dinitrotoluene
Concen: 9.30 ng
RT: 9.59 min Scan# 683
Delta R.T. 0.12 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:165 Resp: 46568

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	0.7	40.2	60.4#

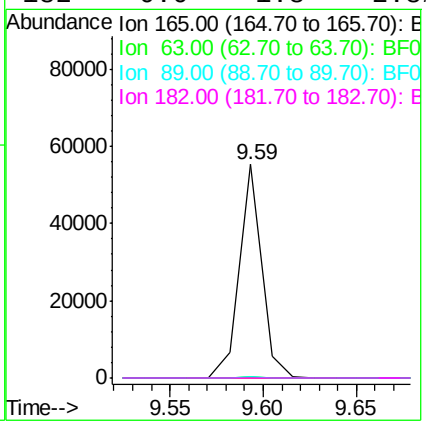


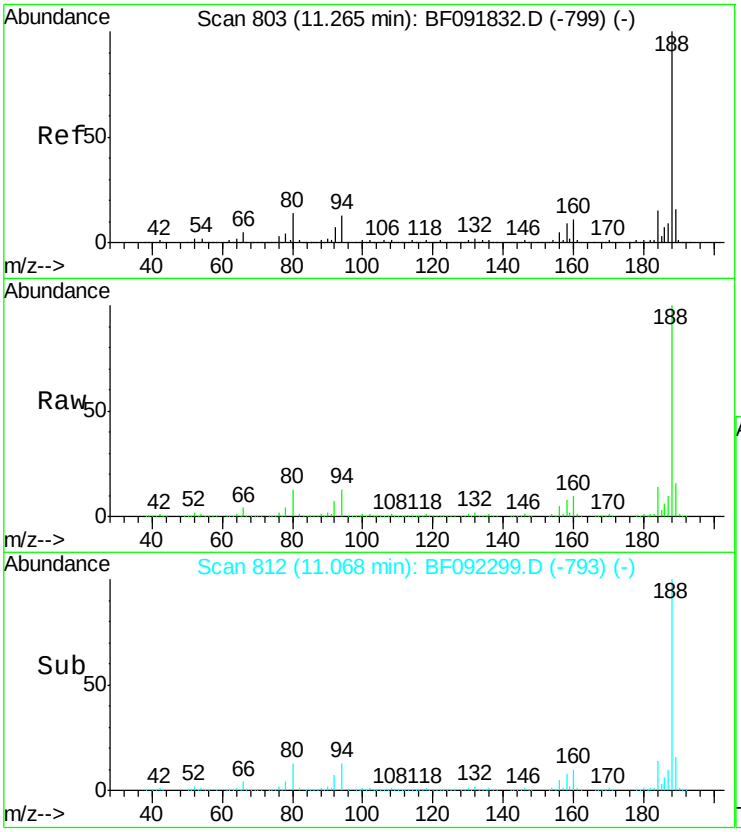


#56
2,4-Dinitrotoluene
Concen: 7.41 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.29 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Tgt Ion:165 Resp: 46571

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.7	62.5	93.7#
182	0.0	1.8	2.8#



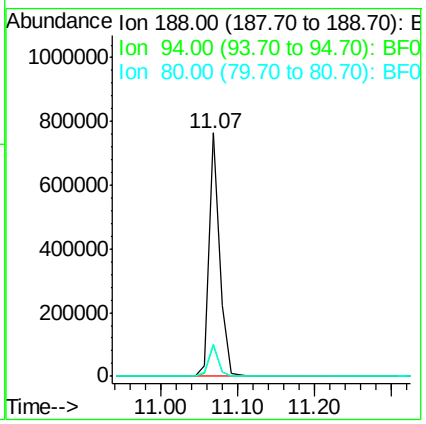


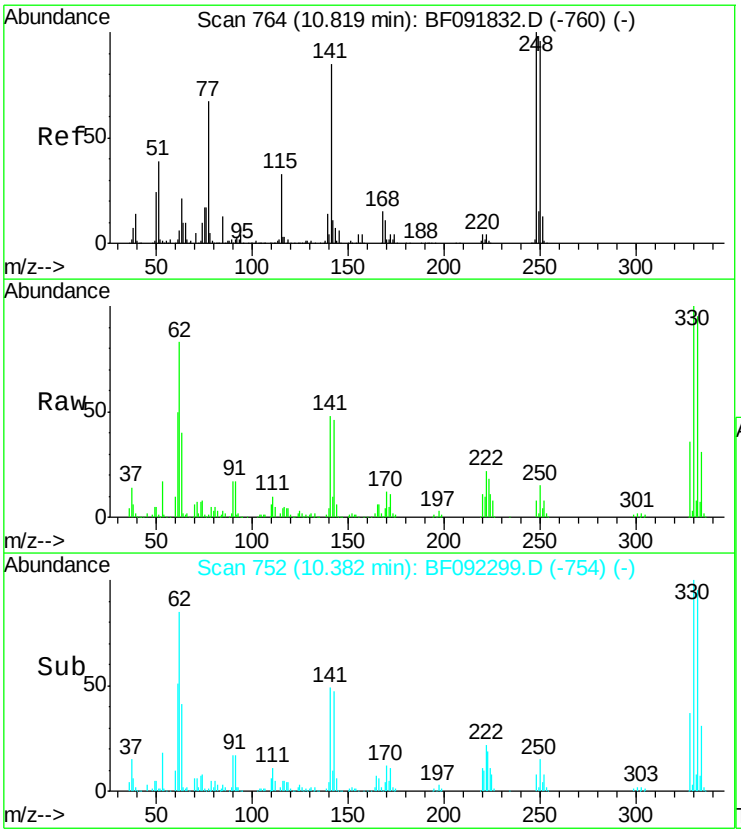
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.09 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:188 Resp: 715500

Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.0	15.0
80	13.4	11.2	16.8

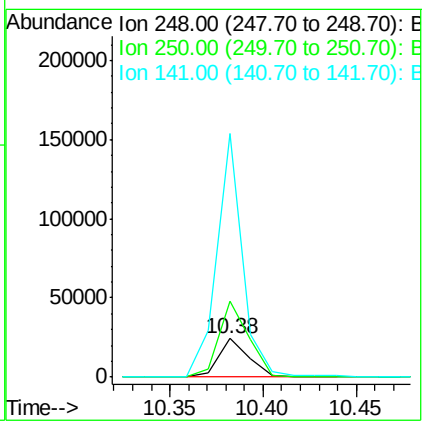


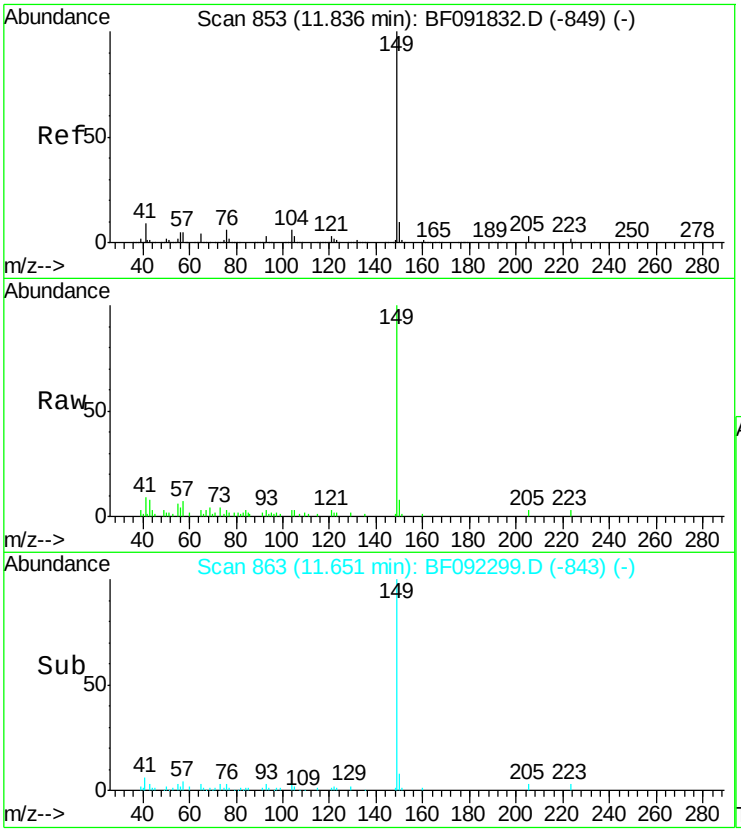


#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.33 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Tgt Ion:248 Resp: 27043

Ion	Ratio	Lower	Upper
248	100		
250	198.8	76.9	115.3#
141	635.1	68.2	102.4#



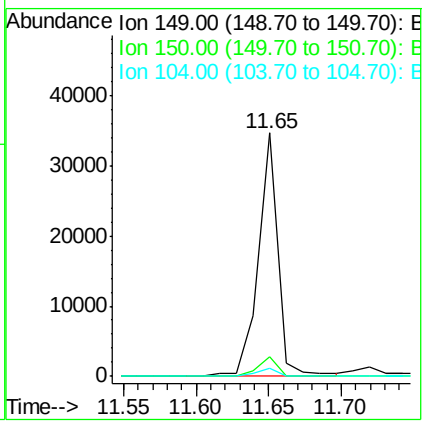


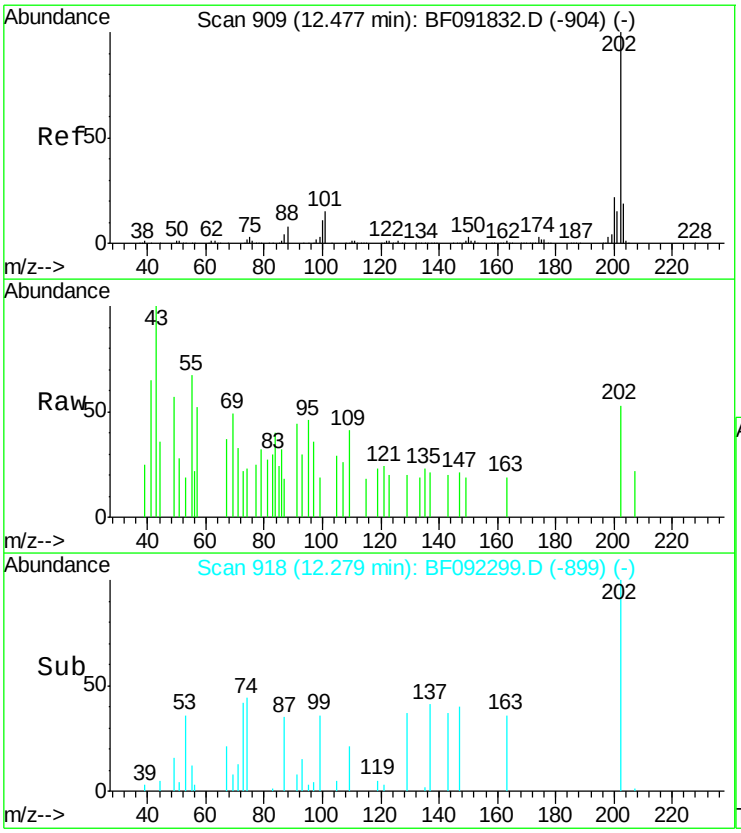
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.65 min Scan# 863
Delta R.T. -0.08 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:149 Resp: 32541

Ion	Ratio	Lower	Upper
149	100		
150	7.8	8.1	12.1#
104	3.5	4.6	7.0#

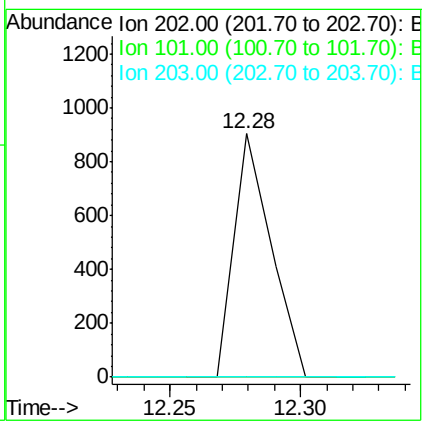


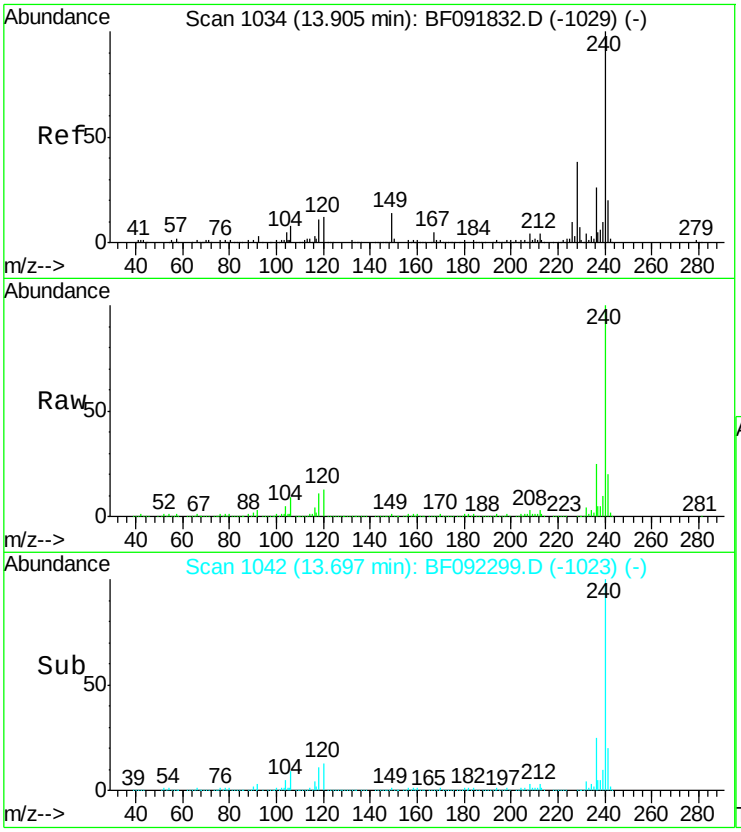


#74
Fluoranthene
Concen: Below Cal
RT: 12.28 min Scan# 918
Delta R.T. -0.09 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Tgt Ion:202 Resp: 903

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7



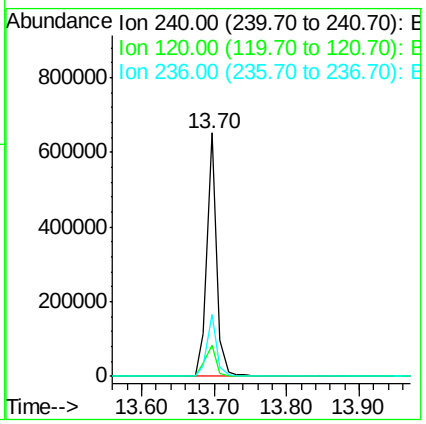


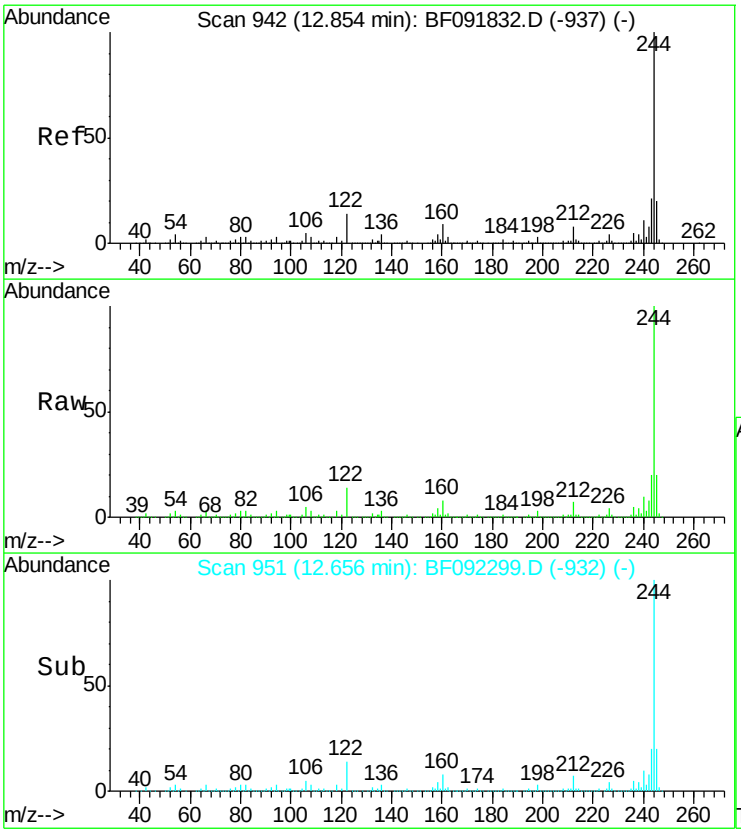
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.09 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:240 Resp: 610991

Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.9	19.3#
236	25.4	20.9	31.3

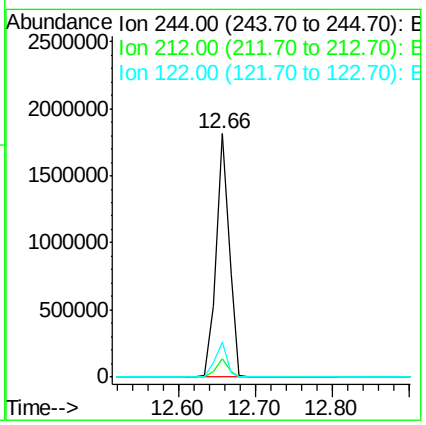


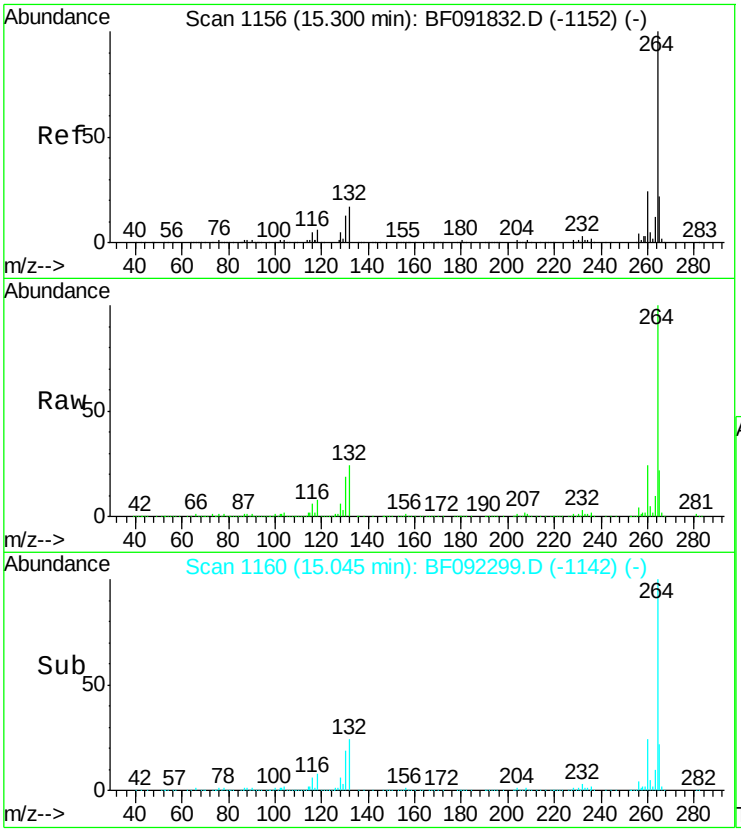


#78
Terphenyl-d14
Concen: 85.83 ng
RT: 12.66 min Scan# 951
Delta R.T. -0.09 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Tgt Ion:244 Resp: 2162175

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	14.5	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092299.D
Acq: 16 Jan 2017 21:53

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:264 Resp: 449245

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	17.4	26.0