Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
Data File : BF092091.D
Acq On : 5 Jan 2017 2:00
Operator : UM/SJ
Sample : I1004-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Time: Jan 05 02:26:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 05 00:16:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	234114	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	943572	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	472837	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	753481	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	705147	20.00	ng	-0.01
86) Perylene-d12	15.18	264	598063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	938742	66.95	ng	0.01
7) Phenol-d6	6.32	99	738281	43.13	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1791685	105.59	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	580398	148.32	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2603948	117.82	ng	0.00
78) Terphenyl-d14	12.77	244	2513492	86.45	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.32	77	2040	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.24	70	239112	21.00	ng	# 73
25) Isophorone	7.24	82	1662649	53.11	ng	# 65
37) 2-Methylnaphthalene	8.76	142	878	Below Cal	#	86
50) 2,6-Dinitrotoluene	9.69	165	63985	9.67	ng	# 30
56) 2,4-Dinitrotoluene	9.69	165	63985	7.70	ng	# 19
66) 4-Bromophenyl-phenylether	10.48	248	33616	4.29	ng	# 1
71) Anthracene	11.25	178	1072	Below Cal	#	53
73) Di-n-butylphthalate	11.75	149	18307	Below Cal	#	96
74) Fluoranthene	12.38	202	1448	Below Cal		74

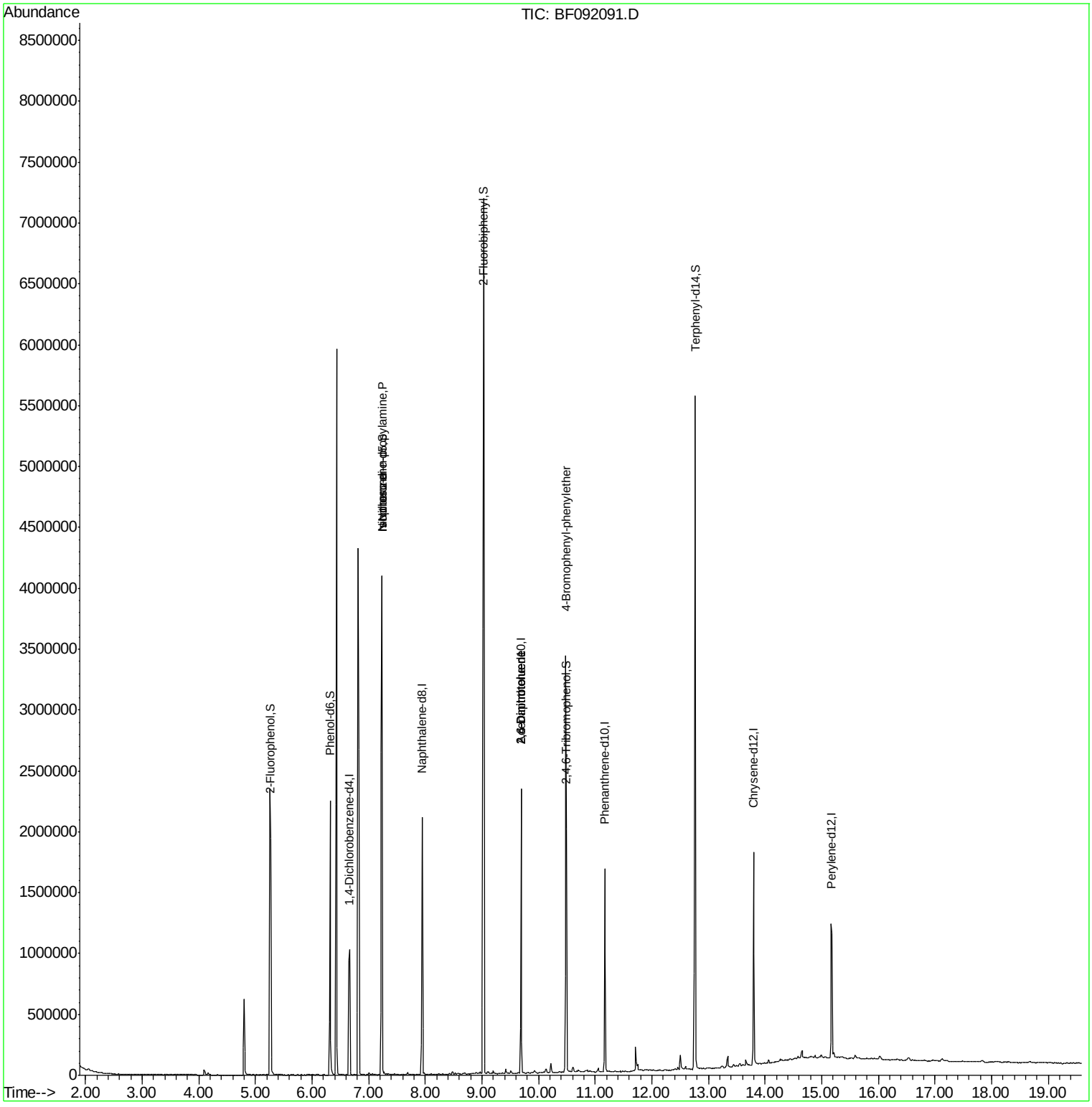
(#) = qualifier out of range (m) = manual integration (+) = signals summed

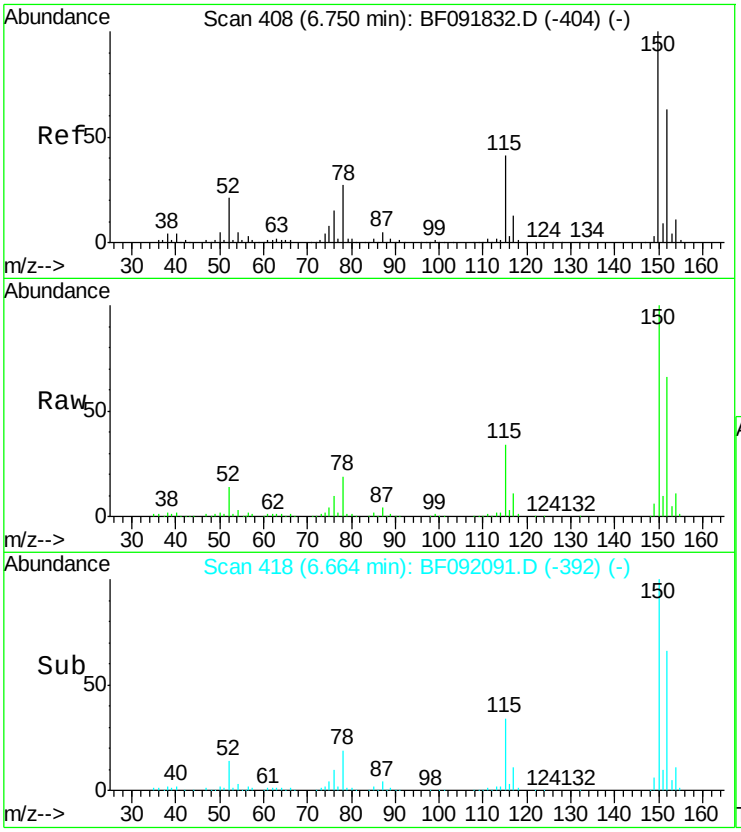
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
Data File : BF092091.D
Acq On : 5 Jan 2017 2:00
Operator : UM/SJ
Sample : I1004-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-20

Quant Time: Jan 05 02:26:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 05 00:16:49 2017
Response via : Initial Calibration



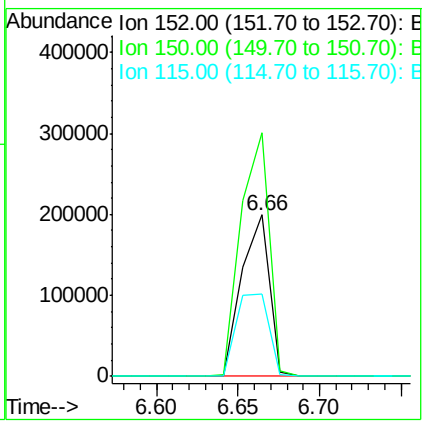


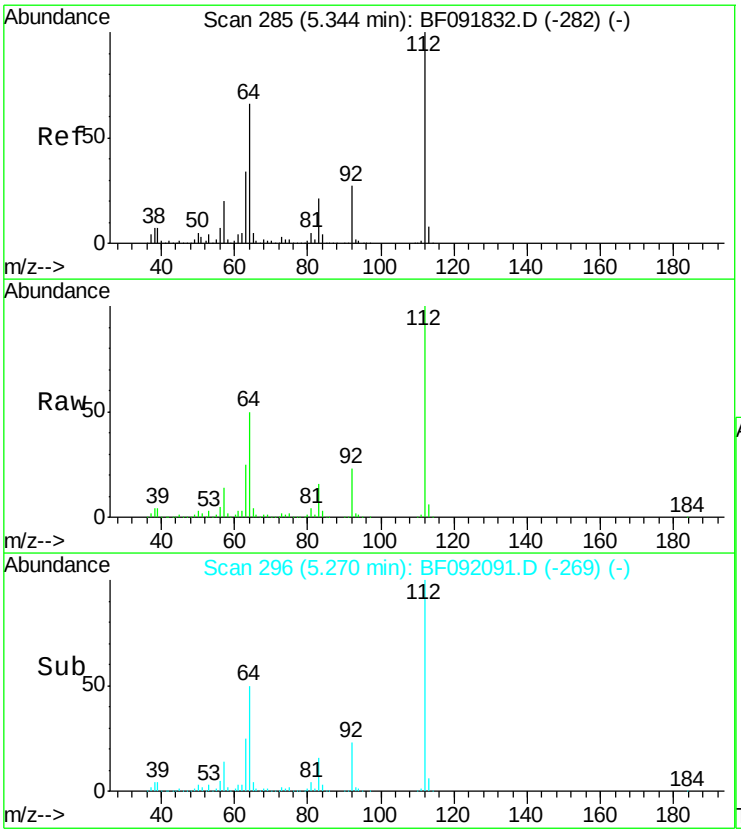
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:152 Resp: 234114

Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.9	187.3
115	51.3	46.0	69.0

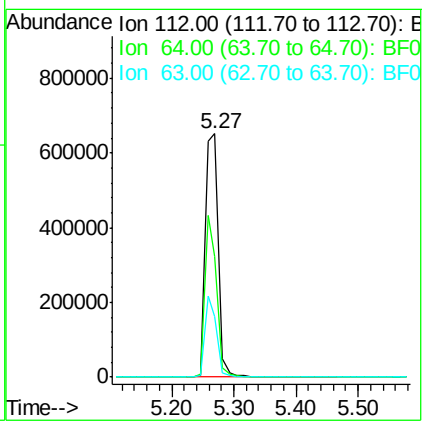


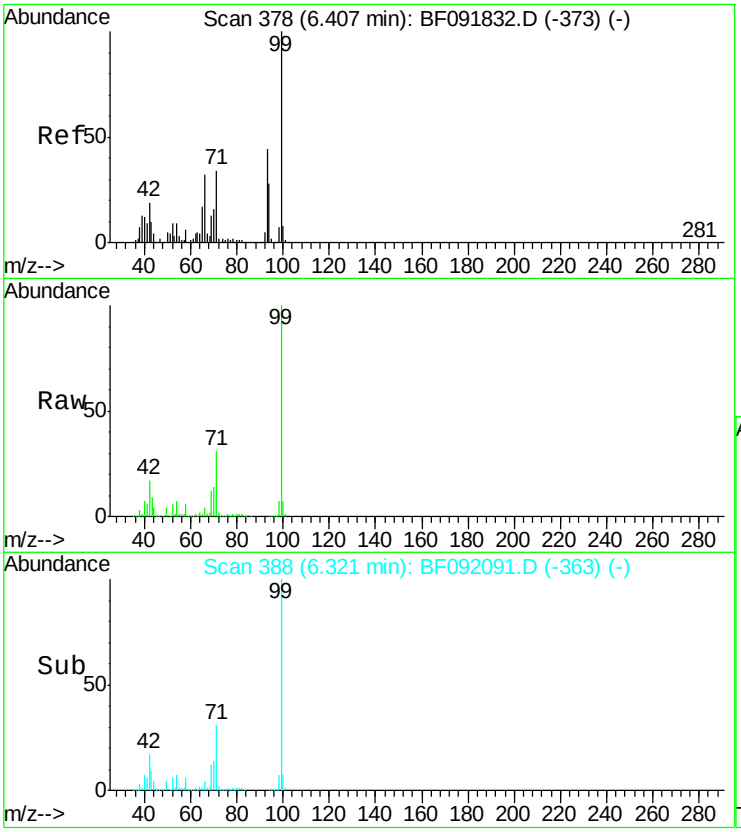


#5
2-Fluorophenol
Concen: 66.95 ng
RT: 5.27 min Scan# 296
Delta R.T. 0.01 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Tgt Ion:112 Resp: 938742

Ion	Ratio	Lower	Upper
112	100		
64	49.6	46.1	69.1
63	24.7	23.8	35.6



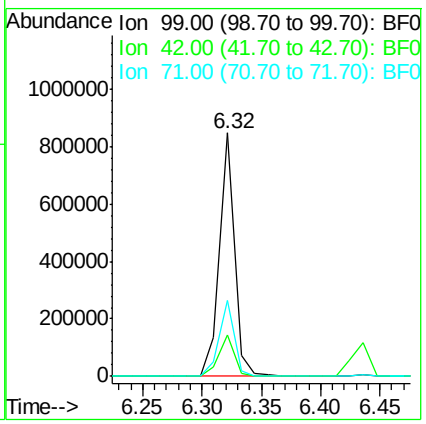


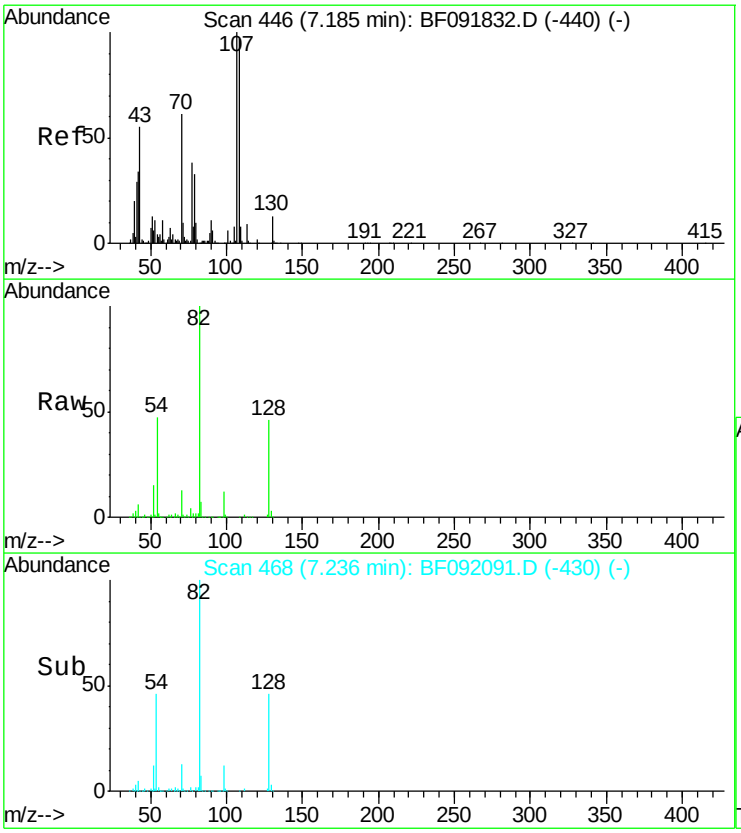
#7
Phenol-d6
Concen: 43.13 ng
RT: 6.32 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 99 Resp: 738281

Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.6	23.4
71	31.0	27.5	41.3

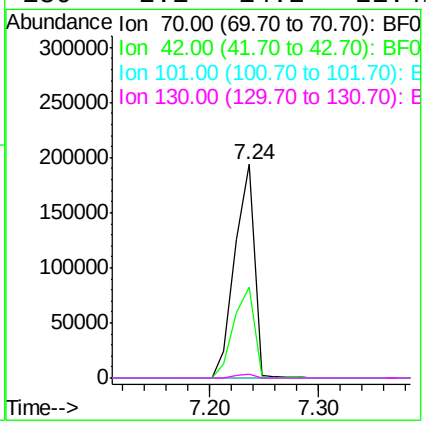


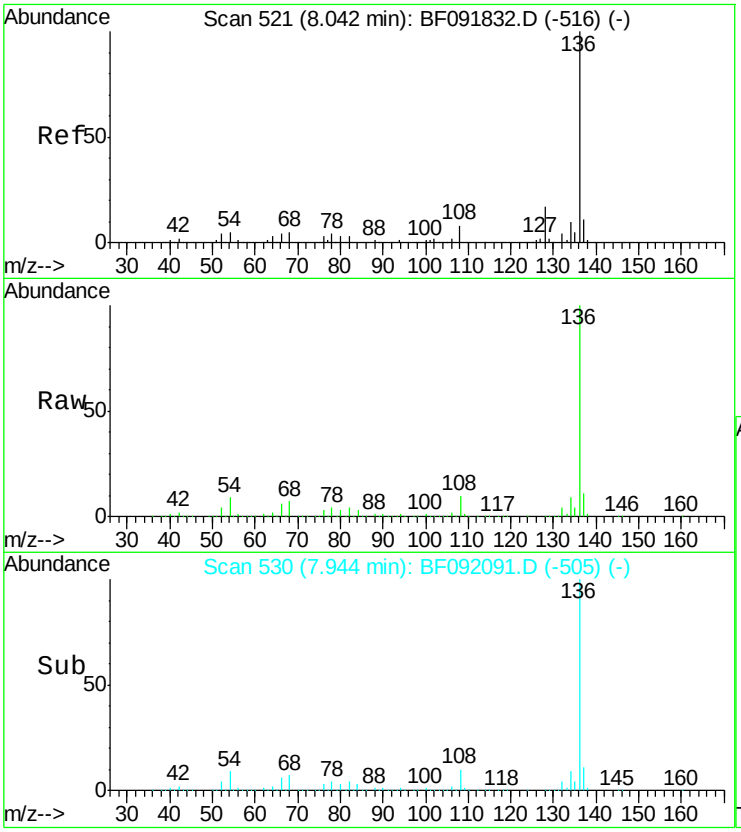


#19
n-Nitroso-di-n-propylamine
Concen: 21.00 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Tgt Ion: 70 Resp: 239112

Ion	Ratio	Lower	Upper
70	100		
42	42.7	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



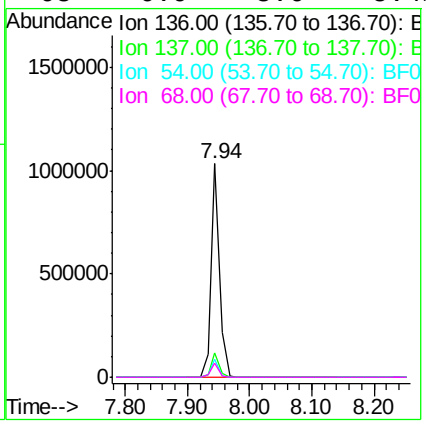


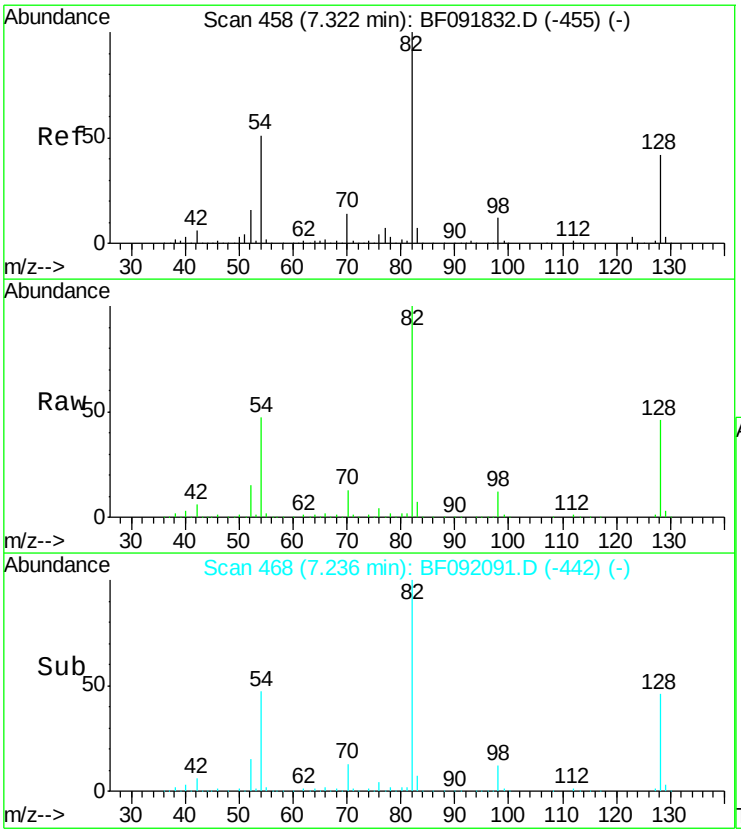
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:136 Resp: 943572

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	8.6	4.5	6.7#
68	6.9	3.6	5.4#

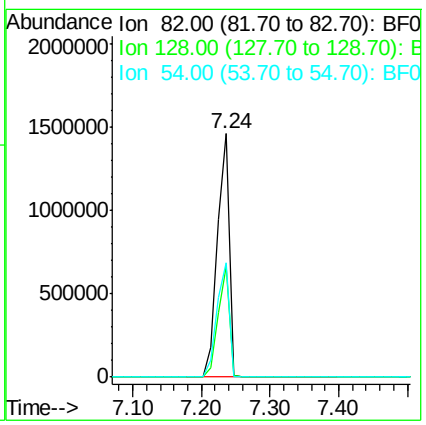


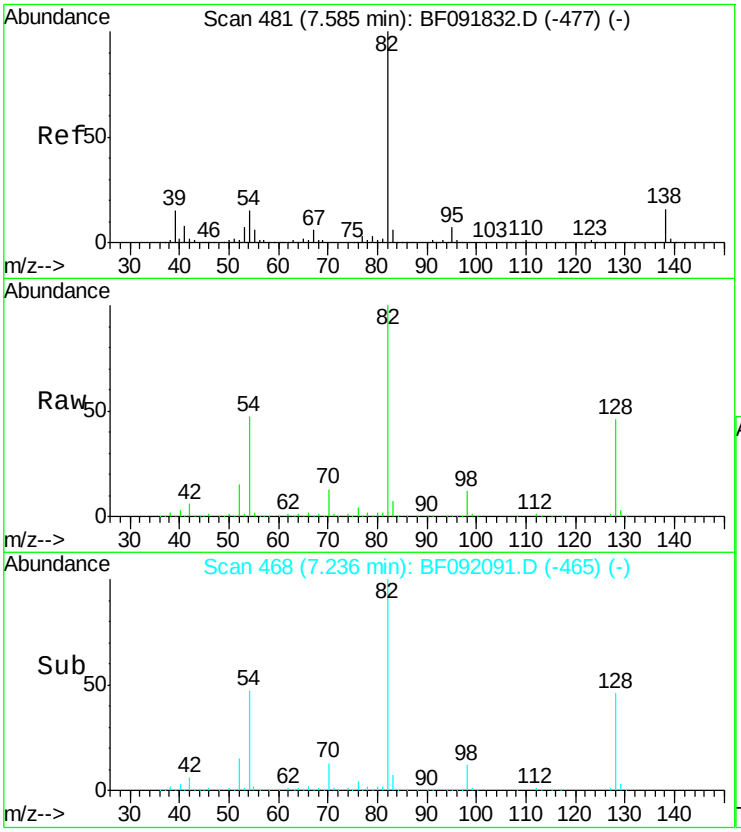


#23
Nitrobenzene-d5
Concen: 105.59 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Tgt Ion: 82 Resp: 1791685

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	52.0
54	47.2	39.5	59.3



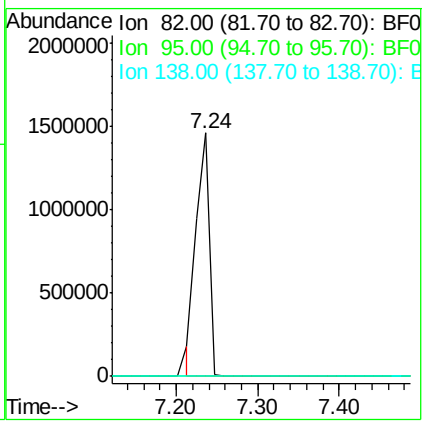


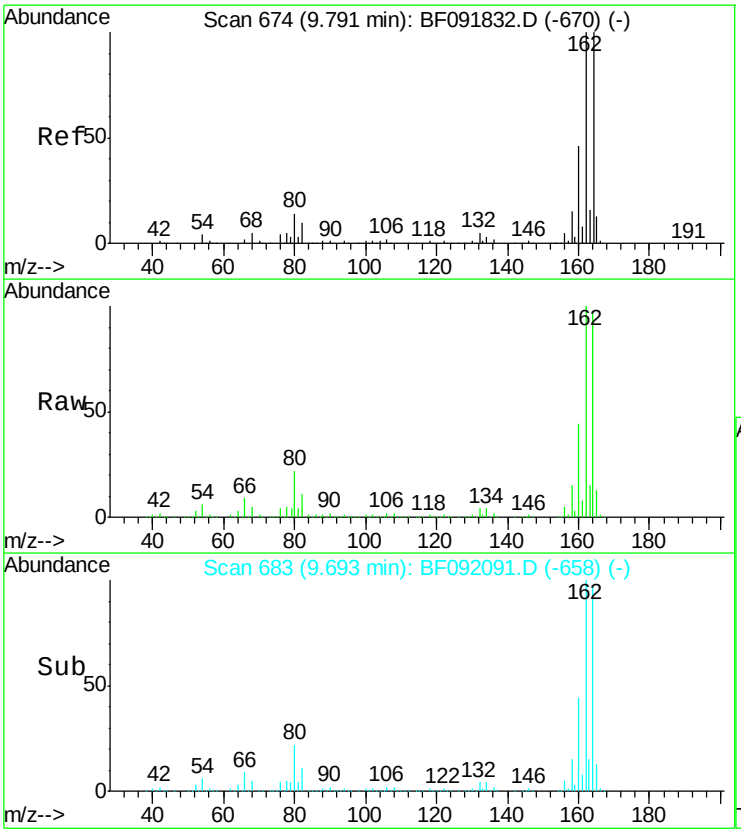
#25
Isophorone
Concen: 53.11 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.26 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 82 Resp: 1662649

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

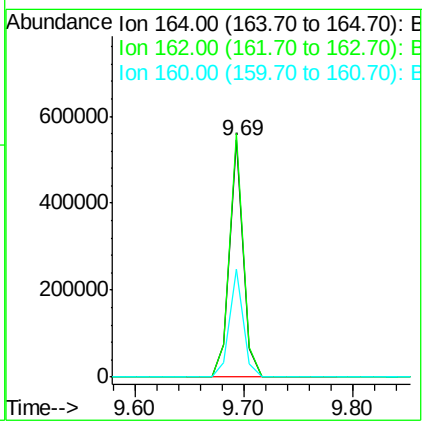


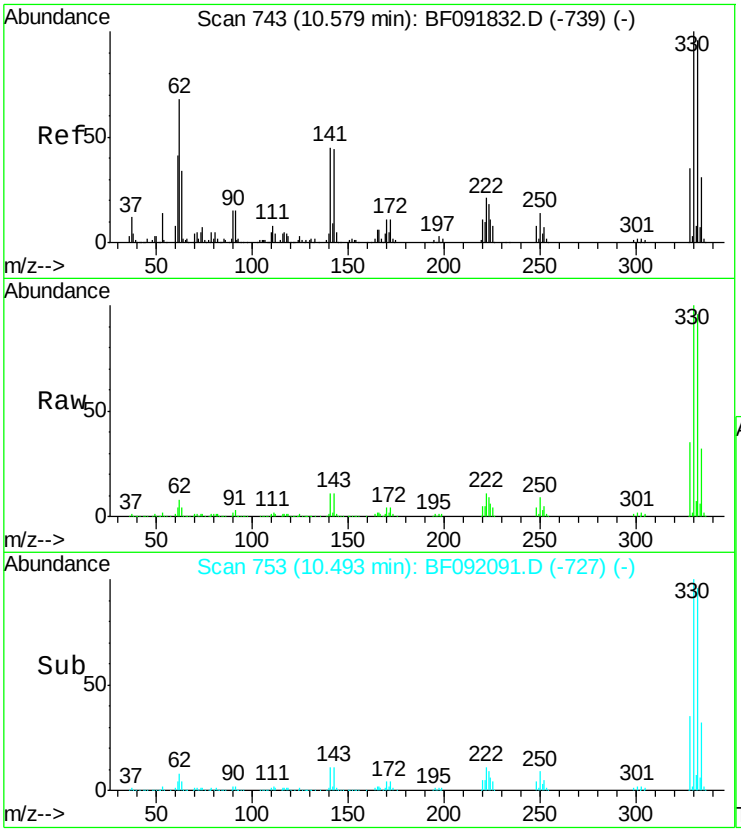


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Tgt Ion:164 Resp: 472837

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	45.7	36.9	55.3



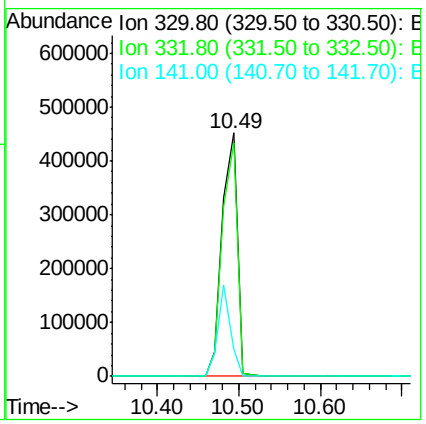


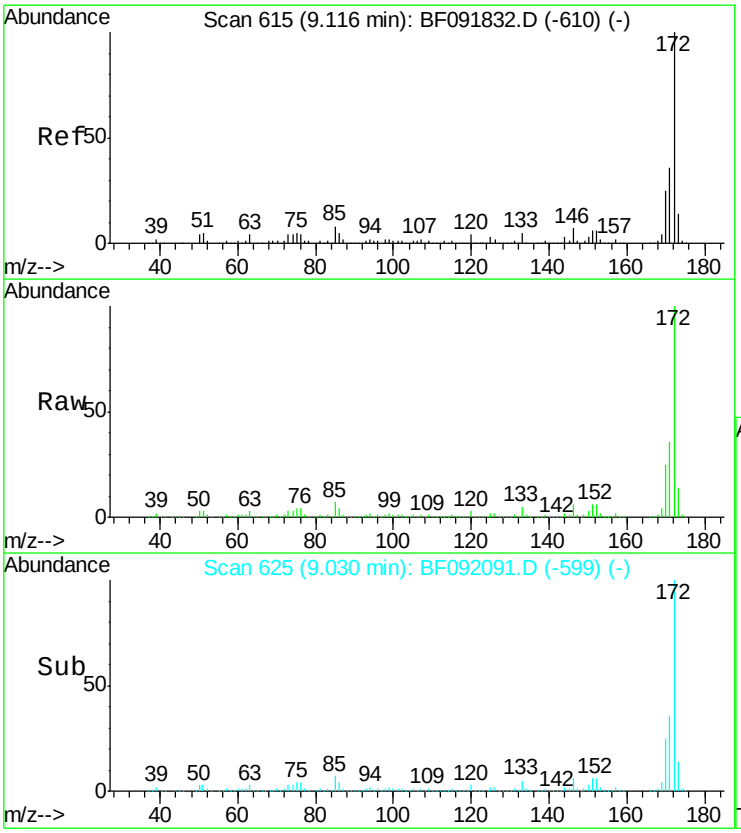
#41
2,4,6-Tribromophenol
Concen: 148.32 ng
RT: 10.49 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:330 Resp: 580398

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	31.8	34.1	51.1#

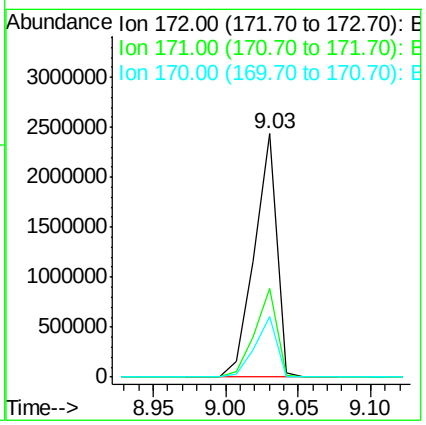


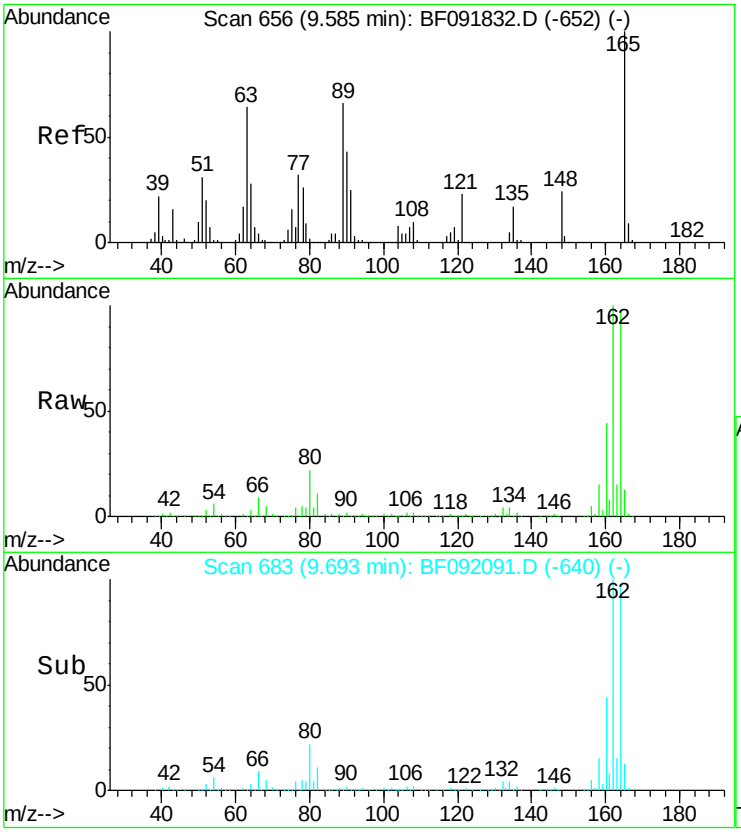


#44
2-Fluorobiphenyl
Concen: 117.82 ng
RT: 9.03 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Tgt Ion:172 Resp: 2603948

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	25.0	20.2	30.4



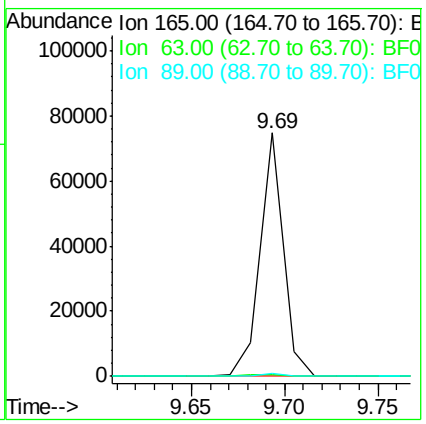


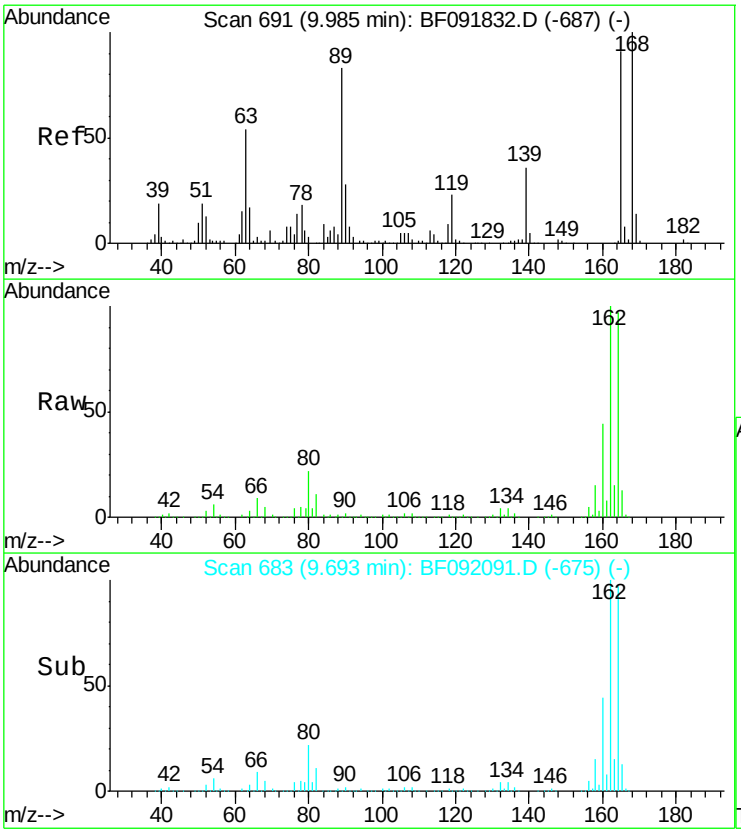
#50
2,6-Dinitrotoluene
Concen: 9.67 ng
RT: 9.69 min Scan# 683
Delta R.T. 0.19 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:165 Resp: 63985

Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	1.0	40.2	60.4#

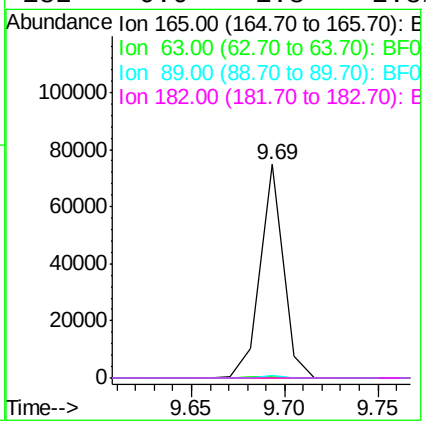


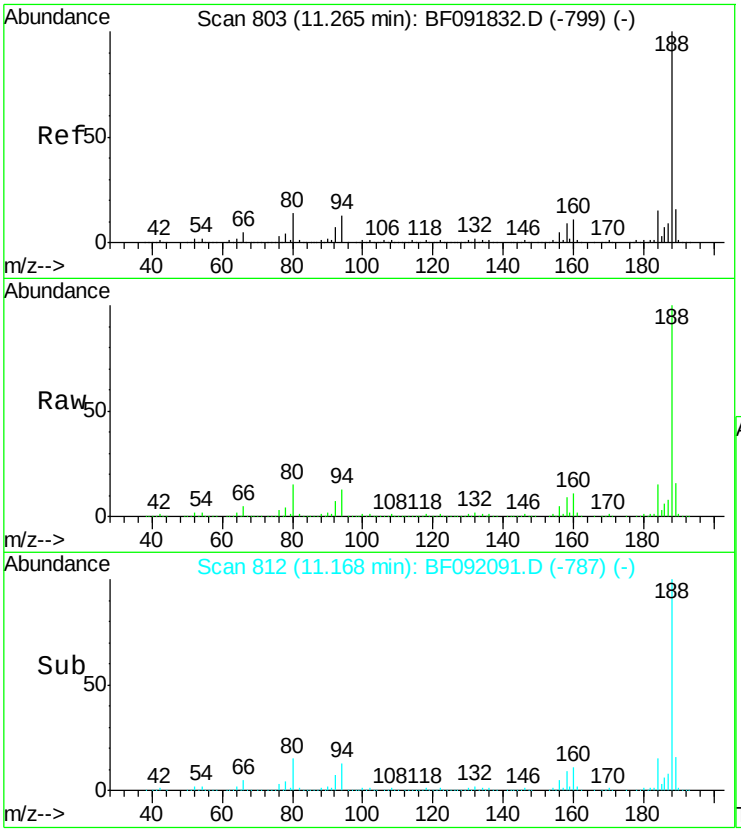


#56
2,4-Dinitrotoluene
Concen: 7.70 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.21 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Tgt Ion:165 Resp: 63985

Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



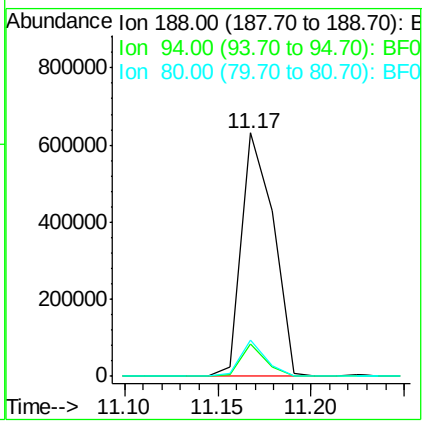


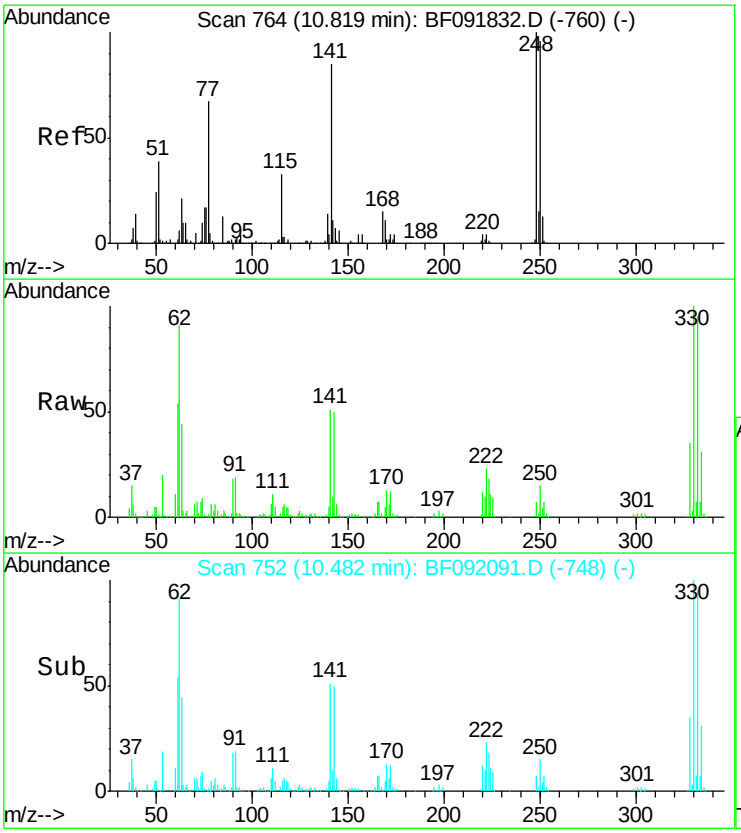
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:188 Resp: 753481

Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.0	15.0
80	14.8	11.2	16.8

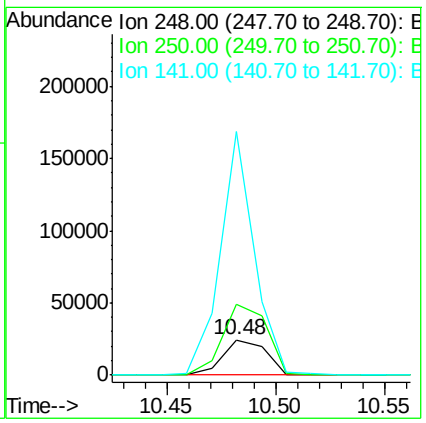


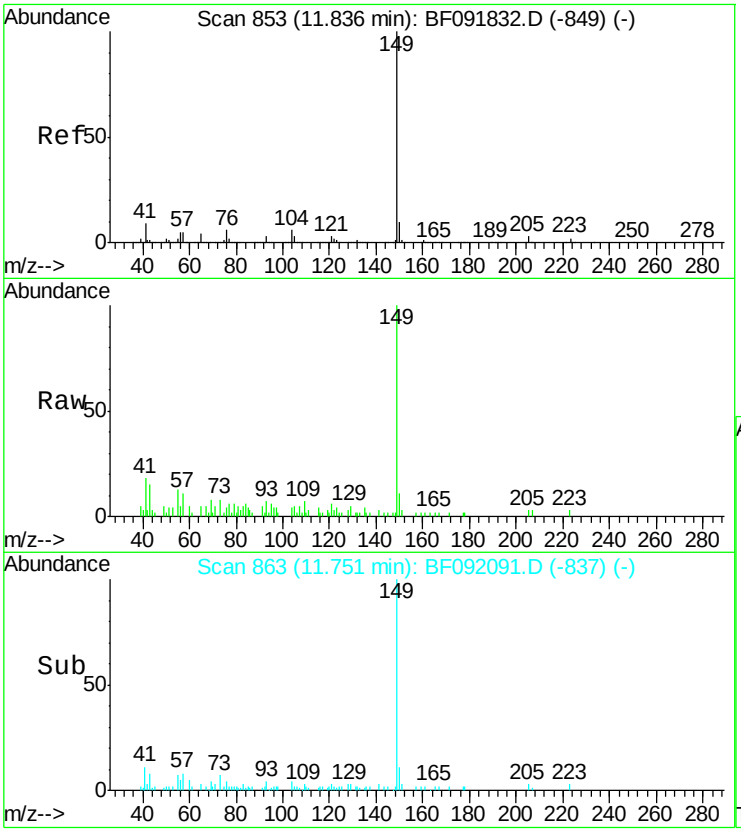


#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.25 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Tgt Ion:248 Resp: 33616

Ion	Ratio	Lower	Upper
248	100		
250	201.9	76.9	115.3#
141	691.1	68.2	102.4#



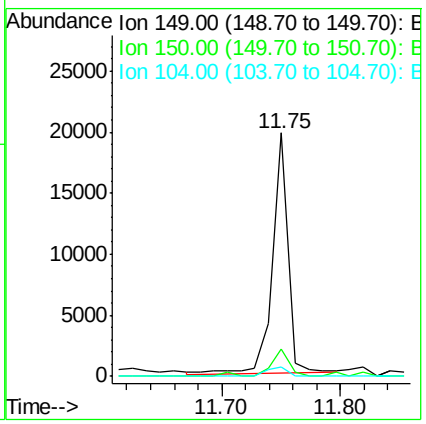


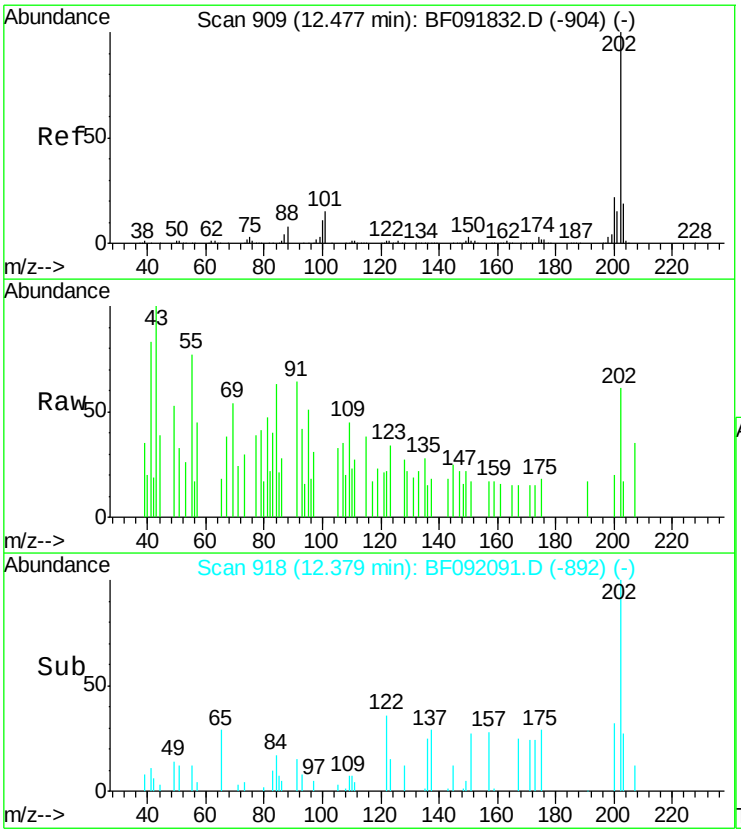
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.75 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:149 Resp: 18307

Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.1	12.1
104	4.0	4.6	7.0#

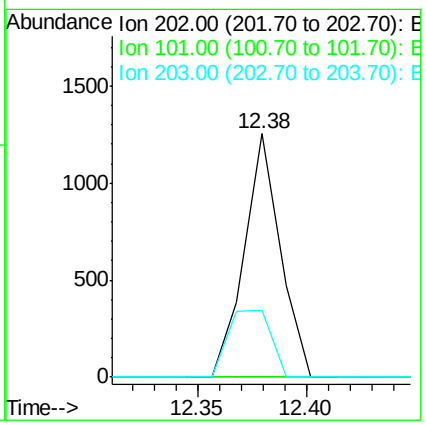


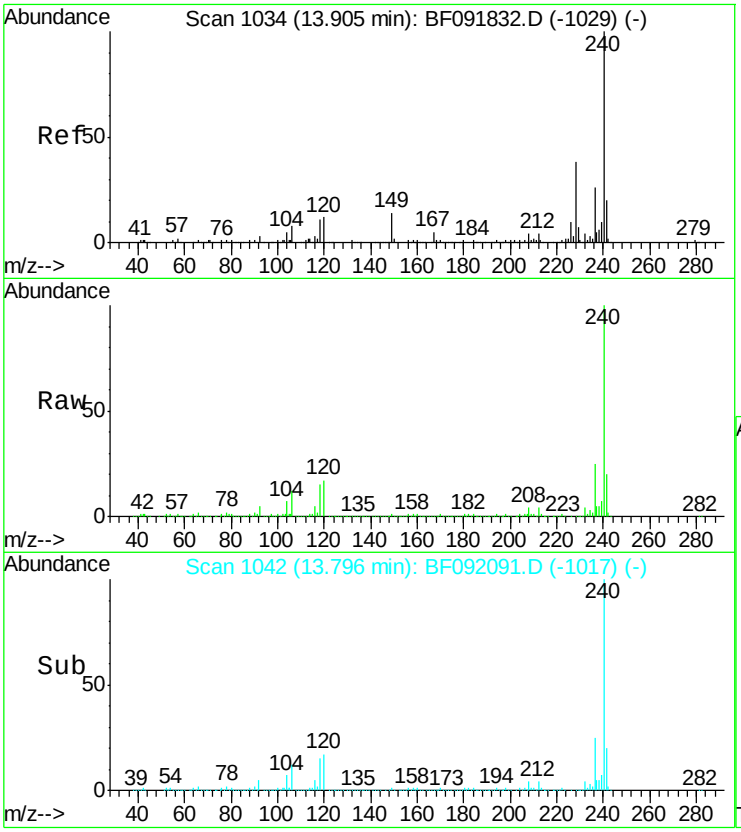


#74
Fluoranthene
Concen: Below Cal
RT: 12.38 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Tgt Ion:202 Resp: 1448

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	27.3	0.0	38.7



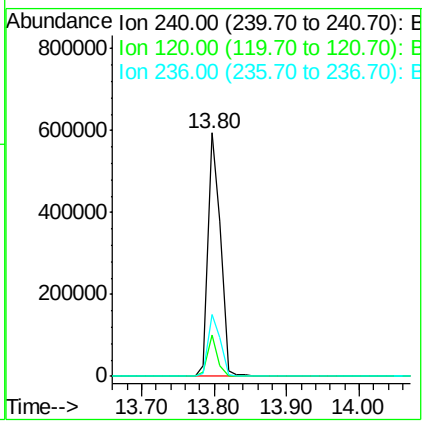


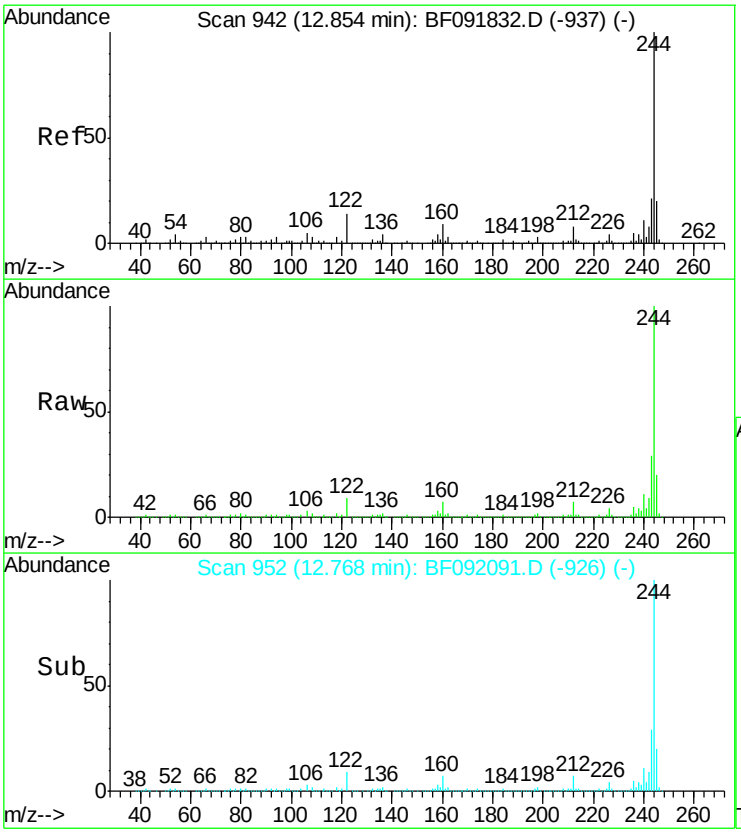
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:240 Resp: 705147

Ion	Ratio	Lower	Upper
240	100		
120	16.9	12.9	19.3
236	25.5	20.9	31.3

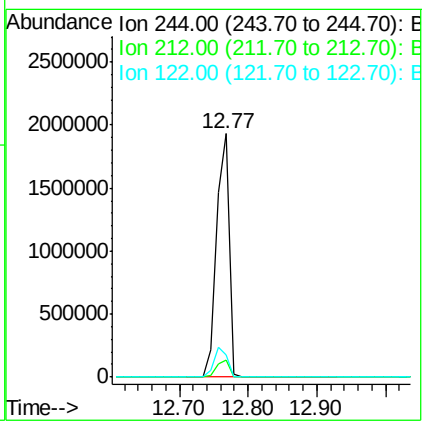


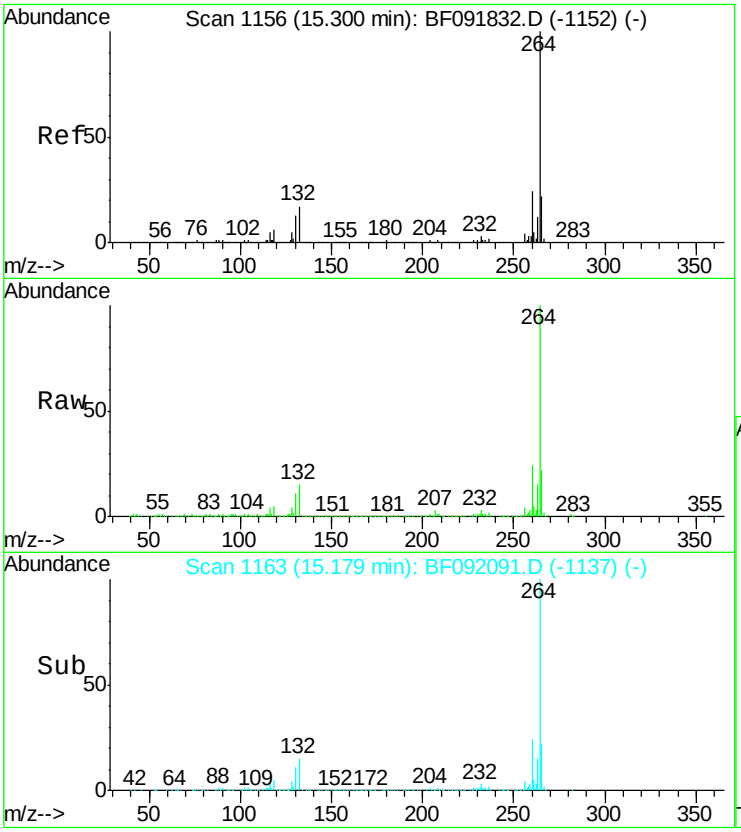


#78
Terphenyl-d14
Concen: 86.45 ng
RT: 12.77 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Tgt Ion:244 Resp: 2513492

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	9.1	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF092091.D
Acq: 5 Jan 2017 2:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:264 Resp: 598063

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.4	26.0