Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
Data File : BF092079.D
Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

Quant Time: Jan 05 00:06:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	210769	20.00	ng		-0.04
21) Naphthalene-d8	7.94	136	779460	20.00	ng		-0.05
38) Acenaphthene-d10	9.69	164	409011	20.00	ng		-0.06
63) Phenanthrene-d10	11.18	188	278409	20.00	ng		-0.05
75) Chrysene-d12	13.81	240	218663	20.00	ng		-0.06
86) Perylene-d12	15.18	264	178460	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	799884	63.37	ng		-0.06
7) Phenol-d6	6.32	99	891900	57.87	ng		-0.06
23) Nitrobenzene-d5	7.24	82	1450494	103.48	ng		-0.05
41) 2,4,6-Tribromophenol	10.49	330	365824	108.08	ng		-0.05
44) 2-Fluorobiphenyl	9.03	172	2110086	109.41	ng		-0.05
78) Terphenyl-d14	12.77	244	1085709	120.42	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.33	94	41927	2.39	ng		82
15) Benzyl Alcohol	6.81	79	28750	2.40	ng	#	45
18) Hexachloroethane	7.24	117	601900	104.06	ng	#	6
24) Nitrobenzene	7.20	77	56027	3.75	ng	#	16
35) Caprolactam	8.39	113	15473	4.55	ng	#	1
37) 2-Methylnaphthalene	8.76	142	523326	20.04	ng		95
50) 2,6-Dinitrotoluene	9.40	165	30735	5.37	ng	#	81
54) Dibenzofuran	9.90	168	89643	2.87	ng	#	88
57) Fluorene	10.24	166	66391	2.92	ng	#	95
59) Diethylphthalate	10.13	149	141900	5.59	ng	#	90
62) Azobenzene	10.33	77	66036	2.36	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.32	198	3895	2.31	ng	#	1
66) 4-Bromophenyl-phenylether	10.49	248	24599	8.49	ng	#	1
71) Anthracene	11.30	178	3421	Below Cal		#	1
73) Di-n-butylphthalate	11.75	149	4261	Below Cal		#	34
74) Fluoranthene	12.38	202	1333	Below Cal		#	32
76) Benzidine	12.51	184	1587	Below Cal		#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
Data File : BF092079.D
Acq On : 4 Jan 2017 20:27
Operator : UM/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
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MW-18

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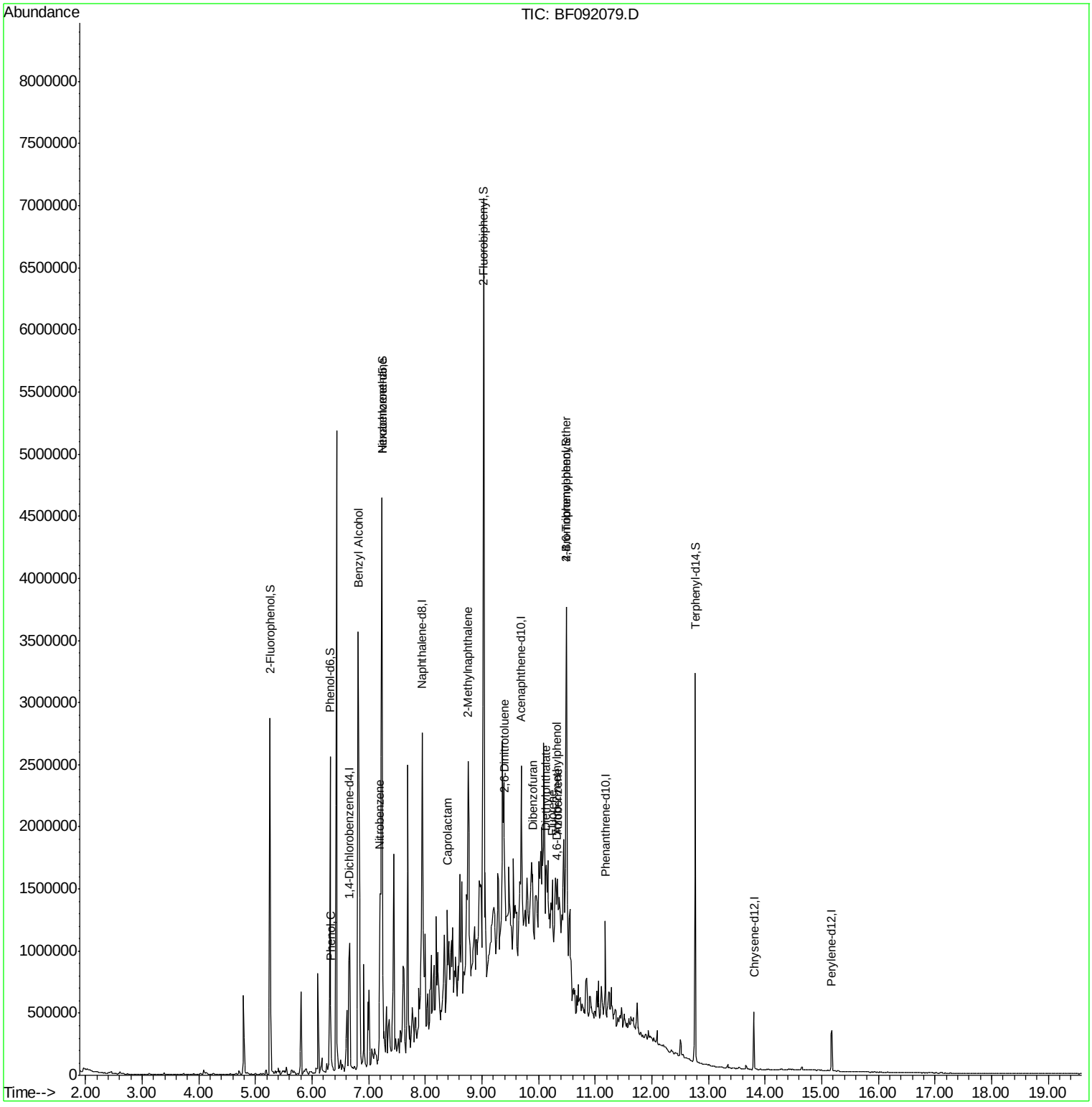
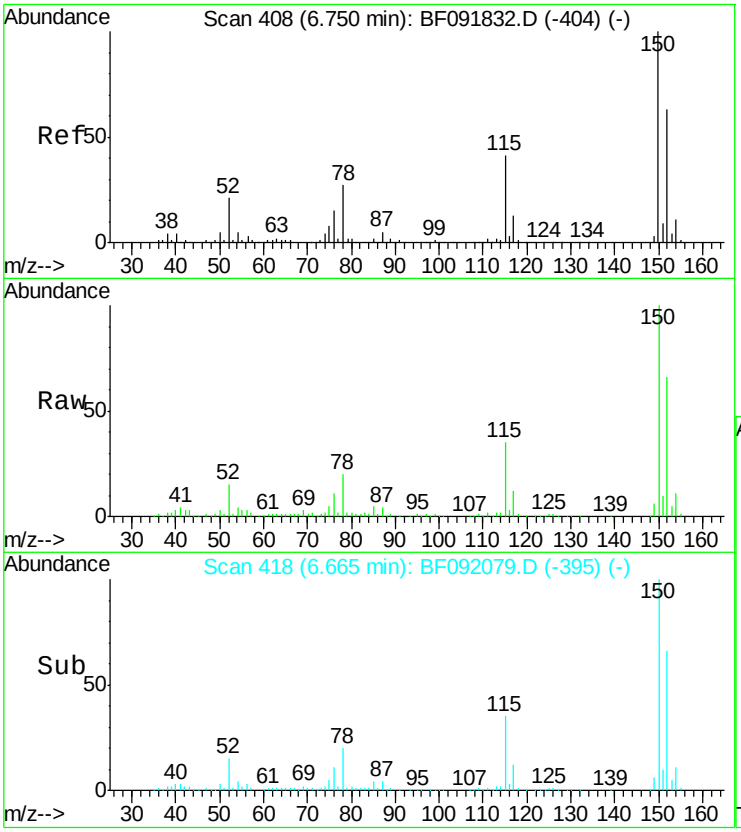
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration



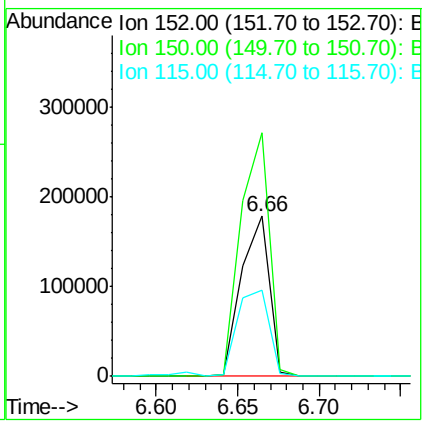


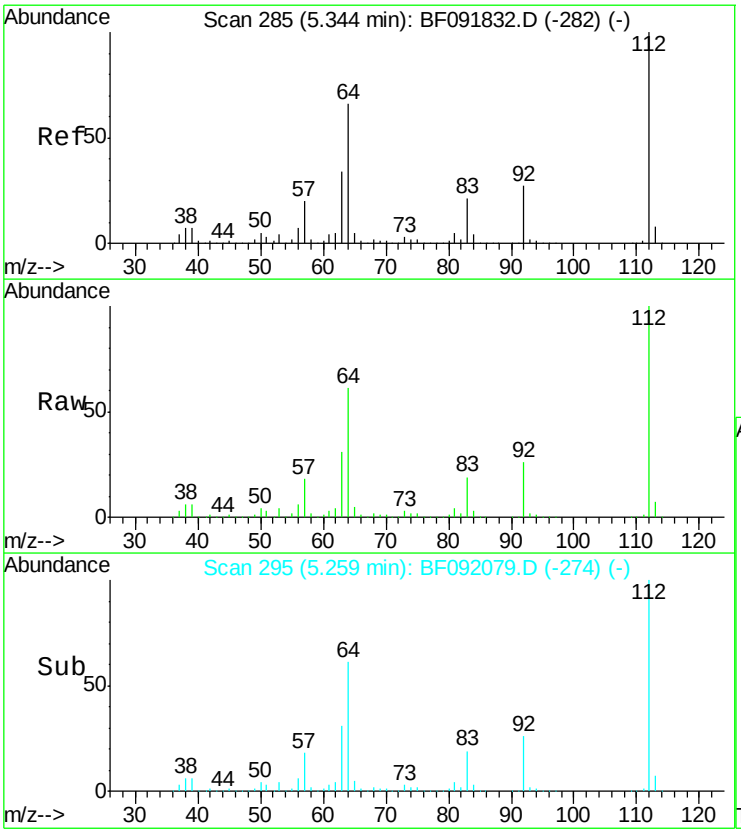
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 418
Delta R.T. -0.04 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:152 Resp: 210769

Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.9	187.3
115	53.8	46.0	69.0

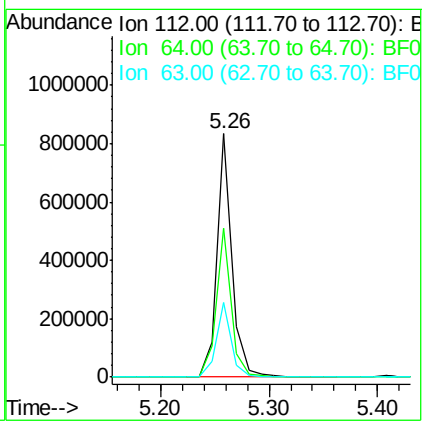


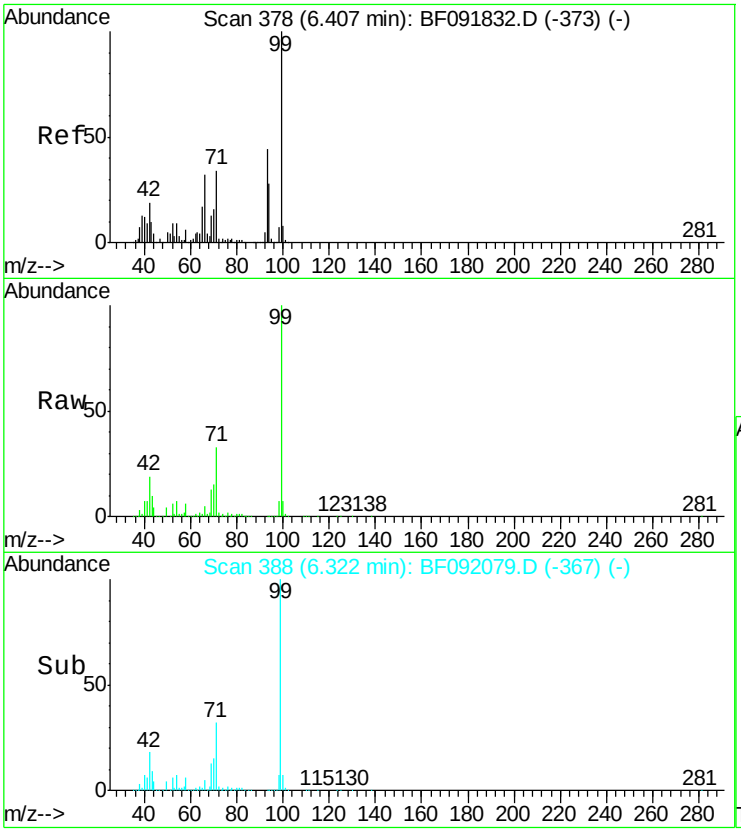


#5
2-Fluorophenol
Concen: 63.37 ng
RT: 5.26 min Scan# 295
Delta R.T. -0.06 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:112 Resp: 799884

Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.1	69.1
63	30.5	23.8	35.6



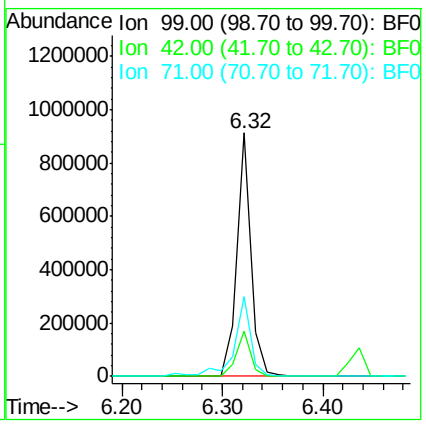


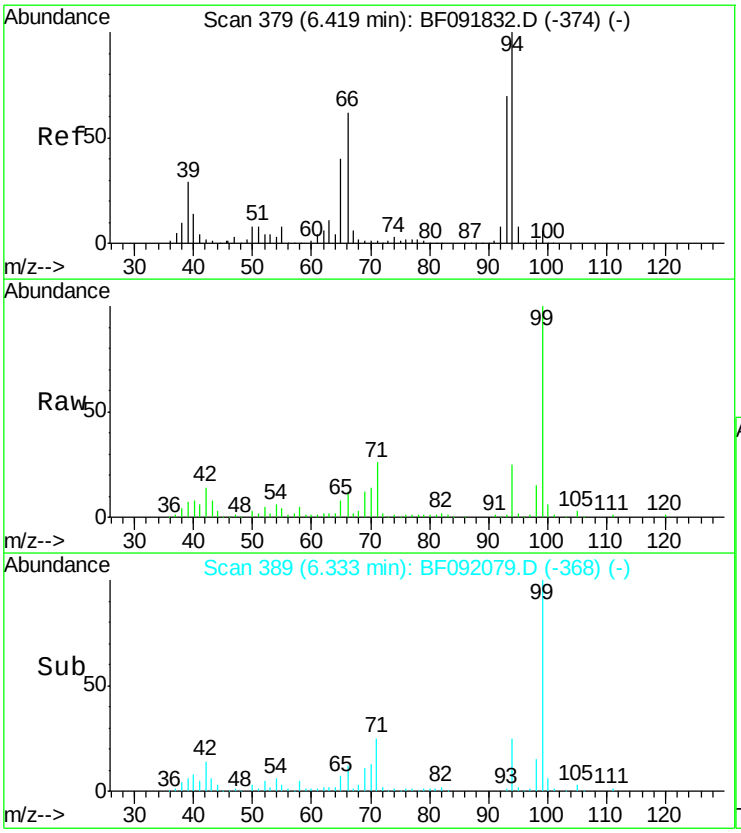
#7
Phenol-d6
Concen: 57.87 ng
RT: 6.32 min Scan# 388
Delta R.T. -0.06 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 99 Resp: 891900

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.6	23.4
71	32.5	27.5	41.3

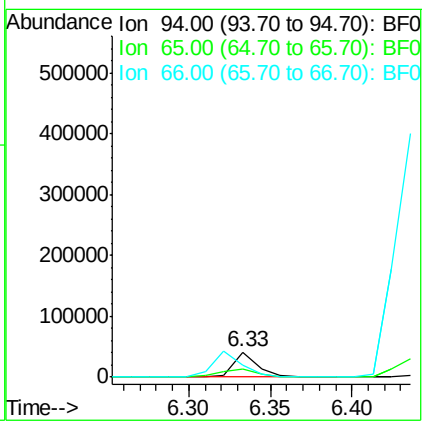


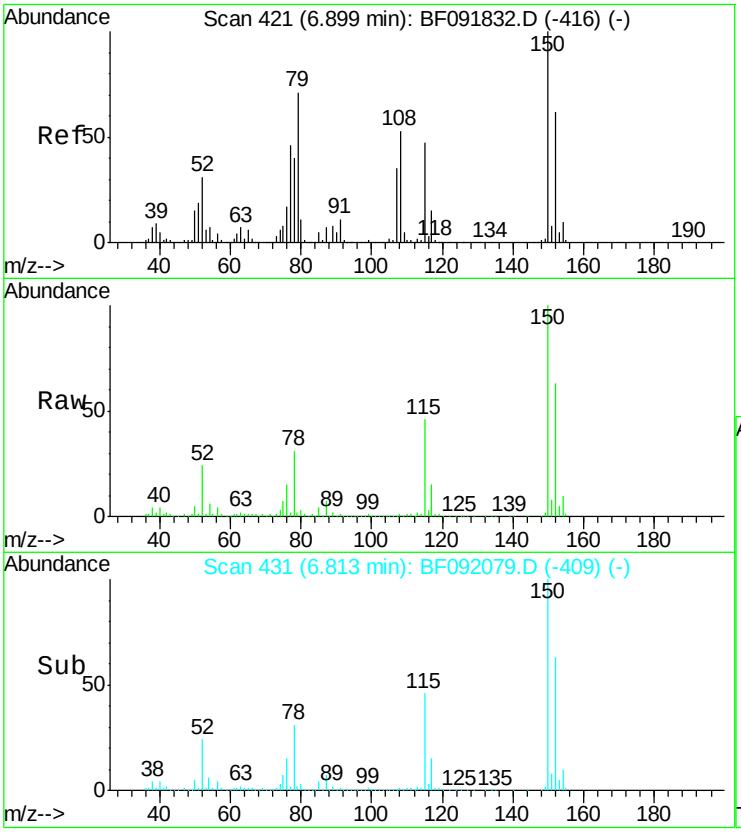


#10
Phenol
Concen: 2.39 ng
RT: 6.33 min Scan# 389
Delta R.T. -0.06 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion: 94 Resp: 41927

Ion	Ratio	Lower	Upper
94	100		
65	32.2	21.4	61.4
66	48.3	44.0	84.0



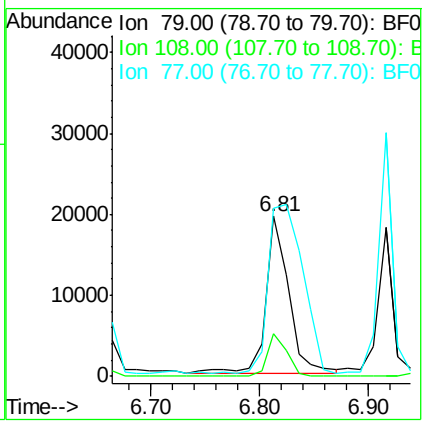


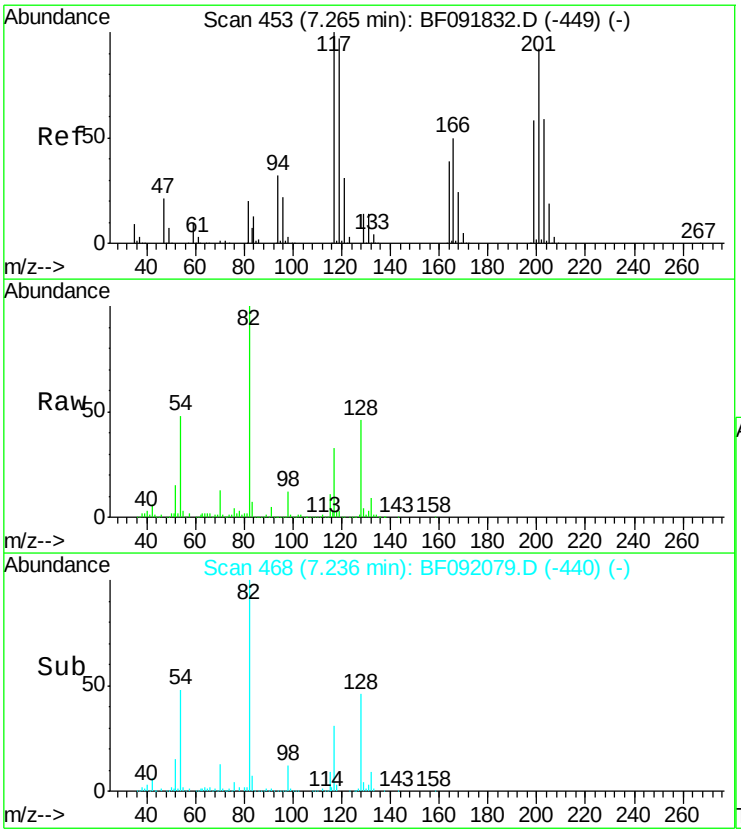
#15
Benzyl Alcohol
Concen: 2.40 ng
RT: 6.81 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 79 Resp: 28750

Ion	Ratio	Lower	Upper
79	100		
108	27.0	61.4	92.0#
77	104.7	50.9	76.3#

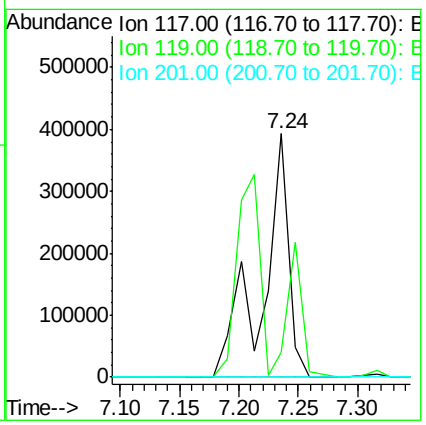


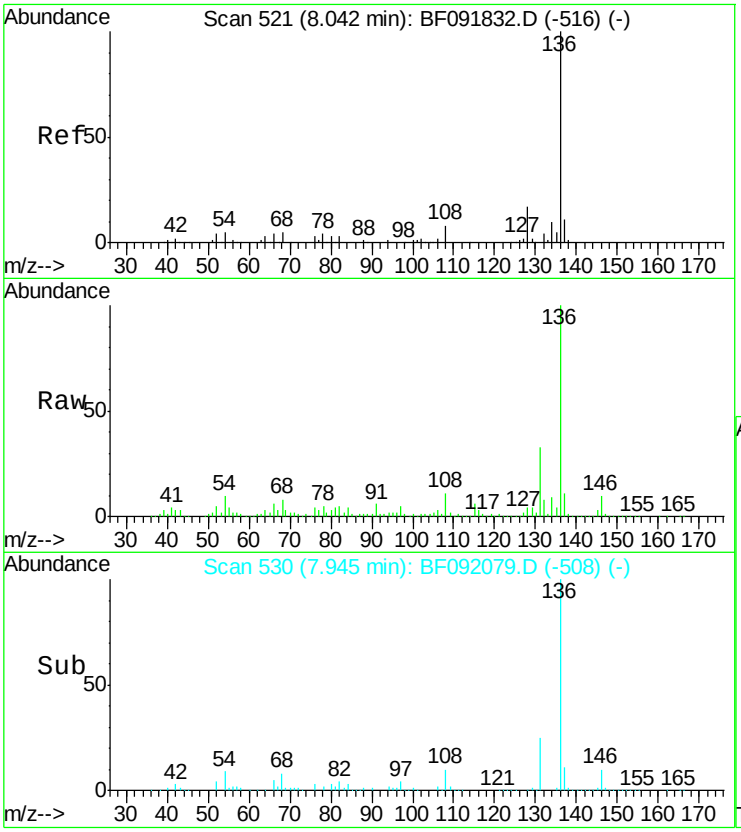


#18
Hexachloroethane
Concen: 104.06 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.02 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:117 Resp: 601900

Ion	Ratio	Lower	Upper
117	100		
119	10.4	78.1	117.1#
201	0.0	78.6	117.8#



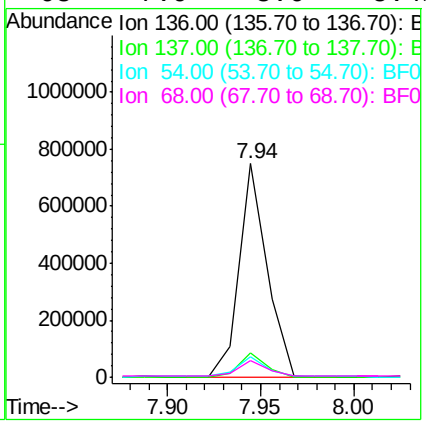


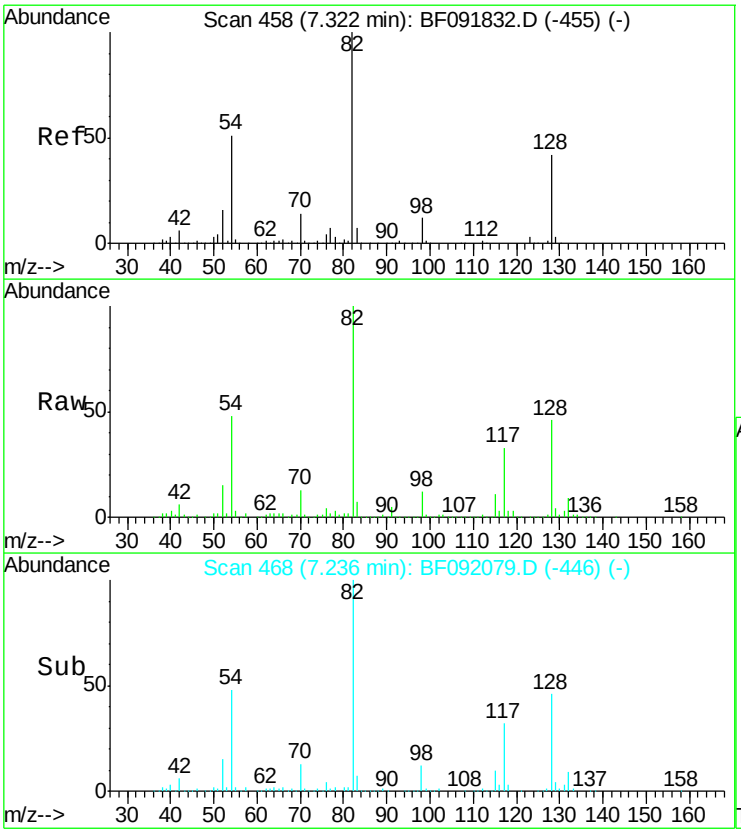
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:136 Resp: 779460

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.9	4.5	6.7#
68	7.9	3.6	5.4#

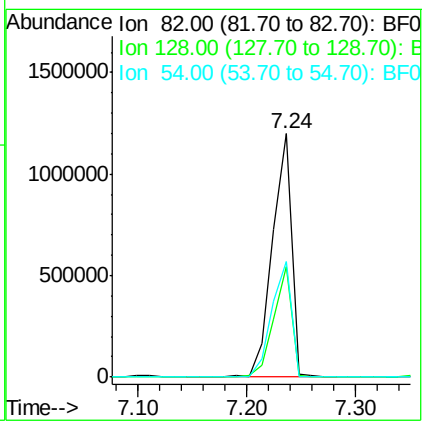


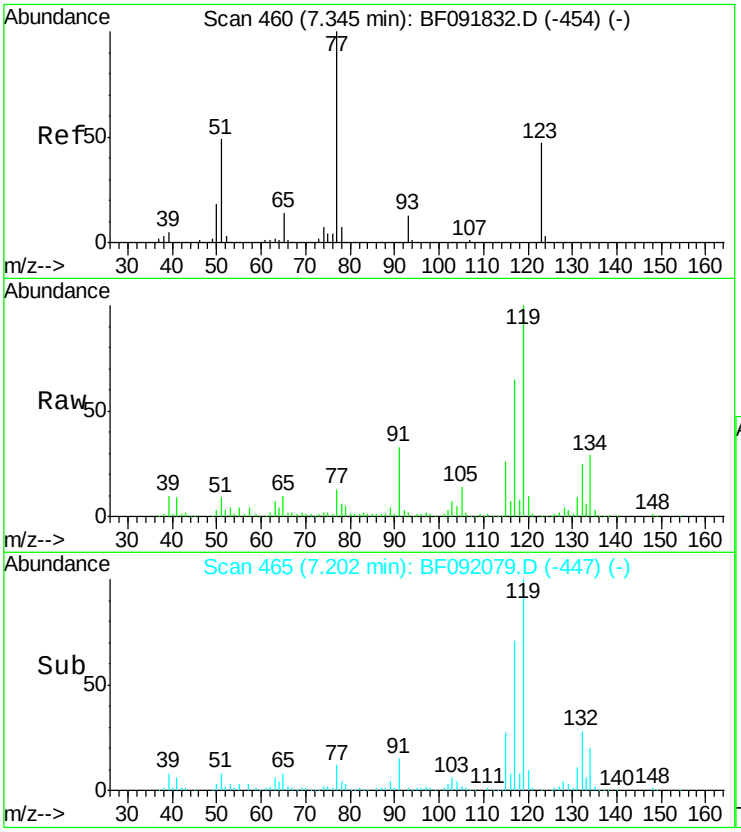


#23
Nitrobenzene-d5
Concen: 103.48 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion: 82 Resp: 1450494

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	47.7	39.5	59.3



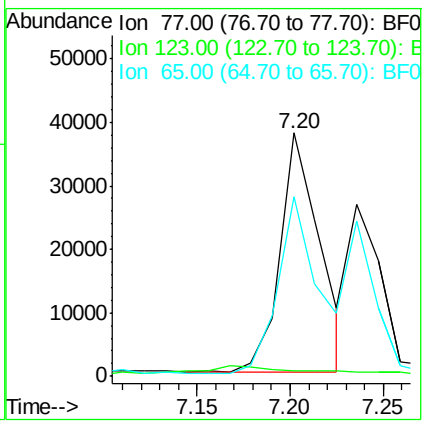


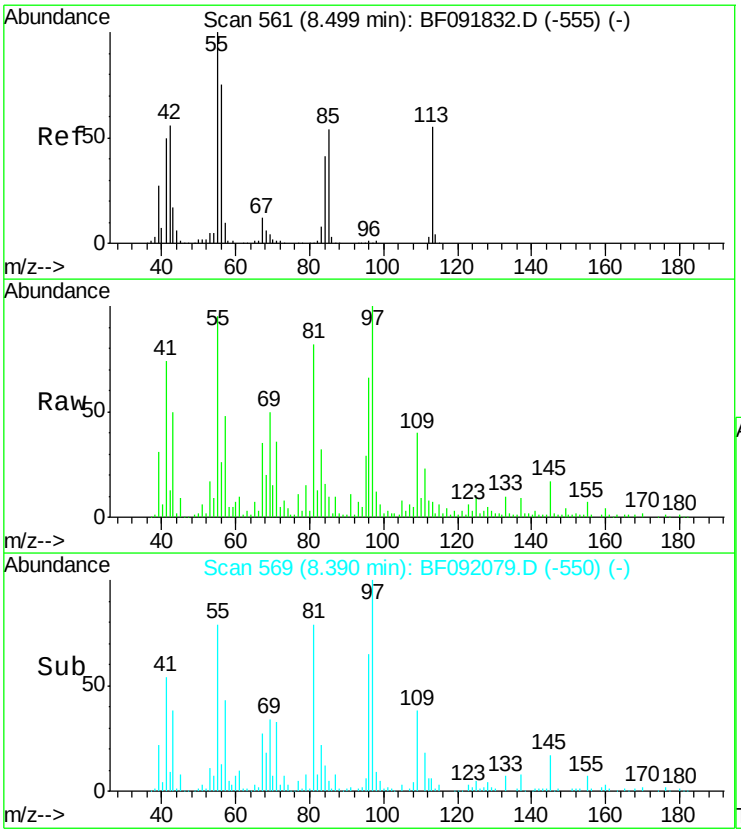
#24
Nitrobenzene
Concen: 3.75 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.10 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 77 Resp: 56027

Ion	Ratio	Lower	Upper
77	100		
123	2.1	33.0	49.4#
65	73.8	11.2	16.8#

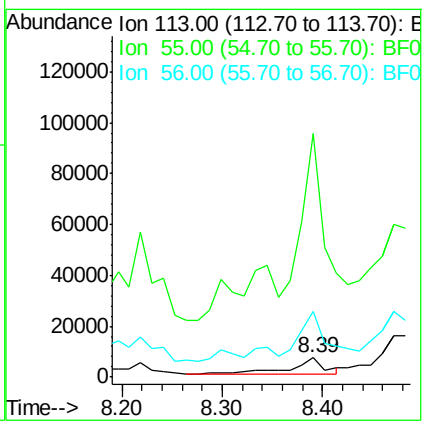


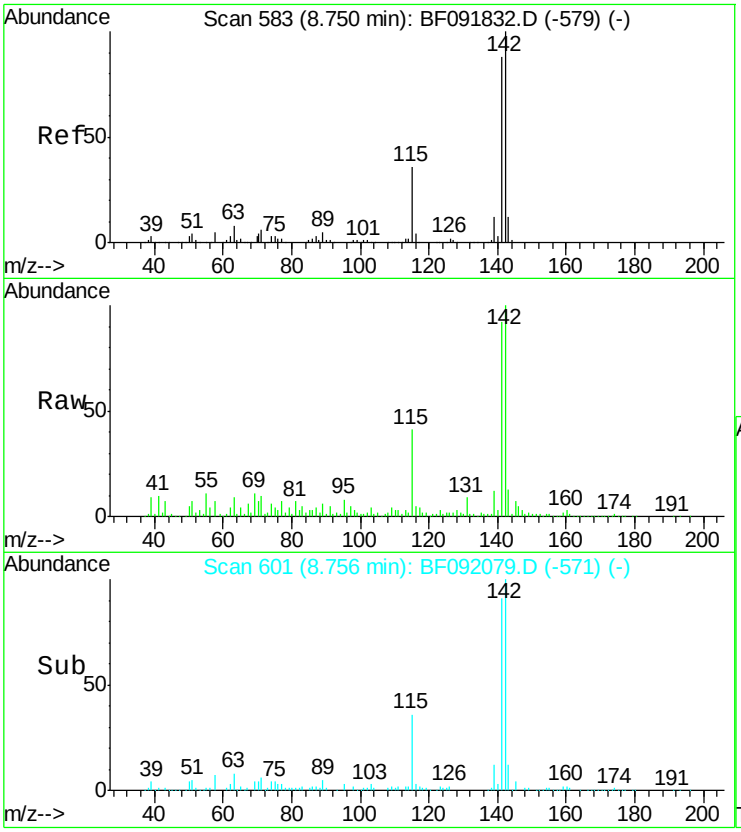


#35
Caprolactam
Concen: 4.55 ng
RT: 8.39 min Scan# 569
Delta R.T. -0.09 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:113 Resp: 15473

Ion	Ratio	Lower	Upper
113	100		
55	1269.9	119.2	159.2#
56	345.6	83.8	123.8#



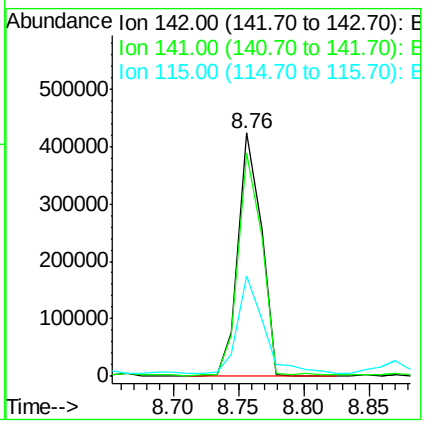


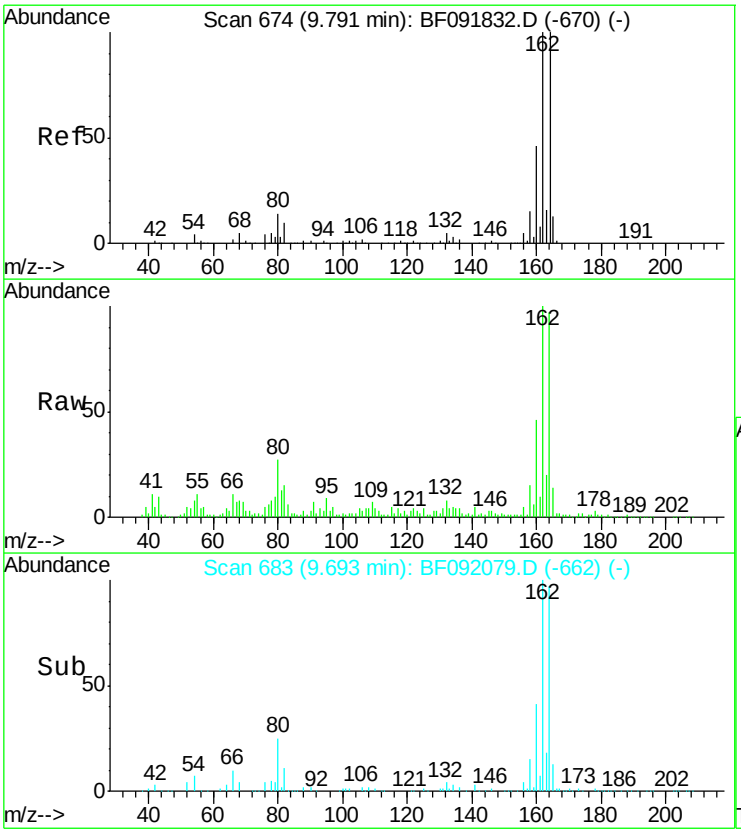
#37
2-Methylnaphthalene
Concen: 20.04 ng
RT: 8.76 min Scan# 601
Delta R.T. 0.04 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:142 Resp: 523326

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.0	106.6
115	41.3	28.3	42.5

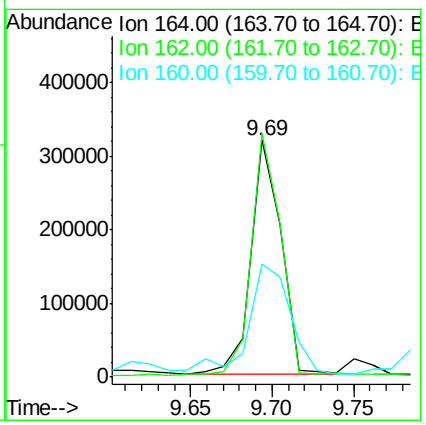


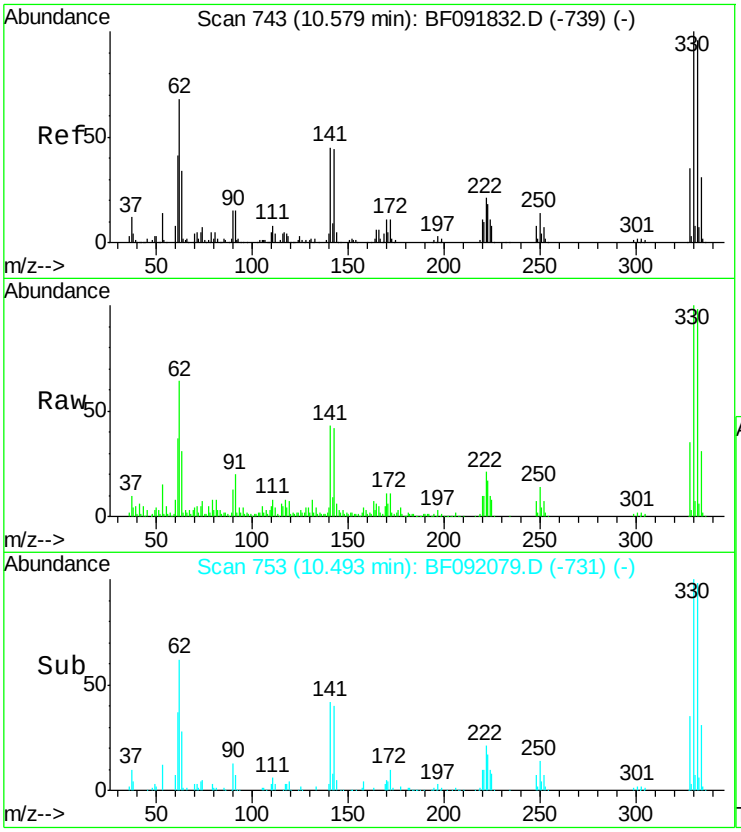


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:164 Resp: 409011

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	47.6	36.9	55.3



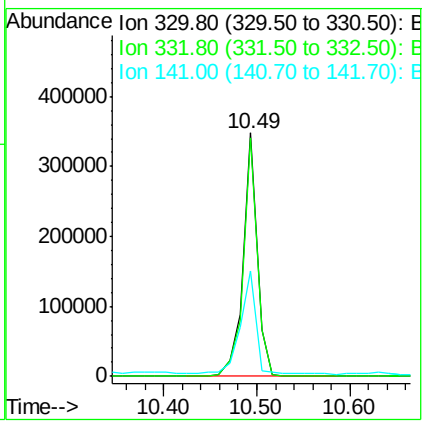


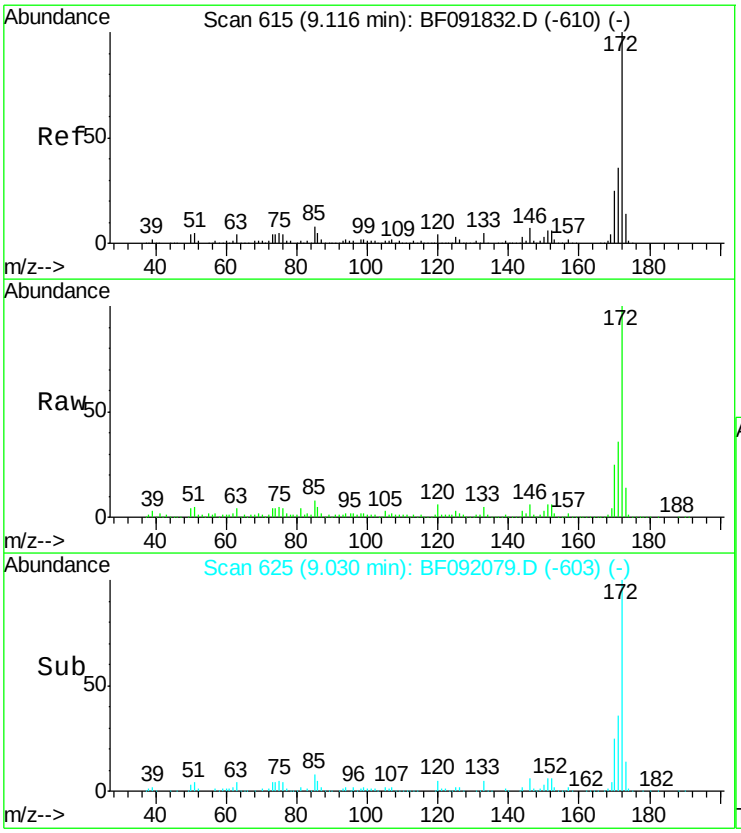
#41
2,4,6-Tribromophenol
Concen: 108.08 ng
RT: 10.49 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:330 Resp: 365824

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	47.6	34.1	51.1

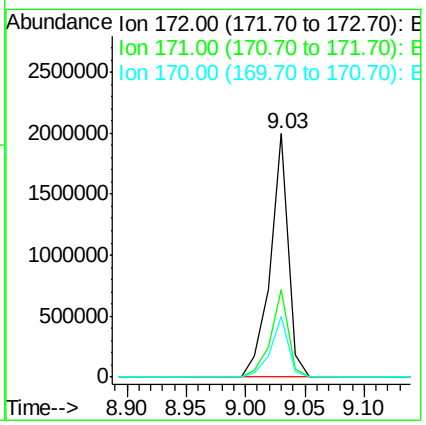


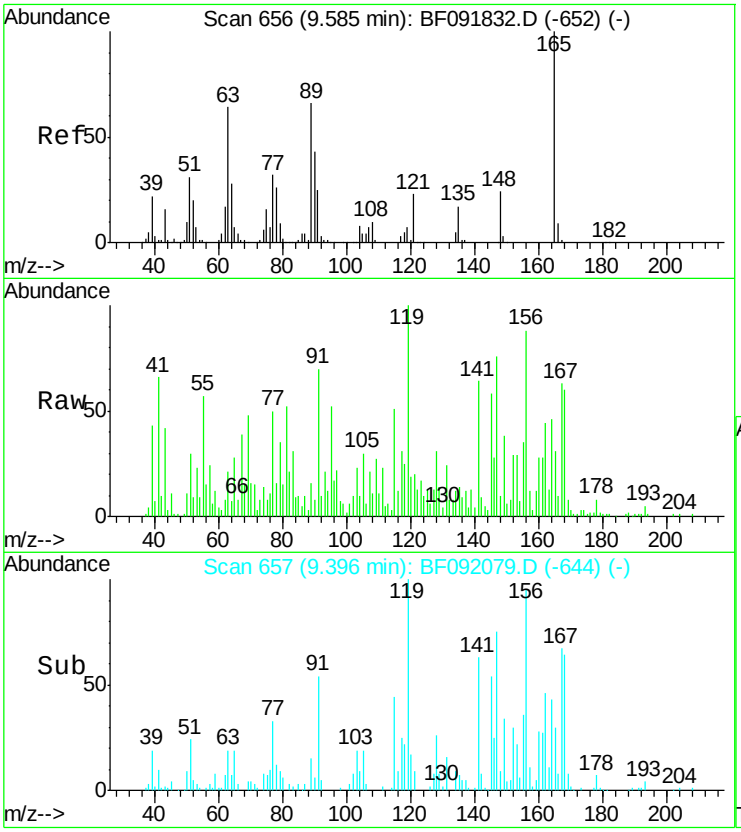


#44
2-Fluorobiphenyl
Concen: 109.41 ng
RT: 9.03 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:172 Resp: 2110086

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.7	20.2	30.4



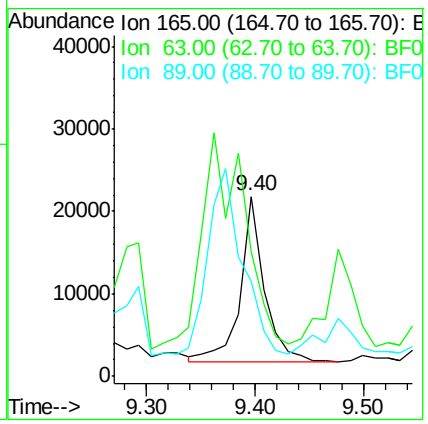


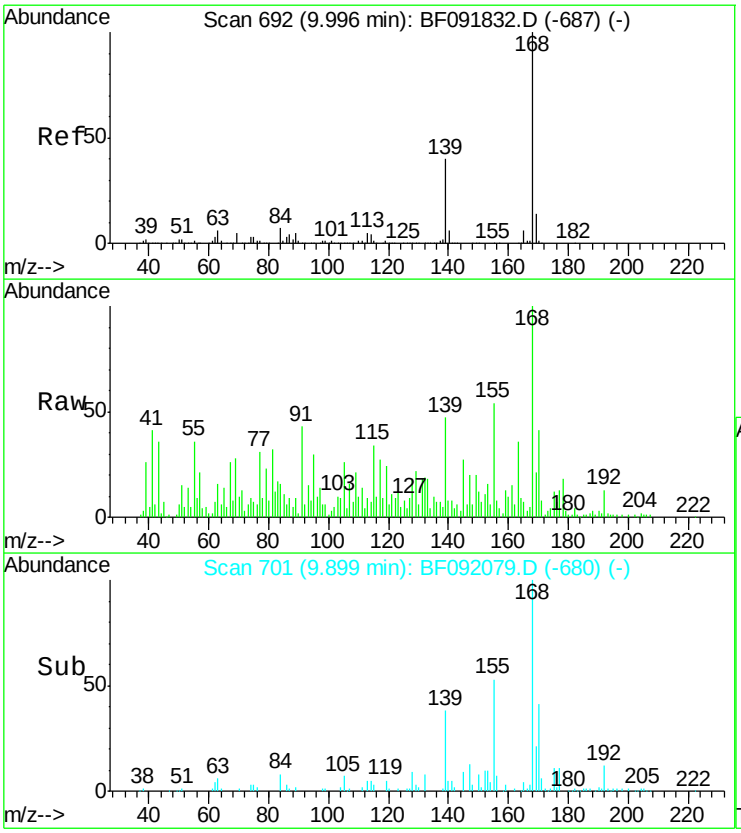
#50
2,6-Dinitrotoluene
Concen: 5.37 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.15 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:165 Resp: 30735

Ion	Ratio	Lower	Upper
165	100		
63	69.1	36.2	54.4#
89	53.2	40.2	60.4

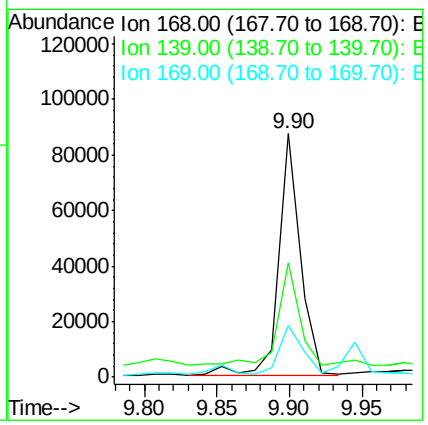


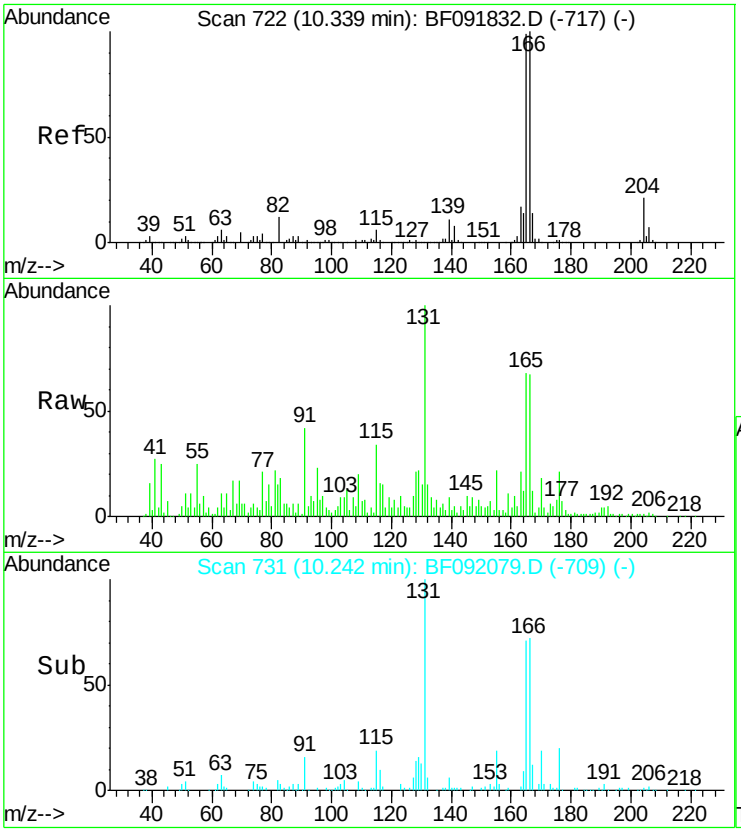


#54
Dibenzofuran
Concen: 2.87 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:168 Resp: 89643

Ion	Ratio	Lower	Upper
168	100		
139	46.7	32.6	49.0
169	21.4	11.3	16.9#



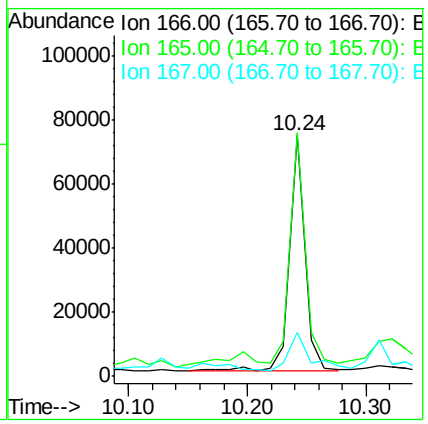


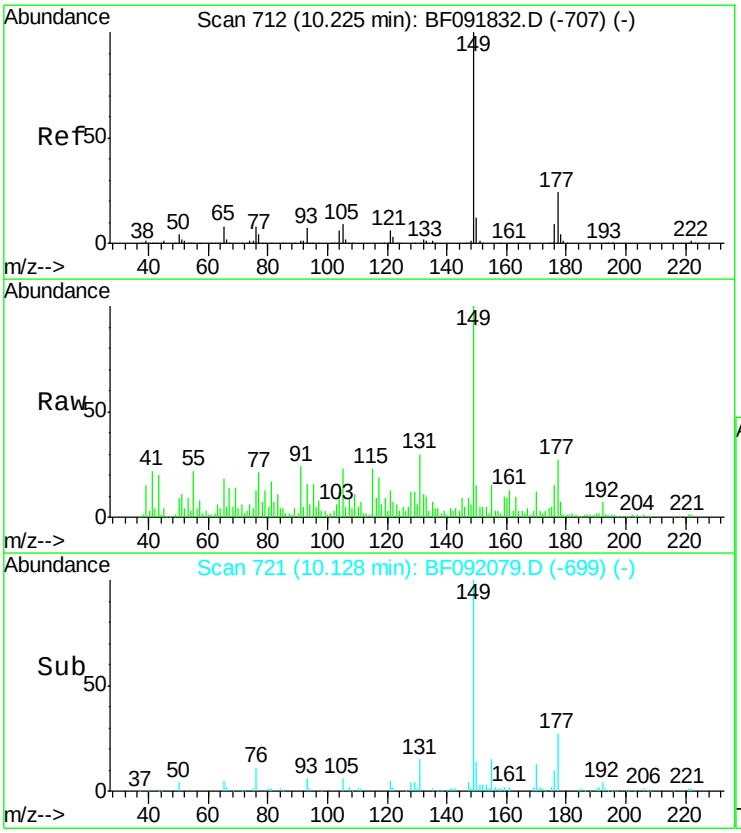
#57
Fluorene
Concen: 2.92 ng
RT: 10.24 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:166 Resp: 66391

Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.8	116.8
167	18.3	10.8	16.2#

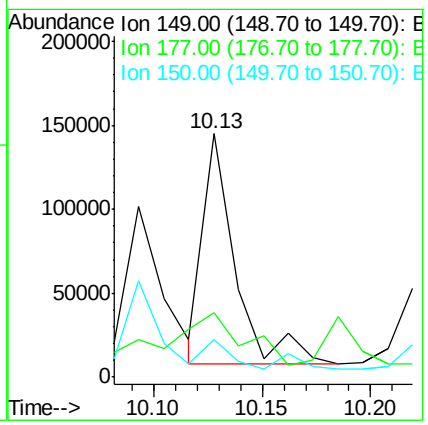


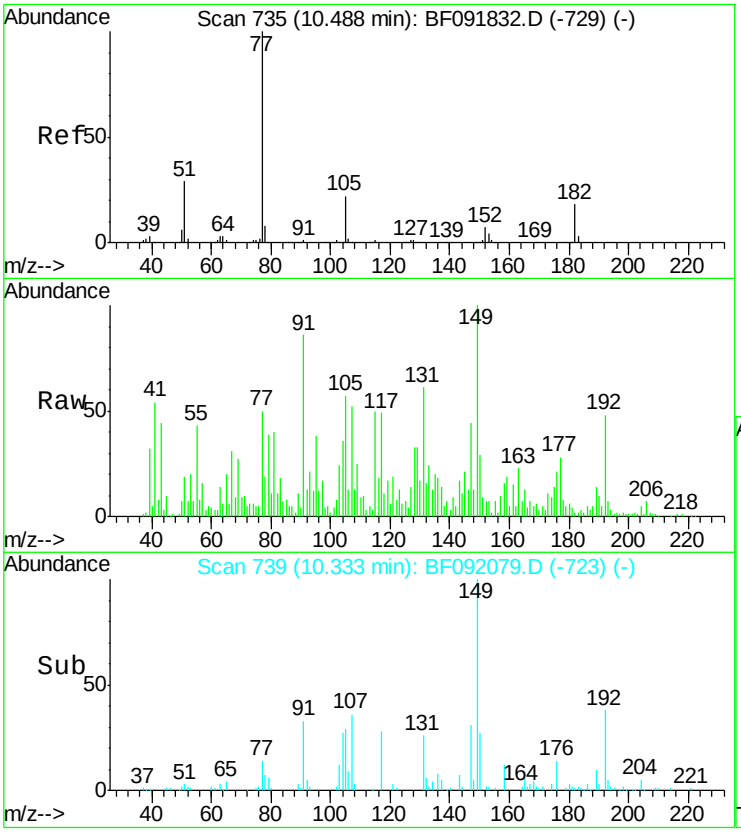


#59
Diethylphthalate
Concen: 5.59 ng
RT: 10.13 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:149 Resp: 141900

Ion	Ratio	Lower	Upper
149	100		
177	26.6	16.6	25.0#
150	15.3	10.4	15.6



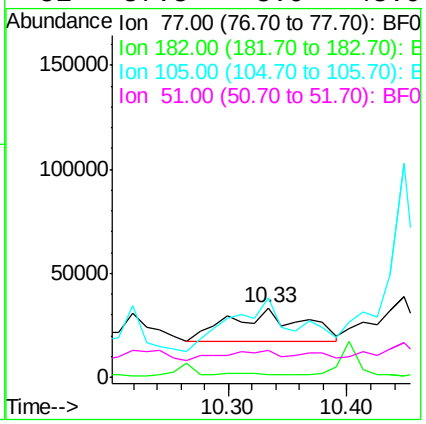


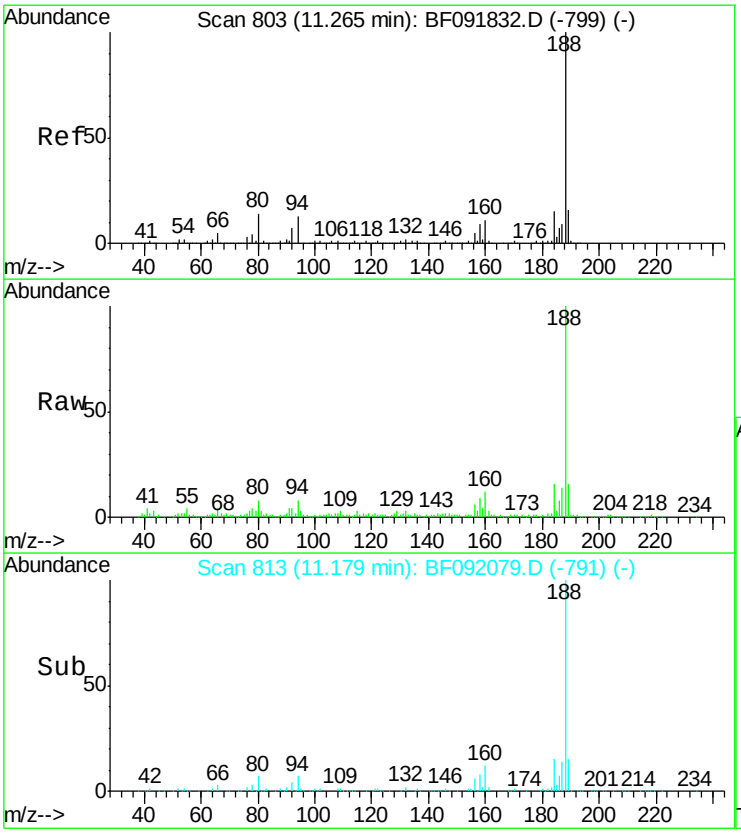
#62
Azobenzene
Concen: 2.36 ng
RT: 10.33 min Scan# 739
Delta R.T. -0.12 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 77 Resp: 66036

Ion	Ratio	Lower	Upper
77	100		
182	3.2	0.0	39.3
105	114.4	2.3	42.3#
51	37.8	8.9	48.9

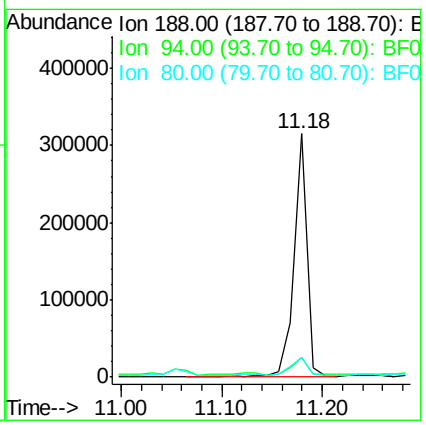


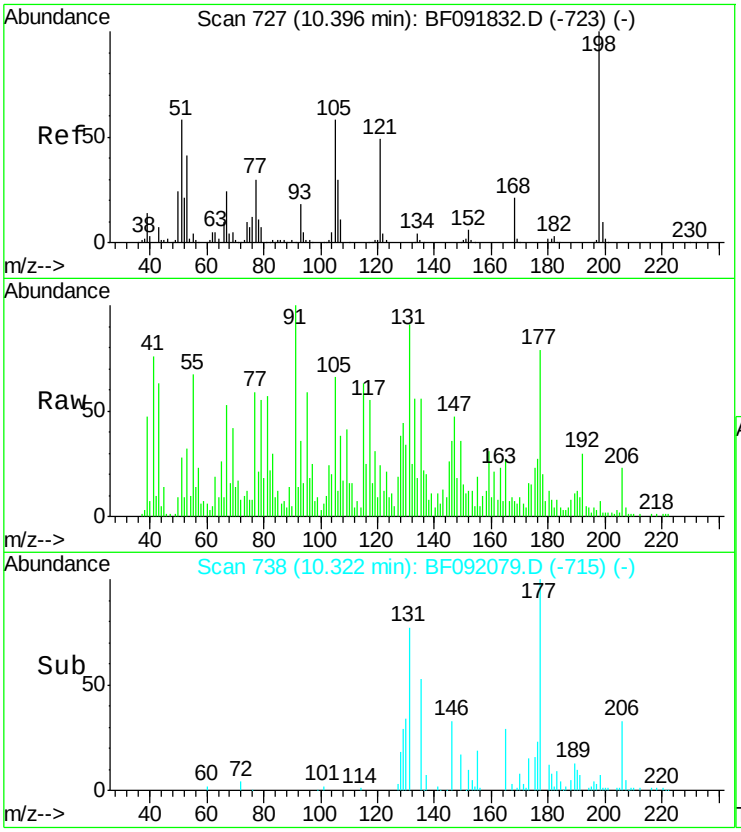


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:188 Resp: 278409

Ion	Ratio	Lower	Upper
188	100		
94	7.8	10.0	15.0#
80	8.0	11.2	16.8#



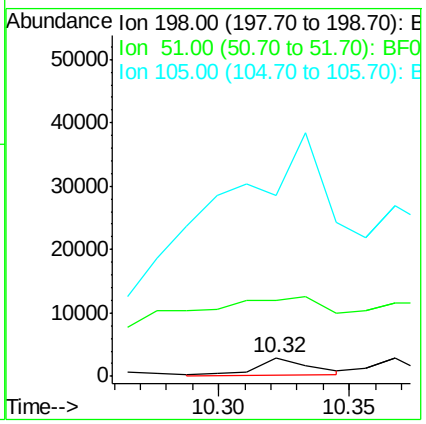


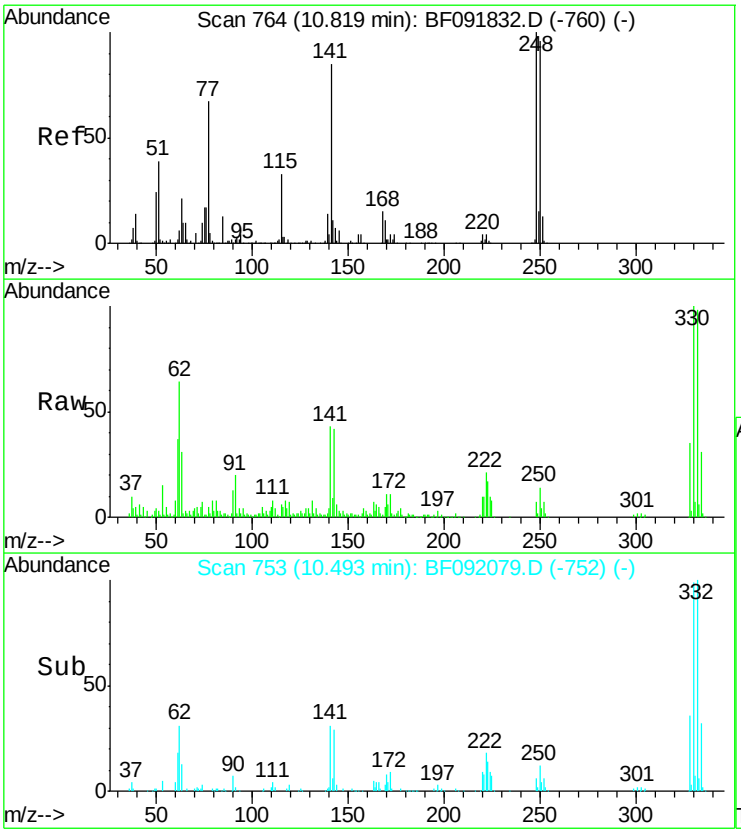
#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.04 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:198 Resp: 3895

Ion	Ratio	Lower	Upper
198	100		
51	407.0	6.7	46.7#
105	967.7	16.6	56.6#

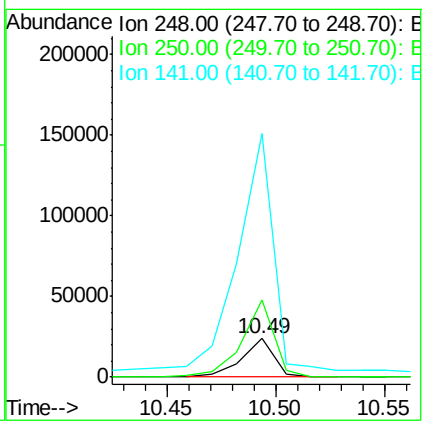


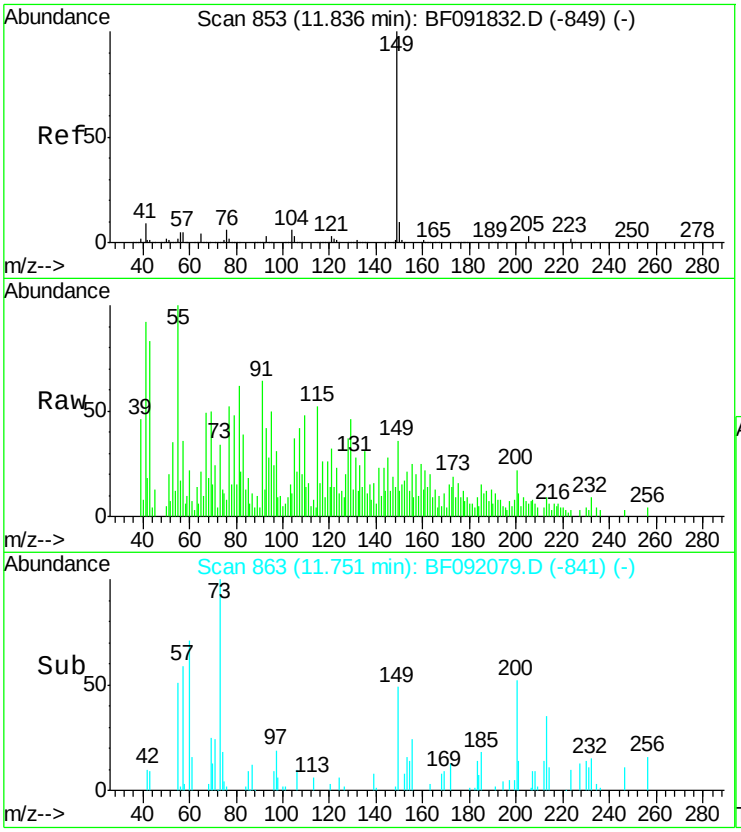


#66
4-Bromophenyl-phenylether
Concen: 8.49 ng
RT: 10.49 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:248 Resp: 24599

Ion	Ratio	Lower	Upper
248	100		
250	199.7	76.9	115.3#
141	630.8	68.2	102.4#



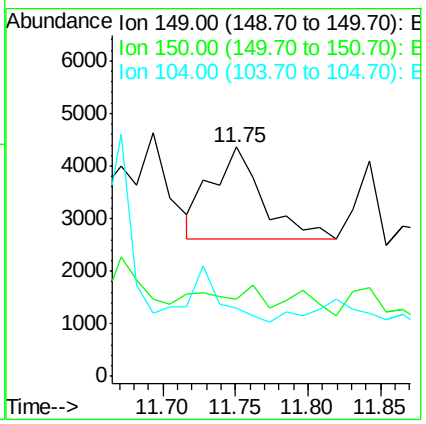


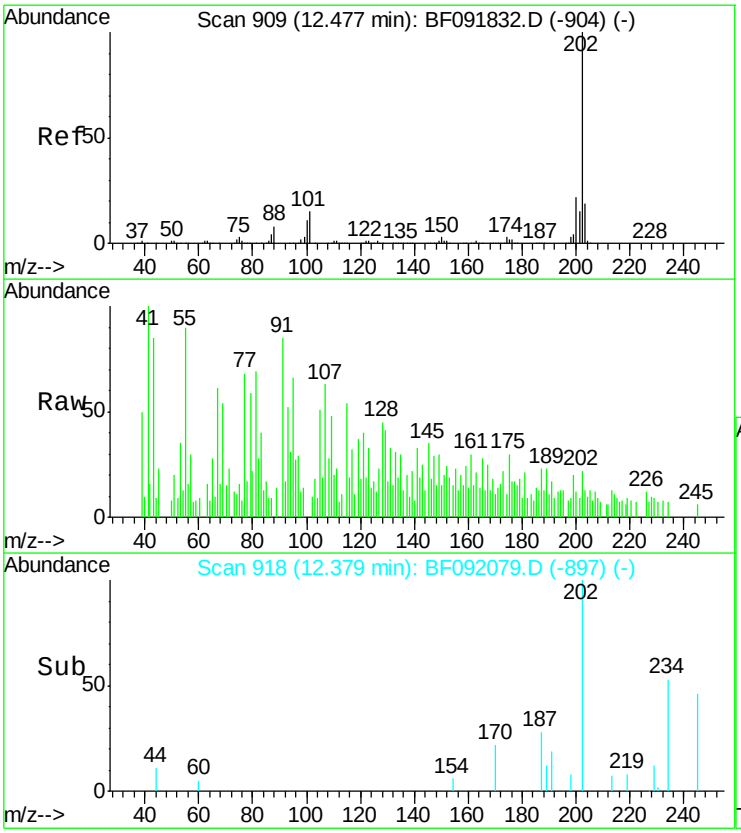
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.75 min Scan# 863
Delta R.T. -0.05 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:149 Resp: 4261

Ion	Ratio	Lower	Upper
149	100		
150	33.5	8.1	12.1#
104	29.8	4.6	7.0#

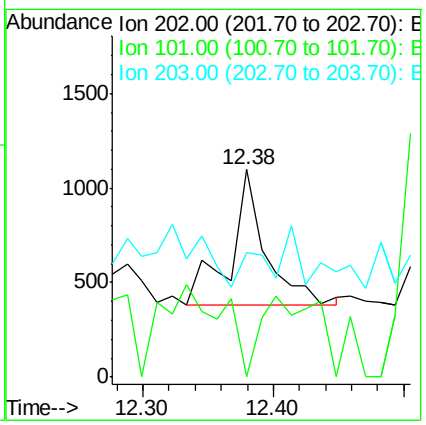


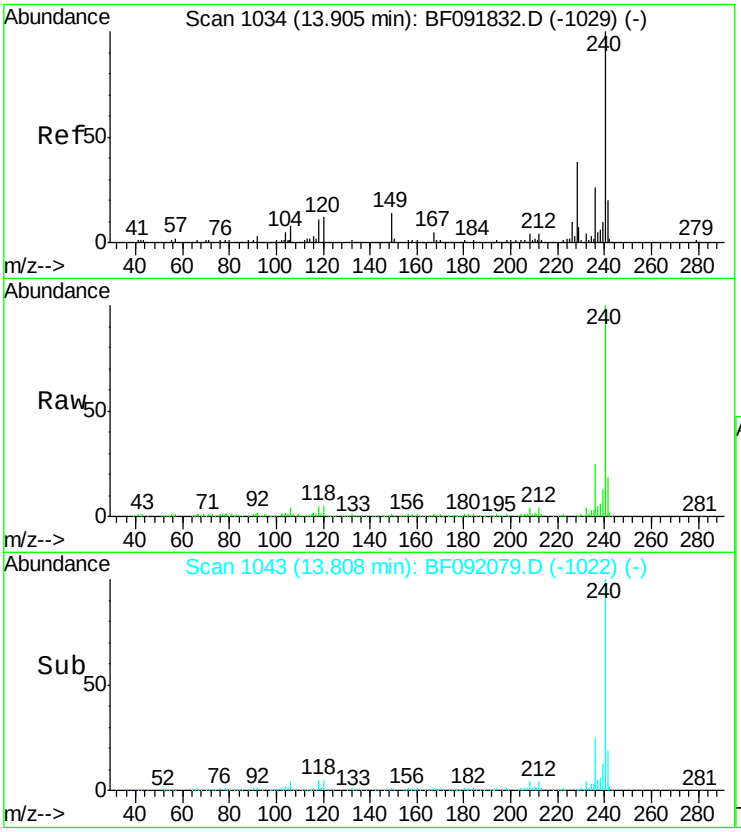


#74
Fluoranthene
Concen: Below Cal
RT: 12.38 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:202 Resp: 1333

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	60.3	0.0	38.7#



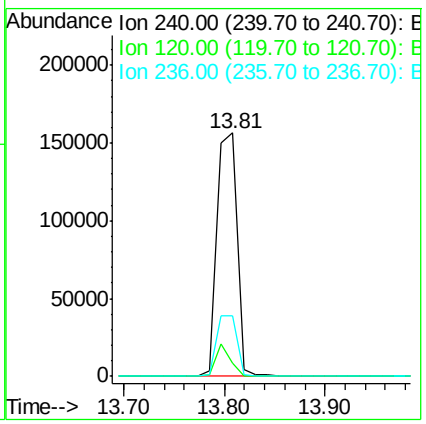


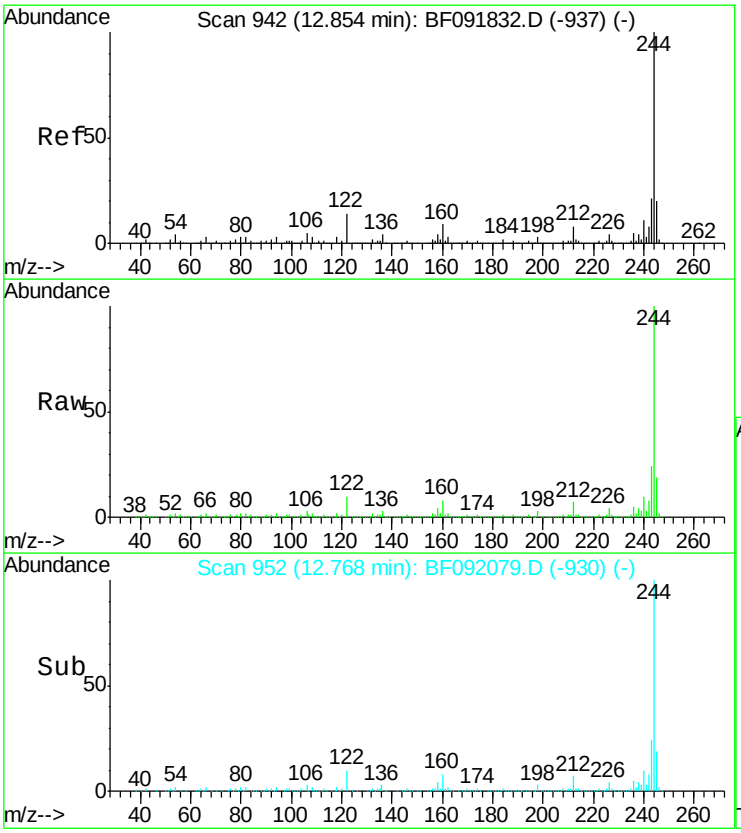
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:240 Resp: 218663

Ion	Ratio	Lower	Upper
240	100		
120	5.4	12.9	19.3#
236	24.9	20.9	31.3

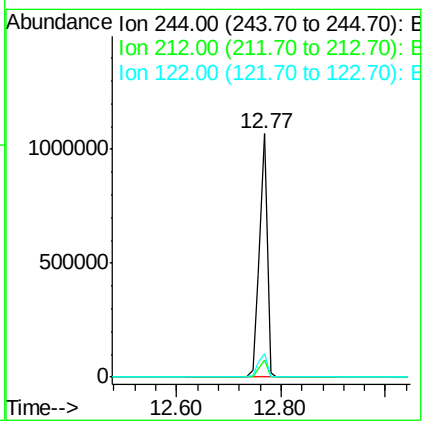


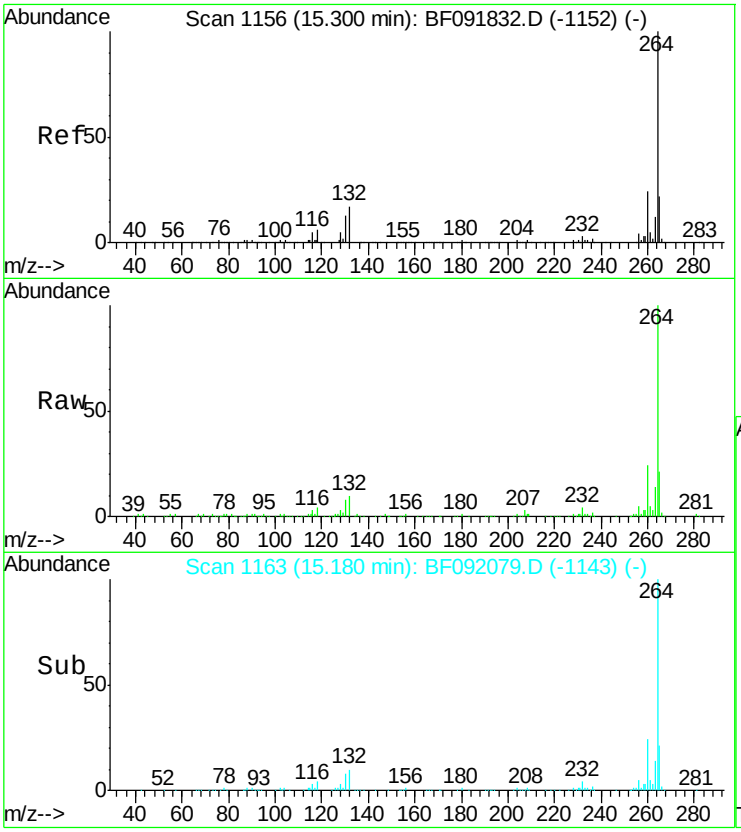


#78
Terphenyl-d14
Concen: 120.42 ng
RT: 12.77 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Tgt Ion:244 Resp: 1085709

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	9.7	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. -0.07 min
Lab File: BF092079.D
Acq: 4 Jan 2017 20:27

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:264 Resp: 178460

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.4	26.0