Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092099.D
Acq On : 5 Jan 2017 20:02
Operator : UM/SJ
Sample : I1004-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

Quant Time: Jan 06 00:02:37 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	6.65	152	197872	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	735251	20.00	ng	-0.06
38) Acenaphthene-d10	9.68	164	380357	20.00	ng	-0.07
63) Phenanthrene-d10	11.17	188	685666	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	549039	20.00	ng	-0.07
86) Perylene-d12	15.17	264	397796	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	783013	66.07	ng	-0.07
7) Phenol-d6	6.31	99	662048	45.76	ng	-0.07
23) Nitrobenzene-d5	7.22	82	1439041	108.83	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	514157	163.34	ng	-0.06
44) 2-Fluorobiphenyl	9.02	172	1950894	108.69	ng	-0.06
78) Terphenyl-d14	12.76	244	1894806	83.70	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.42	77	33056	2.83	ng	# 71
19) n-Nitroso-di-n-propylamine	7.22	70	191840	19.93	ng	# 75
50) 2,6-Dinitrotoluene	9.68	165	50433	9.47	ng	# 31
56) 2,4-Dinitrotoluene	9.68	165	50435	7.55	ng	# 20
66) 4-Bromophenyl-phenylether	10.48	248	33555	4.70	ng	# 1
71) Anthracene	11.19	178	1196	Below Cal		# 59
73) Di-n-butylphthalate	11.74	149	8853	Below Cal		98
74) Fluoranthene	12.37	202	719	Below Cal		61

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

Quantitation Report (Not Reviewed)

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Acq On : 5 Jan 2017 20:02
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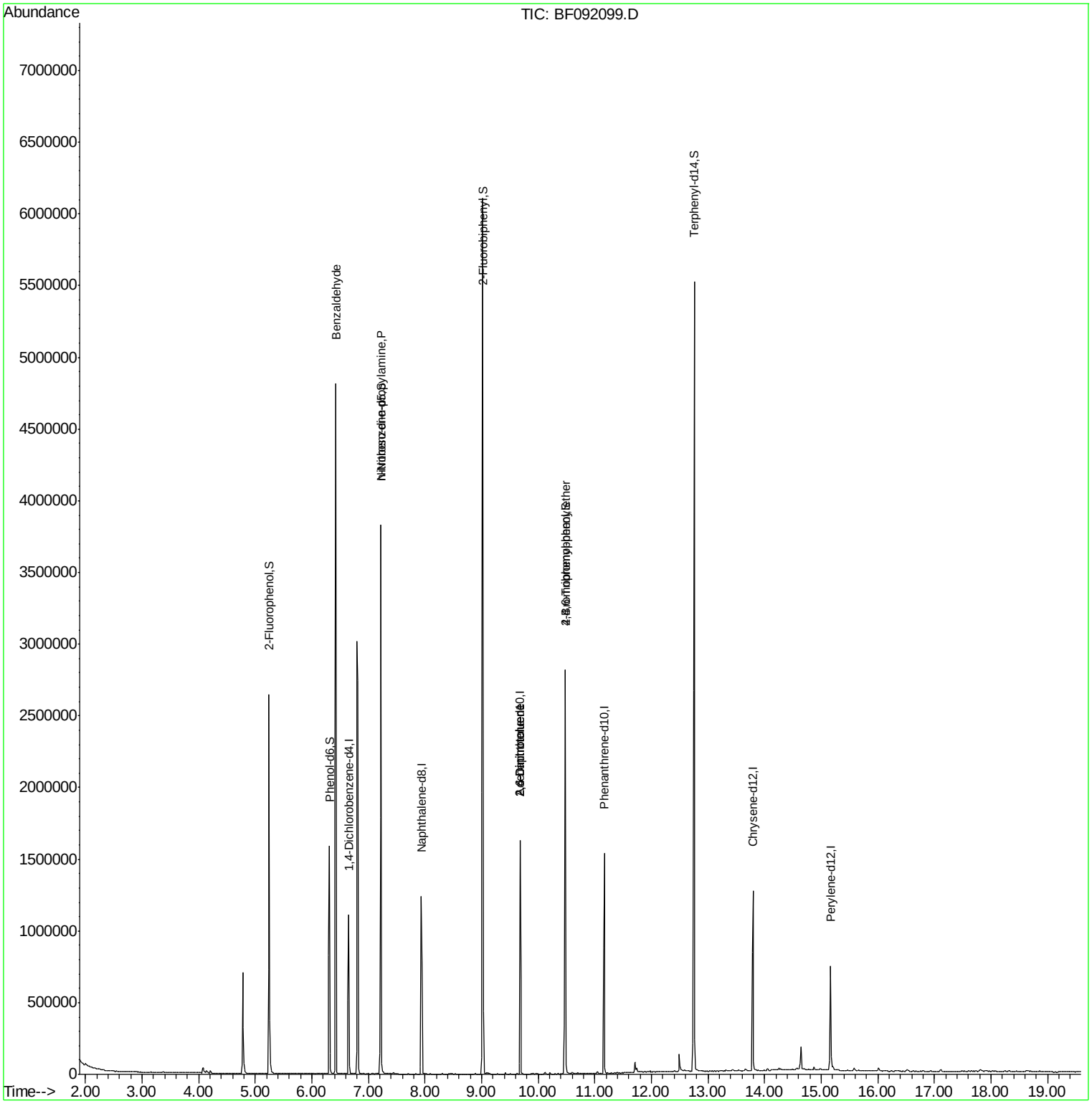
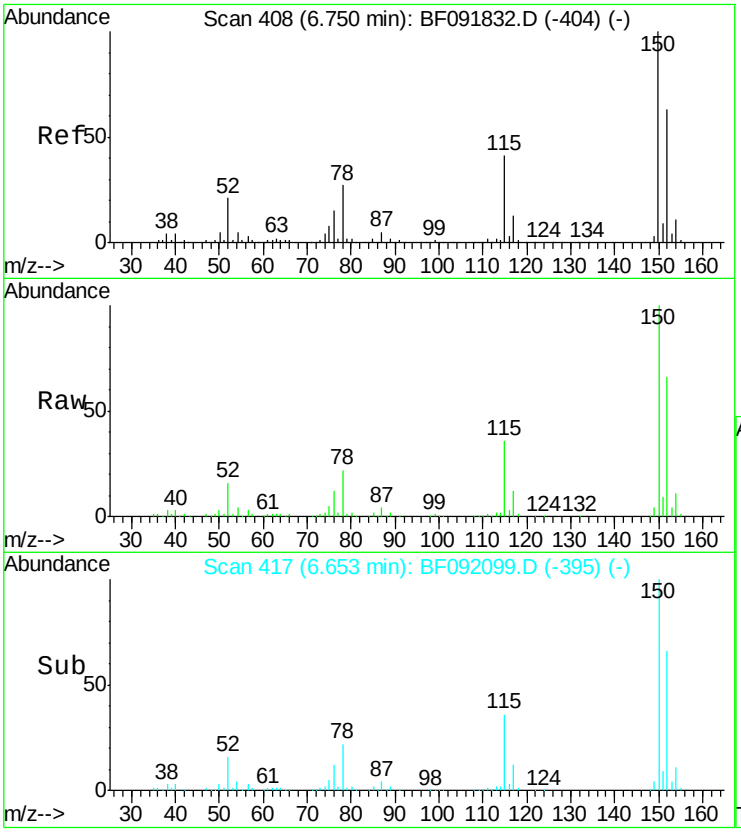


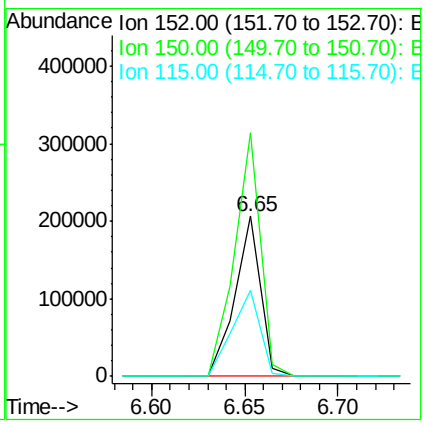


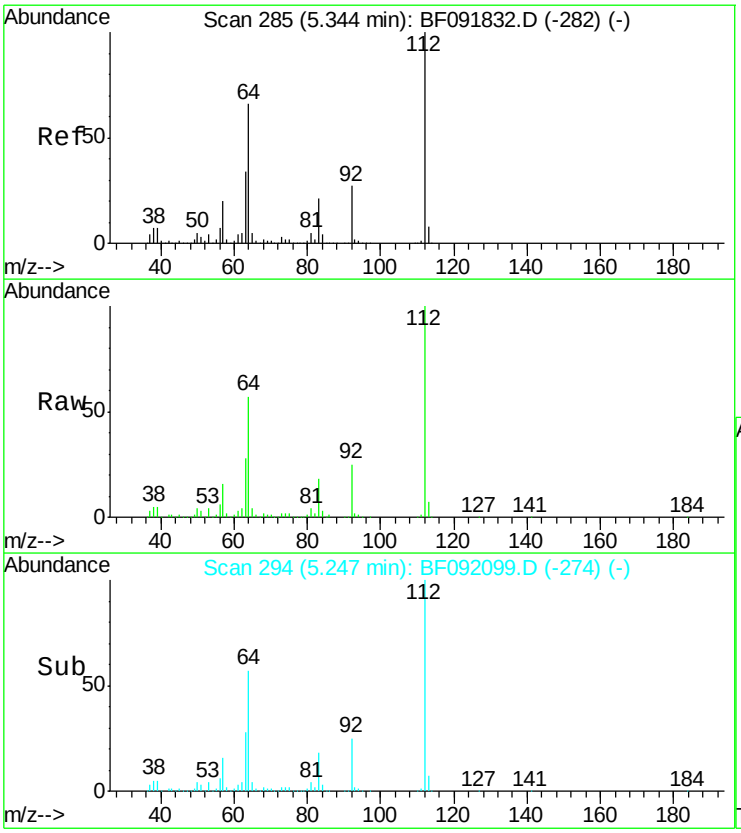
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:152 Resp: 197872

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.9	187.3
115	54.2	46.0	69.0

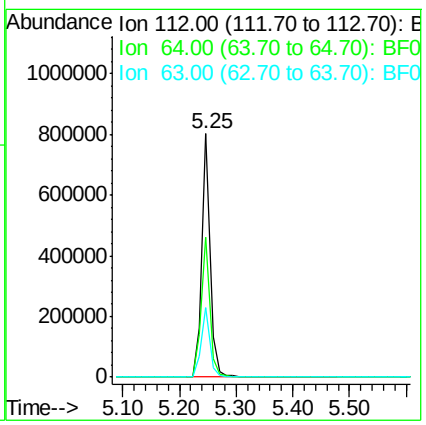


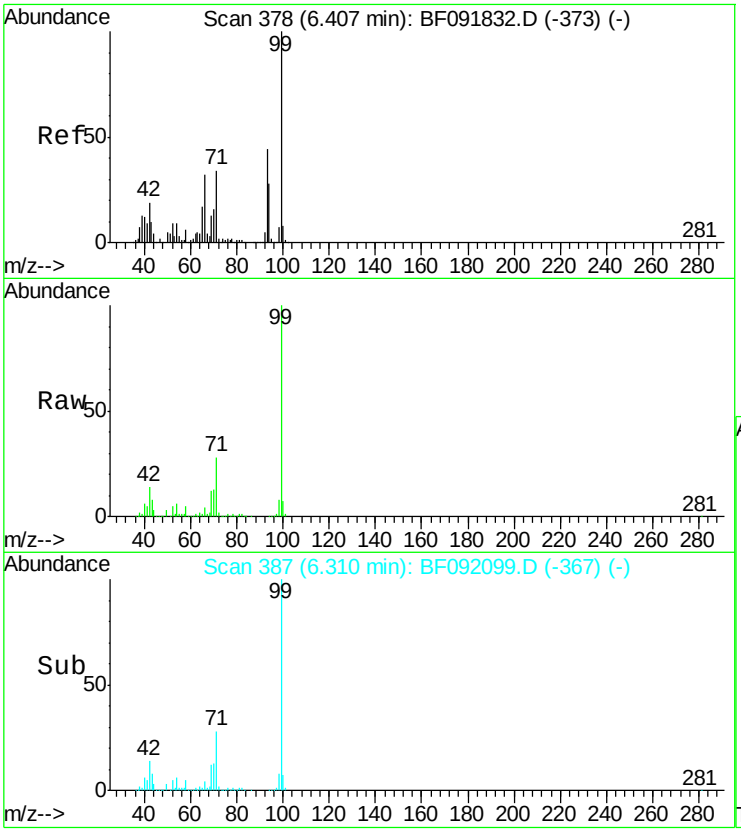


#5
2-Fluorophenol
Concen: 66.07 ng
RT: 5.25 min Scan# 294
Delta R.T. -0.07 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion:112 Resp: 783013

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.1	69.1
63	28.3	23.8	35.6



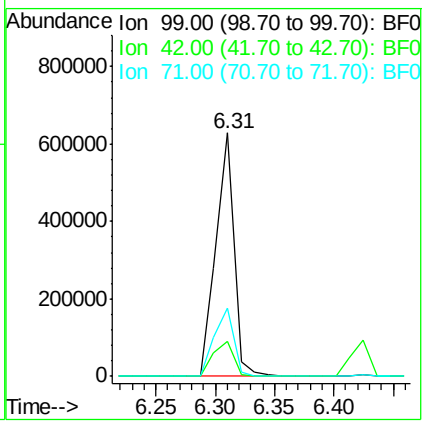


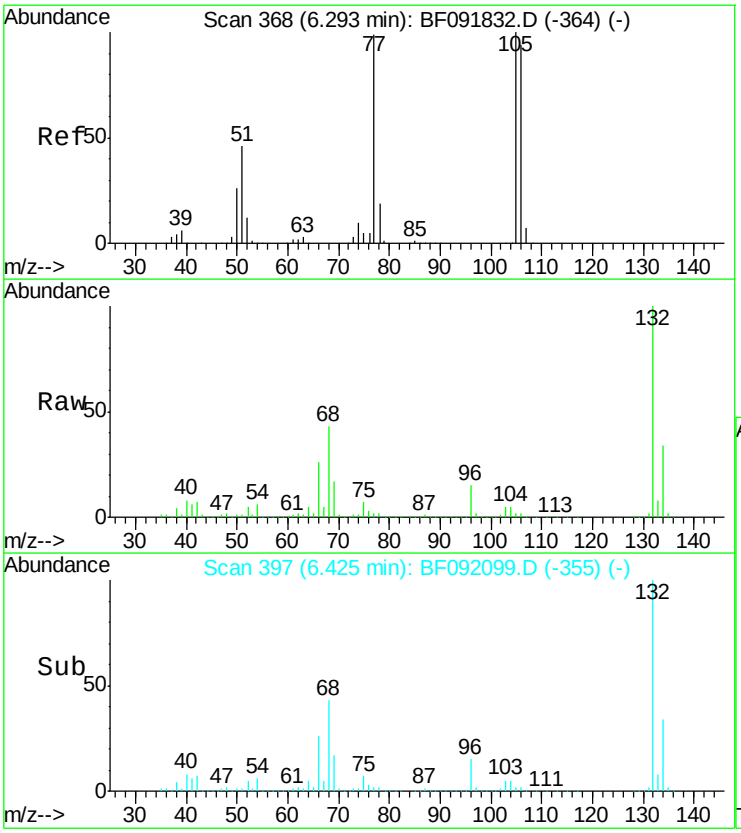
#7
Phenol-d6
Concen: 45.76 ng
RT: 6.31 min Scan# 387
Delta R.T. -0.07 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion: 99 Resp: 662048

Ion	Ratio	Lower	Upper
99	100		
42	14.5	15.6	23.4#
71	28.2	27.5	41.3

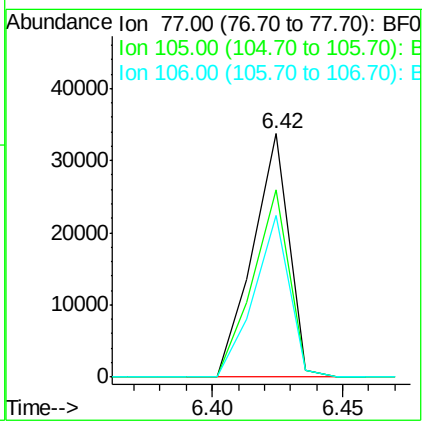


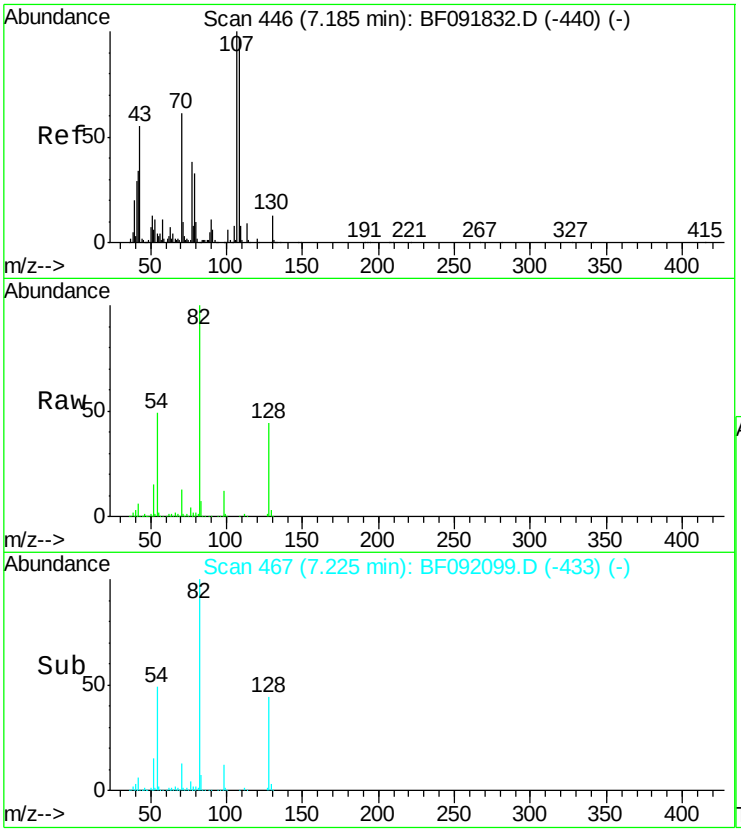


#9
Benzaldehyde
Concen: 2.83 ng
RT: 6.42 min Scan# 397
Delta R.T. 0.18 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion: 77 Resp: 33056

Ion	Ratio	Lower	Upper
77	100		
105	76.8	83.9	123.9#
106	66.3	77.6	117.6#



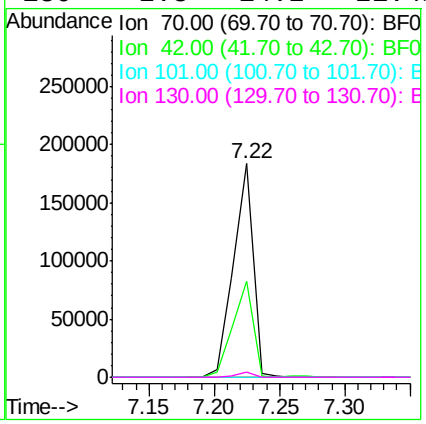


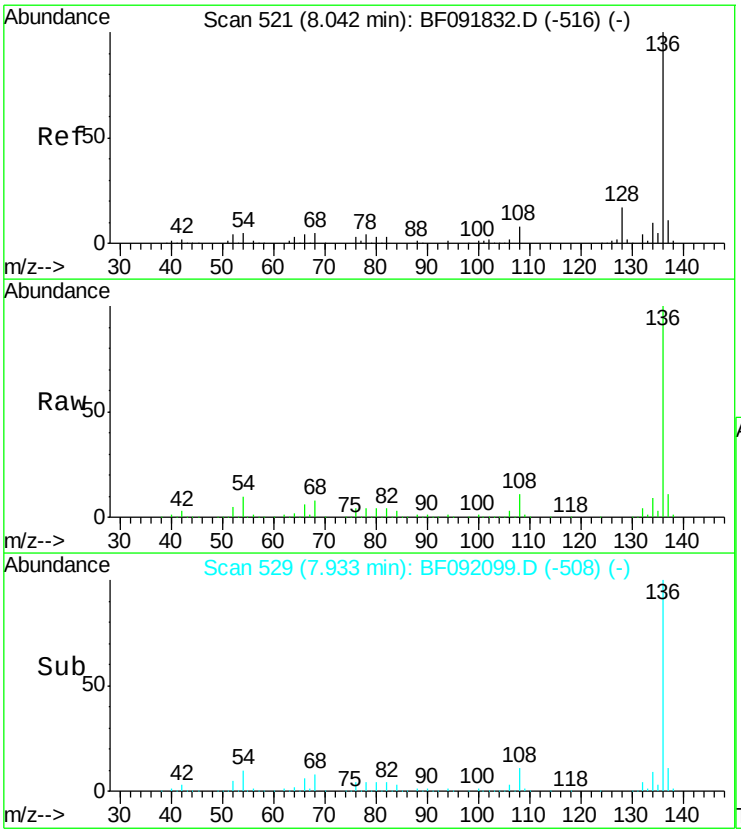
#19
n-Nitroso-di-n-propylamine
Concen: 19.93 ng
RT: 7.22 min Scan# 467
Delta R.T. 0.09 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion: 70 Resp: 191840

Ion	Ratio	Lower	Upper
70	100		
42	45.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

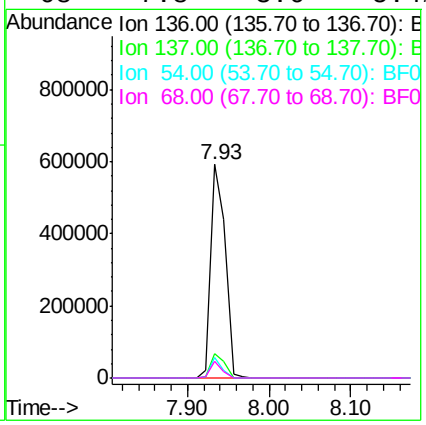


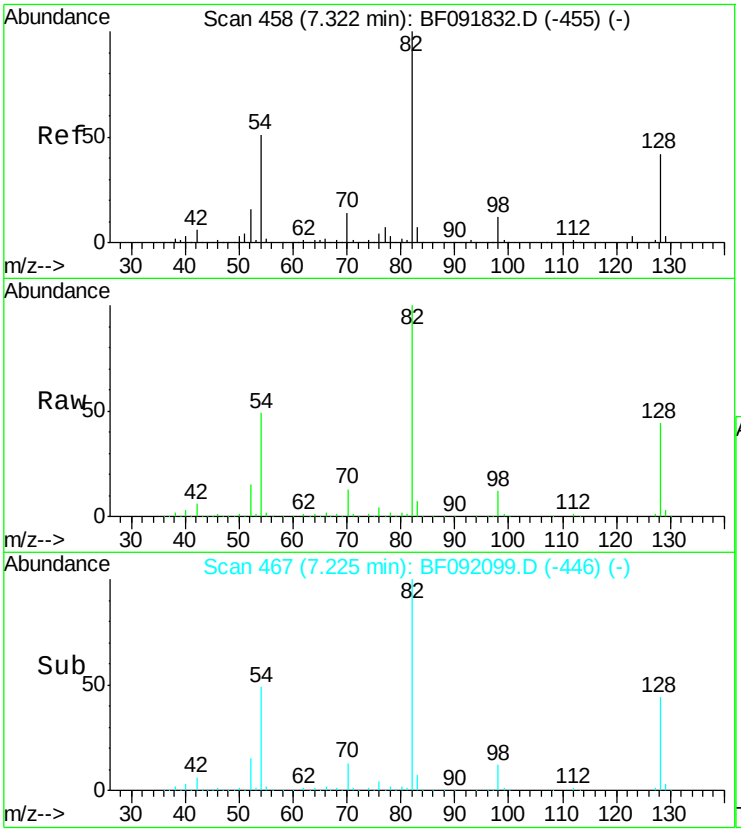


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion:136 Resp: 735251

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.6	4.5	6.7#
68	7.8	3.6	5.4#



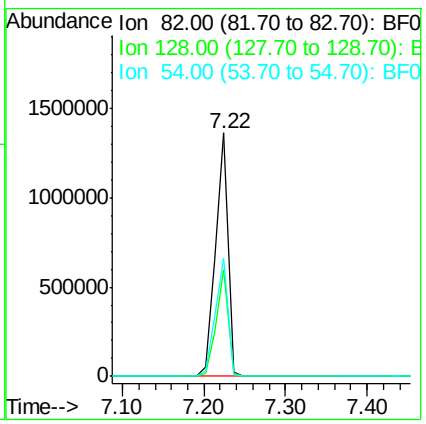


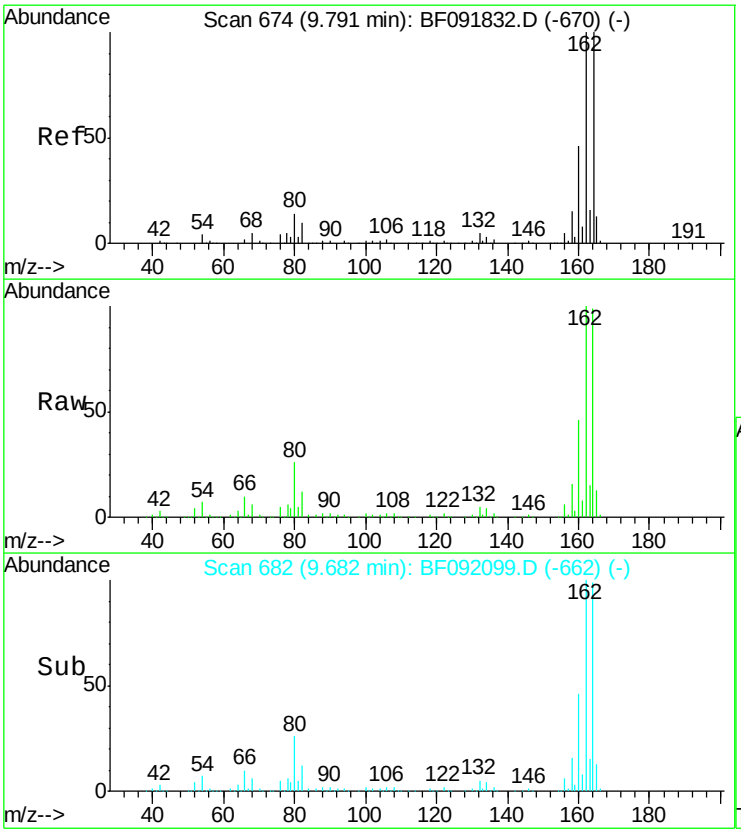
#23
Nitrobenzene-d5
Concen: 108.83 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.06 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion: 82 Resp: 1439041

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	48.6	39.5	59.3

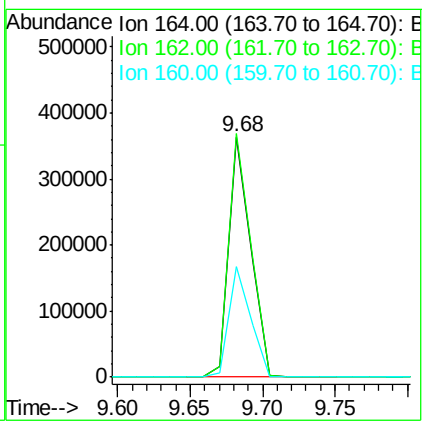


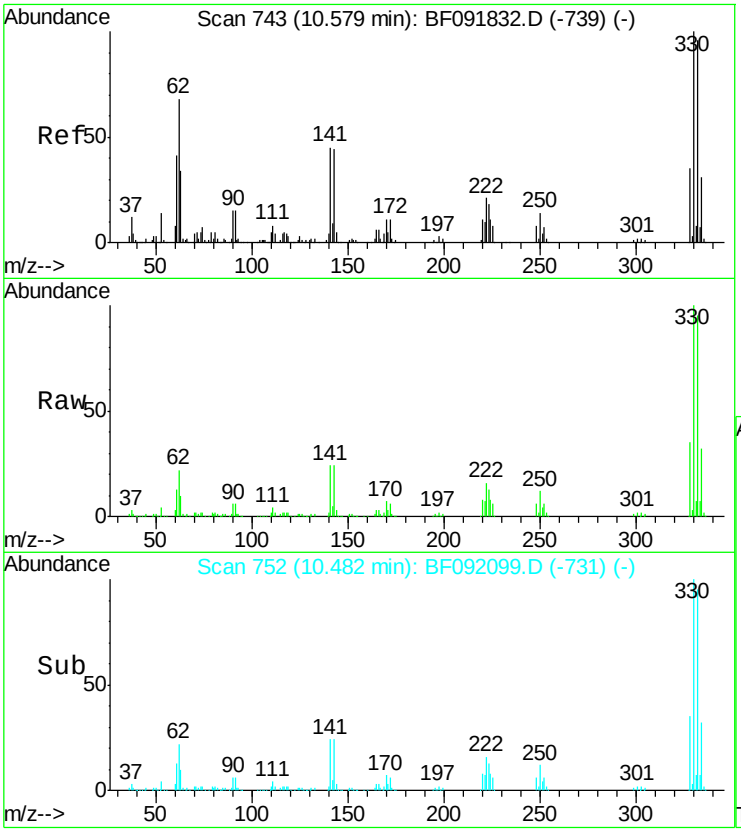


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion:164 Resp: 380357

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	46.1	36.9	55.3



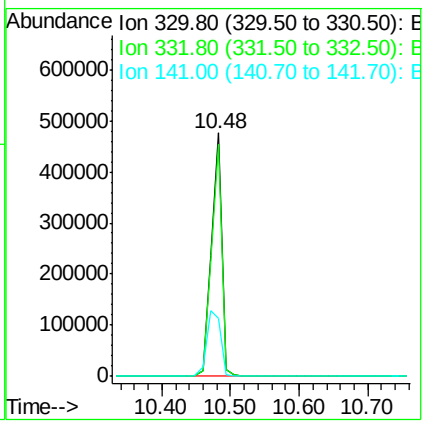


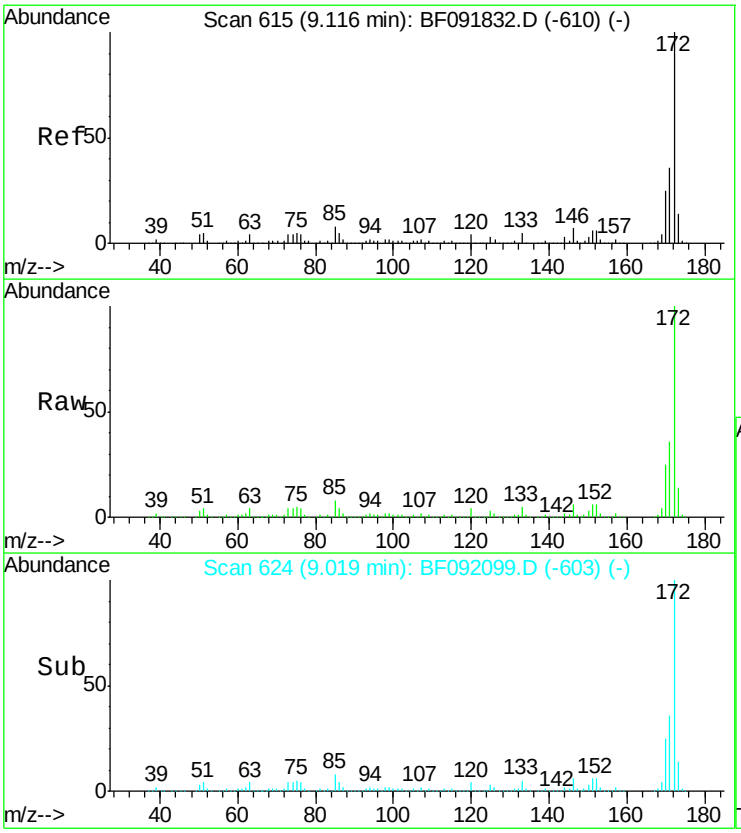
#41
2,4,6-Tribromophenol
Concen: 163.34 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:330 Resp: 514157

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	35.4	34.1	51.1

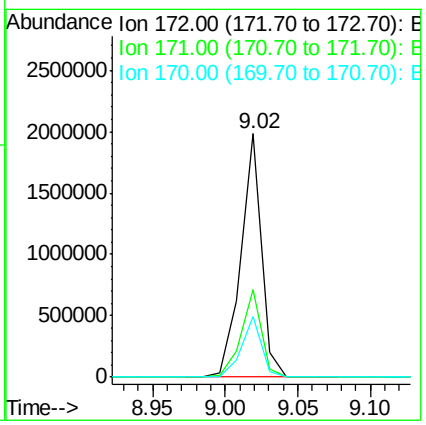


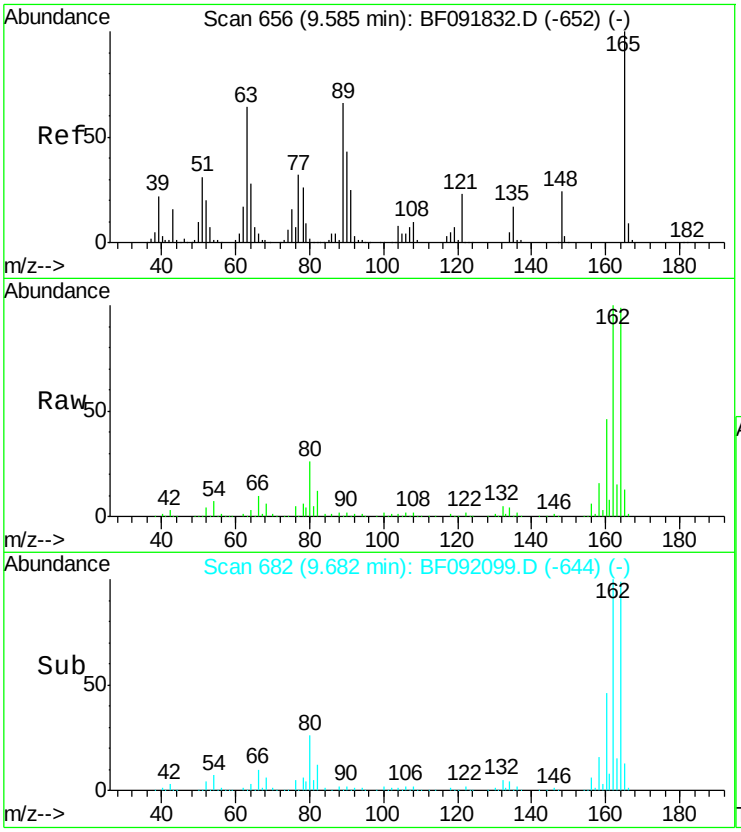


#44
2-Fluorobiphenyl
Concen: 108.69 ng
RT: 9.02 min Scan# 624
Delta R.T. -0.06 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion:172 Resp: 1950894

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.8	20.2	30.4



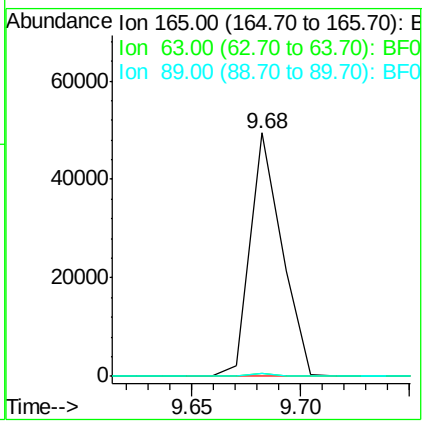


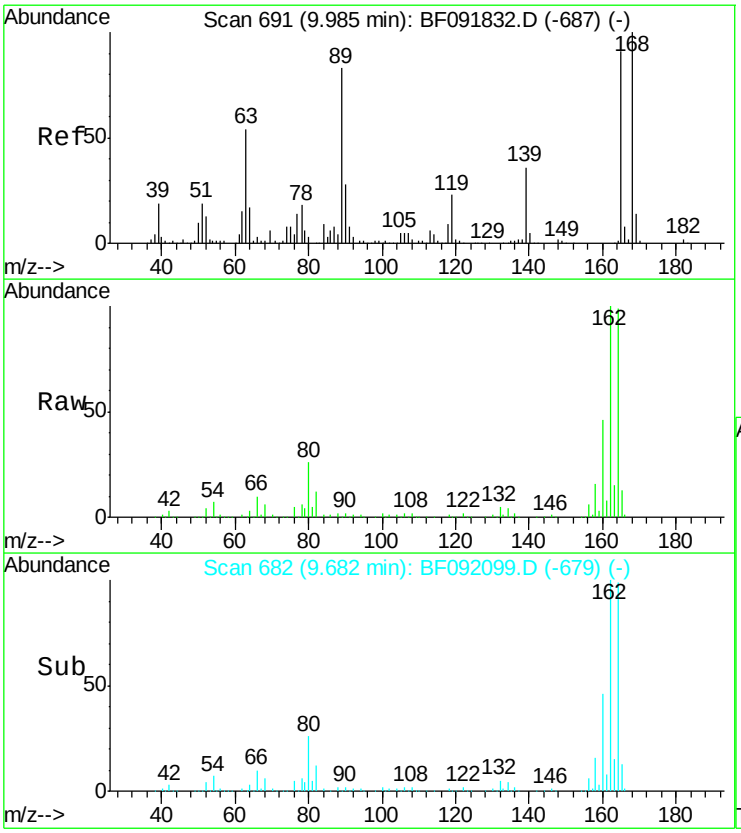
#50
2,6-Dinitrotoluene
Concen: 9.47 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.13 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:165 Resp: 50433

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	1.2	40.2	60.4#

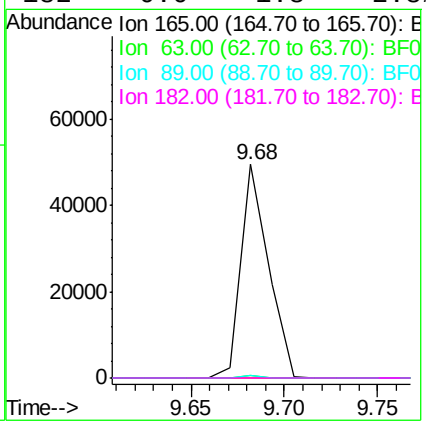


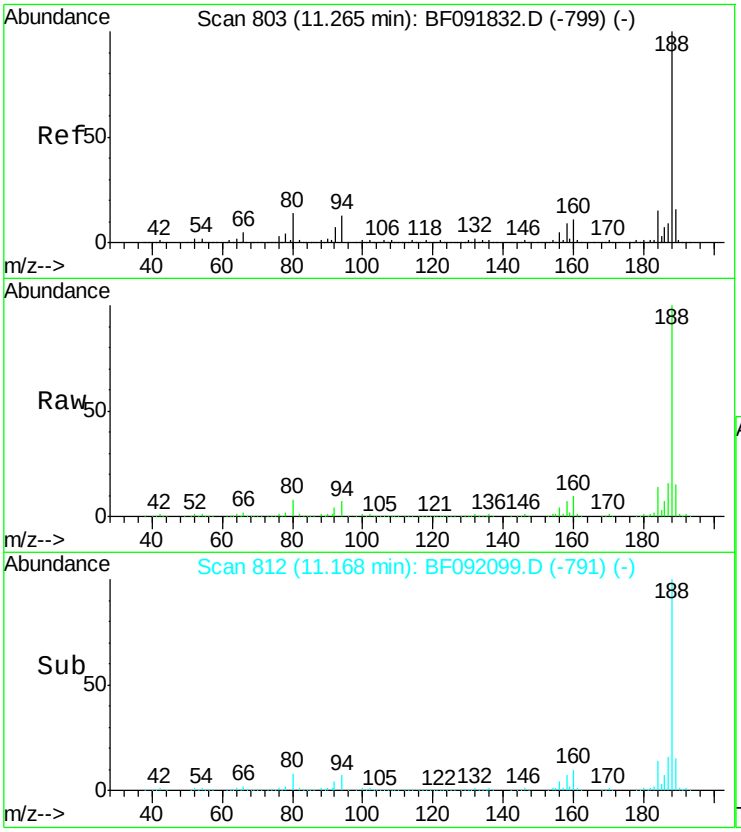


#56
2,4-Dinitrotoluene
Concen: 7.55 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.27 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion:165 Resp: 50435

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#



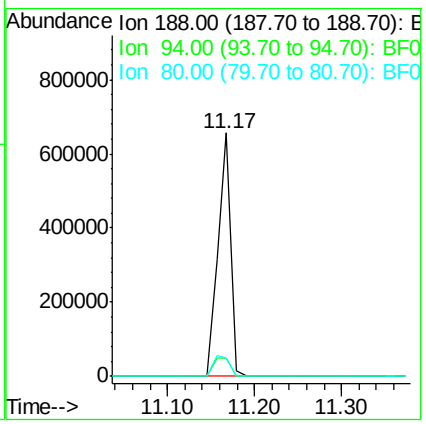


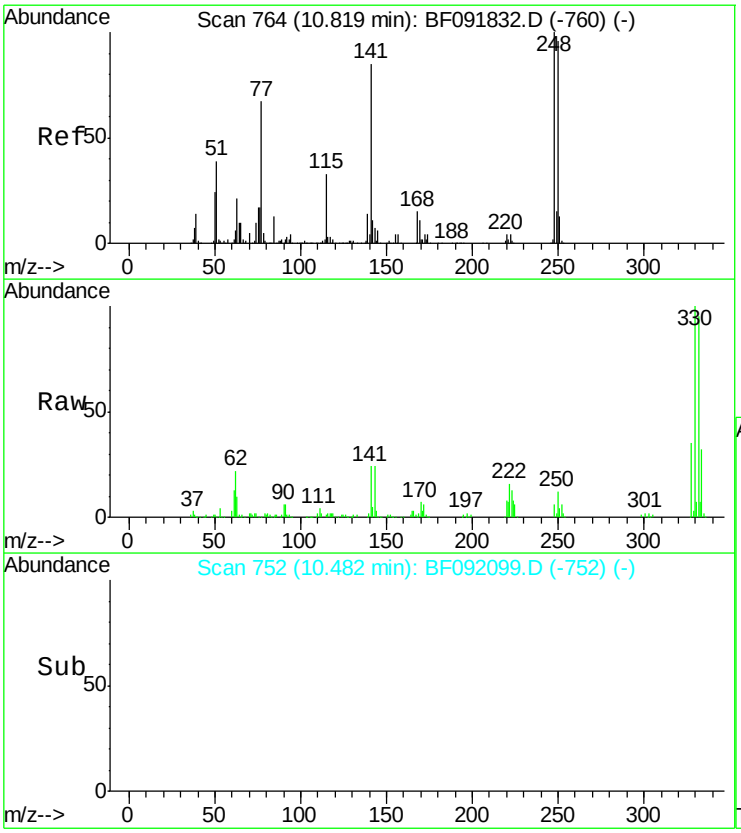
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:188 Resp: 685666

Ion	Ratio	Lower	Upper
188	100		
94	7.4	10.0	15.0#
80	7.5	11.2	16.8#

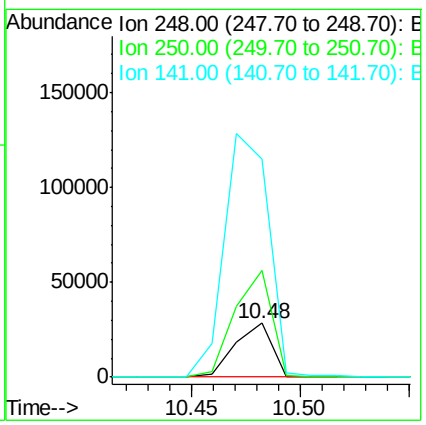


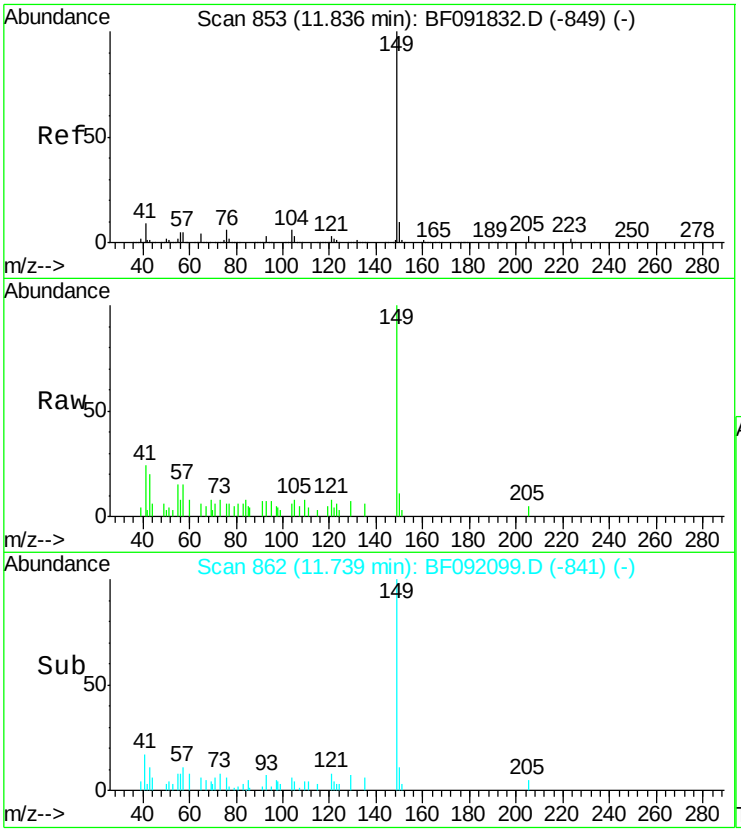


#66
4-Bromophenyl-phenylether
Concen: 4.70 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.30 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion:248 Resp: 33555

Ion	Ratio	Lower	Upper
248	100		
250	196.8	76.9	115.3#
141	403.9	68.2	102.4#



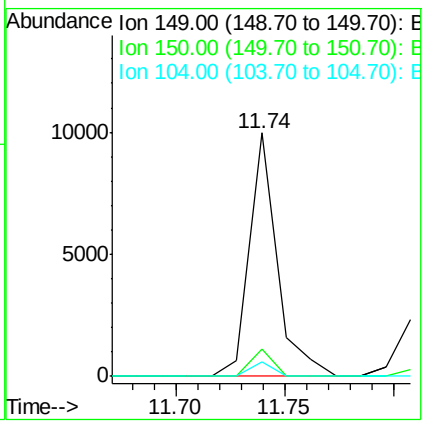


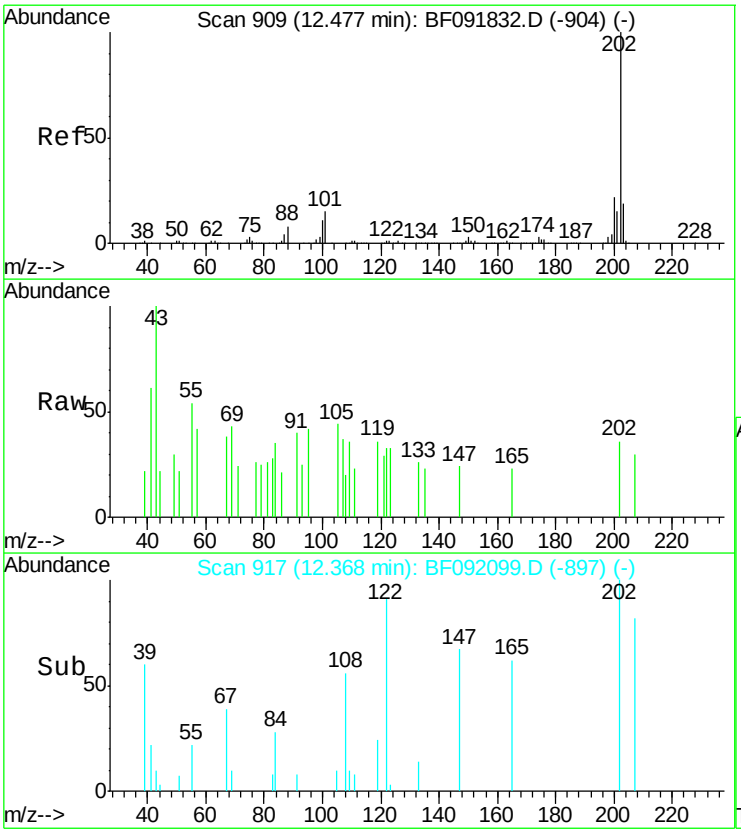
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.74 min Scan# 862
Delta R.T. -0.06 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:149 Resp: 8853

Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.1	12.1
104	5.9	4.6	7.0

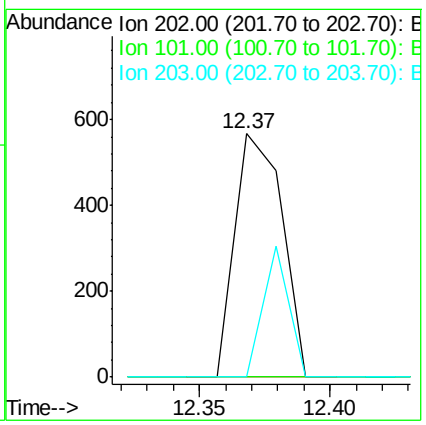


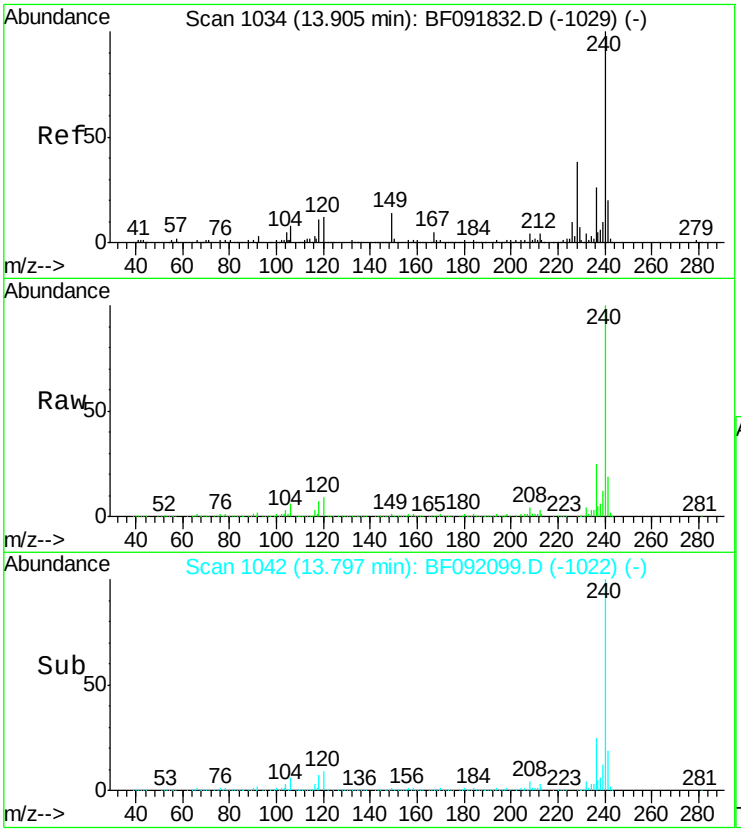


#74
Fluoranthene
Concen: Below Cal
RT: 12.37 min Scan# 917
Delta R.T. -0.07 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion:202 Resp: 719

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



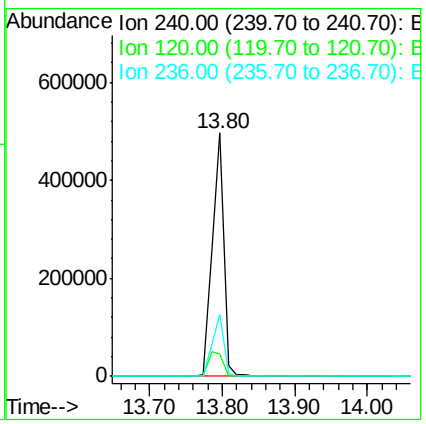


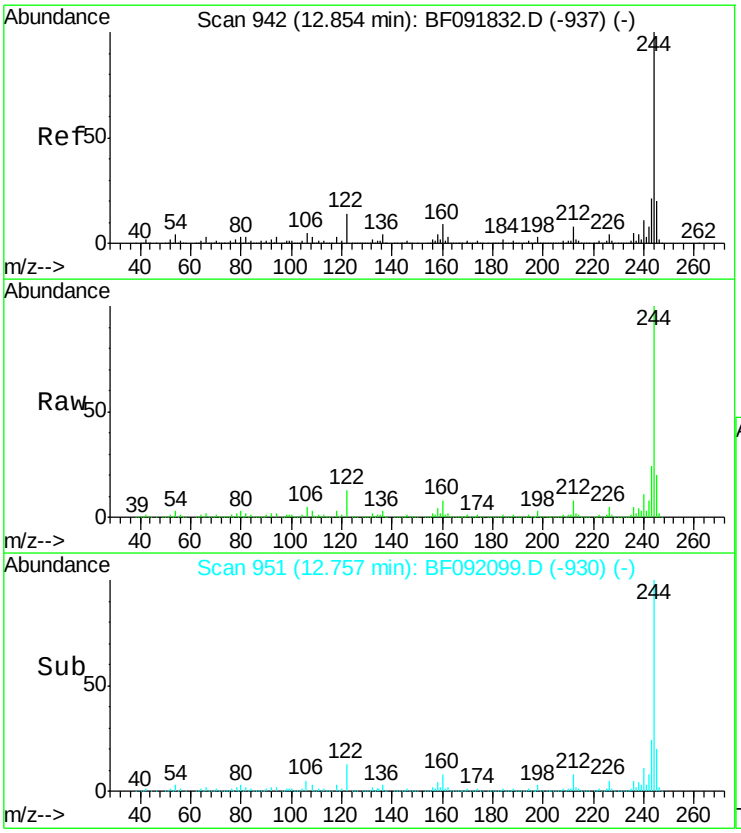
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:240 Resp: 549039

Ion	Ratio	Lower	Upper
240	100		
120	8.9	12.9	19.3#
236	25.4	20.9	31.3

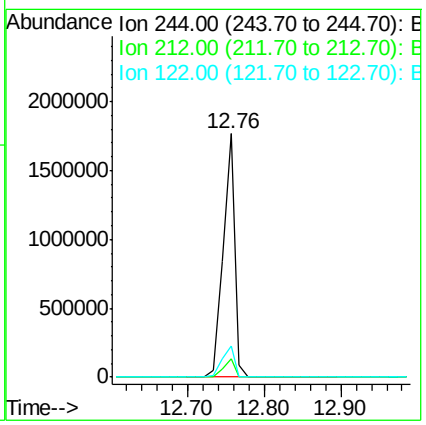


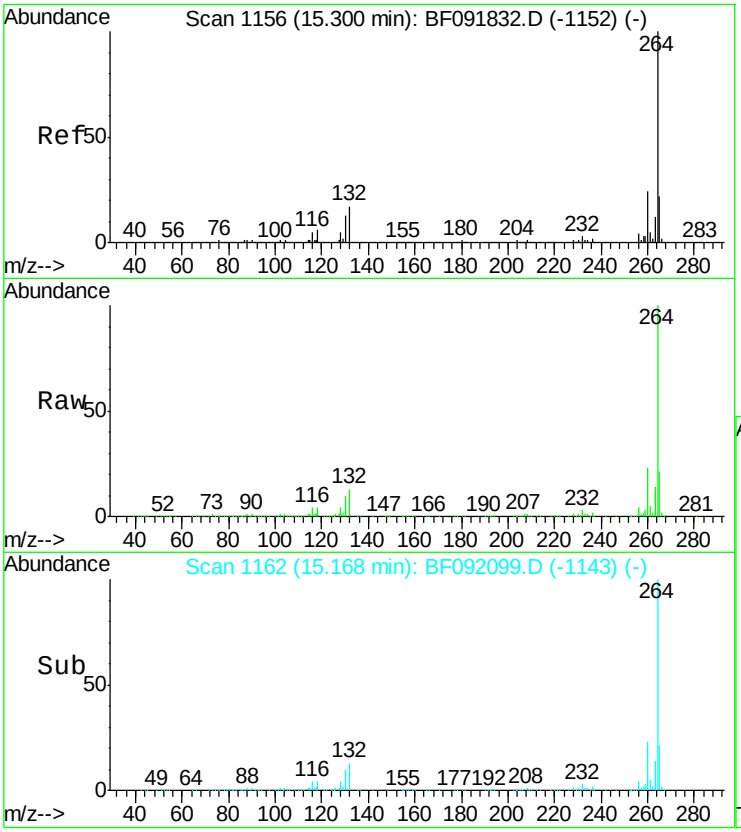


#78
Terphenyl-d14
Concen: 83.70 ng
RT: 12.76 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion:244 Resp: 1894806

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.9	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. -0.09 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:264 Resp: 397796

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	17.4	26.0