Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091309.D
Acq On : 24 Nov 2016 11:45
Operator : UM/SJ
Sample : H5721-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Time: Nov 24 23:45:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	359290	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1438175	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	668990	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	974148	20.00	ng	0.00
75) Chrysene-d12	14.03	240	853258	20.00	ng	-0.01
86) Perylene-d12	15.48	264	656956	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	648201	28.99	ng	0.01
7) Phenol-d6	6.50	99	527639	18.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	1281443	51.30	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	176439	26.15	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1912139	46.80	ng	0.00
78) Terphenyl-d14	12.99	244	1500664	40.17	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	173680	9.64	ng	# 69
50) 2,6-Dinitrotoluene	9.92	165	87632	9.60	ng	# 17
56) 2,4-Dinitrotoluene	9.92	165	87635	7.59	ng	# 33

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

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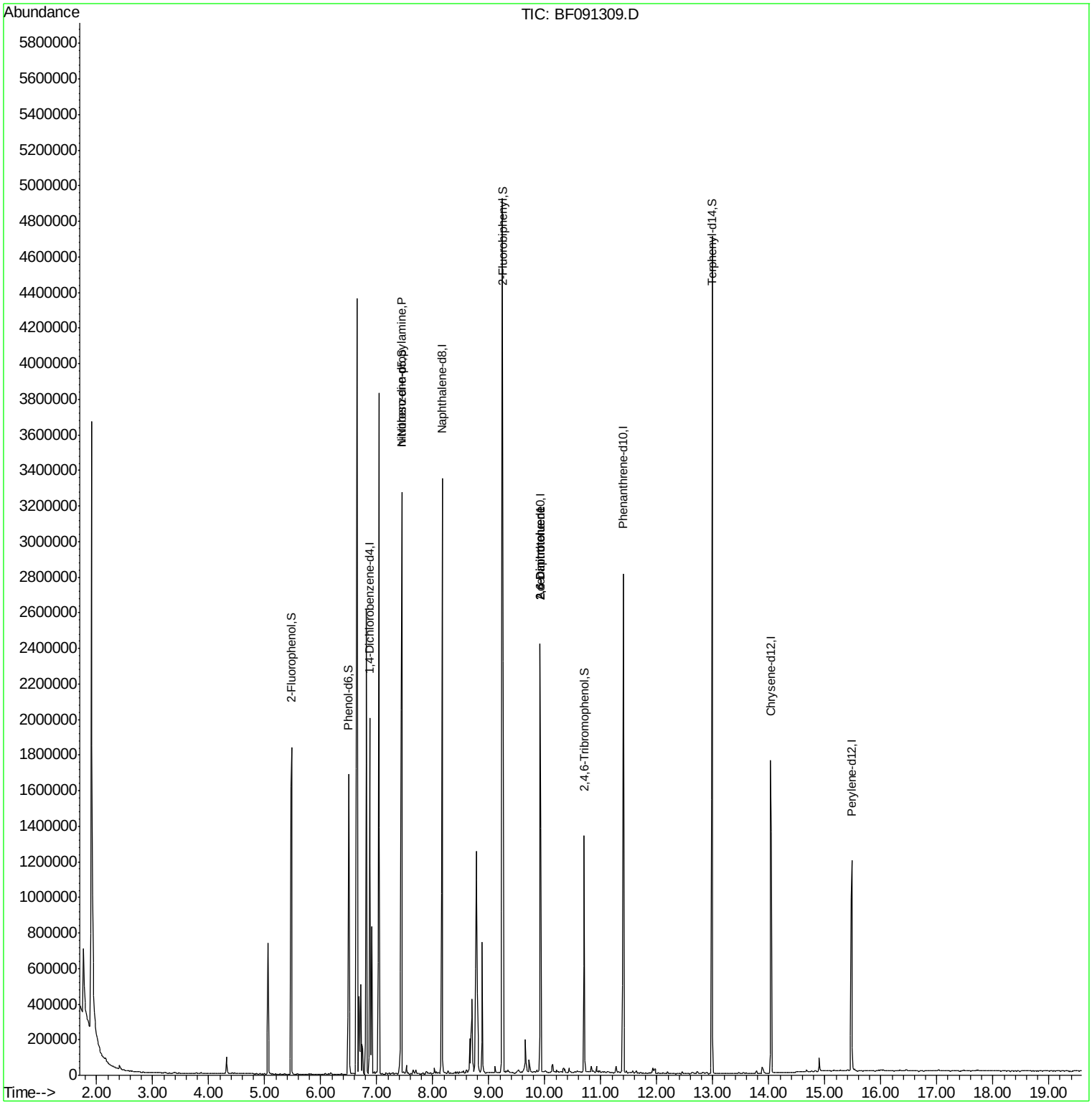
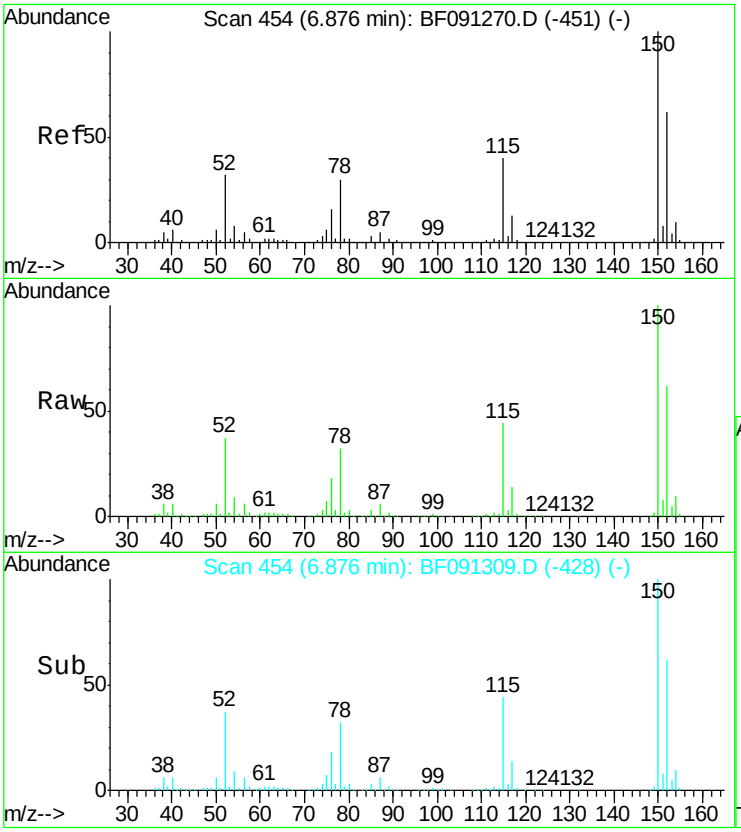


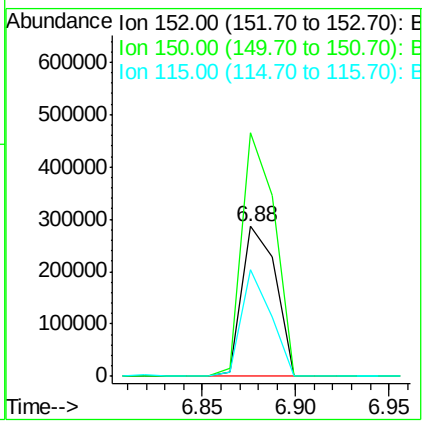


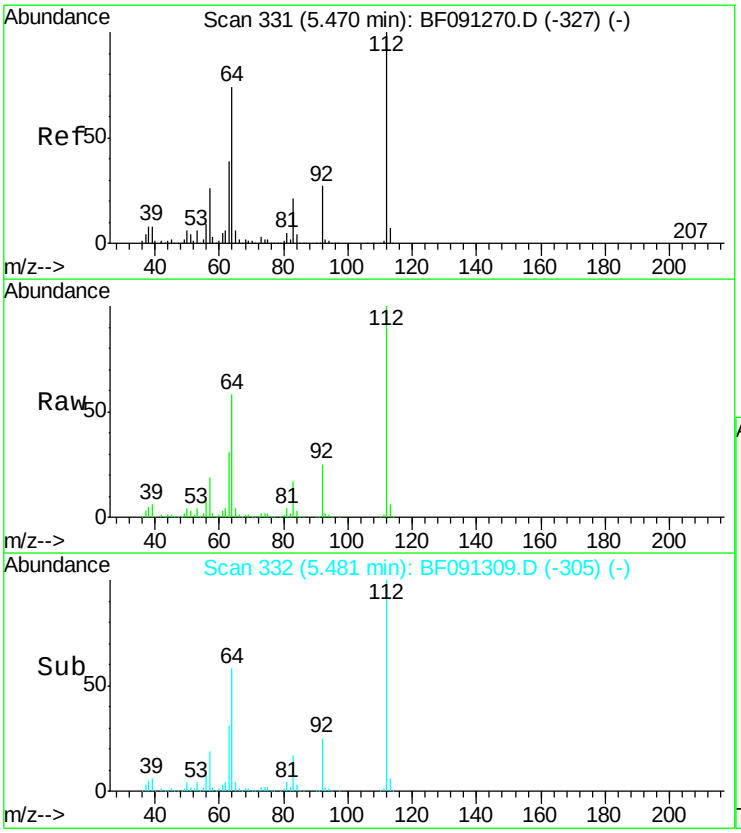
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF091309.D
Acq: 24 Nov 2016 11:45

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 359290

Ion	Ratio	Lower	Upper
152	100		
150	162.3	122.5	183.7
115	70.7	51.8	77.8

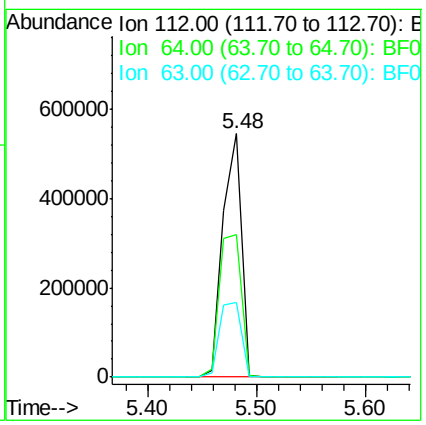


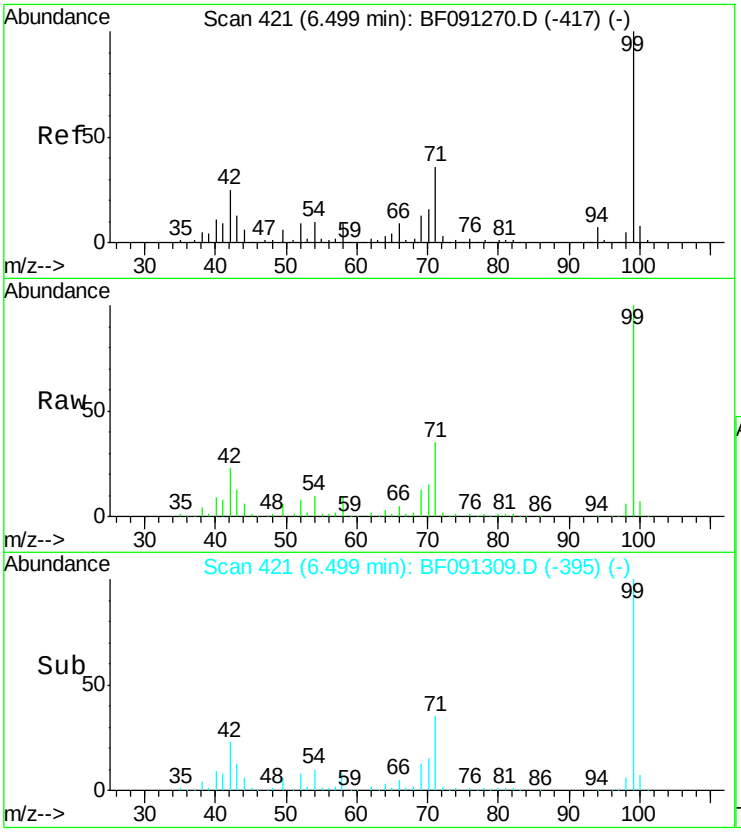


#5
2-Fluorophenol
Concen: 28.99 ng
RT: 5.48 min Scan# 332
Delta R.T. 0.01 min
Lab File: BF091309.D
Acq: 24 Nov 2016 11:45

Tgt Ion:112 Resp: 648201

Ion	Ratio	Lower	Upper
112	100		
64	58.4	61.5	92.3#
63	30.5	33.3	49.9#



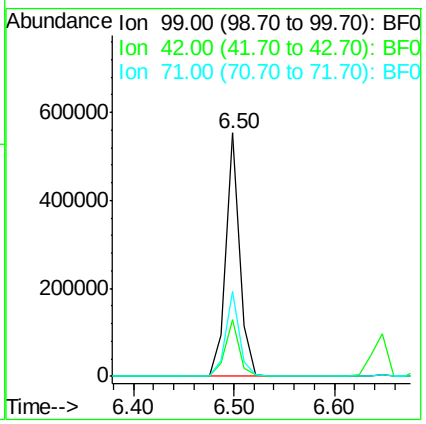


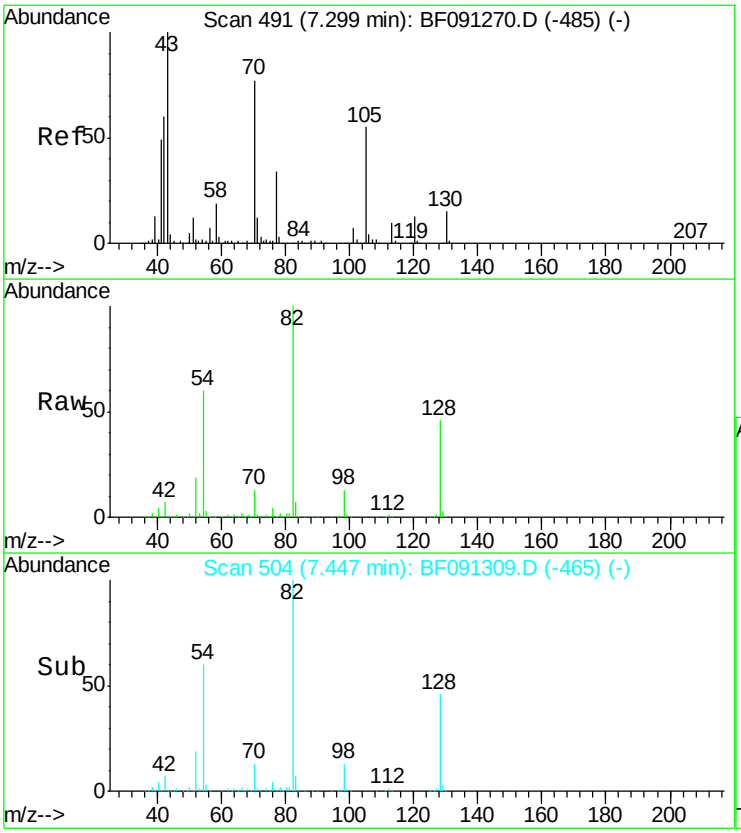
#7
Phenol-d6
Concen: 18.36 ng
RT: 6.50 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF091309.D
Acq: 24 Nov 2016 11:45

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 527639

Ion	Ratio	Lower	Upper
99	100		
42	23.5	20.6	31.0
71	34.9	29.9	44.9

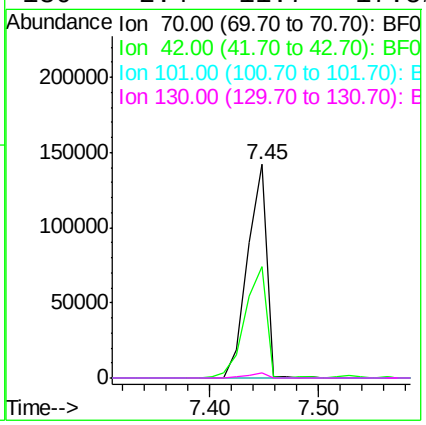


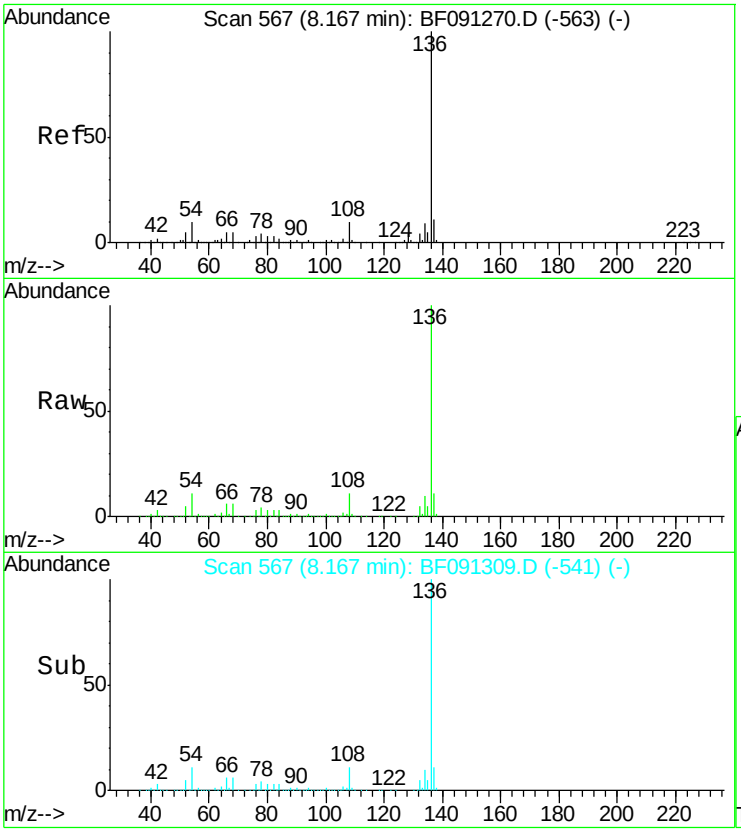


#19
n-Nitroso-di-n-propylamine
Concen: 9.64 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.15 min
Lab File: BF091309.D
Acq: 24 Nov 2016 11:45

Tgt Ion: 70 Resp: 173680

Ion	Ratio	Lower	Upper
70	100		
42	52.2	64.8	97.2#
101	0.0	6.2	9.4#
130	2.4	11.7	17.5#



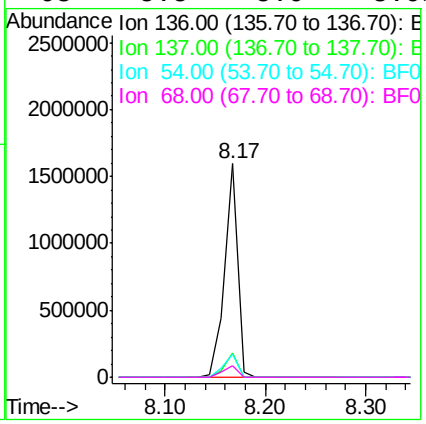


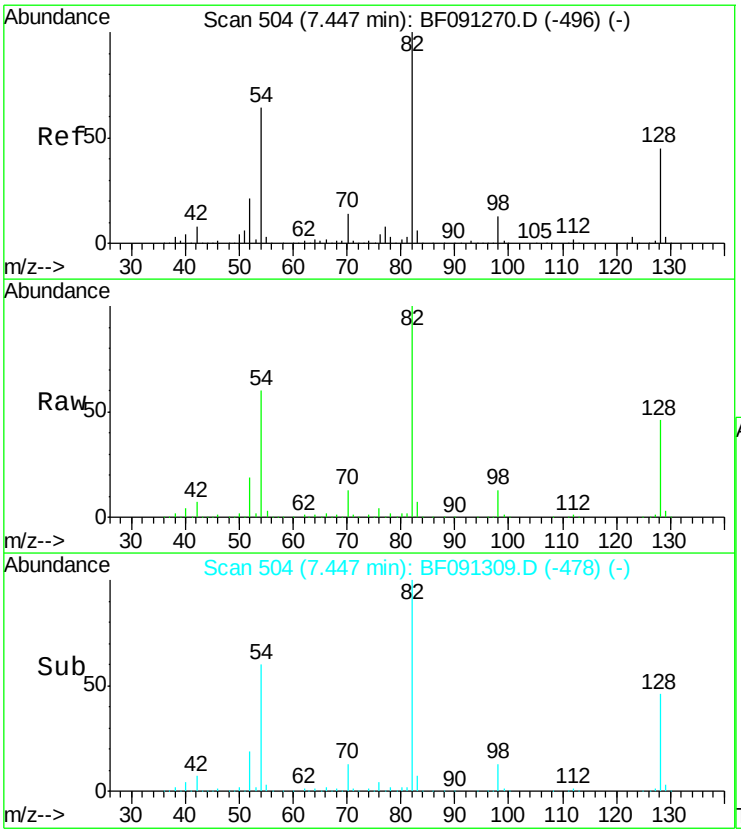
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091309.D
Acq: 24 Nov 2016 11:45

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:136 Resp: 1438175

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.8	9.1	13.7
68	5.5	5.9	8.9#

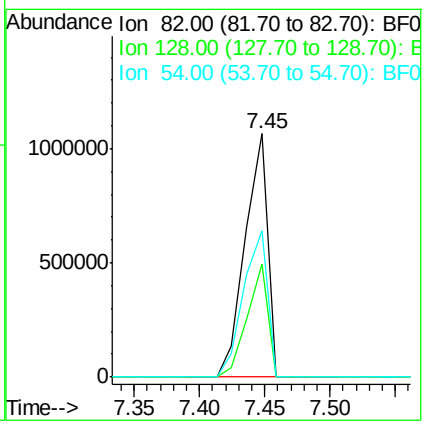


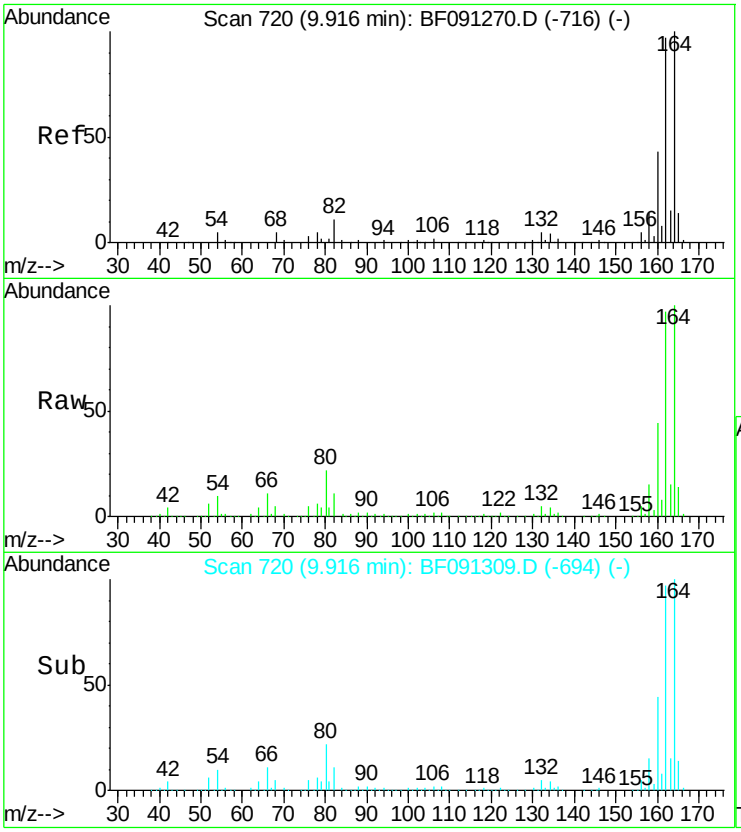


#23
Nitrobenzene-d5
Concen: 51.30 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF091309.D
Acq: 24 Nov 2016 11:45

Tgt Ion: 82 Resp: 1281443

Ion	Ratio	Lower	Upper
82	100		
128	46.5	31.8	47.6
54	60.0	49.1	73.7



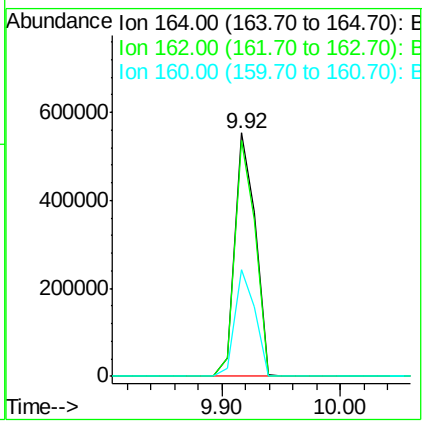


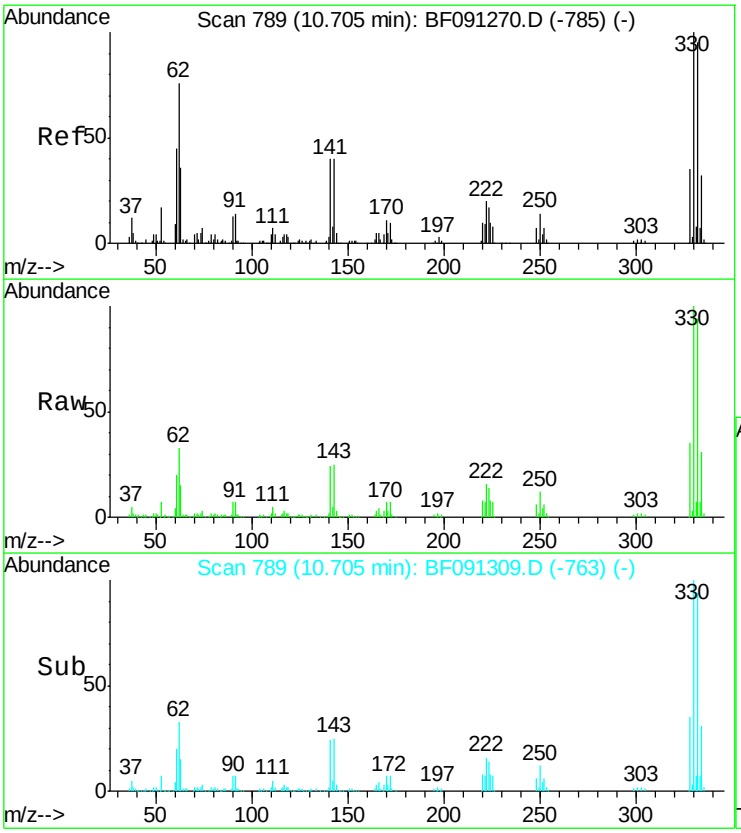
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091309.D
Acq: 24 Nov 2016 11:45

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:164 Resp: 668990

Ion	Ratio	Lower	Upper
164	100		
162	96.9	82.6	124.0
160	43.7	36.7	55.1

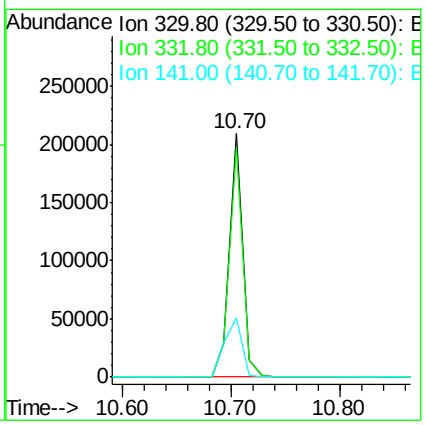


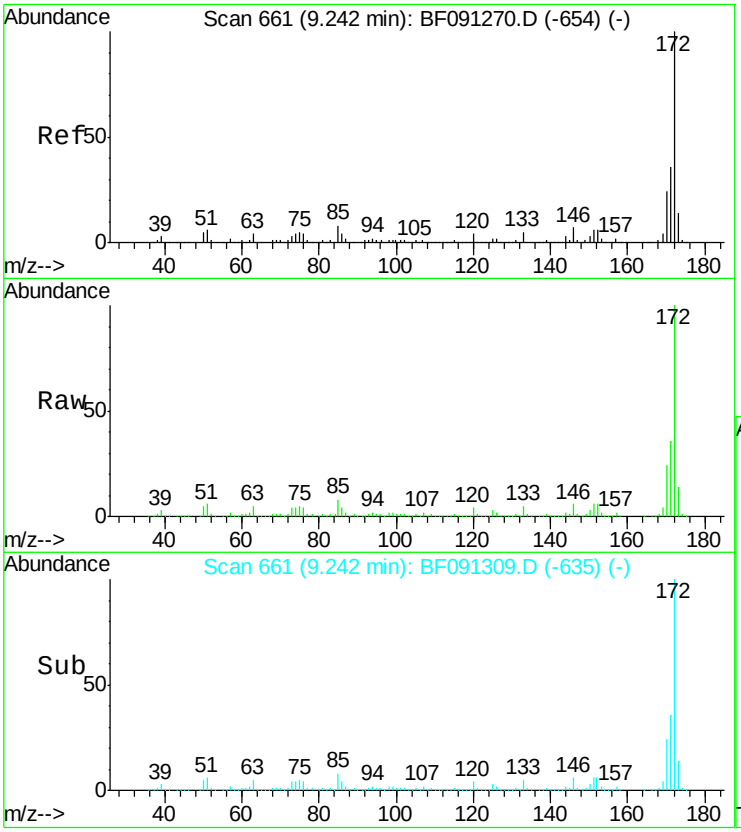


#41
2,4,6-Tribromophenol
Concen: 26.15 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF091309.D
Acq: 24 Nov 2016 11:45

Tgt Ion:330 Resp: 176439

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	32.2	33.6	50.4#



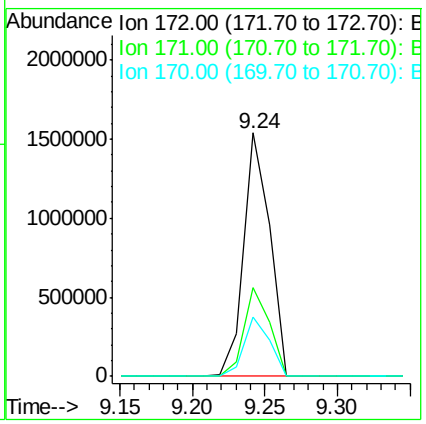


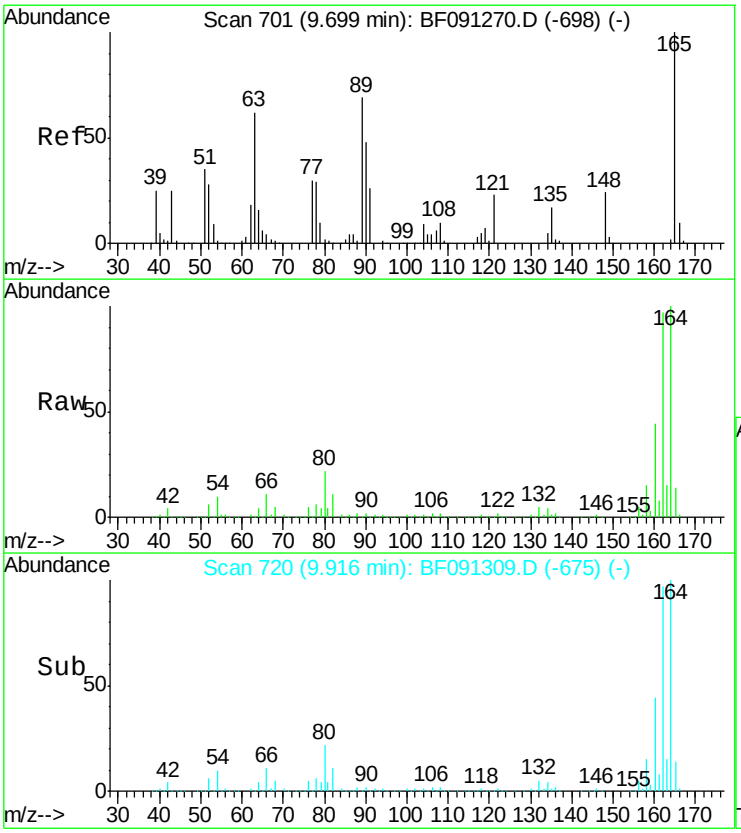
#44
2-Fluorobiphenyl
Concen: 46.80 ng
RT: 9.24 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091309.D
Acq: 24 Nov 2016 11:45

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:172 Resp: 1912139

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.2	19.7	29.5





#50
2,6-Dinitrotoluene
Concen: 9.60 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.22 min
Lab File: BF091309.D
Acq: 24 Nov 2016 11:45

Tgt Ion:165 Resp: 87632

Ion	Ratio	Lower	Upper
165	100		
63	1.2	59.4	89.0#
89	1.0	50.8	76.2#