Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091090.D
Acq On : 8 Nov 2016 19:01
Operator : UM/SJ
Sample : H5581-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW25

Quant Time: Nov 09 02:24:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	174440	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	744830	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	385373	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	662060	20.00	ng	0.00
75) Chrysene-d12	13.80	240	483137	20.00	ng	-0.01
86) Perylene-d12	15.19	264	346606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	736459	69.73	ng	0.01
7) Phenol-d6	6.30	99	596949	41.64	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1298483	95.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	505580	145.11	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2044727	91.35	ng	-0.01
78) Terphenyl-d14	12.76	244	2078741	107.37	ng	0.00
Target Compounds						Qvalue

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

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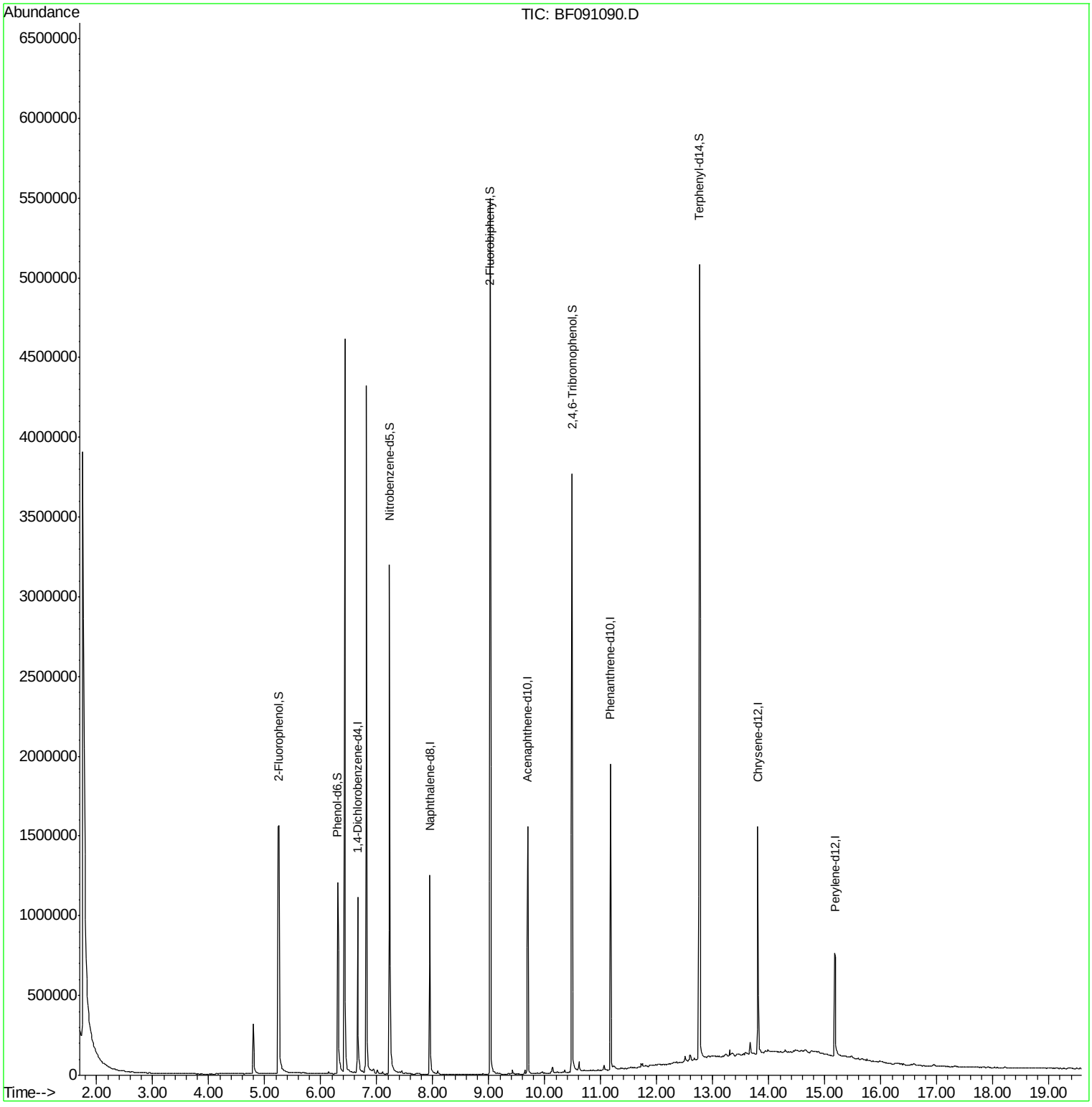
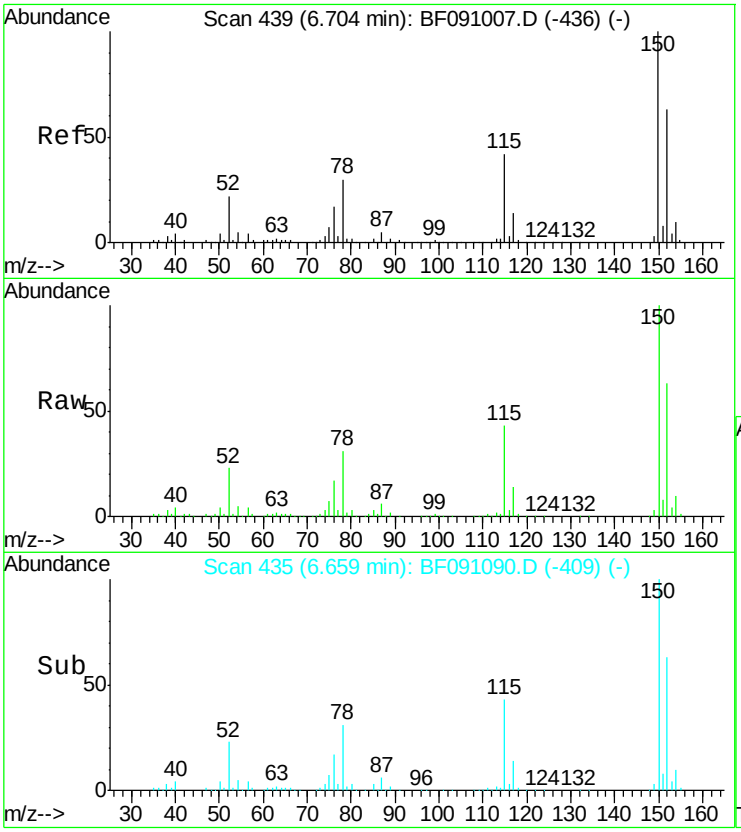


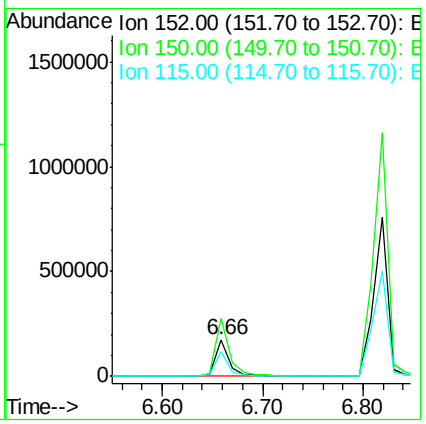


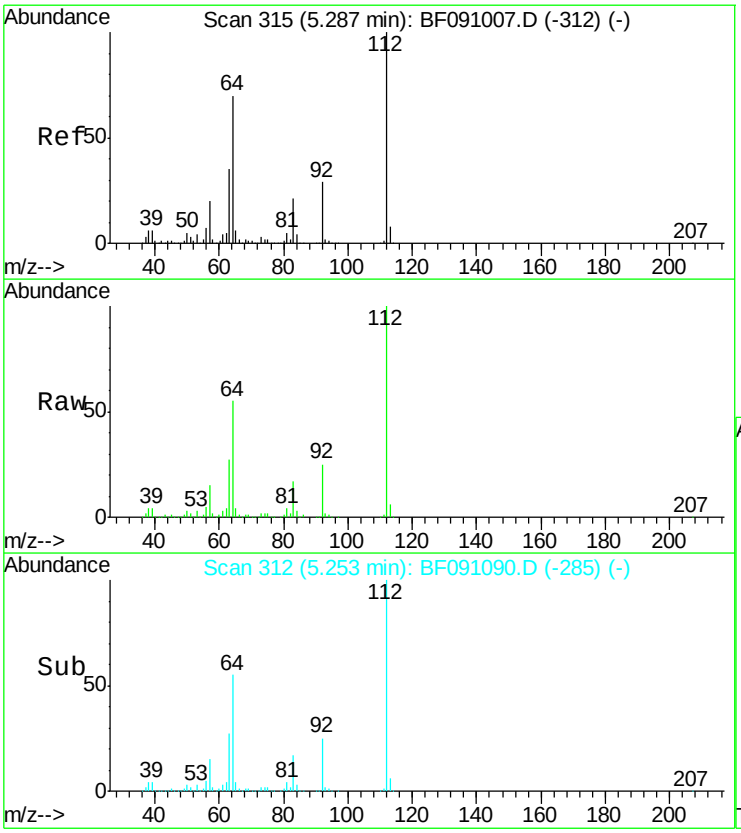
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:152 Resp: 174440

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.8	190.2
115	67.7	53.3	79.9

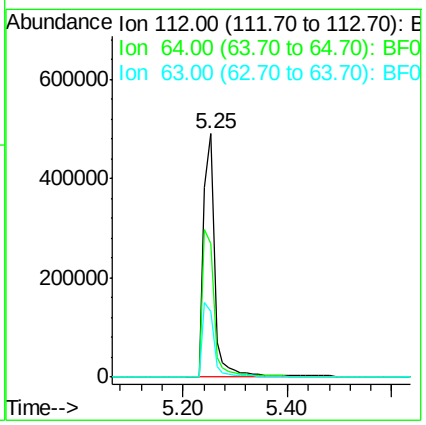


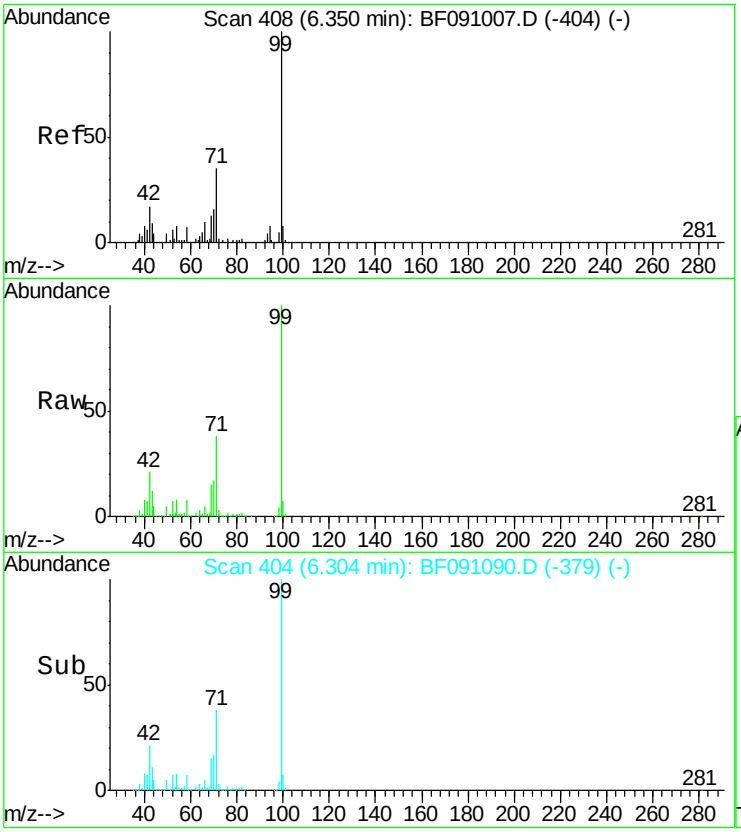


#5
2-Fluorophenol
Concen: 69.73 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:112 Resp: 736459

Ion	Ratio	Lower	Upper
112	100		
64	54.6	55.8	83.6#
63	27.1	28.0	42.0#



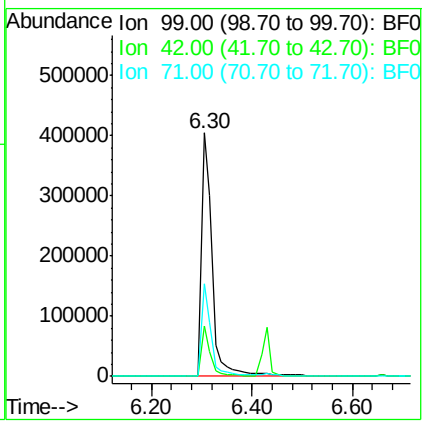


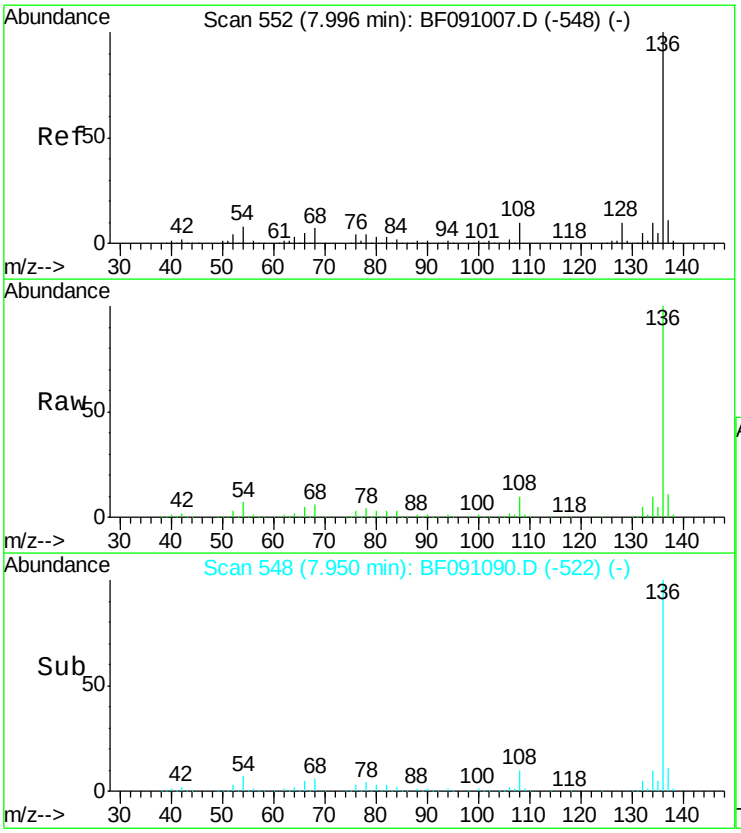
#7
Phenol-d6
Concen: 41.64 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion: 99 Resp: 596949

Ion	Ratio	Lower	Upper
99	100		
42	20.7	13.9	20.9
71	38.3	27.8	41.8

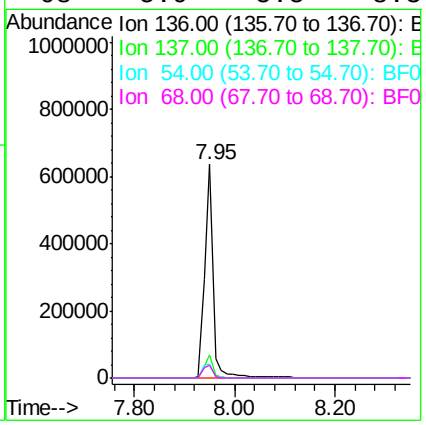


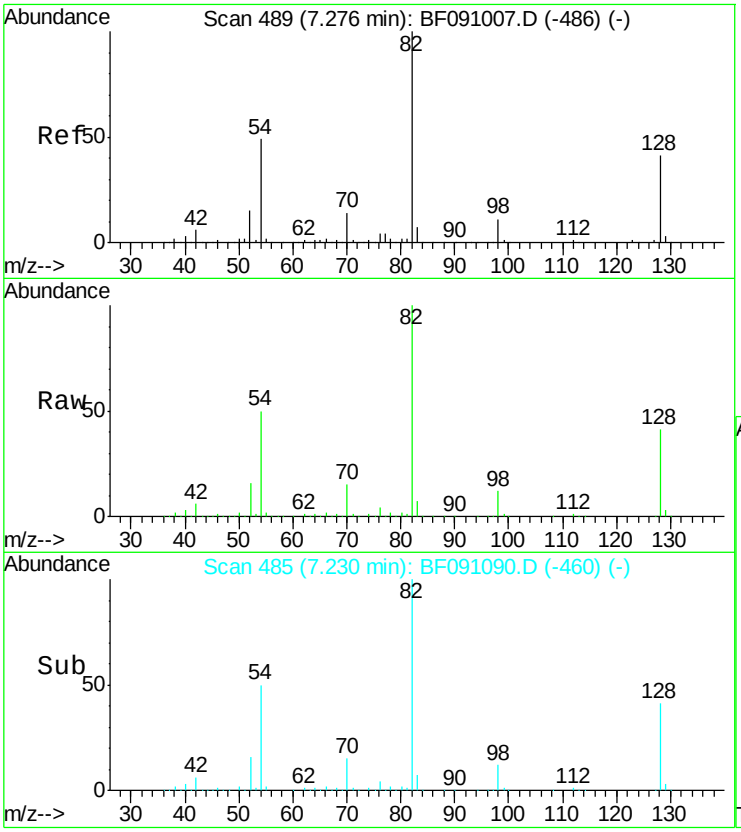


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:136 Resp: 744830

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.2	9.2
68	5.9	5.5	8.3



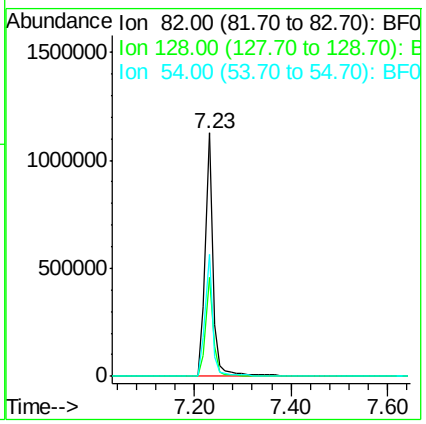


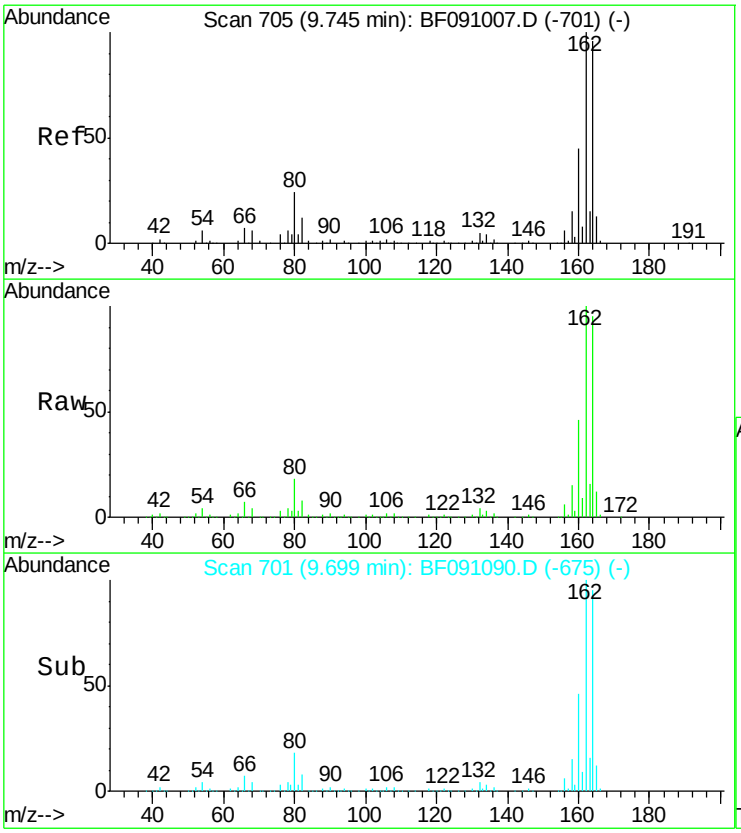
#23
Nitrobenzene-d5
Concen: 95.10 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion: 82 Resp: 1298483

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.4	48.6
54	50.3	39.2	58.8

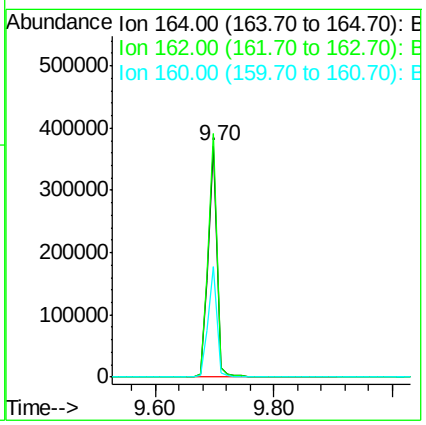


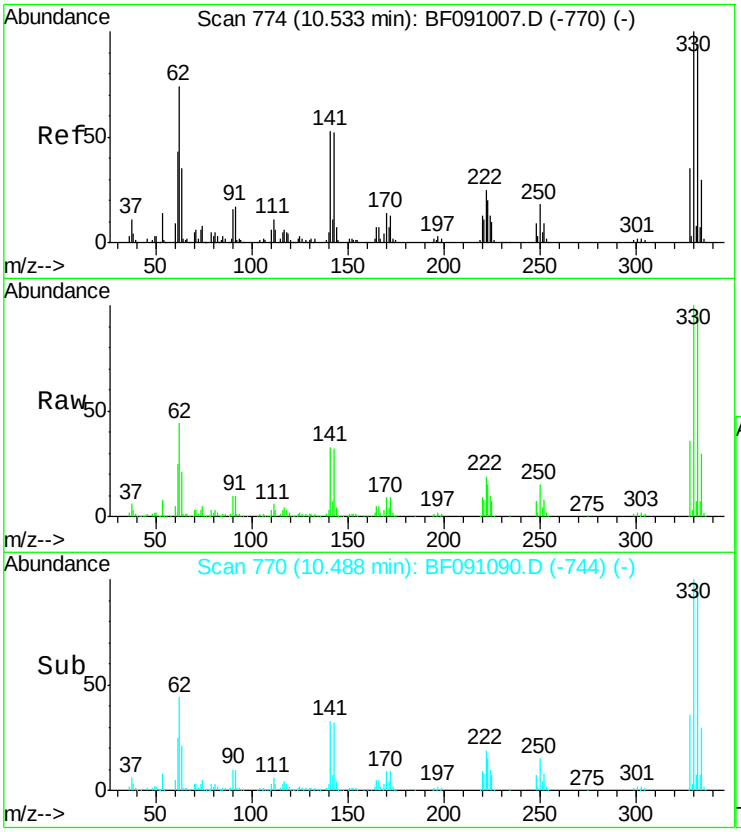


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:164 Resp: 385373

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.6	125.4
160	48.1	37.9	56.9



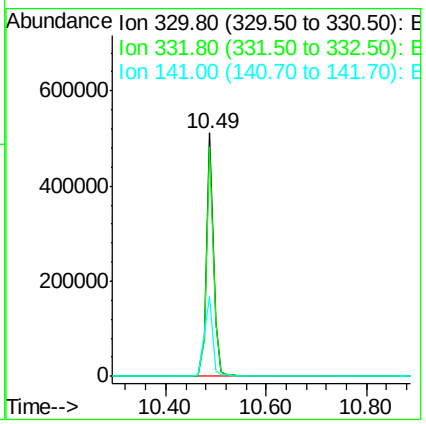


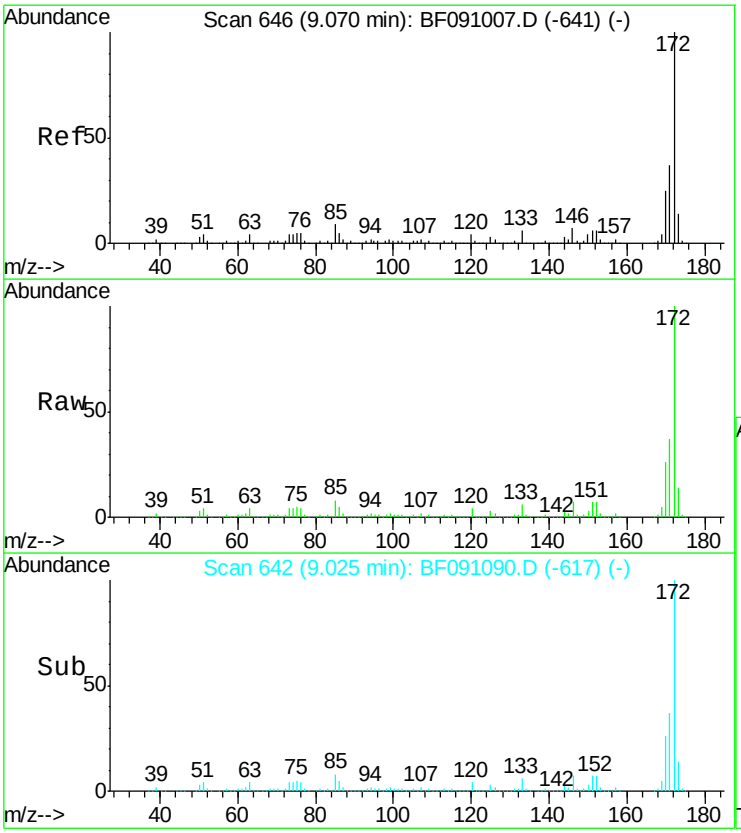
#41
2,4,6-Tribromophenol
Concen: 145.11 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:330 Resp: 505580

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.9	113.9
141	39.2	36.1	54.1

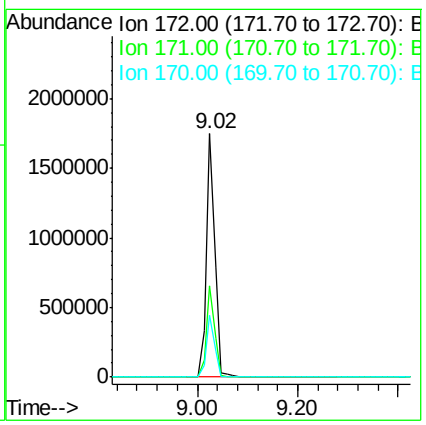


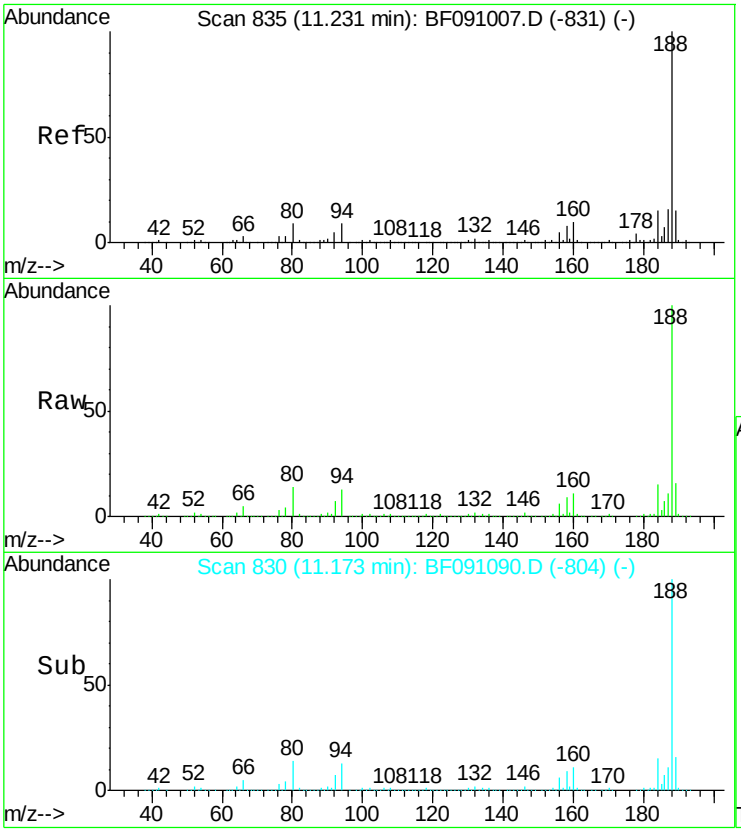


#44
2-Fluorobiphenyl
Concen: 91.35 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:172 Resp: 2044727

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.6	20.3	30.5



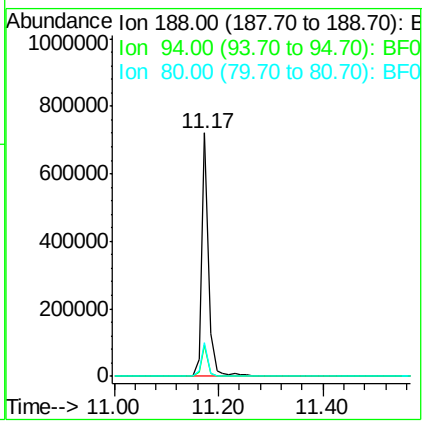


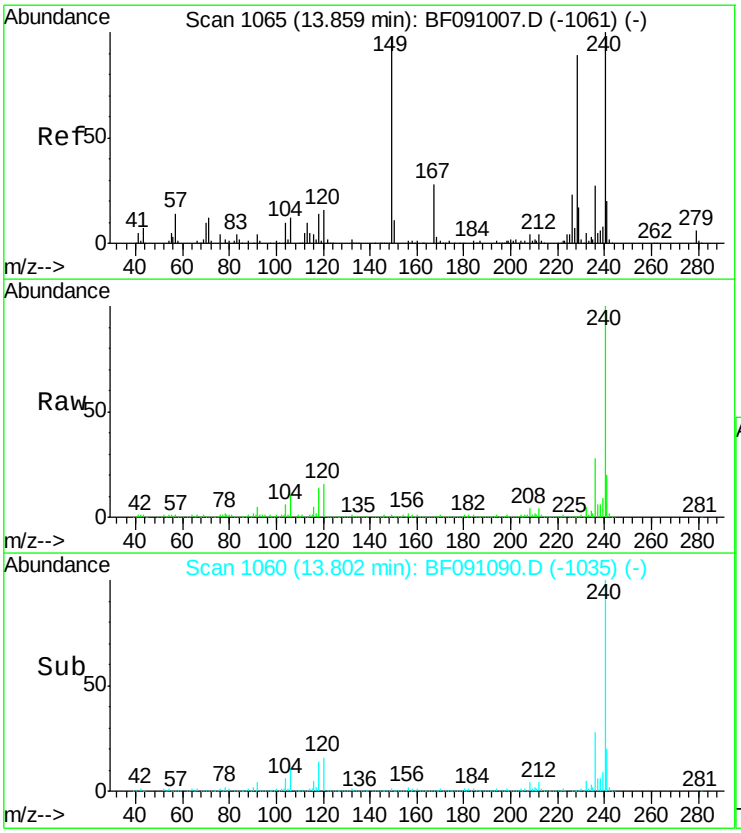
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:188 Resp: 662060

Ion	Ratio	Lower	Upper
188	100		
94	12.6	7.0	10.4#
80	14.1	7.5	11.3#

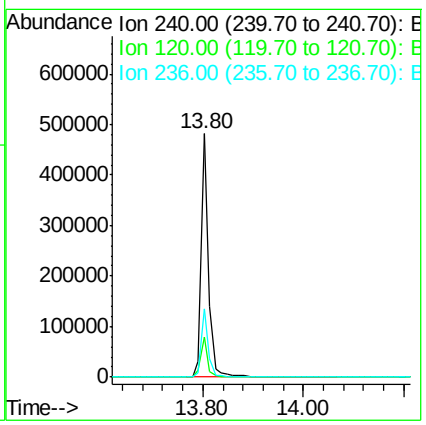


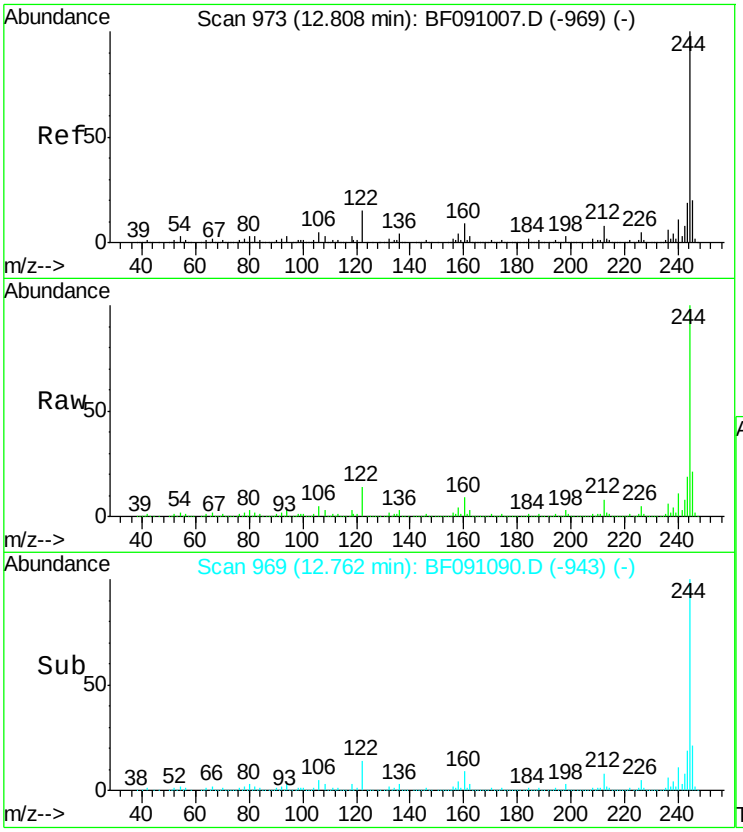


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:240 Resp: 483137

Ion	Ratio	Lower	Upper
240	100		
120	16.3	12.9	19.3
236	27.8	21.9	32.9



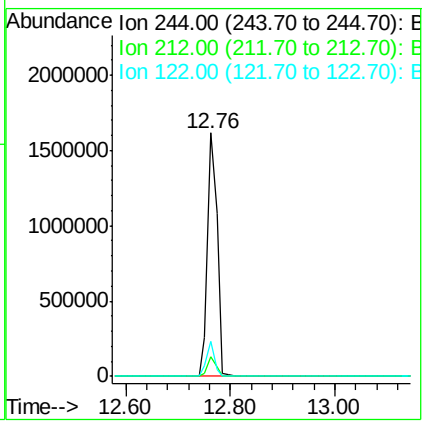


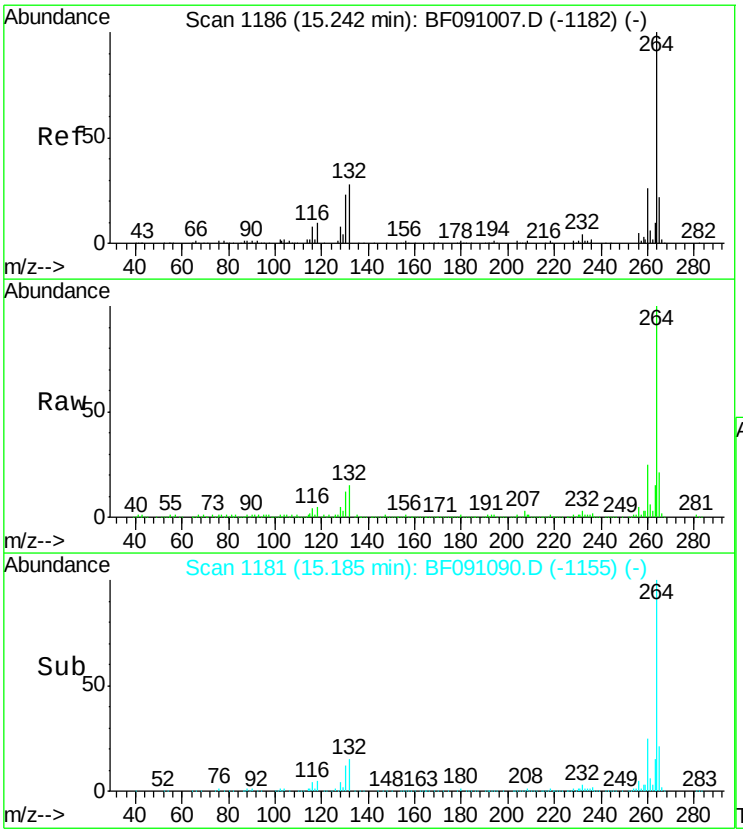
#78
Terphenyl-d14
Concen: 107.37 ng
RT: 12.76 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:244 Resp: 2078741

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	14.2	12.3	18.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:264 Resp: 346606

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	21.4	17.8	26.8