Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091147.D
Acq On : 11 Nov 2016 18:30
Operator : UM/SJ
Sample : H5609-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Time: Nov 12 00:06:41 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	6.64	152	161111	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	719351	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	374282	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	580092	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	480102	20.00	ng	-0.03
86) Perylene-d12	15.15	264	364521	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	661661	67.83	ng	-0.01
7) Phenol-d6	6.29	99	555953	41.99	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1354905	102.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	542982	160.47	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2139186	98.40	ng	-0.02
78) Terphenyl-d14	12.74	244	2128249	110.62	ng	-0.02
Target Compounds						Qvalue

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

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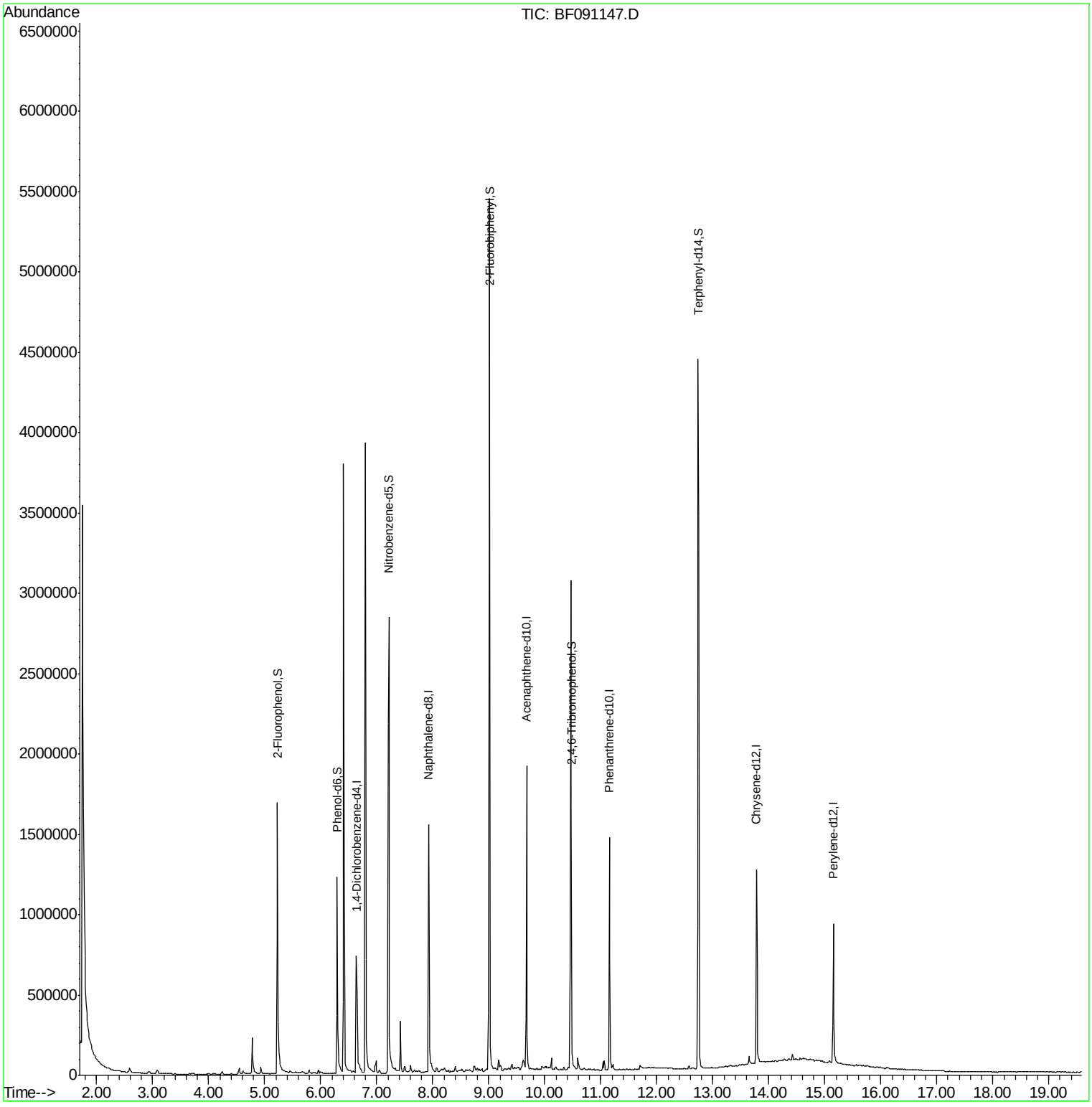
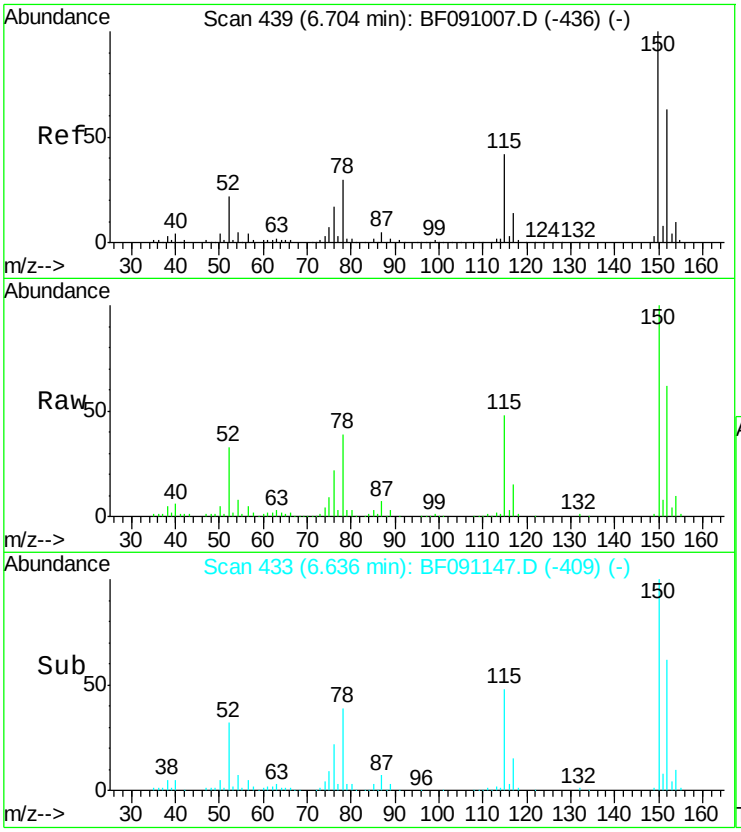


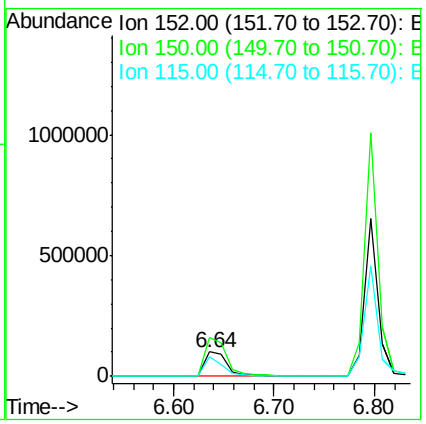


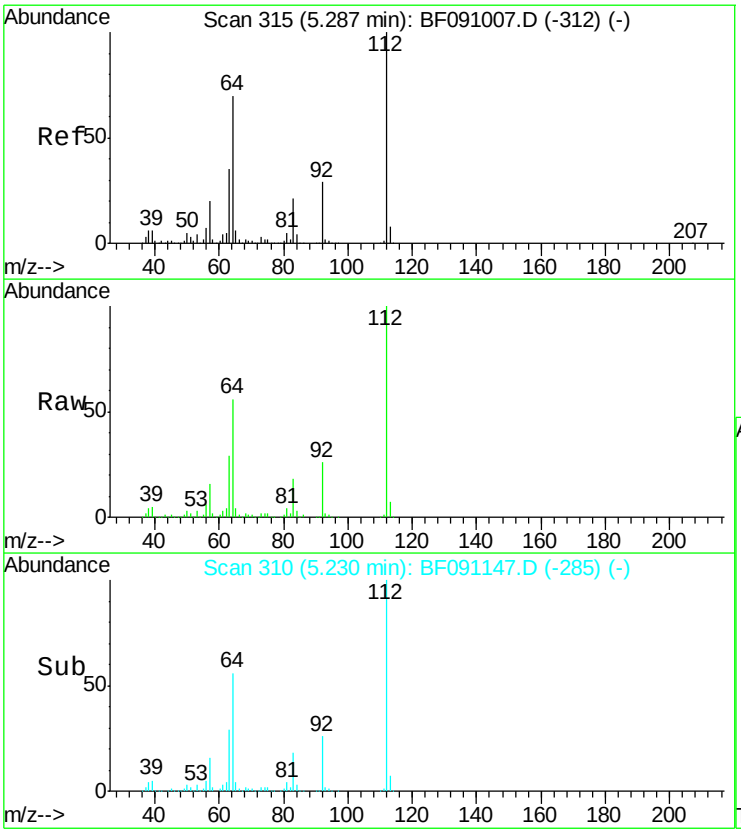
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 161111

Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.8	190.2
115	78.3	53.3	79.9

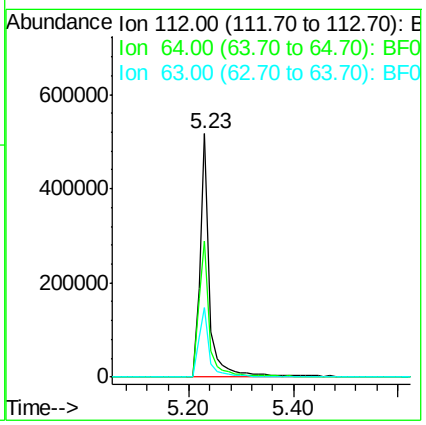


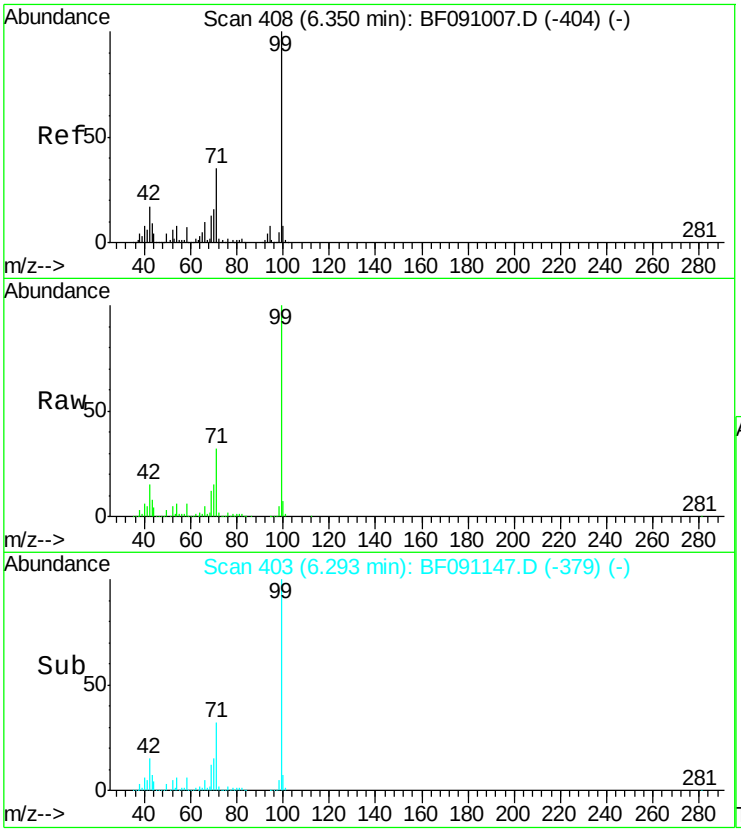


#5
2-Fluorophenol
Concen: 67.83 ng
RT: 5.23 min Scan# 310
Delta R.T. -0.01 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Tgt Ion:112 Resp: 661661

Ion	Ratio	Lower	Upper
112	100		
64	55.9	55.8	83.6
63	28.8	28.0	42.0



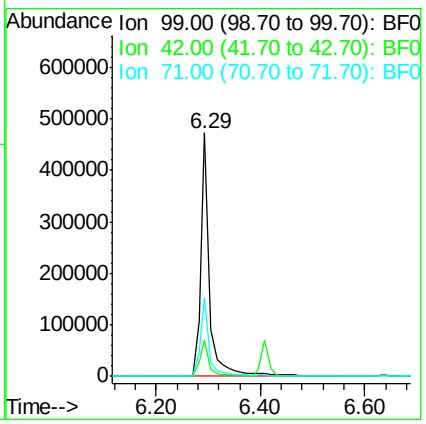


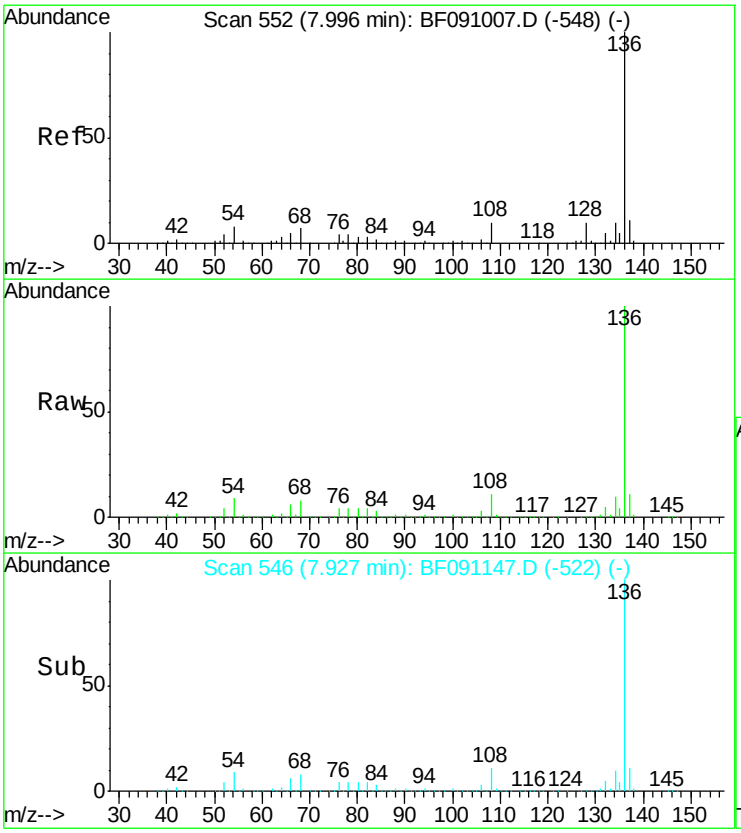
#7
Phenol-d6
Concen: 41.99 ng
RT: 6.29 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 99 Resp: 555953

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.9	20.9
71	32.1	27.8	41.8

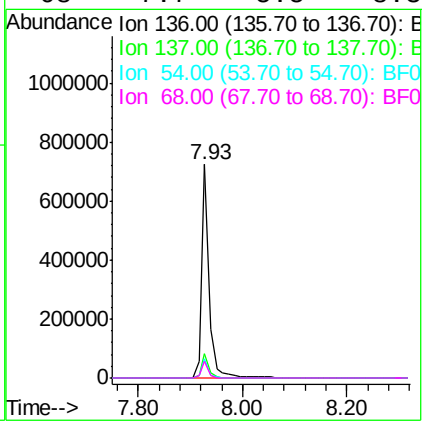


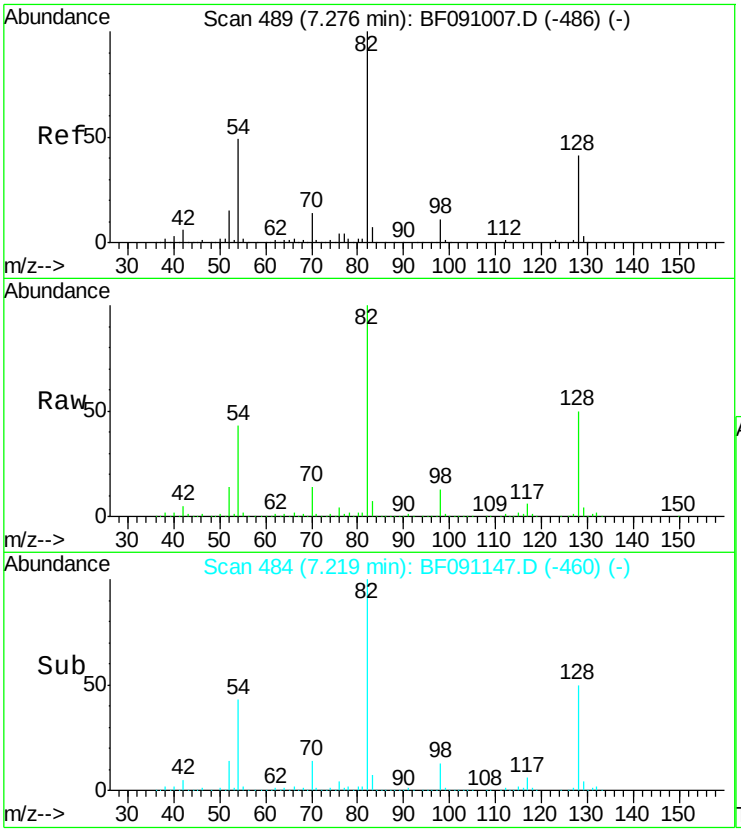


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Tgt Ion:136 Resp: 719351

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.9	6.2	9.2
68	7.7	5.5	8.3



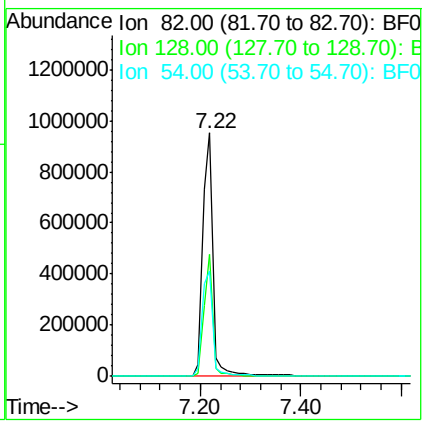


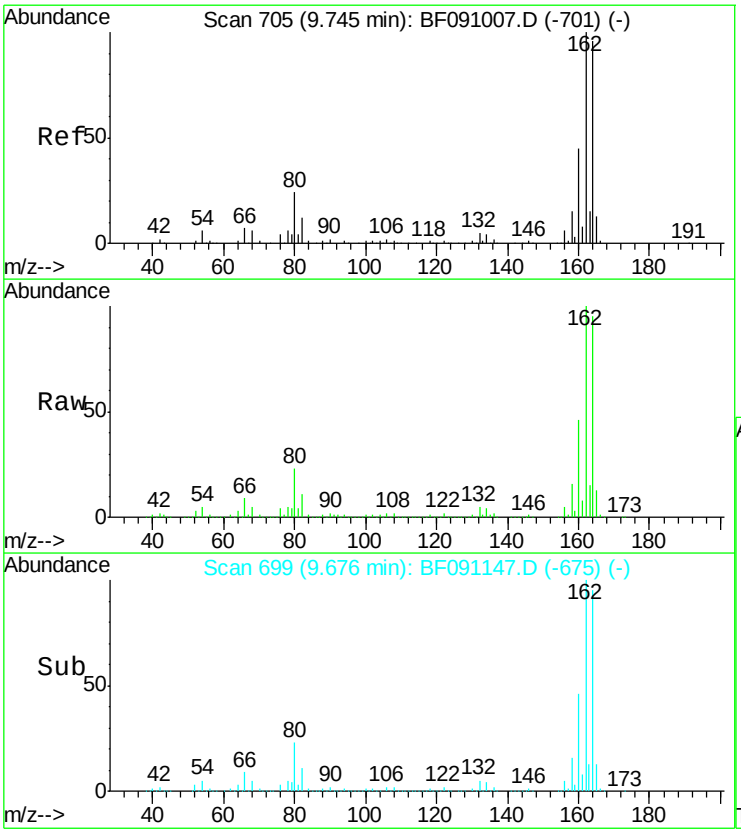
#23
Nitrobenzene-d5
Concen: 102.75 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 82 Resp: 1354905

Ion	Ratio	Lower	Upper
82	100		
128	50.3	32.4	48.6#
54	43.0	39.2	58.8

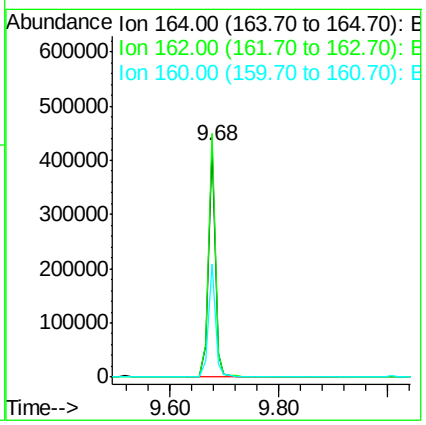


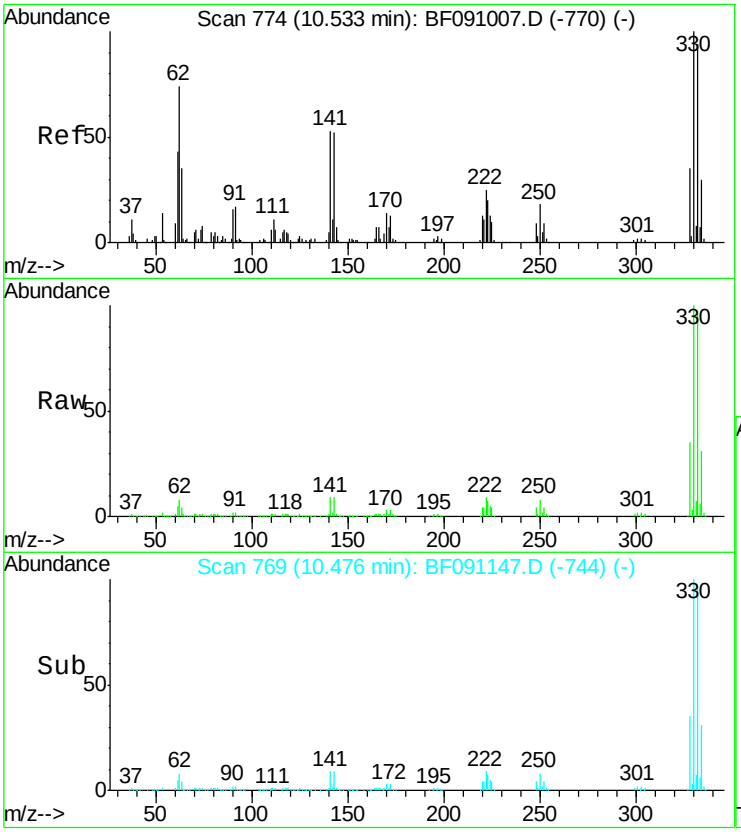


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Tgt Ion:164 Resp: 374282

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.6	125.4
160	48.9	37.9	56.9



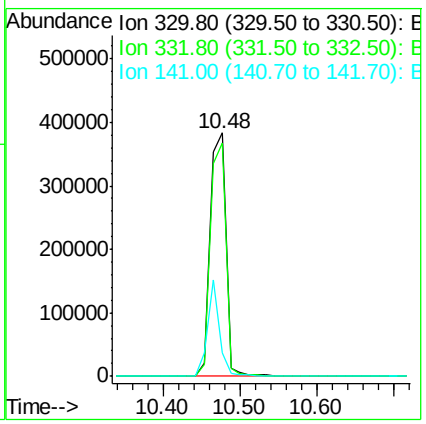


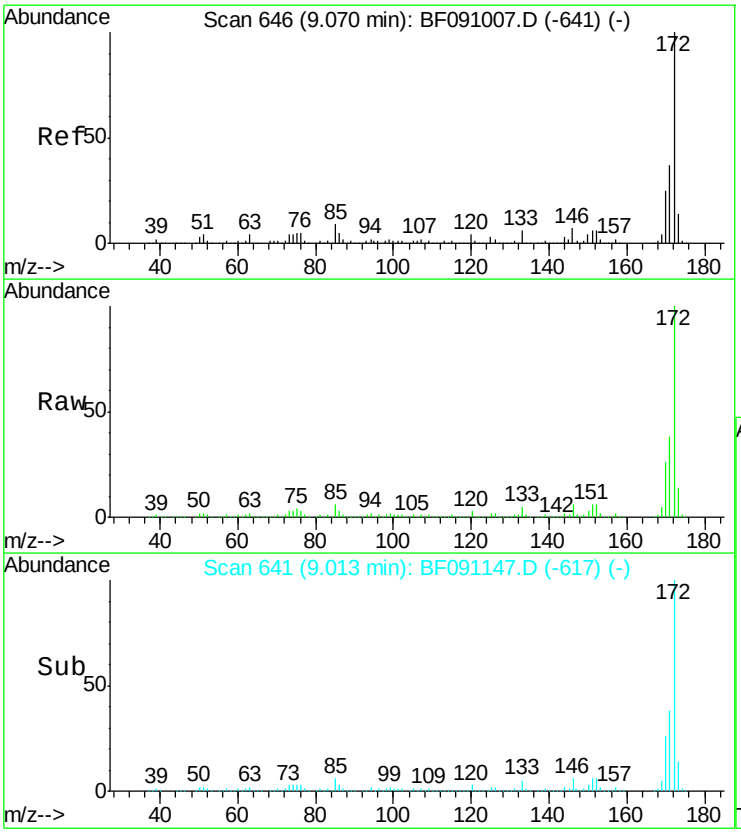
#41
2,4,6-Tribromophenol
Concen: 160.47 ng
RT: 10.48 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:330 Resp: 542982

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.9	113.9
141	30.2	36.1	54.1#

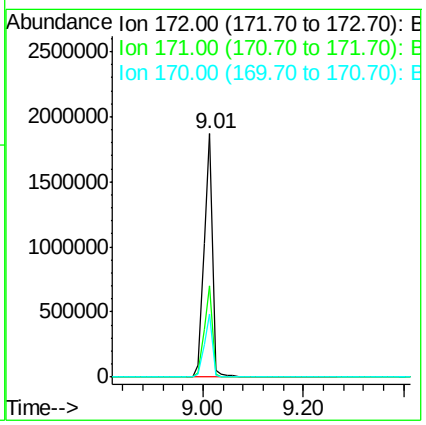


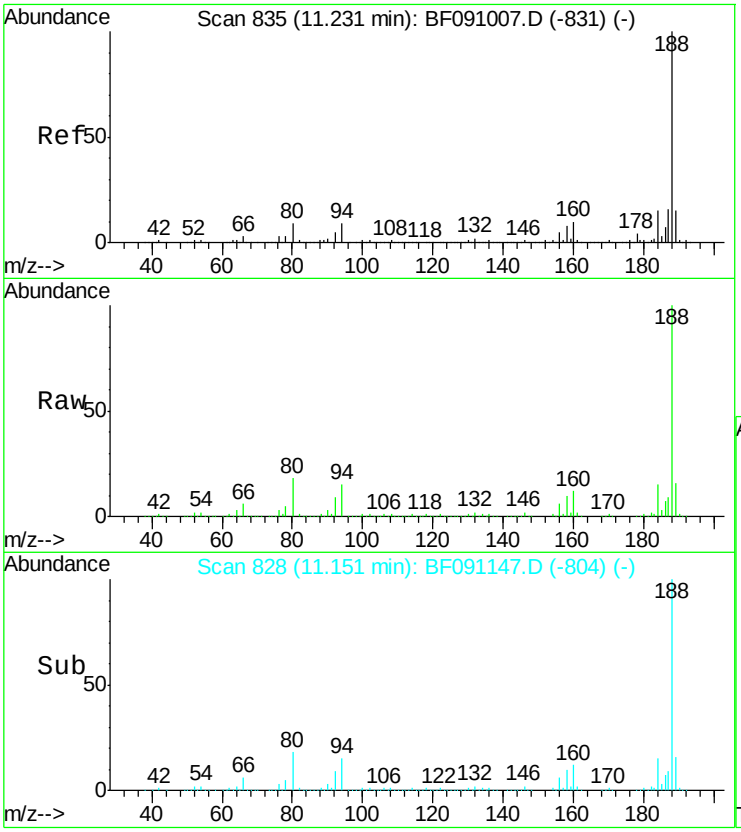


#44
2-Fluorobiphenyl
Concen: 98.40 ng
RT: 9.01 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Tgt Ion:172 Resp: 2139186

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	26.1	20.3	30.5



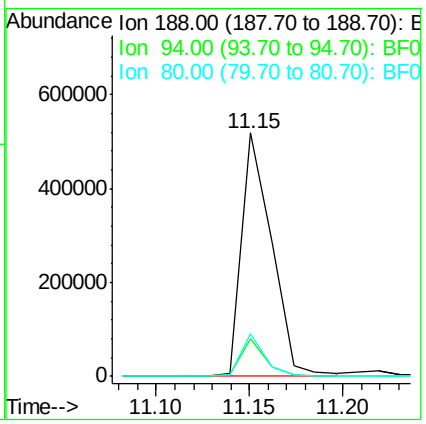


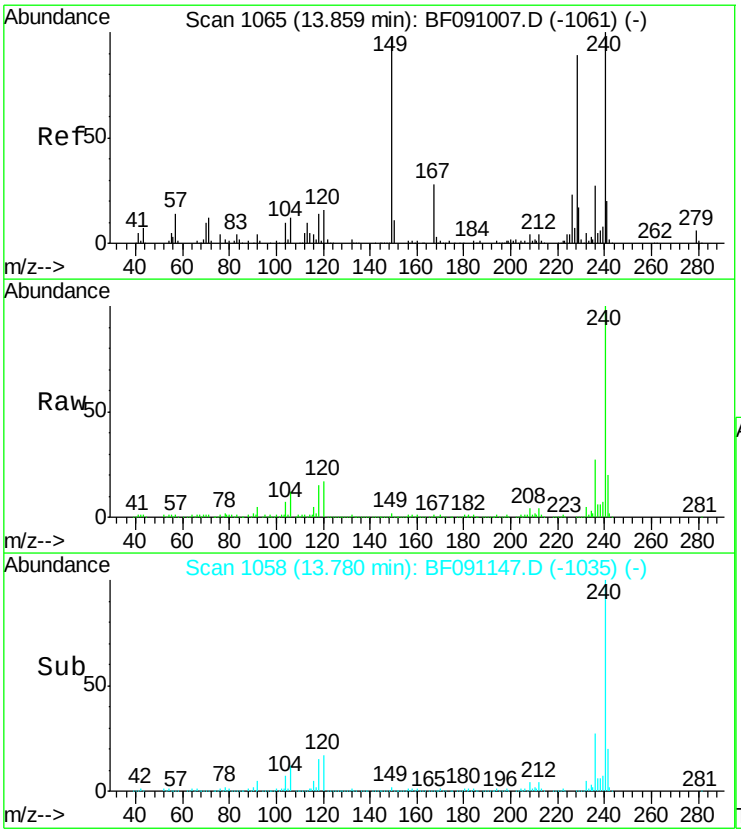
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:188 Resp: 580092

Ion	Ratio	Lower	Upper
188	100		
94	15.2	7.0	10.4#
80	17.6	7.5	11.3#

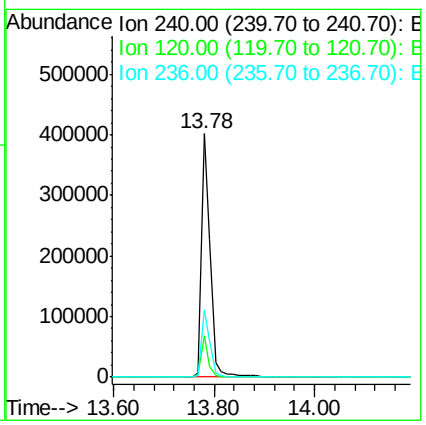


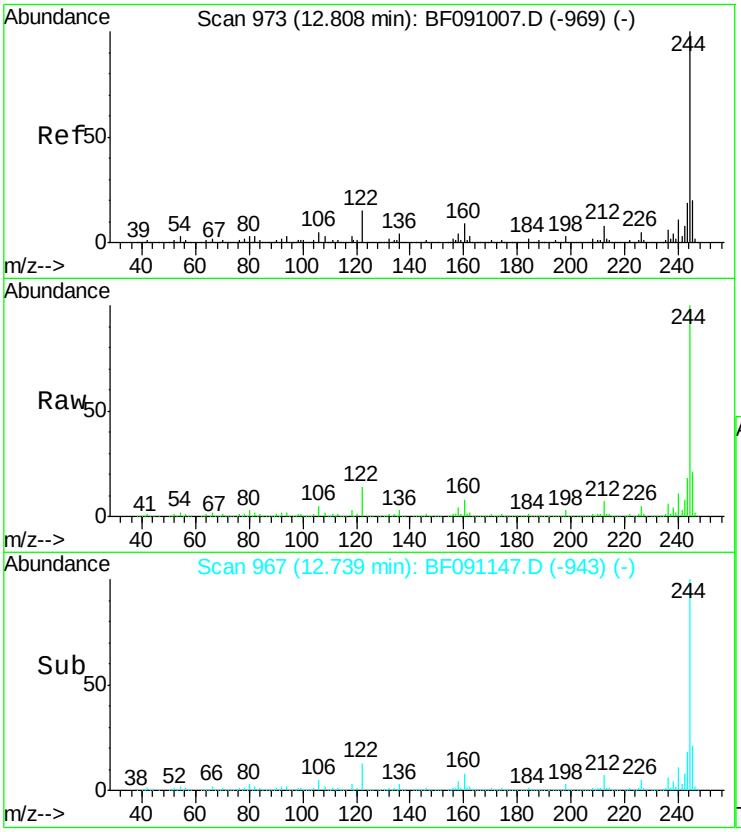


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Tgt Ion:240 Resp: 480102

Ion	Ratio	Lower	Upper
240	100		
120	16.7	12.9	19.3
236	27.5	21.9	32.9



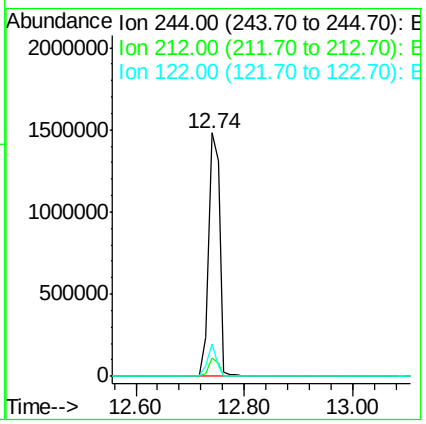


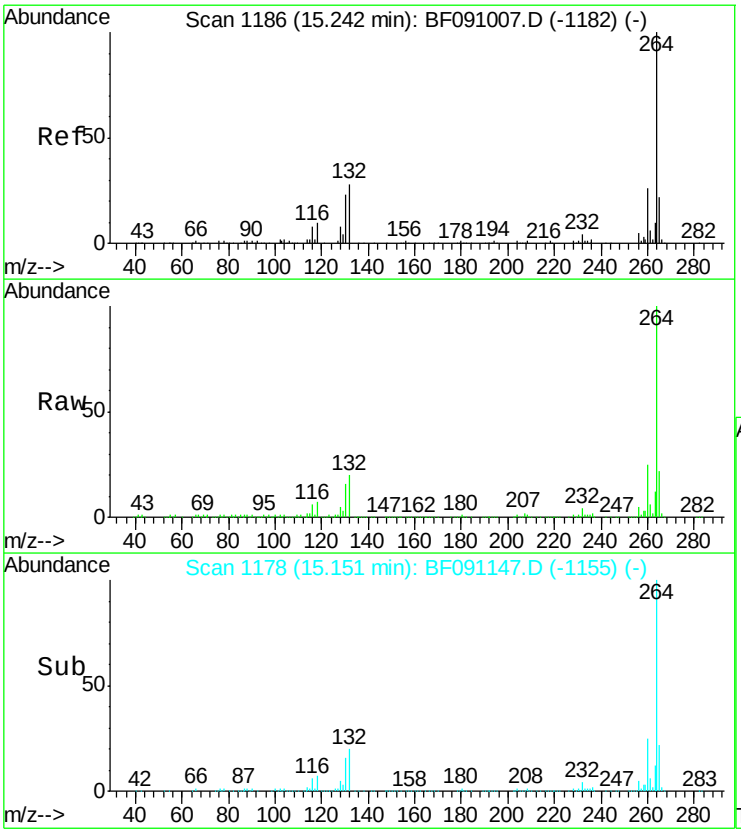
#78
Terphenyl-d14
Concen: 110.62 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:244 Resp: 2128249

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	13.5	12.3	18.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091147.D
Acq: 11 Nov 2016 18:30

Tgt Ion:264 Resp: 364521

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	30.8
265	21.9	17.8	26.8