Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090764.D
Acq On : 22 Oct 2016 16:05
Operator : UM/SJ
Sample : H5367-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02S-102016

Quant Time: Oct 24 02:00:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	248346	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1037176	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	525143	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	844269	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	521486	20.00	ng	0.00
86) Perylene-d12	15.45	264	385420	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	726446	47.17	ng	0.01
7) Phenol-d6	6.49	99	717365	34.39	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1219872	64.51	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	326704	78.60	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1933972	57.17	ng	-0.01
78) Terphenyl-d14	12.97	244	1832387	80.53	ng	0.00
Target Compounds						Qvalue

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

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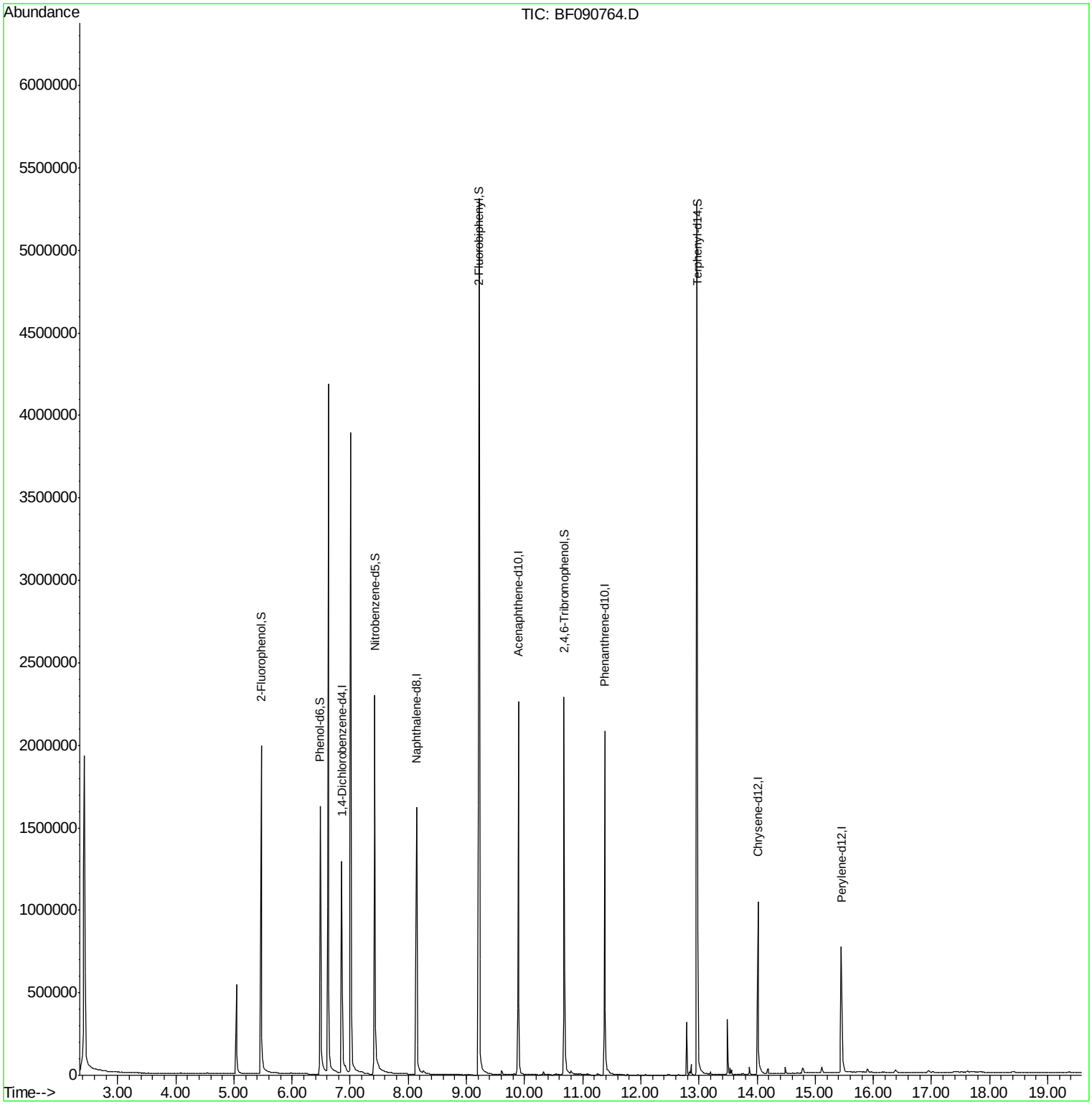
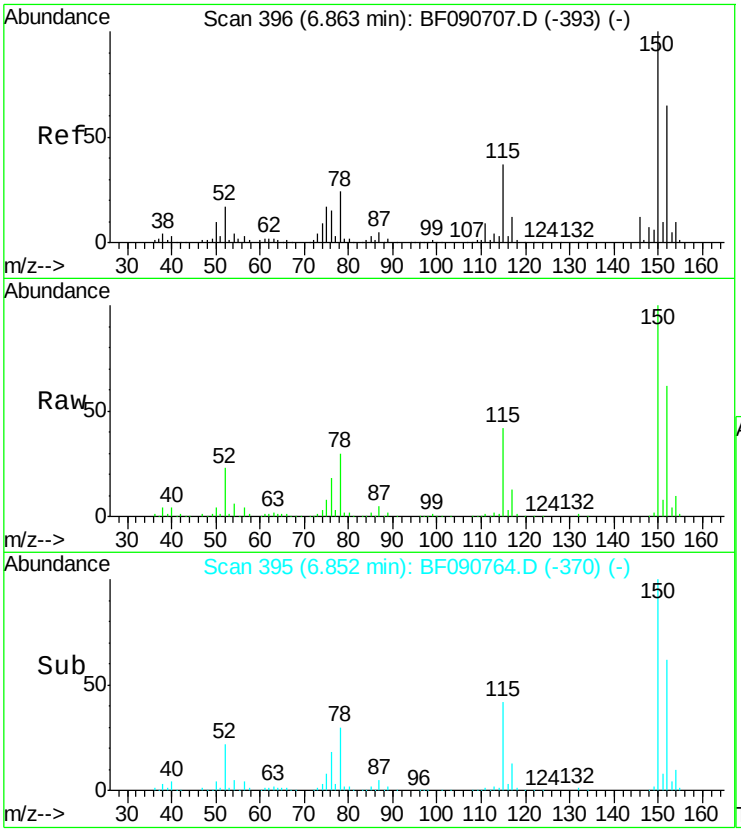


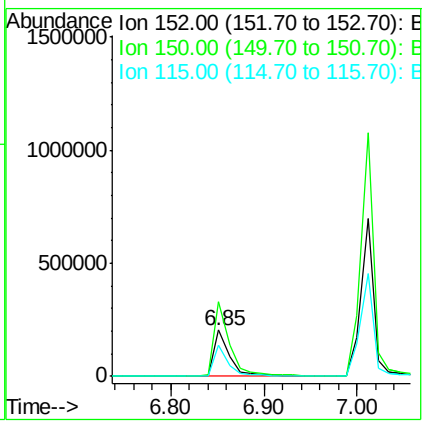


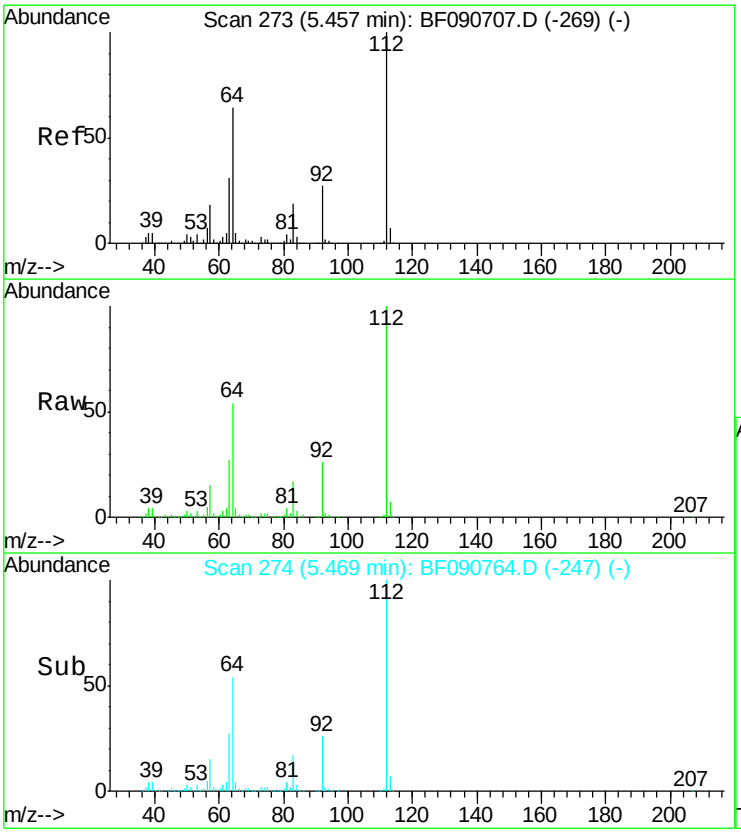
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Instrument :
BNA_F
ClientSampleId :
MW-02S-102016

Tgt Ion:152 Resp: 248346

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.7	187.1
115	68.0	39.0	58.4#

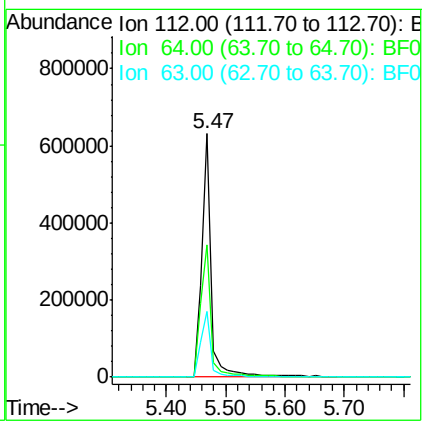


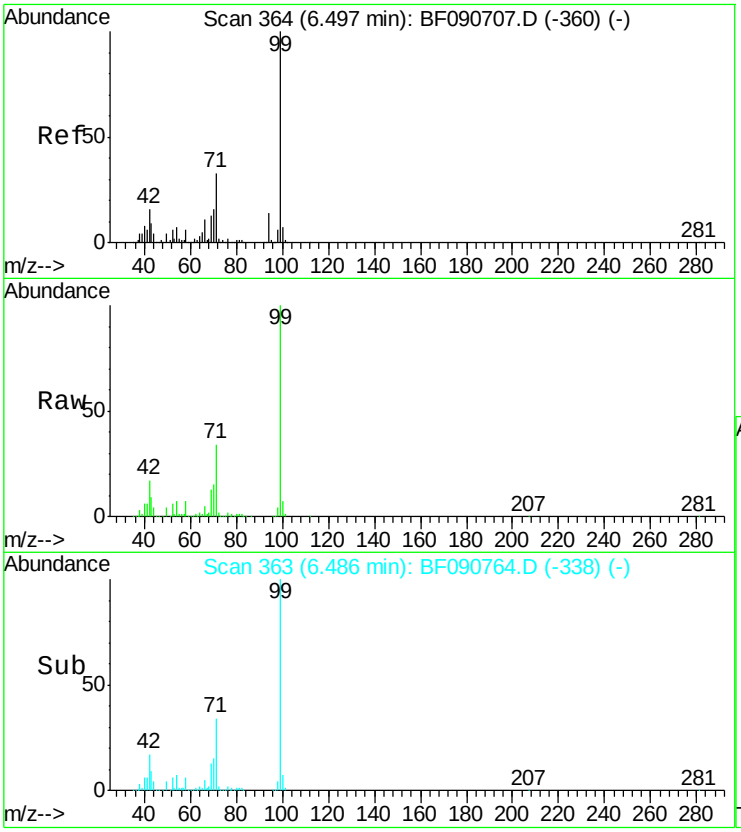


#5
2-Fluorophenol
Concen: 47.17 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Tgt Ion:112 Resp: 726446

Ion	Ratio	Lower	Upper
112	100		
64	54.3	39.7	59.5
63	26.7	17.4	26.0#



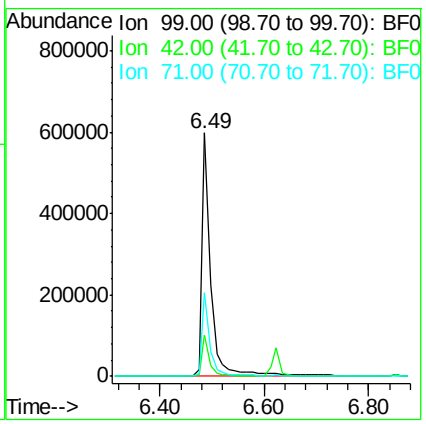


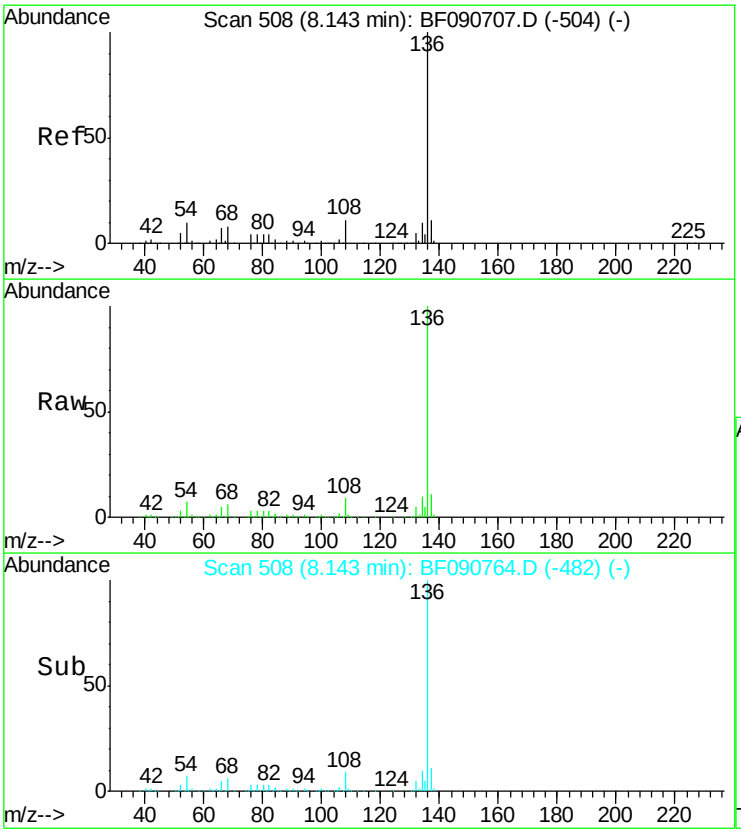
#7
Phenol-d6
Concen: 34.39 ng
RT: 6.49 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Instrument :
BNA_F
ClientSampleId :
MW-02S-102016

Tgt Ion: 99 Resp: 717365

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	34.2	14.2	21.2#

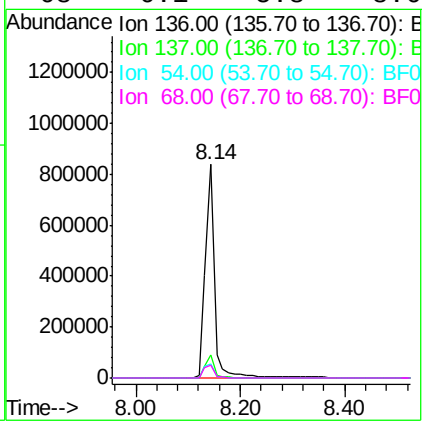


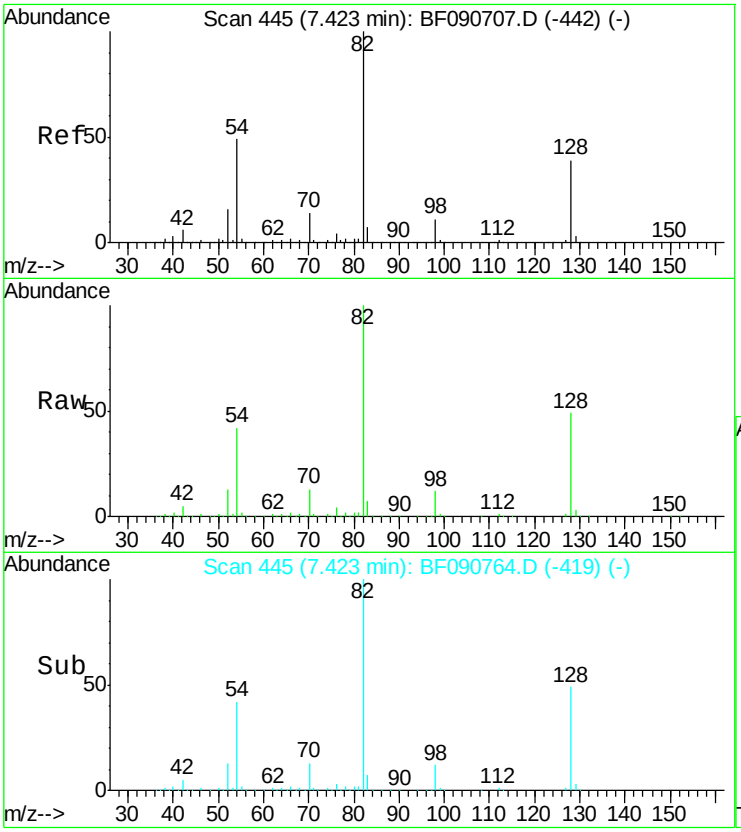


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Tgt Ion:136 Resp: 1037176

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.7	8.2	12.2#
68	6.1	5.8	8.6



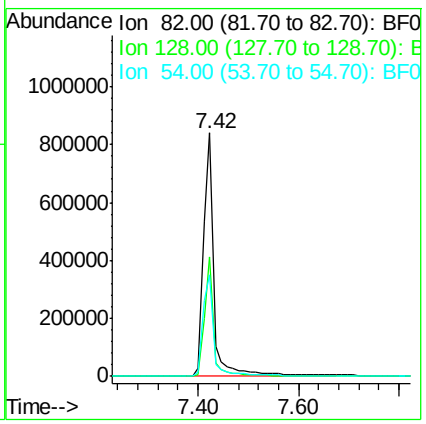


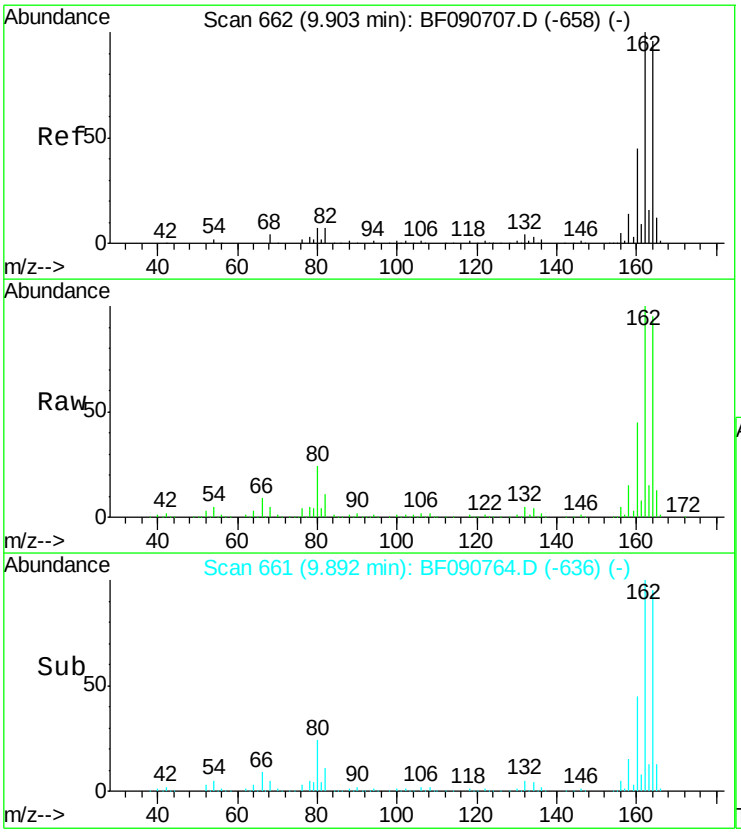
#23
Nitrobenzene-d5
Concen: 64.51 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Instrument :
BNA_F
ClientSampleId :
MW-02S-102016

Tgt Ion: 82 Resp: 1219872

Ion	Ratio	Lower	Upper
82	100		
128	48.9	51.0	76.6#
54	41.7	47.5	71.3#

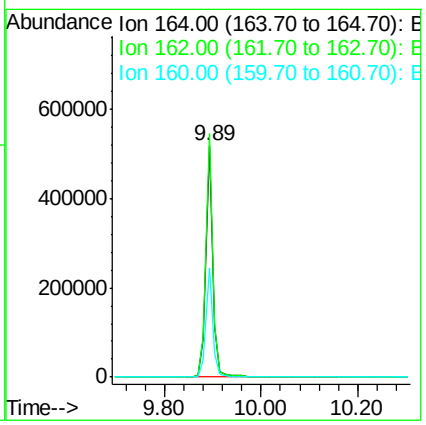


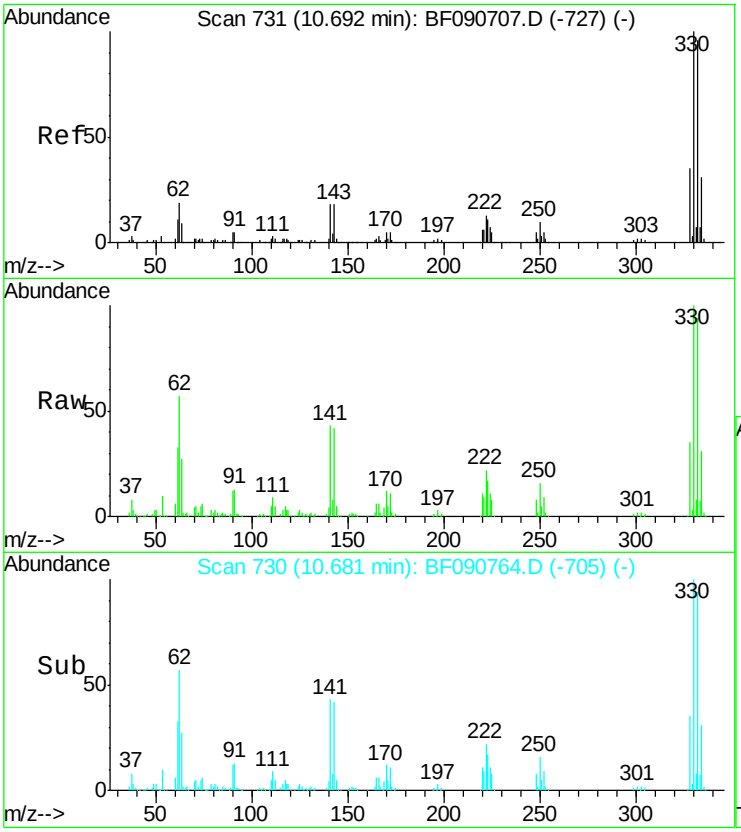


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Tgt Ion:164 Resp: 525143

Ion	Ratio	Lower	Upper
164	100		
162	105.4	75.2	112.8
160	47.2	31.5	47.3



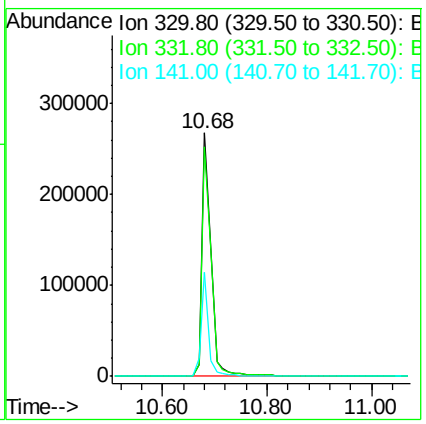


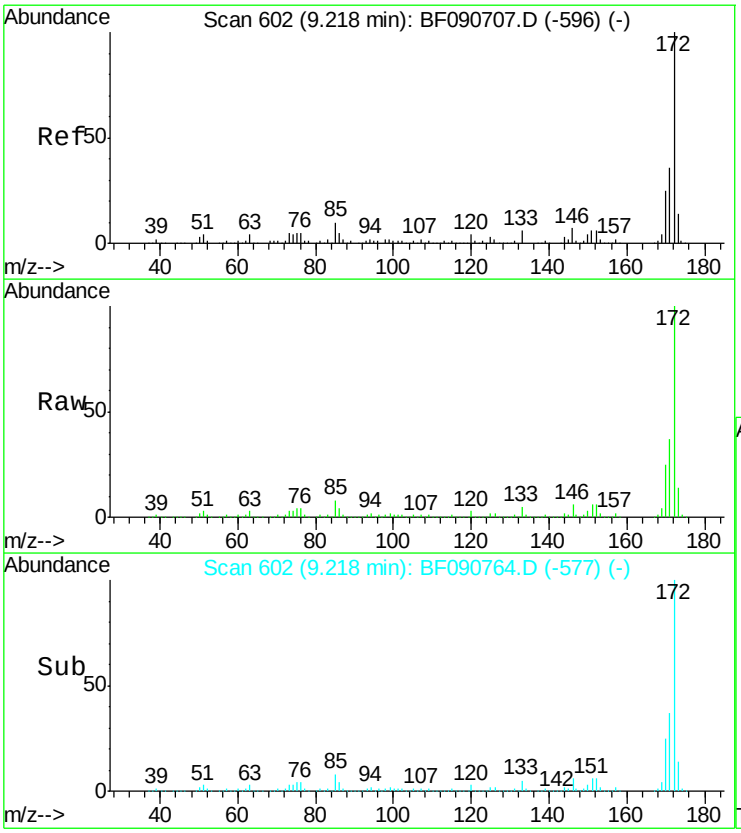
#41
2,4,6-Tribromophenol
Concen: 78.60 ng
RT: 10.68 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Instrument :
BNA_F
ClientSampleId :
MW-02S-102016

Tgt Ion:330 Resp: 326704

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	35.9	29.7	44.5

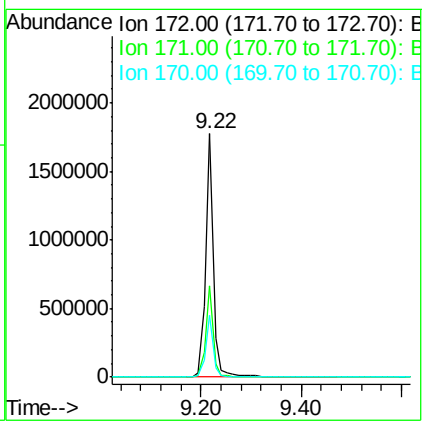


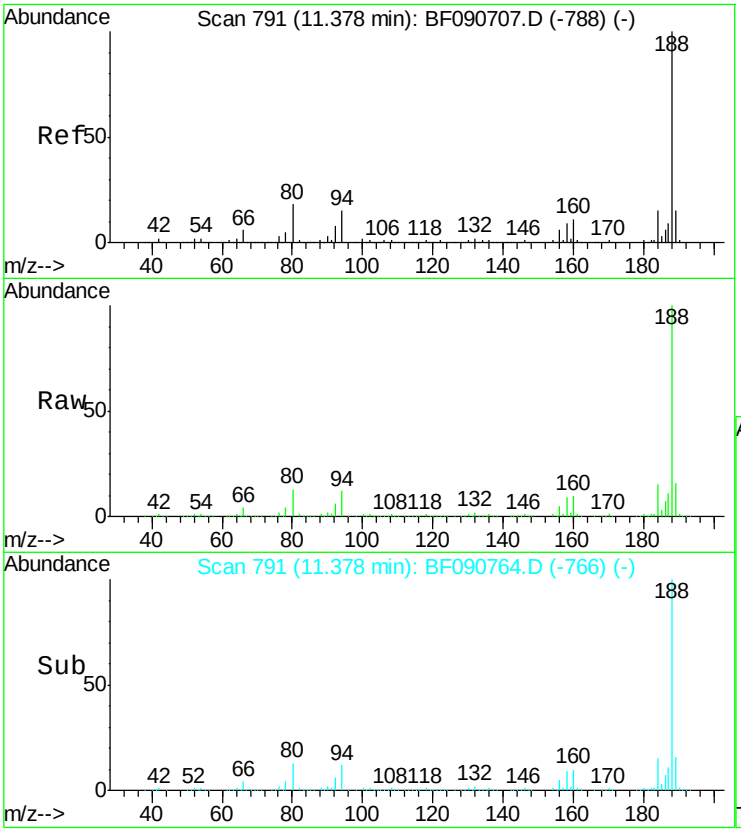


#44
2-Fluorobiphenyl
Concen: 57.17 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Tgt Ion:172 Resp: 1933972

Ion	Ratio	Lower	Upper
172	100		
171	37.4	26.1	39.1
170	25.5	17.4	26.2



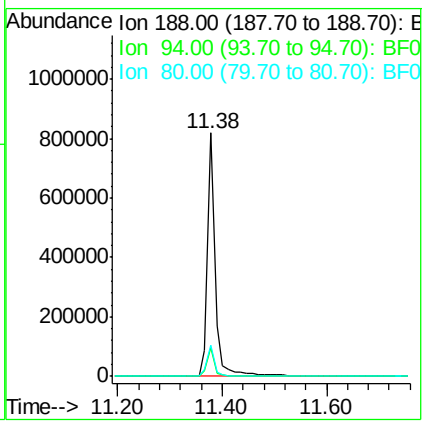


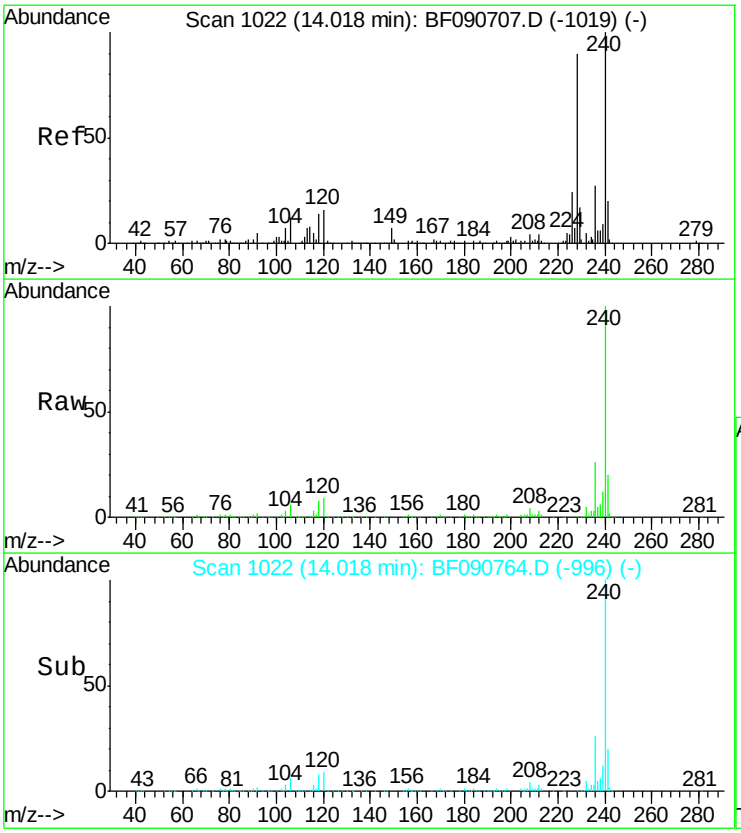
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Instrument :
BNA_F
ClientSampleId :
MW-02S-102016

Tgt Ion:188 Resp: 844269

Ion	Ratio	Lower	Upper
188	100		
94	11.5	11.1	16.7
80	12.8	11.0	16.4

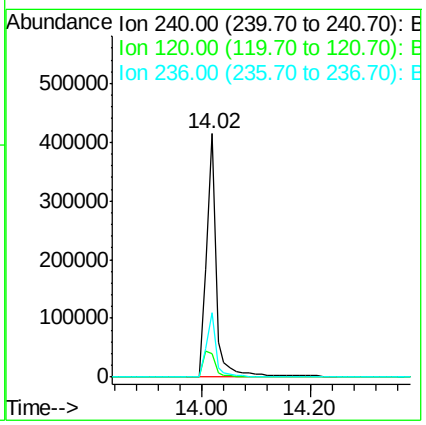


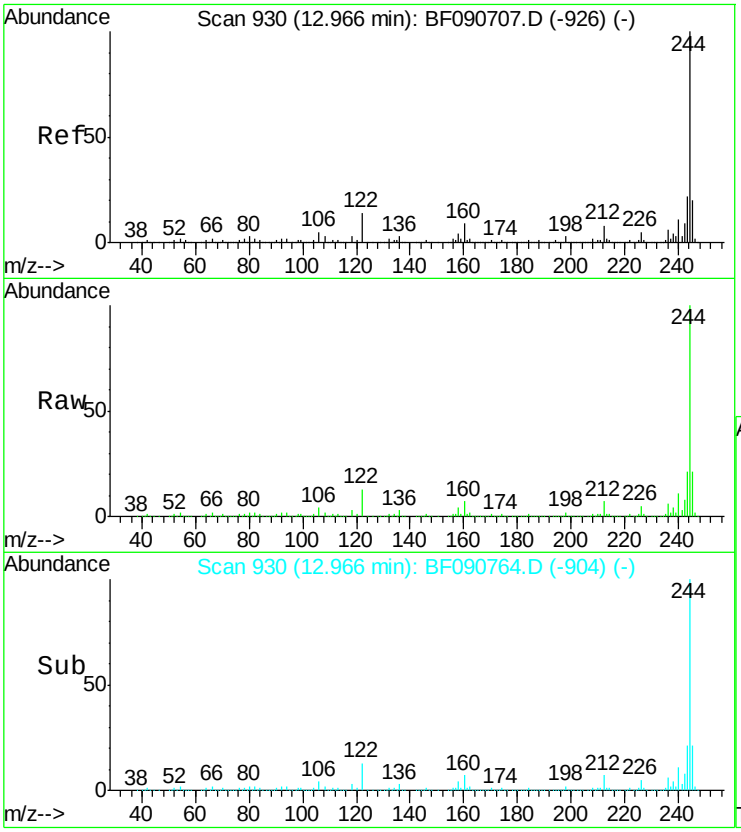


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Tgt Ion:240 Resp: 521486

Ion	Ratio	Lower	Upper
240	100		
120	9.4	16.2	24.2#
236	26.5	18.4	27.6



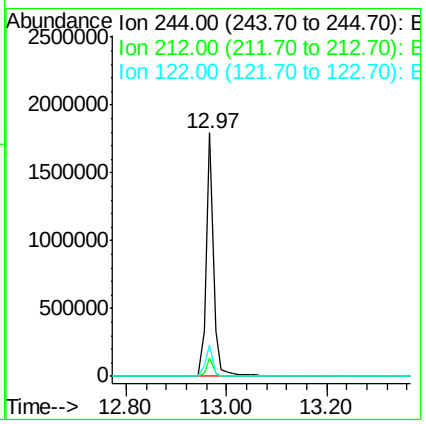


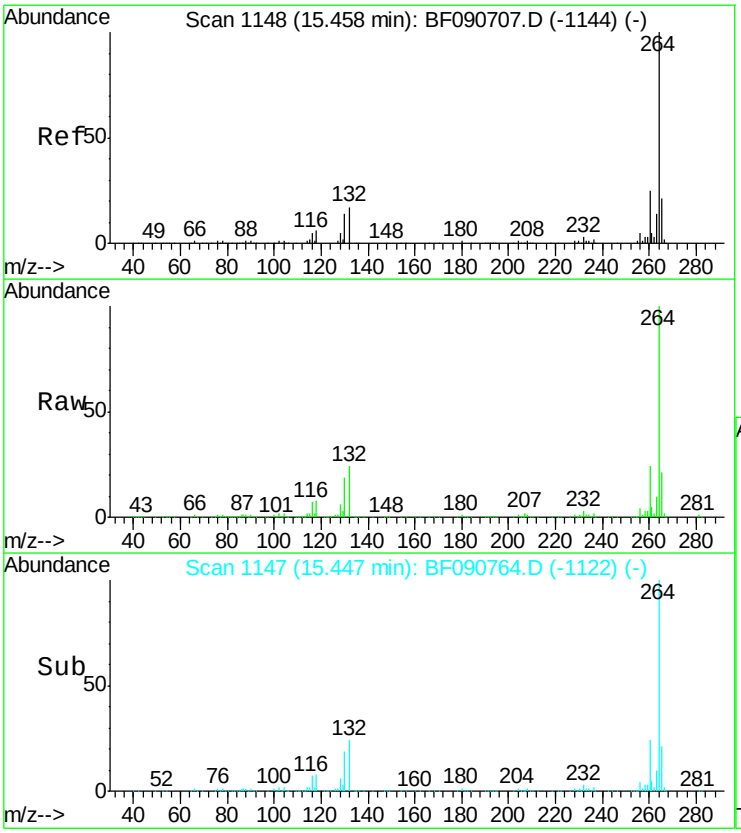
#78
Terphenyl-d14
Concen: 80.53 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Instrument :
BNA_F
ClientSampleId :
MW-02S-102016

Tgt Ion:244 Resp: 1832387

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	12.8	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Tgt Ion:264 Resp: 385420

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.5	17.2	25.8