Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090727.D
Acq On : 21 Oct 2016 23:09
Operator : UM/SJ
Sample : H5308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-102S

Quant Time: Oct 22 00:25:41 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	264595	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1125577	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	573576	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	937084	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	647421	20.00	ng	0.00
86) Perylene-d12	15.45	264	414985	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	907107	55.29	ng	0.01
7) Phenol-d6	6.49	99	755750	34.01	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1825093	88.93	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	778856	171.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2750304	74.44	ng	-0.01
78) Terphenyl-d14	12.97	244	2912348	103.10	ng	0.00
Target Compounds						Qvalue

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

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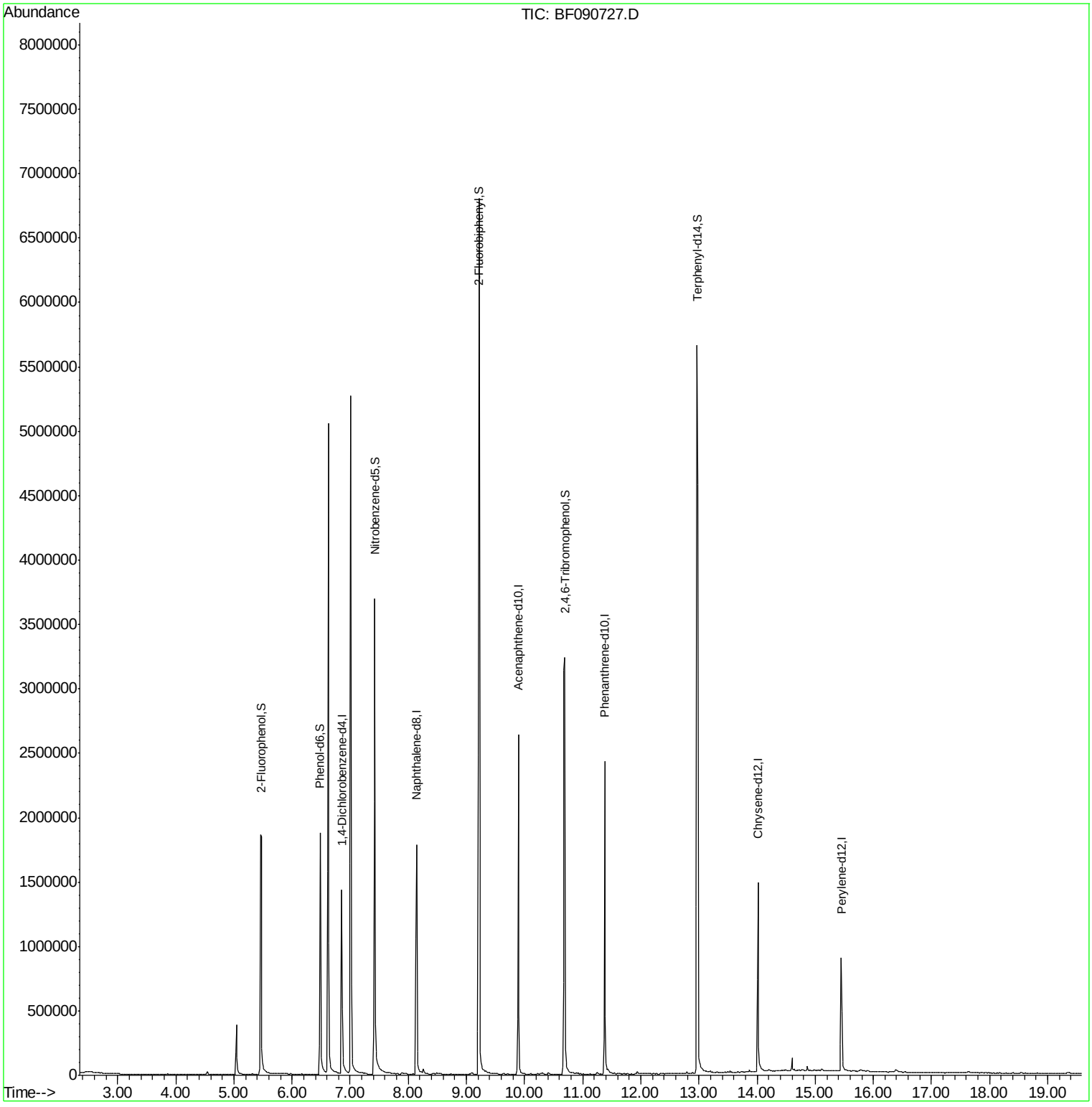
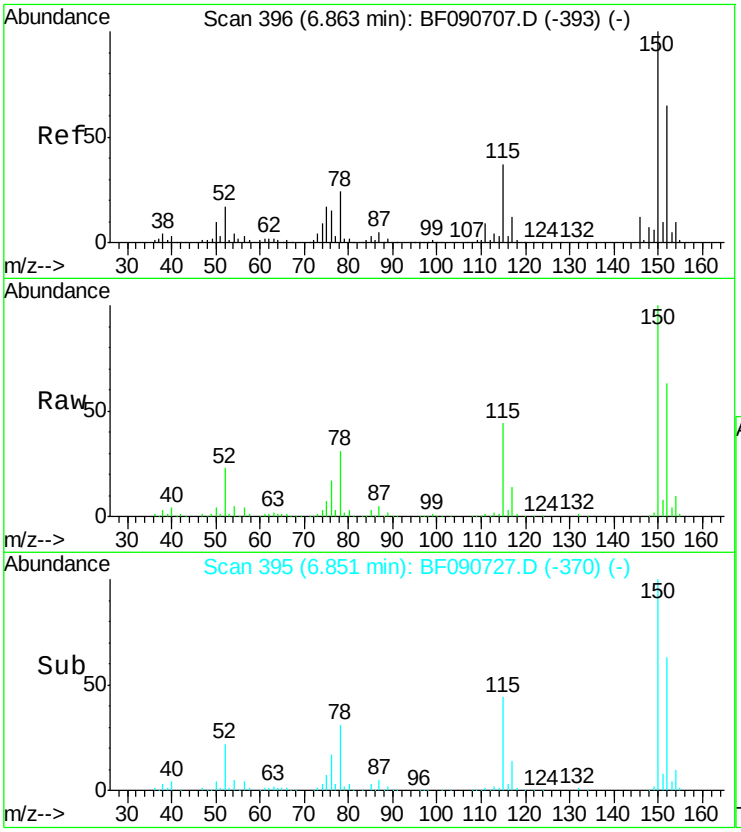


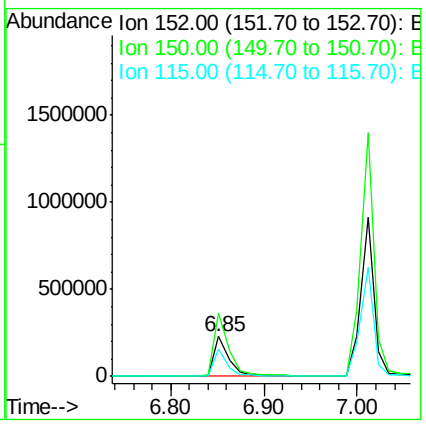


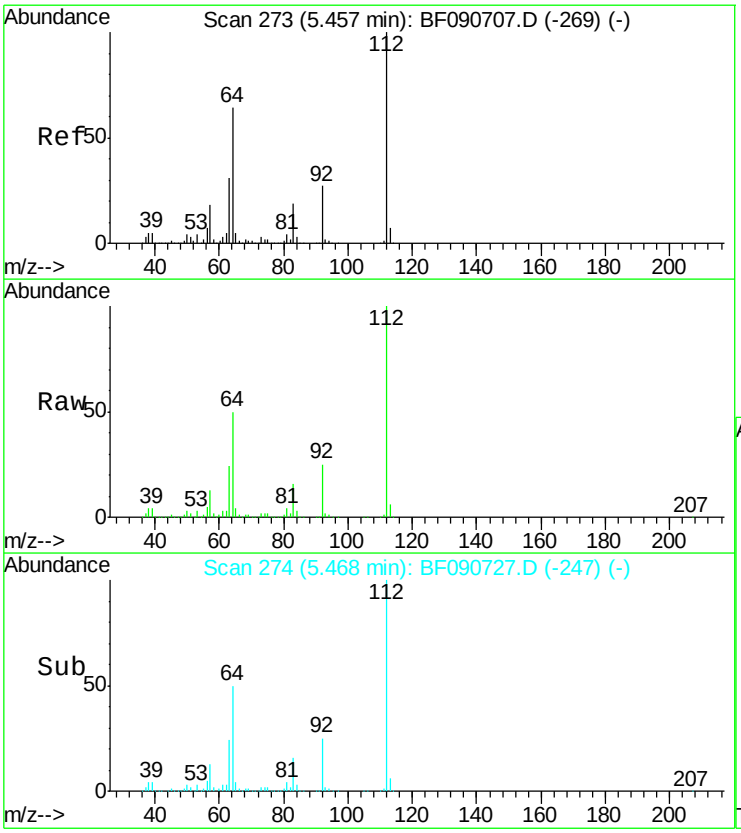
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Instrument :
BNA_F
ClientSampleId :
MW-102S

Tgt Ion:152 Resp: 264595

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.7	187.1
115	69.5	39.0	58.4#

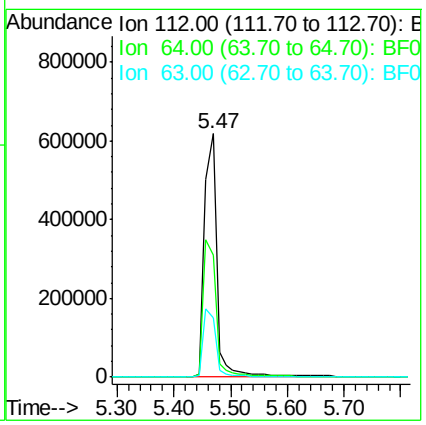


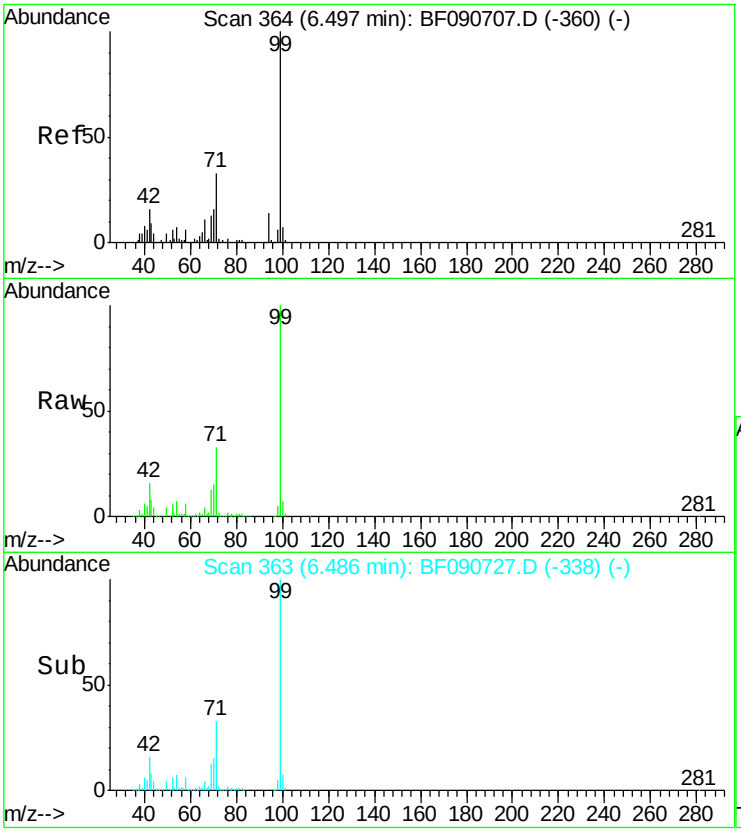


#5
2-Fluorophenol
Concen: 55.29 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Tgt Ion:112 Resp: 907107

Ion	Ratio	Lower	Upper
112	100		
64	50.2	39.7	59.5
63	24.2	17.4	26.0



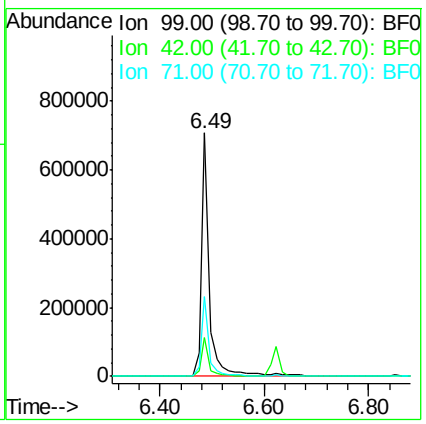


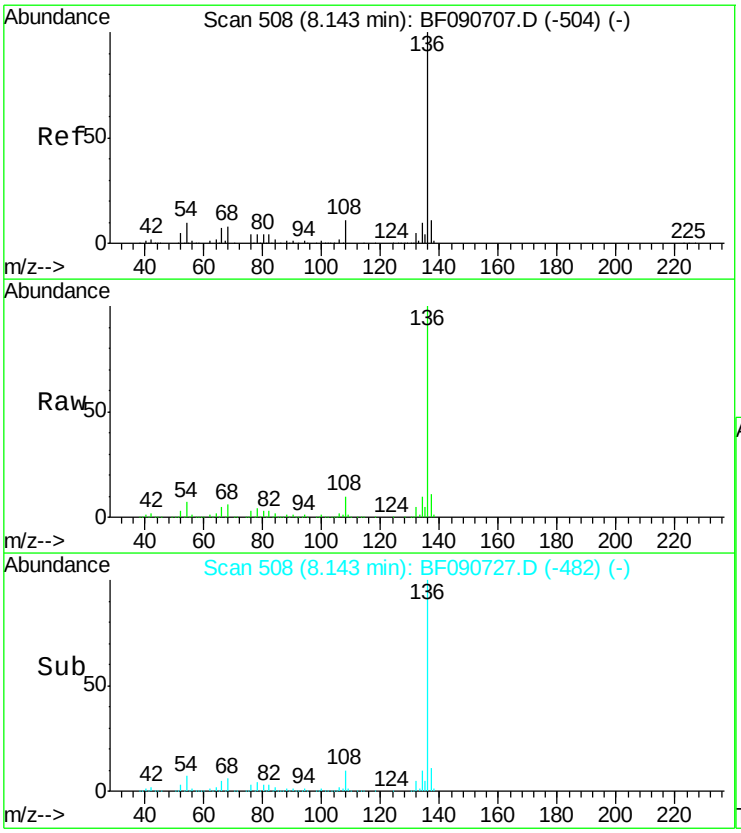
#7
Phenol-d6
Concen: 34.01 ng
RT: 6.49 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Instrument :
BNA_F
ClientSampleId :
MW-102S

Tgt Ion: 99 Resp: 755750

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	32.6	14.2	21.2#

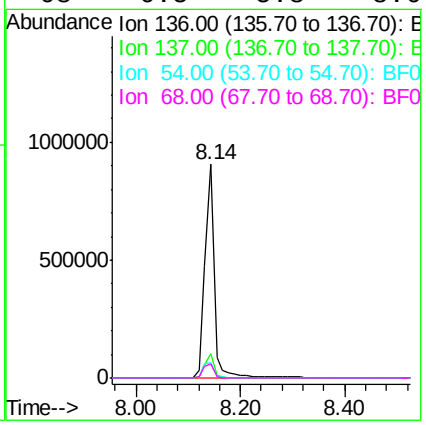


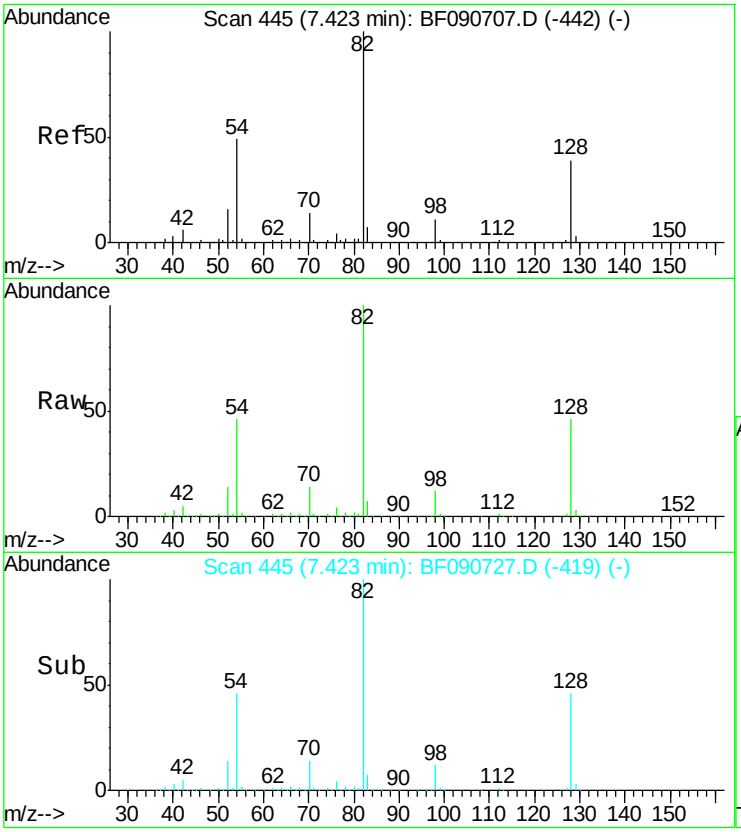


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Tgt Ion:136 Resp: 1125577

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.9	8.2	12.2#
68	6.5	5.8	8.6



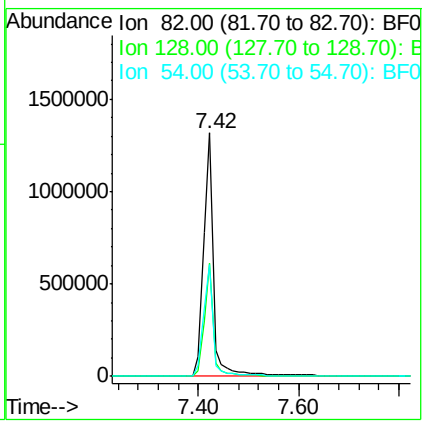


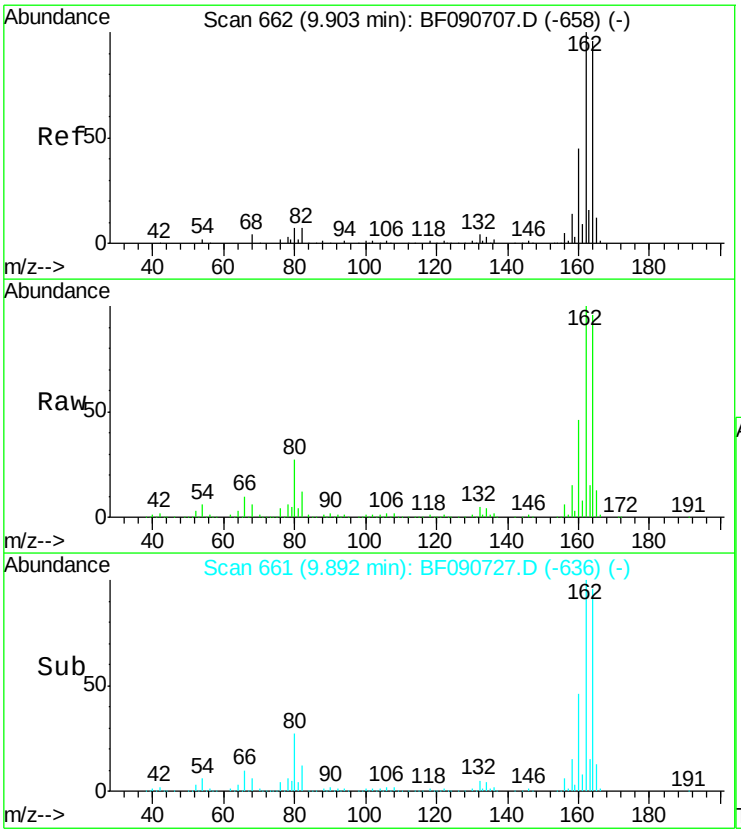
#23
Nitrobenzene-d5
Concen: 88.93 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Instrument :
BNA_F
ClientSampleId :
MW-102S

Tgt Ion: 82 Resp: 1825093

Ion	Ratio	Lower	Upper
82	100		
128	46.4	51.0	76.6#
54	45.9	47.5	71.3#

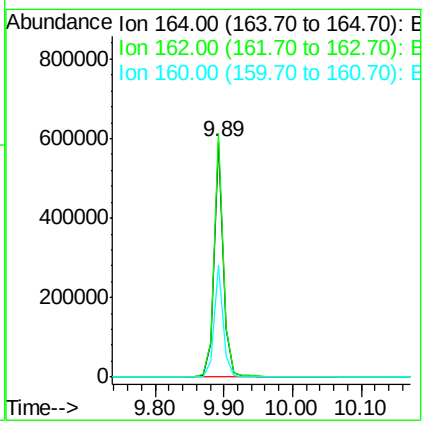


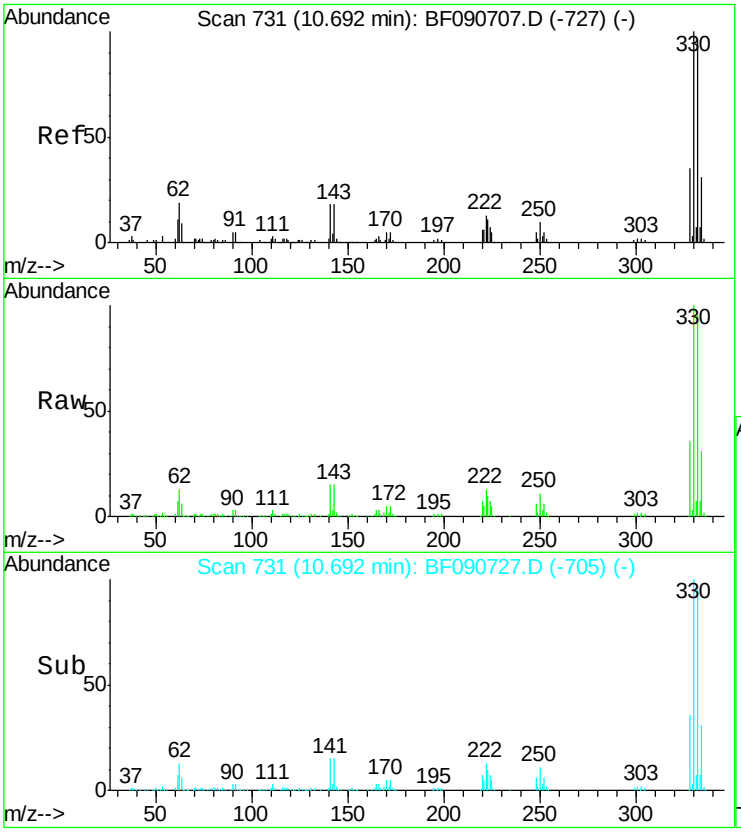


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Tgt Ion:164 Resp: 573576

Ion	Ratio	Lower	Upper
164	100		
162	103.7	75.2	112.8
160	47.7	31.5	47.3#



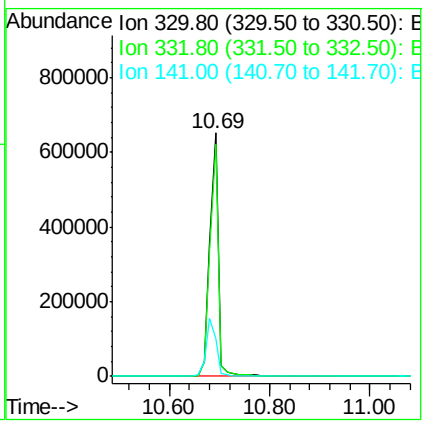


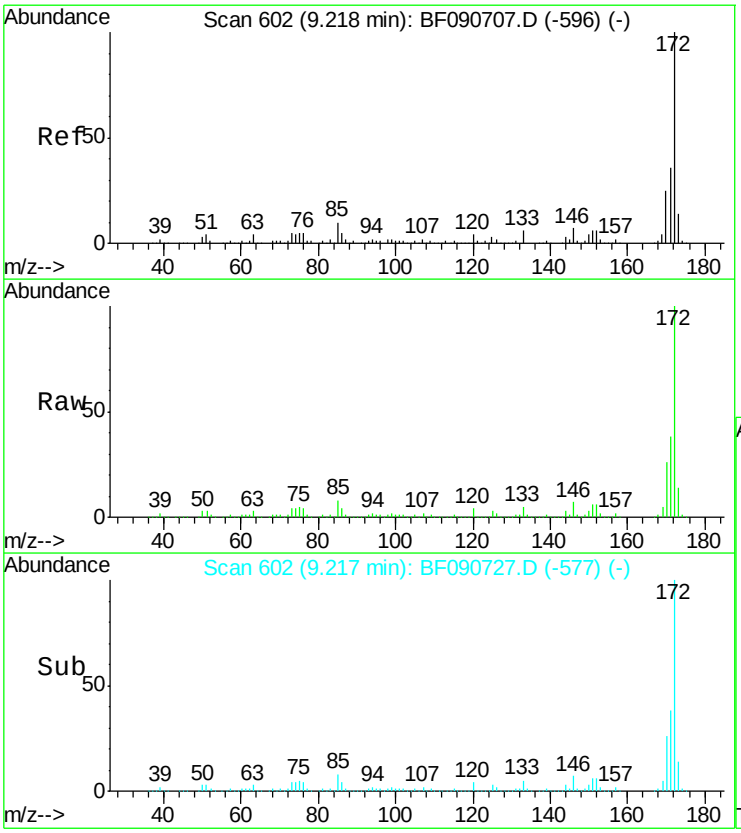
#41
2,4,6-Tribromophenol
Concen: 171.56 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Instrument :
BNA_F
ClientSampleId :
MW-102S

Tgt Ion:330 Resp: 778856

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	28.9	29.7	44.5#

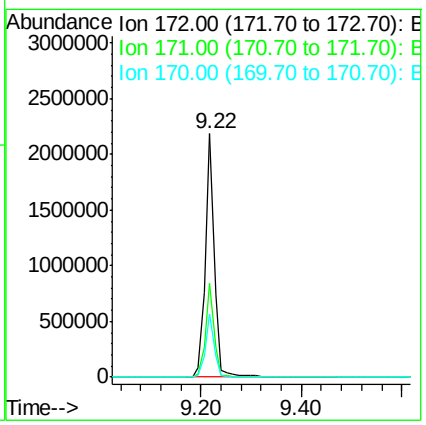


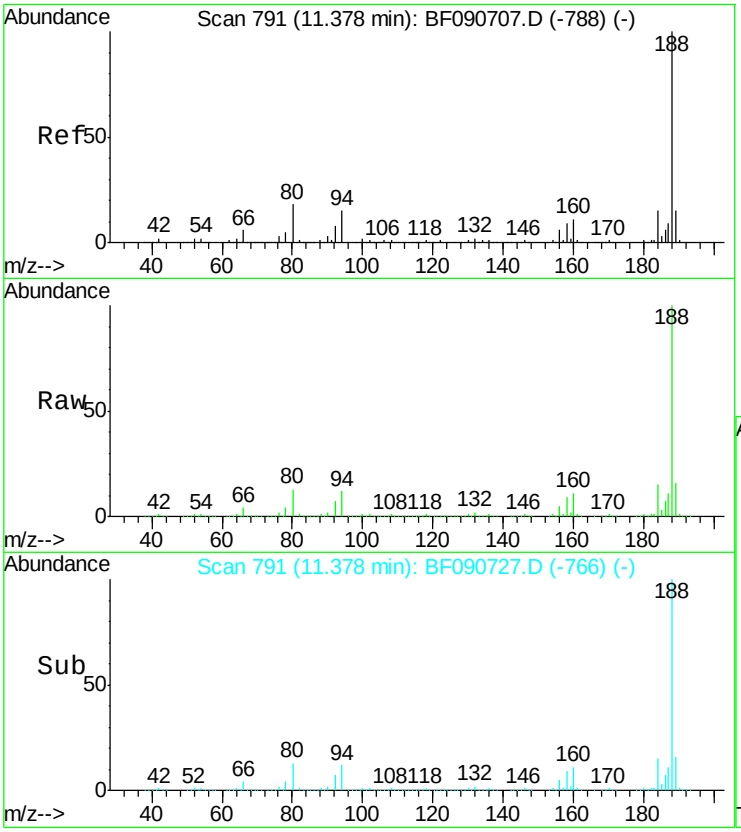


#44
2-Fluorobiphenyl
Concen: 74.44 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Tgt Ion:172 Resp: 2750304

Ion	Ratio	Lower	Upper
172	100		
171	38.4	26.1	39.1
170	26.1	17.4	26.2



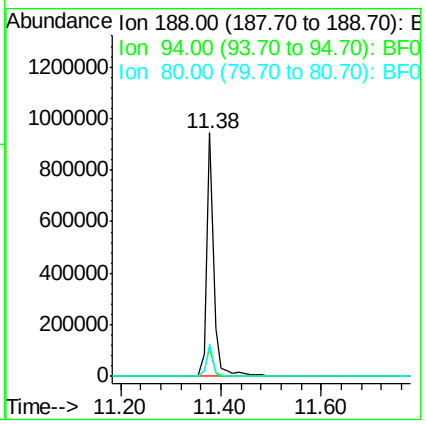


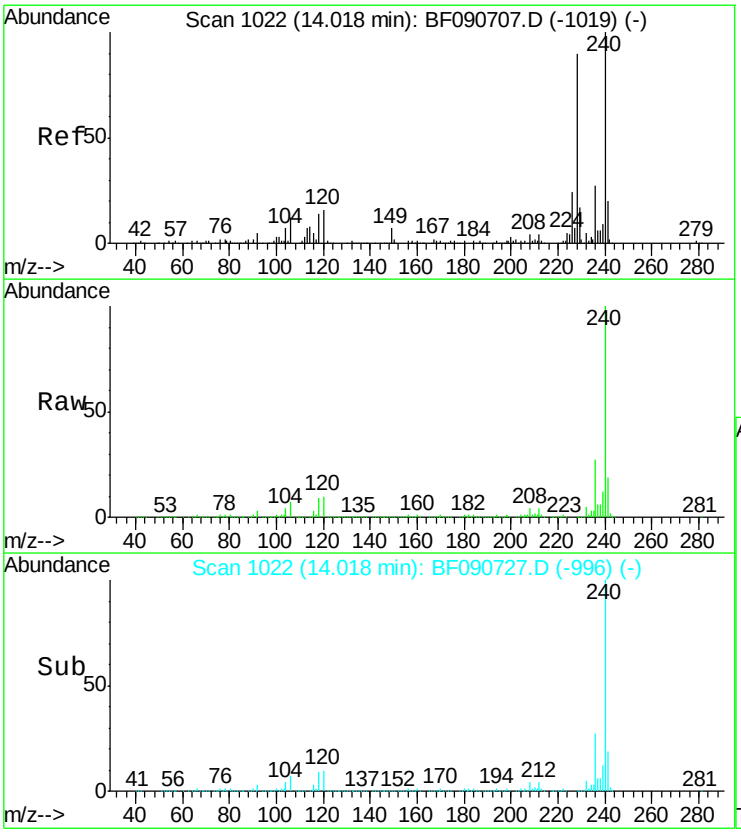
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Instrument :
BNA_F
ClientSampleId :
MW-102S

Tgt Ion:188 Resp: 937084

Ion	Ratio	Lower	Upper
188	100		
94	12.0	11.1	16.7
80	13.2	11.0	16.4

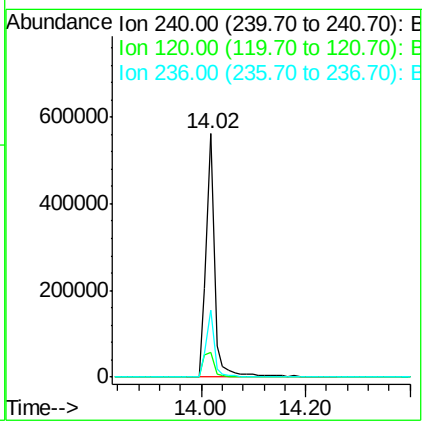


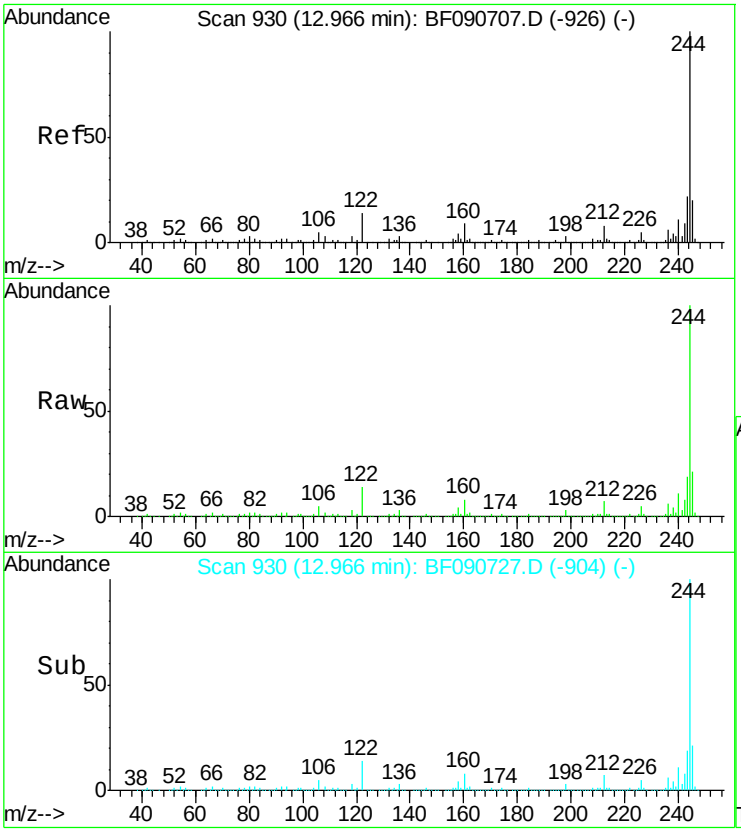


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Tgt Ion:240 Resp: 647421

Ion	Ratio	Lower	Upper
240	100		
120	10.4	16.2	24.2#
236	27.3	18.4	27.6



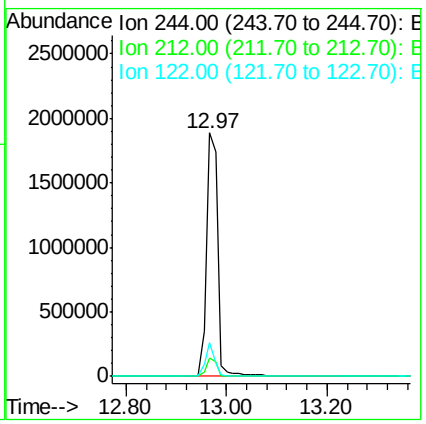


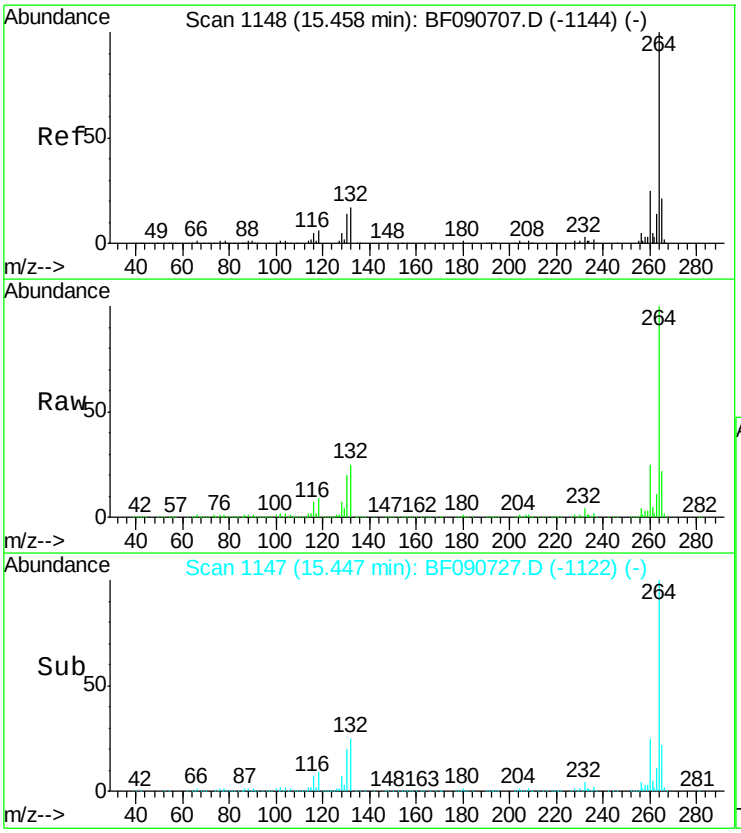
#78
Terphenyl-d14
Concen: 103.10 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Instrument :
BNA_F
ClientSampleId :
MW-102S

Tgt Ion:244 Resp: 2912348

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	13.8	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: BF090727.D
Acq: 21 Oct 2016 23:09

Tgt Ion:264 Resp: 414985

Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	22.3	17.2	25.8