Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101617.D
Acq On : 21 Dec 2017 19:54
Operator : SJ/JU
Sample : I6957-04 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

Manual Integrations APPROVED
Sohil
12/22/2017 12:42:10 PM

Quant Time: Dec 22 01:23:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115785	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	410035	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	146661	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	262119	20.00	ng	0.00
75) Chrysene-d12	13.97	240	291919	20.00	ng	0.00
86) Perylene-d12	15.44	264	236521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	33619m	4.33	ng	0.04
7) Phenol-d6	6.47	99	41013	4.24	ng	0.03
23) Nitrobenzene-d5	7.39	82	25030	3.40	ng	0.02
41) 2,4,6-Tribromophenol	10.64	330	4663	3.30	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	44398	4.70	ng	0.00
78) Terphenyl-d14	12.90	244	39160	3.23	ng	0.00
Target Compounds						Qvalue

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

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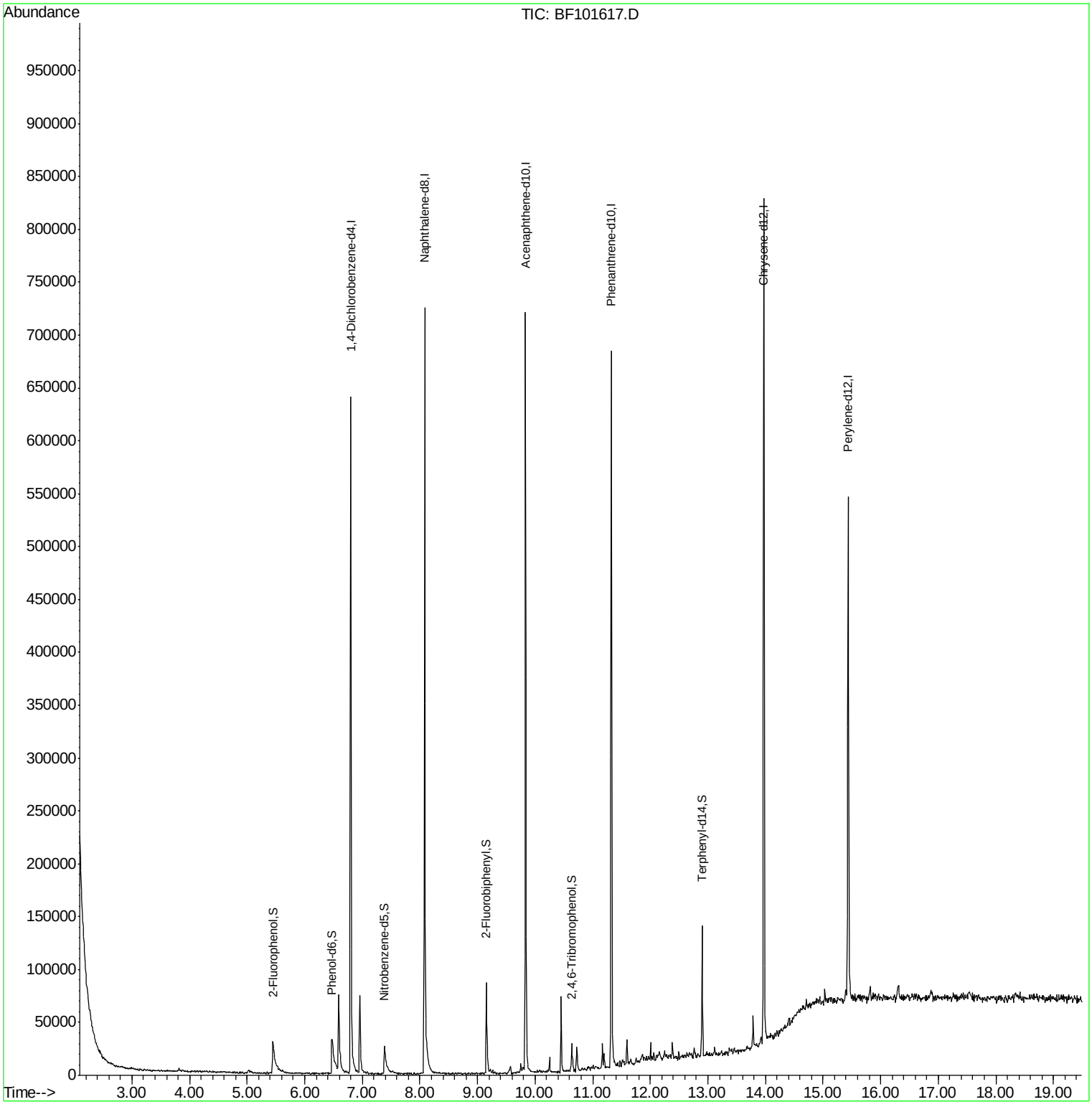
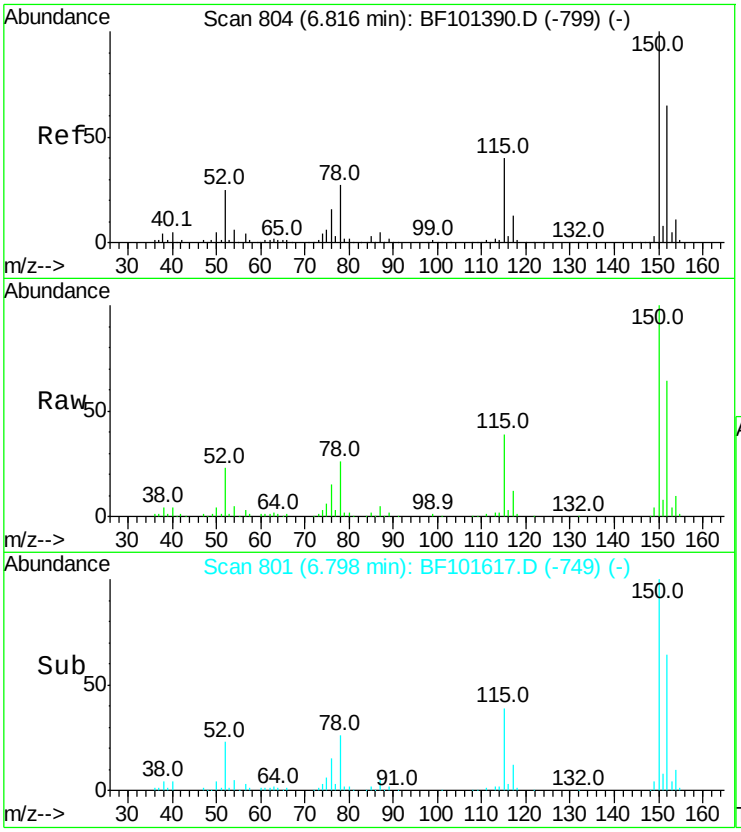
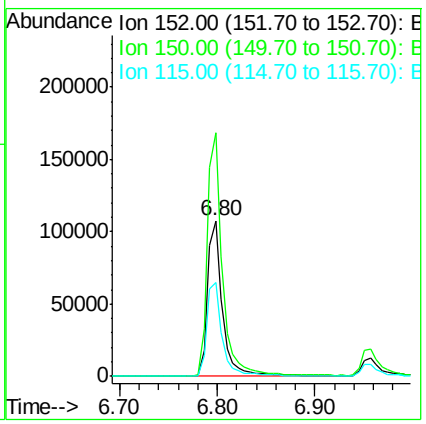




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion:152 Resp: 115785

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	60.6	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
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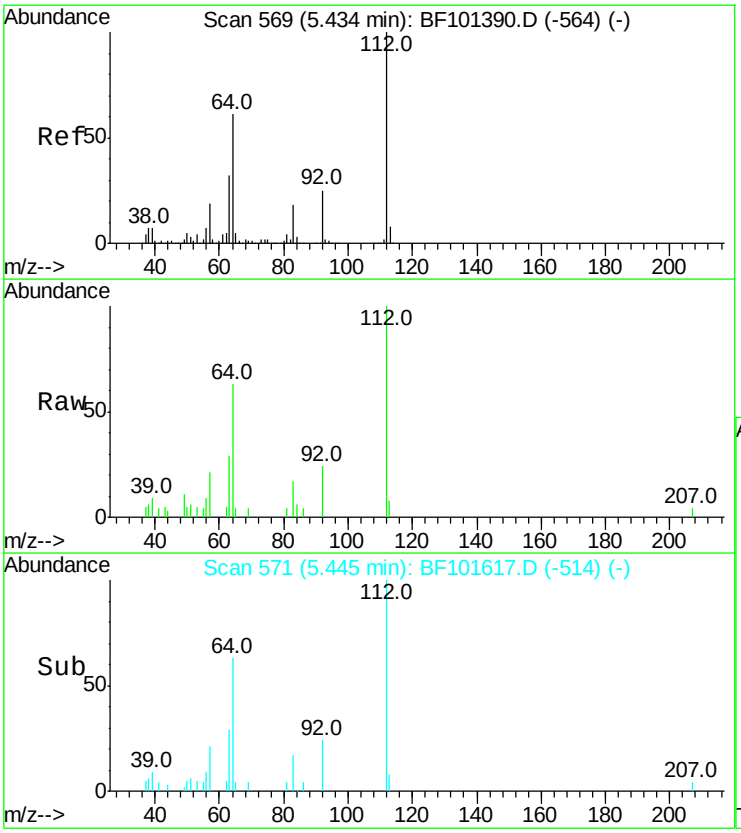
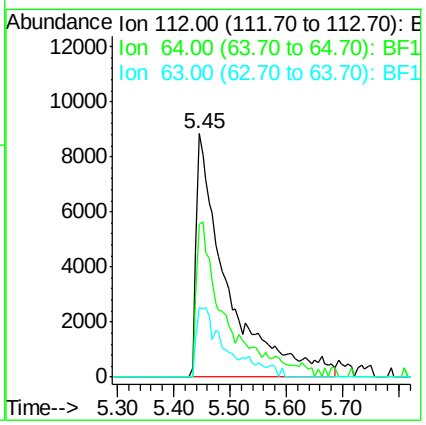
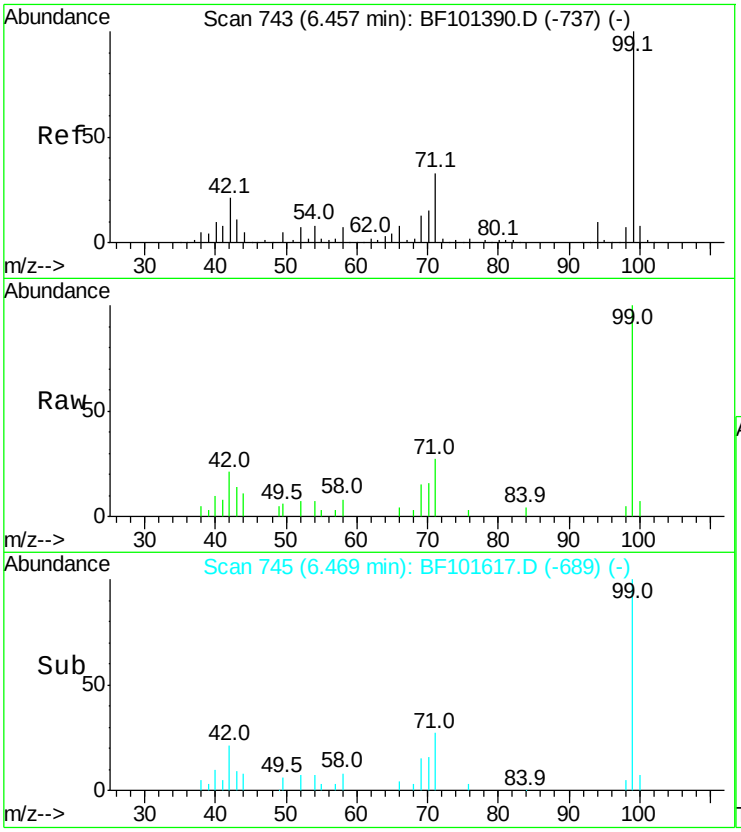


#5
2-Fluorophenol
Concen: 4.325 ng m
RT: 5.45 min Scan# 571
Delta R.T. 0.04 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion:112 Resp: 33619

Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	28.8	23.7	35.5

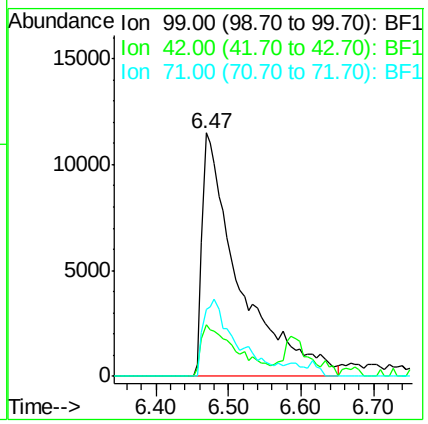




#7
Phenol-d6
Concen: 4.240 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.03 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion: 99 Resp: 41013

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	27.4	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

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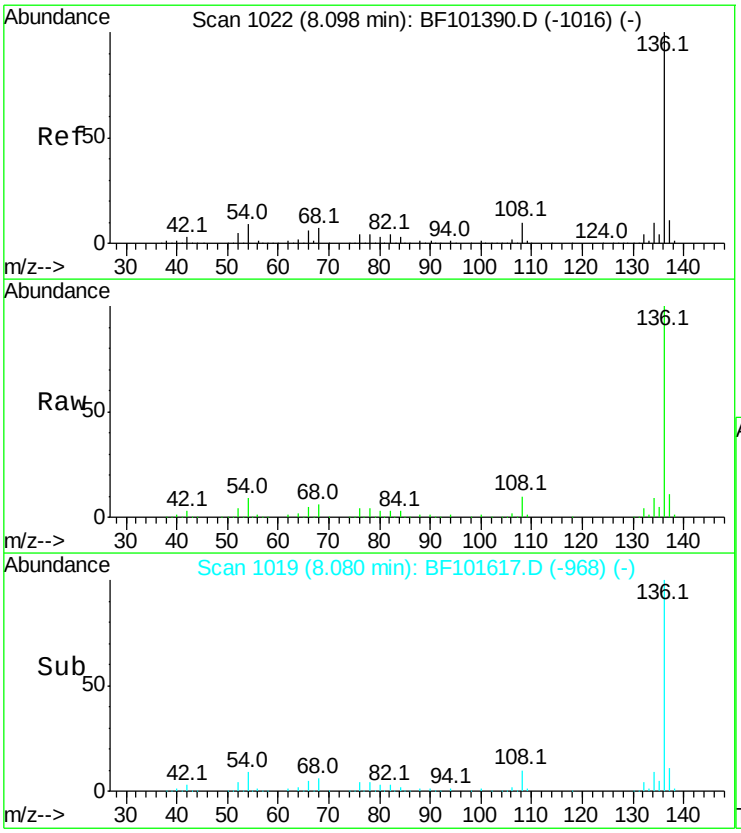
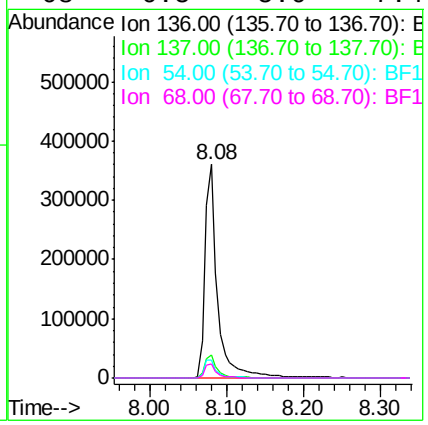
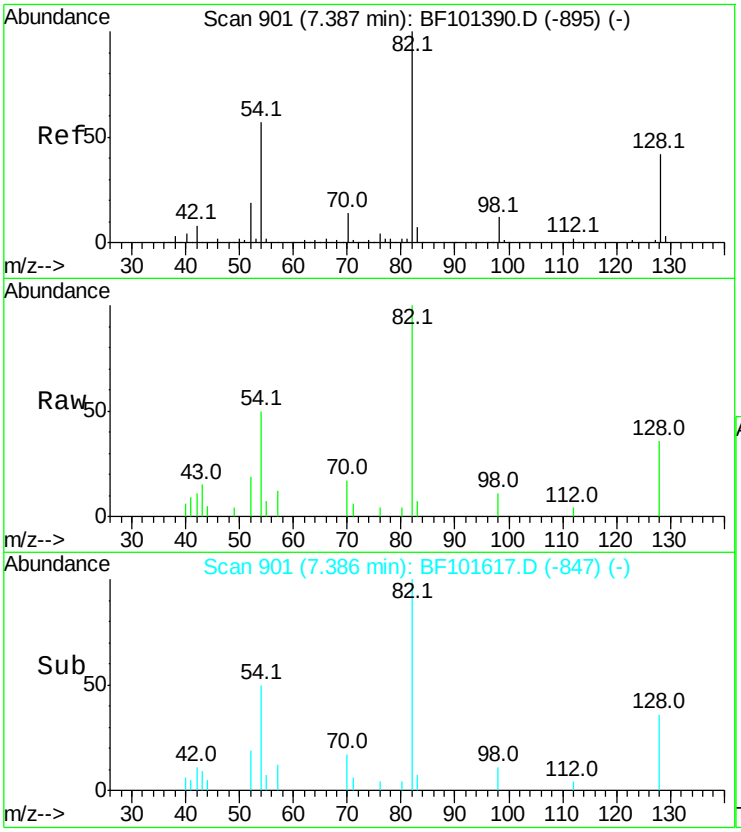


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion:136 Resp: 410035

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.6	6.6	9.8
68	6.5	5.0	7.4

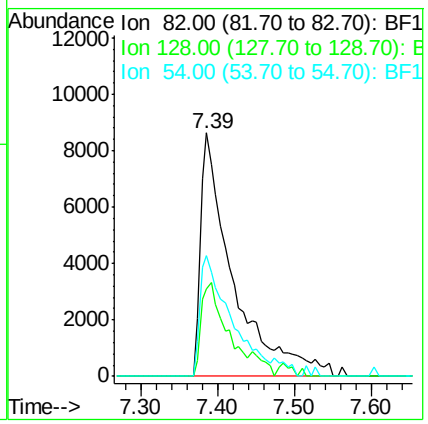




#23
Nitrobenzene-d5
Concen: 3.398 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.02 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion: 82 Resp: 25030

Ion	Ratio	Lower	Upper
82	100		
128	36.1	36.1	54.1
54	49.6	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

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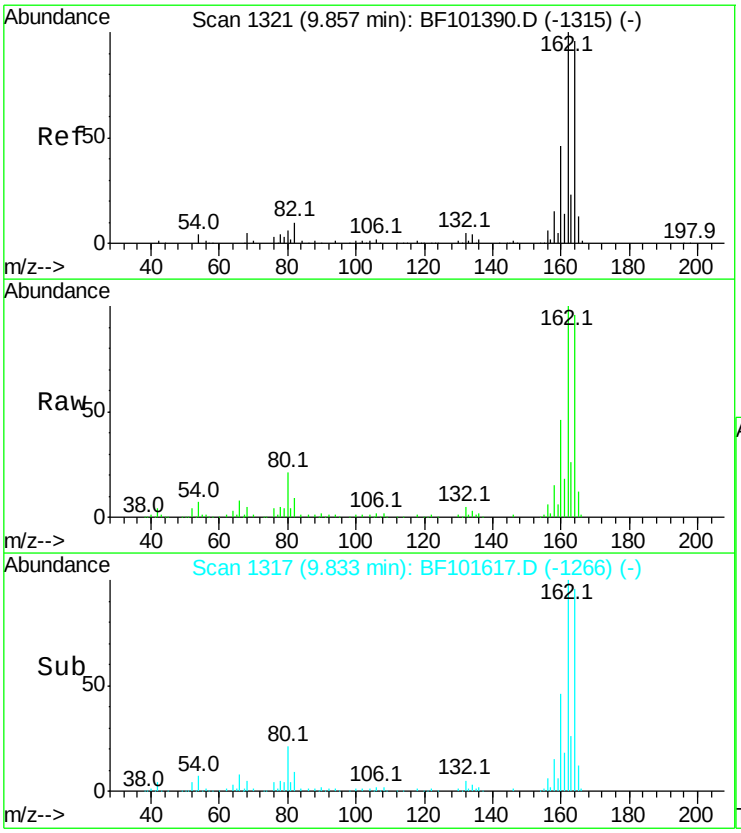
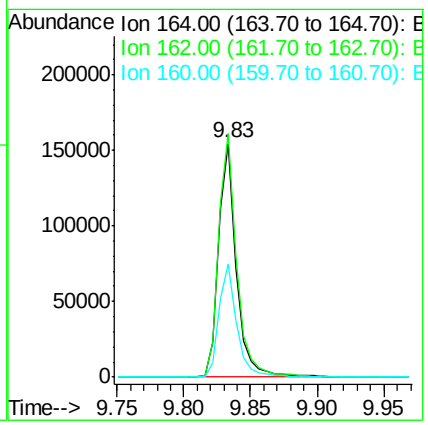
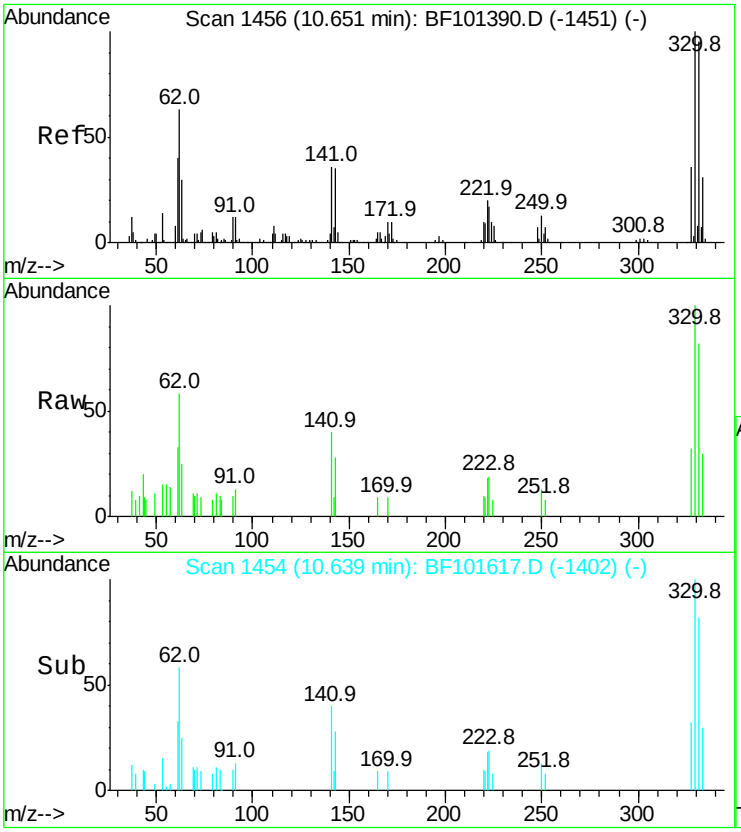


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion:164 Resp: 146661

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	48.2	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 3.300 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion:330 Resp: 4663

Ion	Ratio	Lower	Upper
330	100		
332	90.6	77.0	115.6
141	40.6	29.9	44.9

Instrument :
BNA_F
ClientSampleId :
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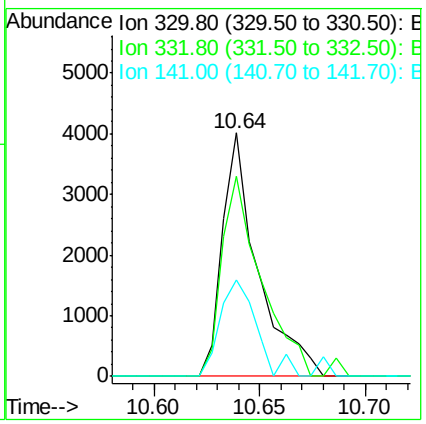
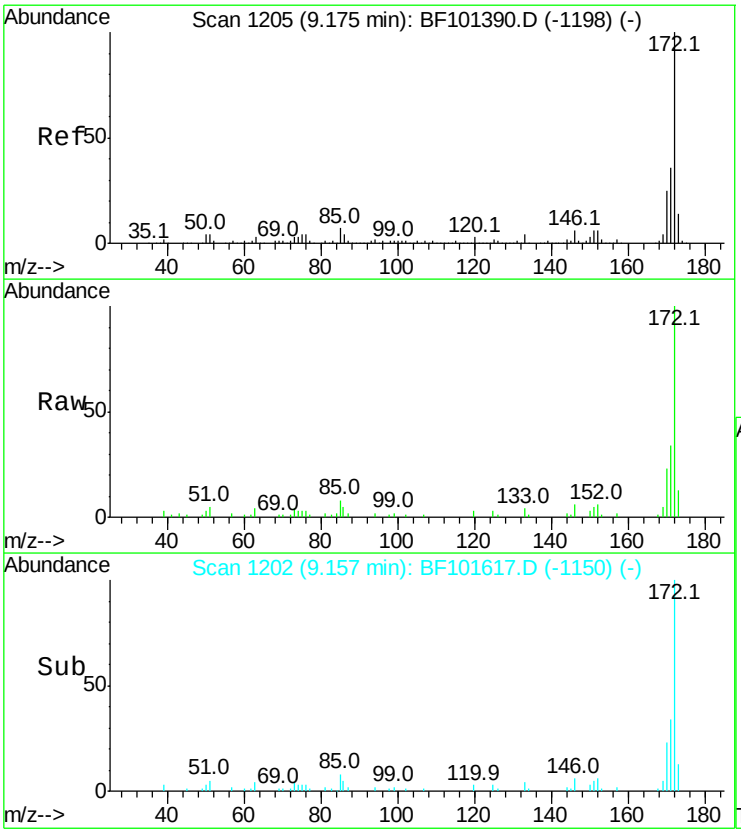
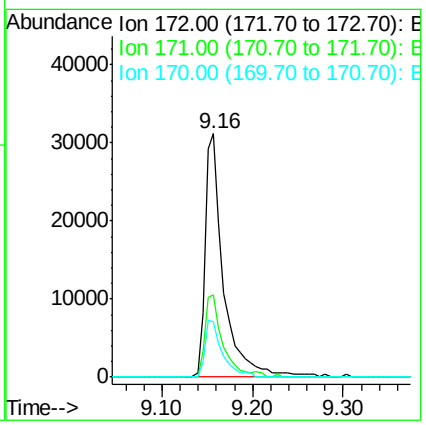


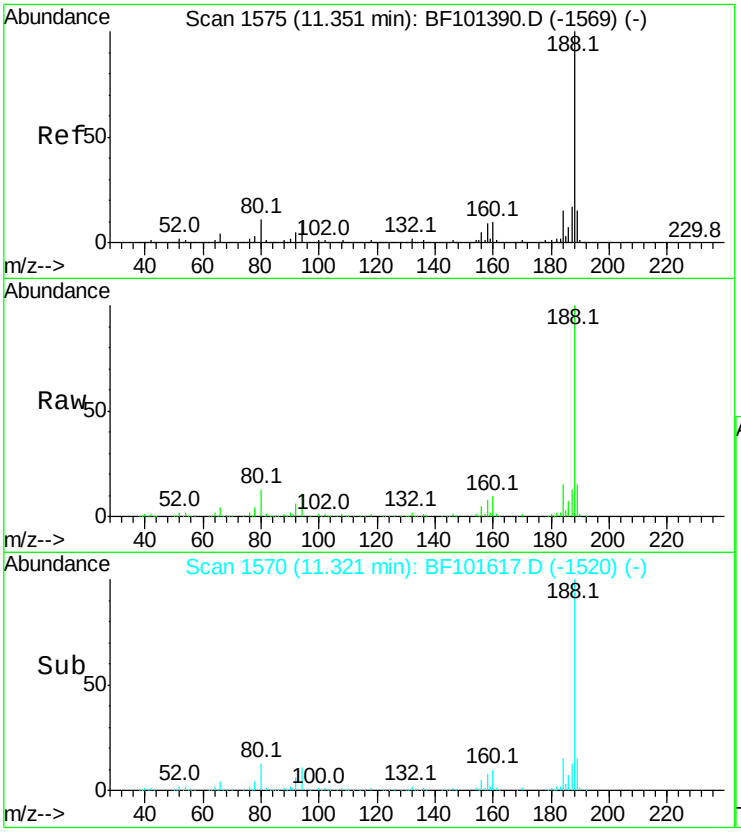


#44
2-Fluorobiphenyl
Concen: 4.696 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion:172 Resp: 44398

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.7	44.5
170	22.6	19.6	29.4

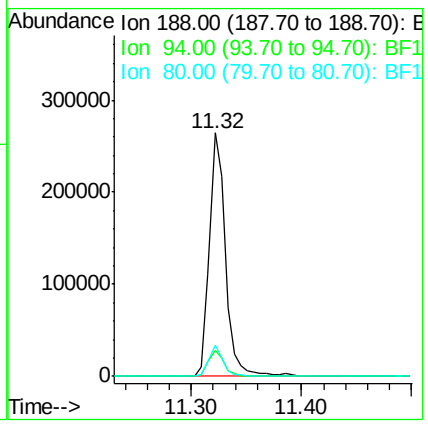




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion:188 Resp: 262119

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	12.6	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

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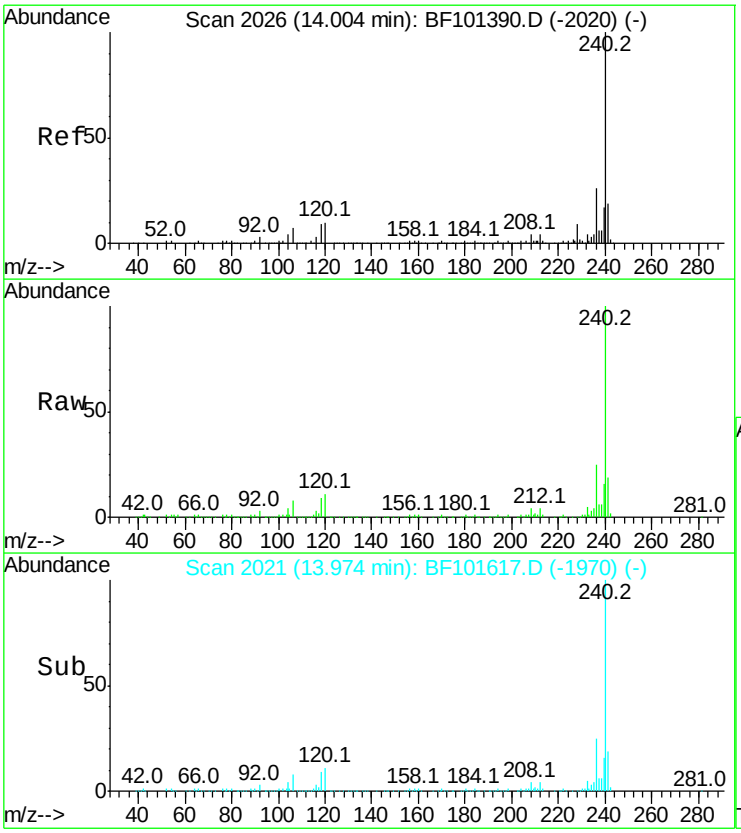
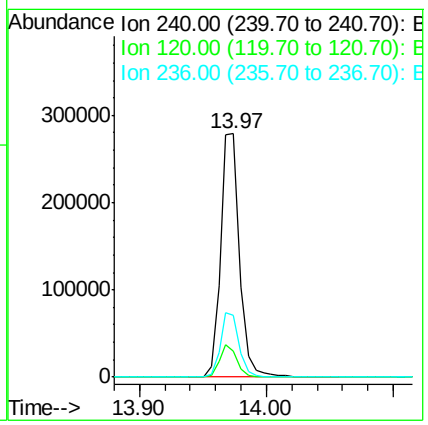
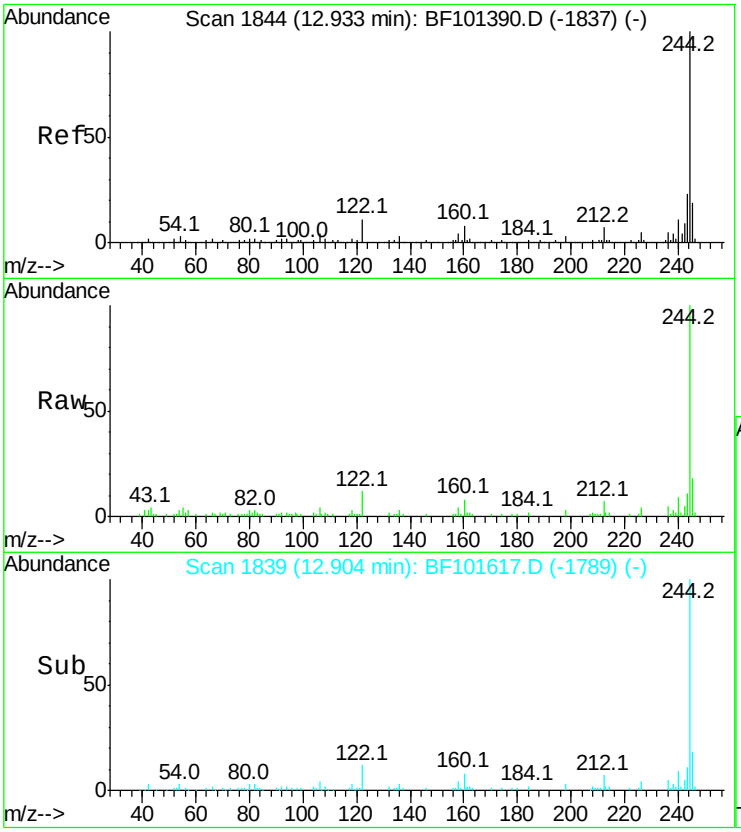


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion:240 Resp: 291919

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.1	20.7	31.1

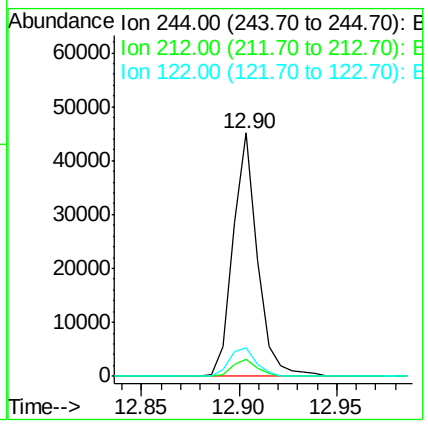




#78
Terphenyl-d14
Concen: 3.234 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion:244 Resp: 39160

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.5	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
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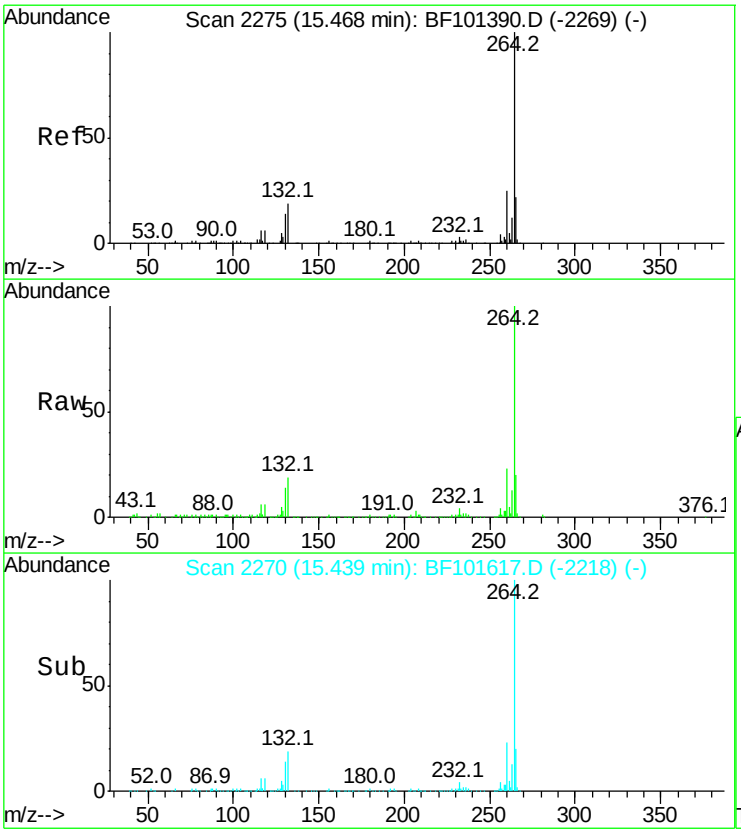

#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101617.D
Acq: 21 Dec 2017 19:54

Tgt Ion:264 Resp: 236521

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.3	17.5	26.3