Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101732.D
Acq On : 26 Dec 2017 23:47
Operator : SJ/JU
Sample : I6957-01RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-NWRE

Quant Time: Dec 27 06:34:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150676	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	534735	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	201960	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	341568	20.00	ng	0.00
75) Chrysene-d12	13.97	240	341244	20.00	ng	0.00
86) Perylene-d12	15.44	264	299764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.47	99	976	0.08	ng	0.04
23) Nitrobenzene-d5	7.36	82	619328	64.47	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	993568	76.32	ng	0.00
78) Terphenyl-d14	12.90	244	822039	58.07	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	64315	3.959	ng	99
70) Phenanthrene	11.34	178	44187	2.326	ng	99
74) Fluoranthene	12.54	202	48930	2.454	ng	98
77) Pyrene	12.77	202	52719	2.059	ng	98

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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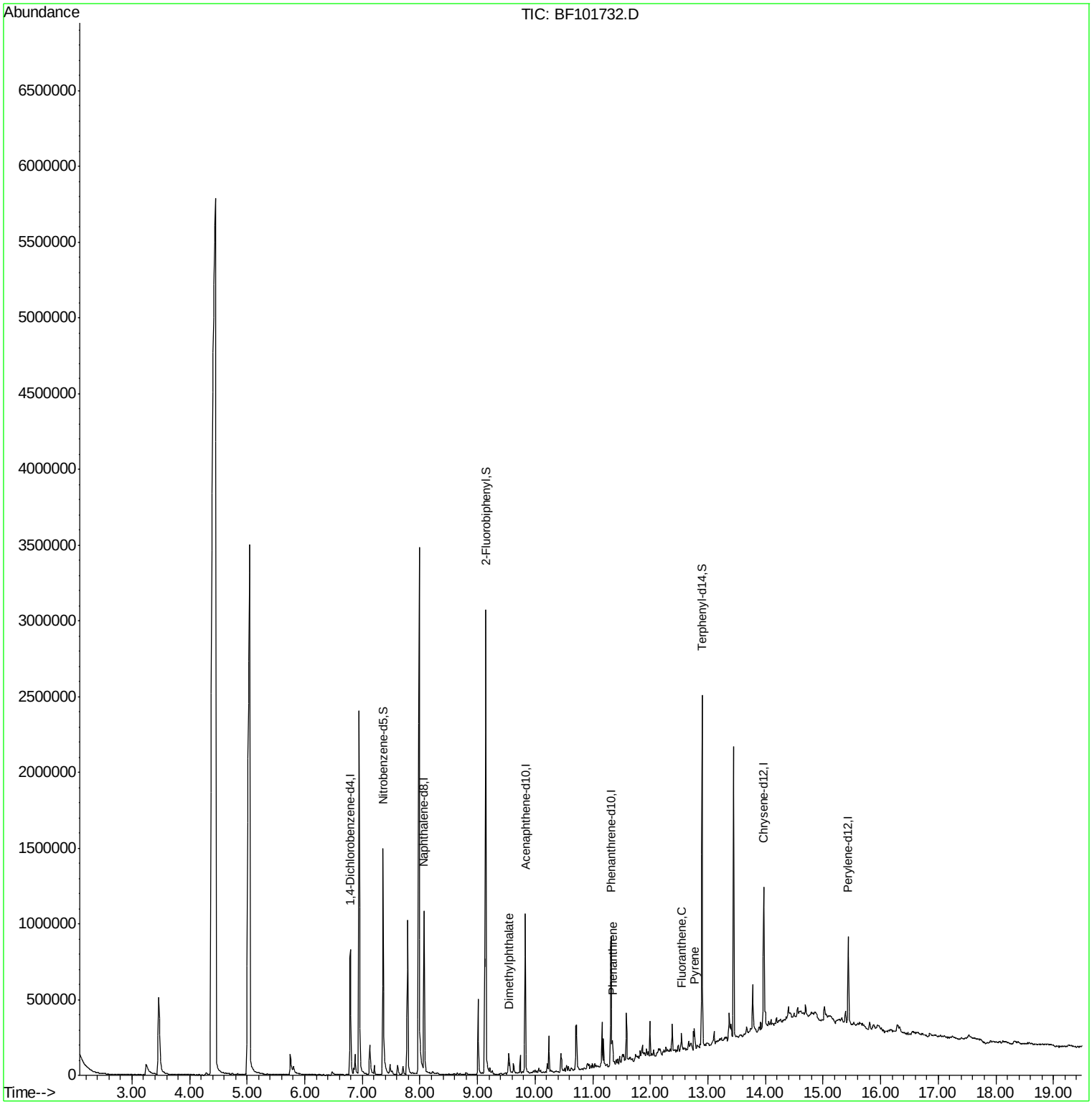
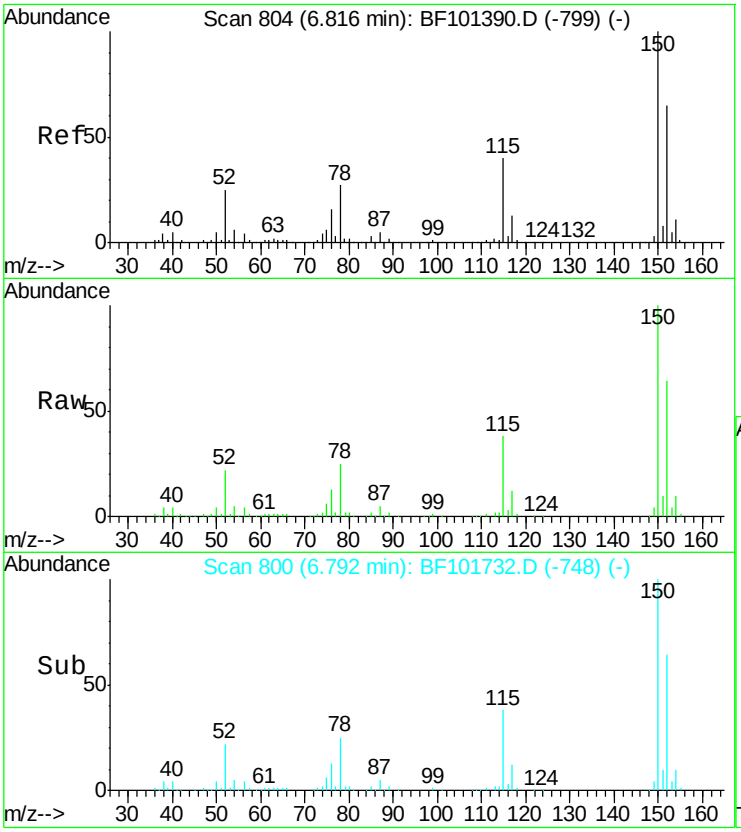


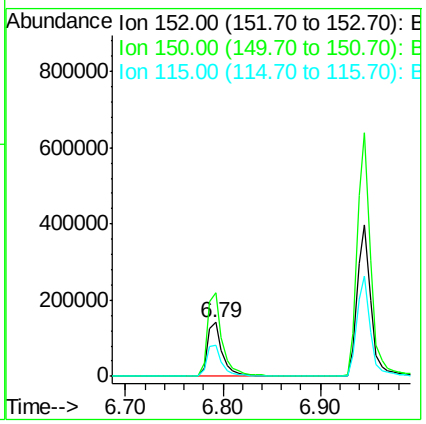


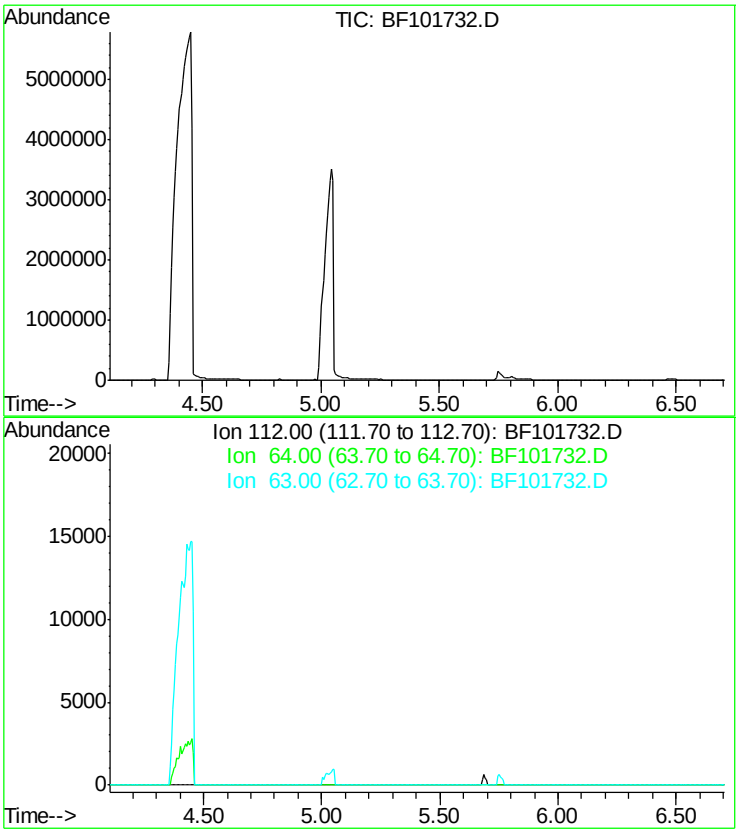
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Instrument :
BNA_F
ClientSampleId :
HALSTED-NWRE

Tgt Ion:152 Resp: 150676

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.1	50.1	75.1



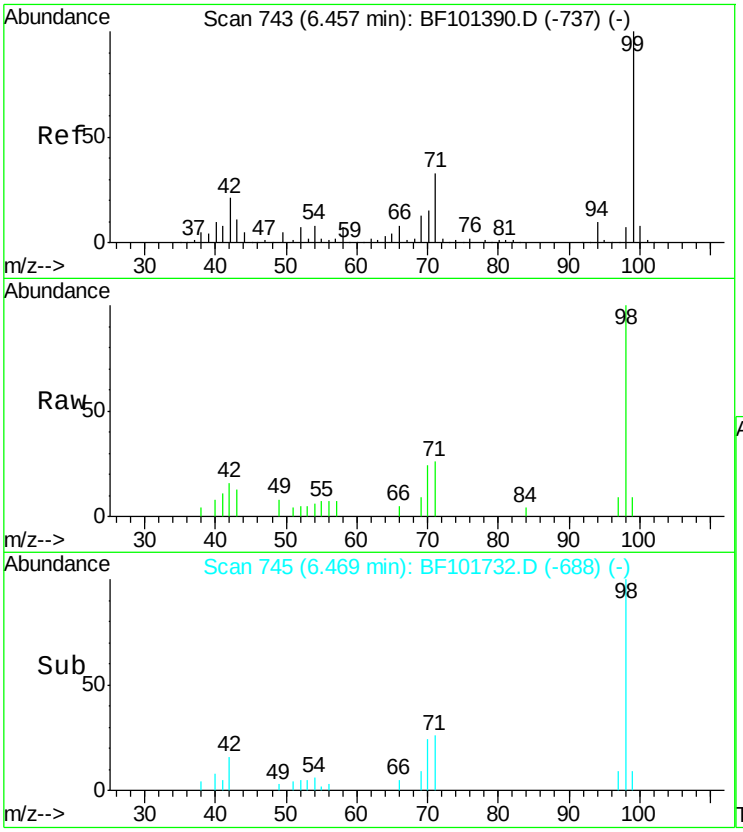


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.40 min

Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.9
63	29.6

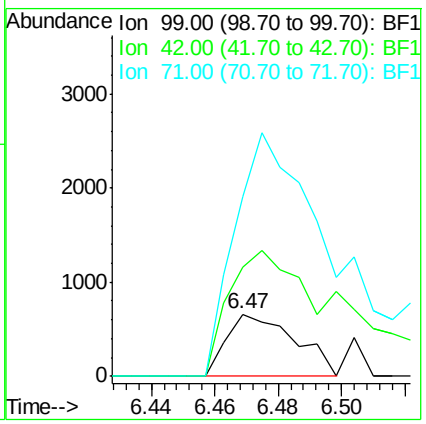


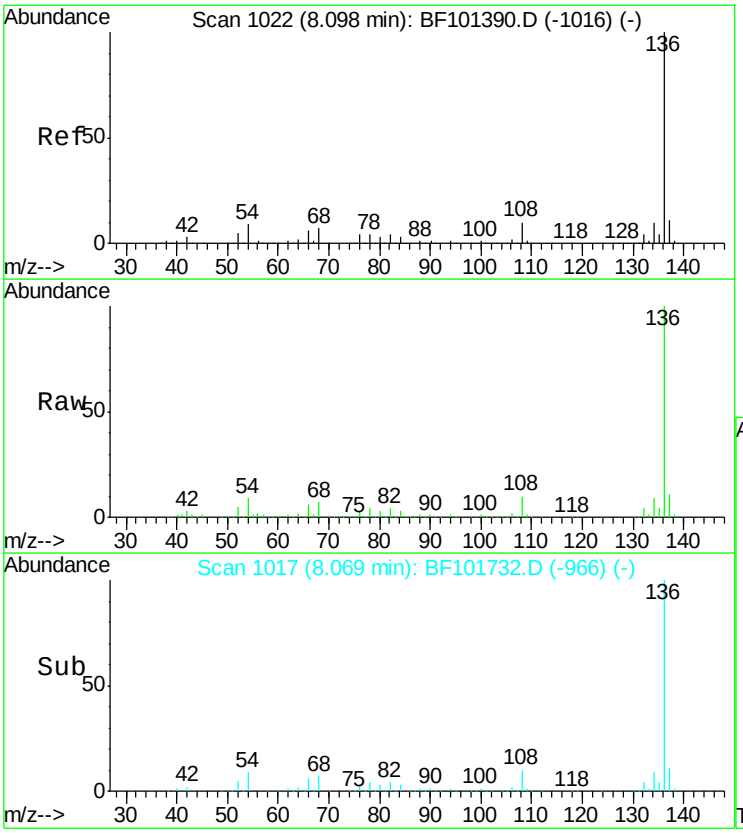
#7
Phenol-d6
Concen: 0.078 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.04 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Instrument :
BNA_F
ClientSampleId :
HALSTED-NWRE

Tgt Ion: 99 Resp: 976

Ion	Ratio	Lower	Upper
99	100		
42	175.6	14.5	21.7#
71	291.0	25.4	38.0#

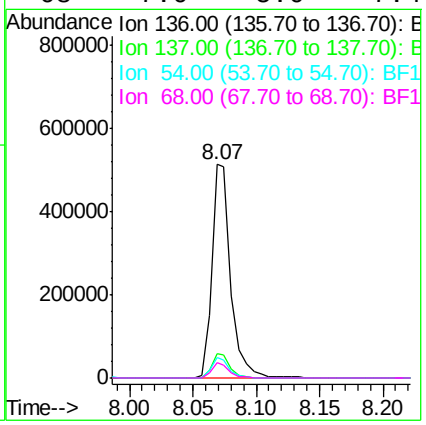


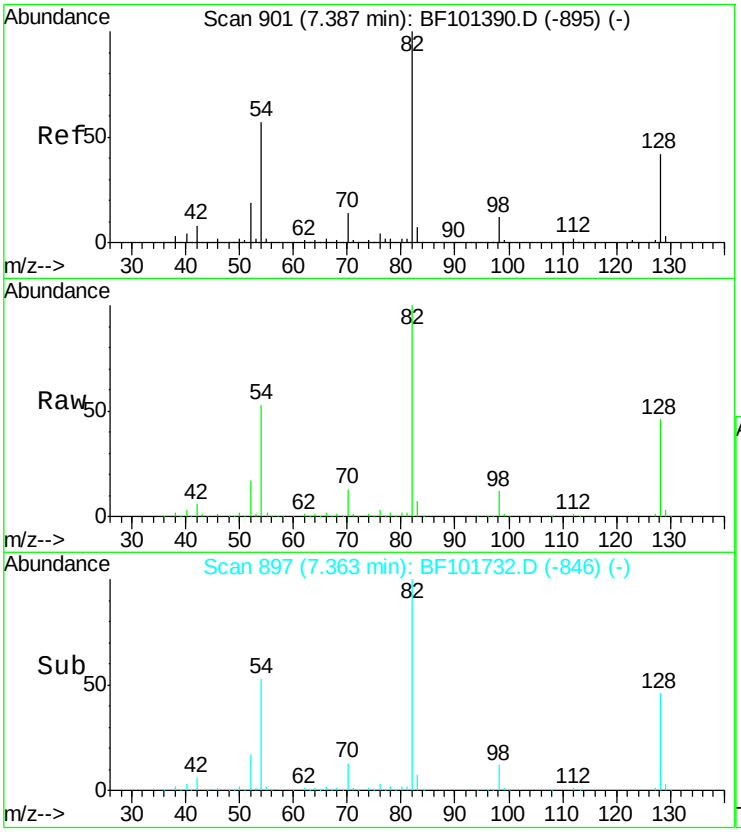


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Tgt Ion:136 Resp: 534735

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.3	6.6	9.8
68	7.0	5.0	7.4



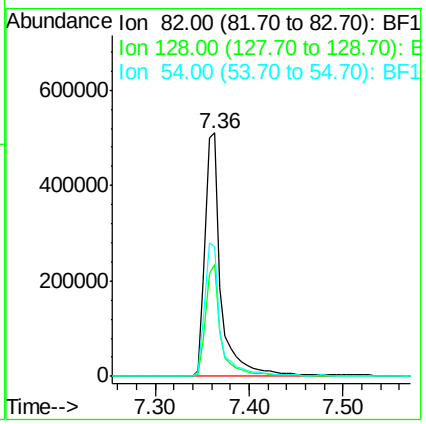


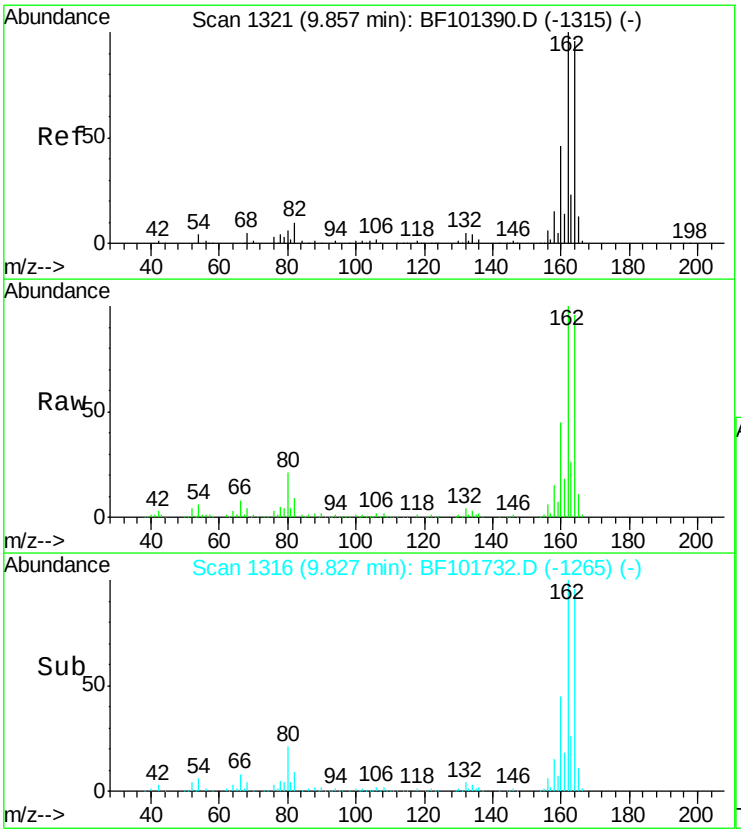
#23
Nitrobenzene-d5
Concen: 64.472 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Instrument :
BNA_F
ClientSampleId :
HALSTED-NWRE

Tgt Ion: 82 Resp: 619328

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.3	41.4	62.2

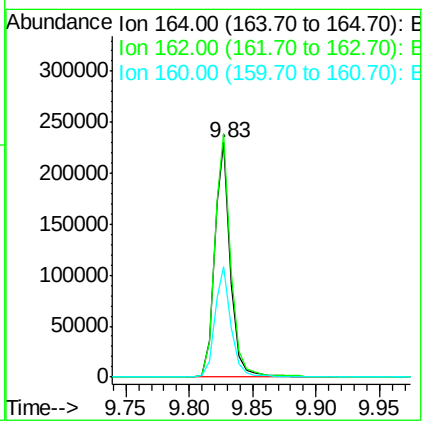


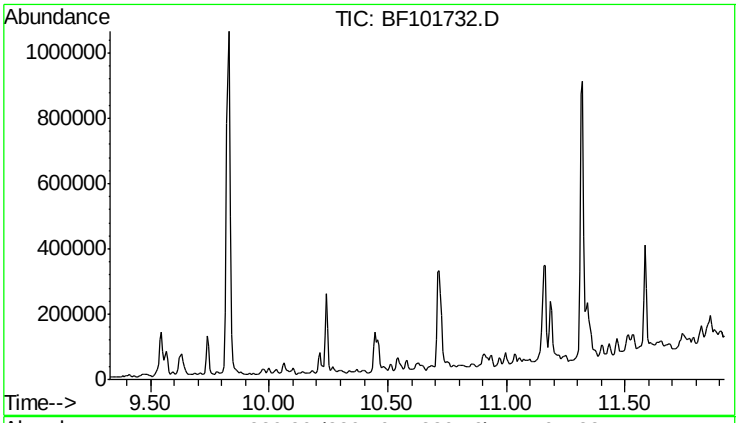


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Tgt Ion:164 Resp: 201960

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.9	38.3	57.5





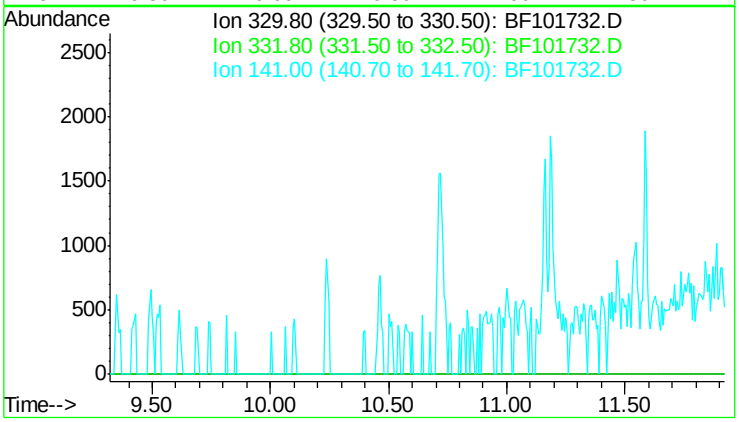
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.62 min

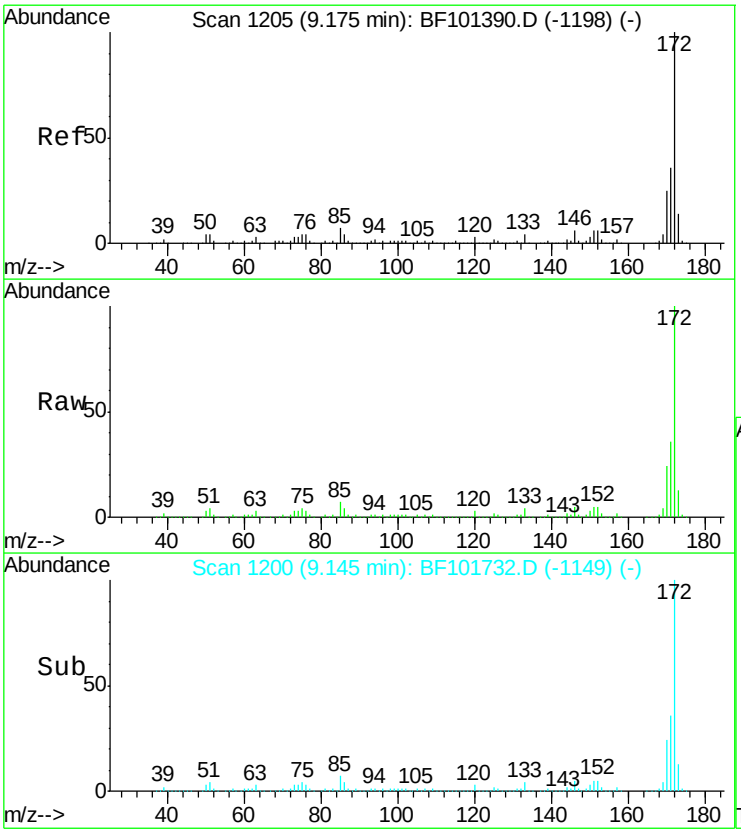
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4

Instrument :
BNA_F
ClientSampleId :
HALSTED-NWRE

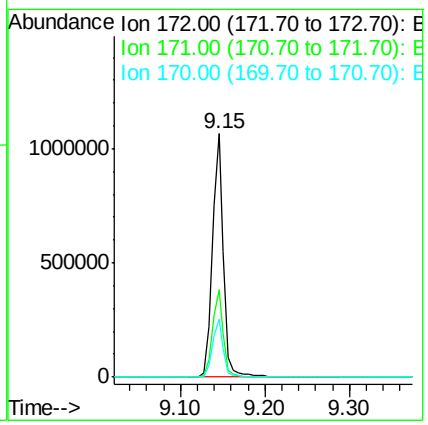


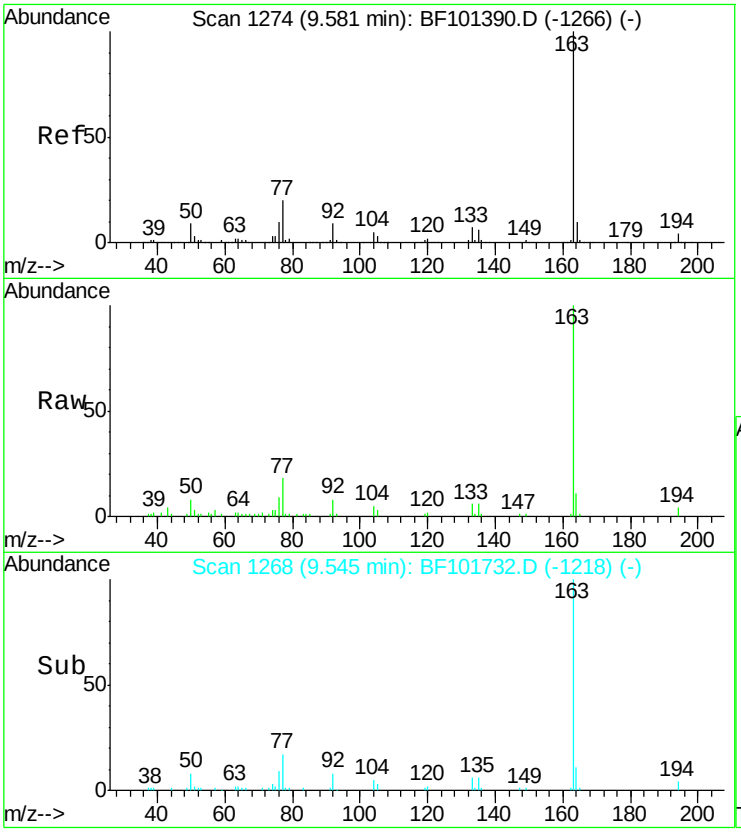


#44
2-Fluorobiphenyl
Concen: 76.315 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Tgt Ion:172 Resp: 993568

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.0	19.6	29.4



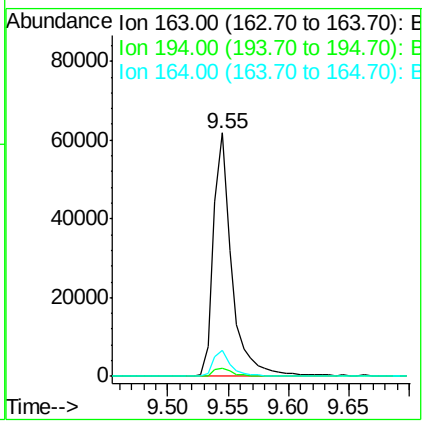


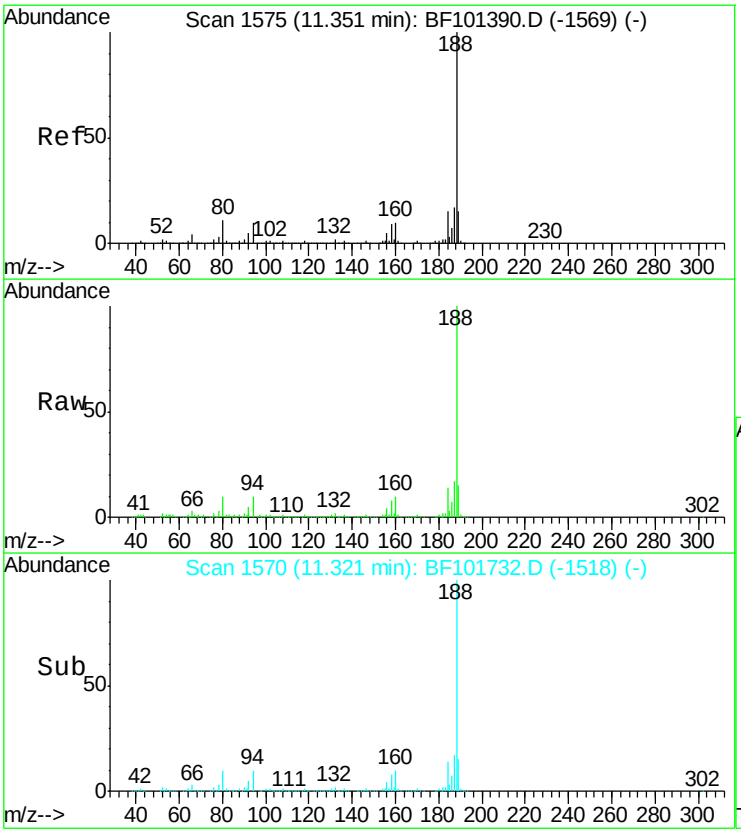
#49
Dimethylphthalate
Concen: 3.959 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Instrument :
BNA_F
ClientSampleId :
HALSTED-NWRE

Tgt Ion:163 Resp: 64315

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.6	8.2	12.2

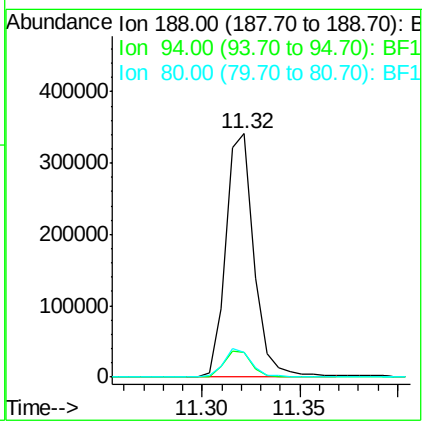


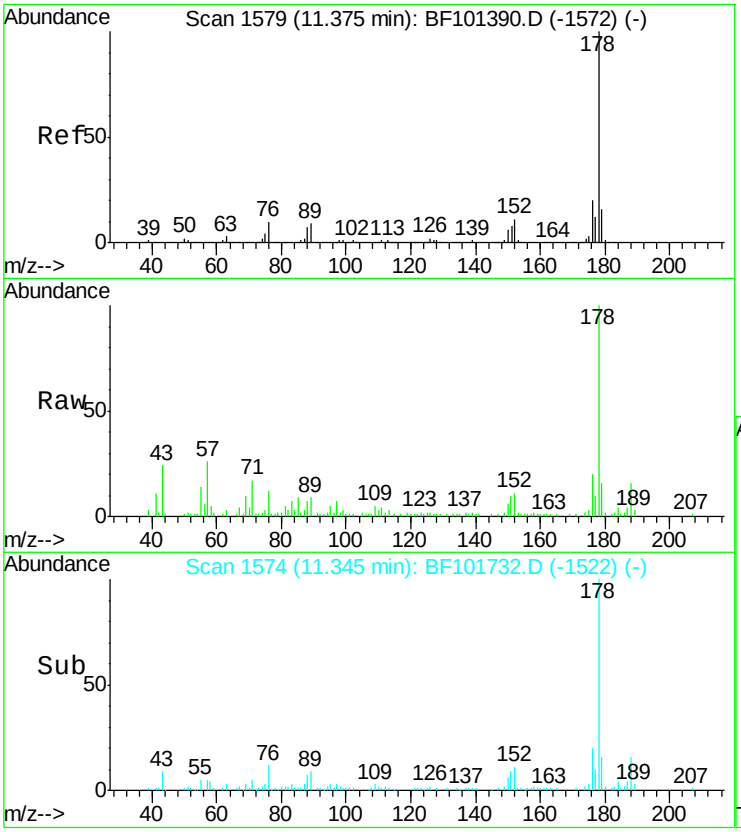


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Tgt Ion:188 Resp: 341568

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.3	9.2	13.8



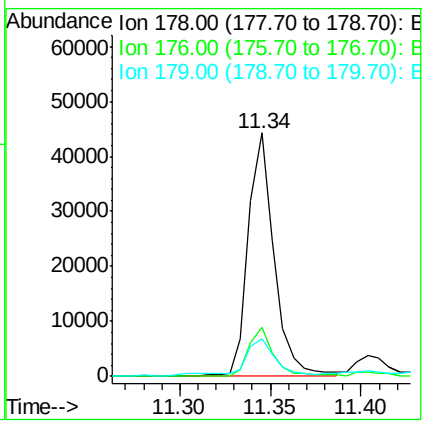


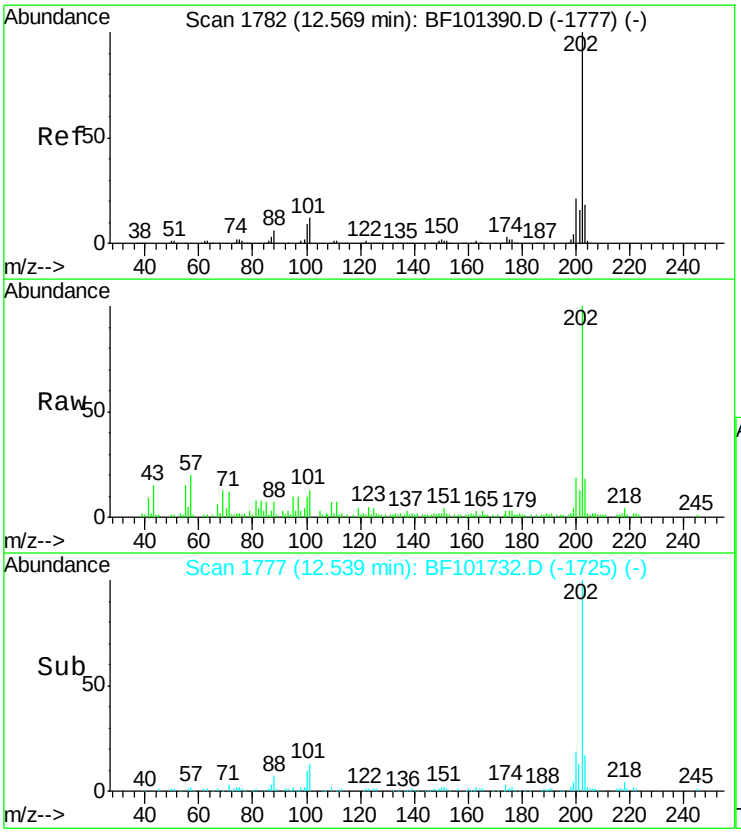
#70
Phenanthrene
Concen: 2.326 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Instrument :
BNA_F
ClientSampleId :
HALSTED-NWRE

Tgt Ion:178 Resp: 44187

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.6	13.0	19.6

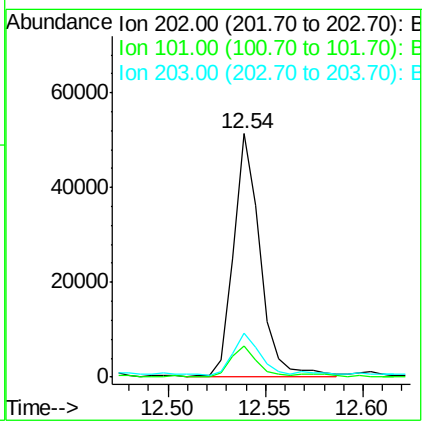


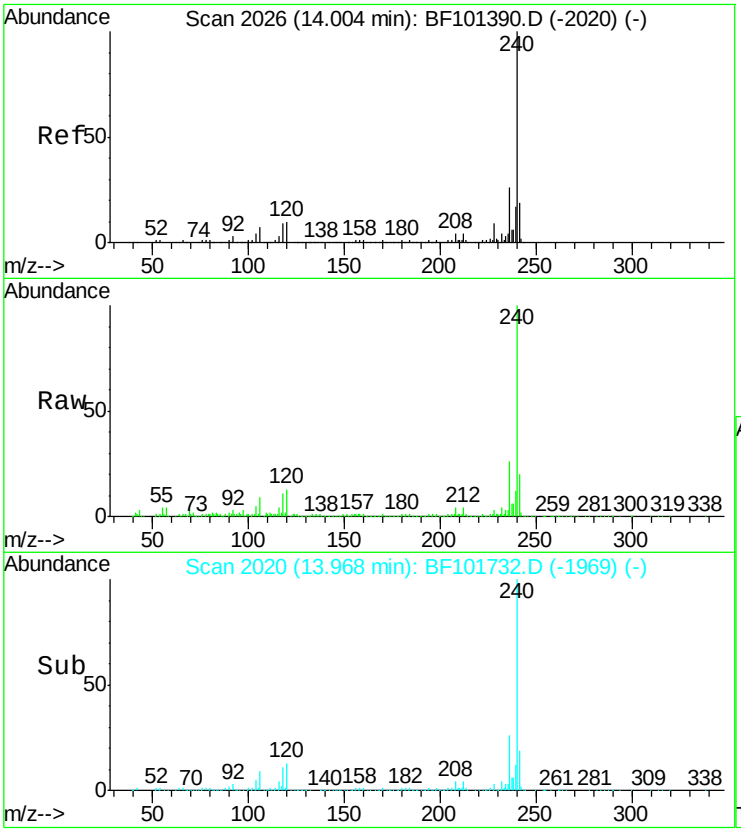


#74
Fluoranthene
Concen: 2.454 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Tgt Ion:202 Resp: 48930

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	18.1	0.0	38.1



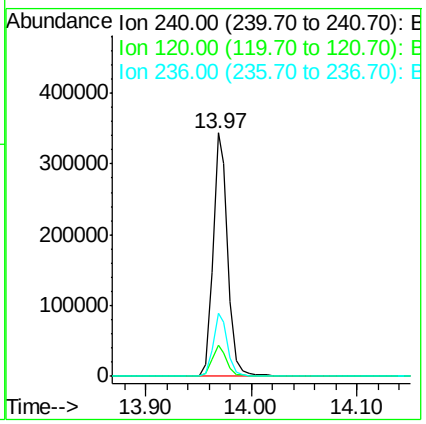


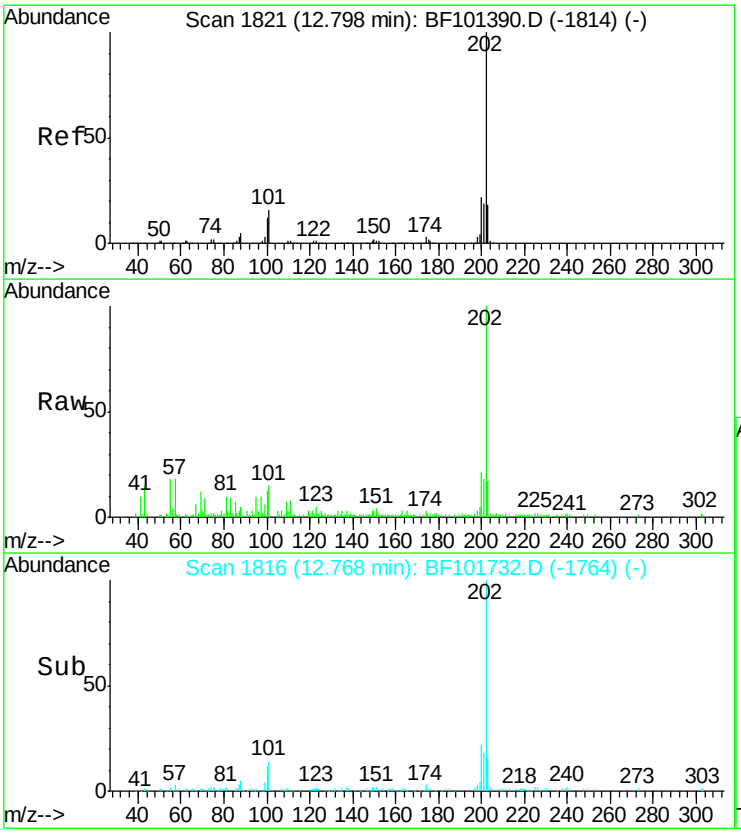
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Instrument :
BNA_F
ClientSampleId :
HALSTED-NWRE

Tgt Ion:240 Resp: 341244

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.0	20.7	31.1

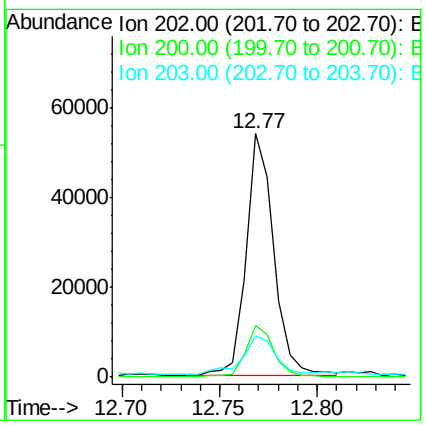


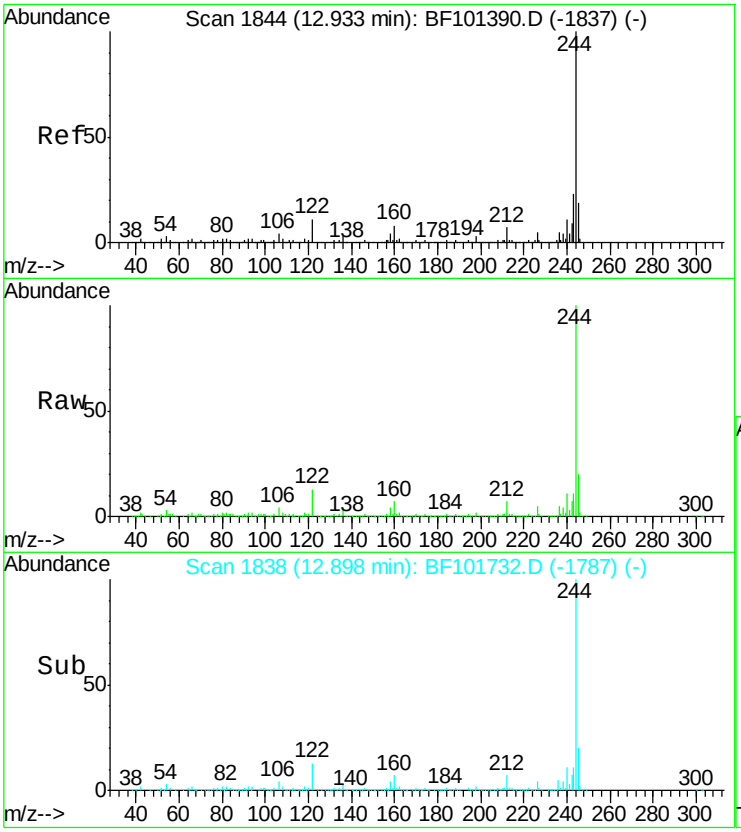


#77
Pyrene
Concen: 2.059 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Tgt Ion:202 Resp: 52719

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	16.8	14.3	21.5



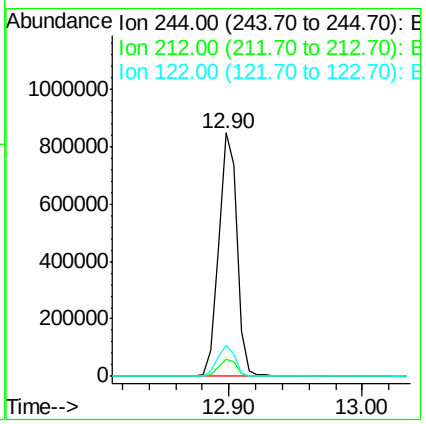


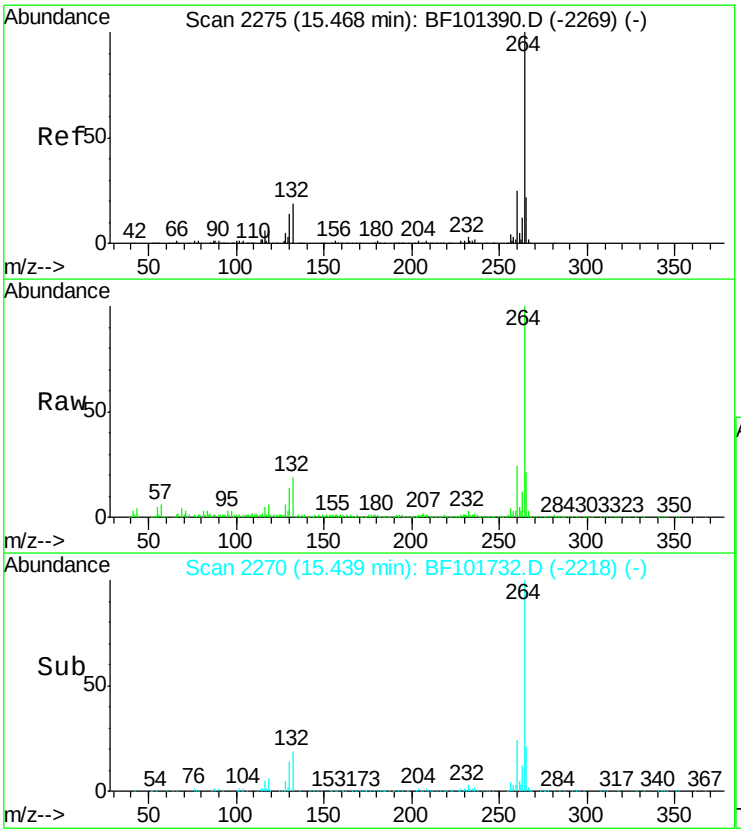
#78
Terphenyl-d14
Concen: 58.074 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Instrument :
BNA_F
ClientSampleId :
HALSTED-NWRE

Tgt Ion:244 Resp: 822039

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101732.D
Acq: 26 Dec 2017 23:47

Tgt Ion:264 Resp: 299764

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	17.5	26.3