Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082314.D
Acq On : 15 Oct 2015 17:34
Operator : UM/IZ
Sample : G4015-13 25X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LW-1

Quant Time: Oct 16 01:12:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:04:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	78994	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	329472	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	156349	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	281846	20.00	ng	0.00
75) Chrysene-d12	14.05	240	209603	20.00	ng	-0.05
86) Perylene-d12	15.58	264	204809	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	11900	3.04	ng	0.00
7) Phenol-d6	6.47	99	15857	3.11	ng	0.00
23) Nitrobenzene-d5	7.39	82	8741	1.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	2998	2.04	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	31015	3.29	ng	-0.01
78) Terphenyl-d14	12.95	244	25629	3.24	ng	-0.02
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.87	165	19616	8.44	ng	# 33
55) 4-Nitrophenol	10.08	139	269	Below Cal		# 11
56) 2,4-Dinitrotoluene	9.87	165	19616	6.76	ng	# 24
87) Benzo(b)fluoranthene	15.16	252	27789	2.23	ng	# 95
88) Benzo(k)fluoranthene	15.16	252	27789	2.65	ng	# 94

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

Quantitation Report (Not Reviewed)

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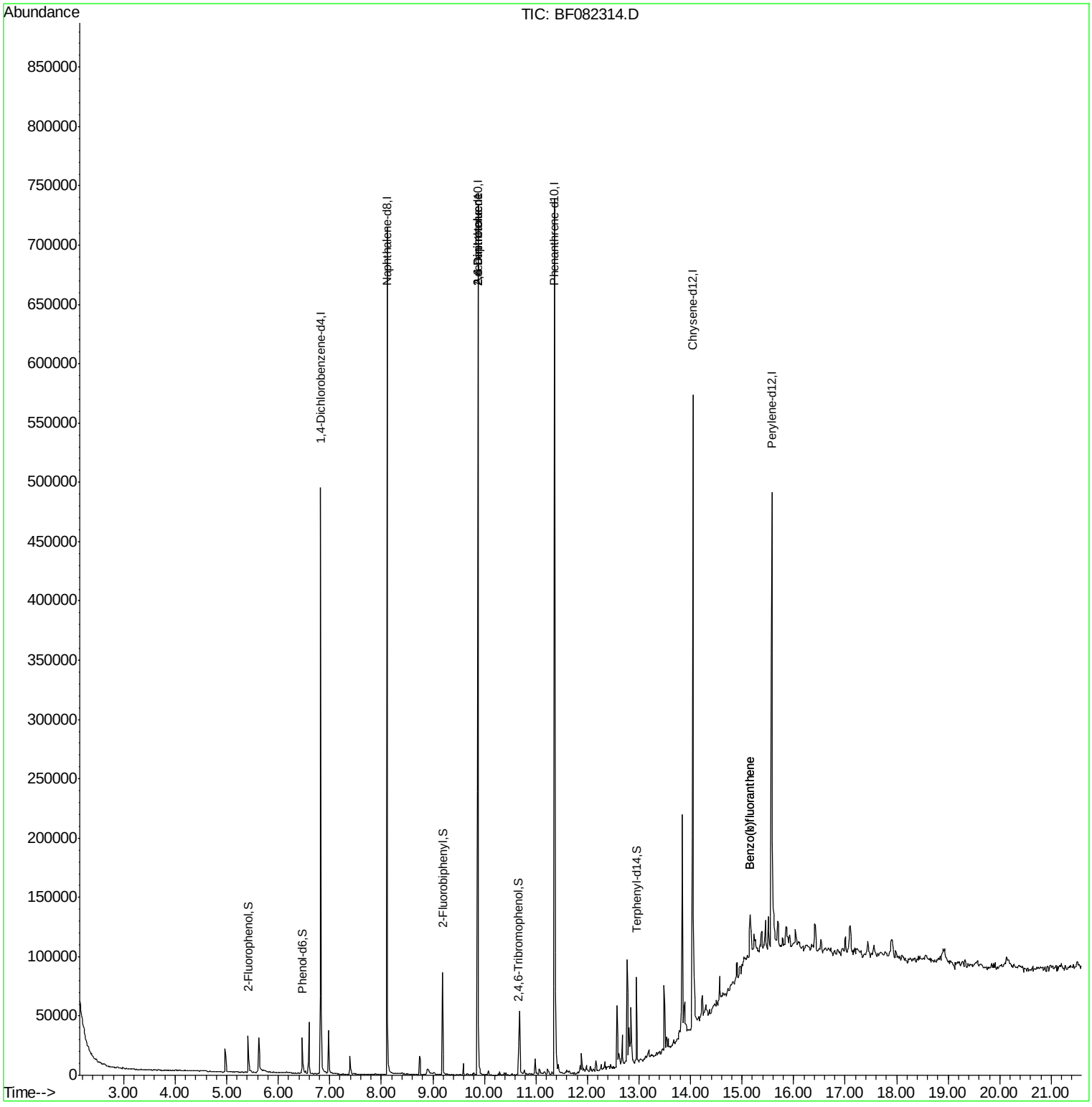
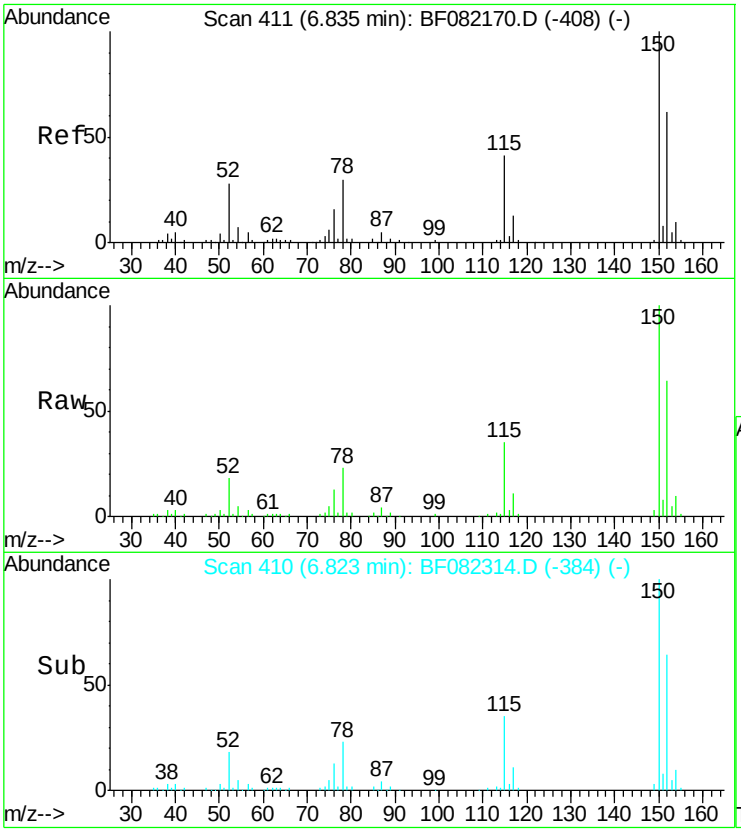


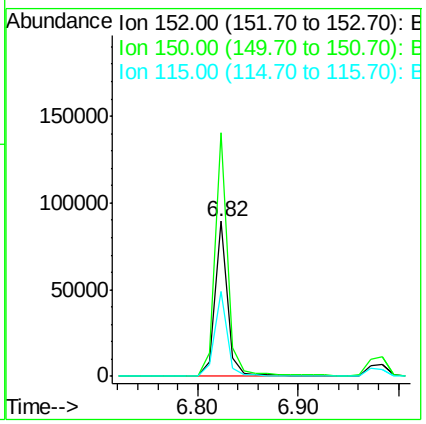


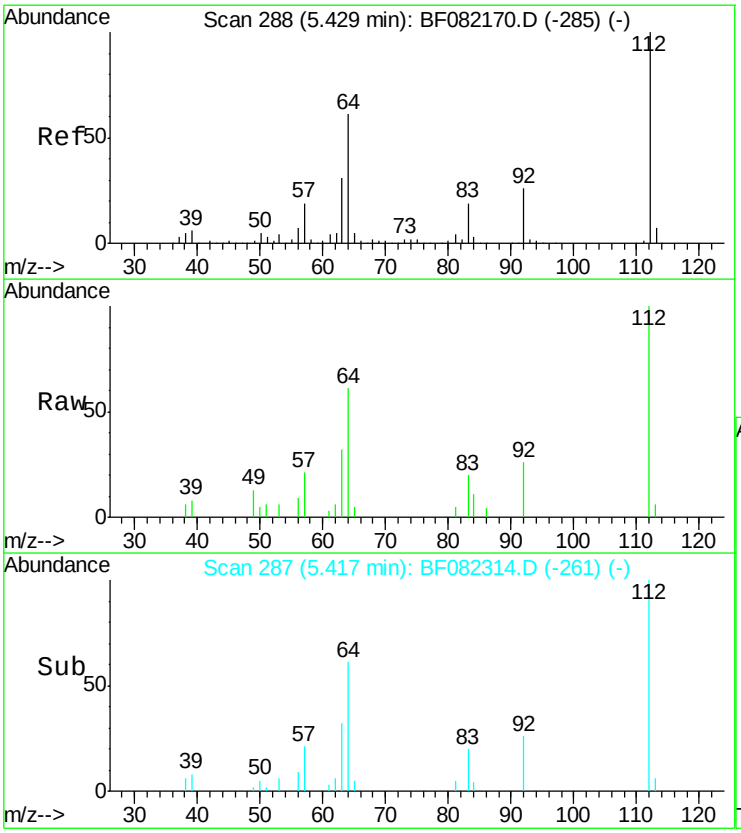
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Instrument :
BNA_F
ClientSampleId :
LW-1

Tgt Ion:152 Resp: 78994

Ion	Ratio	Lower	Upper
152	100		
150	157.4	129.0	193.4
115	54.5	52.1	78.1

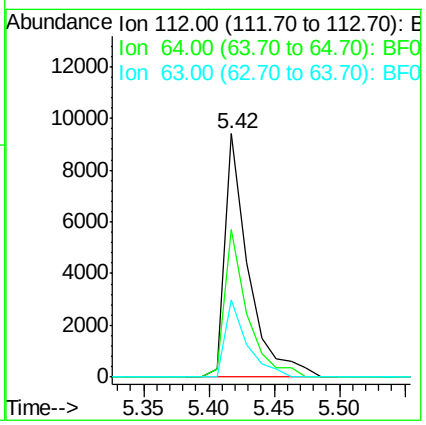


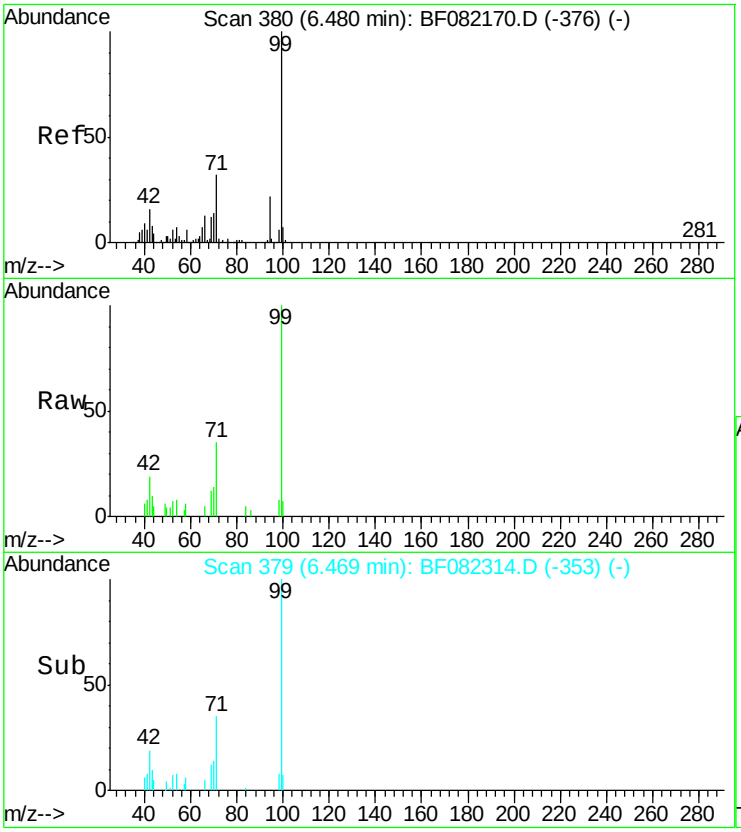


#5
2-Fluorophenol
Concen: 3.04 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Tgt Ion:112 Resp: 11900

Ion	Ratio	Lower	Upper
112	100		
64	60.8	48.6	73.0
63	31.7	25.1	37.7



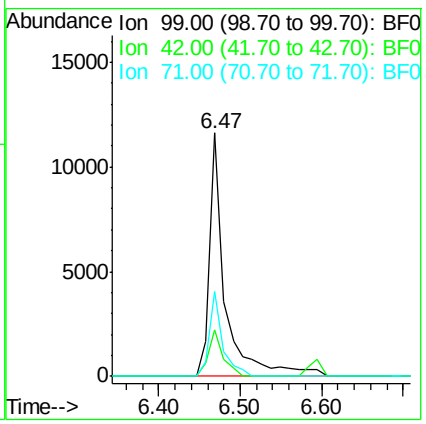


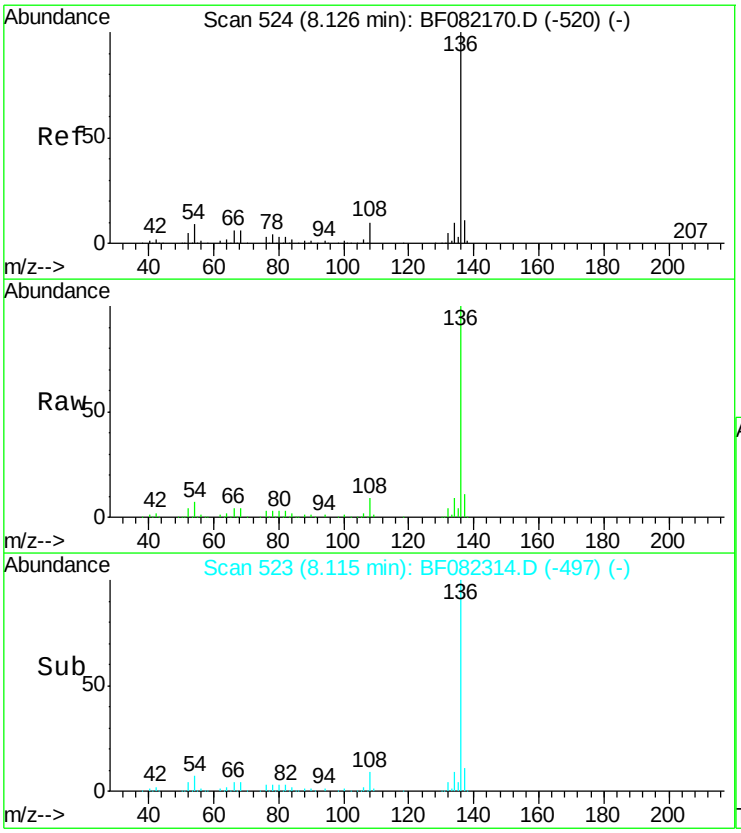
#7
Phenol-d6
Concen: 3.11 ng
RT: 6.47 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Instrument :
BNA_F
ClientSampleId :
LW-1

Tgt Ion: 99 Resp: 15857

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.2	19.8
71	34.7	25.6	38.4

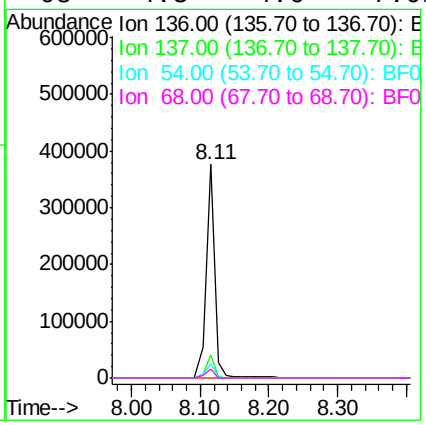


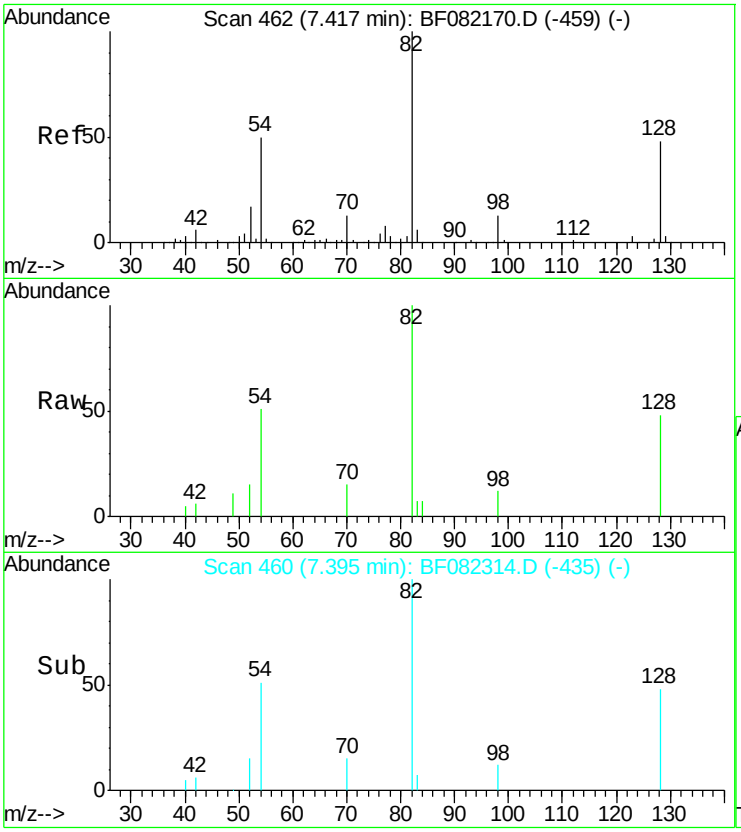


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Tgt Ion:136 Resp: 329472

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.8	7.5	11.3#
68	4.3	4.6	7.0#



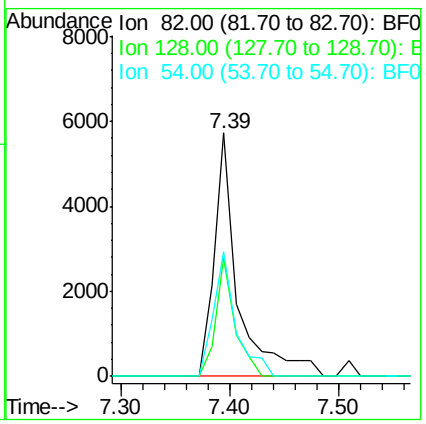


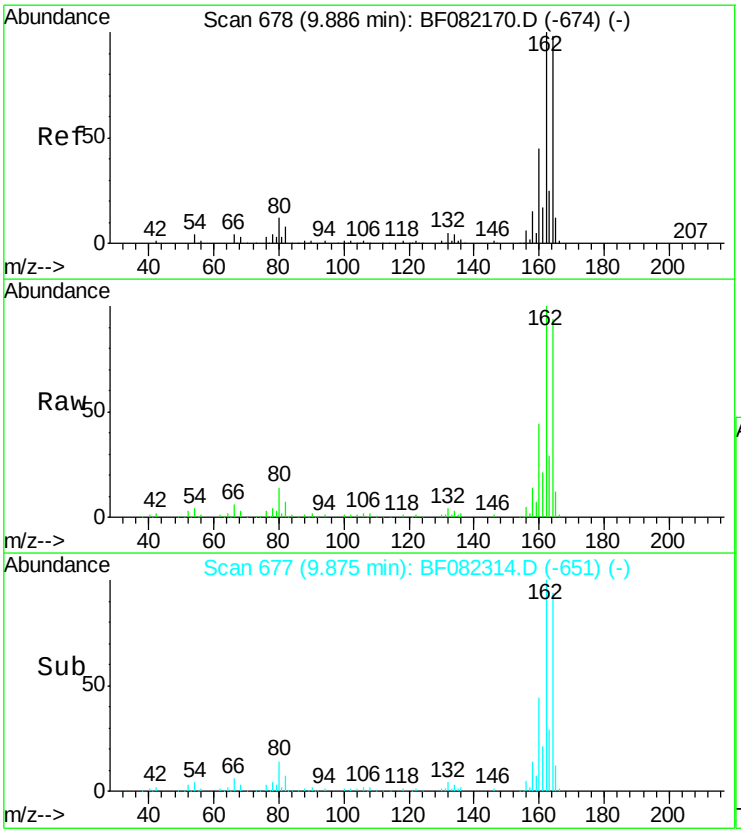
#23
Nitrobenzene-d5
Concen: 1.78 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Instrument :
BNA_F
ClientSampleId :
LW-1

Tgt Ion: 82 Resp: 8741

Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.7	58.1
54	51.1	40.1	60.1

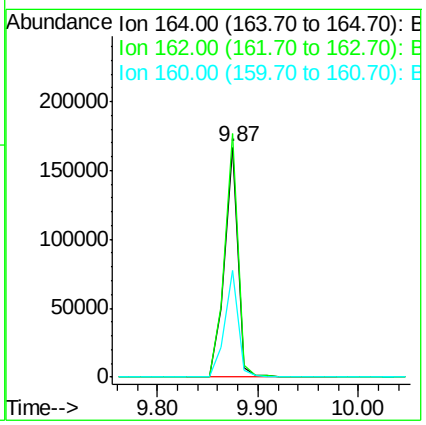


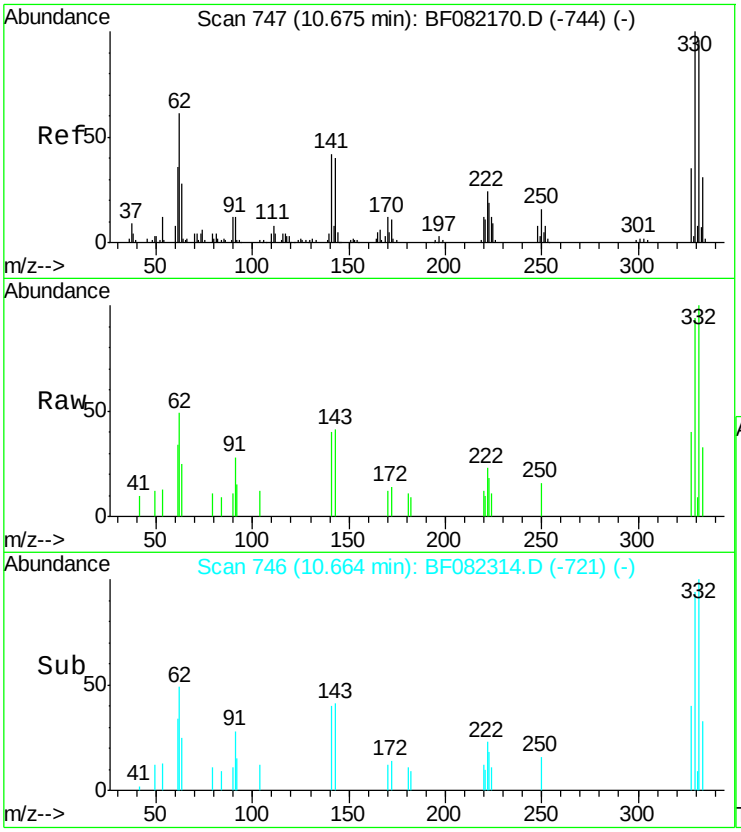


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Tgt Ion:164 Resp: 156349

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.6	122.4
160	46.1	36.4	54.6



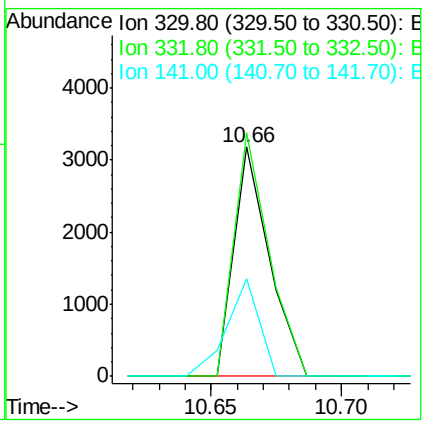


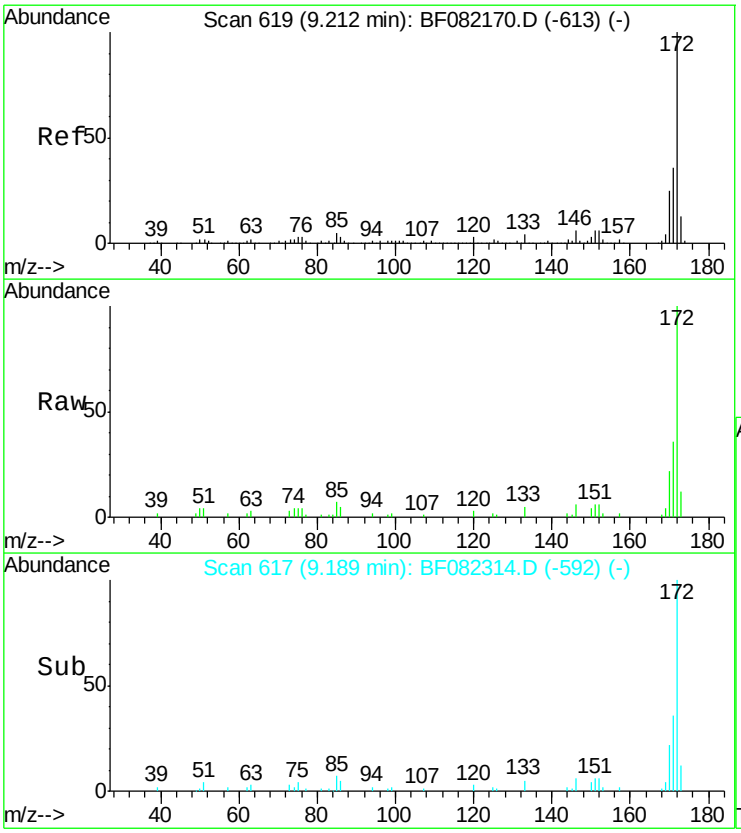
#41
2,4,6-Tribromophenol
Concen: 2.04 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Instrument :
BNA_F
ClientSampleId :
LW-1

Tgt Ion:330 Resp: 2998

Ion	Ratio	Lower	Upper
330	100		
332	105.5	77.1	115.7
141	39.2	29.8	44.8

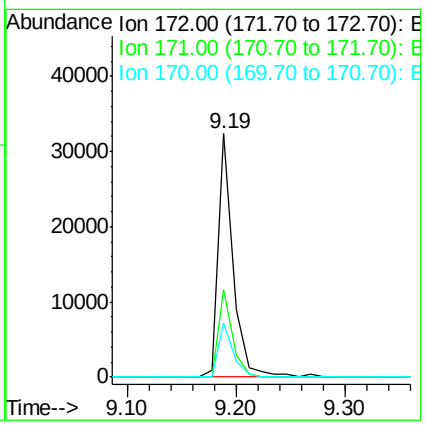


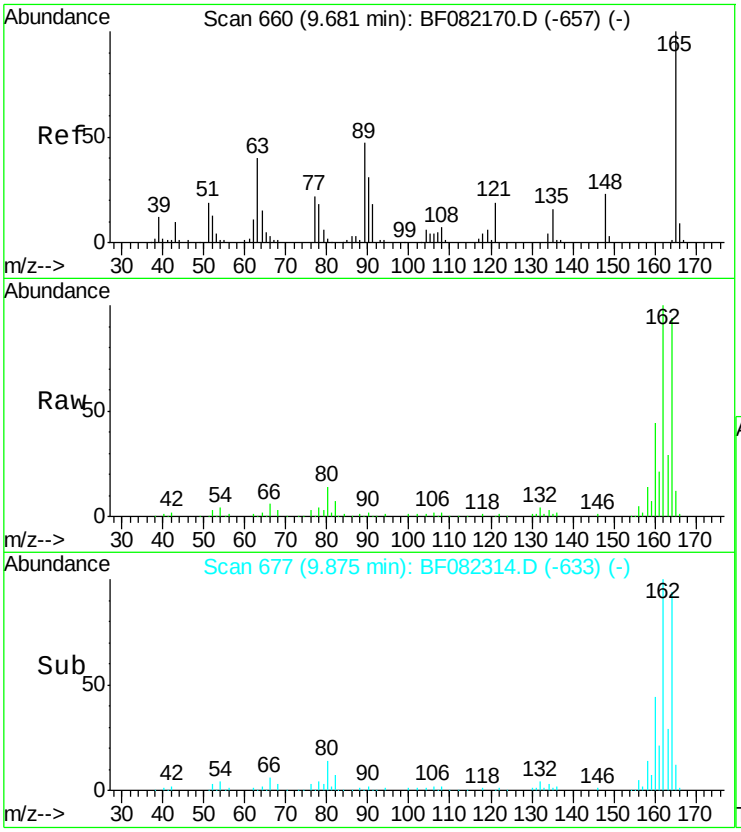


#44
2-Fluorobiphenyl
Concen: 3.29 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Tgt Ion:172 Resp: 31015

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	22.3	19.7	29.5



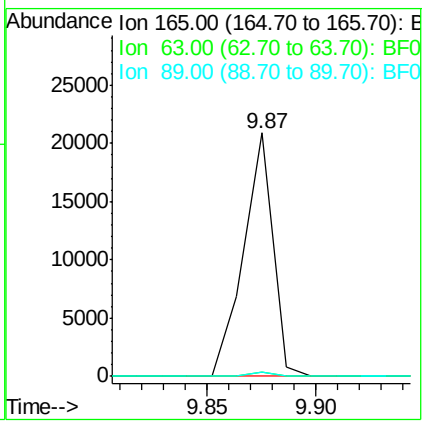


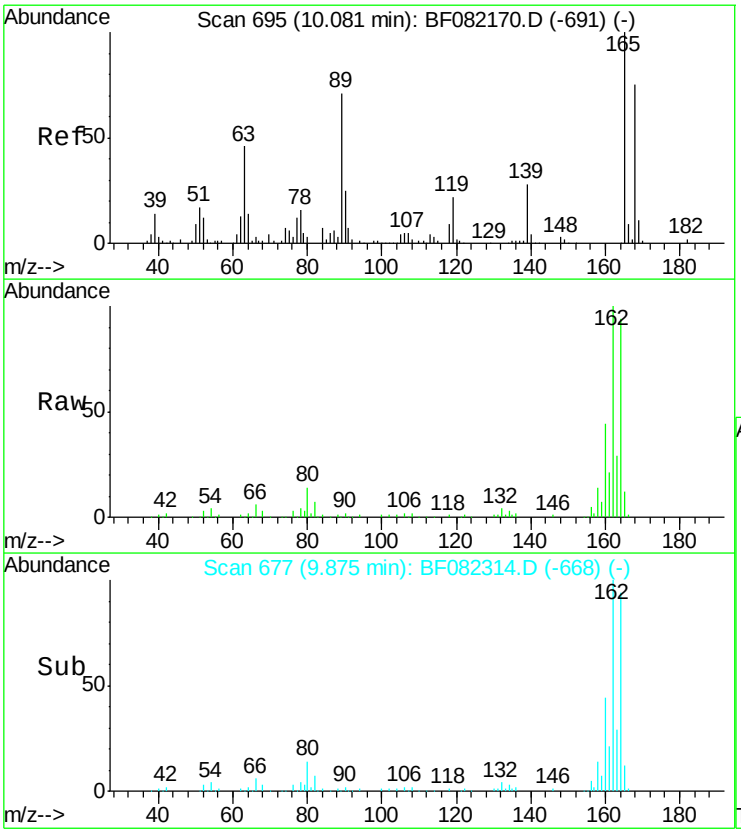
#50
2,6-Dinitrotoluene
Concen: 8.44 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Instrument :
BNA_F
ClientSampleId :
LW-1

Tgt Ion:165 Resp: 19616

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.7	55.1#
89	1.9	37.8	56.6#

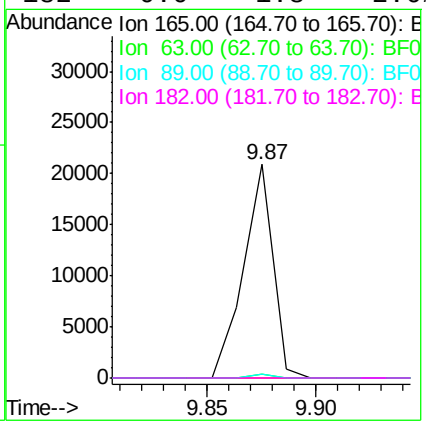


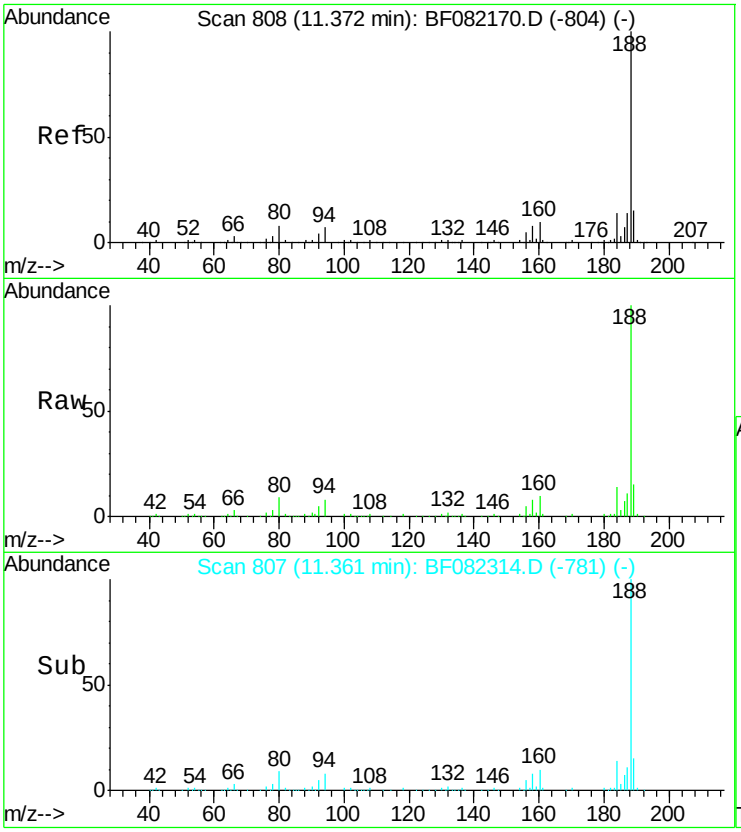


#56
2,4-Dinitrotoluene
Concen: 6.76 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Tgt Ion:165 Resp: 19616

Ion	Ratio	Lower	Upper
165	100		
63	1.7	38.6	58.0#
89	1.9	57.0	85.6#
182	0.0	1.8	2.6#



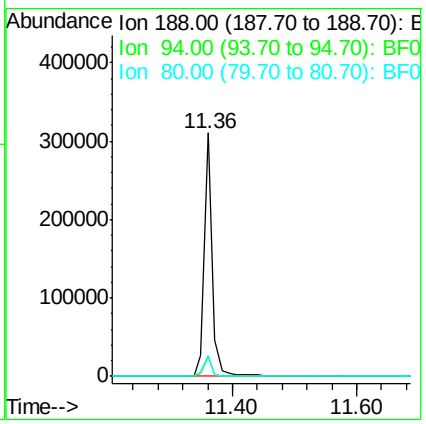


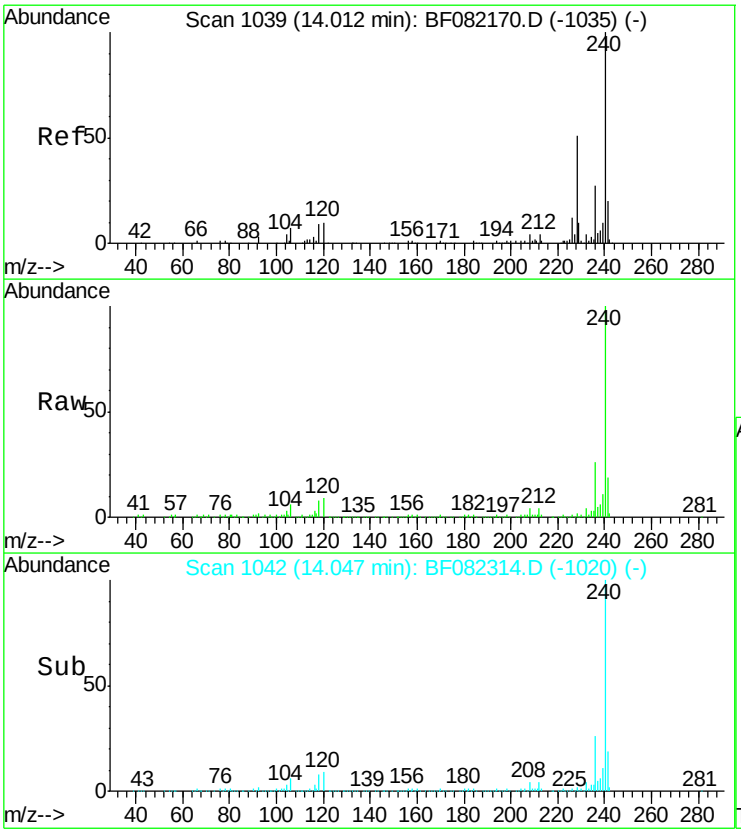
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Instrument :
BNA_F
ClientSampleId :
LW-1

Tgt Ion:188 Resp: 281846

Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.8	8.6
80	8.8	6.4	9.6

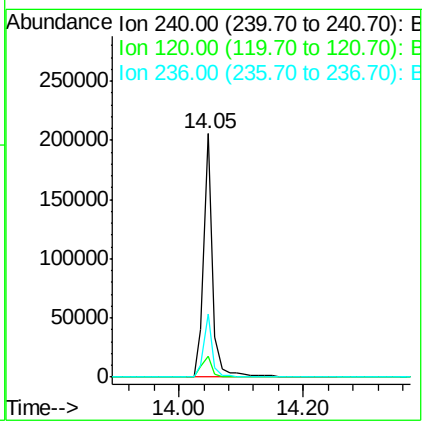


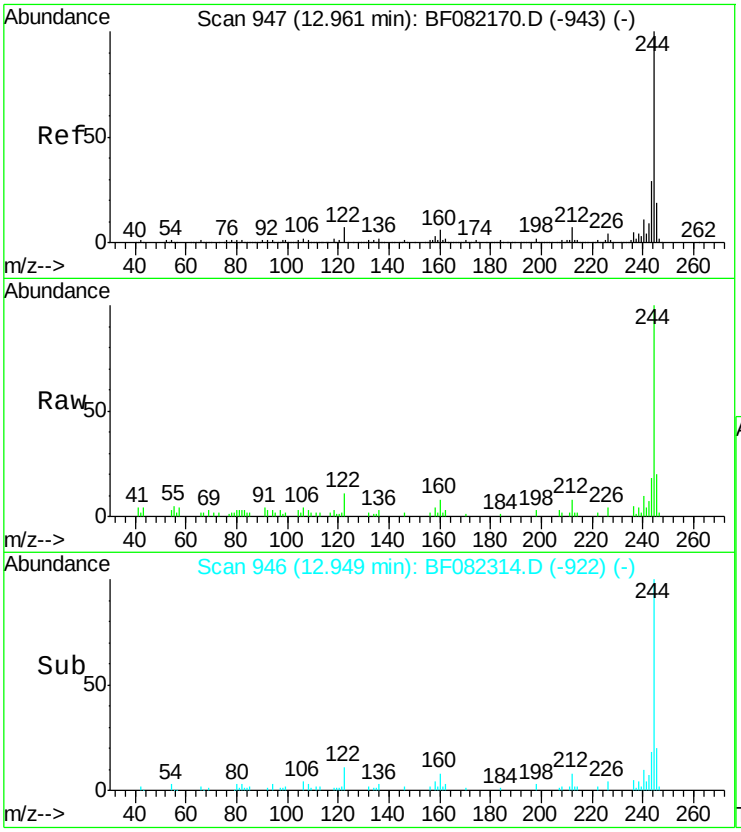


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Tgt Ion:240 Resp: 209603

Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.1	12.1
236	25.8	21.3	31.9



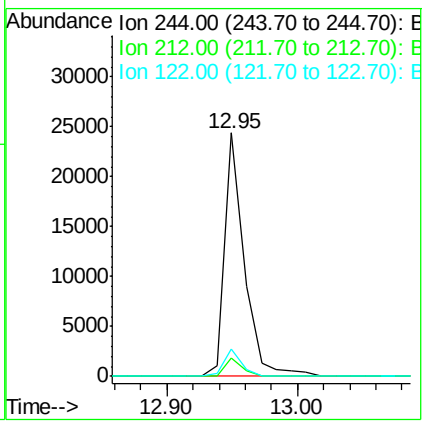


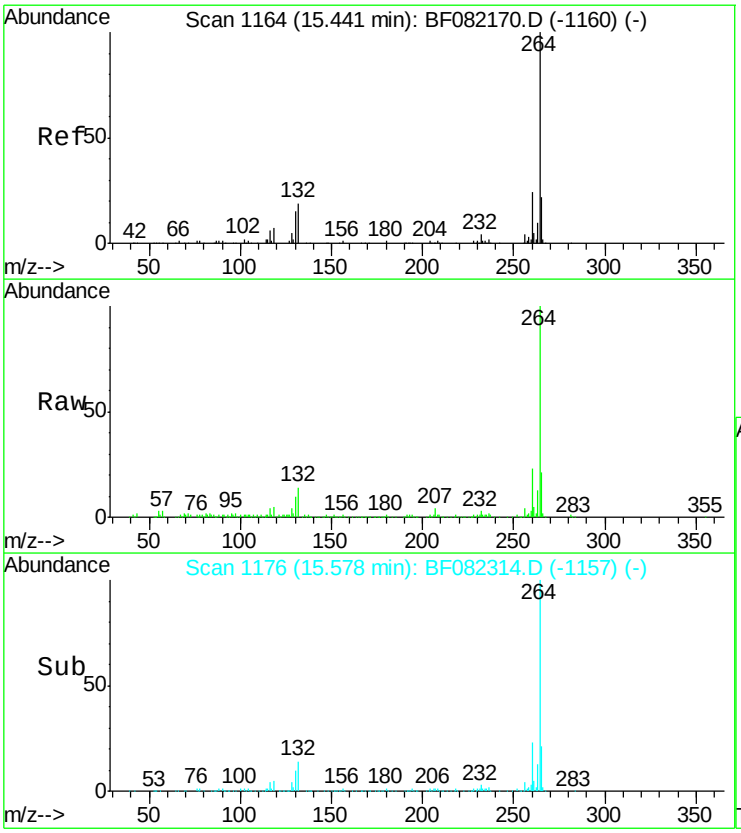
#78
Terphenyl-d14
Concen: 3.24 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Instrument :
BNA_F
ClientSampleId :
LW-1

Tgt Ion:244 Resp: 25629

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	11.0	5.9	8.9#

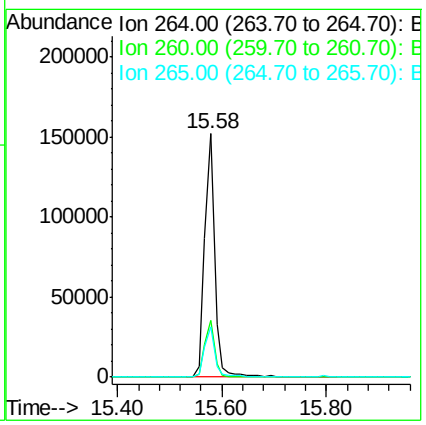


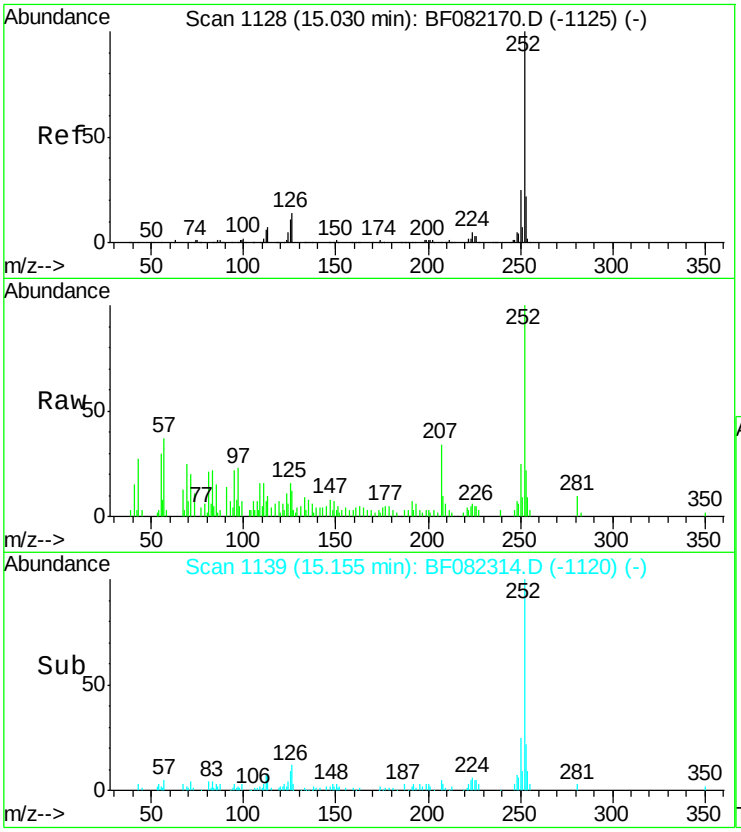


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Tgt Ion:264 Resp: 204809

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	20.8	17.3	25.9



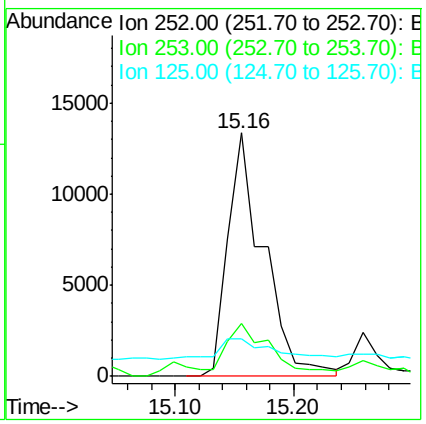


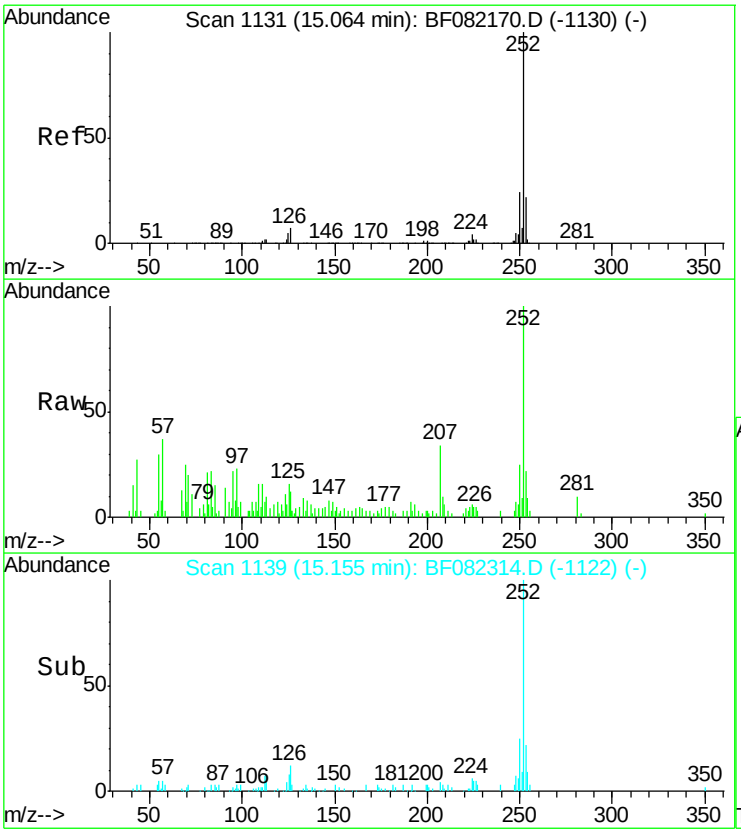
#87
Benzo(b)fluoranthene
Concen: 2.23 ng
RT: 15.16 min Scan# 1139
Delta R.T. -0.08 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Instrument :
BNA_F
ClientSampleId :
LW-1

Tgt Ion:252 Resp: 27789

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	15.5	8.6	12.8#





#88
Benzo(k)fluoranthene
Concen: 2.65 ng
RT: 15.16 min Scan# 1139
Delta R.T. -0.10 min
Lab File: BF082314.D
Acq: 15 Oct 2015 17:34

Tgt Ion:252 Resp: 27789

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	15.5	6.7	10.1#