Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081587.D
Acq On : 11 Sep 2015 16:50
Operator : UM/IZ
Sample : G3593-01DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP(E2PM-MLSP1-SP12)DL

Quant Time: Sep 11 17:33:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:31:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	50767	20.00	ng		-0.01
21) Naphthalene-d8	11.14	136	198357	20.00	ng		-0.02
38) Acenaphthene-d10	15.28	164	85333	20.00	ng		-0.02
63) Phenanthrene-d10	18.79	188	153115	20.00	ng		-0.02
75) Chrysene-d12	23.40	240	91512	20.00	ng		-0.02
86) Perylene-d12	24.84	264	94588	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	183469	56.07	ng		-0.01
7) Phenol-d6	7.66	99	257537	59.46	ng		-0.03
23) Nitrobenzene-d5	9.53	82	166974	40.61	ng		-0.03
41) 2,4,6-Tribromophenol	17.18	330	39675	52.22	ng		-0.03
44) 2-Fluorobiphenyl	13.78	172	243068	36.50	ng		-0.03
78) Terphenyl-d14	22.13	244	139466	35.48	ng		-0.02
Target Compounds							Qvalue
48) Acenaphthylene	14.94	152	28307	2.81	ng		98
49) Dimethylphthalate	14.85	163	64687	9.76	ng	#	97
51) Acenaphthene	15.35	154	15323	2.68	ng	#	84
57) Fluorene	16.58	166	31281	4.93	ng	#	95
70) Phenanthrene	18.85	178	334928	39.35	ng		97
71) Anthracene	18.96	178	82028	9.38	ng		99
73) Di-n-butylphthalate	20.49	149	53020	5.47	ng	#	98
74) Fluoranthene	21.46	202	419460	45.52	ng		86
77) Pyrene	21.81	202	443850	65.48	ng	#	94
80) Benzo(a)anthracene	23.40	228	172099	29.53	ng		97
82) Chrysene	23.43	228	167128	31.99	ng		92
85) Indeno(1,2,3-cd)pyrene	25.90	276	81033	21.14	ng	#	77
87) Benzo(b)fluoranthene	24.50	252	164393m	24.34	ng		
88) Benzo(k)fluoranthene	24.50	252	76647m	13.68	ng		
89) Benzo(a)pyrene	24.79	252	153165	26.77	ng	#	84
90) Dibenzo(a,h)anthracene	25.90	278	23279	5.26	ng	#	75
91) Benzo(g,h,i)perylene	26.20	276	76833	18.21	ng	#	74

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
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Acq On : 11 Sep 2015 16:50
Operator : UM/IZ
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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BNA_F
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COMP(E2PM-MLSP1-SP12)DL

Quant Time: Sep 11 17:33:34 2015
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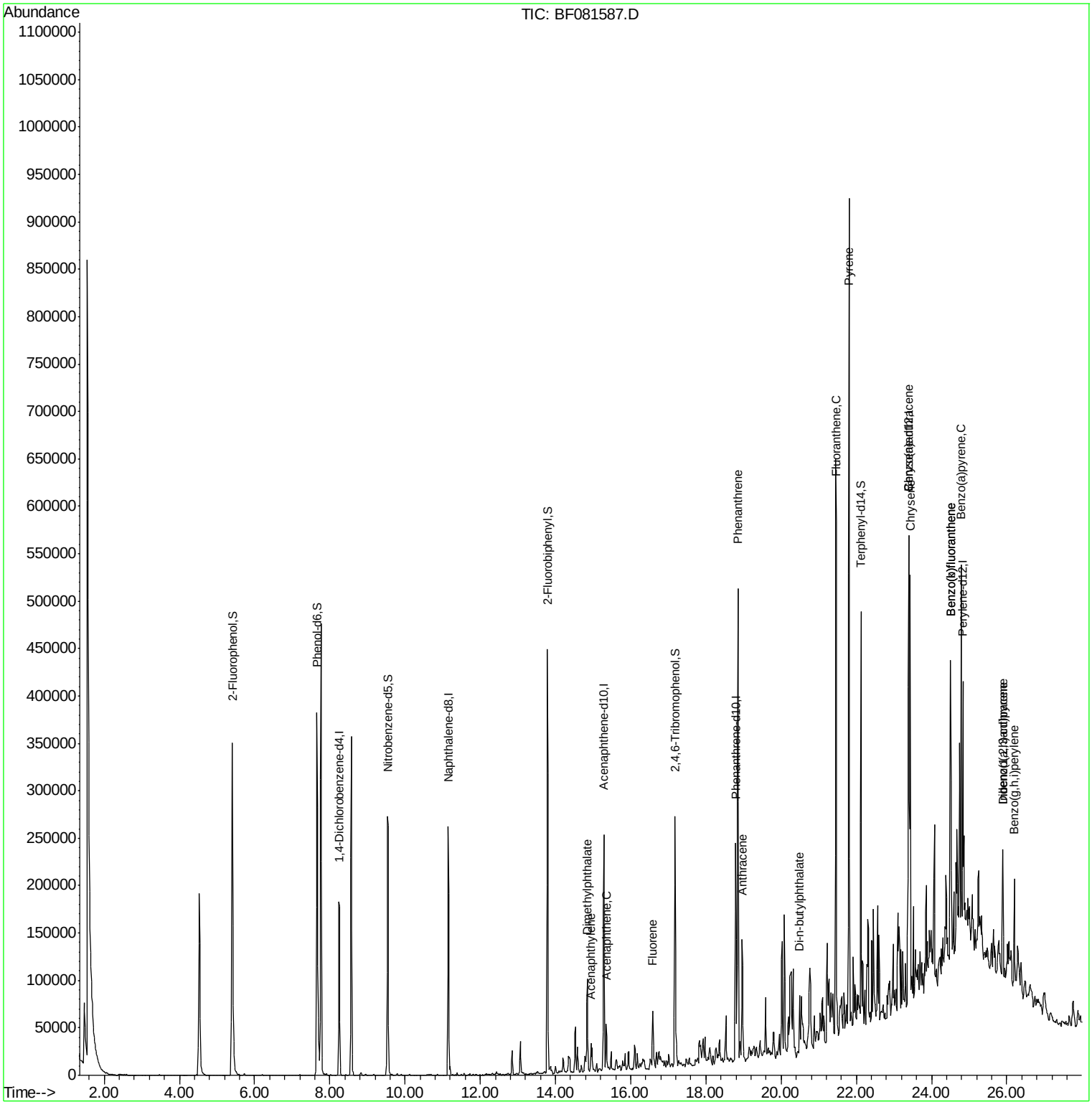
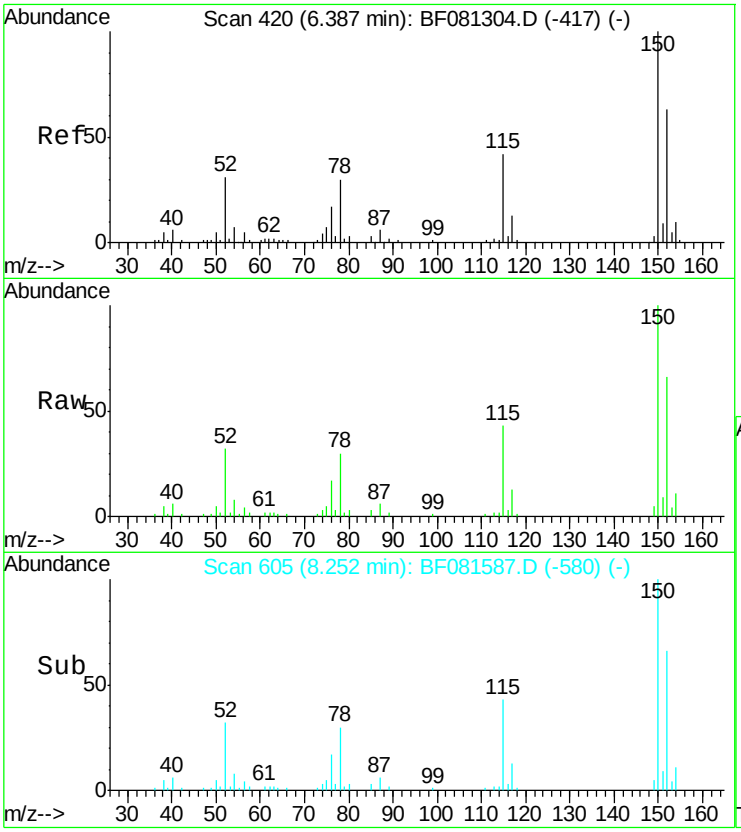


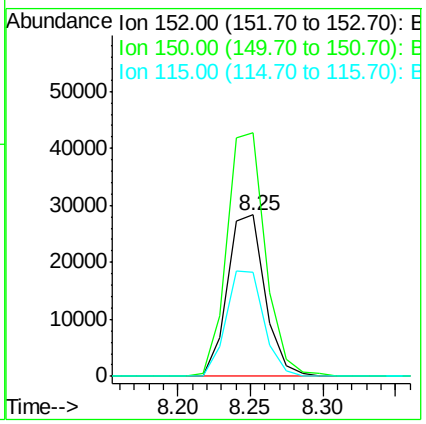


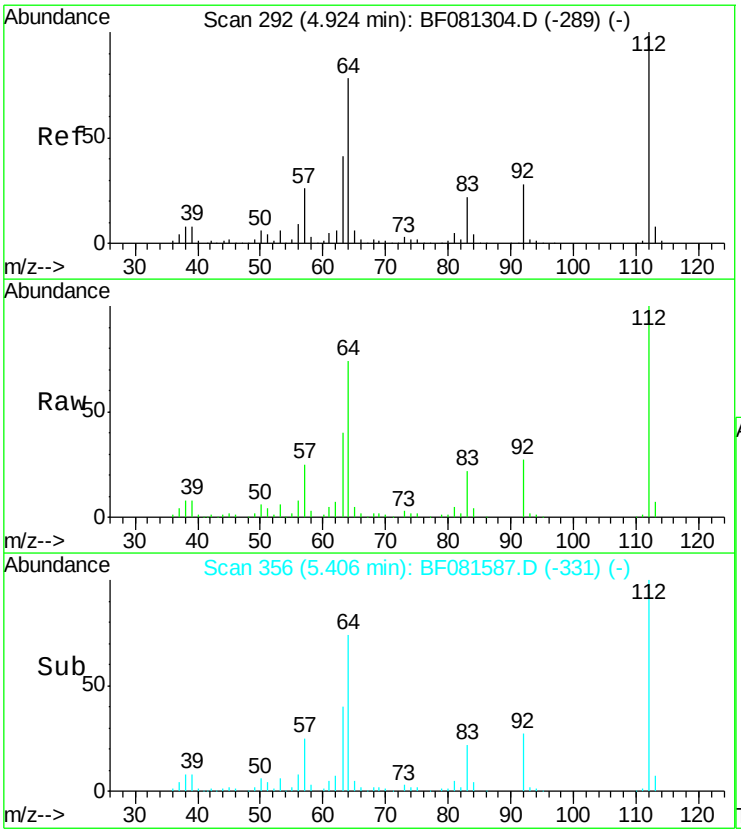
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:152 Resp: 50767

Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.7	187.1
115	64.7	39.0	58.4#

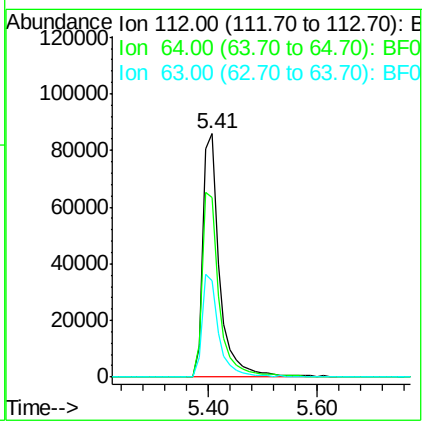


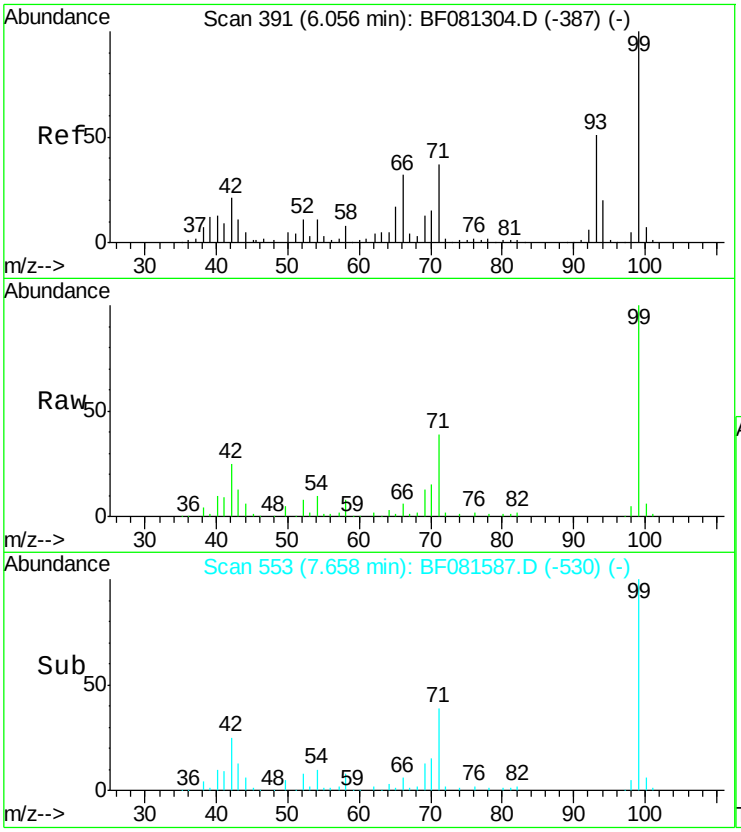


#5
2-Fluorophenol
Concen: 56.07 ng
RT: 5.41 min Scan# 356
Delta R.T. -0.01 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:112 Resp: 183469

Ion	Ratio	Lower	Upper
112	100		
64	73.8	39.7	59.5#
63	39.6	17.4	26.0#



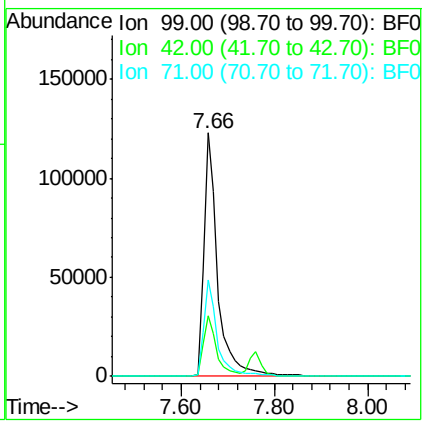


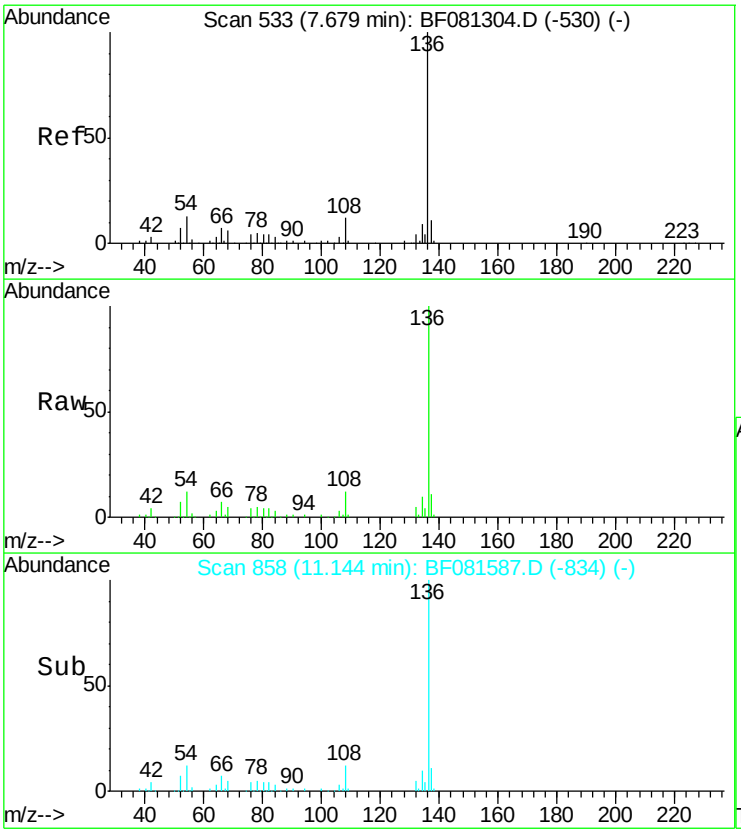
#7
Phenol-d6
Concen: 59.46 ng
RT: 7.66 min Scan# 553
Delta R.T. -0.03 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion: 99 Resp: 257537

Ion	Ratio	Lower	Upper
99	100		
42	24.8	13.7	20.5#
71	39.5	14.2	21.2#

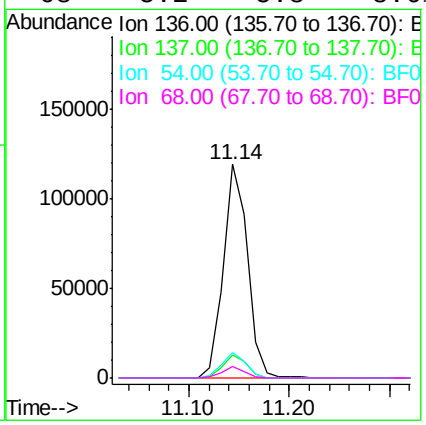


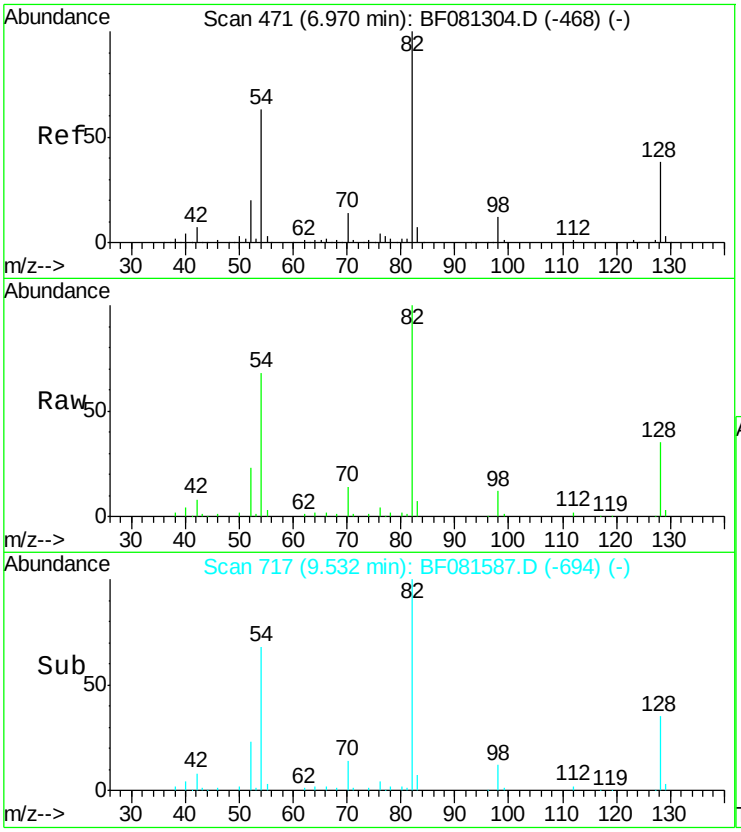


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.14 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:136 Resp: 198357

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	12.1	8.2	12.2
68	5.2	5.8	8.6#



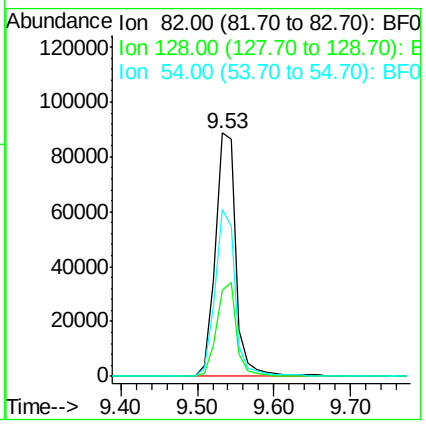


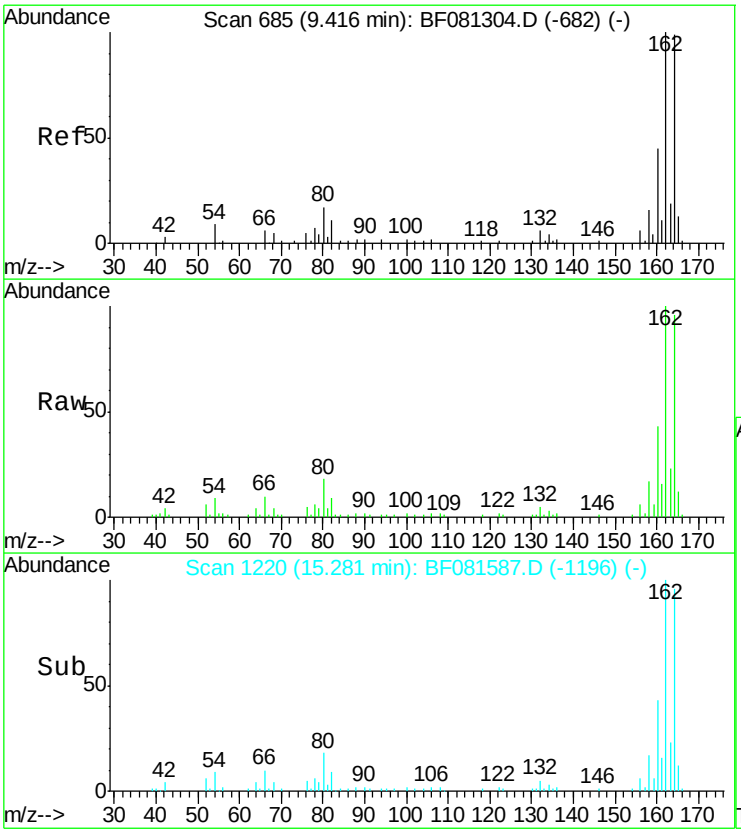
#23
Nitrobenzene-d5
Concen: 40.61 ng
RT: 9.53 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion: 82 Resp: 166974

Ion	Ratio	Lower	Upper
82	100		
128	35.3	51.0	76.6#
54	68.4	47.5	71.3

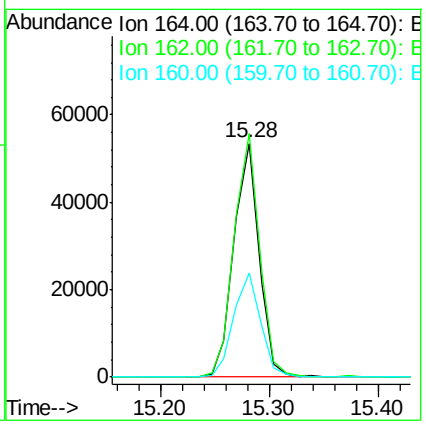


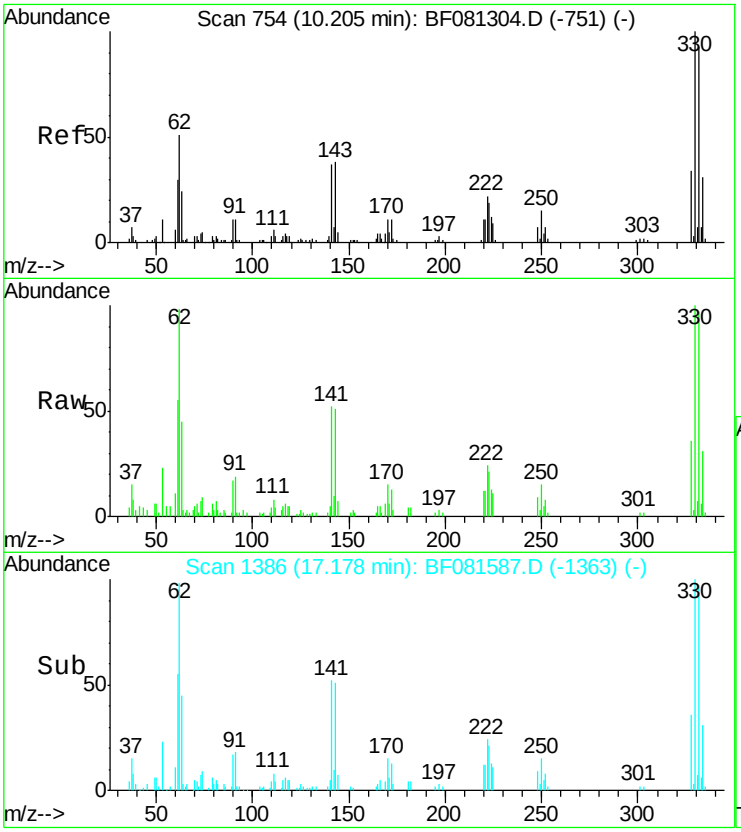


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.28 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:164 Resp: 85333

Ion	Ratio	Lower	Upper
164	100		
162	104.2	75.2	112.8
160	44.6	31.5	47.3



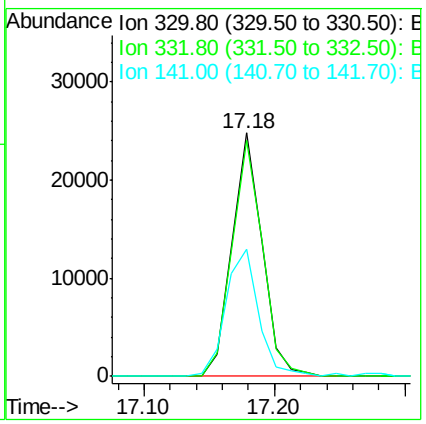


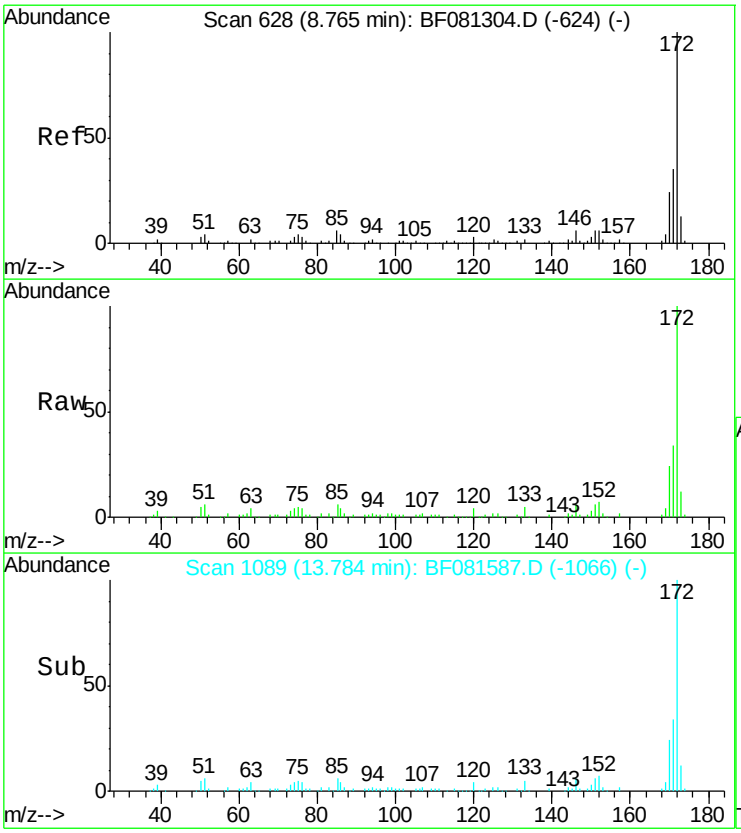
#41
2,4,6-Tribromophenol
Concen: 52.22 ng
RT: 17.18 min Scan# 1386
Delta R.T. -0.03 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:330 Resp: 39675

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	114.8
141	57.0	29.7	44.5#

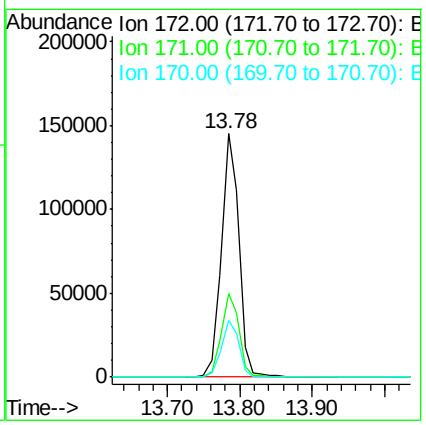


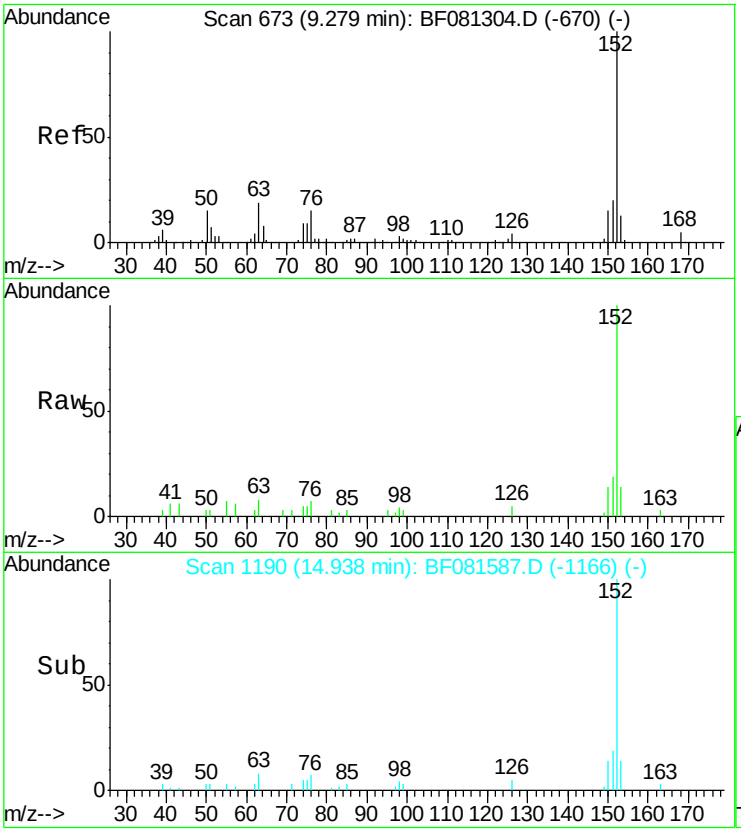


#44
2-Fluorobiphenyl
Concen: 36.50 ng
RT: 13.78 min Scan# 1089
Delta R.T. -0.03 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:172 Resp: 243068

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.1	39.1
170	23.6	17.4	26.2



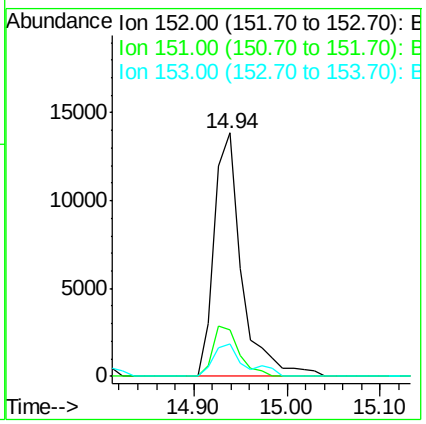


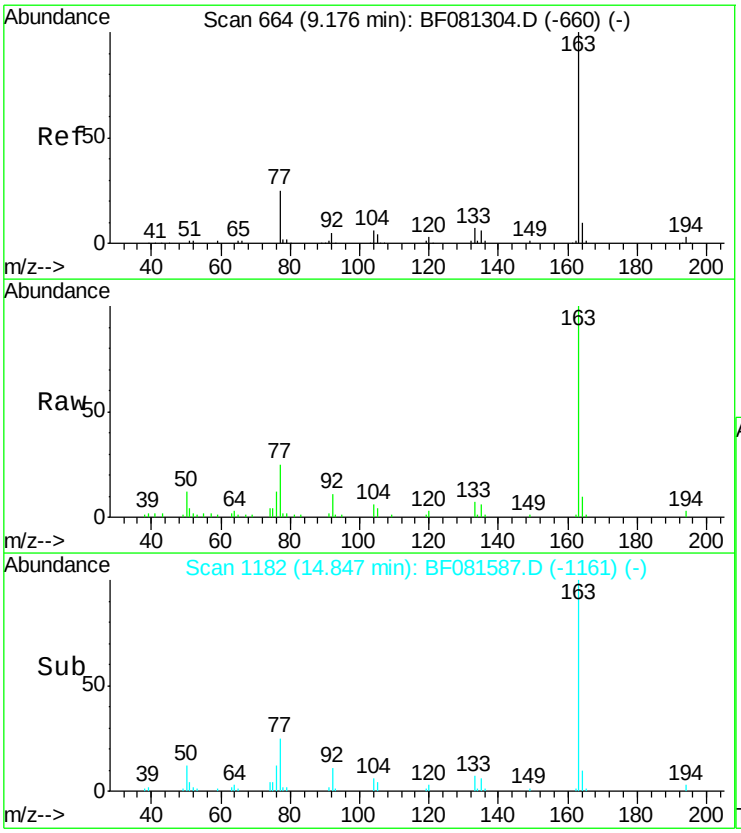
#48
Acenaphthylene
Concen: 2.81 ng
RT: 14.94 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:152 Resp: 28307

Ion	Ratio	Lower	Upper
152	100		
151	19.1	14.6	22.0
153	13.6	10.3	15.5

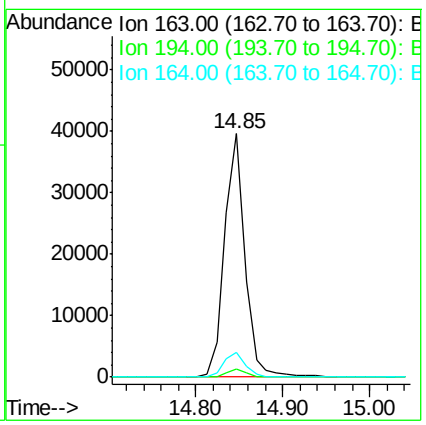


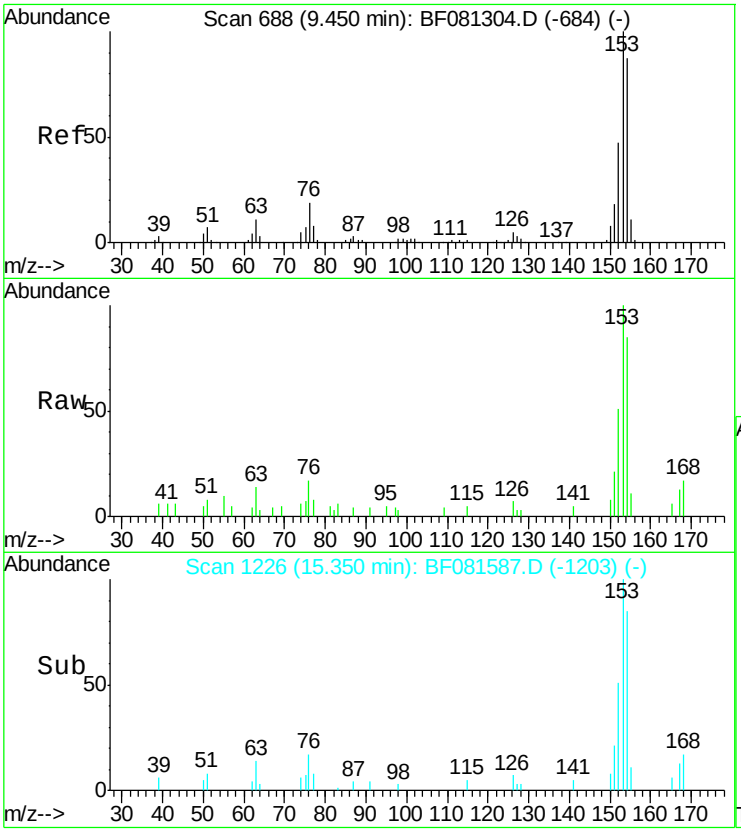


#49
Dimethylphthalate
Concen: 9.76 ng
RT: 14.85 min Scan# 1182
Delta R.T. -0.06 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:163 Resp: 64687

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	10.1	8.3	12.5



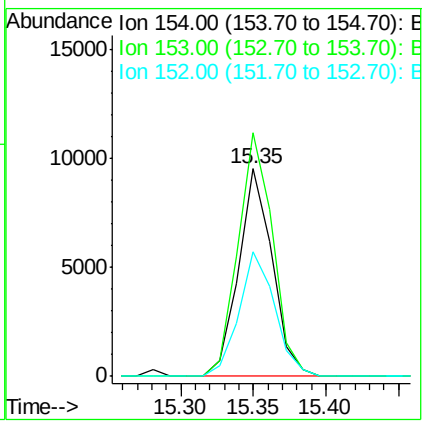


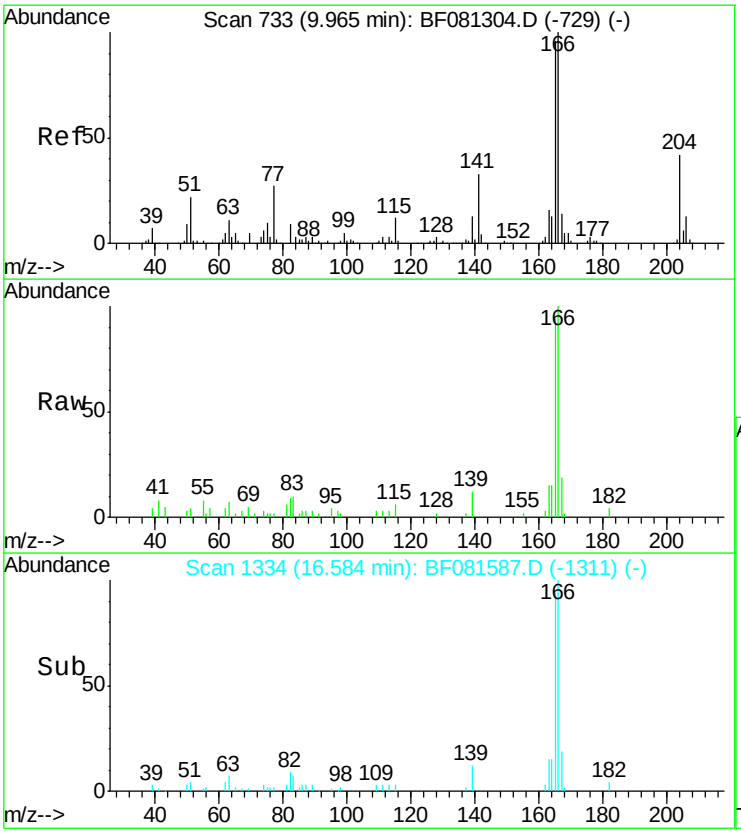
#51
Acenaphthene
Concen: 2.68 ng
RT: 15.35 min Scan# 1226
Delta R.T. -0.03 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:154 Resp: 15323

Ion	Ratio	Lower	Upper
154	100		
153	117.4	82.1	123.1
152	59.7	37.9	56.9#

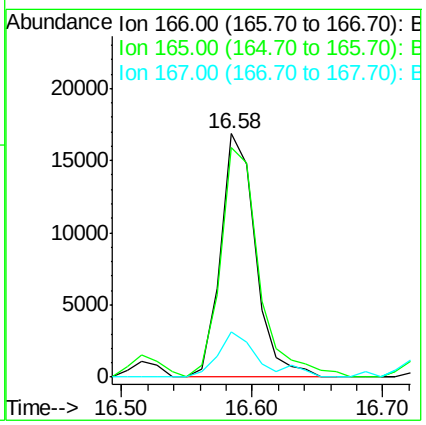


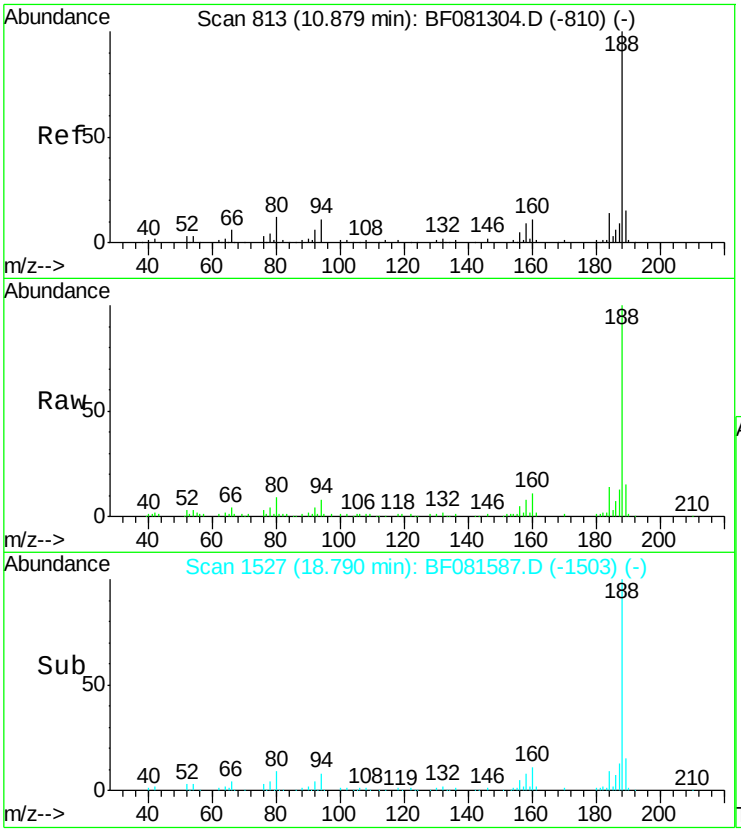


#57
Fluorene
Concen: 4.93 ng
RT: 16.58 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:166 Resp: 31281

Ion	Ratio	Lower	Upper
166	100		
165	94.3	72.6	109.0
167	18.8	10.6	16.0#



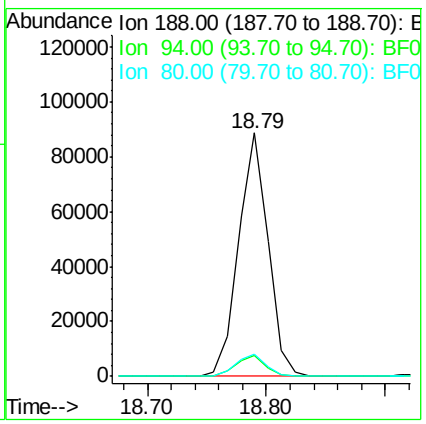


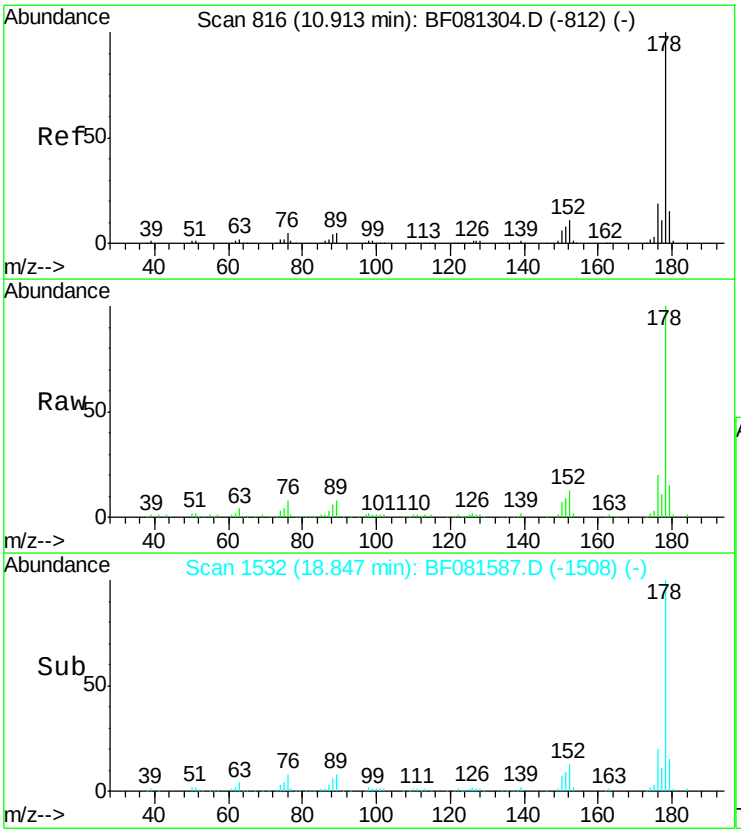
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.79 min Scan# 1527
Delta R.T. -0.02 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:188 Resp: 153115

Ion	Ratio	Lower	Upper
188	100		
94	8.3	11.1	16.7#
80	9.0	11.0	16.4#

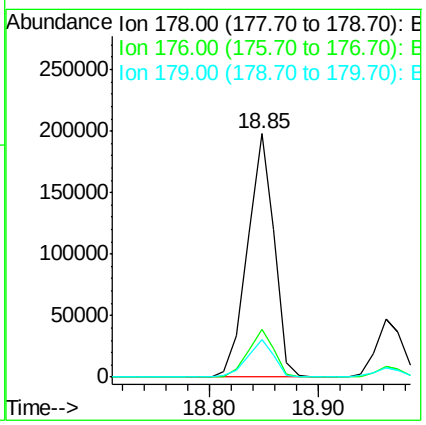


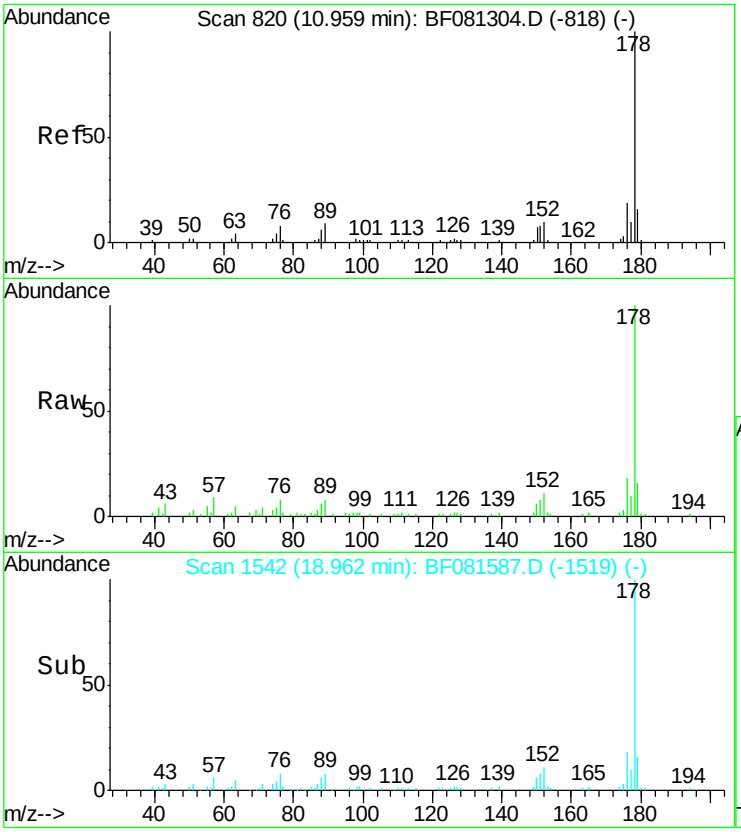


#70
Phenanthrene
Concen: 39.35 ng
RT: 18.85 min Scan# 1532
Delta R.T. -0.02 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:178 Resp: 334928

Ion	Ratio	Lower	Upper
178	100		
176	19.6	13.8	20.8
179	15.5	12.2	18.2



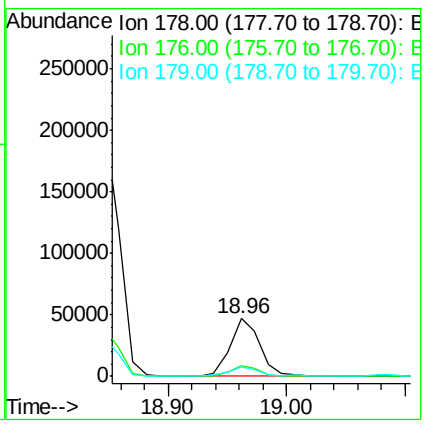


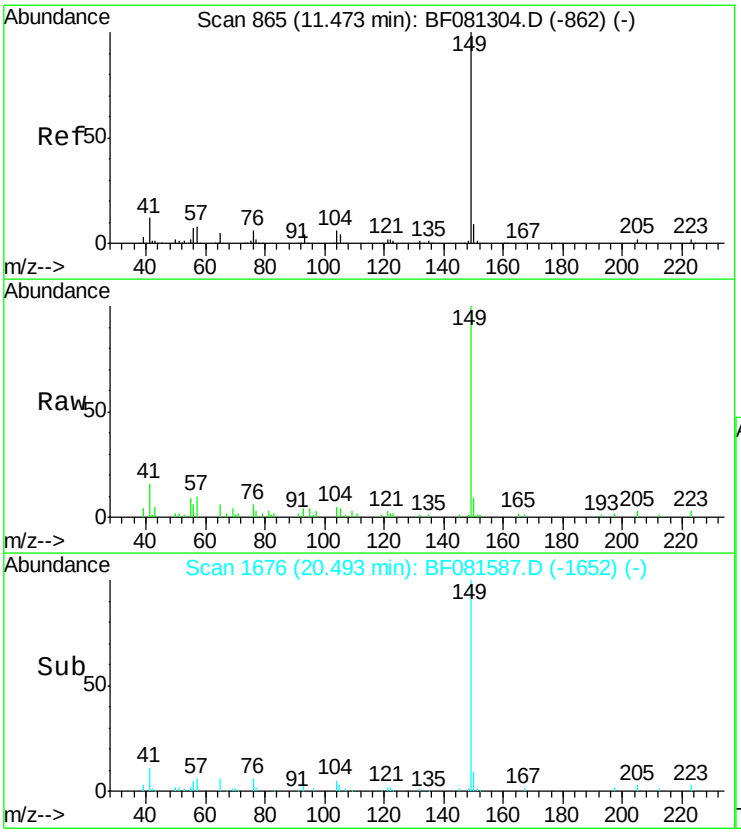
#71
Anthracene
Concen: 9.38 ng
RT: 18.96 min Scan# 1542
Delta R.T. -0.03 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:178 Resp: 82028

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.1	21.1
179	16.2	12.2	18.2

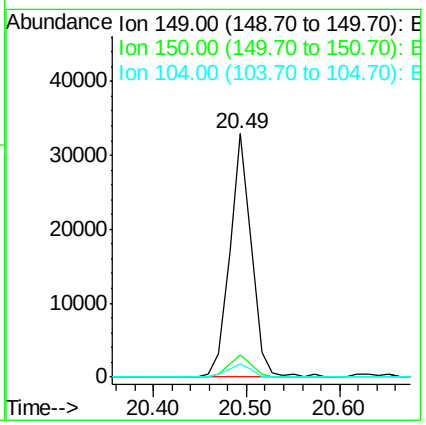


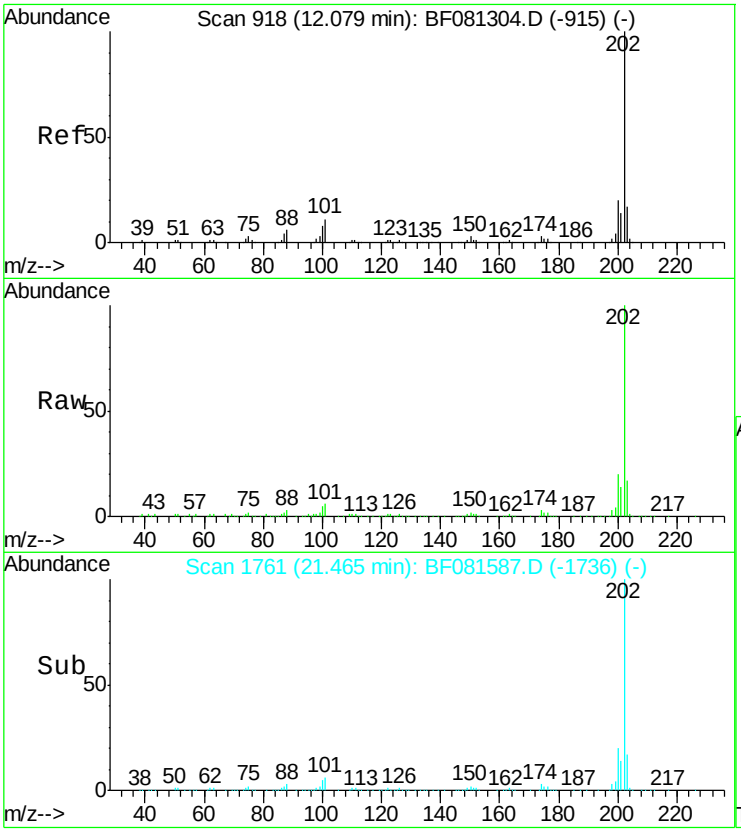


#73
Di-n-butylphthalate
Concen: 5.47 ng
RT: 20.49 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:149 Resp: 53020

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.5	2.4	3.6#



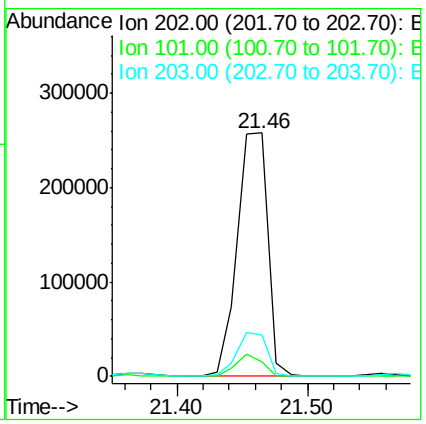


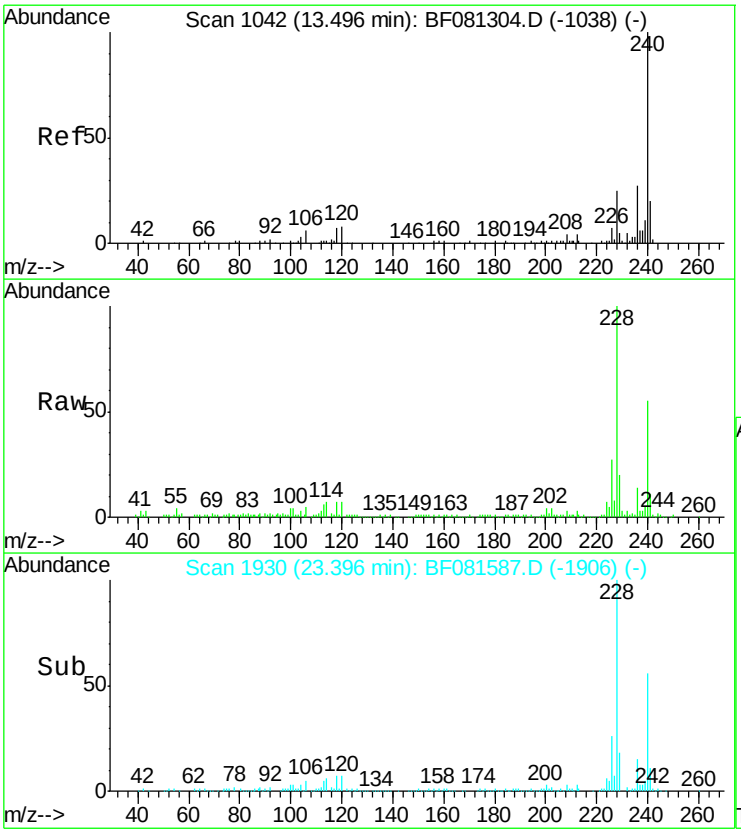
#74
Fluoranthene
Concen: 45.52 ng
RT: 21.46 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:202 Resp: 419460

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	38.3
203	17.1	0.0	37.3

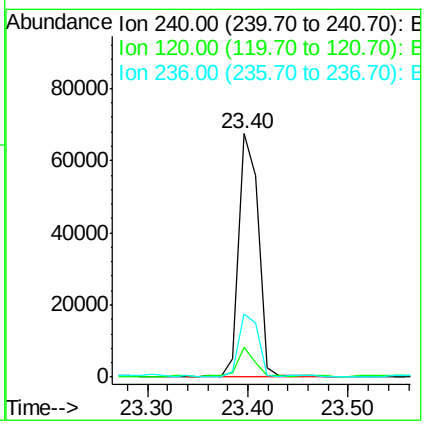


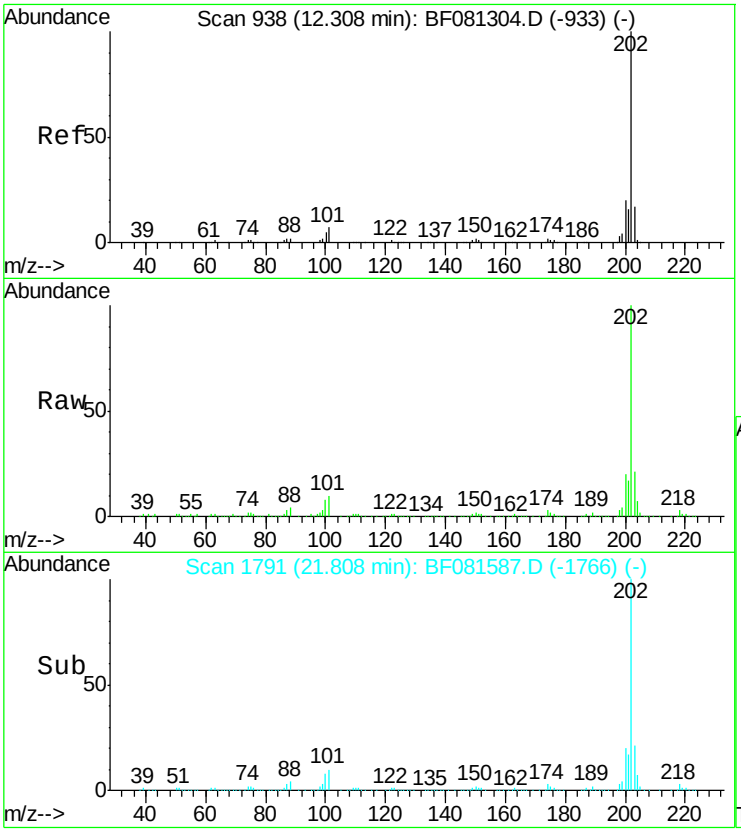


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.40 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:240 Resp: 91512

Ion	Ratio	Lower	Upper
240	100		
120	12.3	16.2	24.2#
236	25.9	18.4	27.6



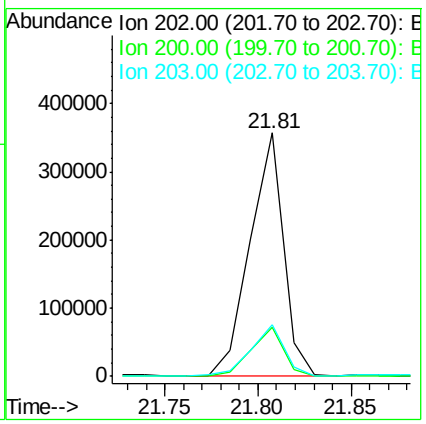


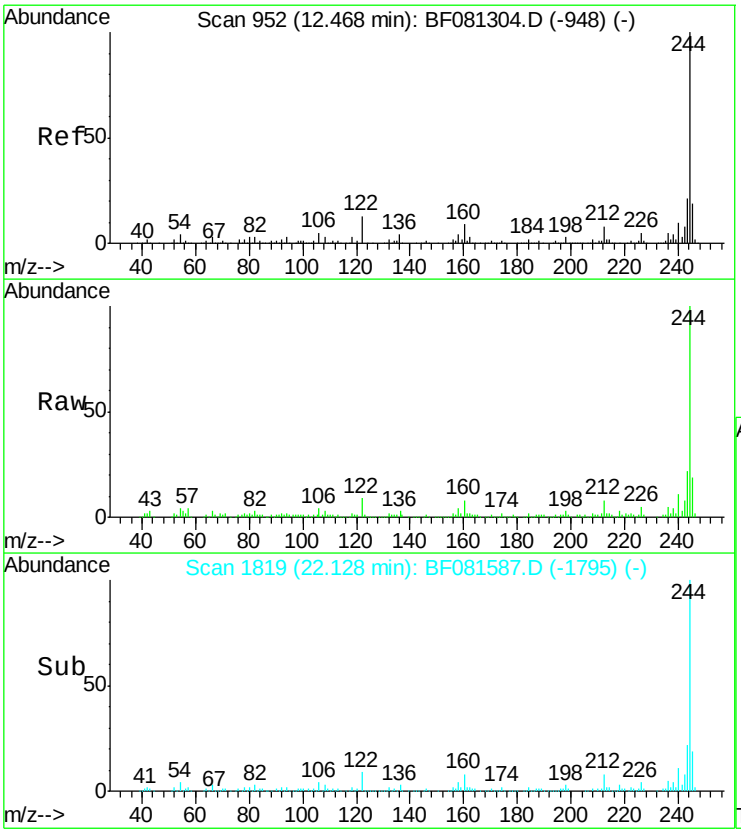
#77
Pyrene
Concen: 65.48 ng
RT: 21.81 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:202 Resp: 443850

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.0	22.4
203	21.4	14.1	21.1#

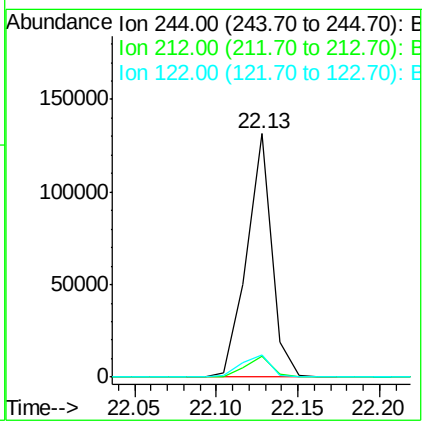


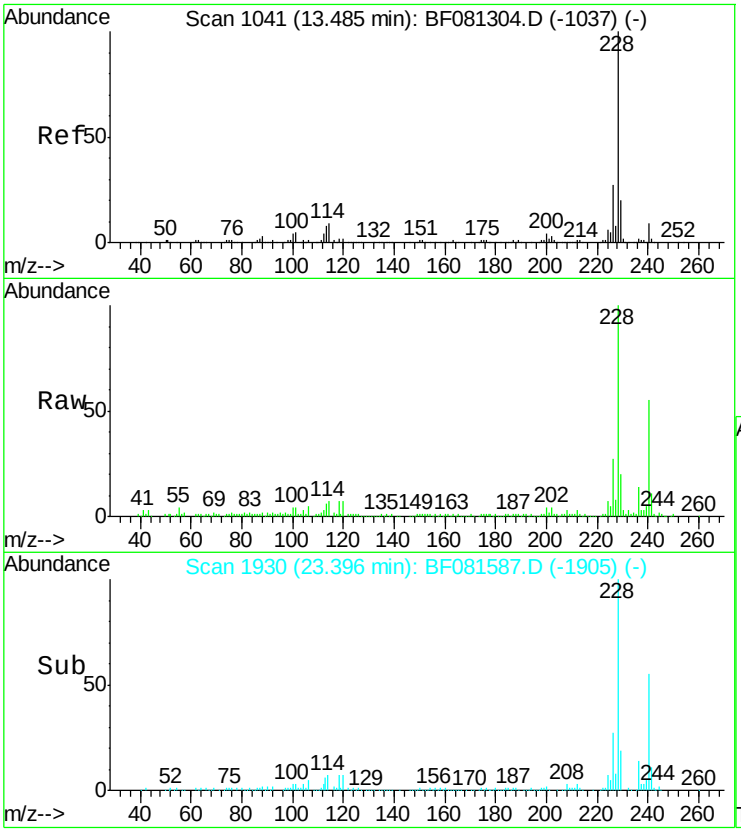


#78
Terphenyl-d14
Concen: 35.48 ng
RT: 22.13 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:244 Resp: 139466

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.3	6.5#
122	9.2	17.4	26.2#



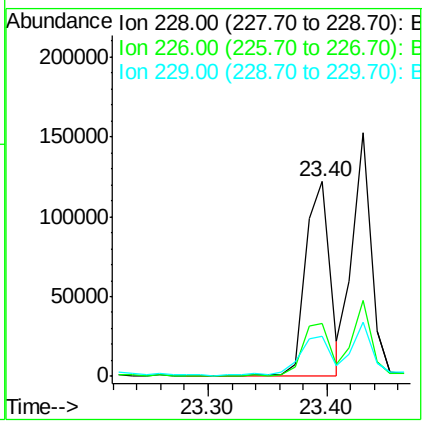


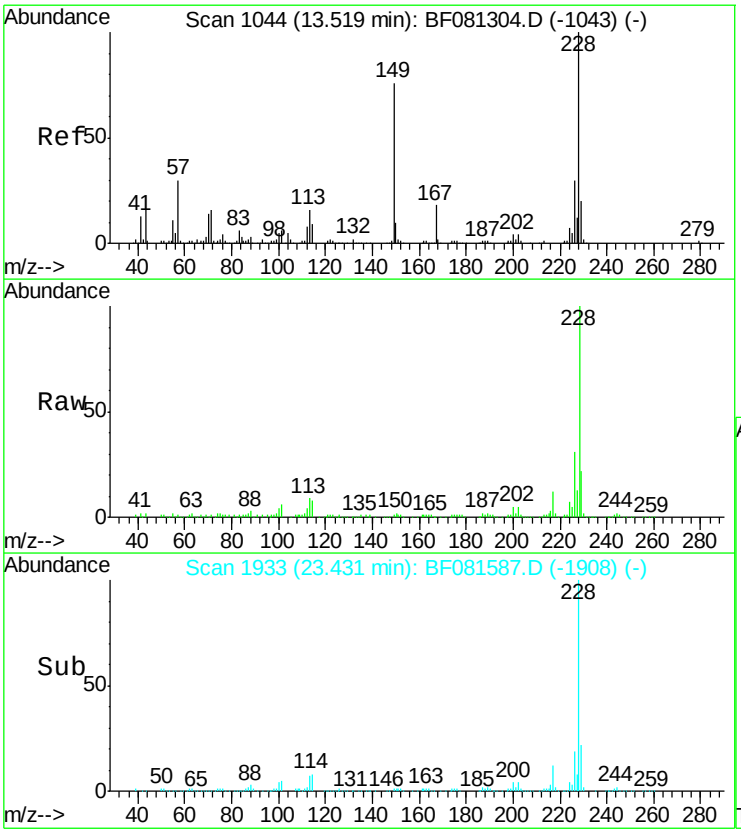
#80
Benzo(a)anthracene
Concen: 29.53 ng
RT: 23.40 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:228 Resp: 172099

Ion	Ratio	Lower	Upper
228	100		
226	27.0	20.0	30.0
229	20.4	15.4	23.2

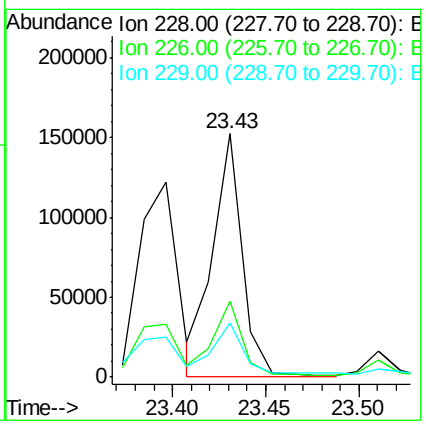


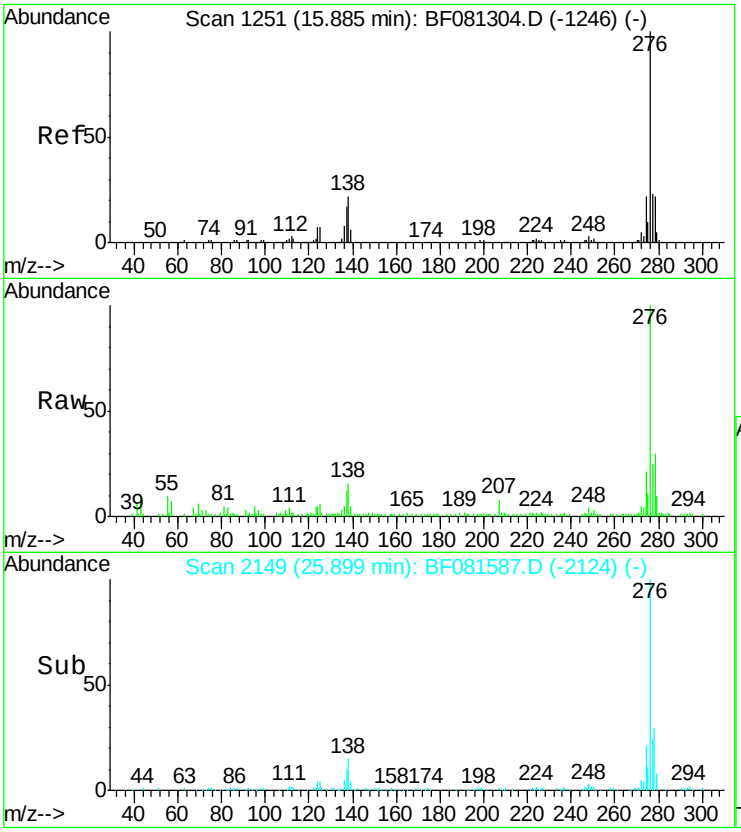


#82
Chrysene
Concen: 31.99 ng
RT: 23.43 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:228 Resp: 167128

Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.0	31.4
229	22.0	15.6	23.4



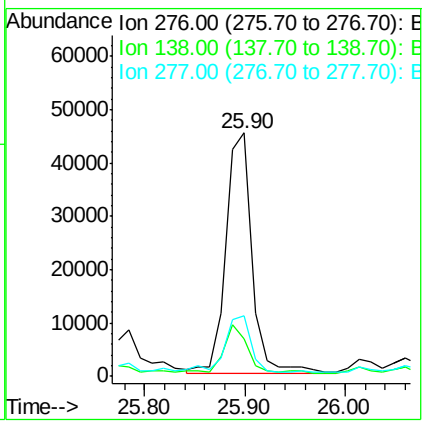


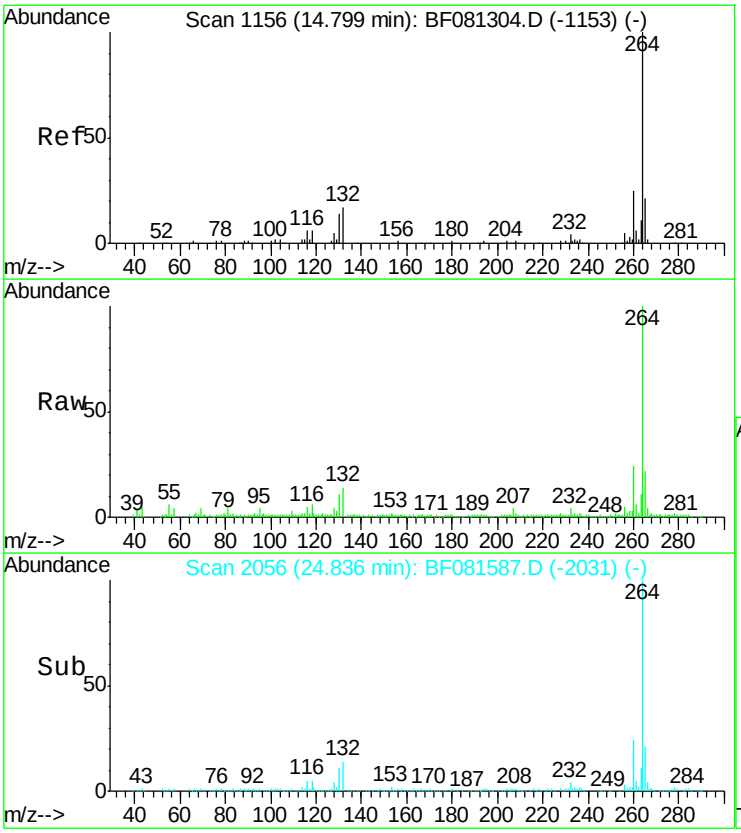
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.14 ng
RT: 25.90 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:276 Resp: 81033

Ion	Ratio	Lower	Upper
276	100		
138	17.3	25.7	38.5#
277	27.6	15.6	23.4#

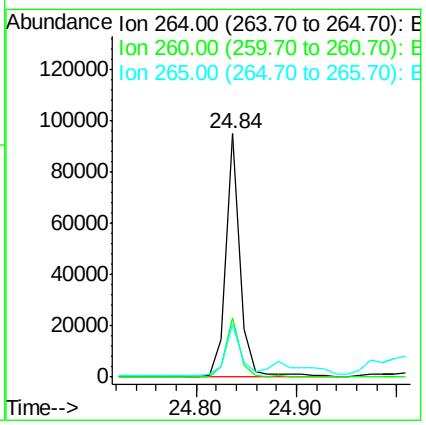


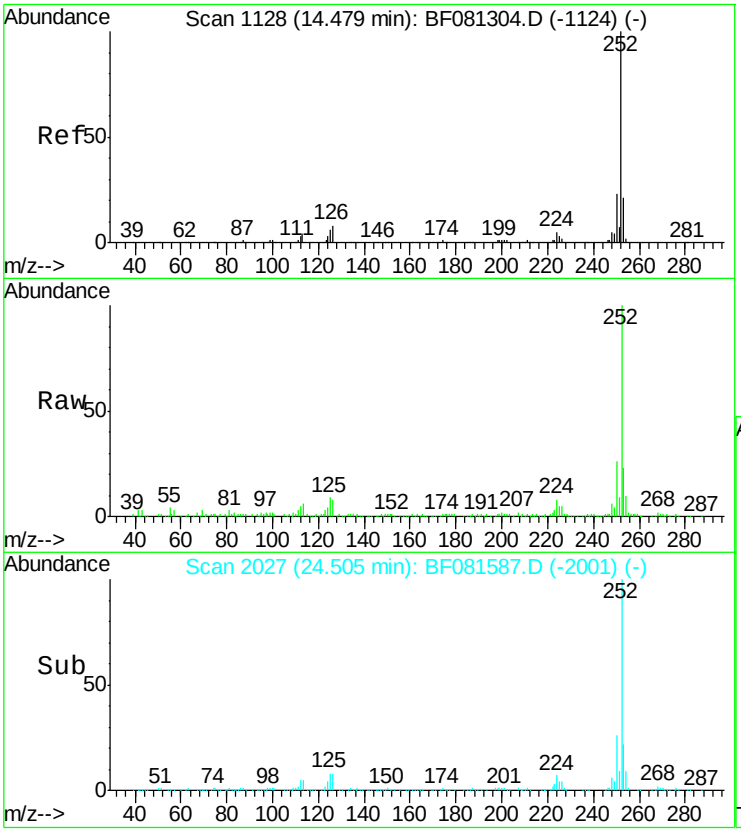


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:264 Resp: 94588

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.8	17.2	25.8



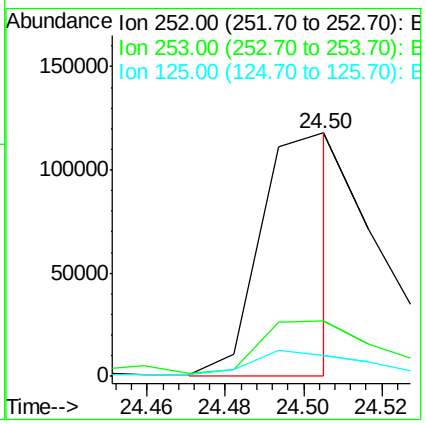


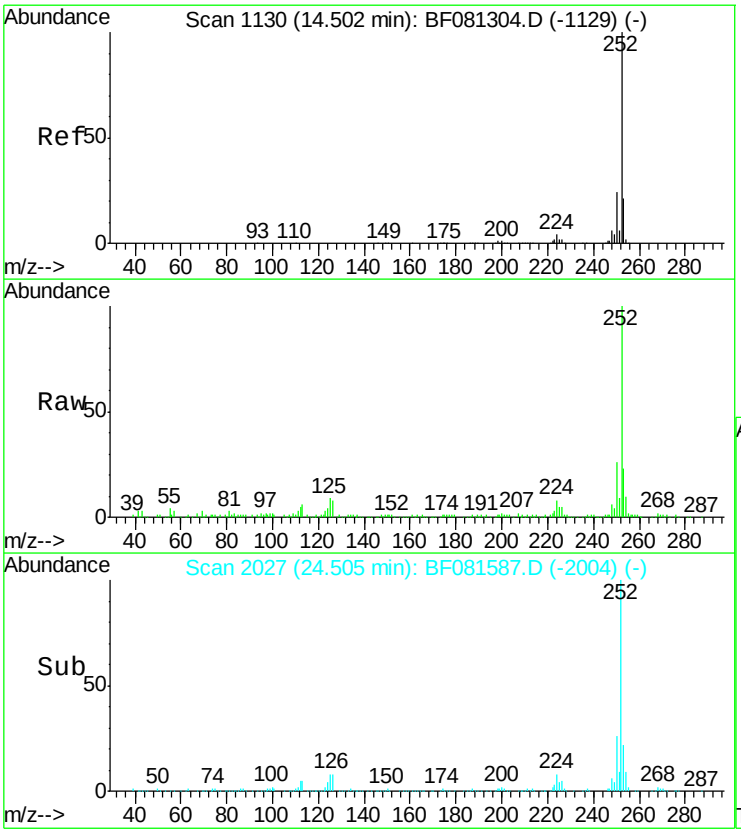
#87
Benzo(b)fluoranthene
Concen: 24.34 ng m
RT: 24.50 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:252 Resp: 164393

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	8.6	17.1	25.7#

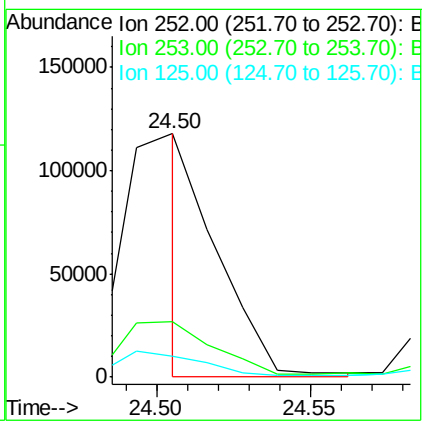


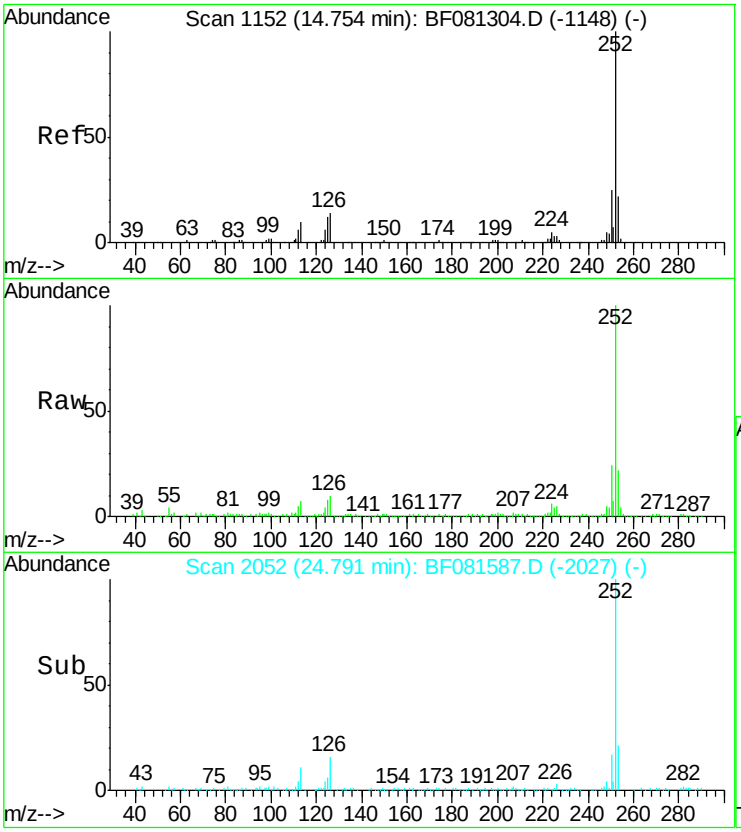


#88
Benzo(k)fluoranthene
Concen: 13.68 ng m
RT: 24.50 min Scan# 2027
Delta R.T. -0.03 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:252 Resp: 76647

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	8.6	16.0	24.0#



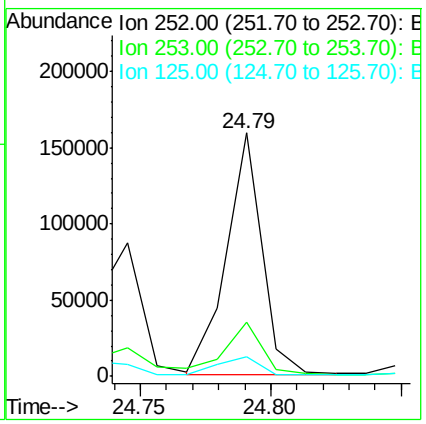


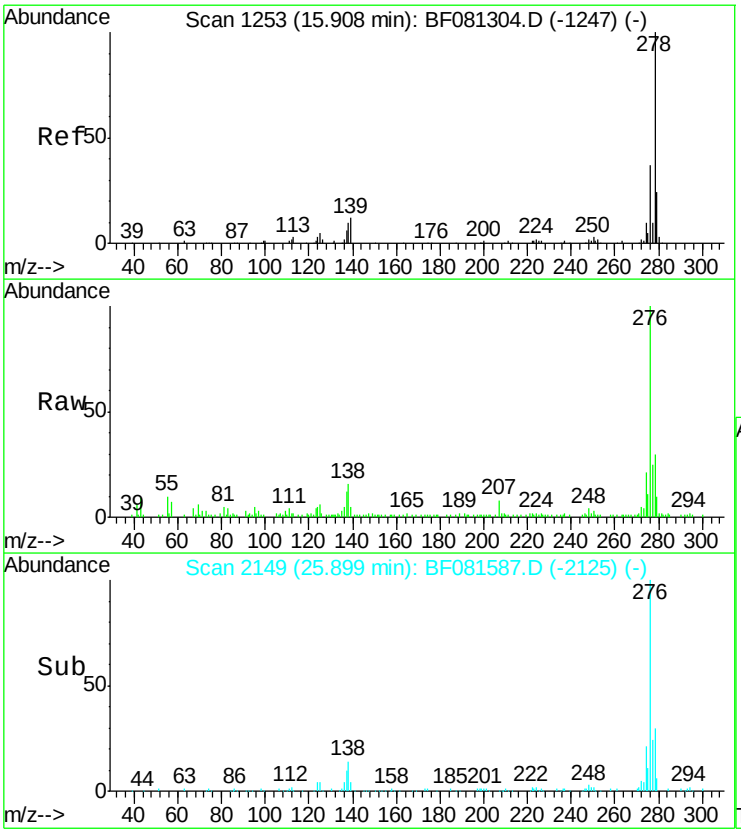
#89
Benzo(a)pyrene
Concen: 26.77 ng
RT: 24.79 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:252 Resp: 153165

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	8.0	18.0	27.0#

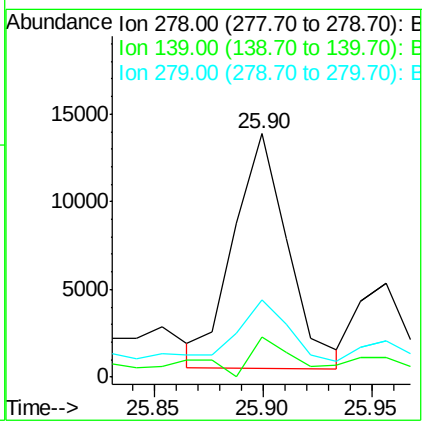


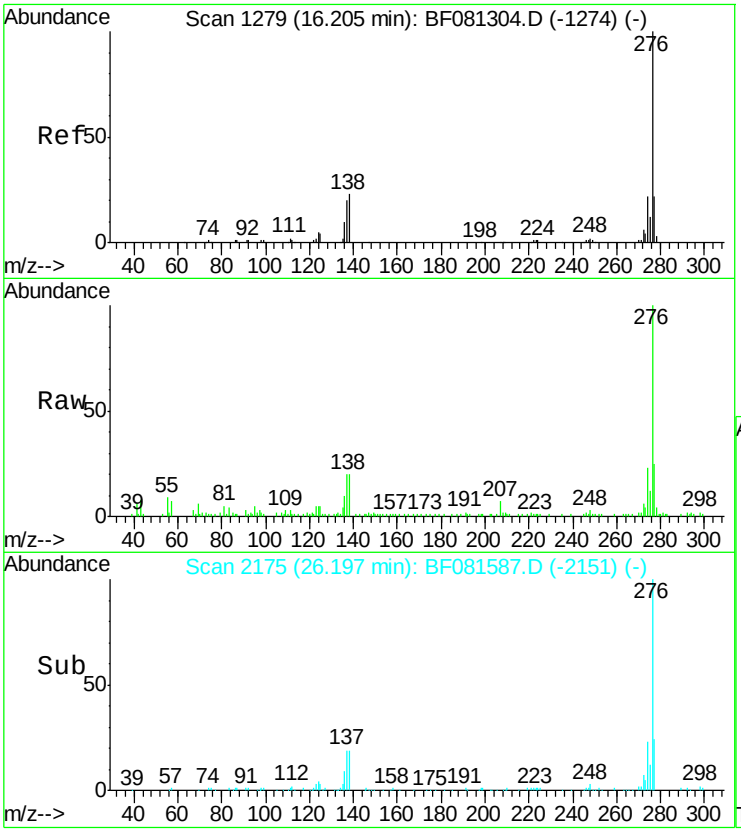


#90
Dibenzo(a,h)anthracene
Concen: 5.26 ng
RT: 25.90 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Tgt Ion:278 Resp: 23279

Ion	Ratio	Lower	Upper
278	100		
139	16.5	26.3	39.5#
279	31.9	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 18.21 ng
RT: 26.20 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF081587.D
Acq: 11 Sep 2015 16:50

Instrument :
BNA_F
ClientSampleId :
COMP(E2PM-MLSP1-SP12)DL

Tgt Ion:276 Resp: 76833

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.8	26.6
138	19.8	34.6	51.8#