Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
Data File : BE092976.D
Acq On : 10 May 2017 11:12
Operator : SJ/MA
Sample : I2872-15DL 200X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PT-BNA-SOILDL

Quant Time: May 10 11:53:27 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 03:43:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	858	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3554	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1787	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	4501	0.40	ng		0.00
26) Chrysene-d12	21.28	240	4964	0.40	ng		0.00
33) Perylene-d12	23.70	264	4308	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1236	0.51	ng		0.00
5) Phenol-d6	6.95	99	1675	0.56	ng		0.00
8) Nitrobenzene-d5	8.90	82	862	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	0.00	152	0	0.00	ng		
14) 2,4,6-Tribromophenol	15.88	330	212	0.46	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	2520	0.38	ng		0.00
24) Fluoranthene-d10	0.00	212	0	0.00	ng		
28) Terphenyl-d14	19.74	244	2601	0.34	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.20	93	2947	1.00	ng	#	99
16) Acenaphthylene	14.10	152	17715	0.59	ng		100
17) Acenaphthene	14.46	154	2088	0.37	ng		98
18) Fluorene	15.44	166	2256	0.33	ng		99
20) Hexachlorobenzene	16.47	284	2410	1.14	ng	#	100
22) Phenanthrene	17.18	178	4593	0.36	ng		99
25) Fluoranthene	19.17	202	15921	0.26	ng	#	99
27) Pyrene	19.53	202	19598	0.30	ng	#	98
29) Benzo(a)anthracene	21.27	228	5577	0.47	ng		98
30) Chrysene	21.32	228	8034	0.51	ng		98
31) Bis(2-ethylhexyl)phthalate	21.20	149	2555	0.58	ng		98
32) Indeno(1,2,3-cd)pyrene	26.24	276	23391	0.43	ng		100
34) Benzo(b)fluoranthene	22.95	252	5568	0.42	ng		98
35) Benzo(k)fluoranthene	23.00	252	10769	0.76	ng		94
36) Benzo(a)pyrene	23.59	252	6302	0.51	ng		97
37) Dibenzo(a,h)anthracene	26.25	278	5972	0.49	ng		97

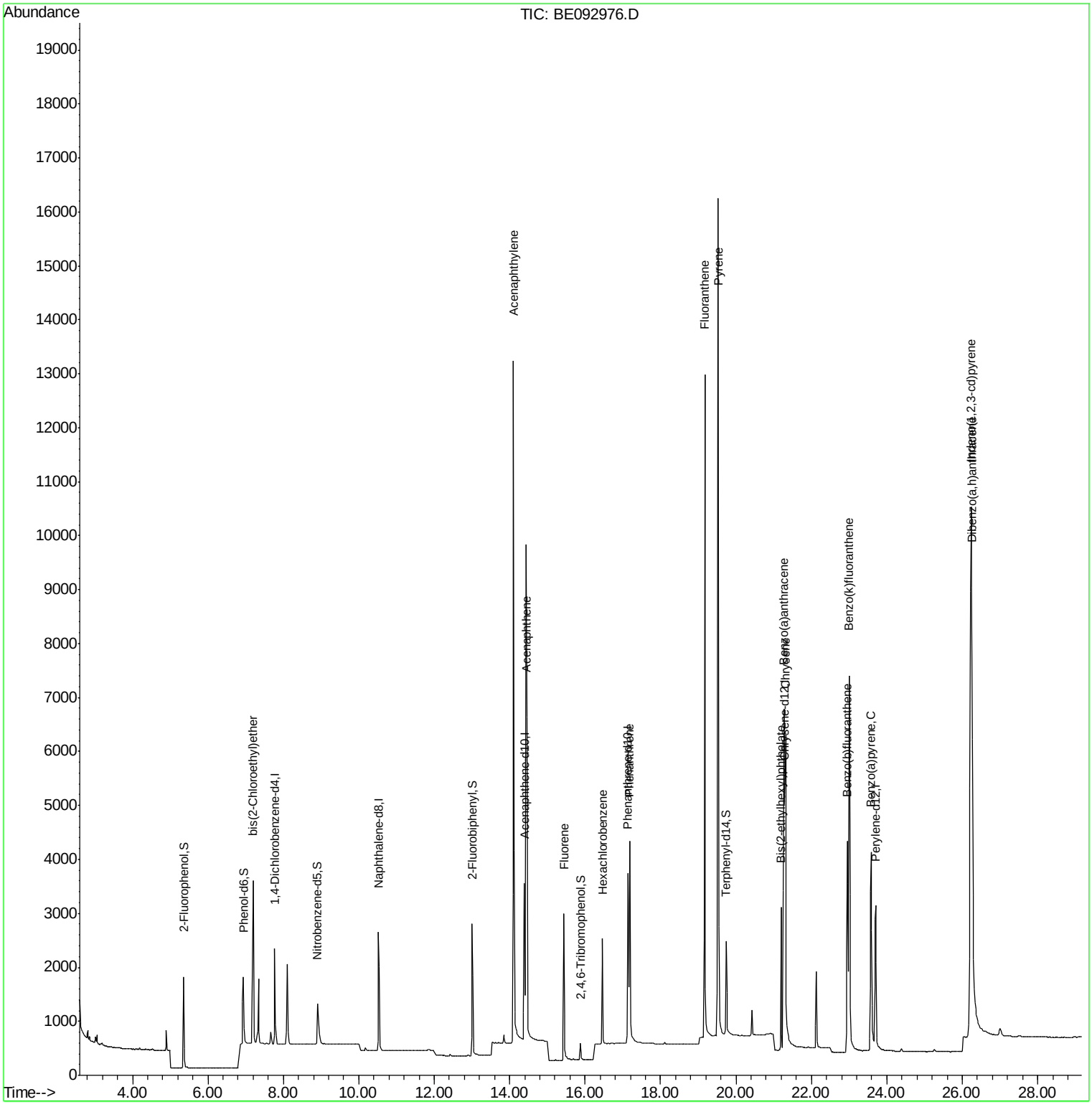
(#) = qualifier out of range (m) = manual integration (+) = signals summed

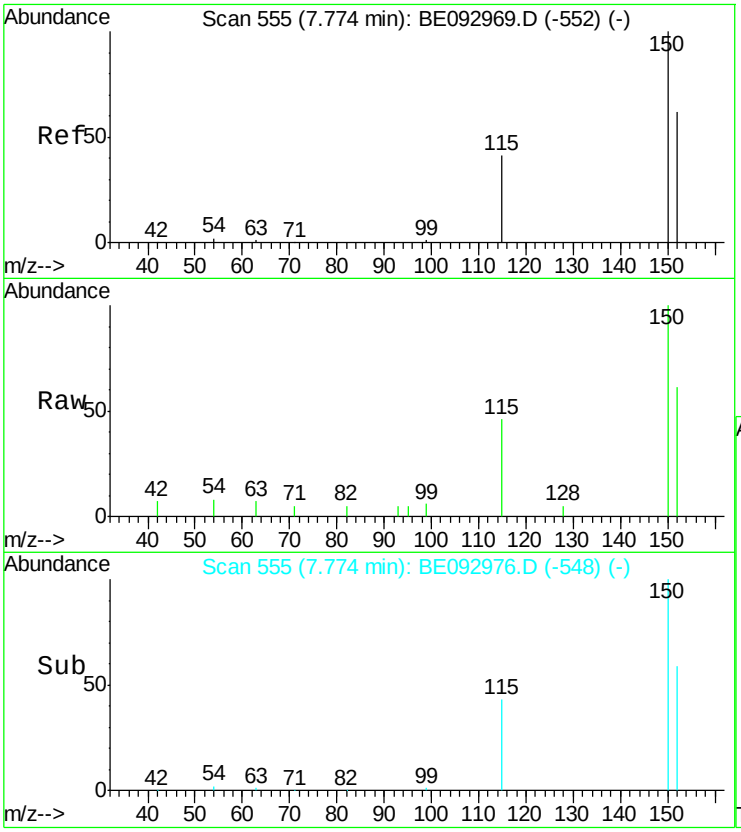
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
Data File : BE092976.D
Acq On : 10 May 2017 11:12
Operator : SJ/MA
Sample : I2872-15DL 200X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Quant Time: May 10 11:53:27 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 03:43:15 2017
Response via : Initial Calibration



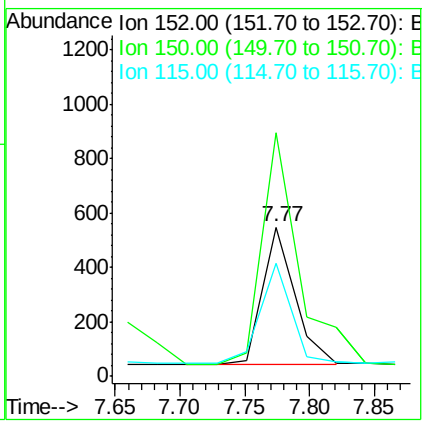


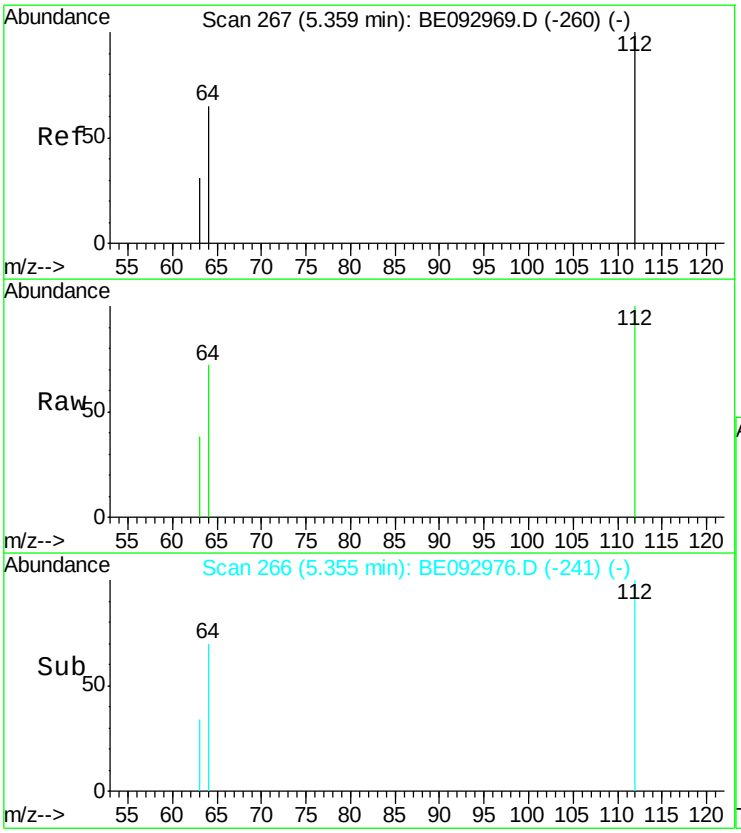
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:152 Resp: 858

Ion	Ratio	Lower	Upper
152	100		
150	162.8	125.1	187.7
115	75.2	55.7	83.5

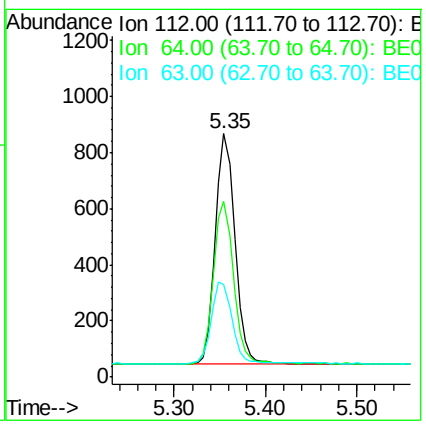


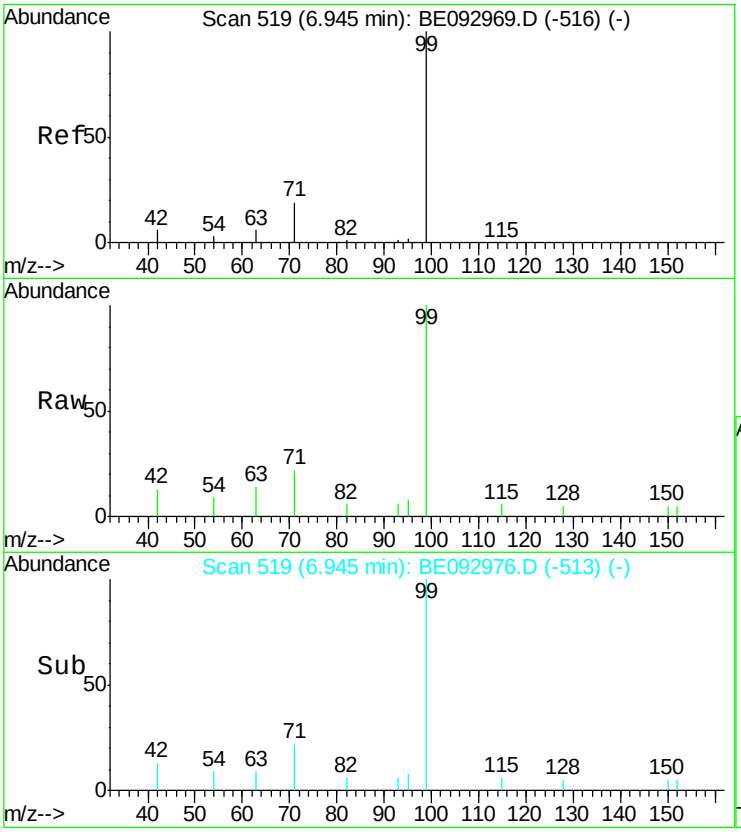


#4
2-Fluorophenol
Concen: 0.51 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:112 Resp: 1236

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.4	84.6
63	36.8	29.3	43.9



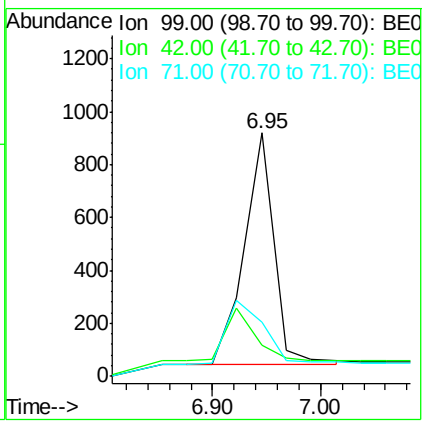


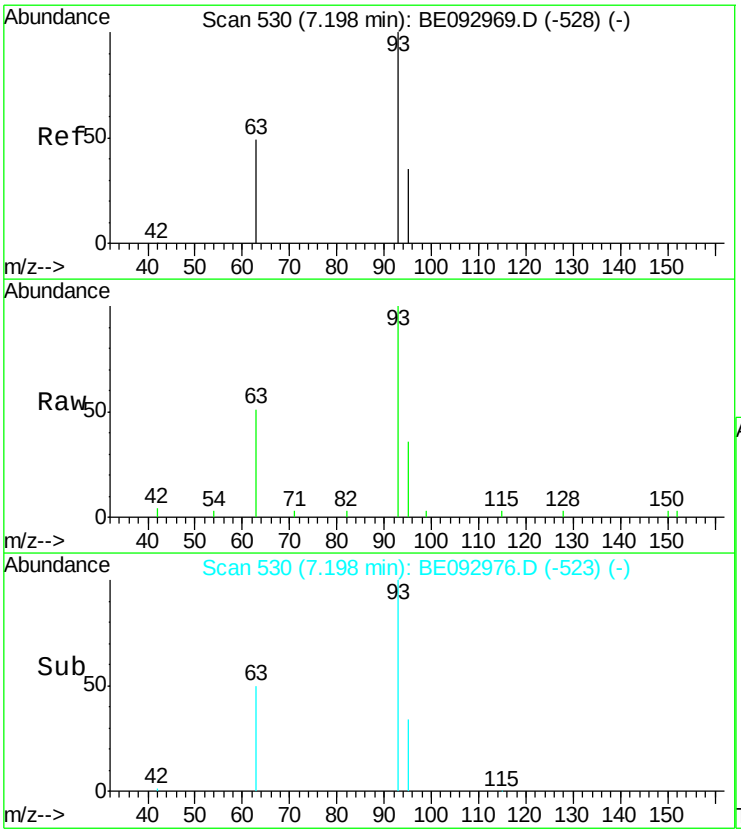
#5
Phenol-d6
Concen: 0.56 ng
RT: 6.95 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion: 99 Resp: 1675

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

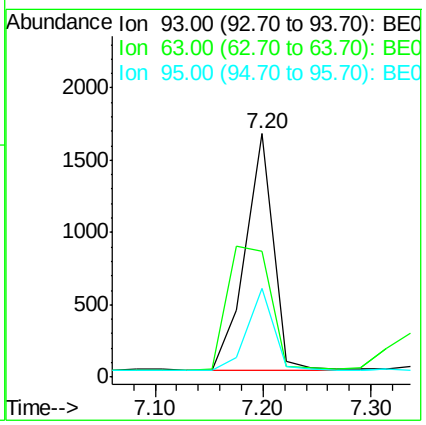


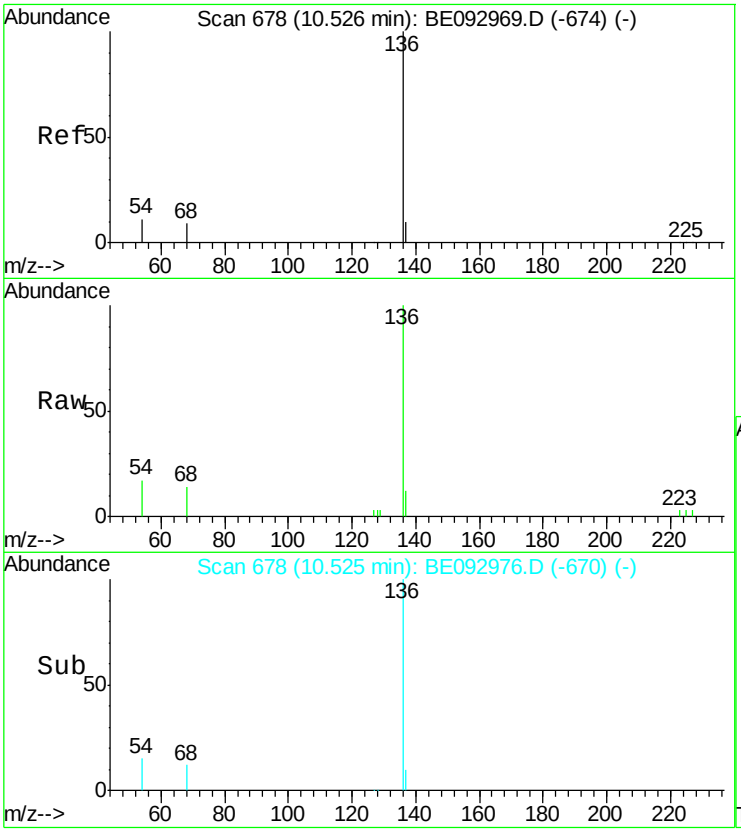


#6
bis(2-Chloroethyl)ether
Concen: 1.00 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion: 93 Resp: 2947

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	32.2	25.4	38.0



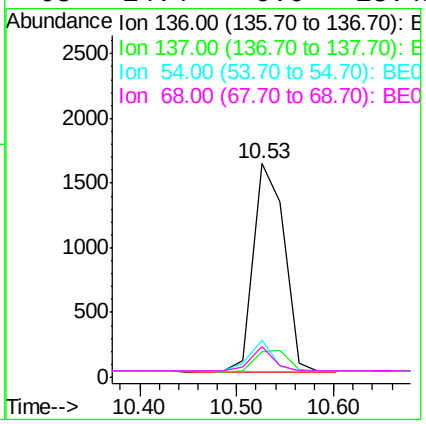


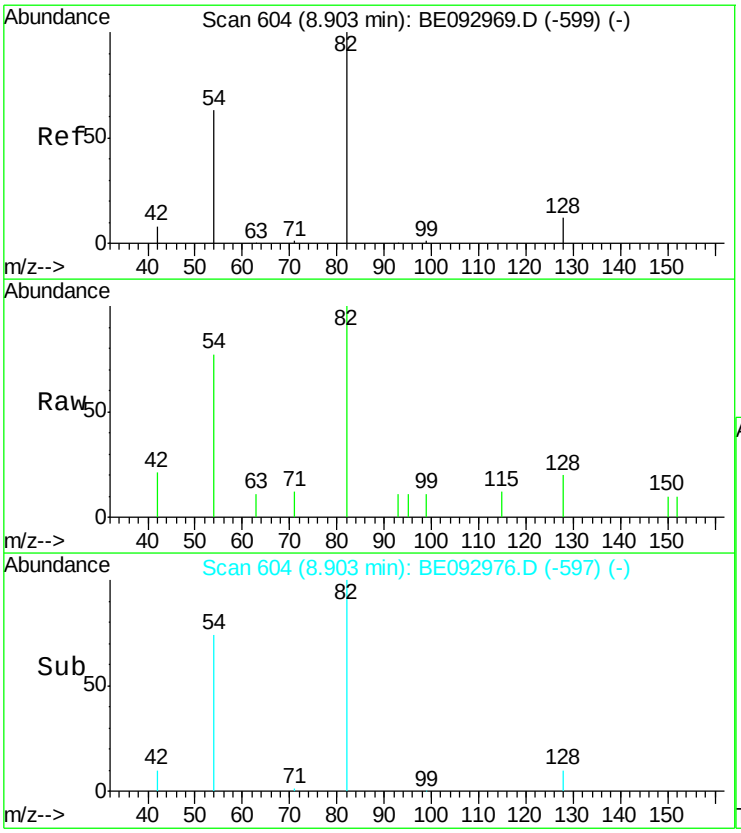
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:136 Resp: 3554

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.8
54	17.2	10.3	15.5#
68	14.4	9.0	13.4#

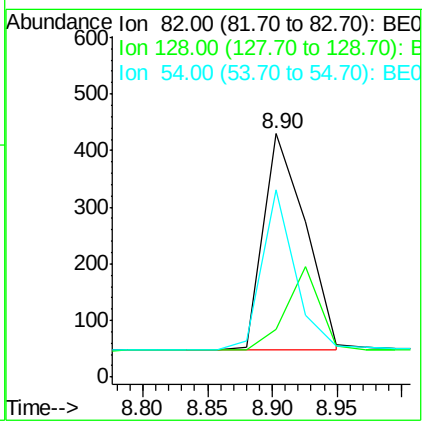


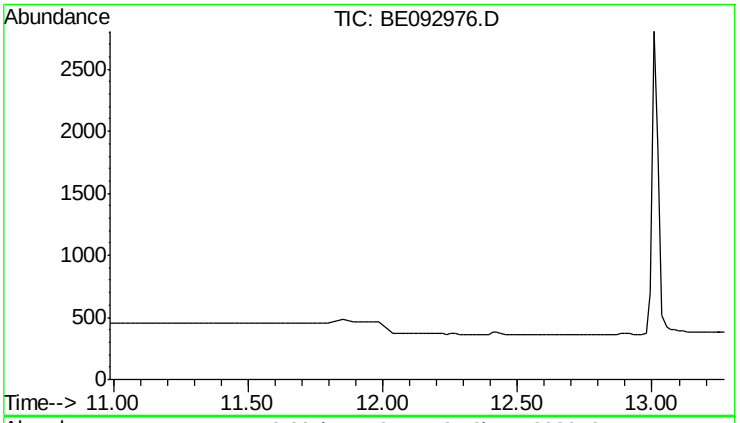


#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.90 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion: 82 Resp: 862

Ion	Ratio	Lower	Upper
82	100		
128	19.5	17.0	25.4
54	77.0	53.8	80.6





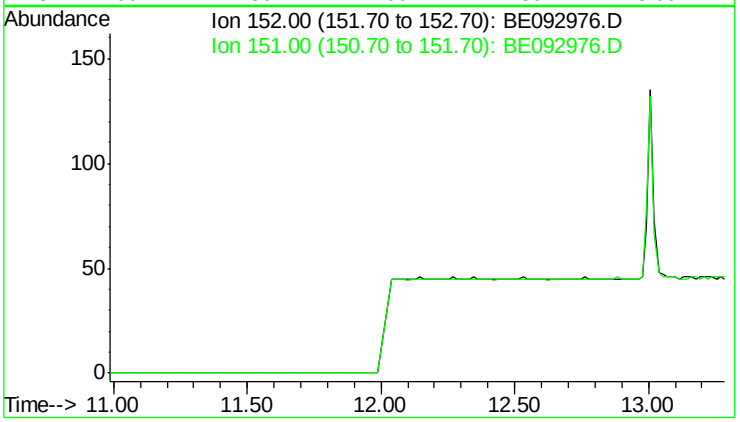
#11
2-Methylnaphthalene-d10
Concen: 0.00 ng
Expected RT: 12.13 min

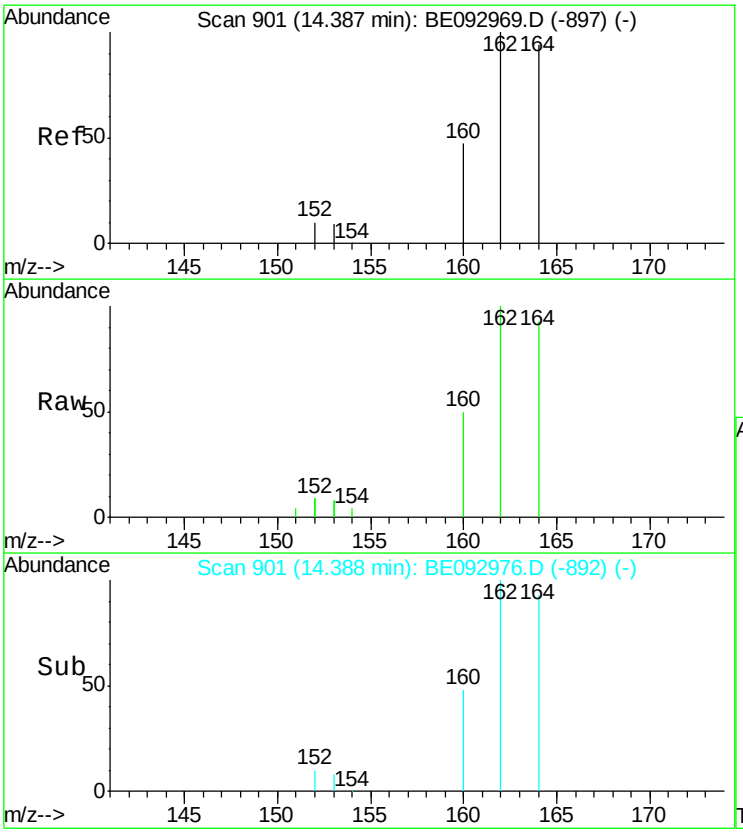
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion: 152

Sig	Exp Ratio
152	100
151	18.9

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

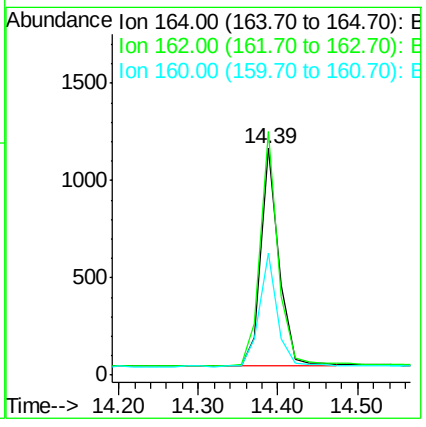


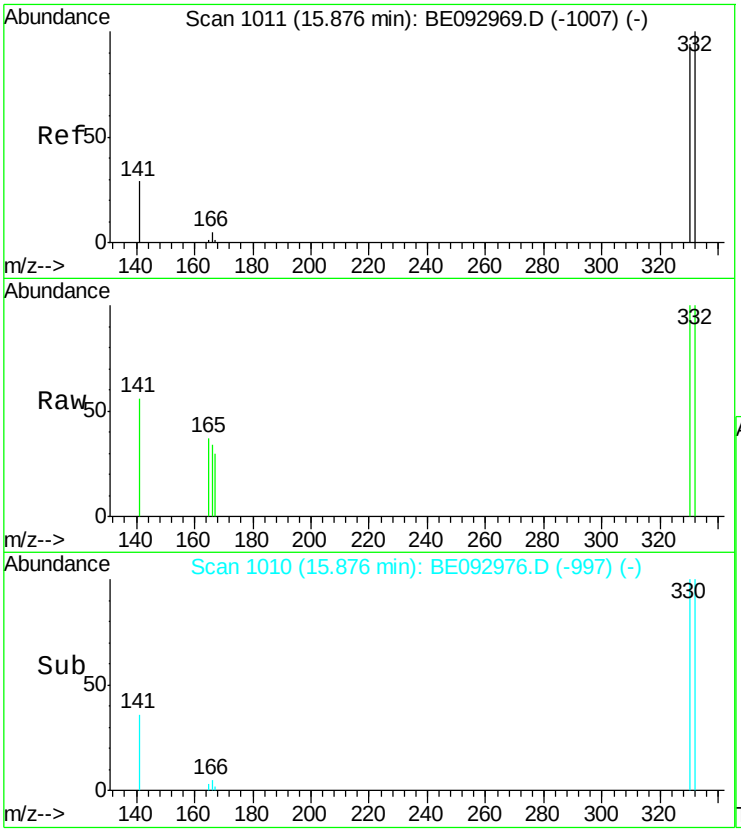


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:164 Resp: 1787

Ion	Ratio	Lower	Upper
164	100		
162	107.6	84.6	127.0
160	53.7	41.8	62.6



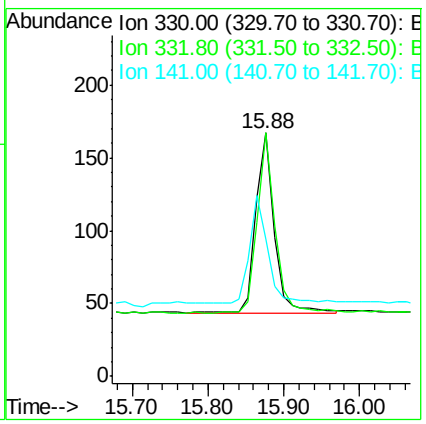


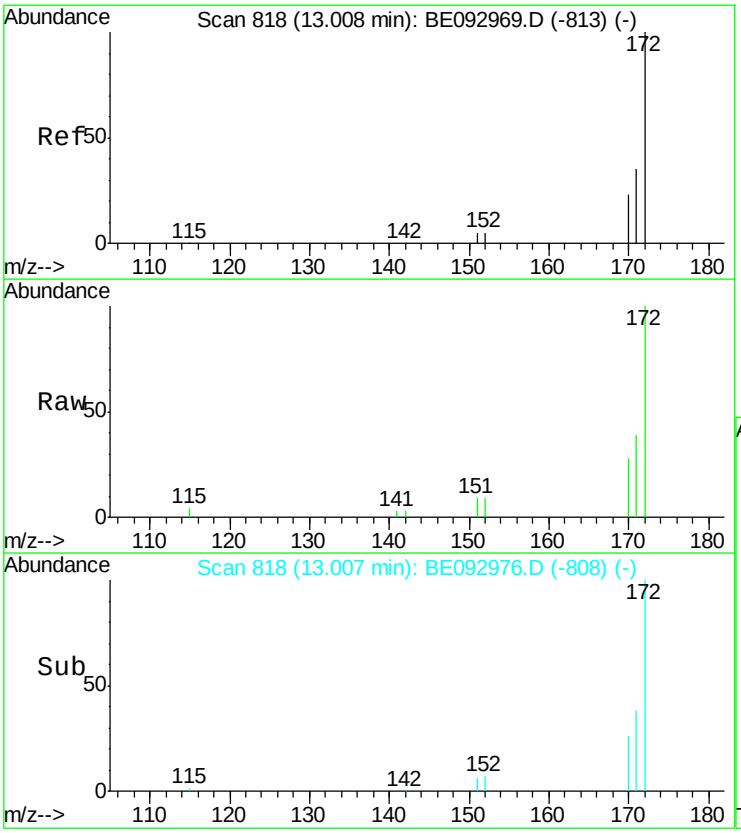
#14
2,4,6-Tribromophenol
Concen: 0.46 ng
RT: 15.88 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:330 Resp: 212

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	58.0	56.2	84.4

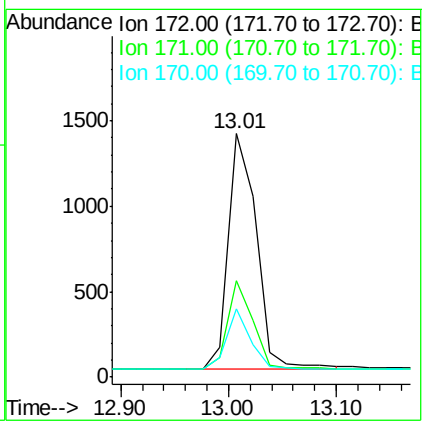


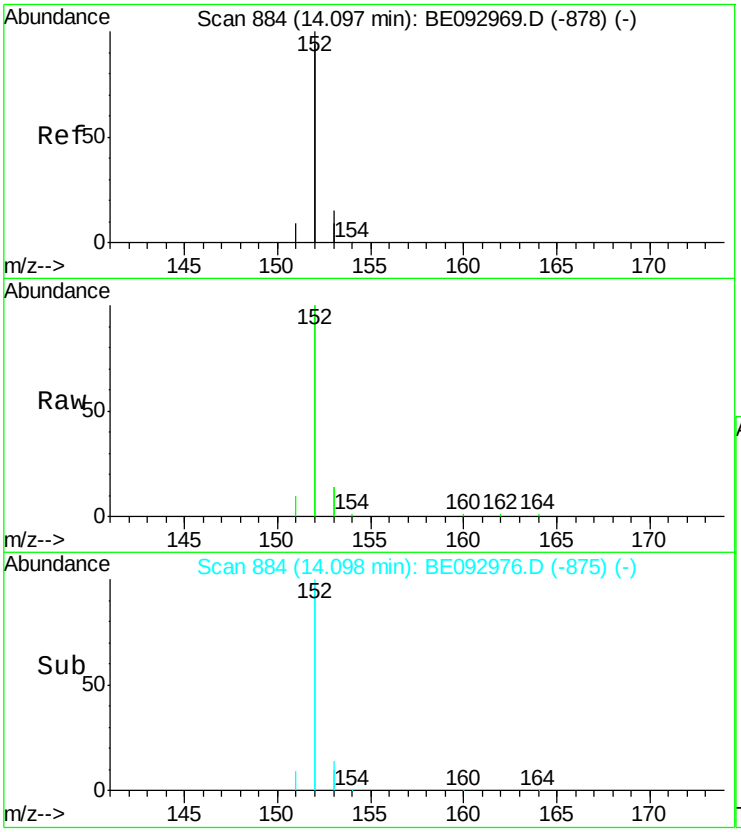


#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:172 Resp: 2520

Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.8	44.6
170	28.2	20.7	31.1



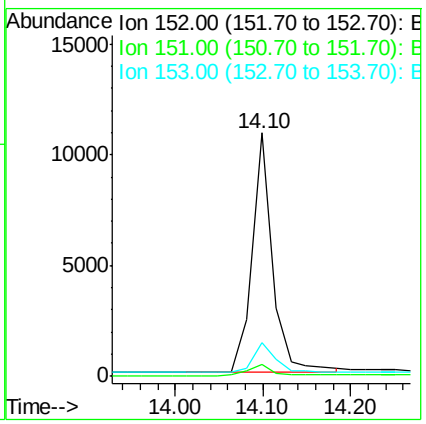


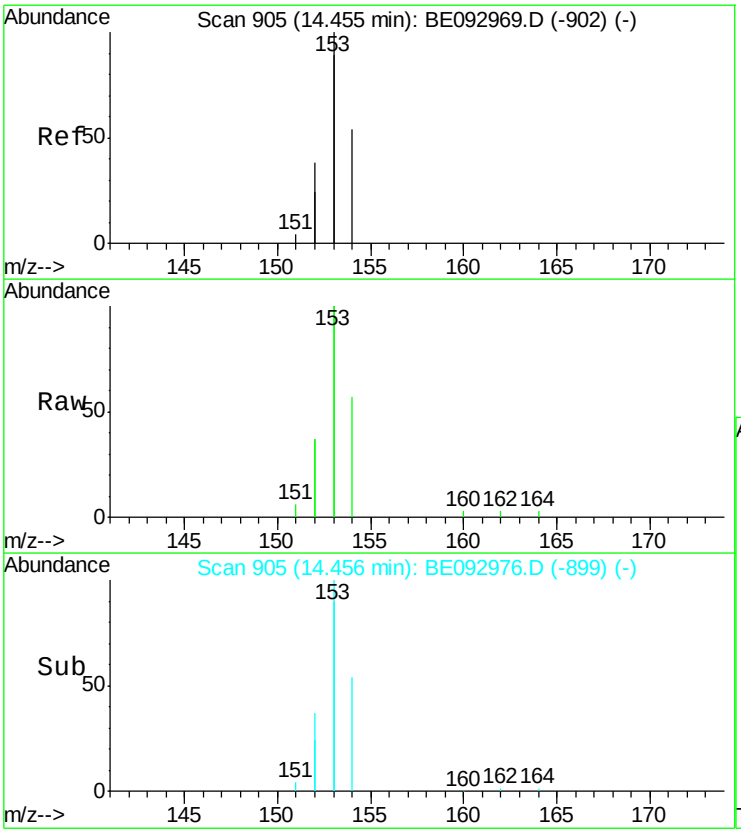
#16
Acenaphthylene
Concen: 0.59 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:152 Resp: 17715

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	12.9	10.3	15.5

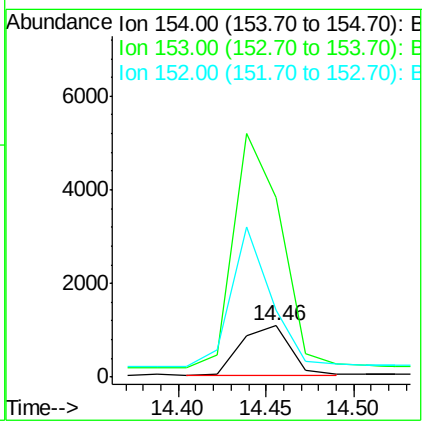


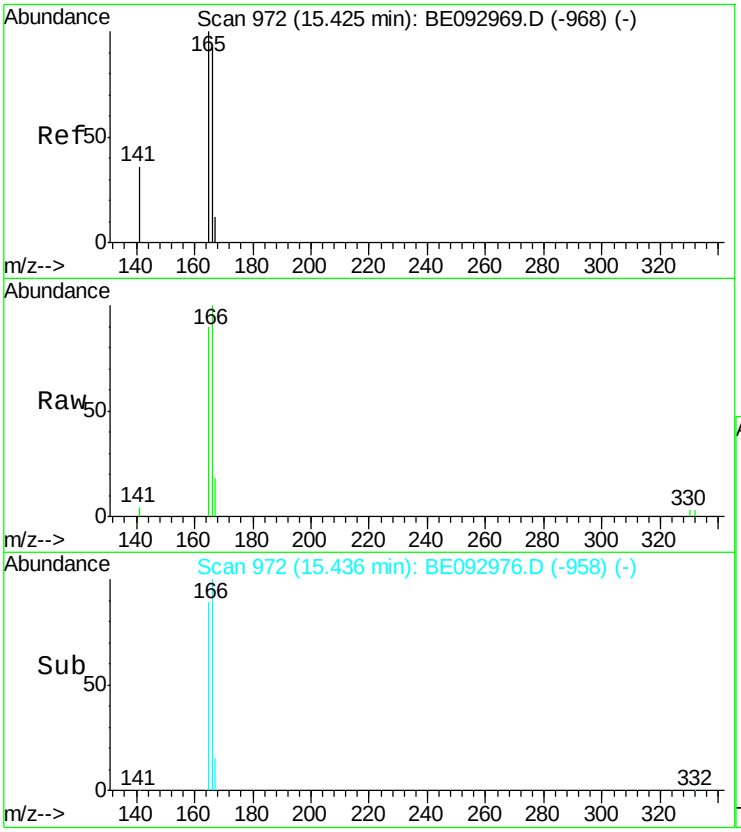


#17
Acenaphthene
Concen: 0.37 ng
RT: 14.46 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:154 Resp: 2088

Ion	Ratio	Lower	Upper
154	100		
153	458.2	367.8	551.6
152	228.9	188.2	282.2



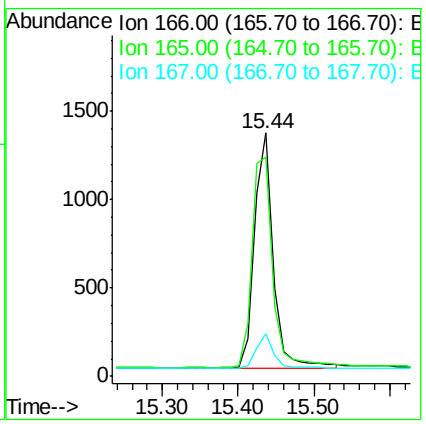


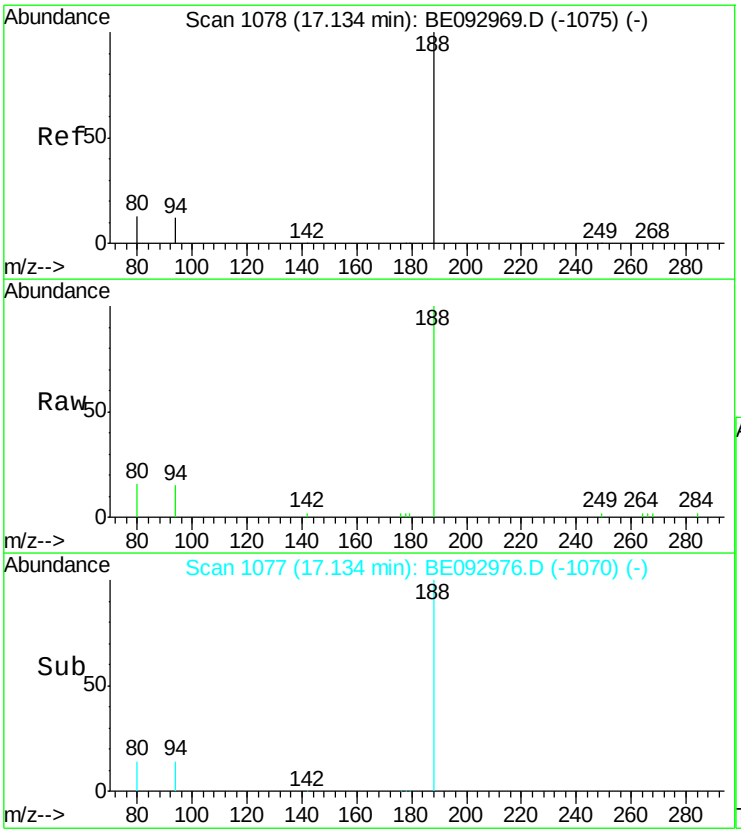
#18
Fluorene
Concen: 0.33 ng
RT: 15.44 min Scan# 972
Delta R.T. 0.01 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:166 Resp: 2256

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	117.8
167	13.8	11.1	16.7

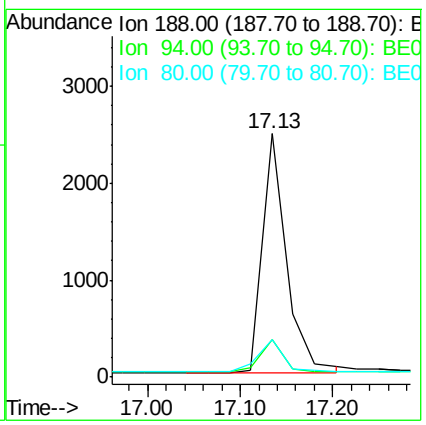


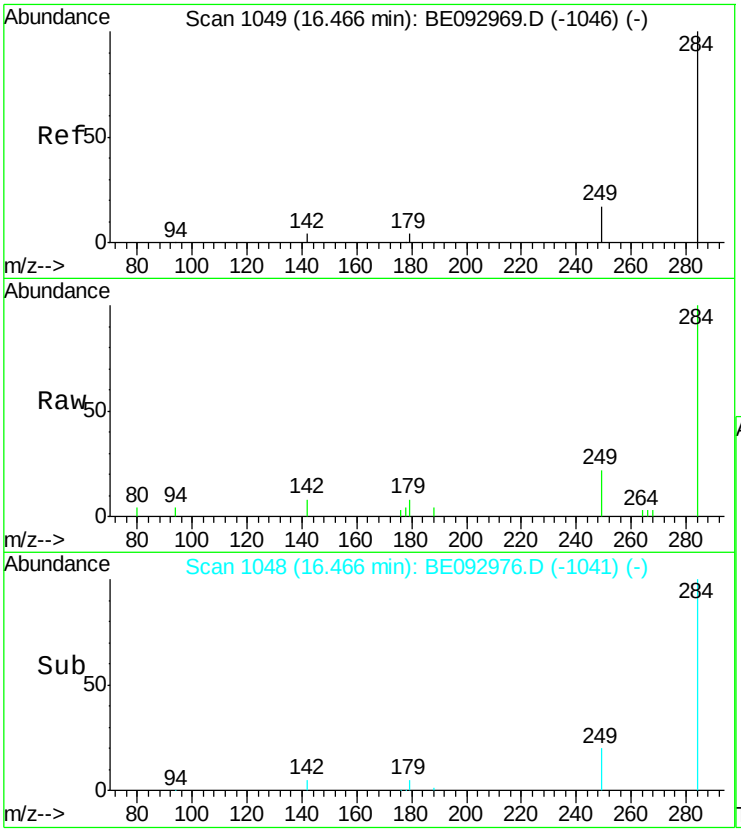


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:188 Resp: 4501

Ion	Ratio	Lower	Upper
188	100		
94	15.5	11.3	16.9
80	15.6	11.7	17.5



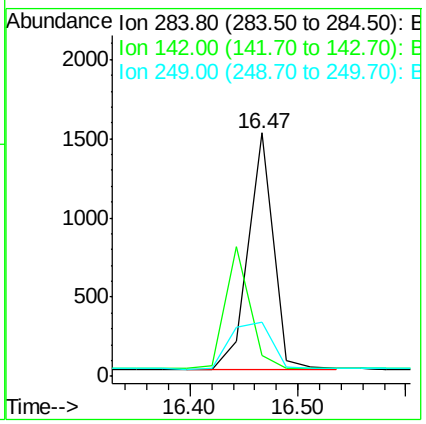


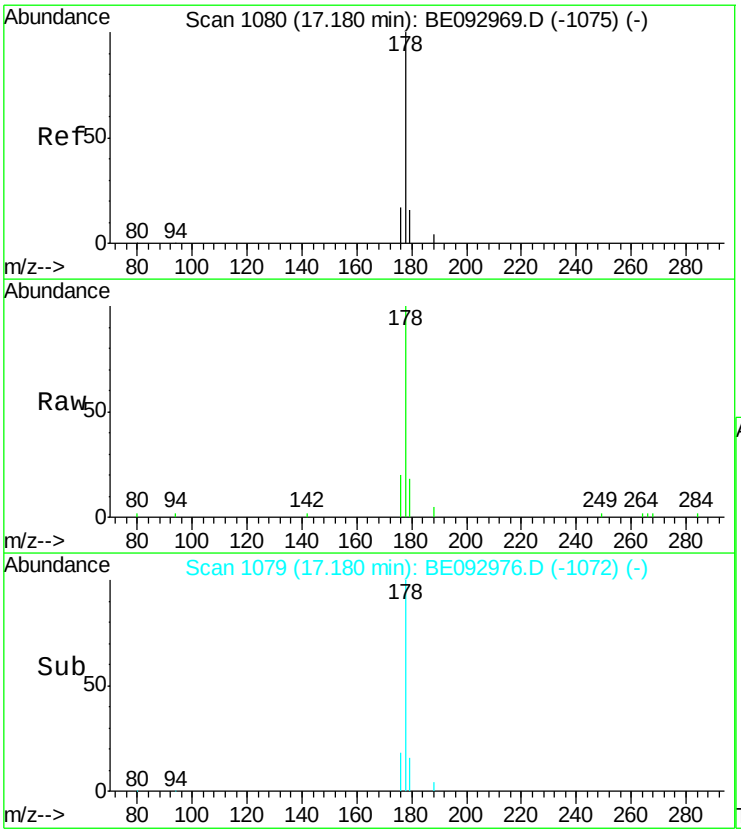
#20
Hexachlorobenzene
Concen: 1.14 ng
RT: 16.47 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:284 Resp: 2410

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	33.0	0.0	0.0#

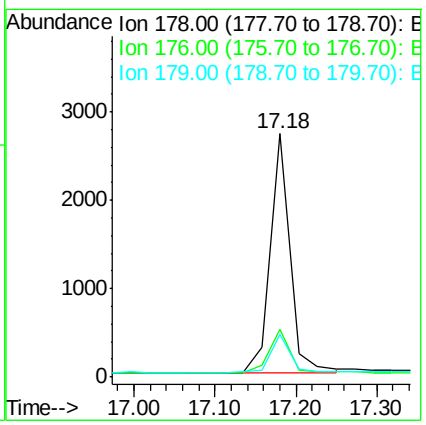


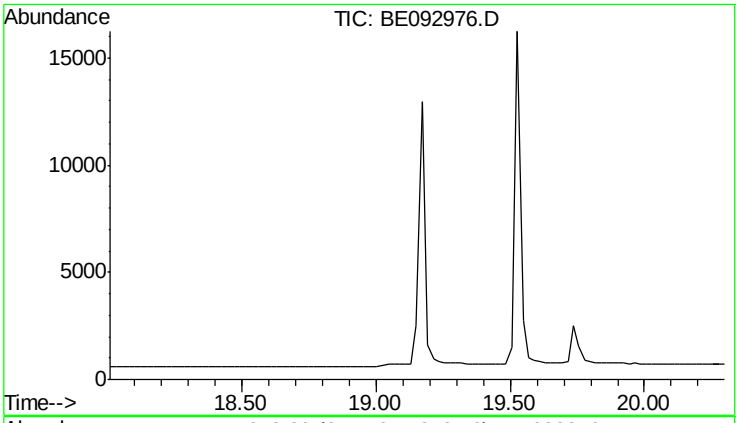


#22
Phenanthrene
Concen: 0.36 ng
RT: 17.18 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:178 Resp: 4593

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	16.0	12.7	19.1





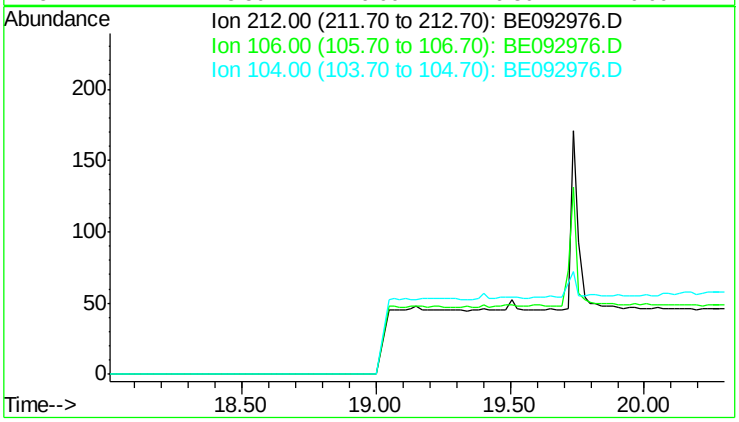
#24
Fluoranthene-d10
Concen: 0.00 ng
Expected RT: 19.15 min

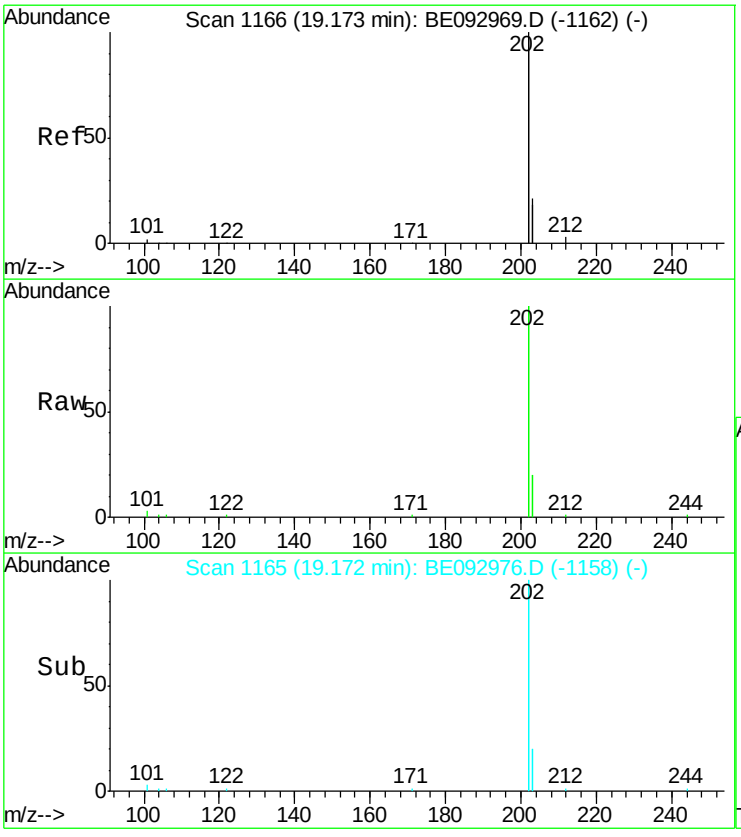
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion: 212

Sig	Exp Ratio
212	100
106	0.0
104	0.0

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

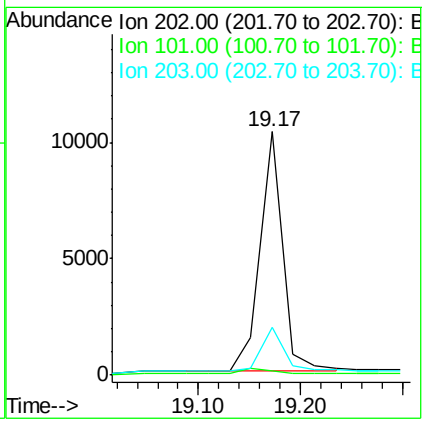


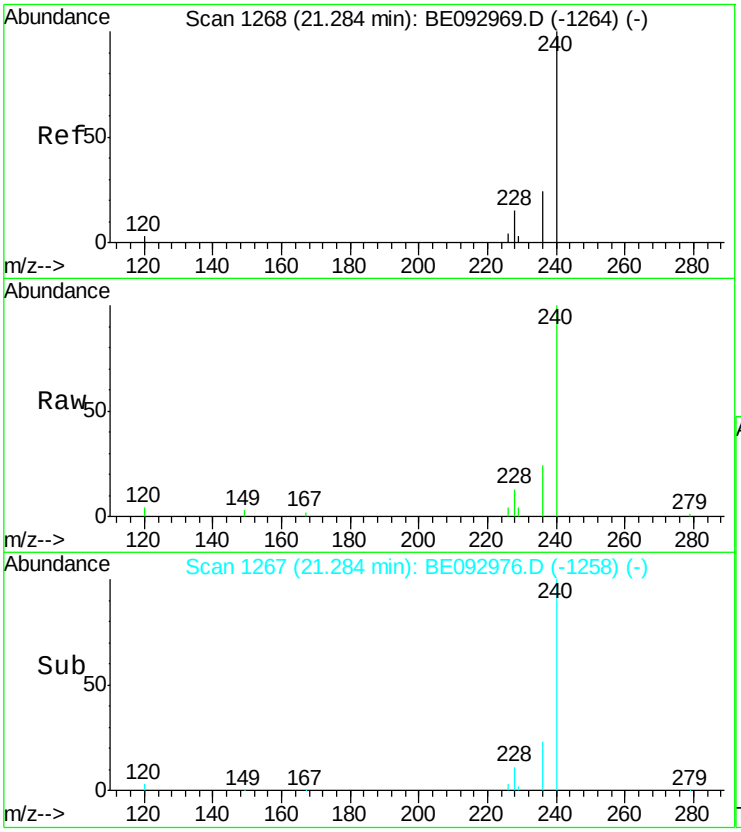


#25
Fluoranthene
Concen: 0.26 ng
RT: 19.17 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:202 Resp: 15921

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	17.7	14.4	21.6



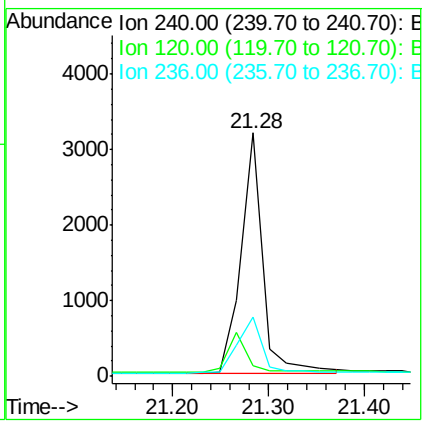


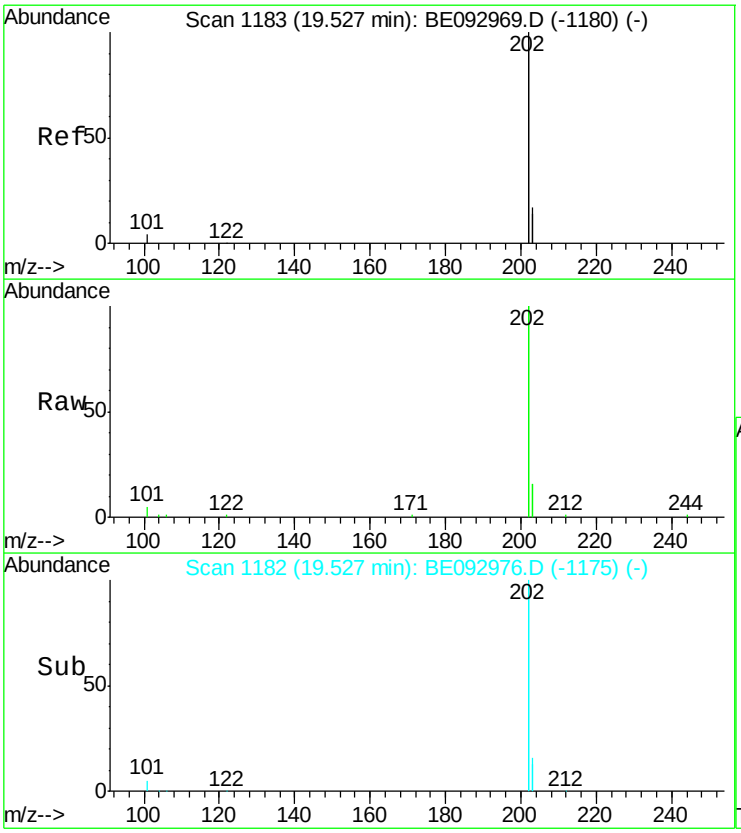
#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:240 Resp: 4964

Ion	Ratio	Lower	Upper
240	100		
120	4.3	4.6	7.0#
236	24.4	20.8	31.2

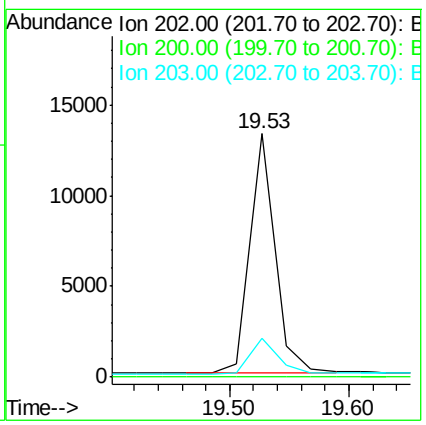


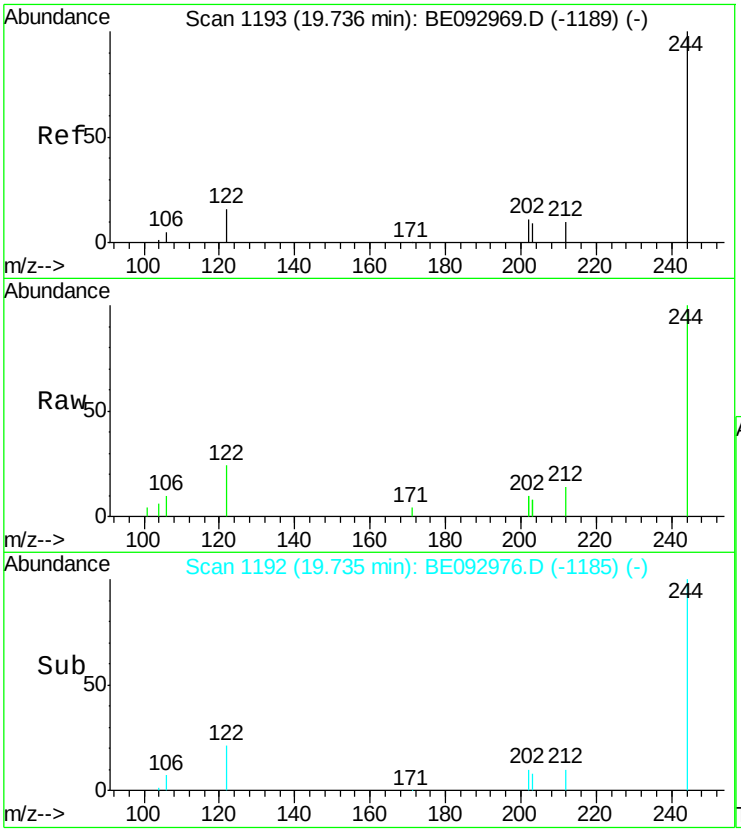


#27
Pyrene
Concen: 0.30 ng
RT: 19.53 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:202 Resp: 19598

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	16.4	13.7	20.5



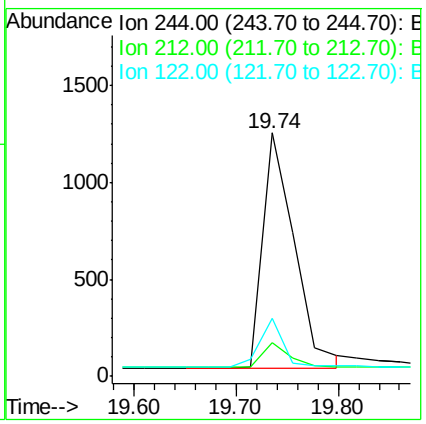


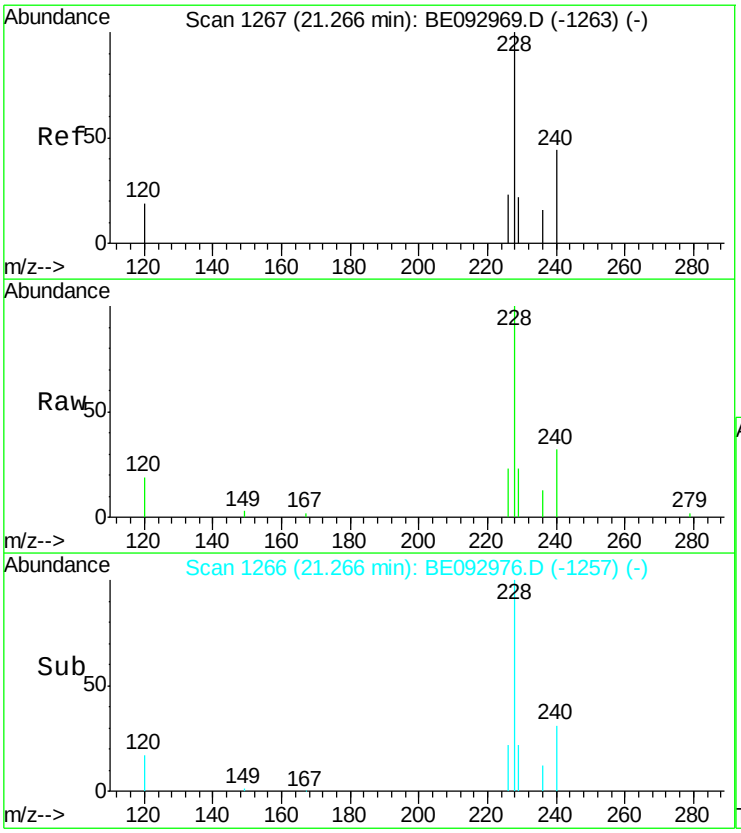
#28
Terphenyl-d14
Concen: 0.34 ng
RT: 19.74 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:244 Resp: 2601

Ion	Ratio	Lower	Upper
244	100		
212	13.6	10.6	16.0
122	23.6	15.4	23.0#

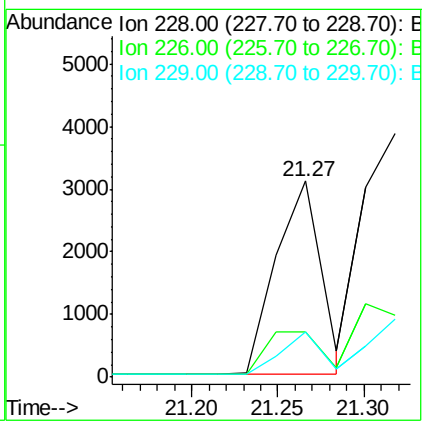


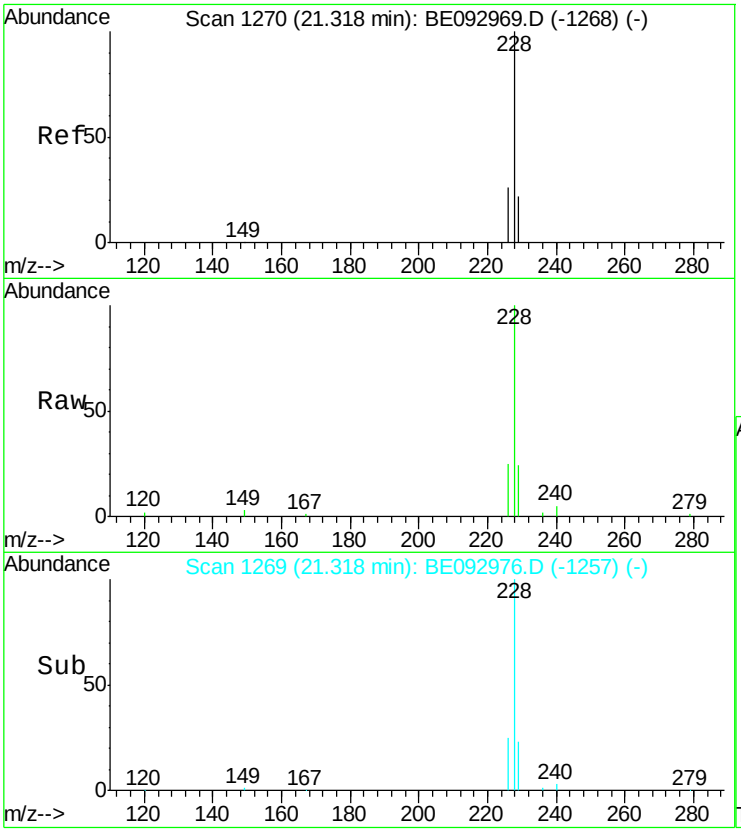


#29
Benzo(a)anthracene
Concen: 0.47 ng
RT: 21.27 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:228 Resp: 5577

Ion	Ratio	Lower	Upper
228	100		
226	22.9	19.7	29.5
229	23.4	19.2	28.8



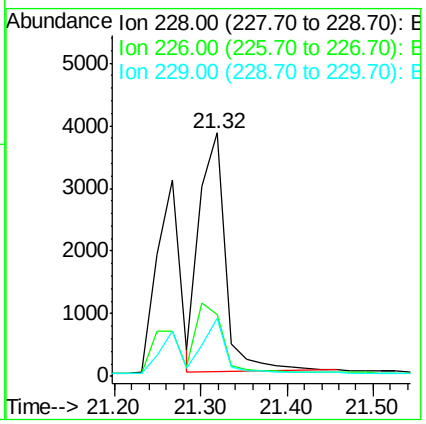


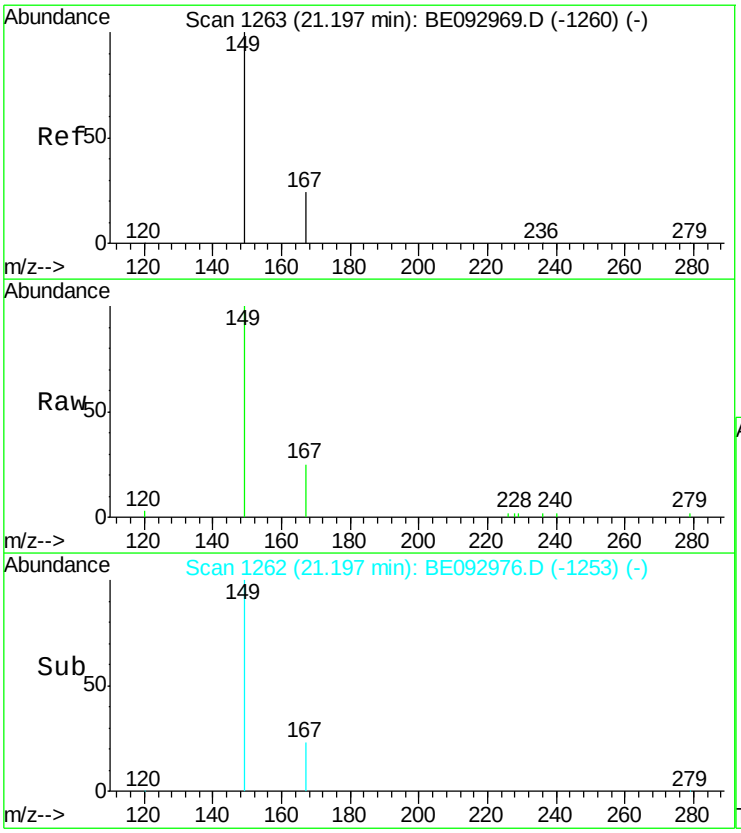
#30
Chrysene
Concen: 0.51 ng
RT: 21.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:228 Resp: 8034

Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.5	32.3
229	23.6	18.6	28.0

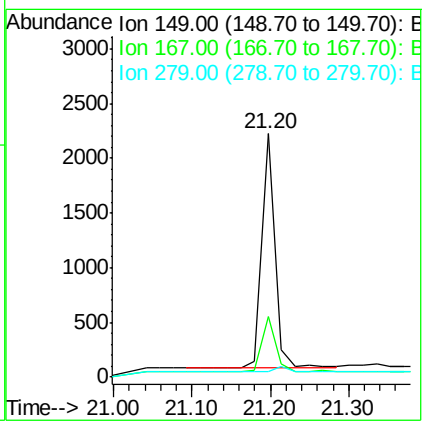


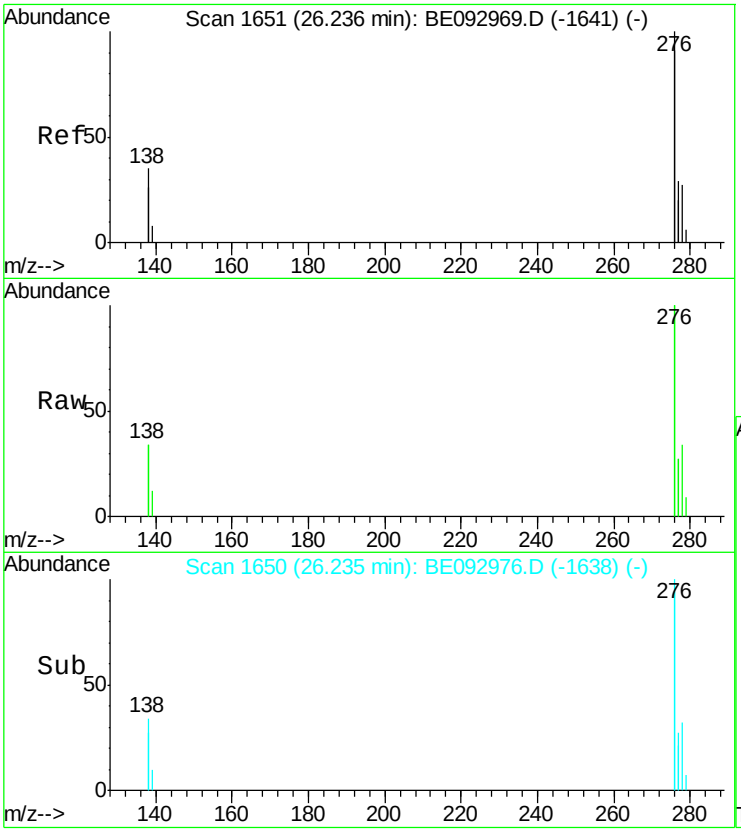


#31
Bis(2-ethylhexyl)phthalate
Concen: 0.58 ng
RT: 21.20 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:149 Resp: 2555

Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.1	30.1
279	2.6	2.2	3.4



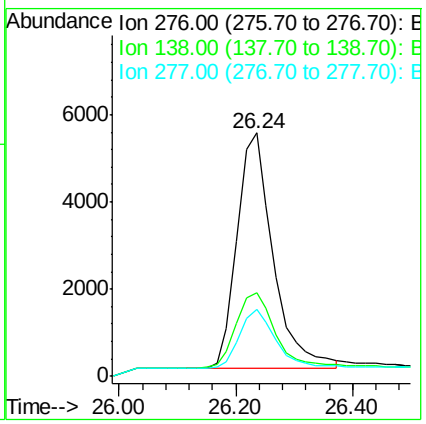


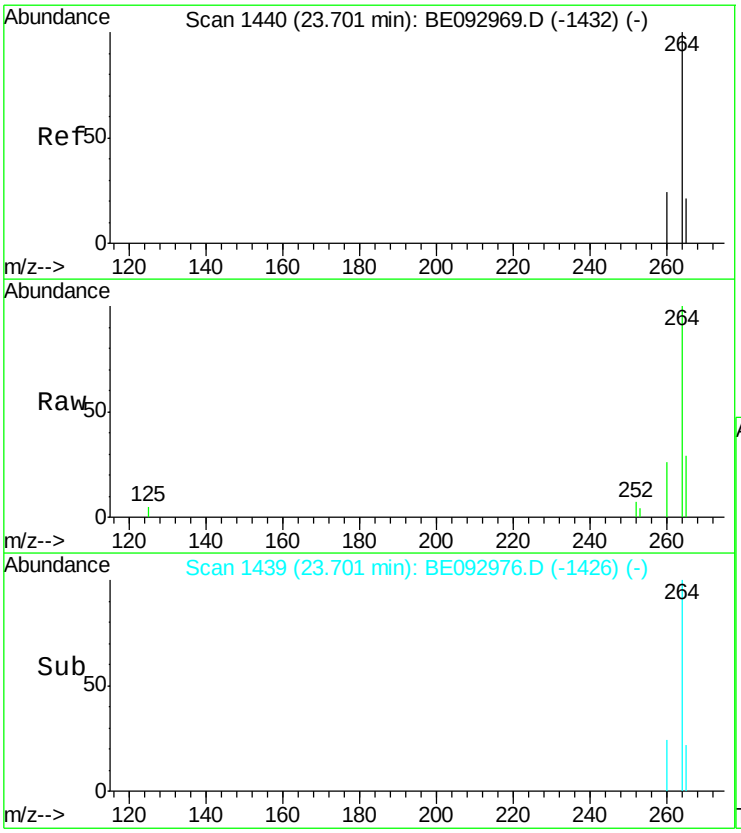
#32
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 26.24 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:276 Resp: 23391

Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.4	41.2
277	25.1	20.1	30.1

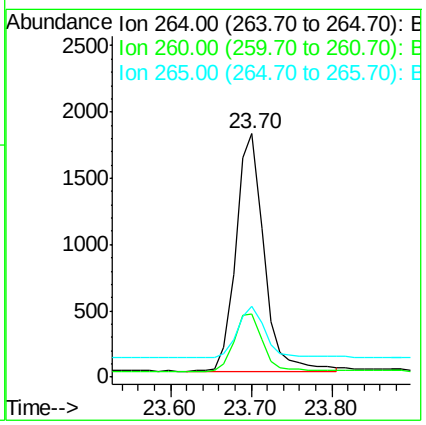


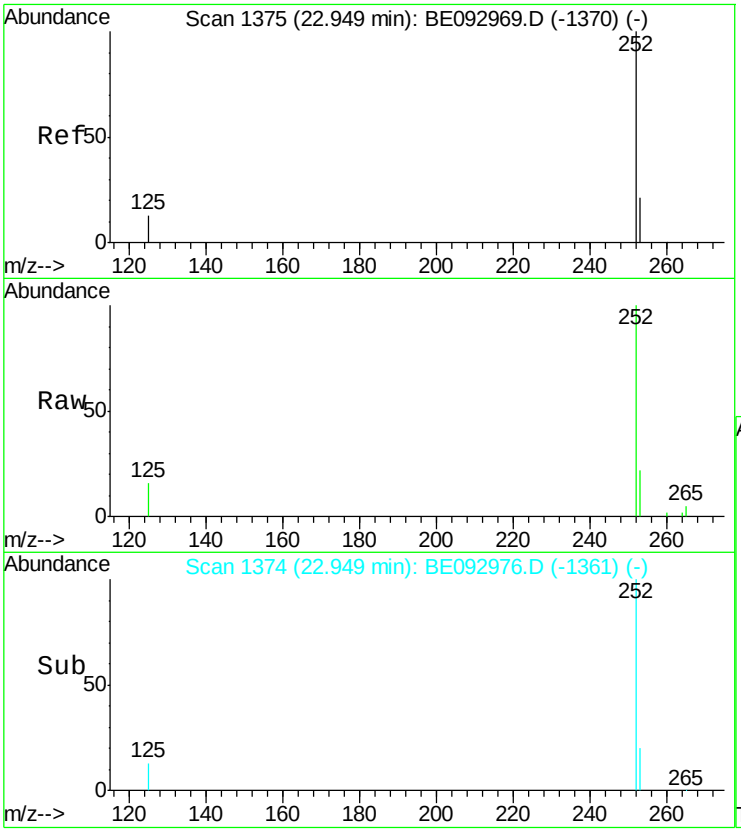


#33
Perylene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:264 Resp: 4308

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.0	31.4
265	29.0	24.6	36.8



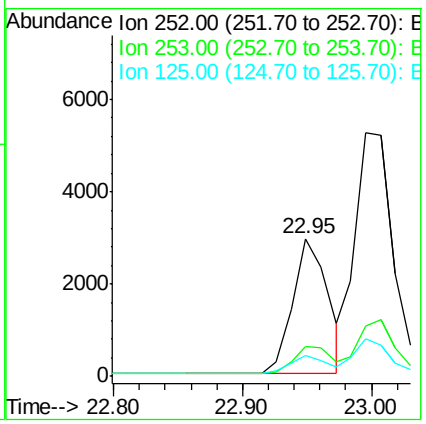


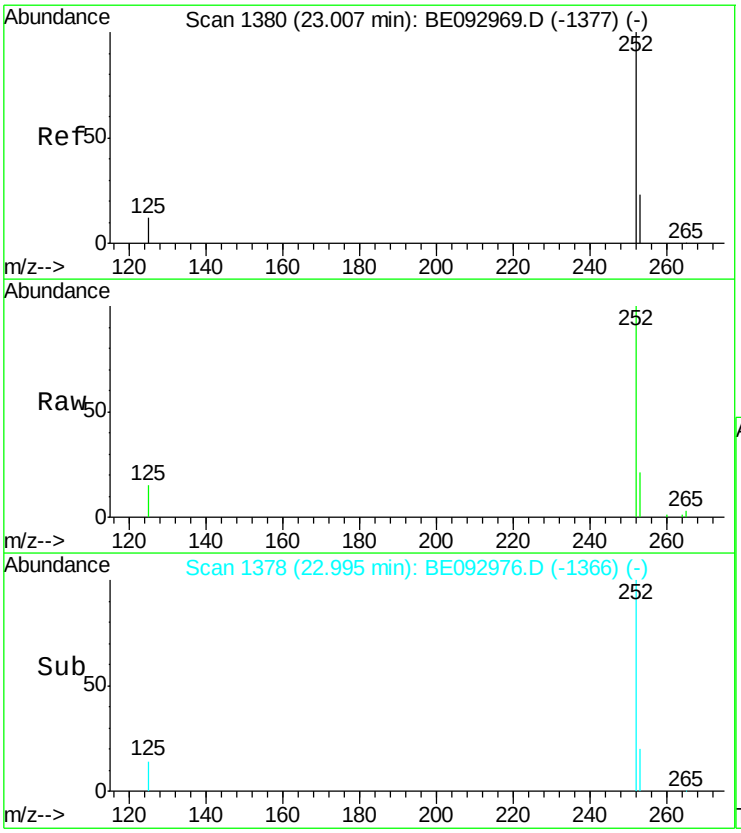
#34
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 22.95 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:252 Resp: 5568

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	15.6	13.4	20.0

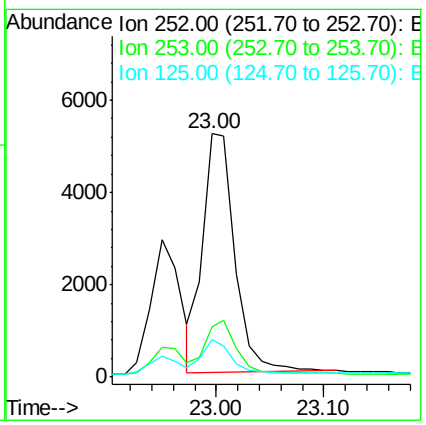


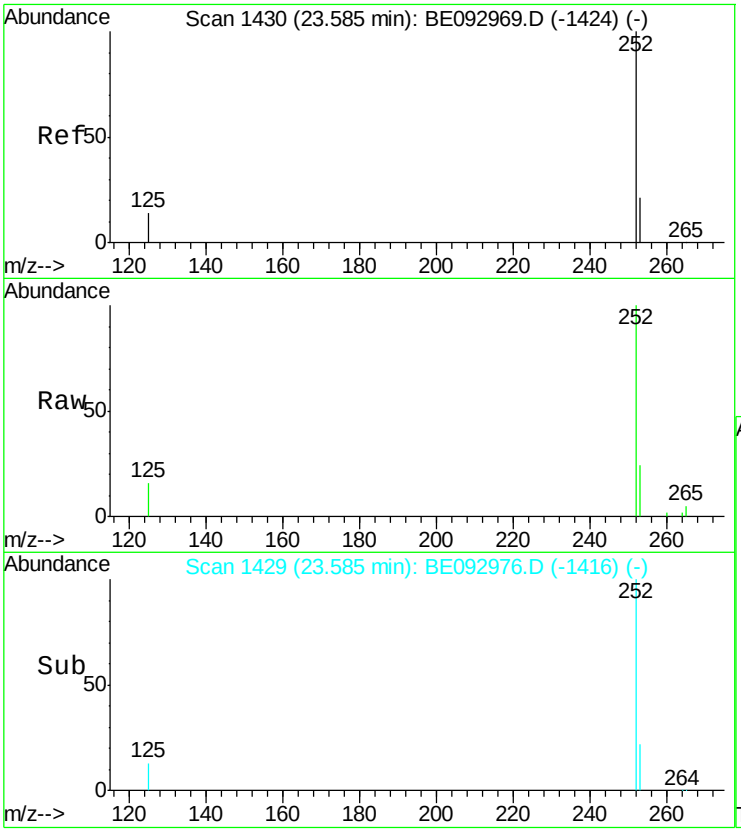


#35
Benzo(k)fluoranthene
Concen: 0.76 ng
RT: 23.00 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:252 Resp: 10769

Ion	Ratio	Lower	Upper
252	100		
253	20.7	20.3	30.5
125	15.2	12.2	18.4



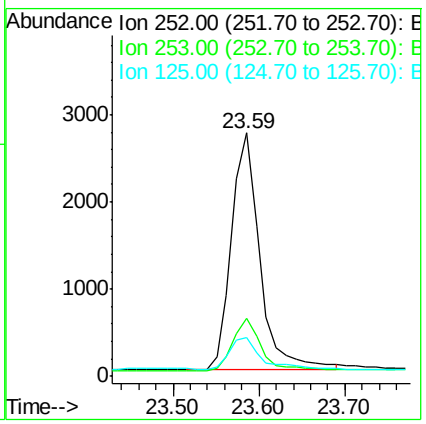


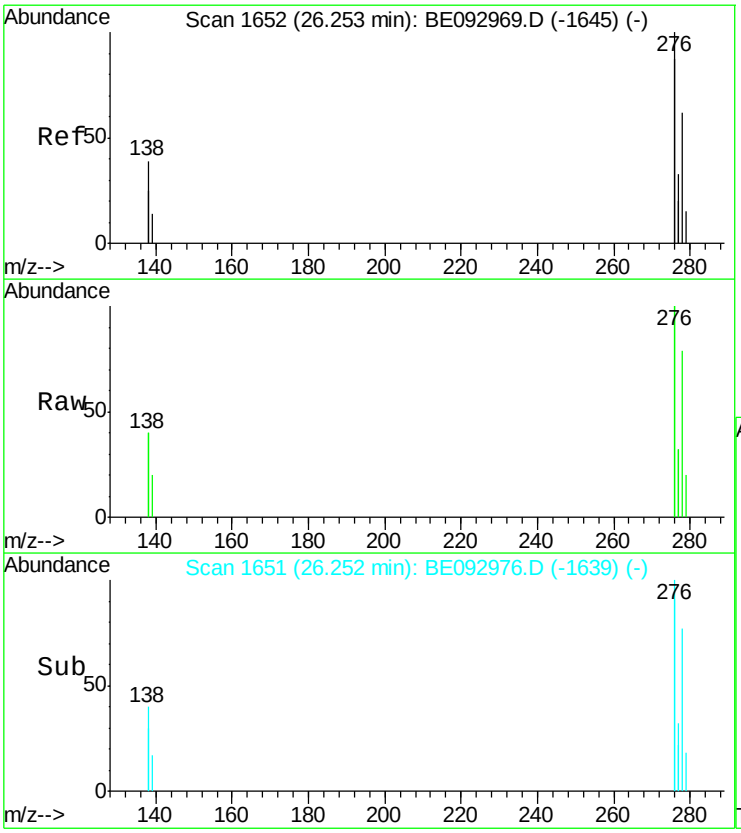
#36
Benzo(a)pyrene
Concen: 0.51 ng
RT: 23.59 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:252 Resp: 6302

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.9	29.9
125	15.9	14.6	21.8





#37
Dibenzo(a,h)anthracene
Concen: 0.49 ng
RT: 26.25 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BE092976.D
Acq: 10 May 2017 11:12

Tgt Ion:278 Resp: 5972

Ion	Ratio	Lower	Upper
278	100		
139	25.3	21.4	32.0
279	25.6	22.2	33.2