Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013117\
Data File : BE092701.D
Acq On : 31 Jan 2017 23:58
Operator : SJ/MA
Sample : I1505-03 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-01B

Quant Time: Feb 01 02:24:28 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10878	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	53944	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	35977	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	76467	5.00	ng		0.00
24) Chrysene-d12	21.72	240	69464	5.00	ng		0.00
31) Perylene-d12	24.07	264	80427	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	2239	0.92	ng		0.00
5) Phenol-d6	7.31	99	2825	0.95	ng		-0.02
8) Nitrobenzene-d5	9.36	82	1085	0.31	ng		0.02
13) 2,4,6-Tribromophenol	16.31	330	643	0.73	ng		0.01
14) 2-Fluorobiphenyl	13.42	172	3661	0.41	ng		0.00
26) Terphenyl-d14	20.14	244	4804	0.49	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.97	128	781	0.07	ng	#	68
11) 2-Methylnaphthalene	12.64	142	203	0.03	ng	#	83
15) Acenaphthylene	14.49	152	21460	0.43	ng		99
16) Acenaphthene	14.85	154	814	0.10	ng		83
17) Fluorene	15.84	166	1065	0.11	ng		94
19) Hexachlorobenzene	16.66	284	116	Below Cal		#	1
21) Phenanthrene	17.58	178	23171	1.37	ng		94
22) Anthracene	17.67	178	5876	0.38	ng		97
23) Fluoranthene	19.58	202	191301	2.56	ng		100
25) Pyrene	19.93	202	216392	3.16	ng		94
27) Benzo(a)anthracene	21.75	228	219811	3.21	ng	#	88
28) Chrysene	21.75	228	219811	2.86	ng	#	69
29) Bis(2-ethylhexyl)phthalate	21.61	149	609	0.25	ng	#	50
30) Indeno(1,2,3-cd)pyrene	26.53	276	60735	0.73	ng		97
32) Benzo(b)fluoranthene	23.34	252	43881	2.26	ng		99
33) Benzo(k)fluoranthene	23.34	252	43881	2.25	ng		97
34) Benzo(a)pyrene	23.95	252	24473	1.34	ng		98
35) Dibenzo(a,h)anthracene	26.53	278	3870	0.22	ng	#	78
36) Benzo(g,h,i)perylene	27.30	276	66142	0.88	ng		96

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

Quantitation Report (Not Reviewed)

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SB-01B

Quant Time: Feb 01 02:24:28 2017
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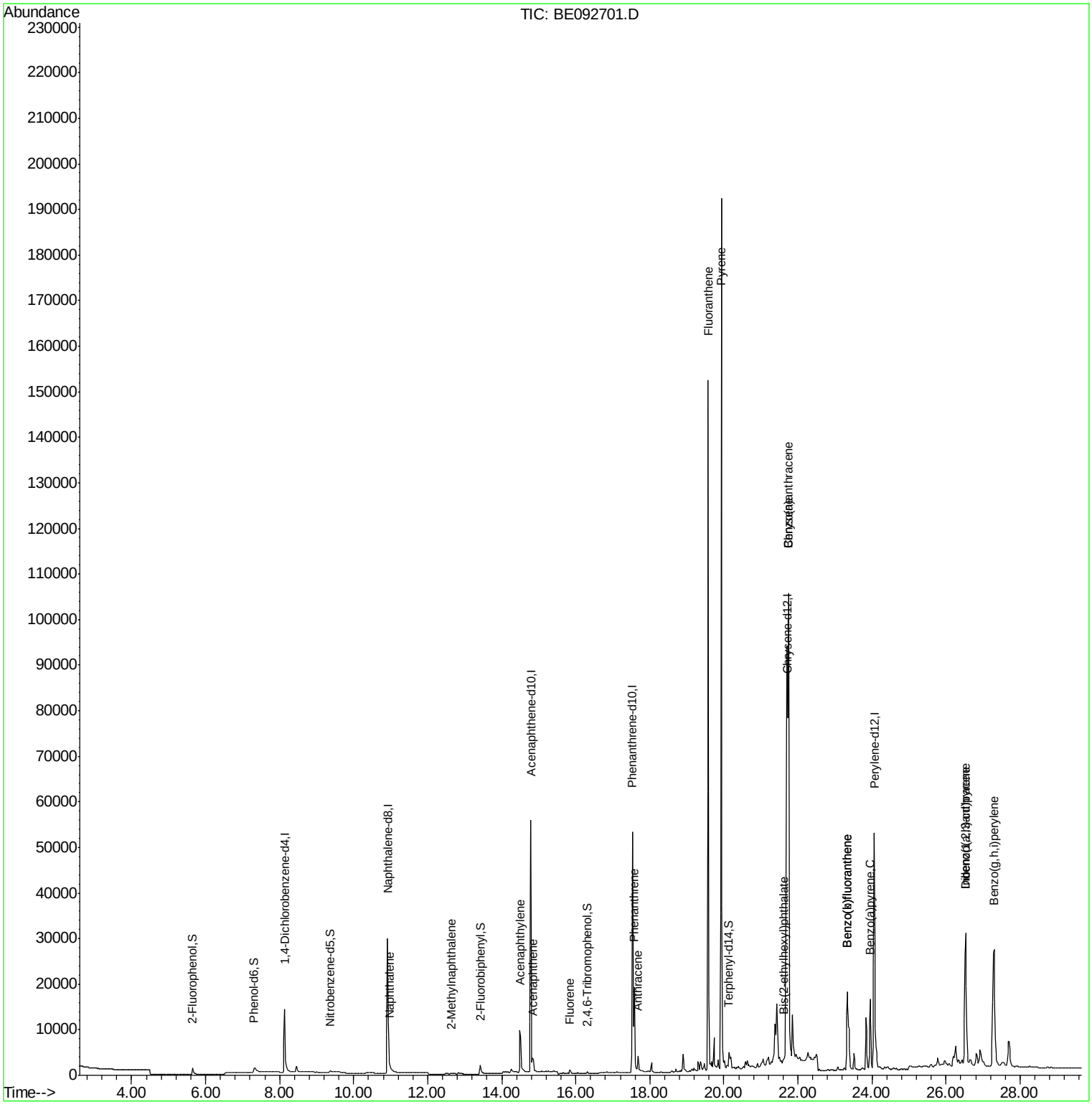
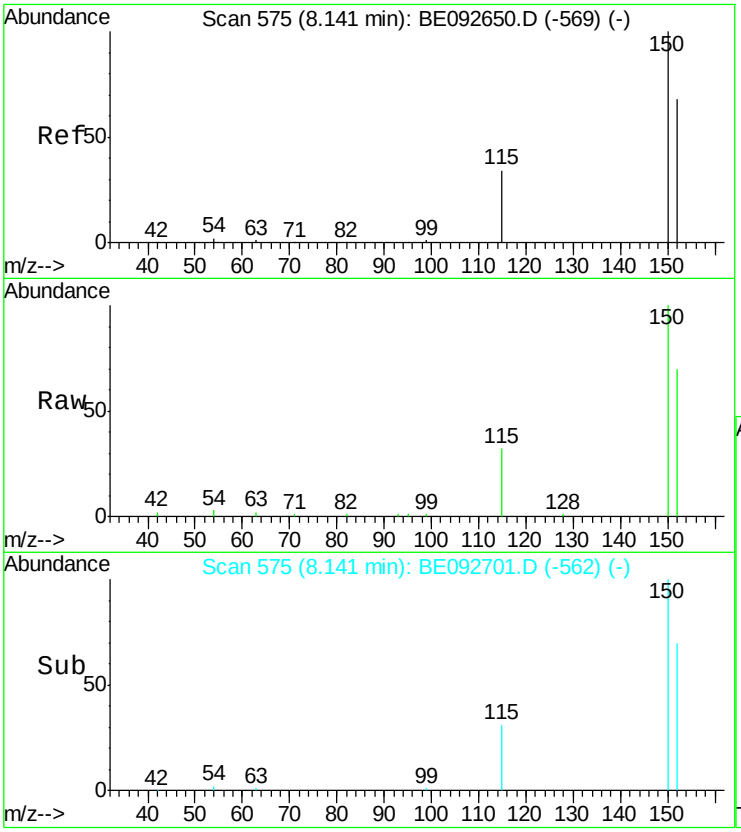
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration



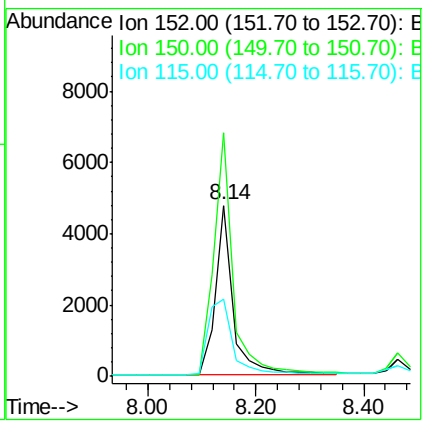


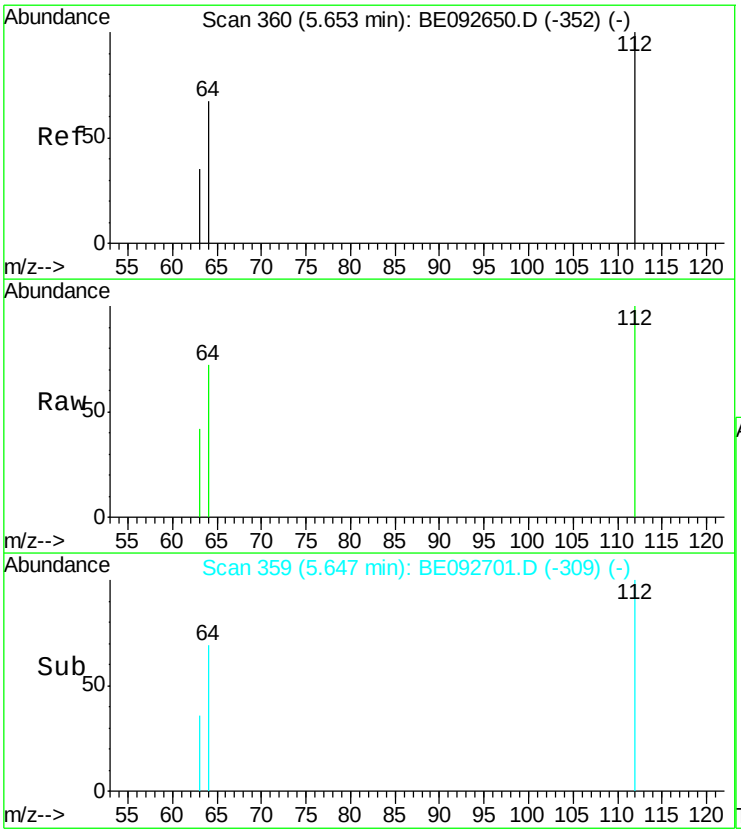
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:152 Resp: 10878

Ion	Ratio	Lower	Upper
152	100		
150	142.2	106.0	159.0
115	45.3	31.2	46.8

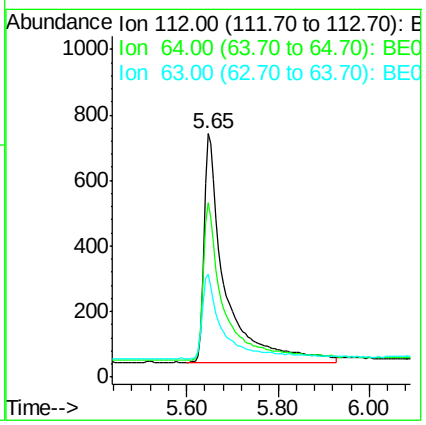


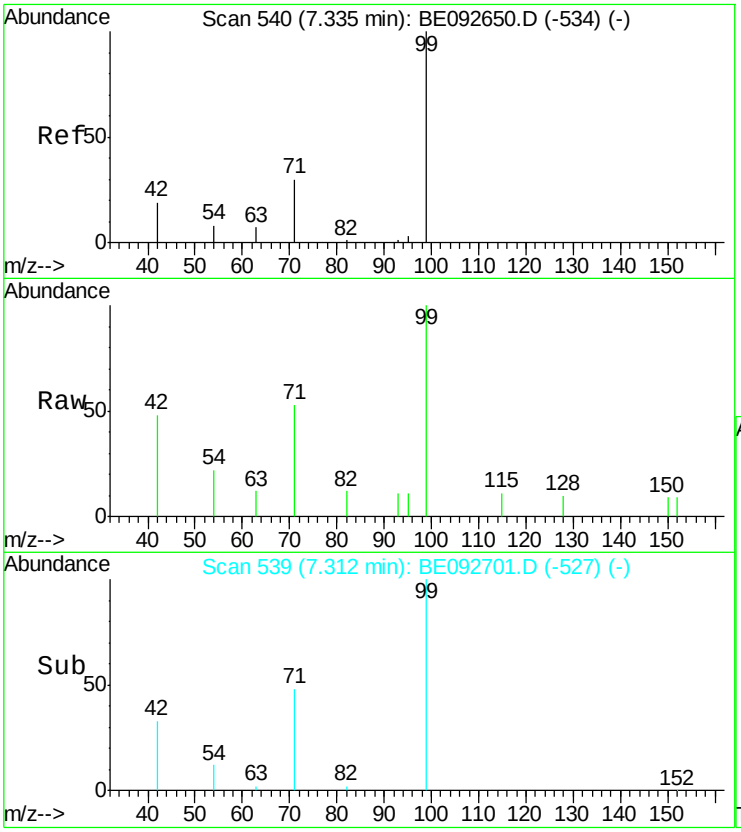


#4
2-Fluorophenol
Concen: 0.92 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.01 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:112 Resp: 2239

Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.5	80.3
63	34.3	27.9	41.9



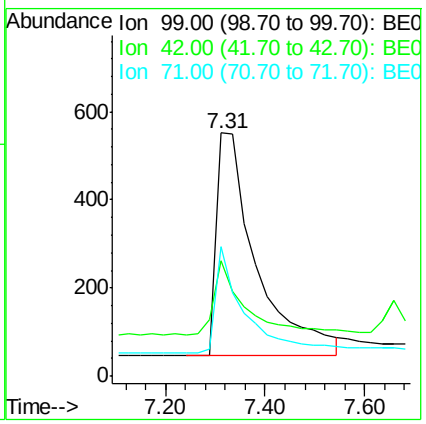


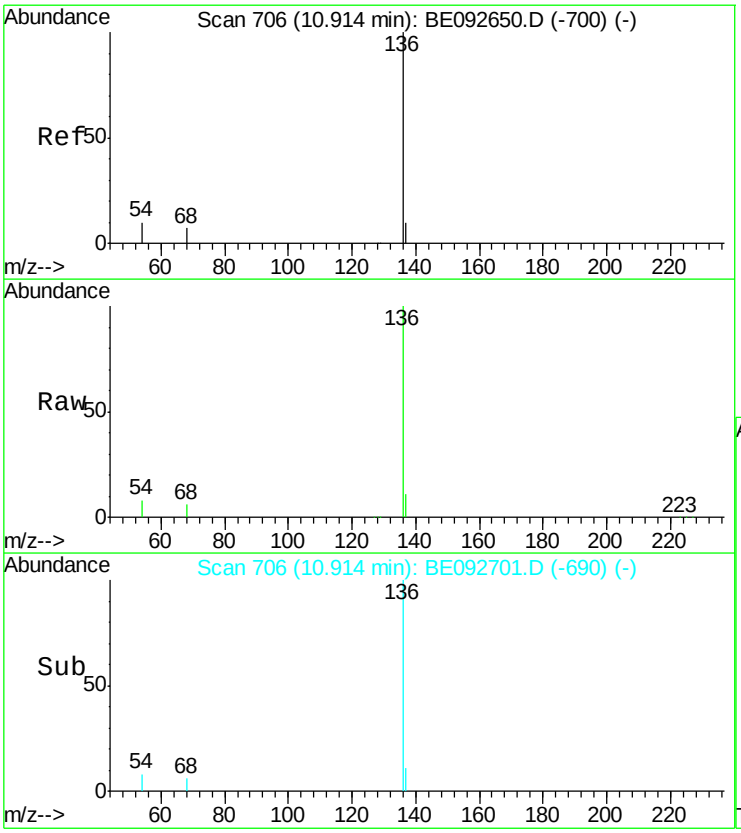
#5
Phenol-d6
Concen: 0.95 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion: 99 Resp: 2825

Ion	Ratio	Lower	Upper
99	100		
42	25.5	16.0	24.0#
71	35.2	30.6	45.8

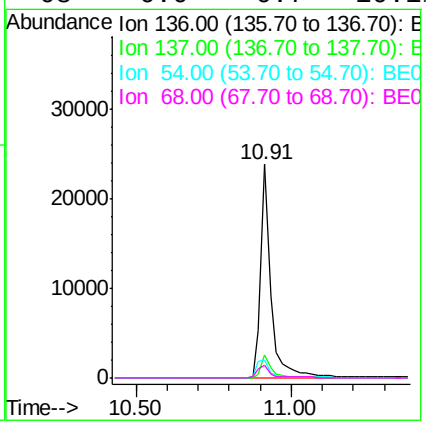


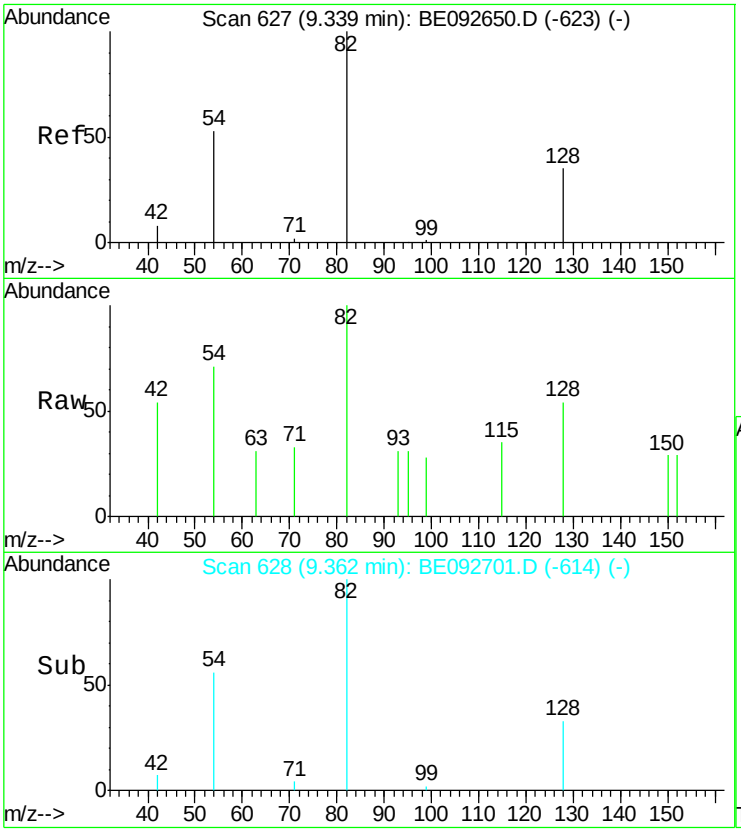


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:136 Resp: 53944

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	8.2	9.6	14.4#
68	6.0	6.7	10.1#



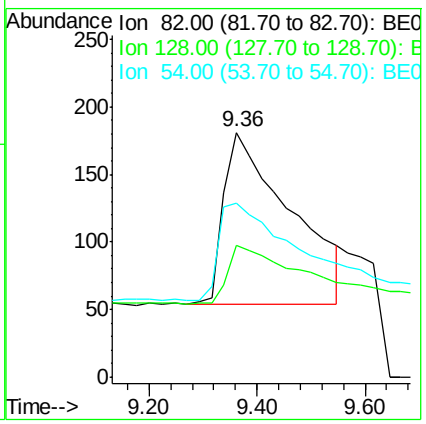


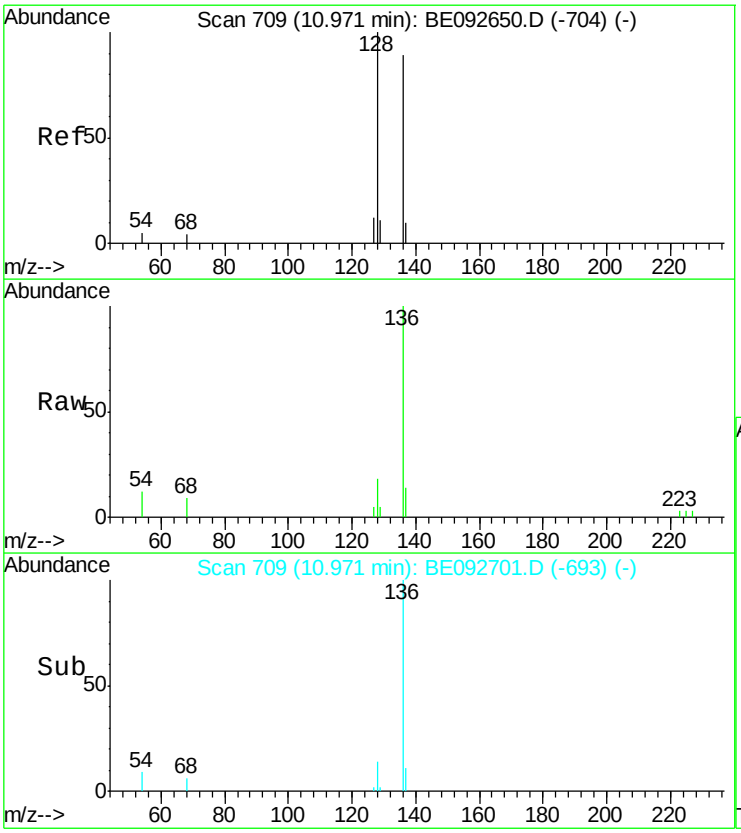
#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.02 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion: 82 Resp: 1085

Ion	Ratio	Lower	Upper
82	100		
128	53.6	39.0	58.4
54	71.3	44.8	67.2#

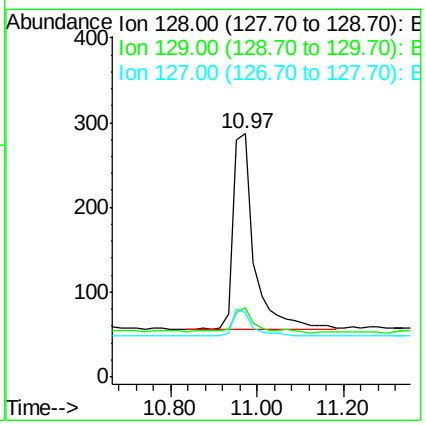


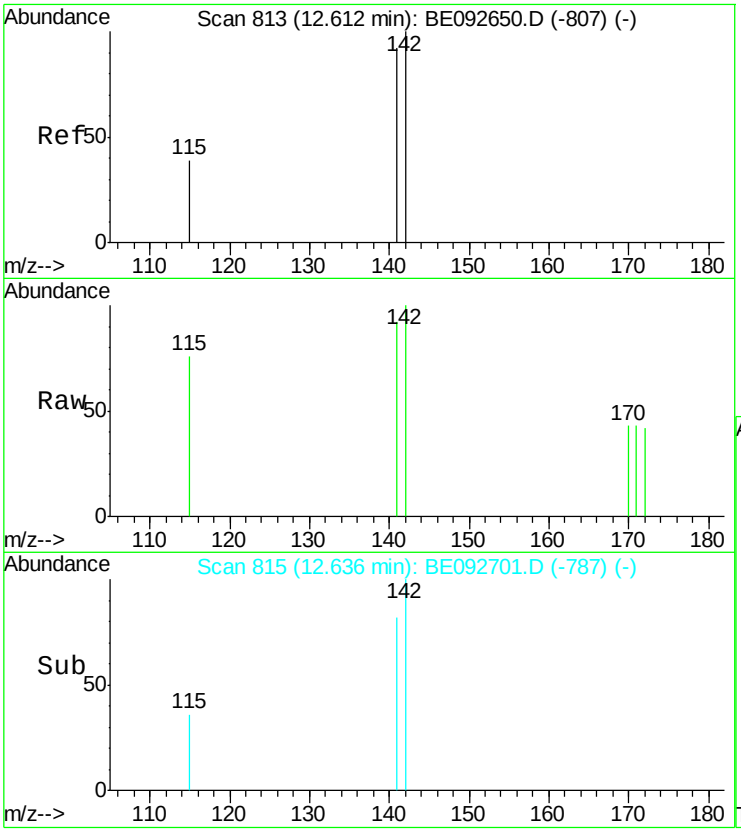


#9
Naphthalene
Concen: 0.07 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:128 Resp: 781

Ion	Ratio	Lower	Upper
128	100		
129	28.2	11.2	16.8#
127	26.5	11.6	17.4#



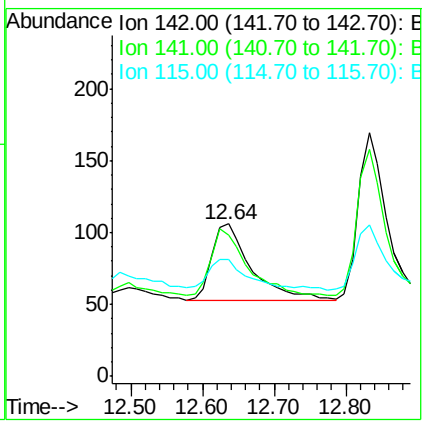


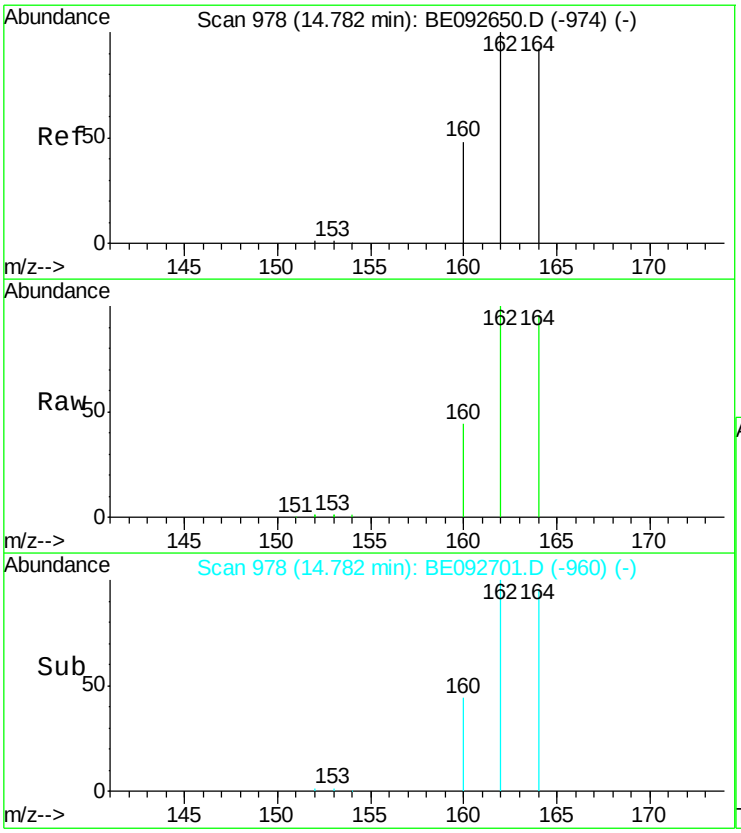
#11
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.64 min Scan# 815
Delta R.T. 0.02 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:142 Resp: 203

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.7	110.5
115	76.4	34.0	51.0#

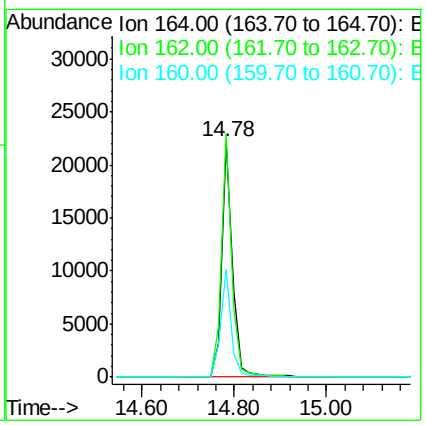


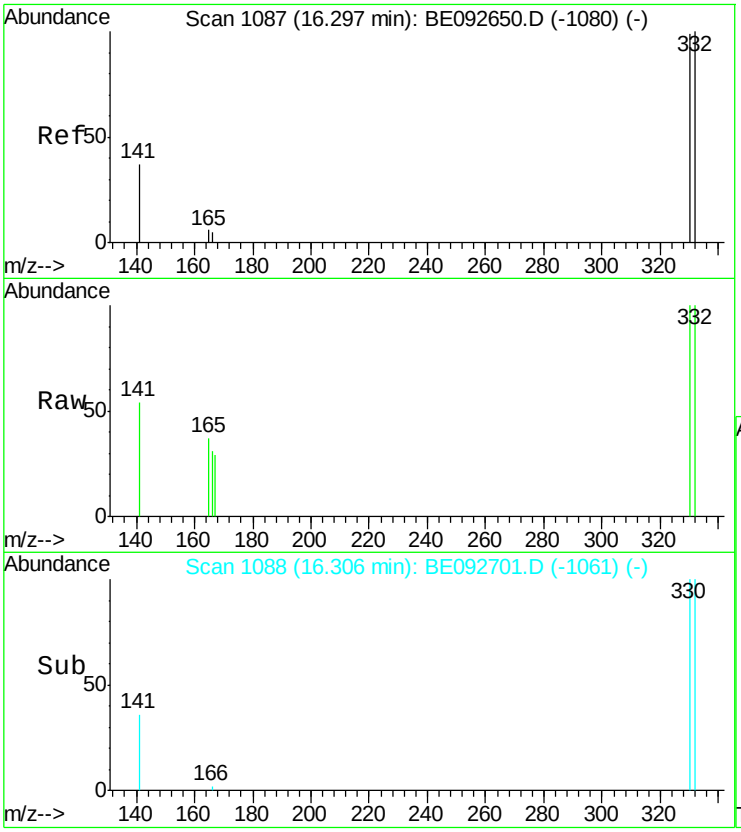


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:164 Resp: 35977

Ion	Ratio	Lower	Upper
164	100		
162	103.8	71.4	107.0
160	45.8	27.4	41.2#



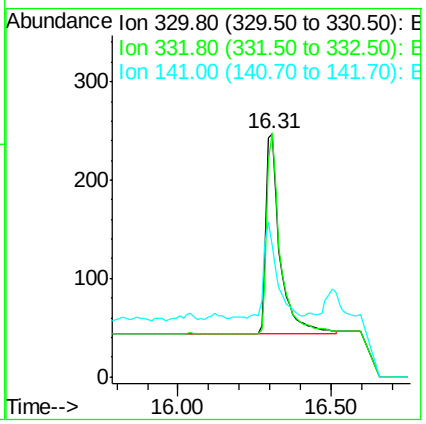


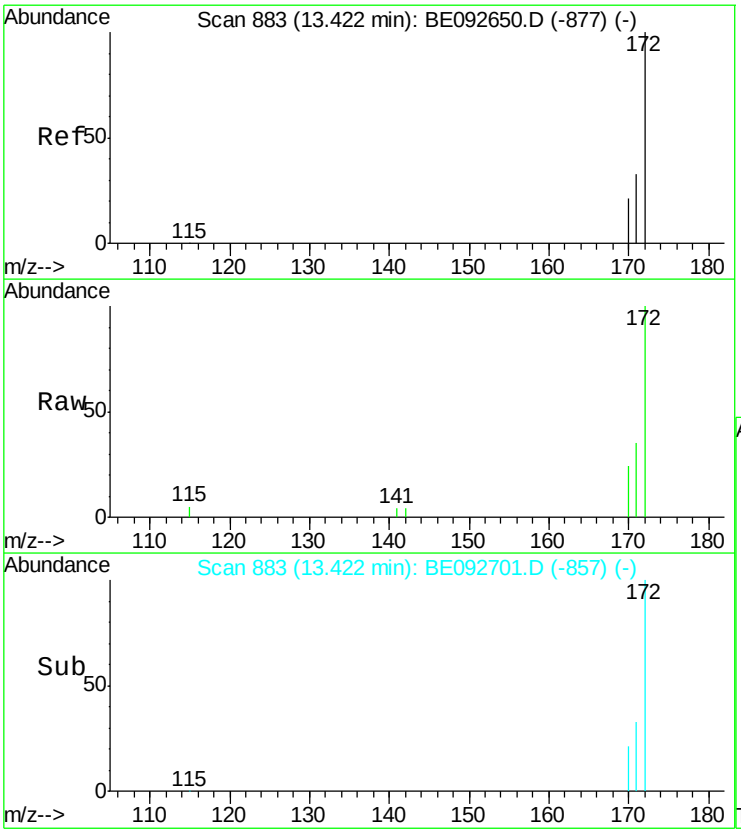
#13
2,4,6-Tribromophenol
Concen: 0.73 ng
RT: 16.31 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:330 Resp: 643

Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.4	113.0
141	44.3	31.0	46.6

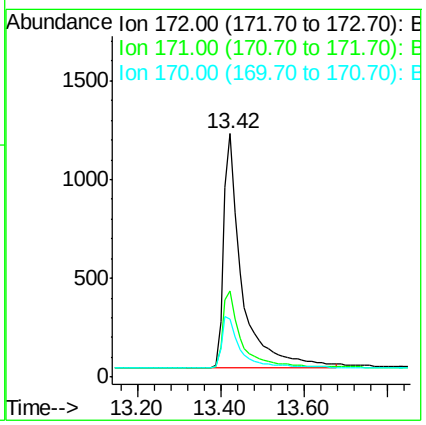


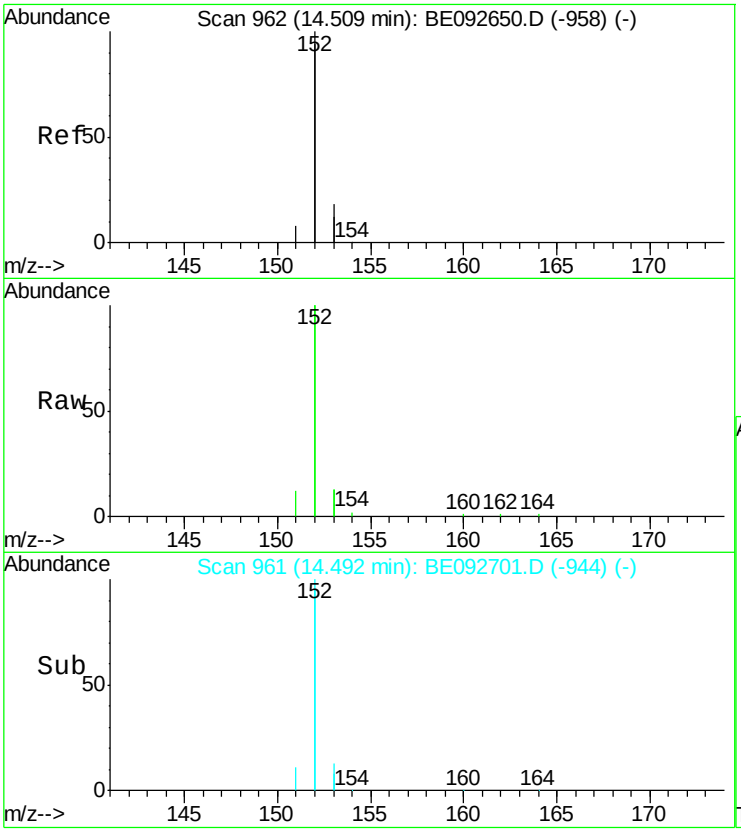


#14
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.42 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:172 Resp: 3661

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.1	45.1
170	24.0	21.8	32.6



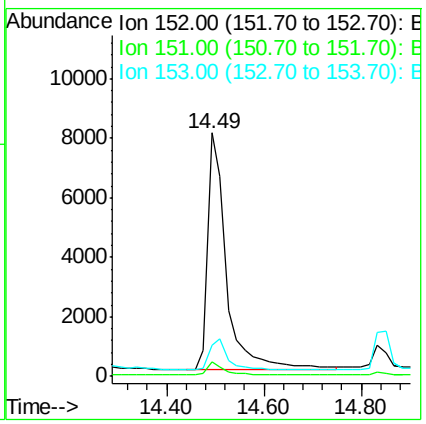


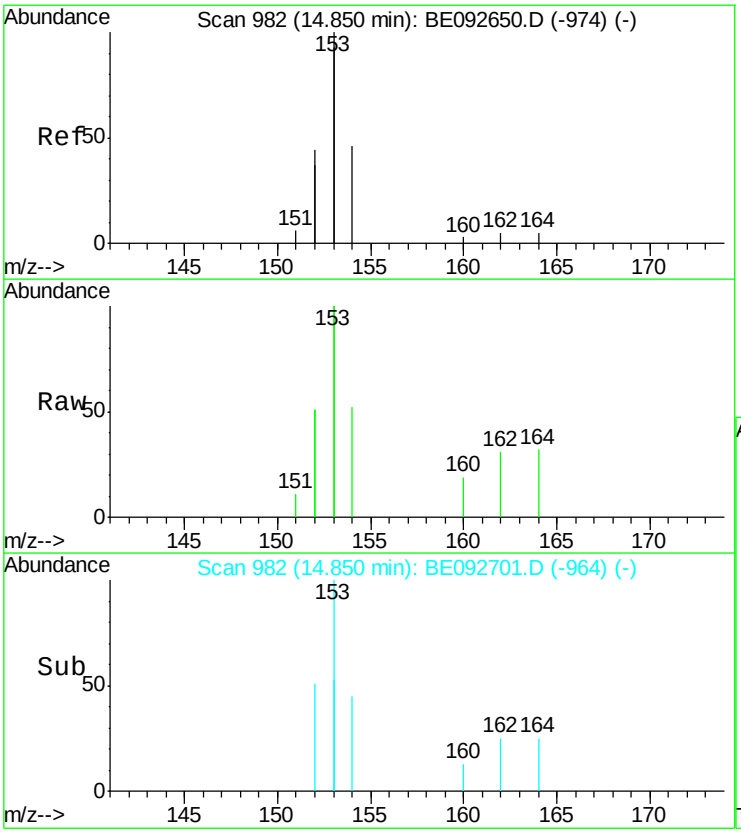
#15
Acenaphthylene
Concen: 0.43 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:152 Resp: 21460

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.6	10.4	15.6

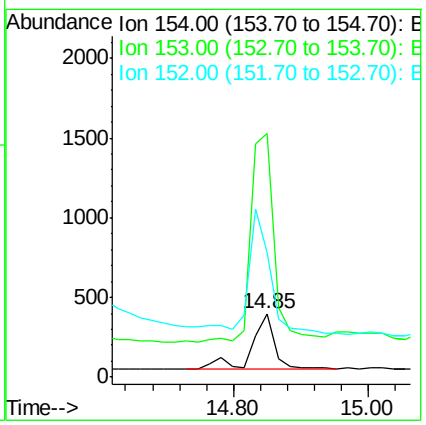


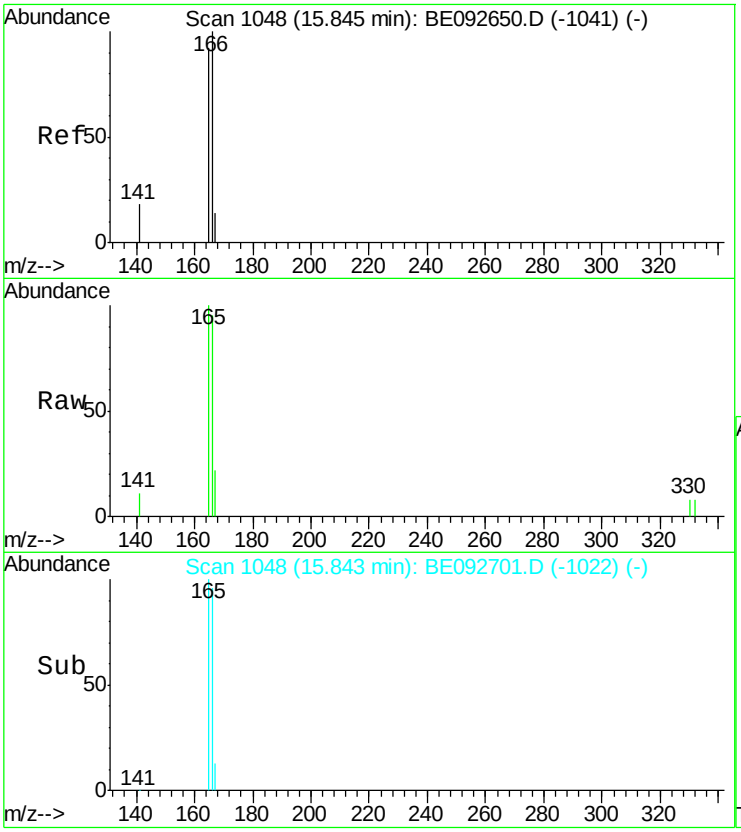


#16
Acenaphthene
Concen: 0.10 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:154 Resp: 814

Ion	Ratio	Lower	Upper
154	100		
153	381.9	350.8	526.2
152	202.9	171.1	256.7



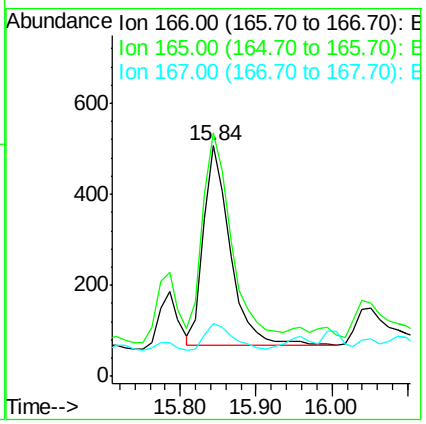


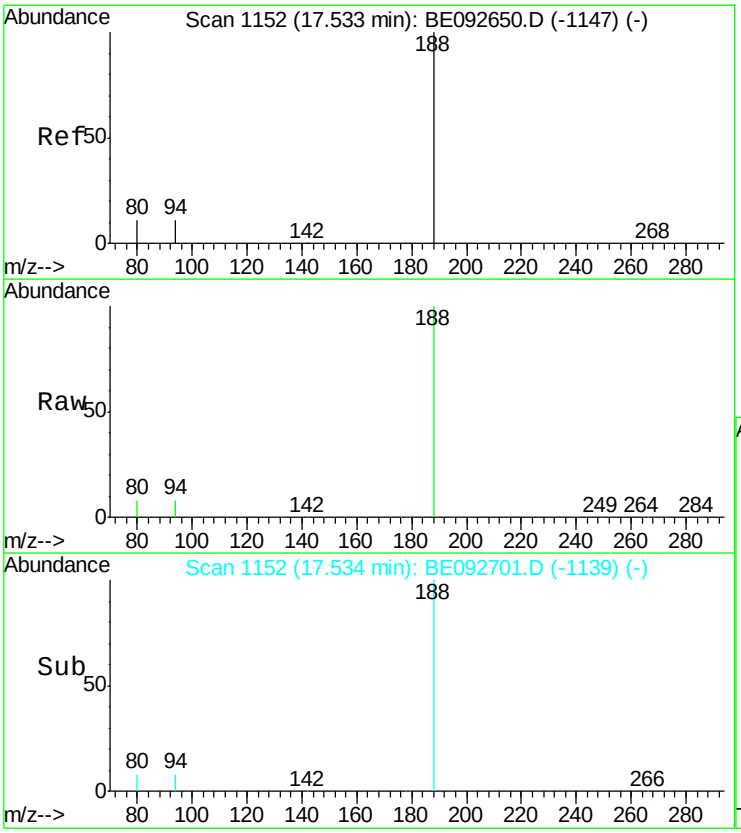
#17
Fluorene
Concen: 0.11 ng
RT: 15.84 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:166 Resp: 1065

Ion	Ratio	Lower	Upper
166	100		
165	105.1	78.2	117.4
167	13.8	11.0	16.4

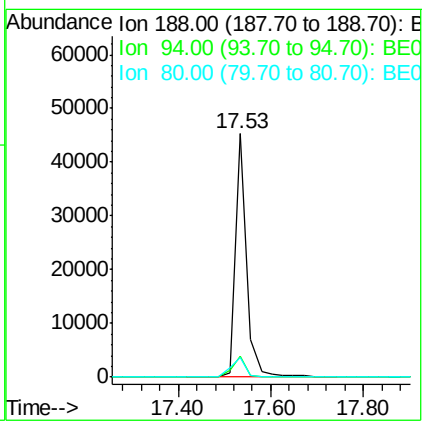


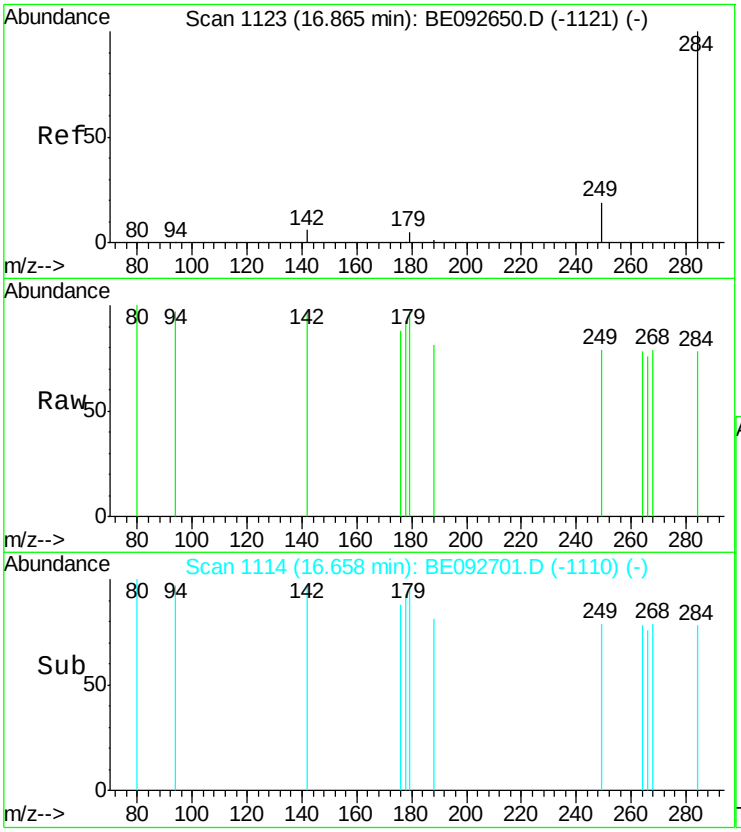


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:188 Resp: 76467

Ion	Ratio	Lower	Upper
188	100		
94	8.3	3.2	4.8#
80	7.9	2.6	3.8#



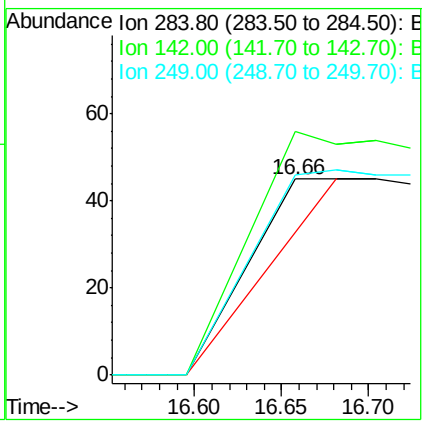


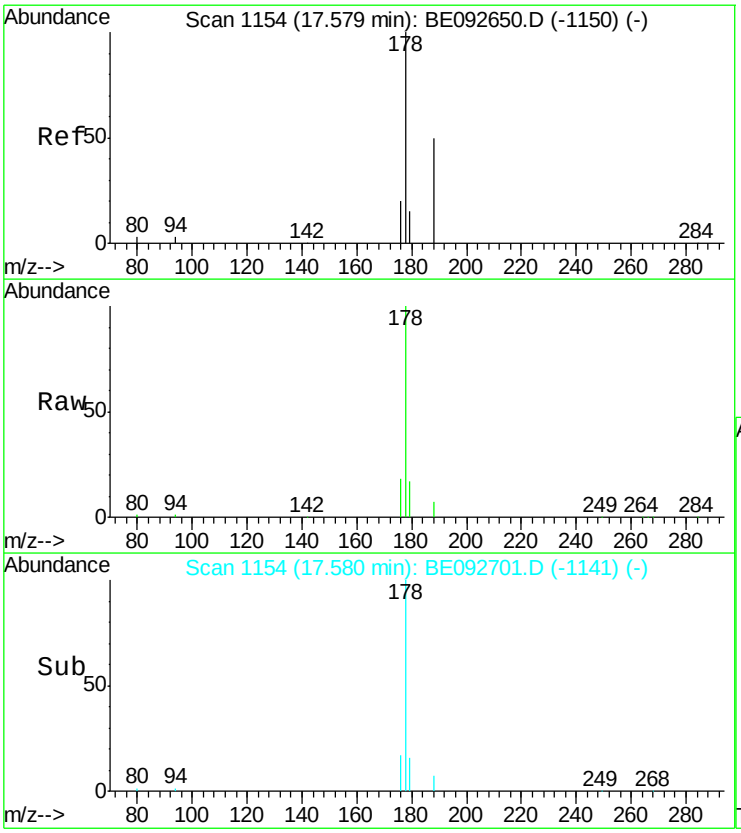
#19
Hexachlorobenzene
Concen: Below Cal
RT: 16.66 min Scan# 1114
Delta R.T. -0.21 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:284 Resp: 116

Ion	Ratio	Lower	Upper
284	100		
142	368.1	29.1	43.7#
249	0.0	27.9	41.9#

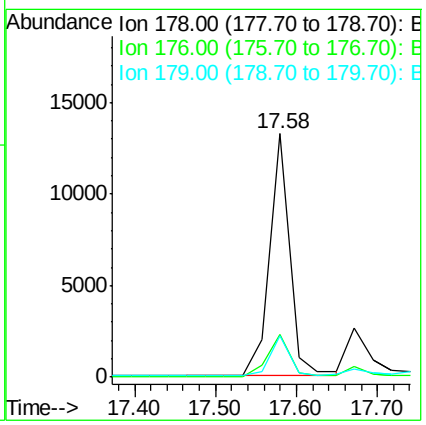


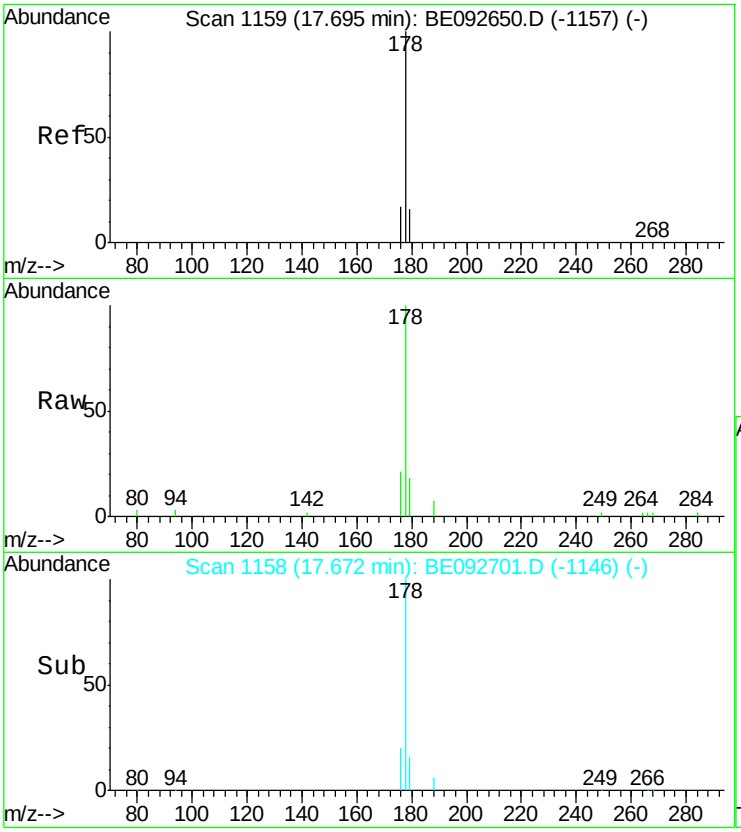


#21
Phenanthrene
Concen: 1.37 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:178 Resp: 23171

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.1	16.0	24.0



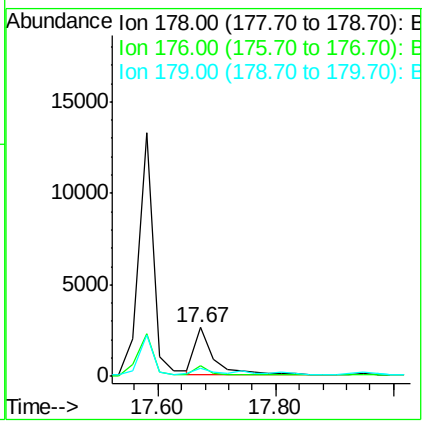


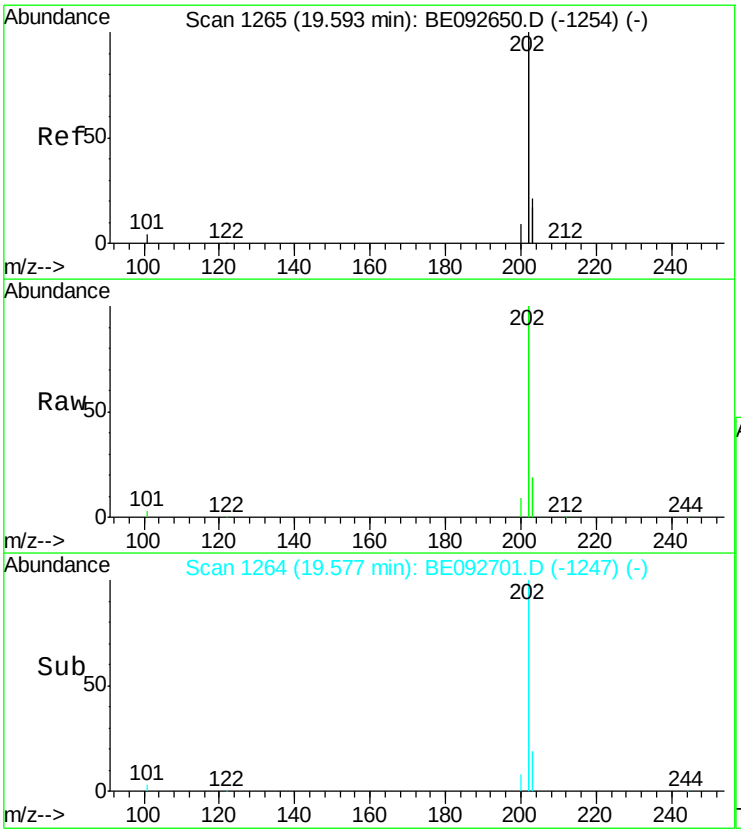
#22
Anthracene
Concen: 0.38 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:178 Resp: 5876

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	13.2	12.2	18.2

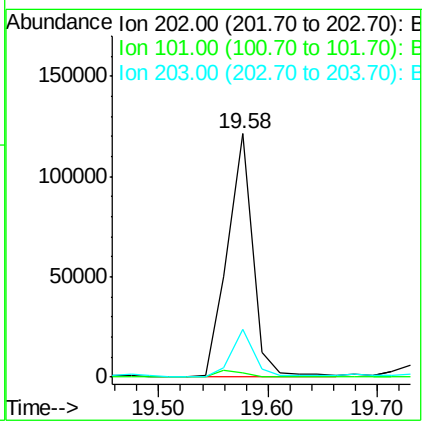


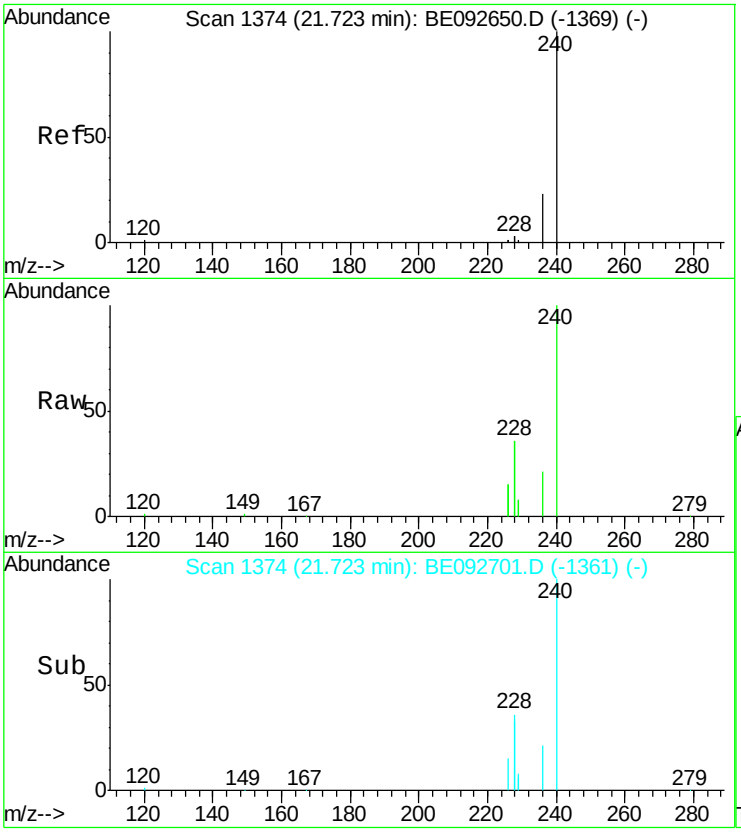


#23
Fluoranthene
Concen: 2.56 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:202 Resp: 191301

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	16.9	13.7	20.5



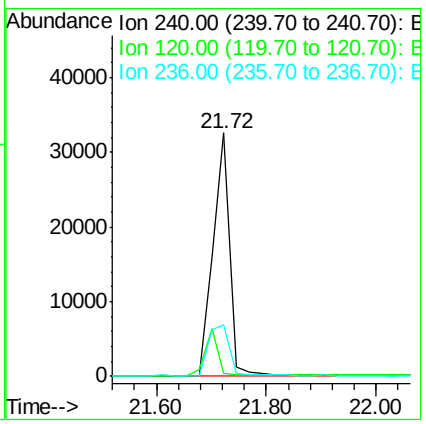


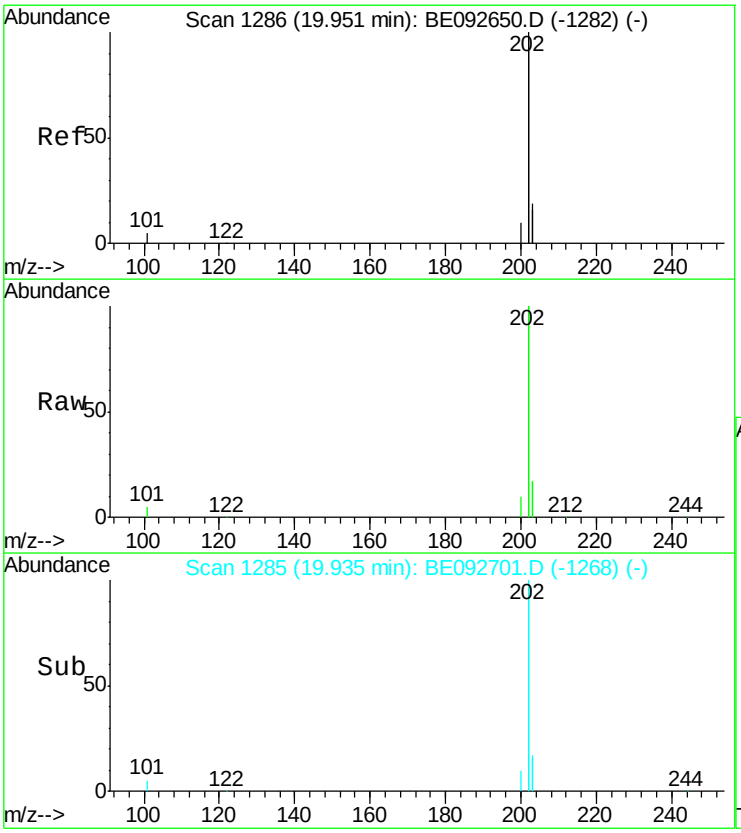
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:240 Resp: 69464

Ion	Ratio	Lower	Upper
240	100		
120	1.0	2.6	4.0#
236	21.3	24.6	37.0#

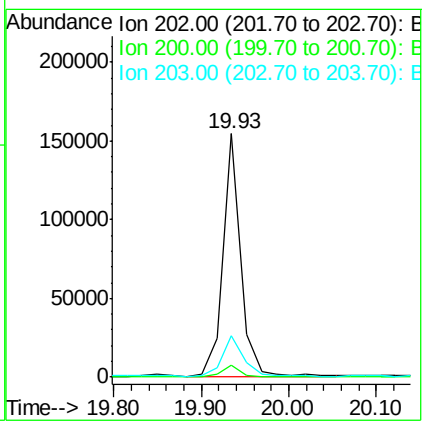


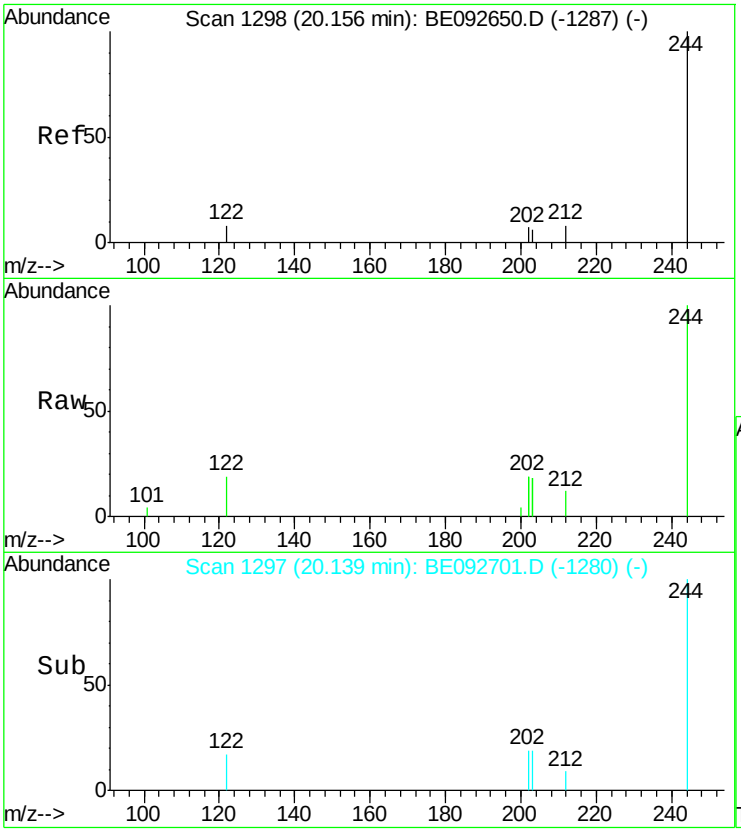


#25
Pyrene
Concen: 3.16 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:202 Resp: 216392

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	20.7	13.9	20.9



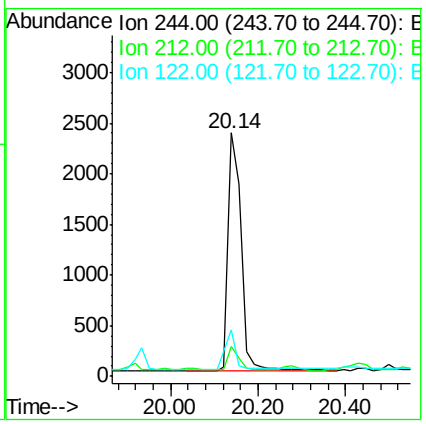


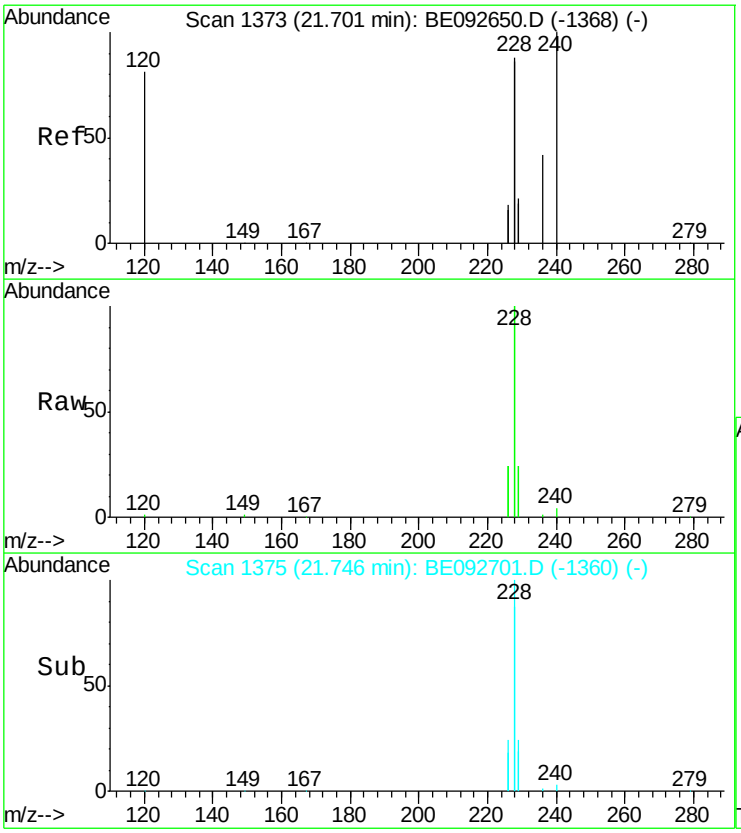
#26
Terphenyl-d14
Concen: 0.49 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:244 Resp: 4804

Ion	Ratio	Lower	Upper
244	100		
212	12.1	6.7	10.1#
122	19.2	3.6	5.4#

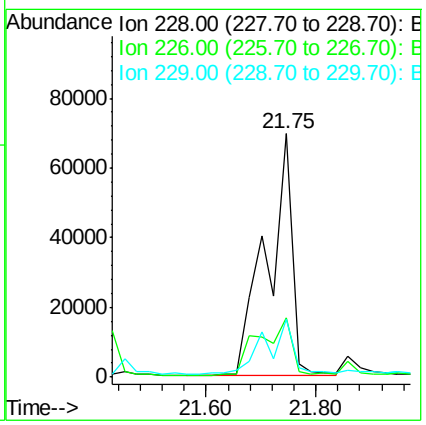


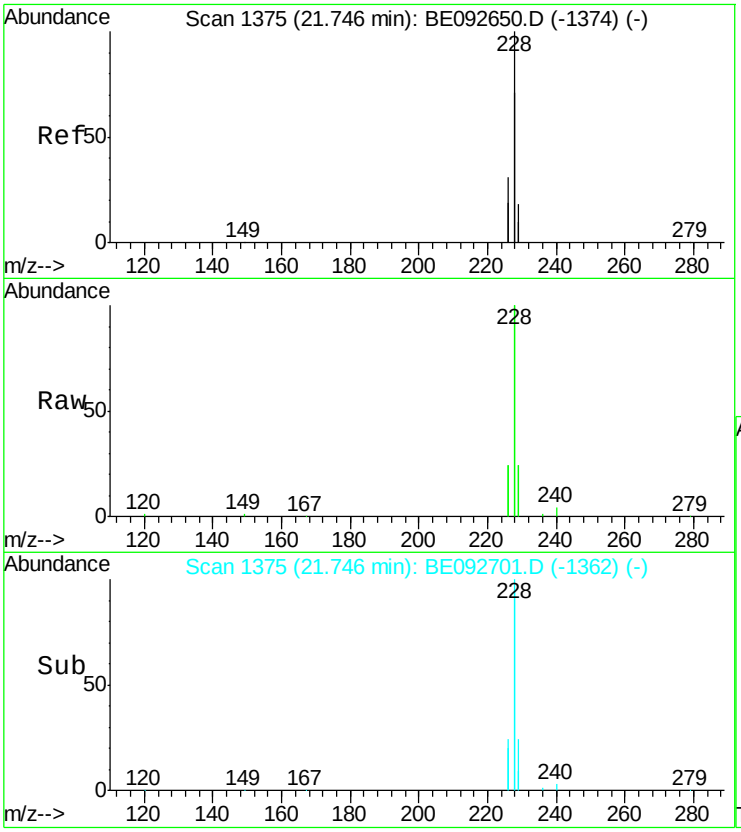


#27
Benzo(a)anthracene
Concen: 3.21 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:228 Resp: 219811

Ion	Ratio	Lower	Upper
228	100		
226	24.2	23.6	35.4
229	23.9	13.3	19.9#



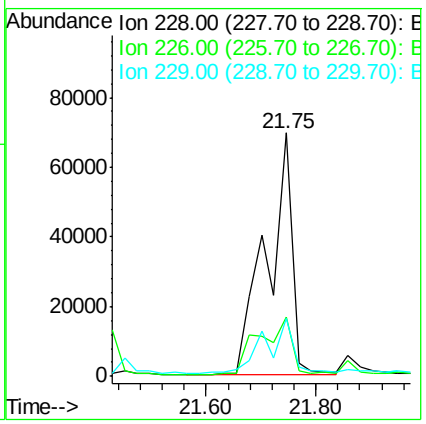


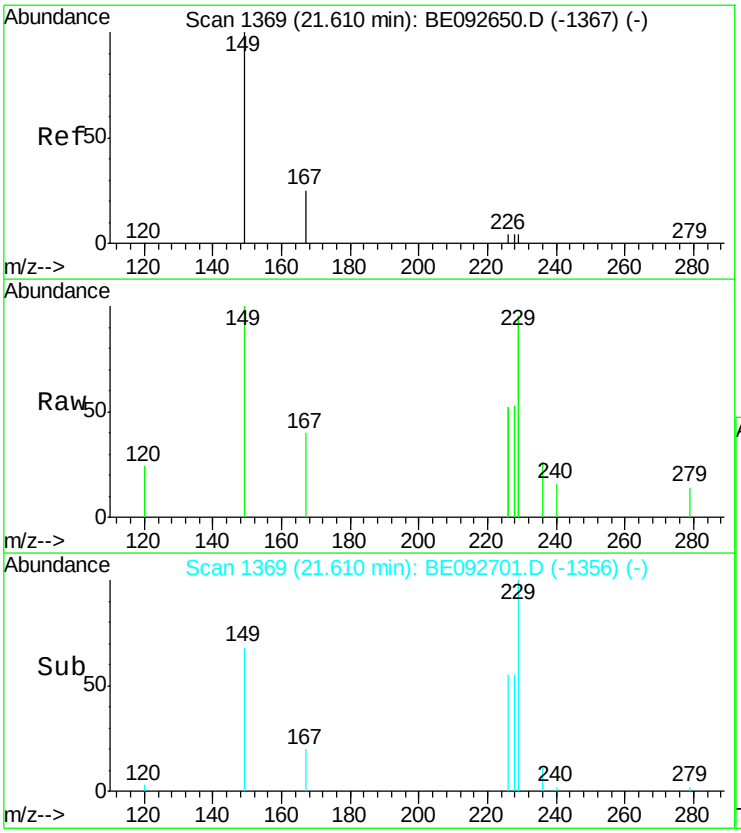
#28
Chrysene
Concen: 2.86 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:228 Resp: 219811

Ion	Ratio	Lower	Upper
228	100		
226	24.2	36.3	54.5#
229	23.9	10.6	16.0#

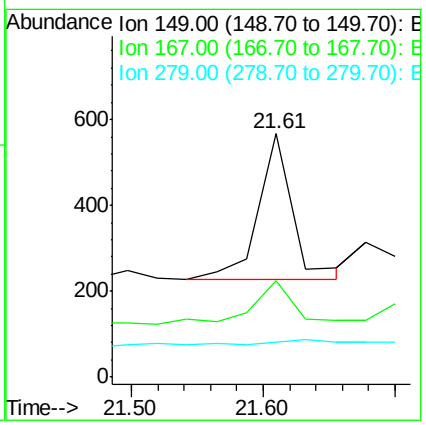


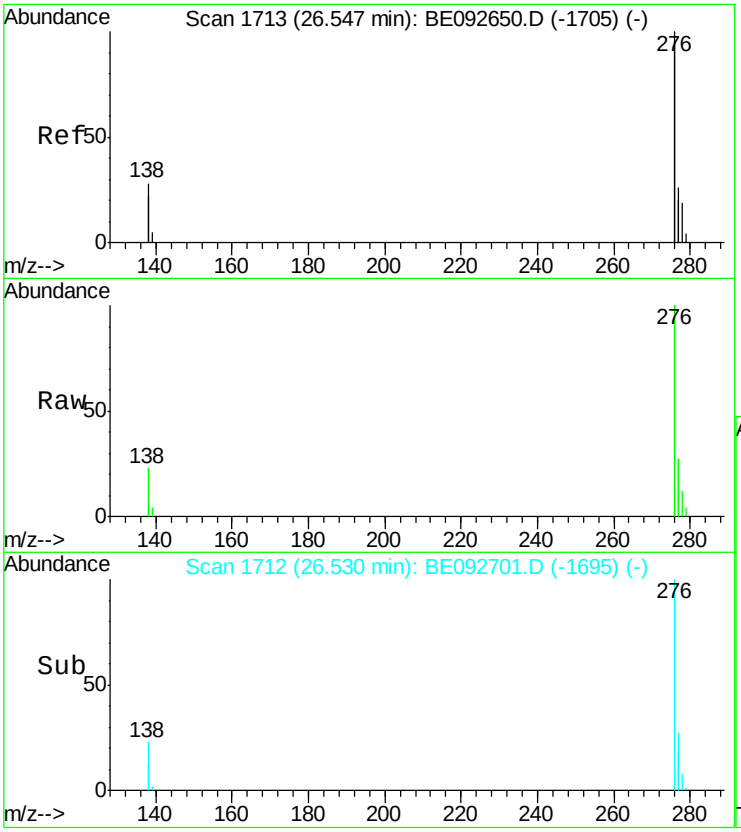


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:149 Resp: 609

Ion	Ratio	Lower	Upper
149	100		
167	46.1	16.0	24.0#
279	0.0	16.0	24.0#



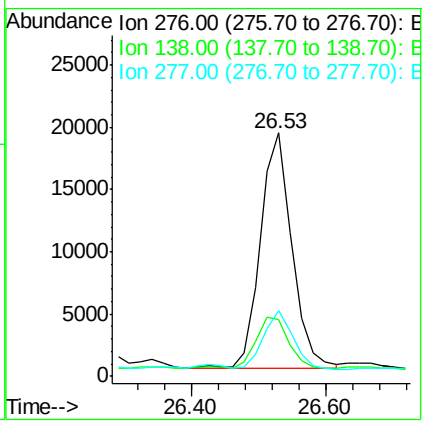


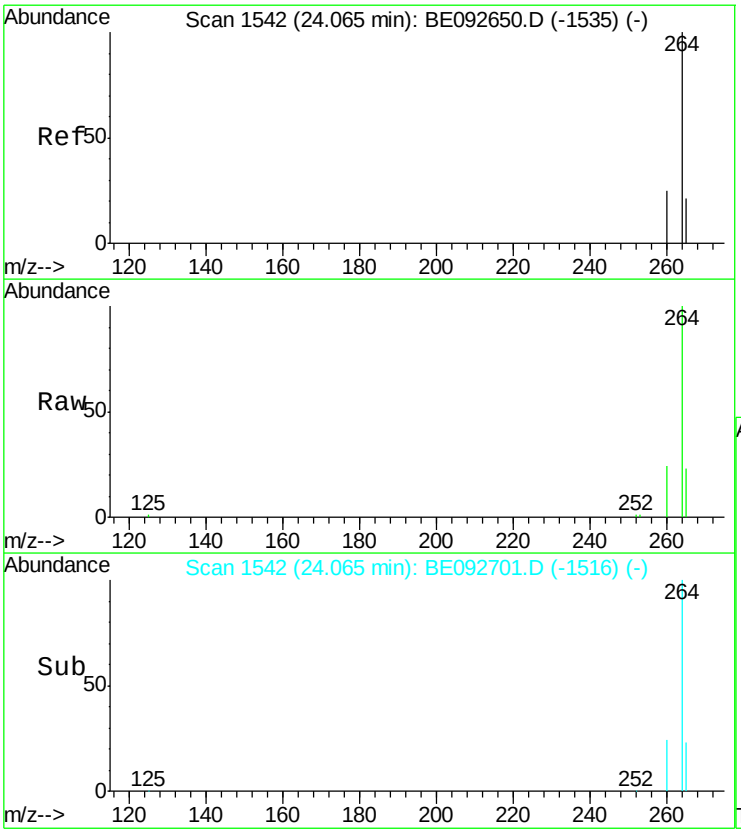
#30
Indeno(1,2,3-cd)pyrene
Concen: 0.73 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:276 Resp: 60735

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.3	30.5
277	23.5	19.7	29.5

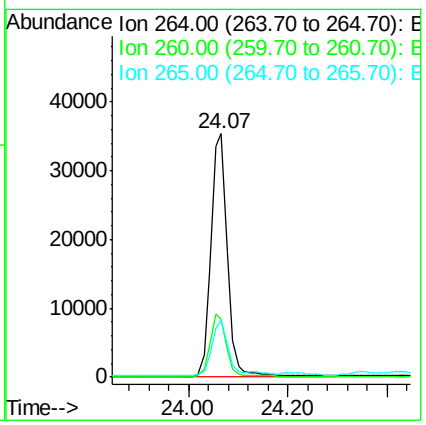


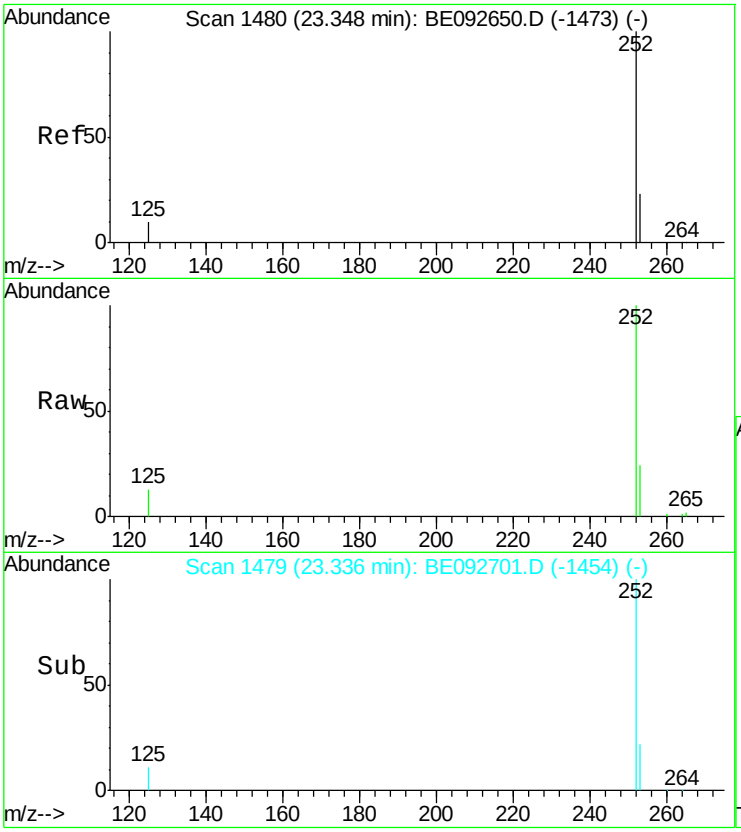


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:264 Resp: 80427

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	23.2	17.9	26.9



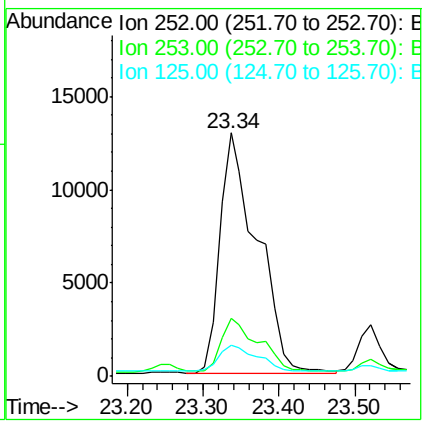


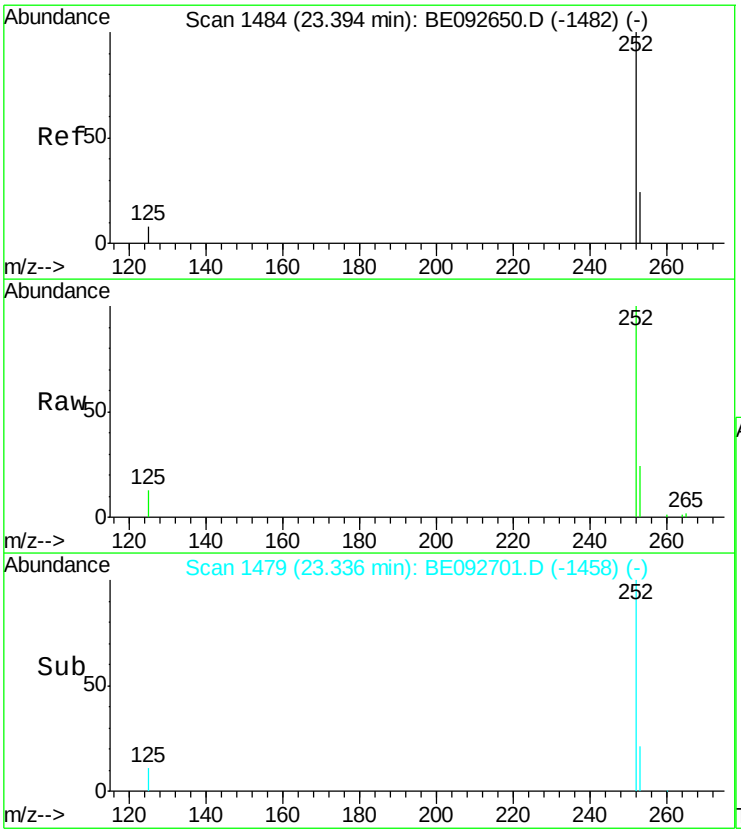
#32
Benzo(b)fluoranthene
Concen: 2.26 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:252 Resp: 43881

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	13.0	10.5	15.7

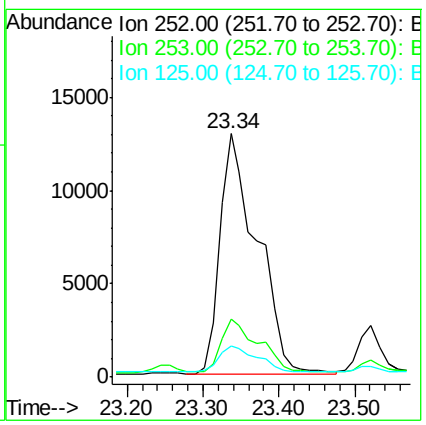


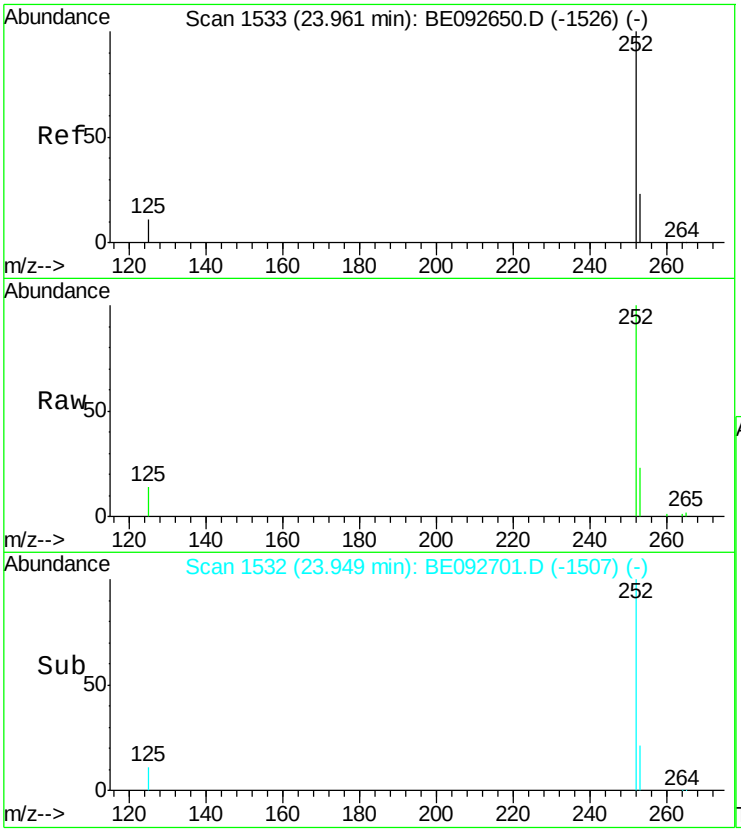


#33
Benzo(k)fluoranthene
Concen: 2.25 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.06 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:252 Resp: 43881

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	13.0	9.6	14.4



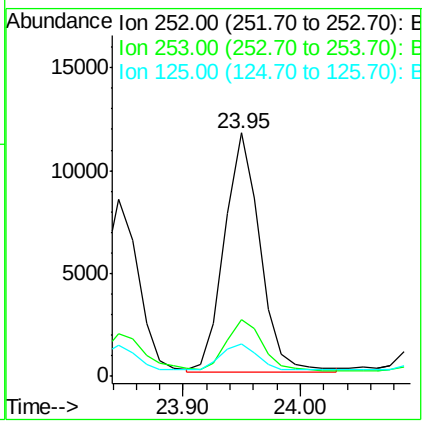


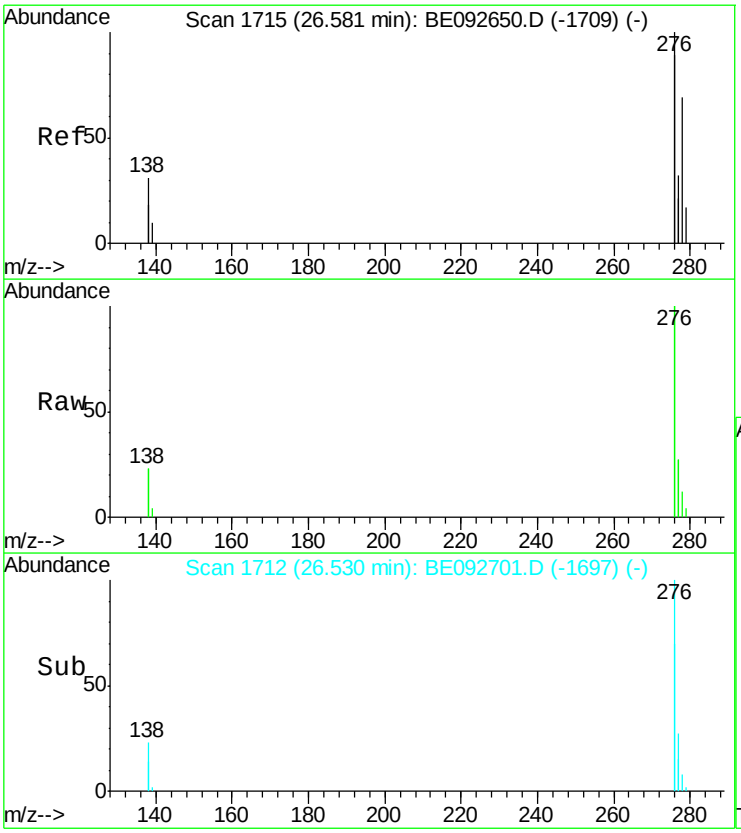
#34
Benzo(a)pyrene
Concen: 1.34 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:252 Resp: 24473

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	13.5	11.8	17.8

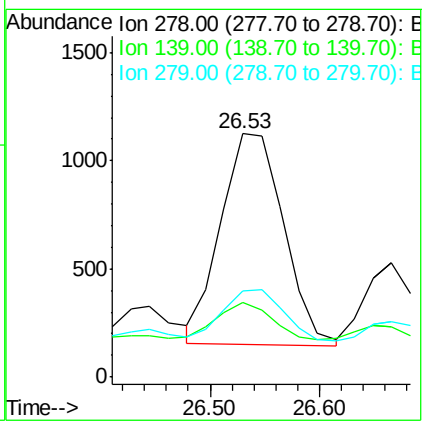


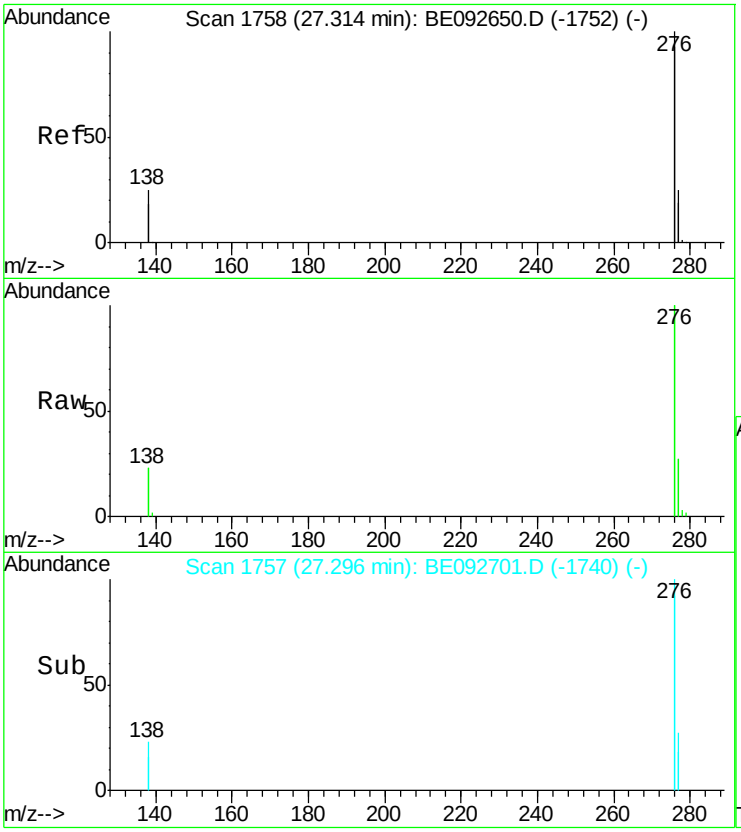


#35
Dibenzo(a,h)anthracene
Concen: 0.22 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.05 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Tgt Ion:278 Resp: 3870

Ion	Ratio	Lower	Upper
278	100		
139	30.6	13.8	20.8#
279	35.4	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.88 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092701.D
Acq: 31 Jan 2017 23:58

Instrument :
BNA_E
ClientSampleId :
SB-01B

Tgt Ion:276 Resp: 66142

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.8	29.8
138	23.0	19.8	29.6