Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092679.D
Acq On : 24 Jan 2017 23:33
Operator : UM/SJ
Sample : I1378-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 25 11:09:49 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	11153	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	55735	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	37712	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	78429	5.00	ng		0.00
24) Chrysene-d12	21.72	240	82443	5.00	ng		0.00
31) Perylene-d12	24.07	264	81037	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	1963	0.79	ng		0.00
5) Phenol-d6	7.34	99	2438	0.80	ng		0.00
8) Nitrobenzene-d5	9.36	82	940	0.26	ng		0.02
13) 2,4,6-Tribromophenol	16.31	330	592	0.65	ng		0.01
14) 2-Fluorobiphenyl	13.42	172	3402	0.37	ng		0.00
26) Terphenyl-d14	20.16	244	4644	0.40	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.97	128	587	0.05	ng	#	62
15) Acenaphthylene	14.51	152	2478	0.05	ng		99
16) Acenaphthene	14.85	154	411	0.05	ng	#	83
17) Fluorene	15.86	166	592	0.06	ng		98
19) Hexachlorobenzene	16.75	284	480	0.10	ng	#	39
21) Phenanthrene	17.58	178	4705	0.27	ng		96
22) Anthracene	17.58	178	4705	0.29	ng		98
23) Fluoranthene	19.58	202	25376	0.33	ng		99
25) Pyrene	19.93	202	22394	0.28	ng	#	90
27) Benzo(a)anthracene	21.75	228	22381	0.28	ng	#	89
28) Chrysene	21.75	228	22381	0.24	ng	#	79
29) Bis(2-ethylhexyl)phthalate	21.66	149	10328	0.82	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.55	276	6081	0.06	ng		95
32) Benzo(b)fluoranthene	23.35	252	4283	0.22	ng	#	64
33) Benzo(k)fluoranthene	23.35	252	4283	0.22	ng	#	68
34) Benzo(a)pyrene	23.95	252	2368	0.13	ng	#	69
36) Benzo(g,h,i)perylene	27.31	276	6845	0.09	ng	#	75

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092679.D
Acq On : 24 Jan 2017 23:33
Operator : UM/SJ
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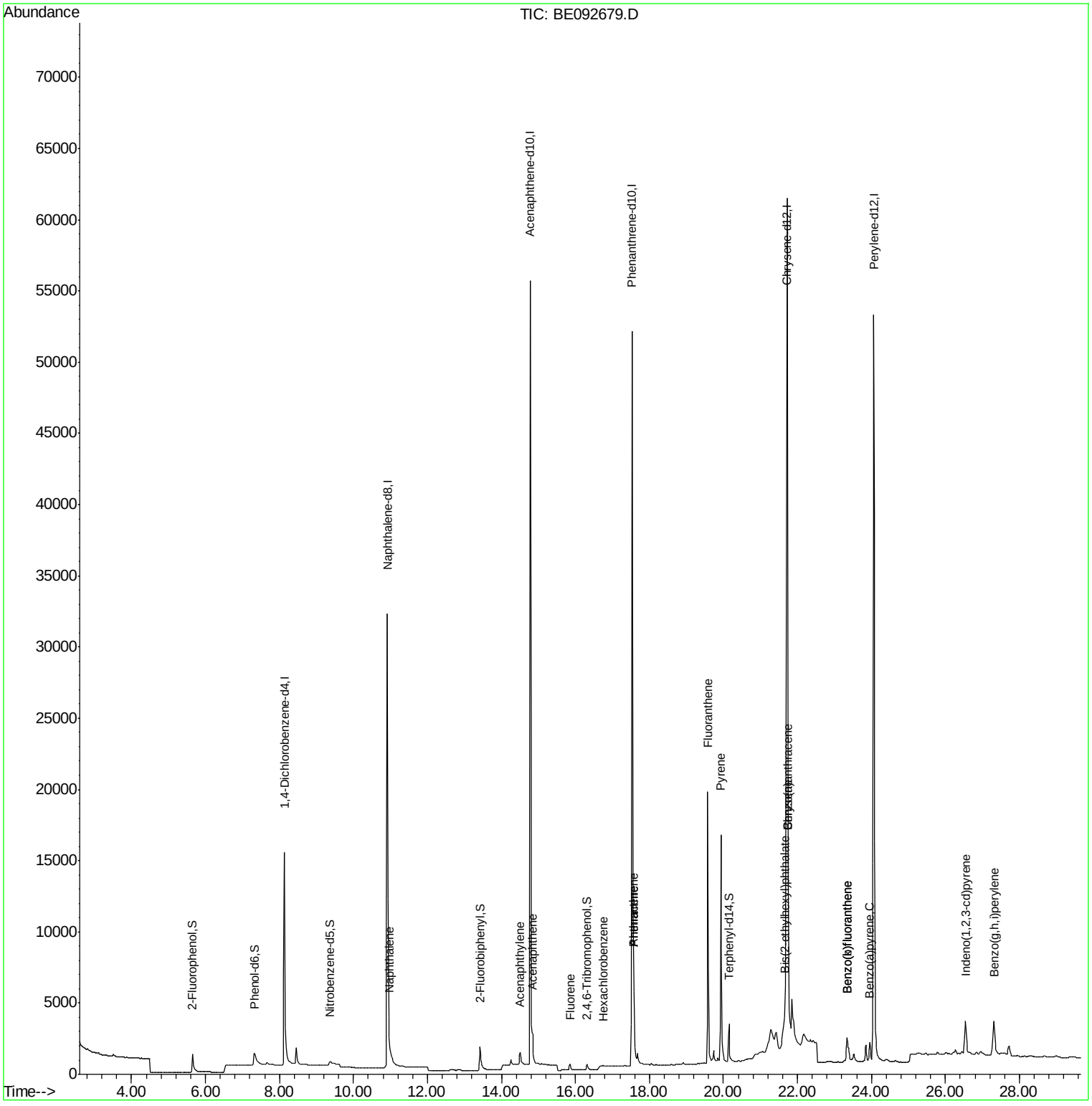
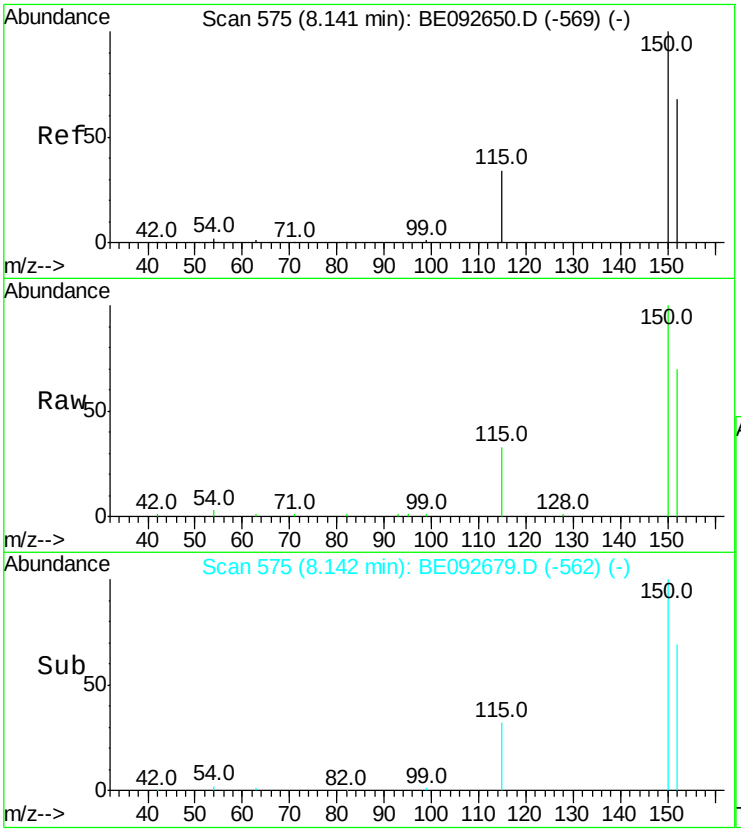
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 25 11:09:49 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



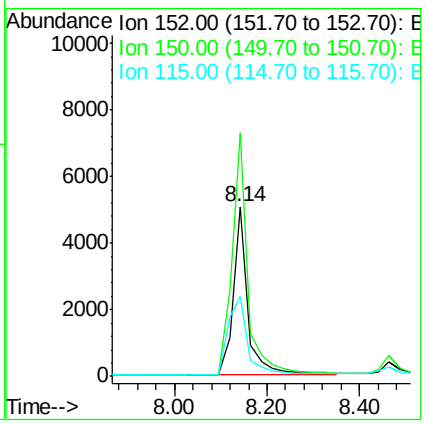


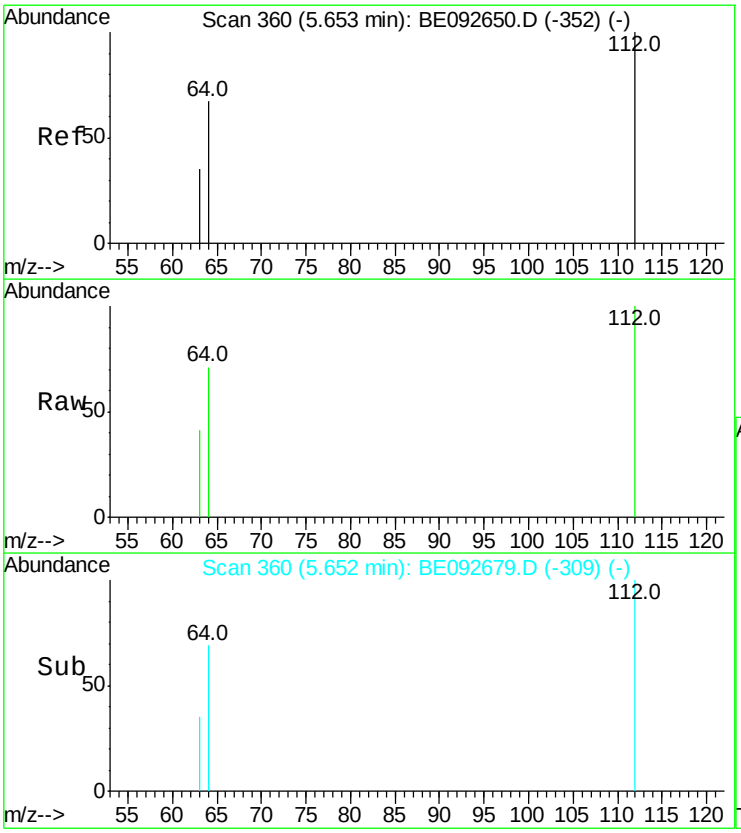
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11153

Ion	Ratio	Lower	Upper
152	100		
150	143.7	106.0	159.0
115	47.1	31.2	46.8#

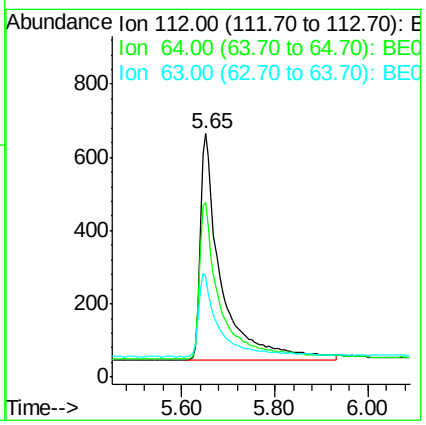


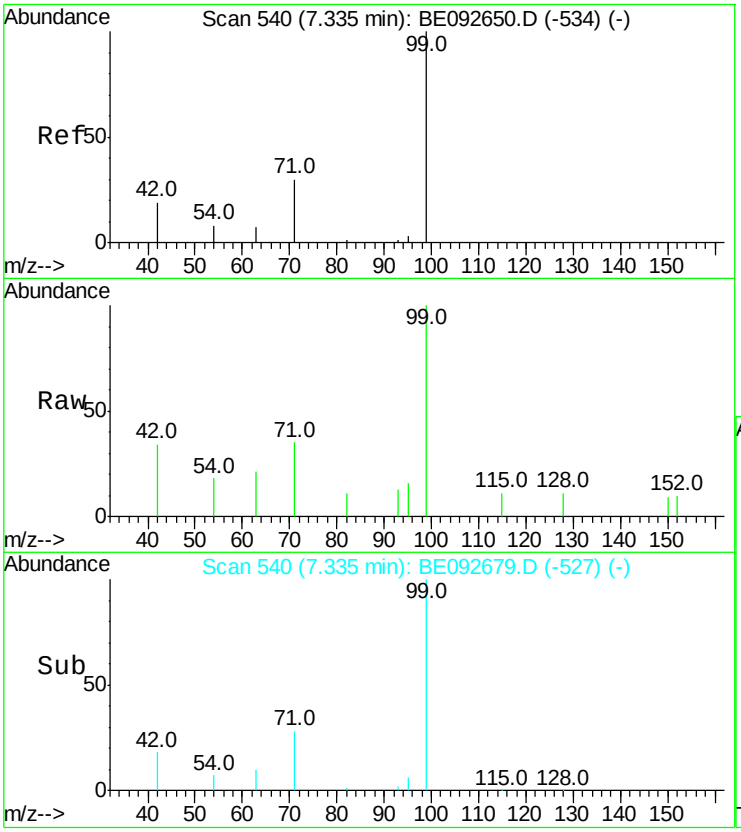


#4
2-Fluorophenol
Concen: 0.79 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:112 Resp: 1963

Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.5	80.3
63	36.3	27.9	41.9



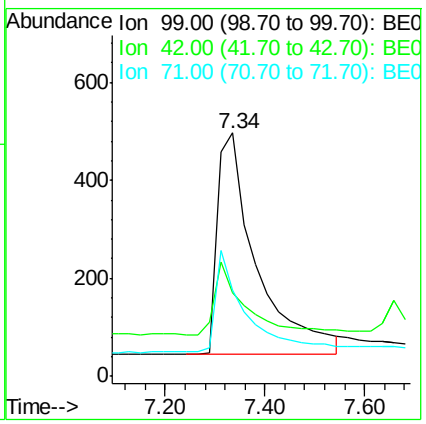


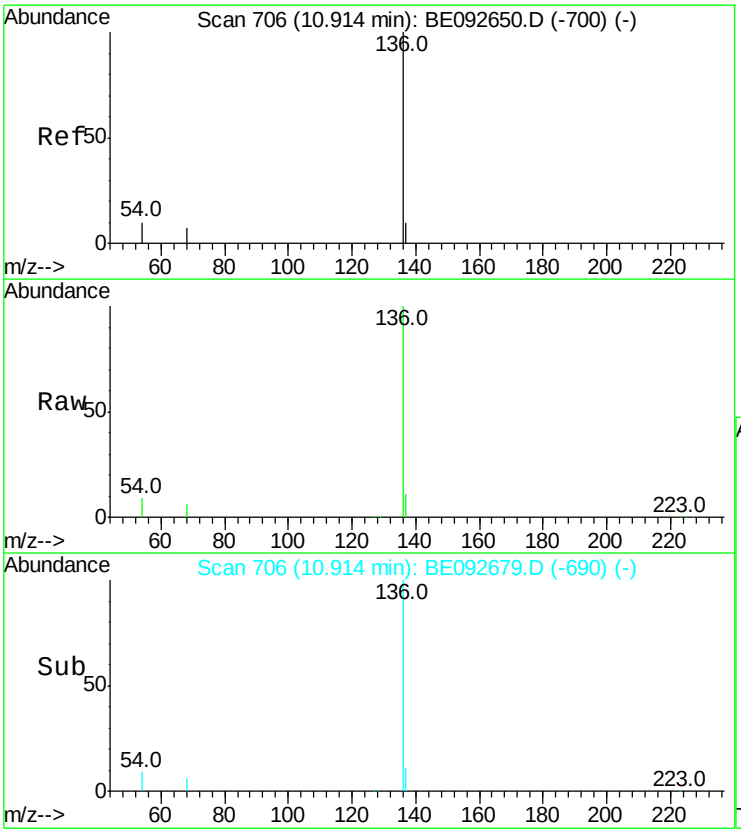
#5
Phenol-d6
Concen: 0.80 ng
RT: 7.34 min Scan# 540
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2438

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

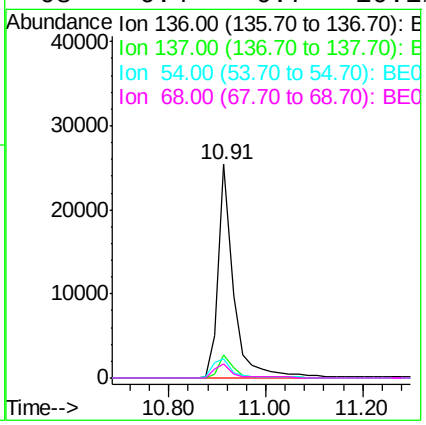


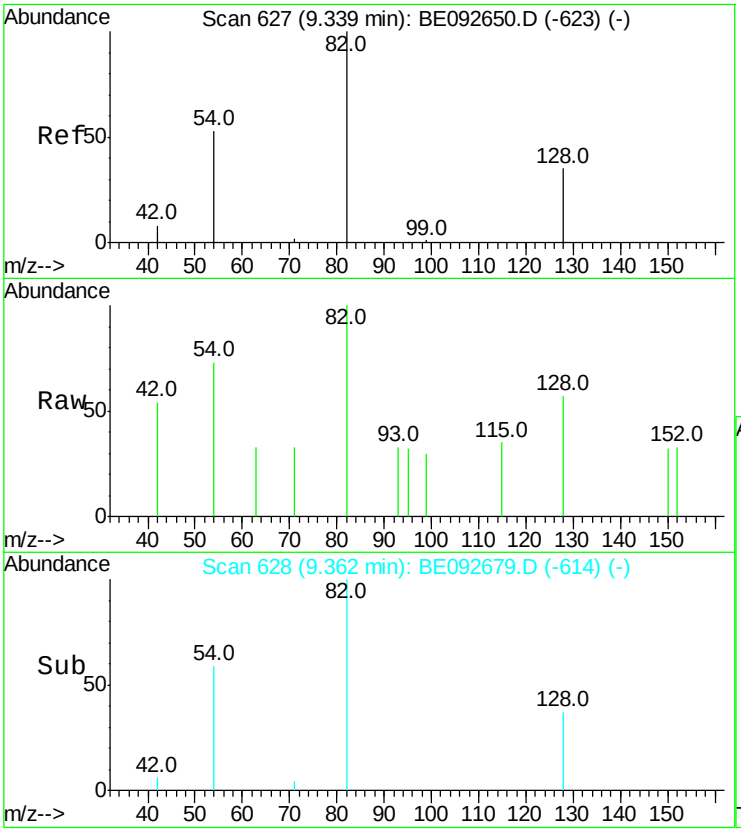


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:136 Resp: 55735

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	8.9	9.6	14.4#
68	6.4	6.7	10.1#



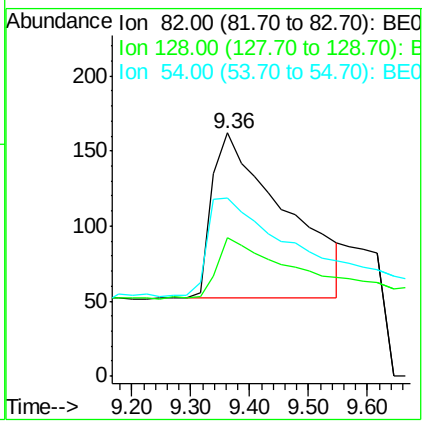


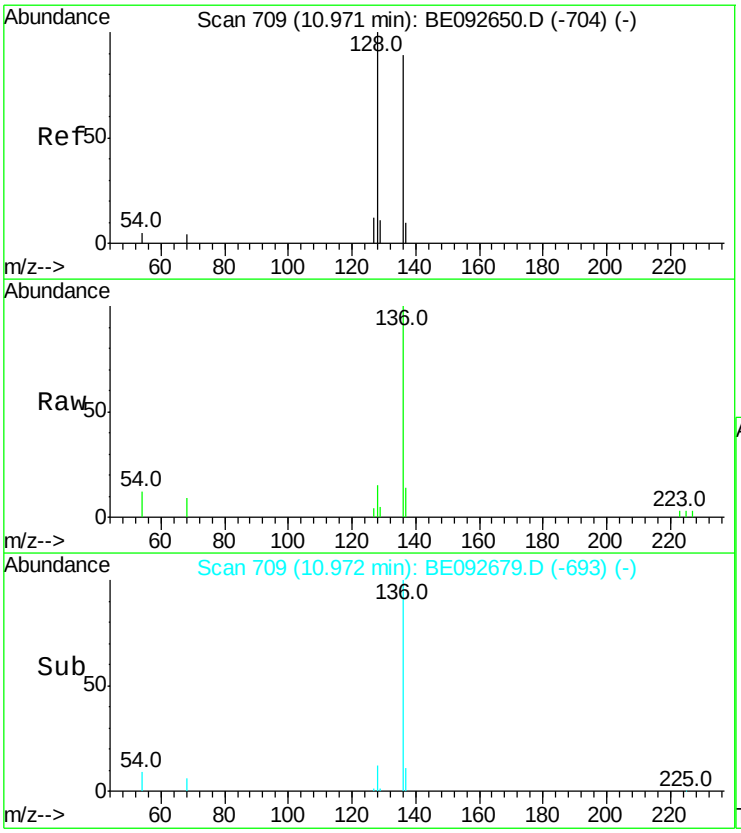
#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.02 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 940

Ion	Ratio	Lower	Upper
82	100		
128	56.8	39.0	58.4
54	73.5	44.8	67.2#

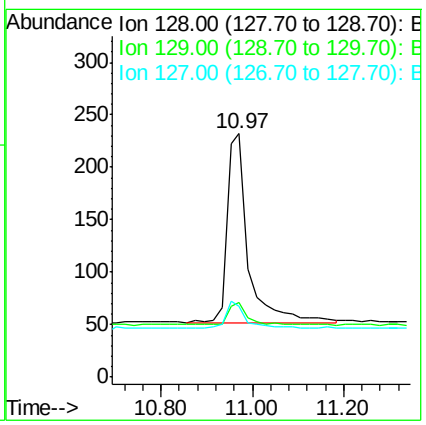


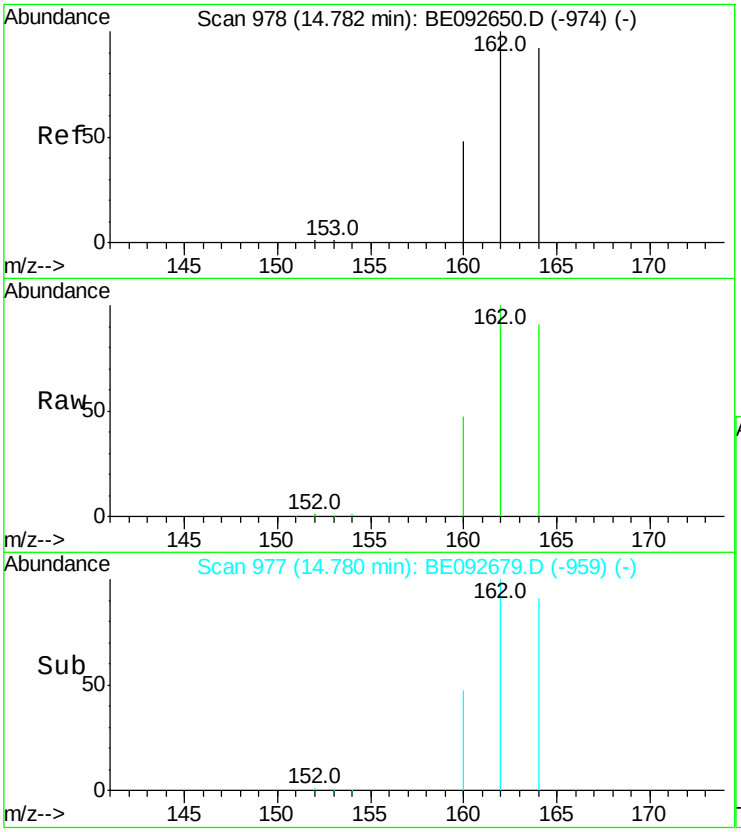


#9
Naphthalene
Concen: 0.05 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:128 Resp: 587

Ion	Ratio	Lower	Upper
128	100		
129	30.6	11.2	16.8#
127	28.9	11.6	17.4#



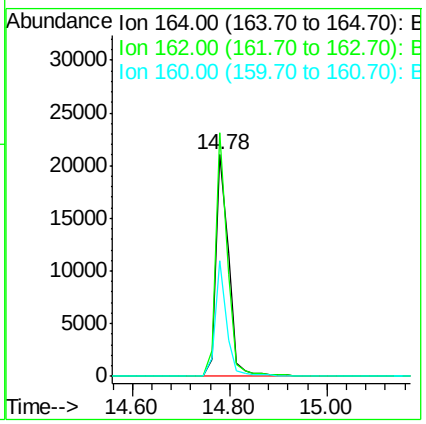


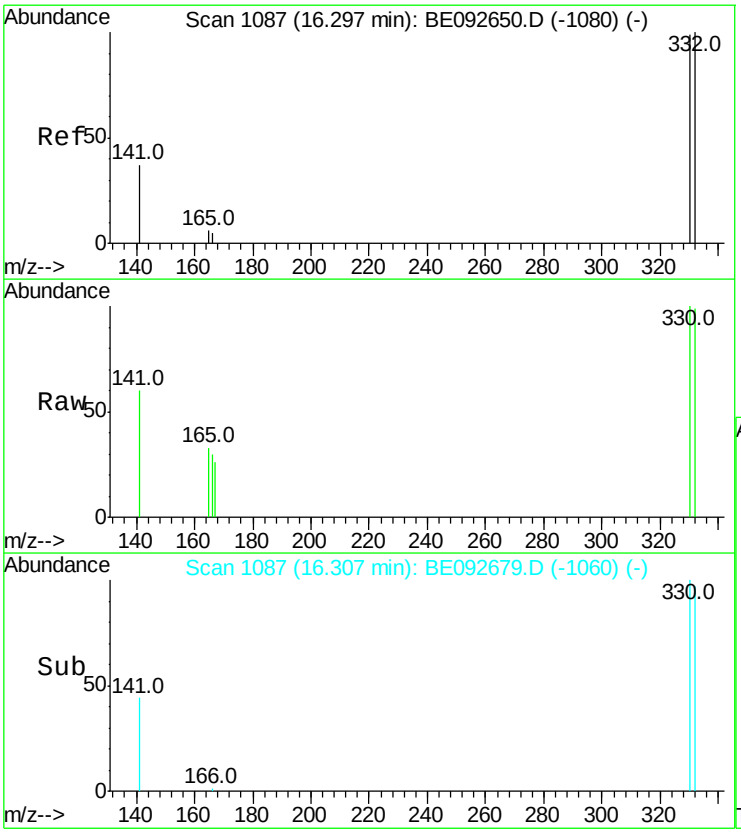
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 977
Delta R.T. -0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 37712

Ion	Ratio	Lower	Upper
164	100		
162	110.0	71.4	107.0#
160	52.1	27.4	41.2#

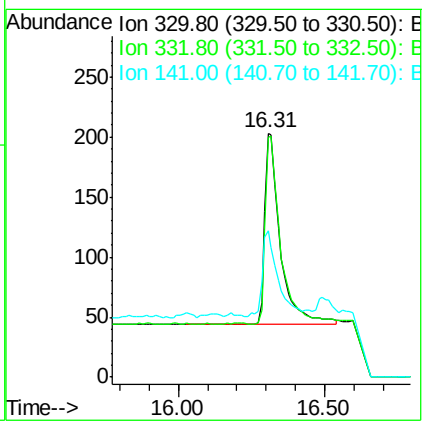


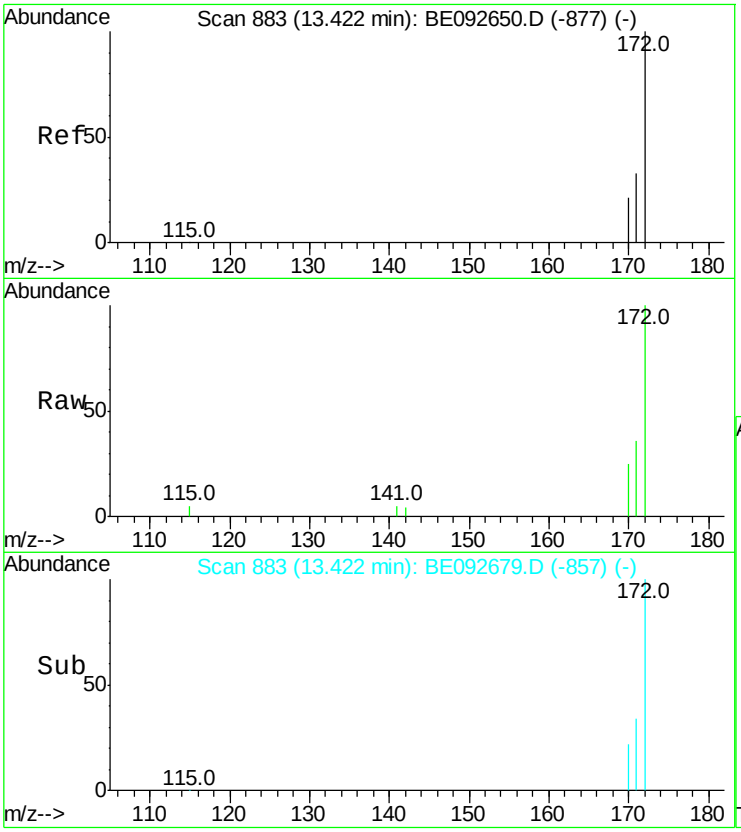


#13
2,4,6-Tribromophenol
Concen: 0.65 ng
RT: 16.31 min Scan# 1087
Delta R.T. 0.01 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:330 Resp: 592

Ion	Ratio	Lower	Upper
330	100		
332	98.5	75.4	113.0
141	44.6	31.0	46.6



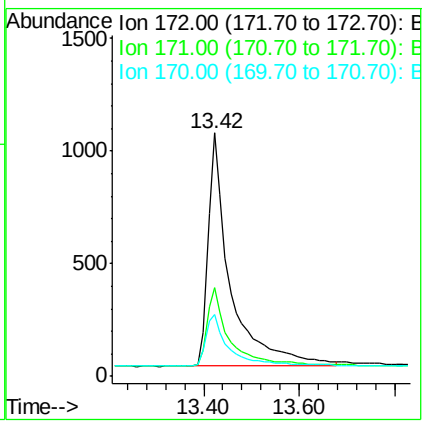


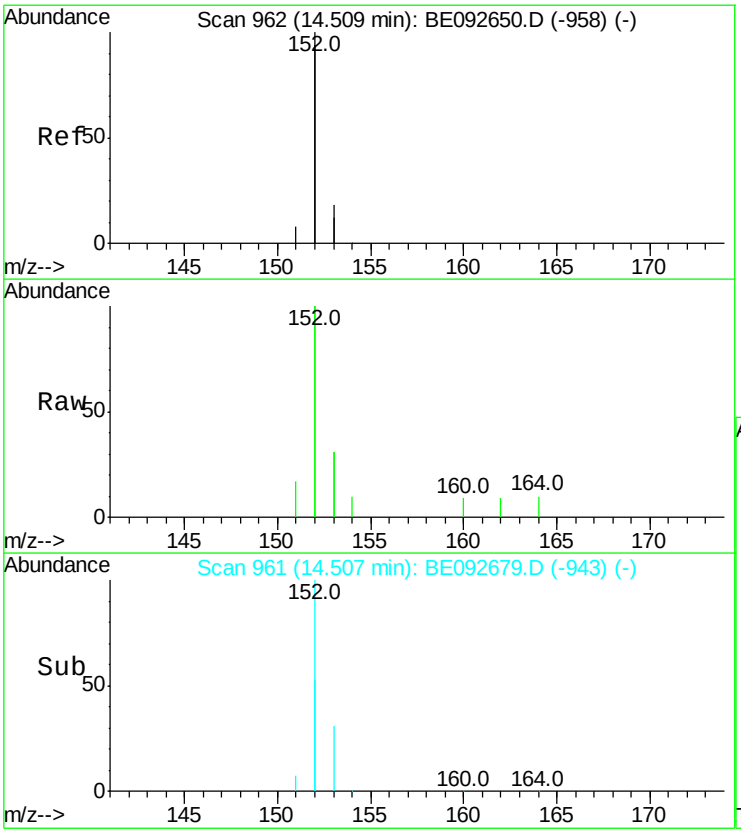
#14
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.42 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3402

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.1	45.1
170	25.4	21.8	32.6

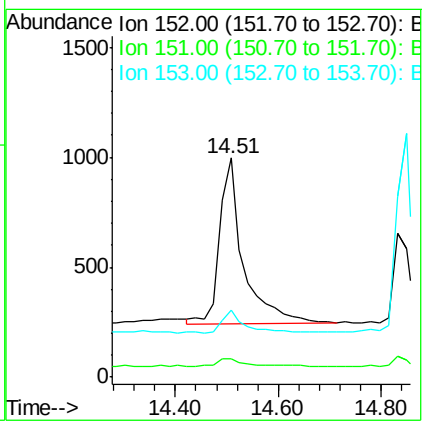


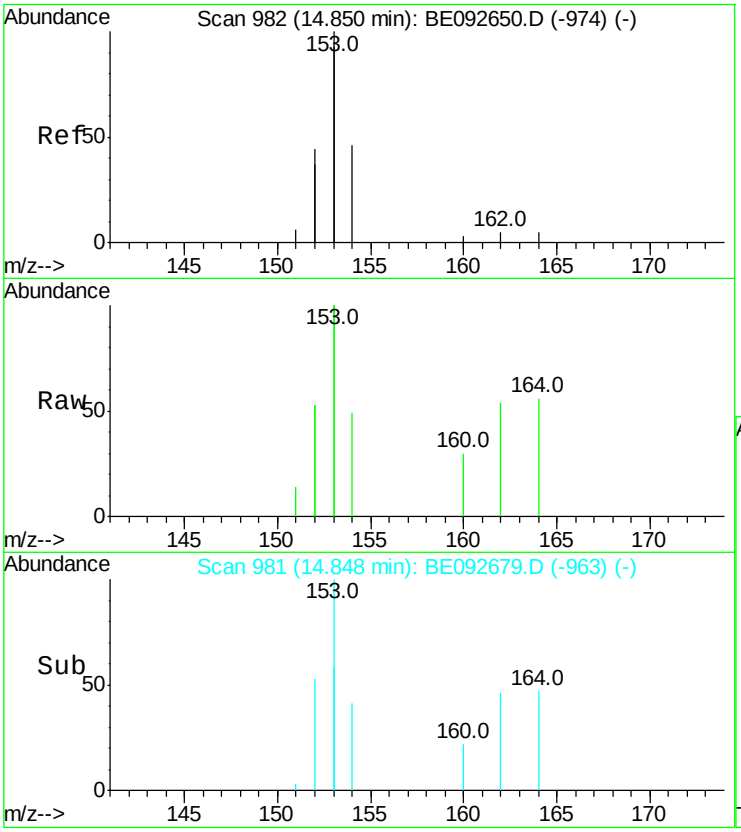


#15
Acenaphthylene
Concen: 0.05 ng
RT: 14.51 min Scan# 961
Delta R.T. -0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:152 Resp: 2478

Ion	Ratio	Lower	Upper
152	100		
151	4.7	3.9	5.9
153	12.7	10.4	15.6



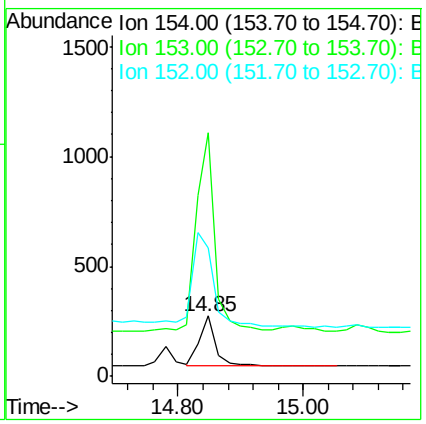


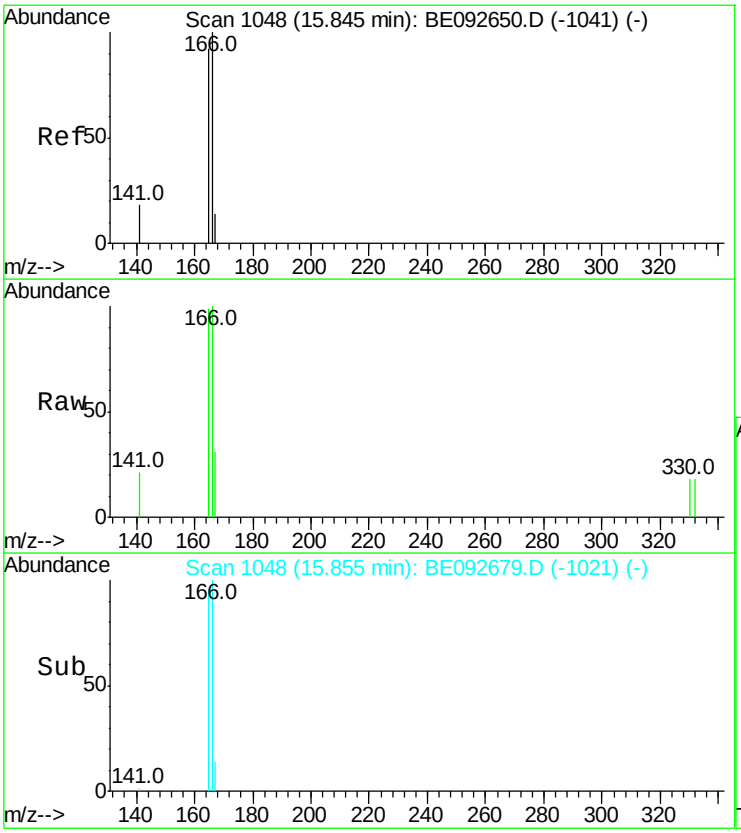
#16
Acenaphthene
Concen: 0.05 ng
RT: 14.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 411

Ion	Ratio	Lower	Upper
154	100		
153	457.4	350.8	526.2
152	270.1	171.1	256.7#

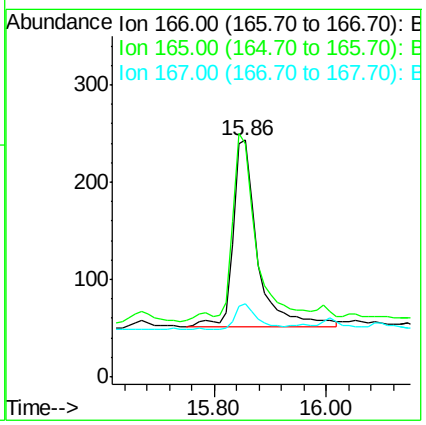


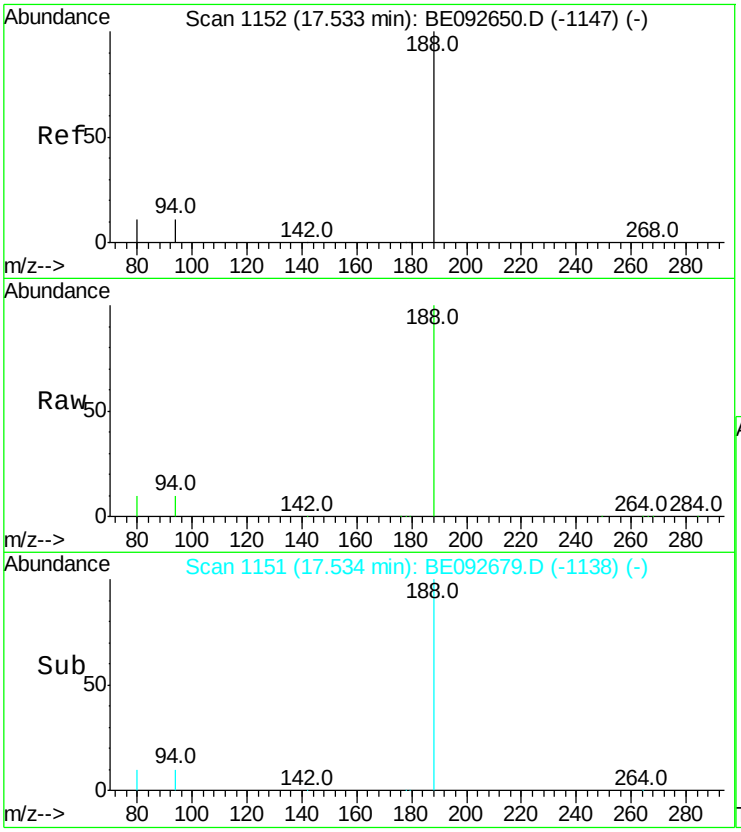


#17
Fluorene
Concen: 0.06 ng
RT: 15.86 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:166 Resp: 592

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.4
167	11.8	11.0	16.4



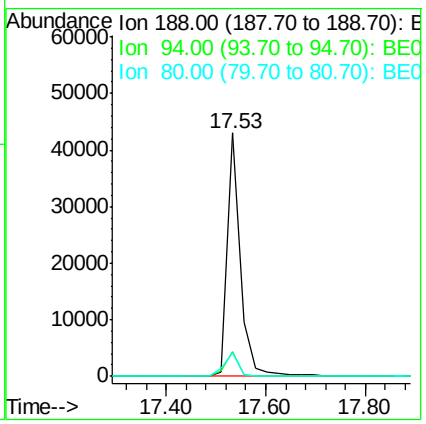


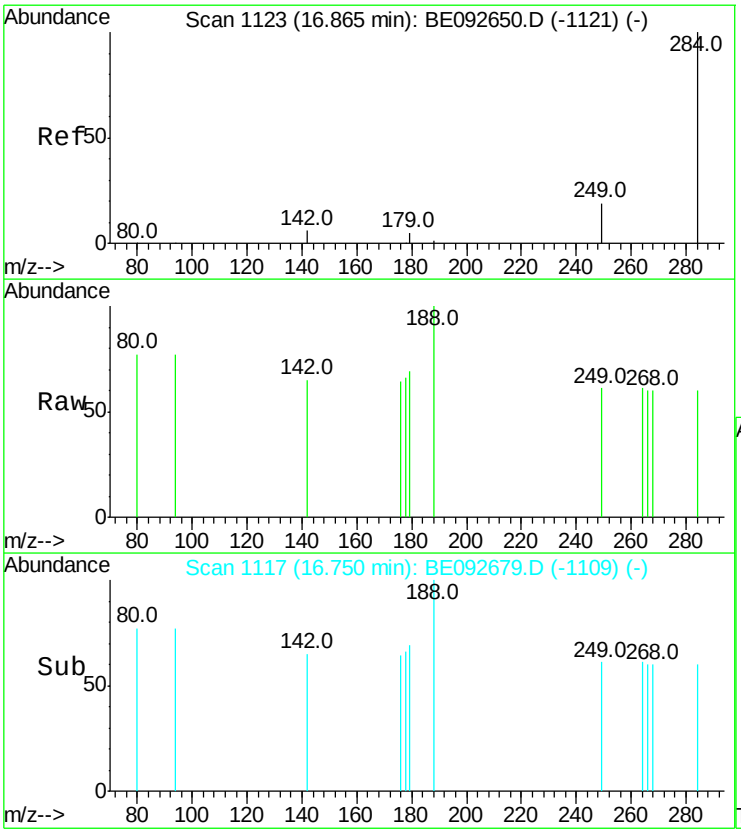
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 78429

Ion	Ratio	Lower	Upper
188	100		
94	10.0	3.2	4.8#
80	9.9	2.6	3.8#

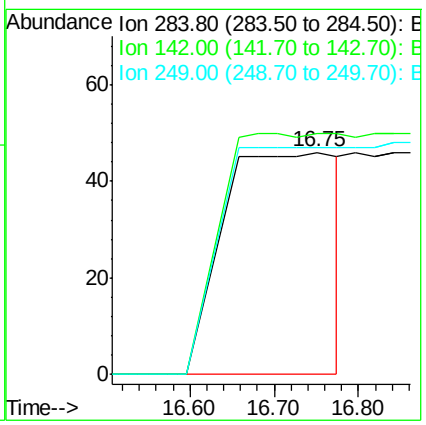


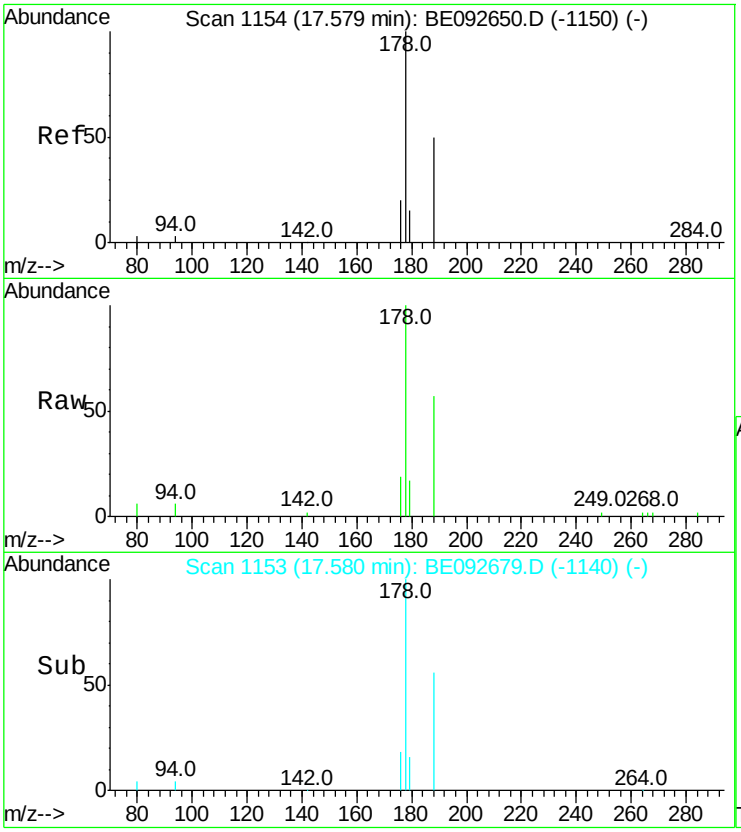


#19
Hexachlorobenzene
Concen: 0.10 ng
RT: 16.75 min Scan# 1117
Delta R.T. -0.11 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:284 Resp: 480

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



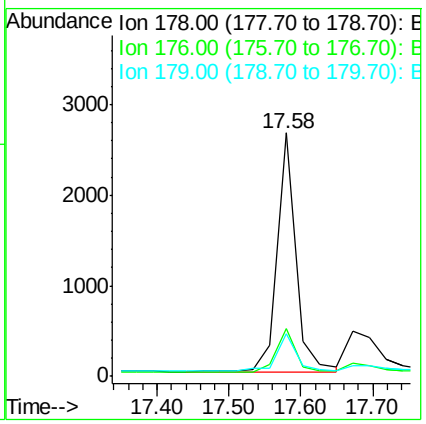


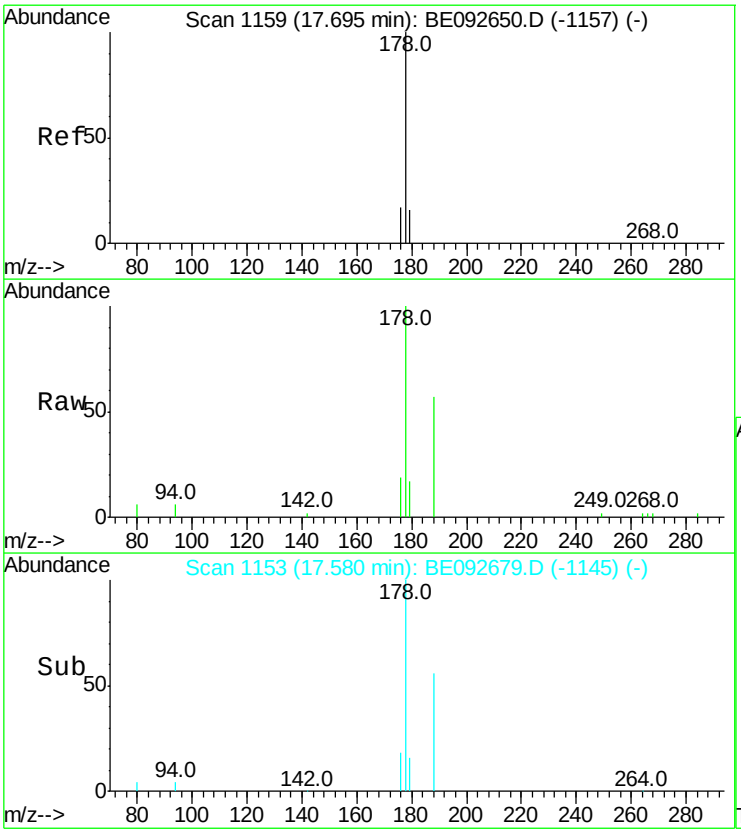
#21
Phenanthrene
Concen: 0.27 ng
RT: 17.58 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4705

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	17.0	16.0	24.0

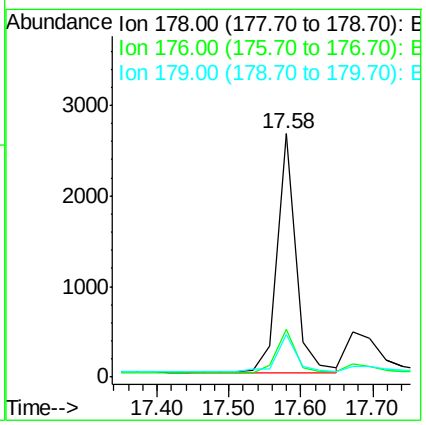


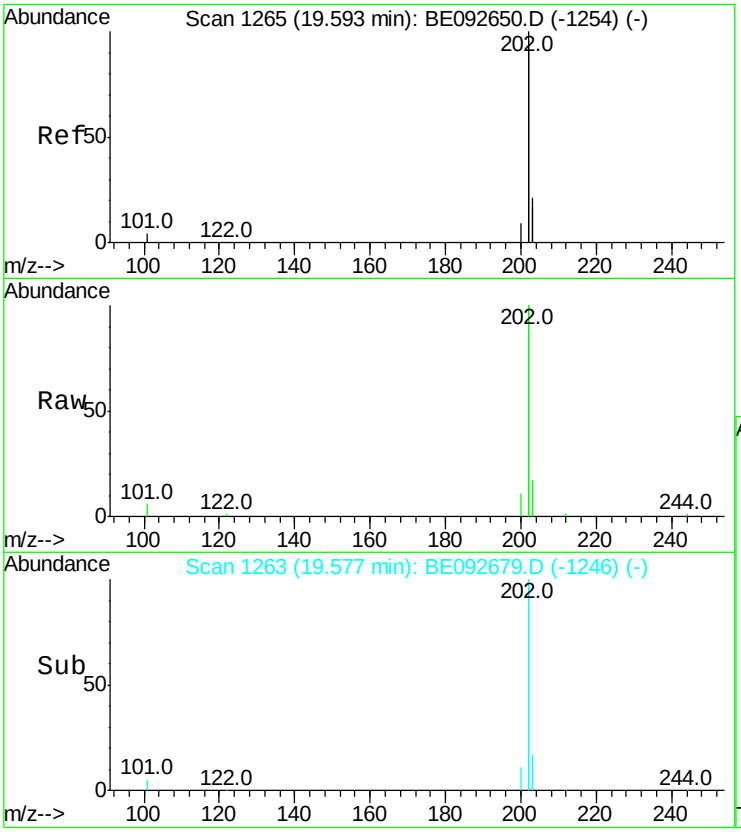


#22
Anthracene
Concen: 0.29 ng
RT: 17.58 min Scan# 1153
Delta R.T. -0.12 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:178 Resp: 4705

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	17.0	12.2	18.2



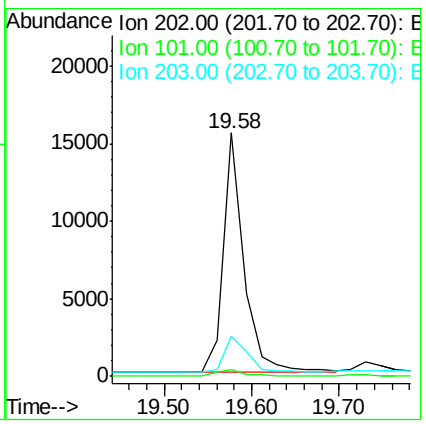


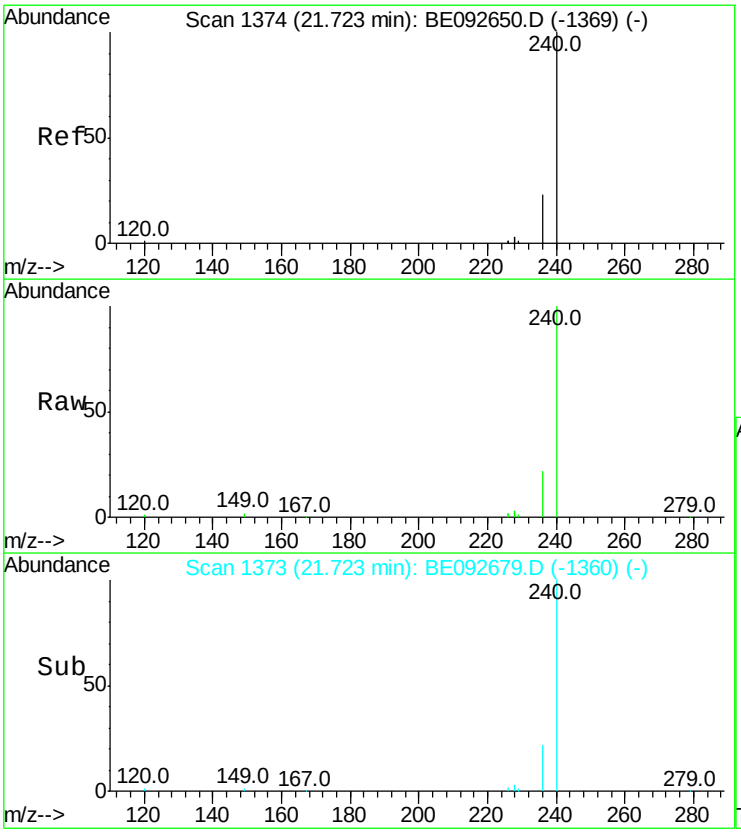
#23
Fluoranthene
Concen: 0.33 ng
RT: 19.58 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 25376

Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	17.4	13.7	20.5

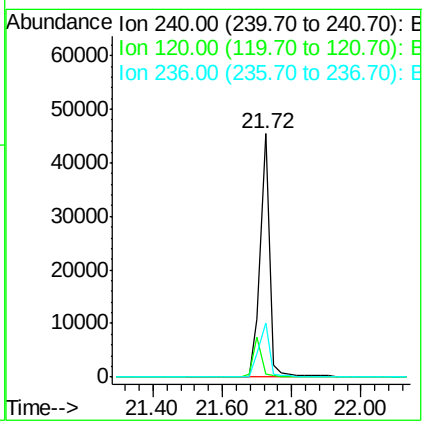


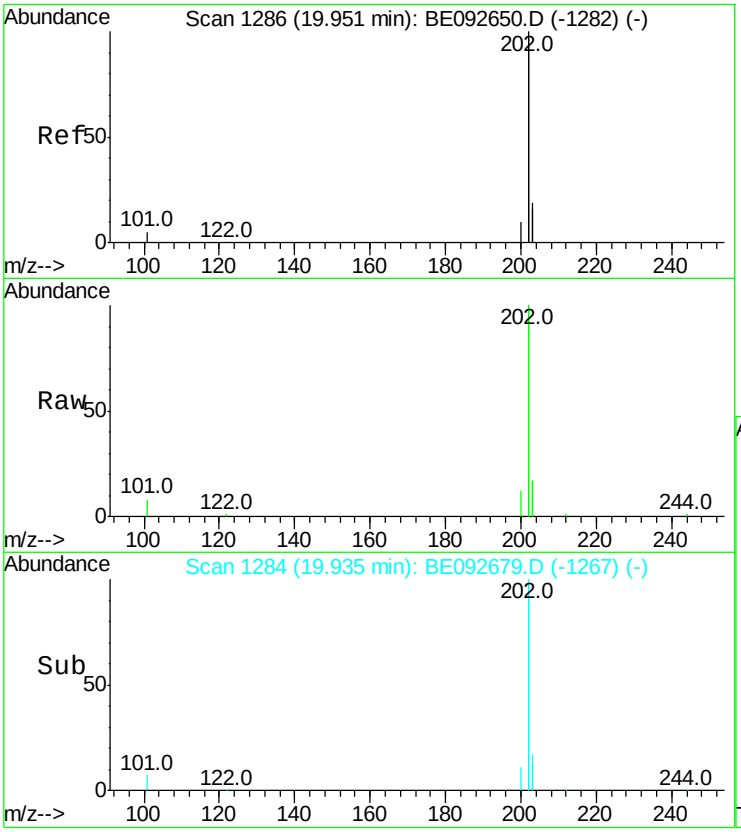


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:240 Resp: 82443

Ion	Ratio	Lower	Upper
240	100		
120	1.0	2.6	4.0#
236	22.0	24.6	37.0#



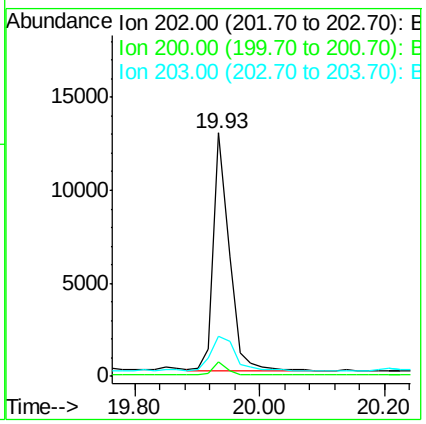


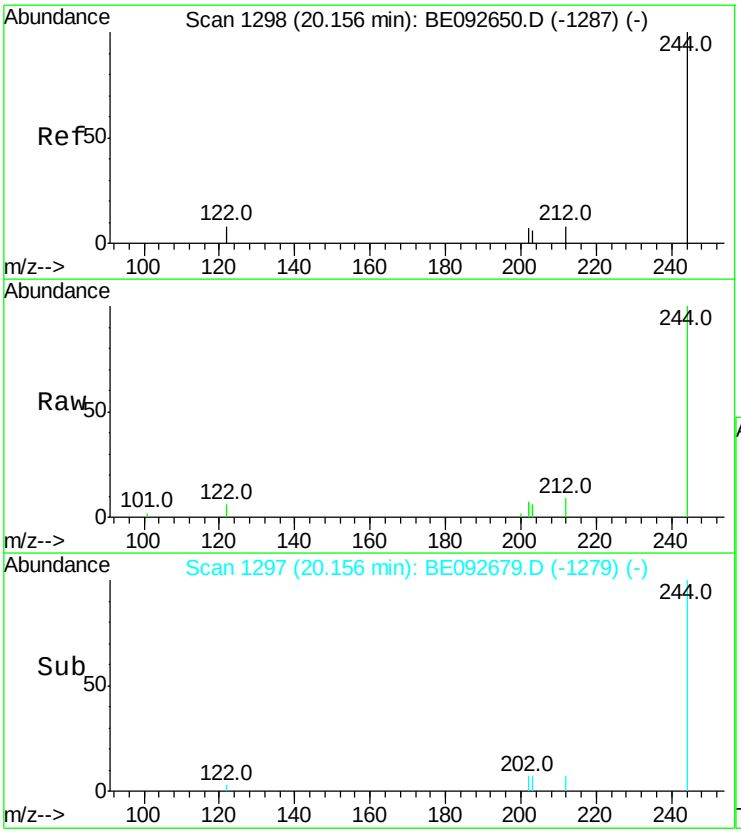
#25
Pyrene
Concen: 0.28 ng
RT: 19.93 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 22394

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	22.9	13.9	20.9#

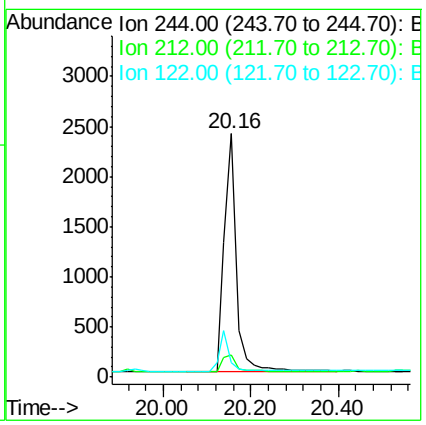


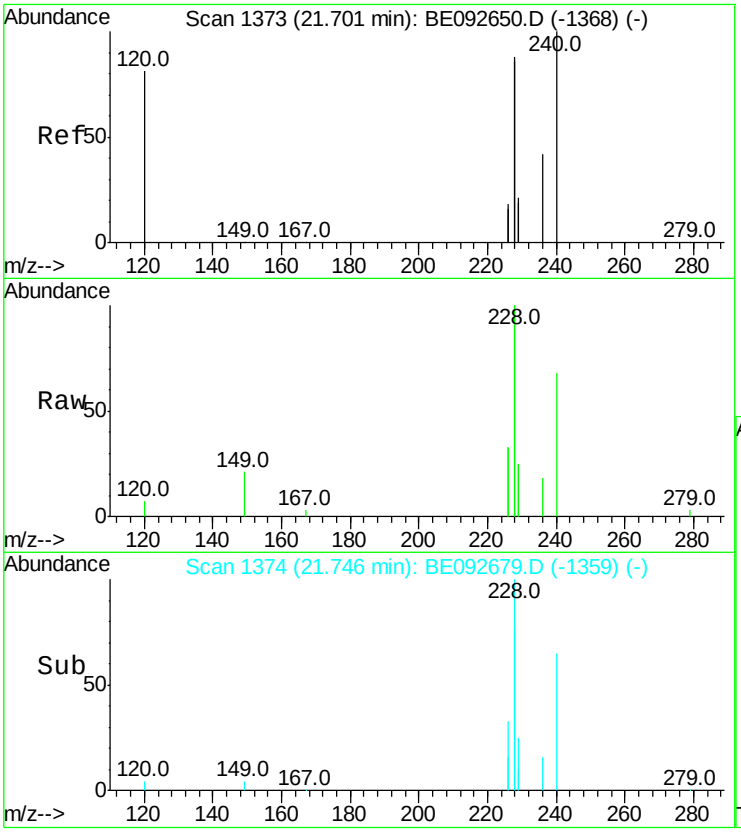


#26
Terphenyl-d14
Concen: 0.40 ng
RT: 20.16 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:244 Resp: 4644

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.7	10.1
122	5.8	3.6	5.4#



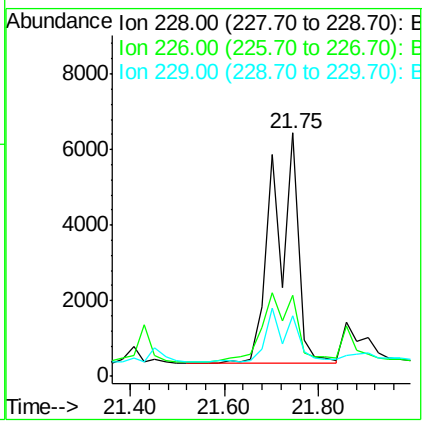


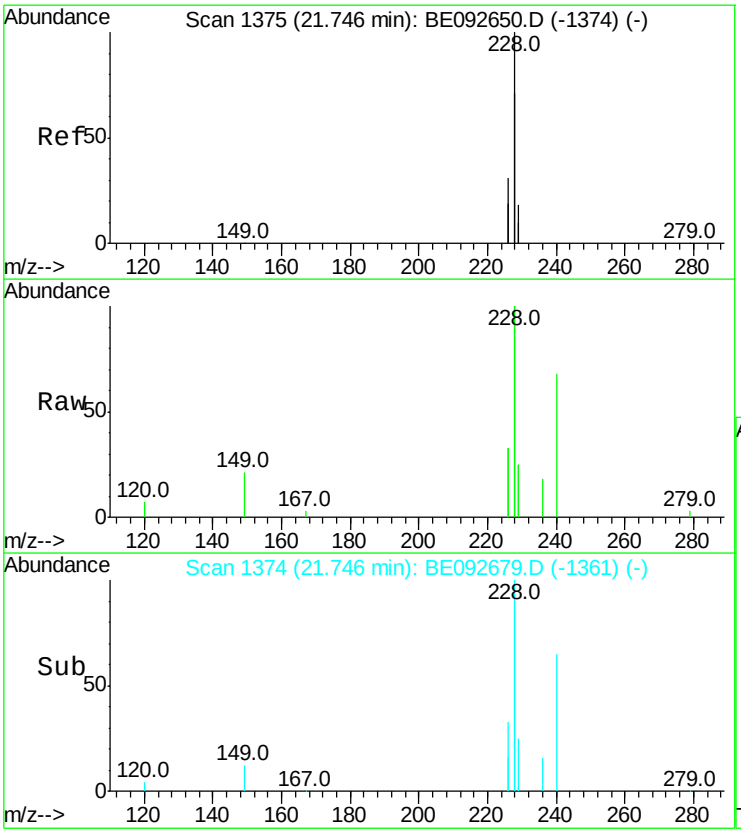
#27
Benzo(a)anthracene
Concen: 0.28 ng
RT: 21.75 min Scan# 1374
Delta R.T. 0.05 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 22381

Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.6	35.4
229	24.7	13.3	19.9#

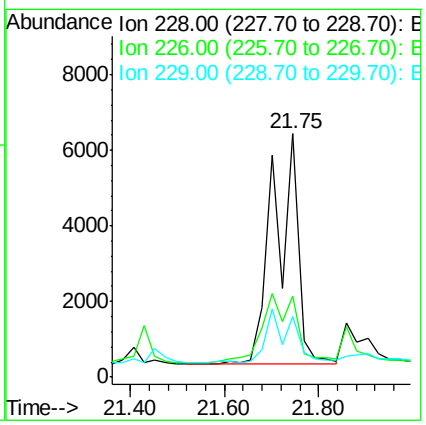


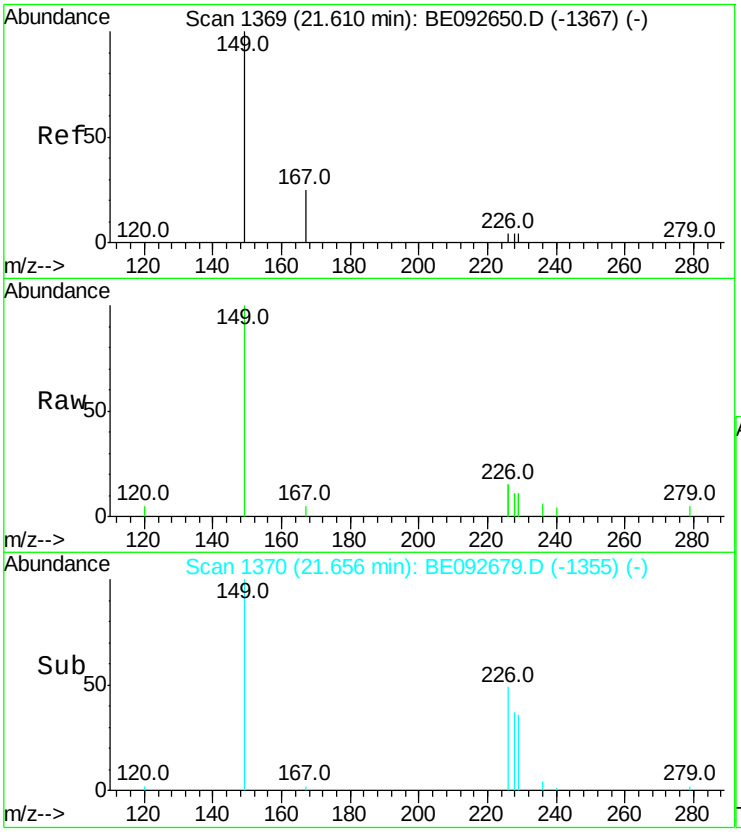


#28
Chrysene
Concen: 0.24 ng
RT: 21.75 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:228 Resp: 22381

Ion	Ratio	Lower	Upper
228	100		
226	33.3	36.3	54.5#
229	24.7	10.6	16.0#



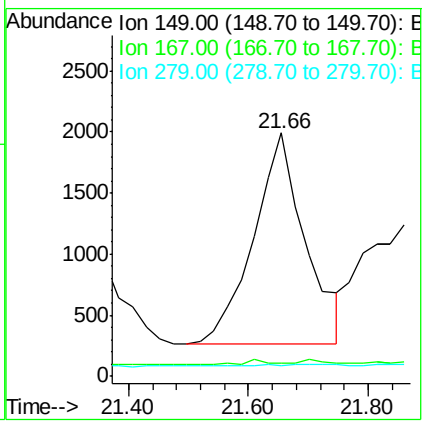


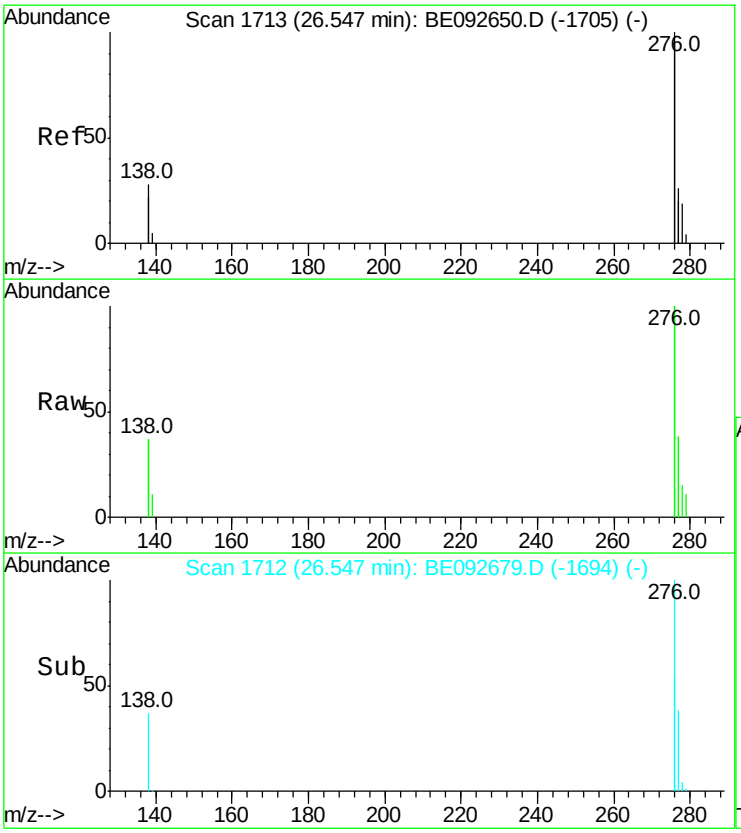
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.82 ng
RT: 21.66 min Scan# 1370
Delta R.T. 0.05 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 10328

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

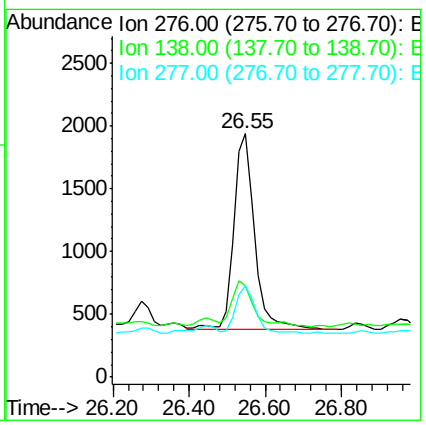


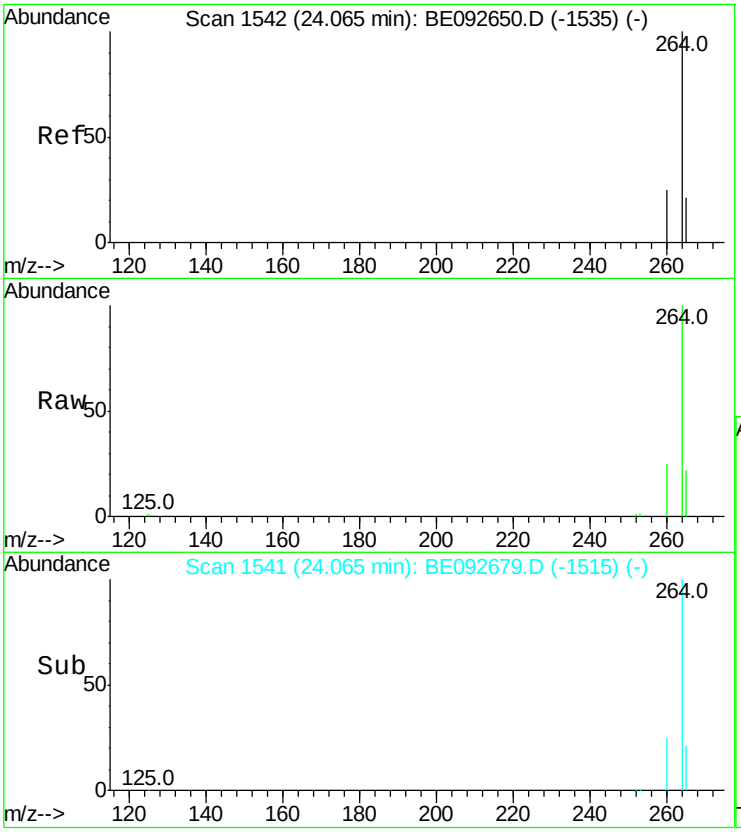


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 26.55 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:276 Resp: 6081

Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.3	30.5
277	21.8	19.7	29.5



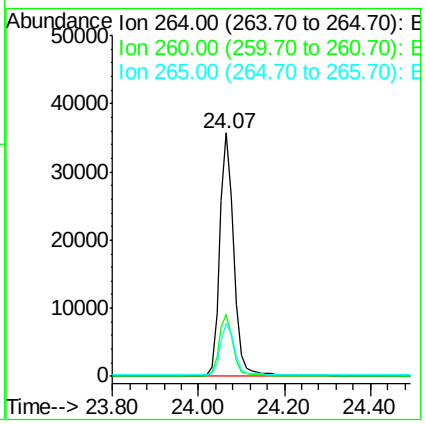


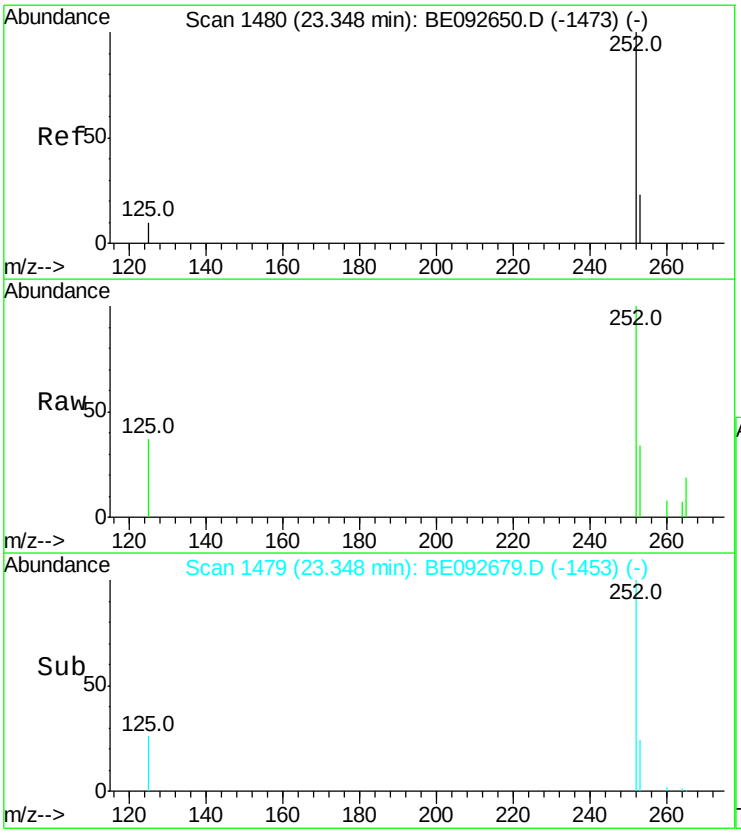
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 81037

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.9	17.9	26.9

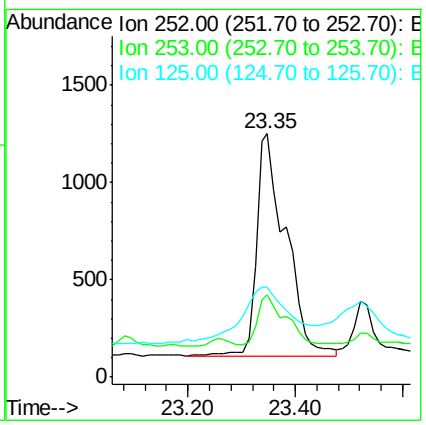


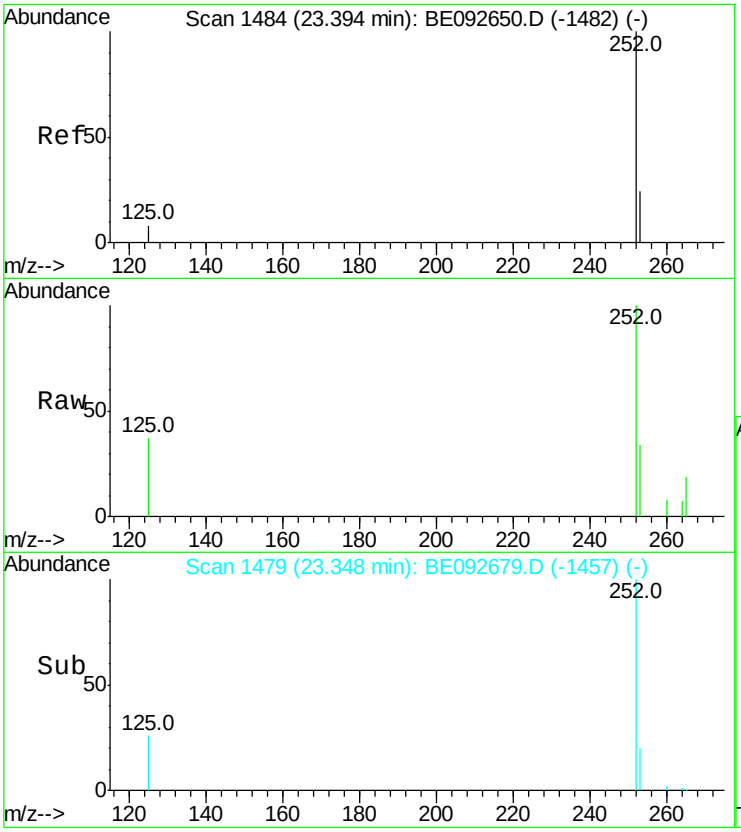


#32
Benzo(b)fluoranthene
Concen: 0.22 ng
RT: 23.35 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:252 Resp: 4283

Ion	Ratio	Lower	Upper
252	100		
253	34.0	18.7	28.1#
125	37.1	10.5	15.7#



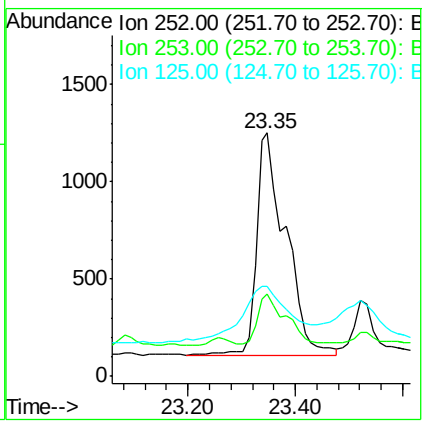


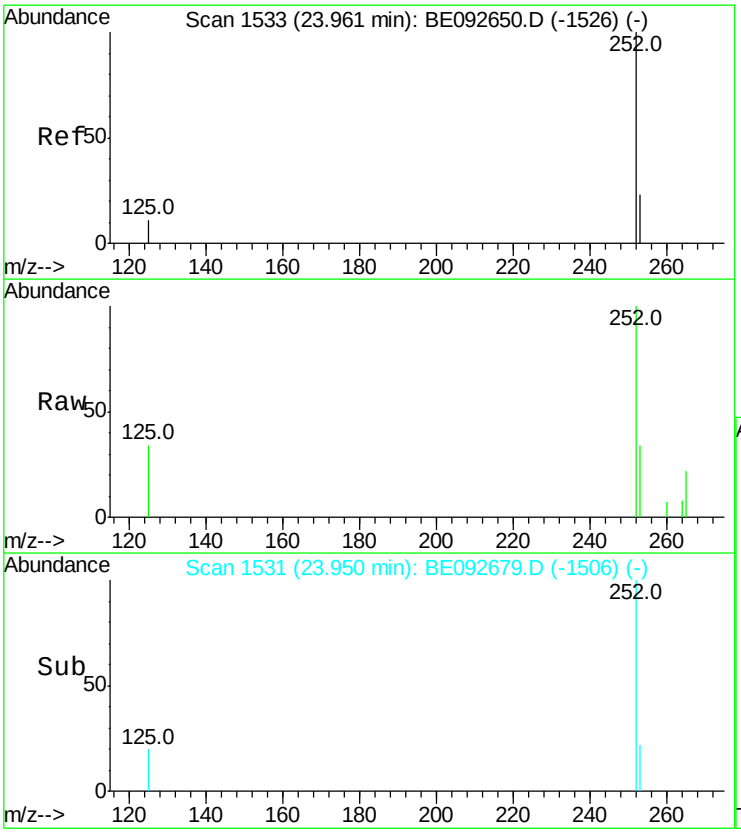
#33
Benzo(k)fluoranthene
Concen: 0.22 ng
RT: 23.35 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4283

Ion	Ratio	Lower	Upper
252	100		
253	34.0	20.3	30.5#
125	37.1	9.6	14.4#

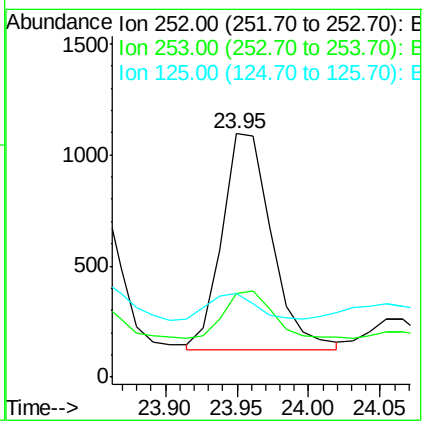


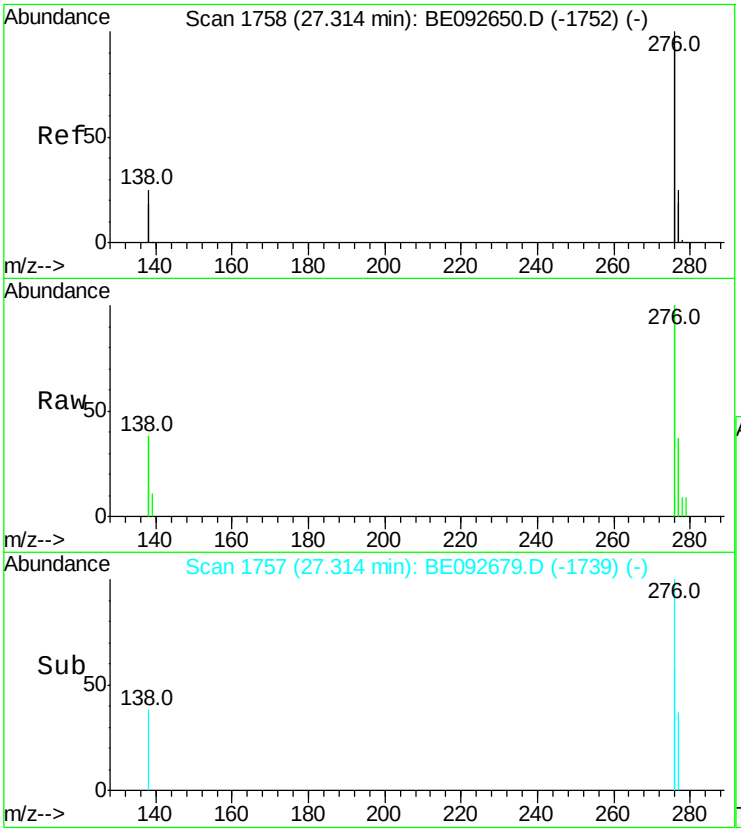


#34
Benzo(a)pyrene
Concen: 0.13 ng
RT: 23.95 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Tgt Ion:252 Resp: 2368

Ion	Ratio	Lower	Upper
252	100		
253	34.3	19.0	28.6#
125	34.4	11.8	17.8#





#36
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 27.31 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BE092679.D
Acq: 24 Jan 2017 23:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6845

Ion	Ratio	Lower	Upper
276	100		
277	36.8	19.8	29.8#
138	38.2	19.8	29.6#