Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013117\
Data File : BE092699.D
Acq On : 31 Jan 2017 22:43
Operator : SJ/MA
Sample : I1505-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-01

Quant Time: Feb 01 02:23:52 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	10731	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	54995	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	37763	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	79282	5.00	ng		0.00
24) Chrysene-d12	21.72	240	74542	5.00	ng		0.00
31) Perylene-d12	24.07	264	80502	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	2638	1.10	ng		0.00
5) Phenol-d6	7.31	99	3440	1.17	ng		-0.02
8) Nitrobenzene-d5	9.36	82	1327	0.37	ng		0.02
13) 2,4,6-Tribromophenol	16.31	330	789	0.83	ng		0.01
14) 2-Fluorobiphenyl	13.42	172	4625	0.50	ng		0.00
26) Terphenyl-d14	20.14	244	6132	0.58	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.97	128	361	0.03	ng	#	27
11) 2-Methylnaphthalene	12.64	142	146	0.02	ng	#	75
15) Acenaphthylene	14.49	152	6282	0.12	ng		100
17) Fluorene	15.86	166	244	0.02	ng		92
19) Hexachlorobenzene	16.66	284	115	Below Cal		#	1
21) Phenanthrene	17.58	178	5020	0.29	ng		96
22) Anthracene	17.58	178	5020	0.31	ng		97
23) Fluoranthene	19.58	202	41505	0.53	ng		99
25) Pyrene	19.93	202	42857	0.58	ng		96
27) Benzo(a)anthracene	21.75	228	50802	0.69	ng	#	89
28) Chrysene	21.75	228	50802	0.61	ng	#	71
29) Bis(2-ethylhexyl)phthalate	21.61	149	1164	0.28	ng	#	72
30) Indeno(1,2,3-cd)pyrene	26.53	276	16139	0.18	ng		96
32) Benzo(b)fluoranthene	23.34	252	11008	0.57	ng	#	86
33) Benzo(k)fluoranthene	23.34	252	11008	0.56	ng	#	88
34) Benzo(a)pyrene	23.95	252	5998	0.33	ng	#	86
35) Dibenzo(a,h)anthracene	26.55	278	1069	0.06	ng	#	26
36) Benzo(g,h,i)perylene	27.30	276	17508	0.23	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013117\
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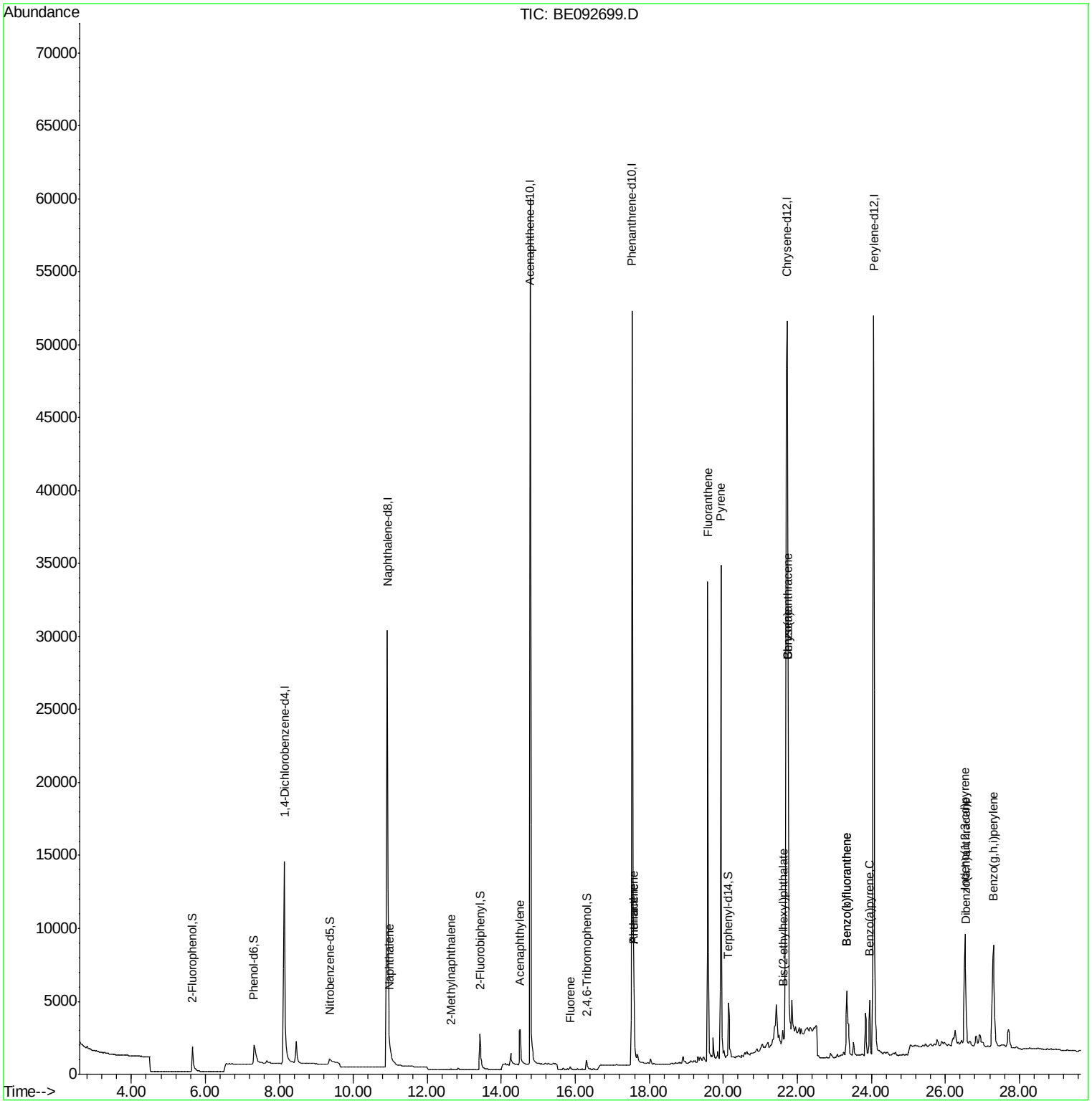
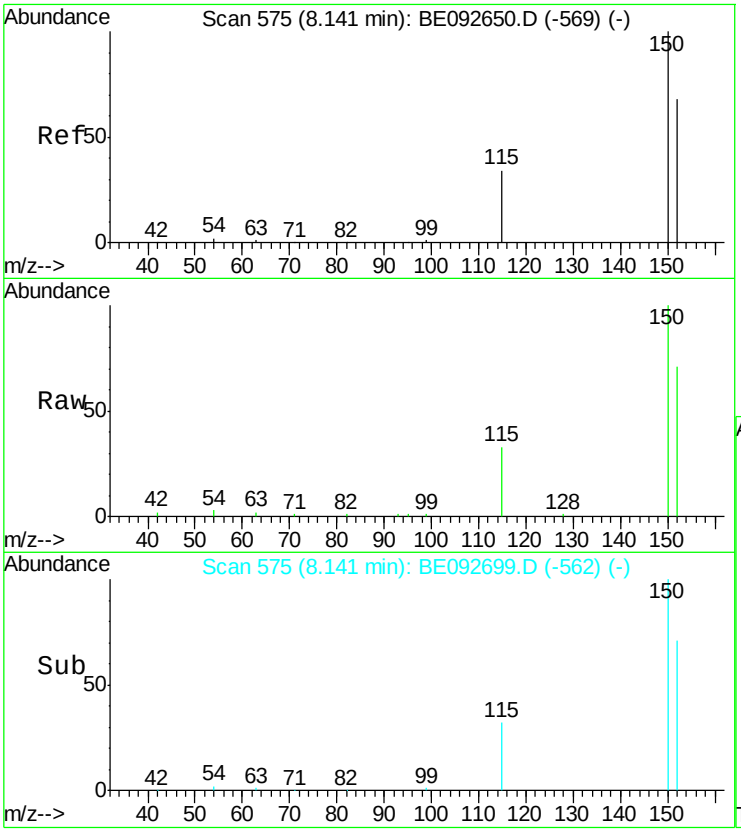
Acq On : 31 Jan 2017 22:43
Operator : SJ/MA
Sample : I1505-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-01

Quant Time: Feb 01 02:23:52 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



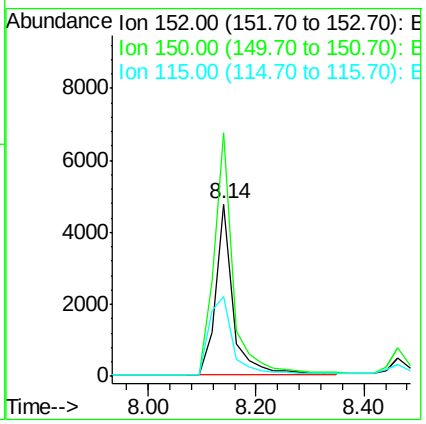


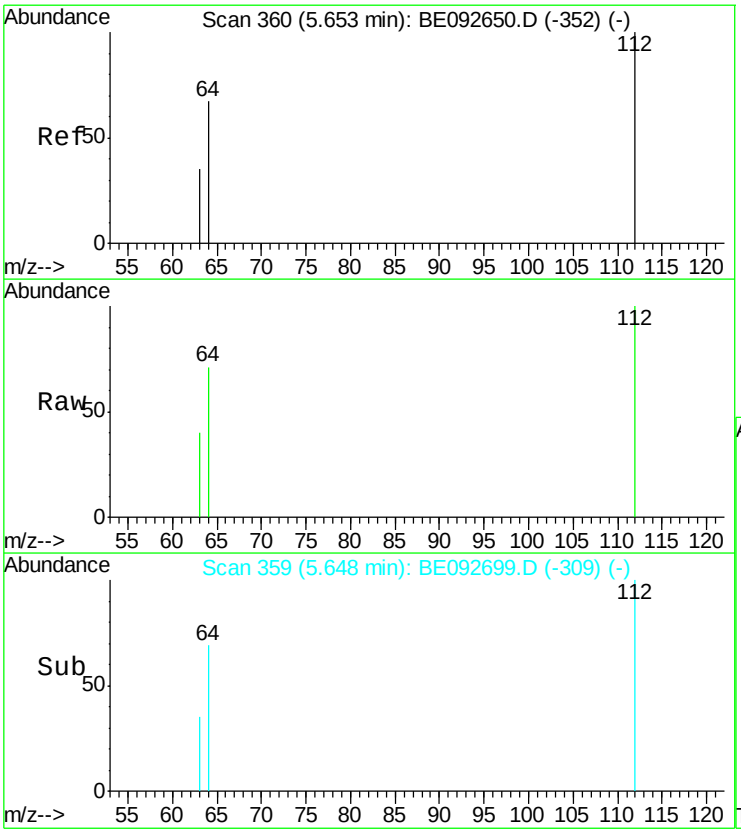
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:152 Resp: 10731

Ion	Ratio	Lower	Upper
152	100		
150	141.2	106.0	159.0
115	46.2	31.2	46.8

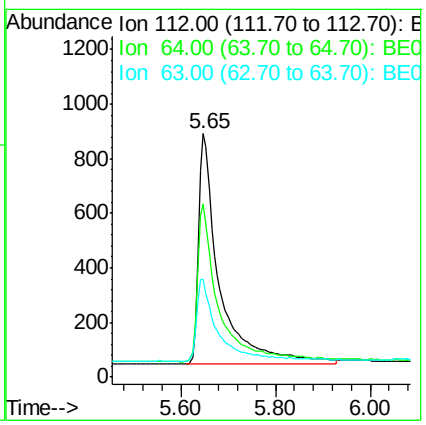


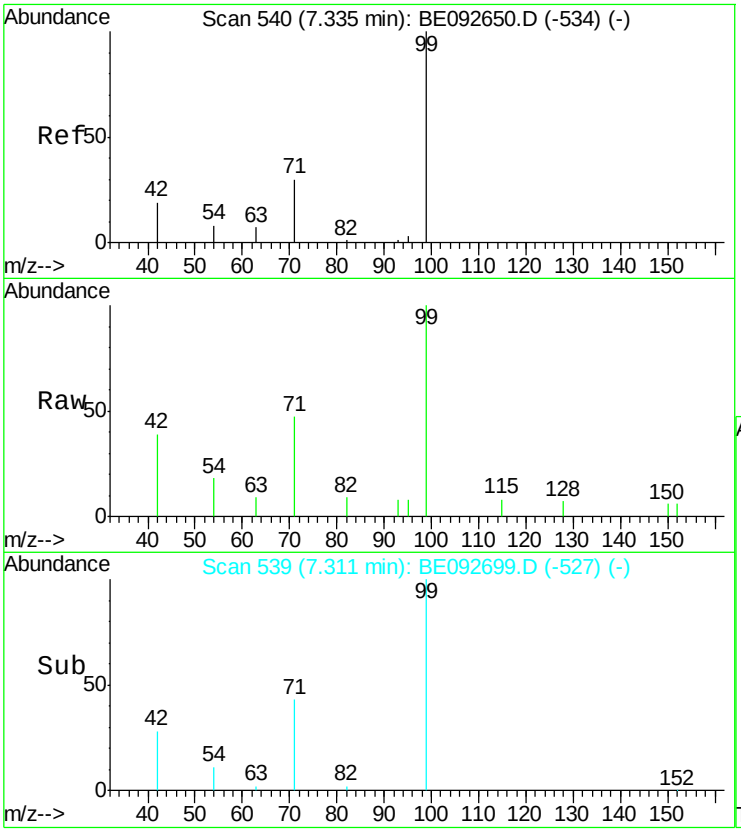


#4
2-Fluorophenol
Concen: 1.10 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.01 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:112 Resp: 2638

Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.5	80.3
63	35.4	27.9	41.9



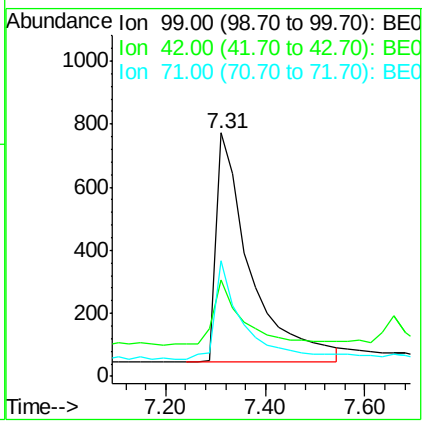


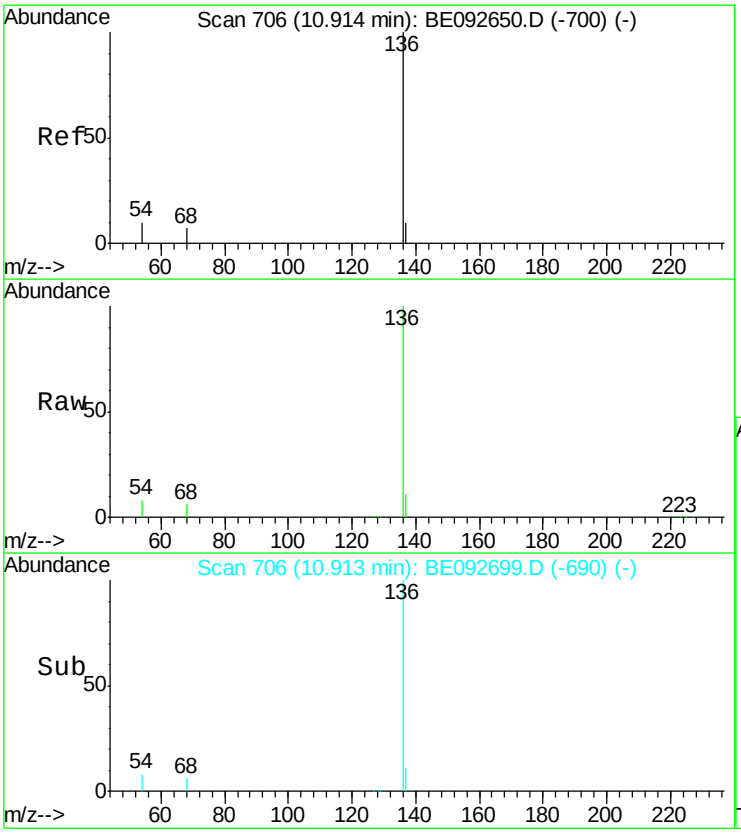
#5
Phenol-d6
Concen: 1.17 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion: 99 Resp: 3440

Ion	Ratio	Lower	Upper
99	100		
42	24.9	16.0	24.0#
71	35.3	30.6	45.8

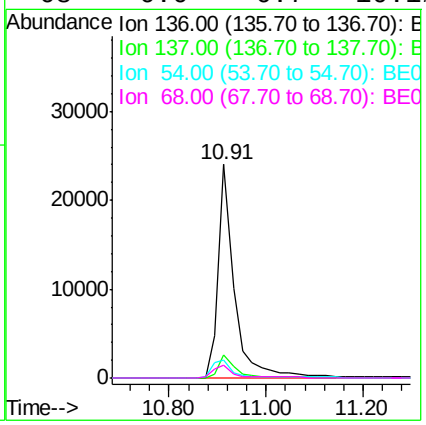


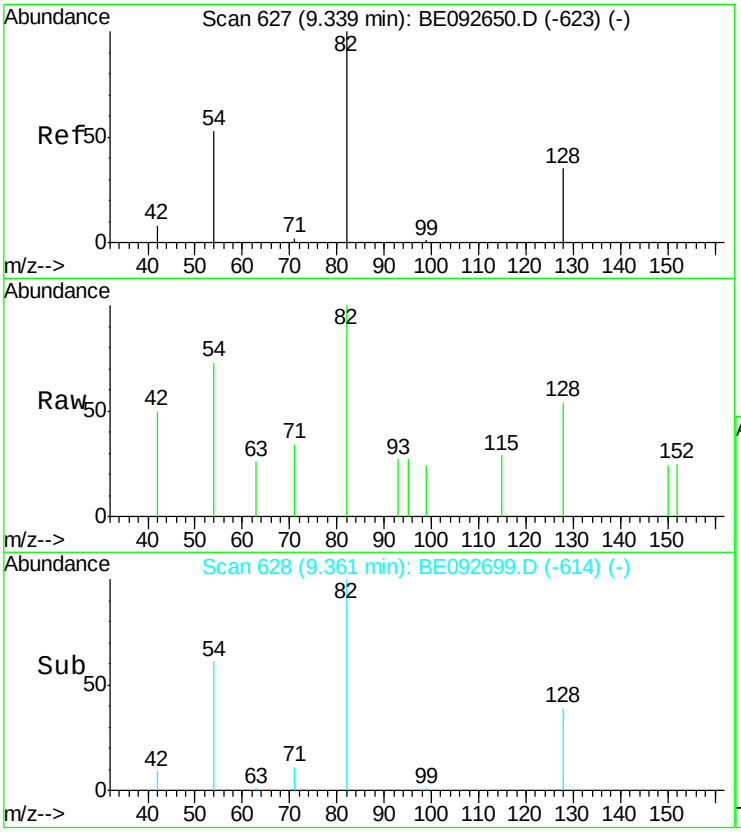


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:136 Resp: 54995

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	8.3	9.6	14.4#
68	6.0	6.7	10.1#



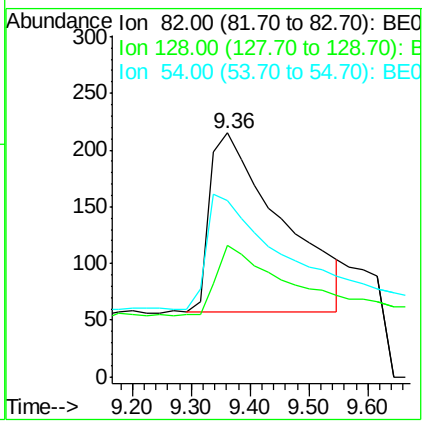


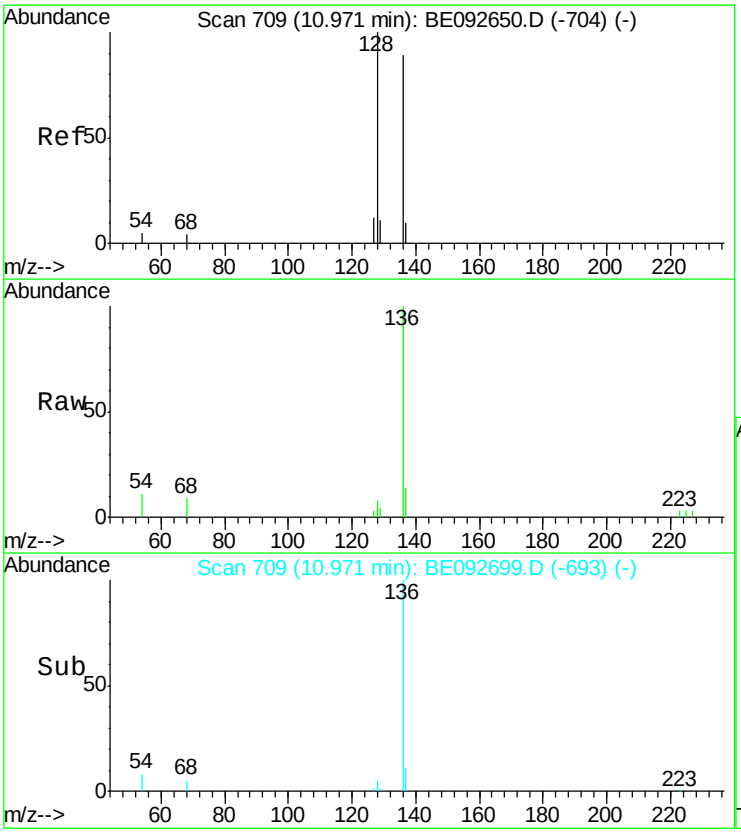
#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion: 82 Resp: 1327

Ion	Ratio	Lower	Upper
82	100		
128	54.0	39.0	58.4
54	72.6	44.8	67.2#

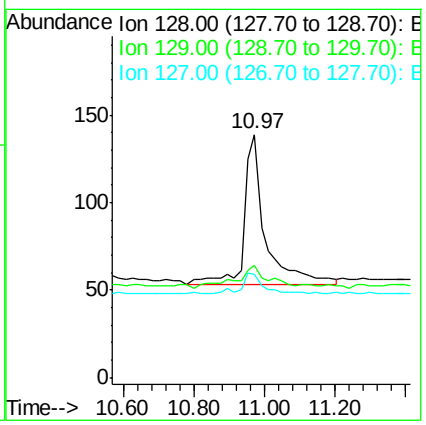


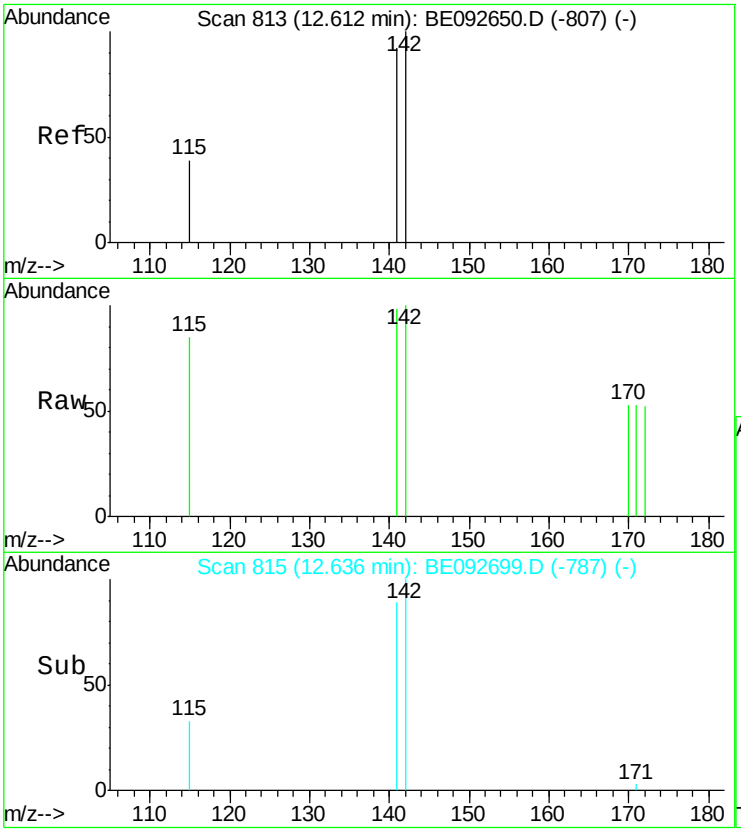


#9
Naphthalene
Concen: 0.03 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:128 Resp: 361

Ion	Ratio	Lower	Upper
128	100		
129	46.0	11.2	16.8#
127	42.4	11.6	17.4#



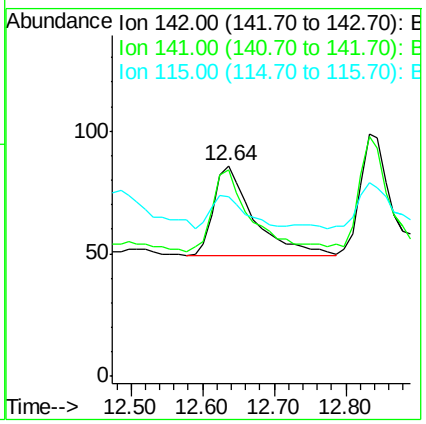


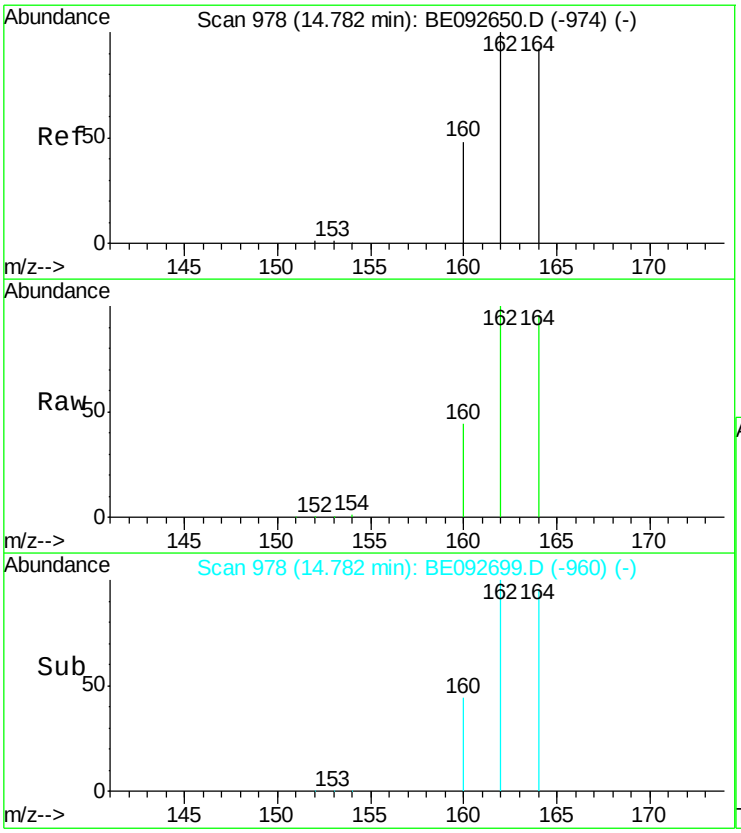
#11
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.64 min Scan# 815
Delta R.T. 0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:142 Resp: 146

Ion	Ratio	Lower	Upper
142	100		
141	97.7	73.7	110.5
115	84.9	34.0	51.0#

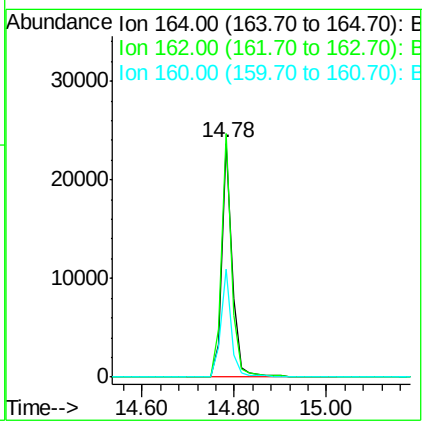


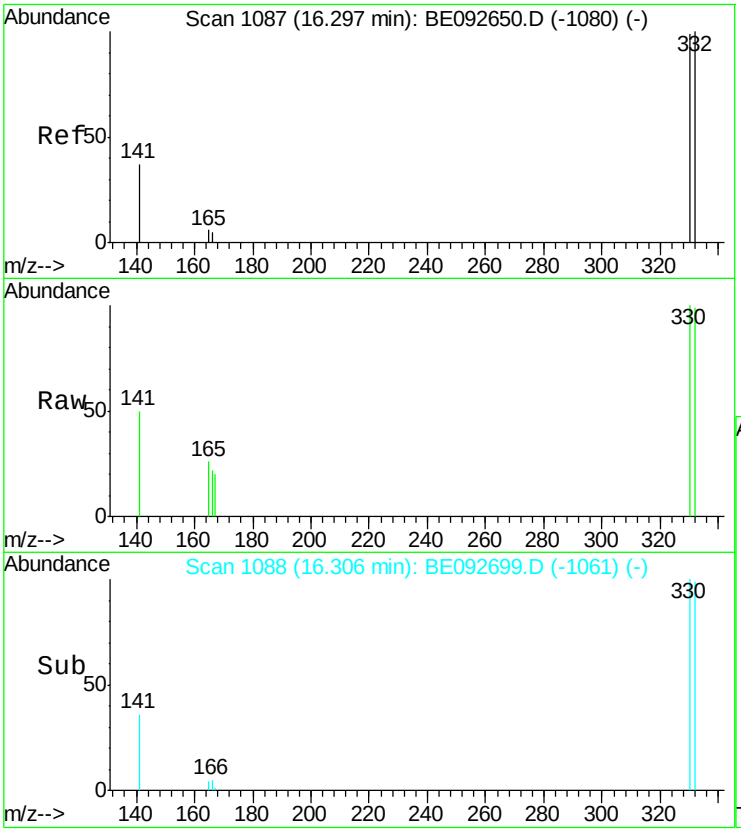


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:164 Resp: 37763

Ion	Ratio	Lower	Upper
164	100		
162	104.0	71.4	107.0
160	46.2	27.4	41.2#



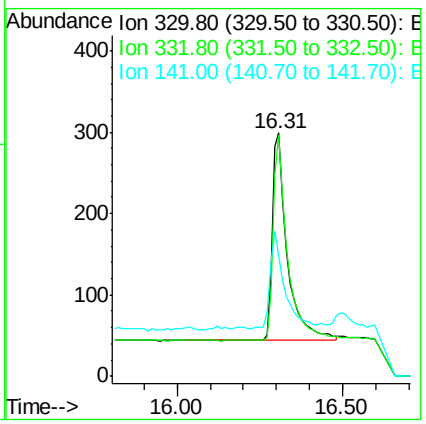


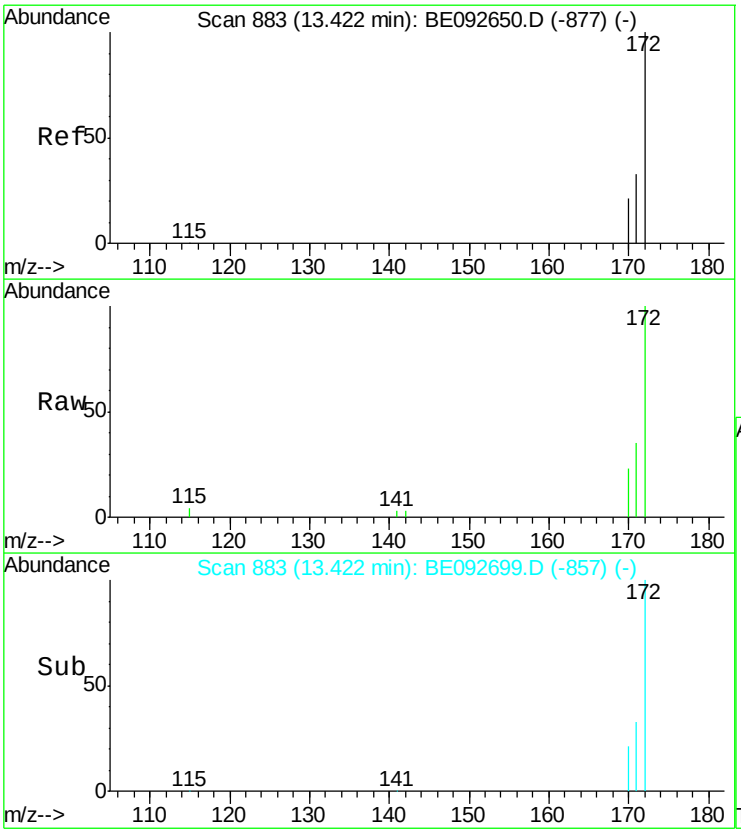
#13
2,4,6-Tribromophenol
Concen: 0.83 ng
RT: 16.31 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:330 Resp: 789

Ion	Ratio	Lower	Upper
330	100		
332	100.9	75.4	113.0
141	45.0	31.0	46.6

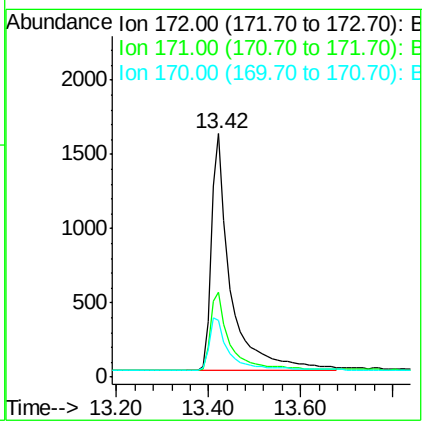


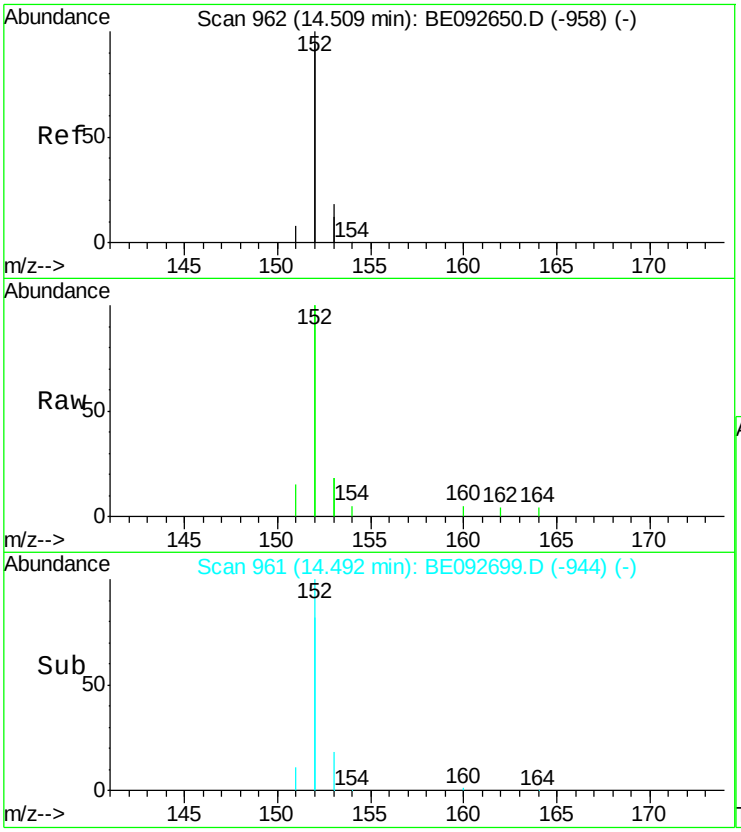


#14
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 13.42 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:172 Resp: 4625

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.1	45.1
170	23.3	21.8	32.6



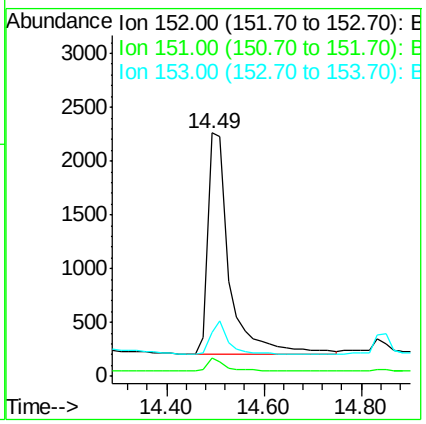


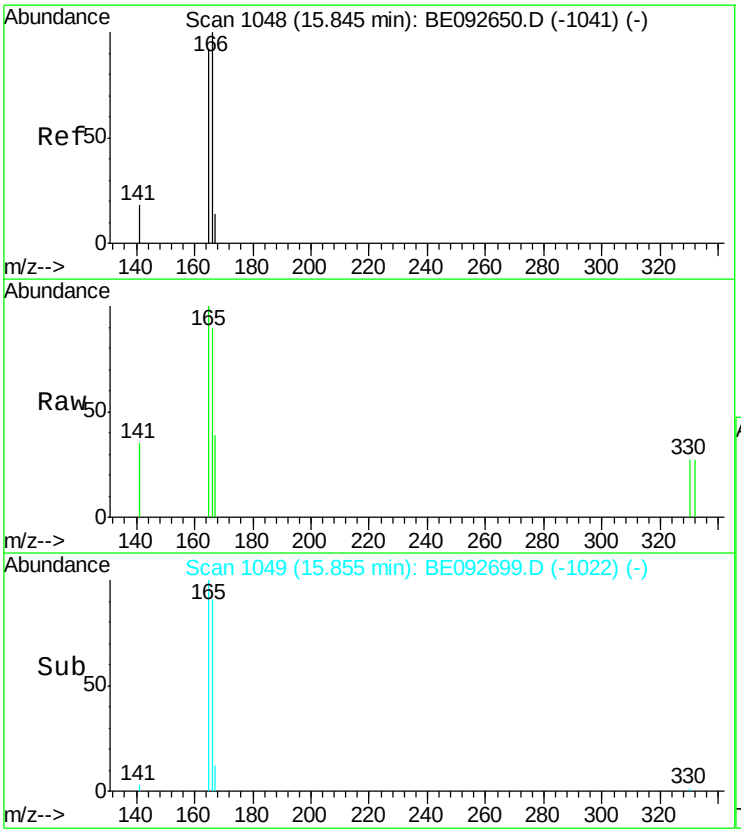
#15
Acenaphthylene
Concen: 0.12 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:152 Resp: 6282

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.9	10.4	15.6

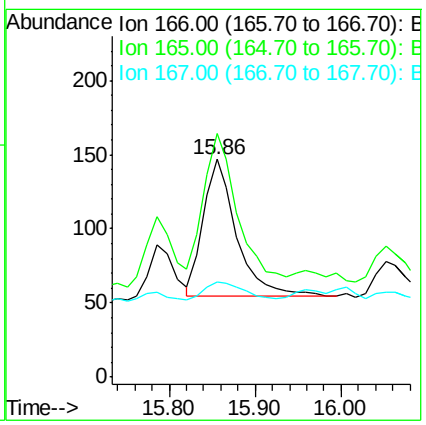


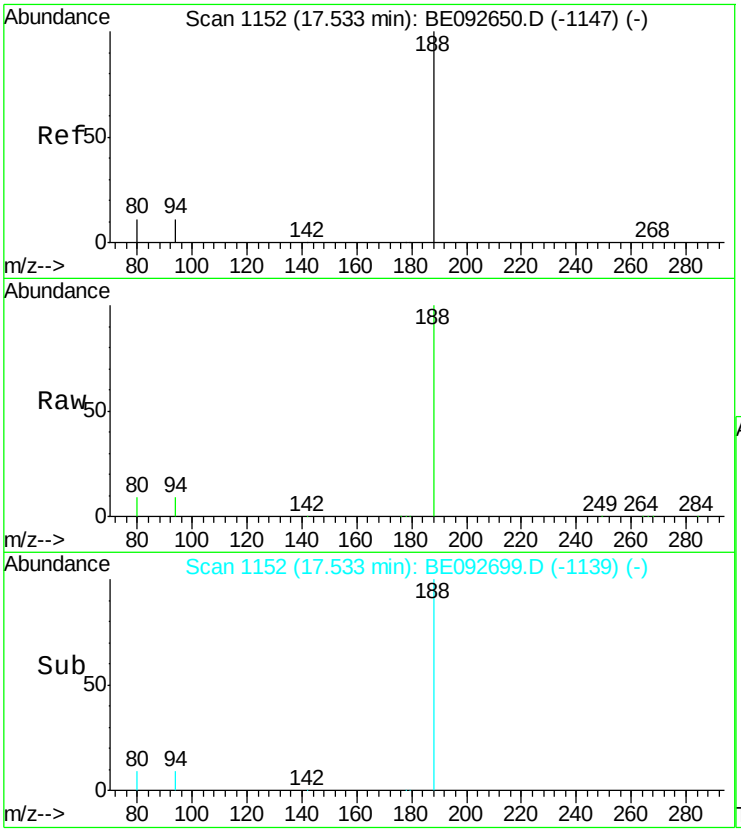


#17
Fluorene
Concen: 0.02 ng
RT: 15.86 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:166 Resp: 244

Ion	Ratio	Lower	Upper
166	100		
165	106.6	78.2	117.4
167	16.0	11.0	16.4



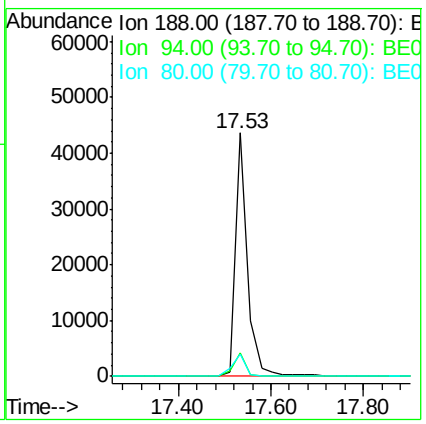


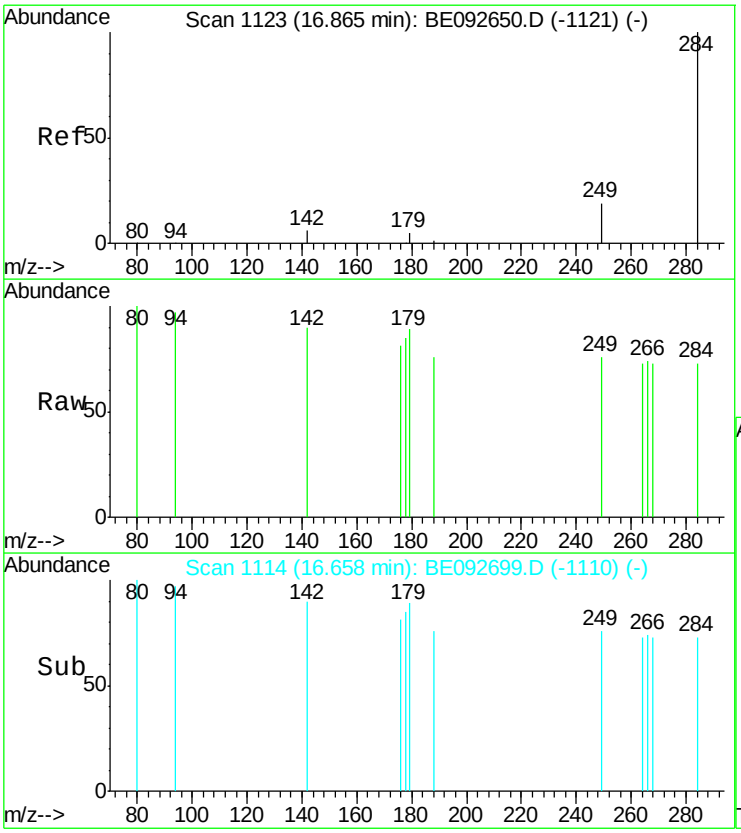
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:188 Resp: 79282

Ion	Ratio	Lower	Upper
188	100		
94	9.4	3.2	4.8#
80	9.1	2.6	3.8#

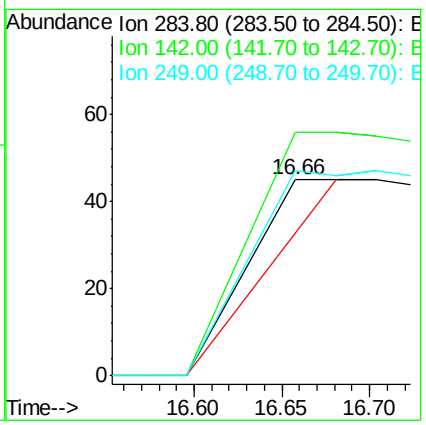


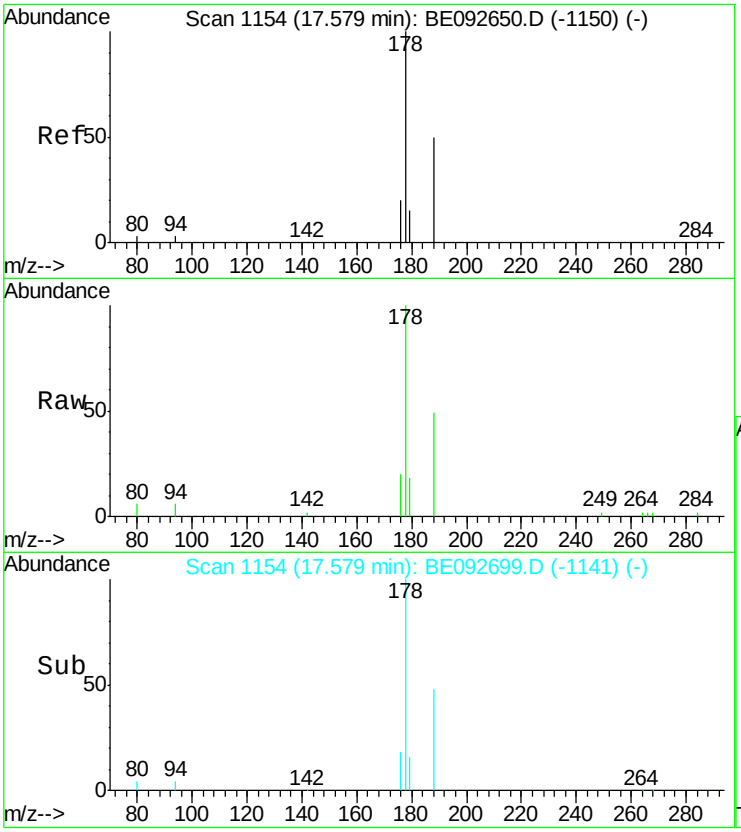


#19
Hexachlorobenzene
Concen: Below Cal
RT: 16.66 min Scan# 1114
Delta R.T. -0.21 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:284 Resp: 115

Ion	Ratio	Lower	Upper
284	100		
142	313.9	29.1	43.7#
249	317.4	27.9	41.9#



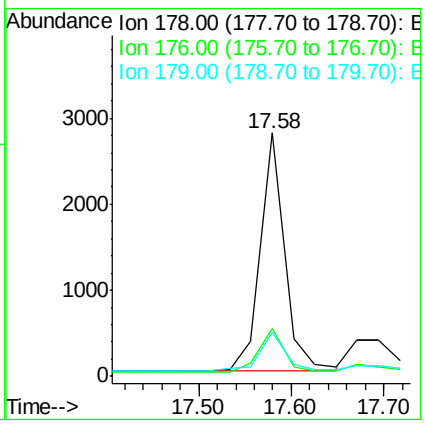


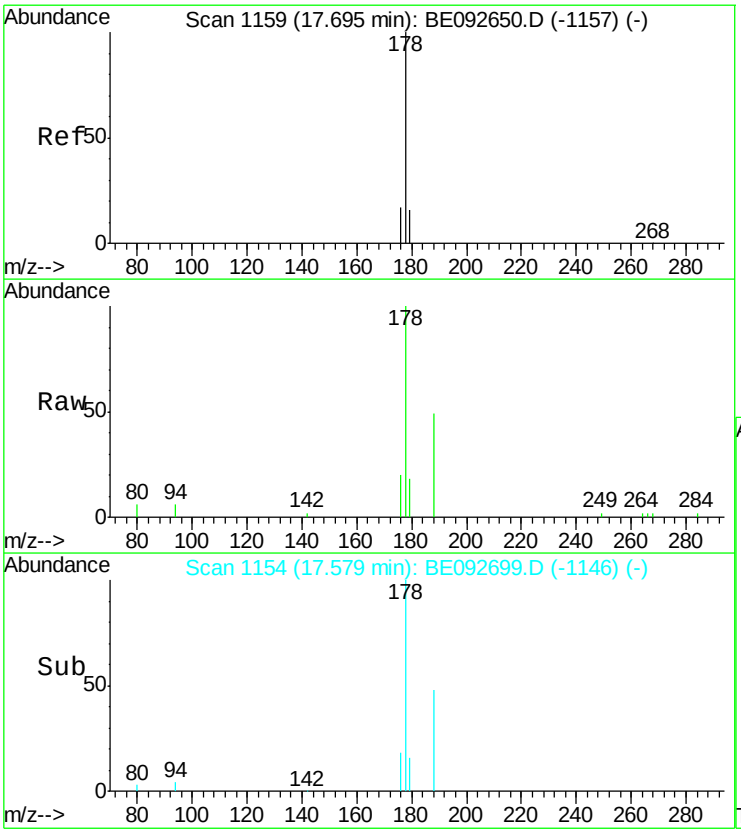
#21
Phenanthrene
Concen: 0.29 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:178 Resp: 5020

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	17.6	16.0	24.0

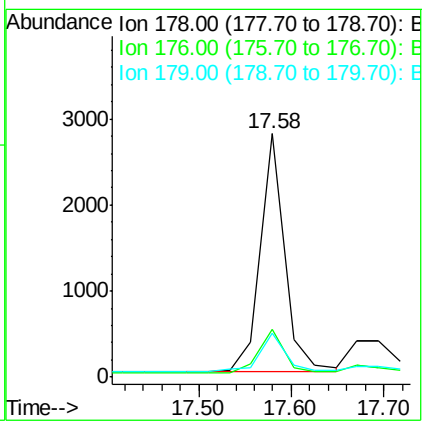


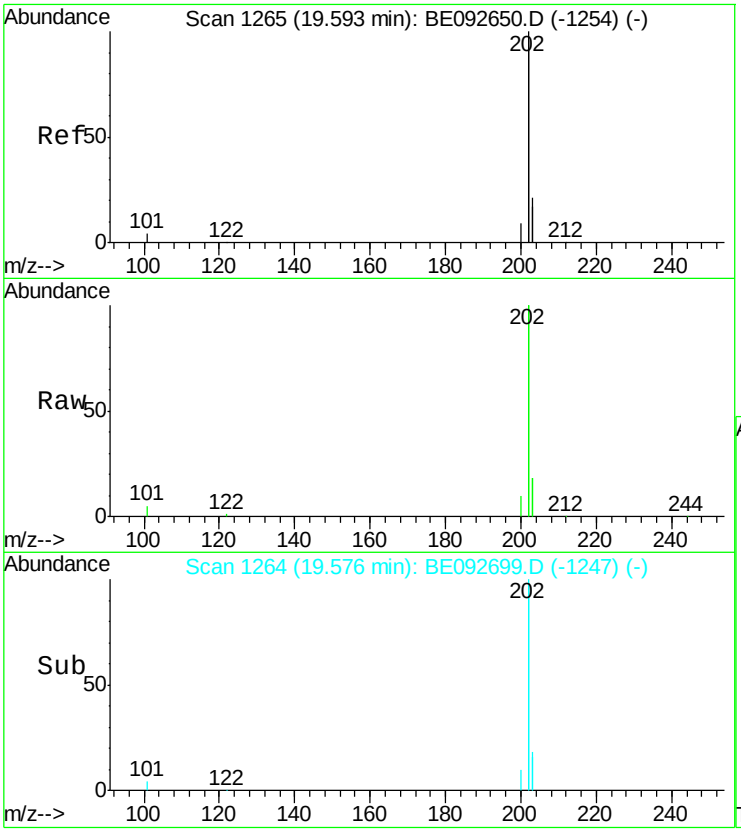


#22
Anthracene
Concen: 0.31 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.12 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:178 Resp: 5020

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	17.6	12.2	18.2



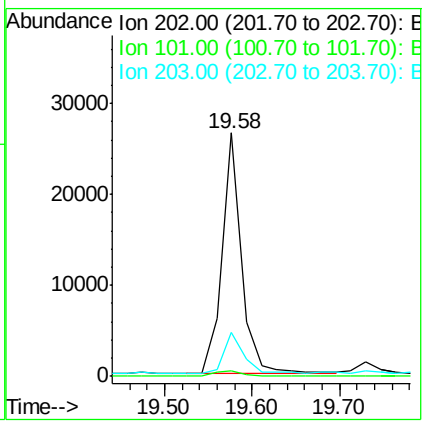


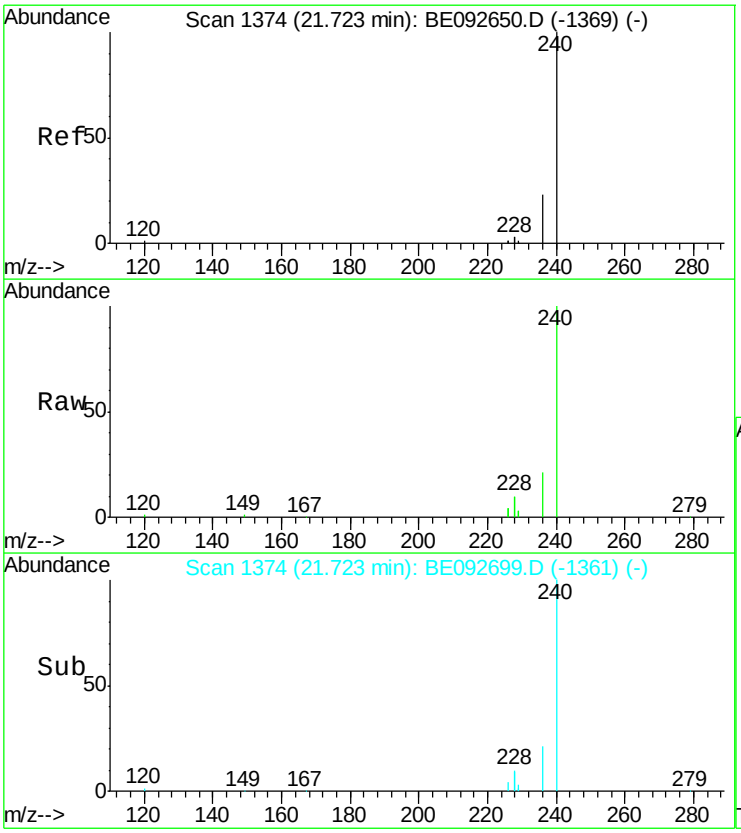
#23
Fluoranthene
Concen: 0.53 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:202 Resp: 41505

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.6	13.7	20.5

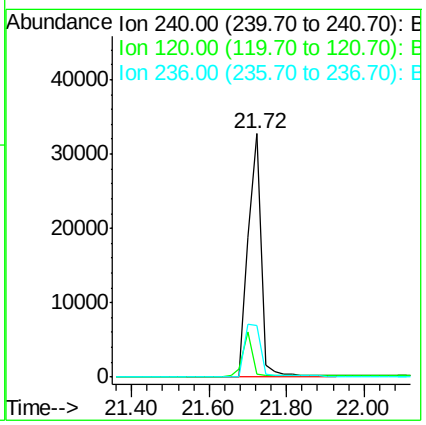


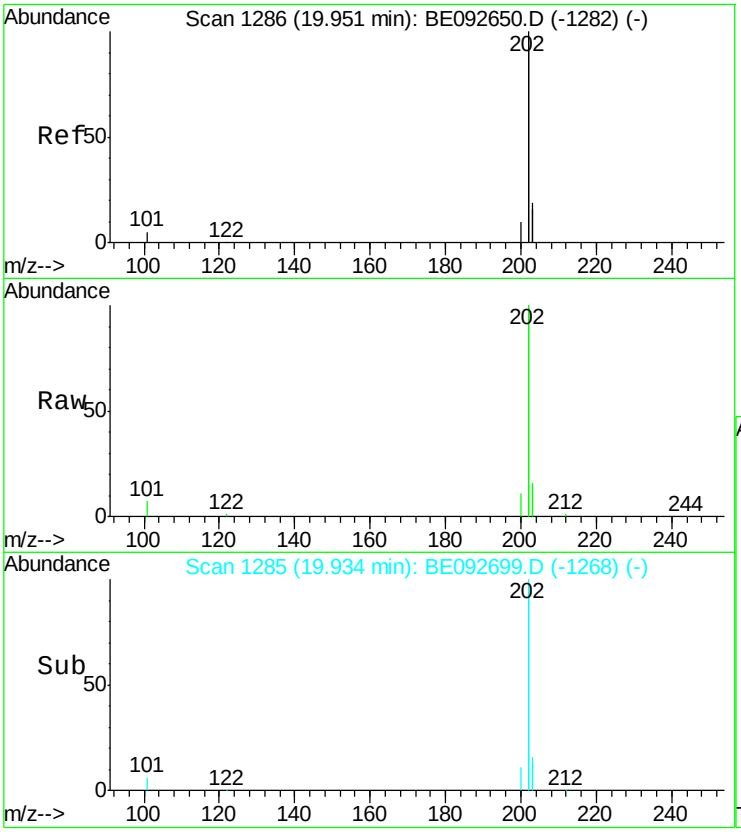


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:240 Resp: 74542

Ion	Ratio	Lower	Upper
240	100		
120	1.2	2.6	4.0#
236	21.4	24.6	37.0#



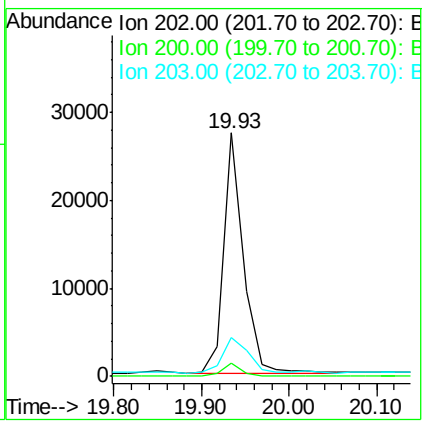


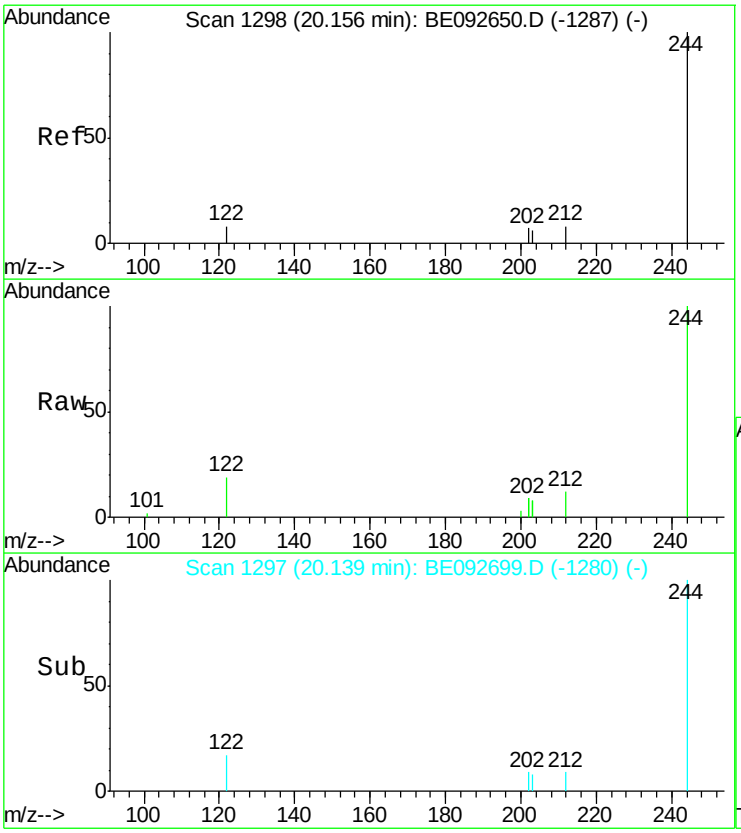
#25
Pyrene
Concen: 0.58 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:202 Resp: 42857

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	19.8	13.9	20.9

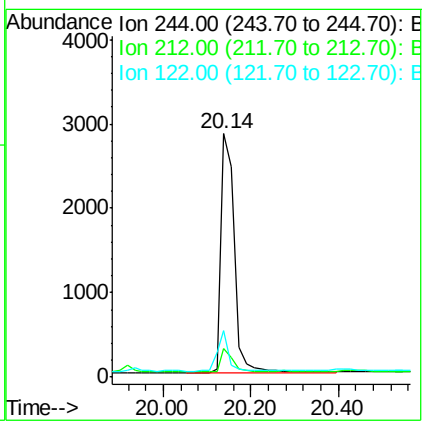


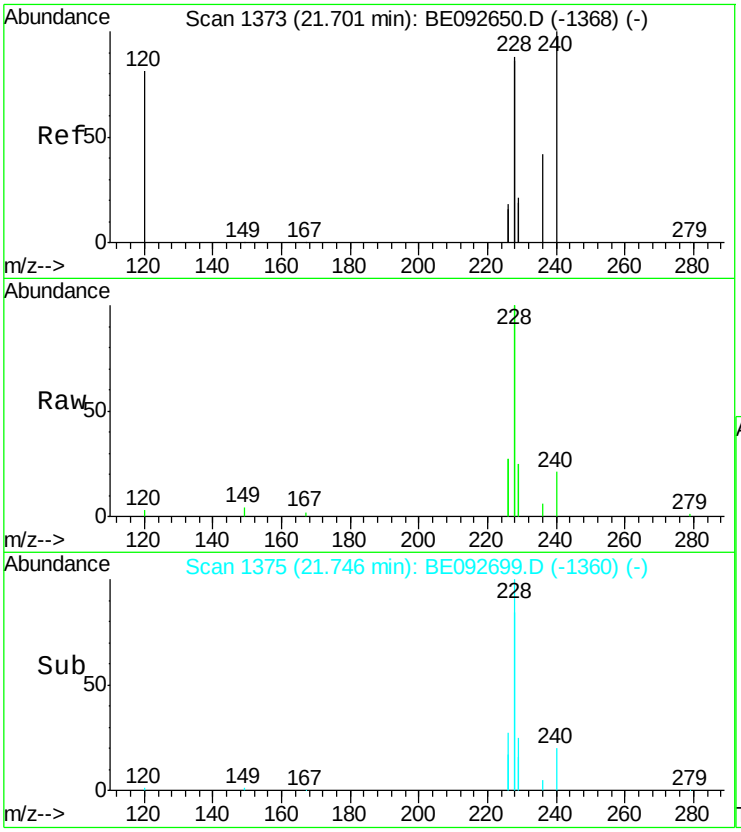


#26
Terphenyl-d14
Concen: 0.58 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:244 Resp: 6132

Ion	Ratio	Lower	Upper
244	100		
212	11.7	6.7	10.1#
122	19.2	3.6	5.4#



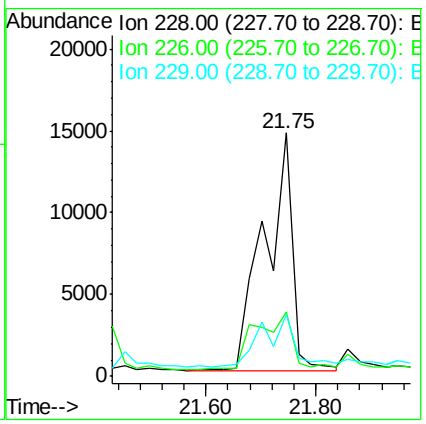


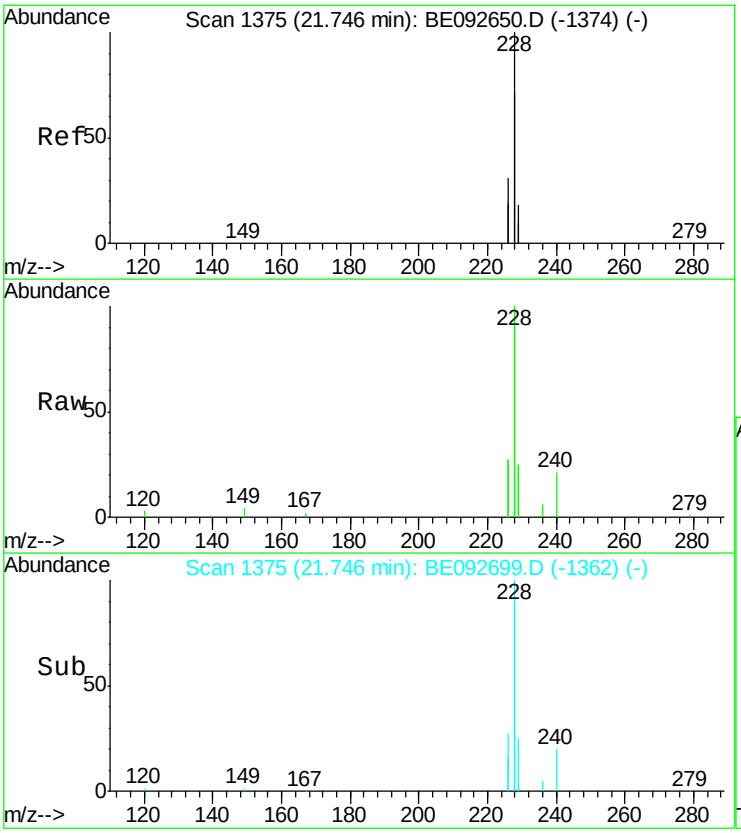
#27
Benzo(a)anthracene
Concen: 0.69 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:228 Resp: 50802

Ion	Ratio	Lower	Upper
228	100		
226	26.7	23.6	35.4
229	25.4	13.3	19.9#

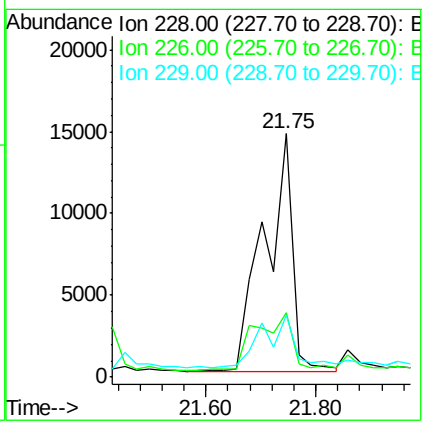


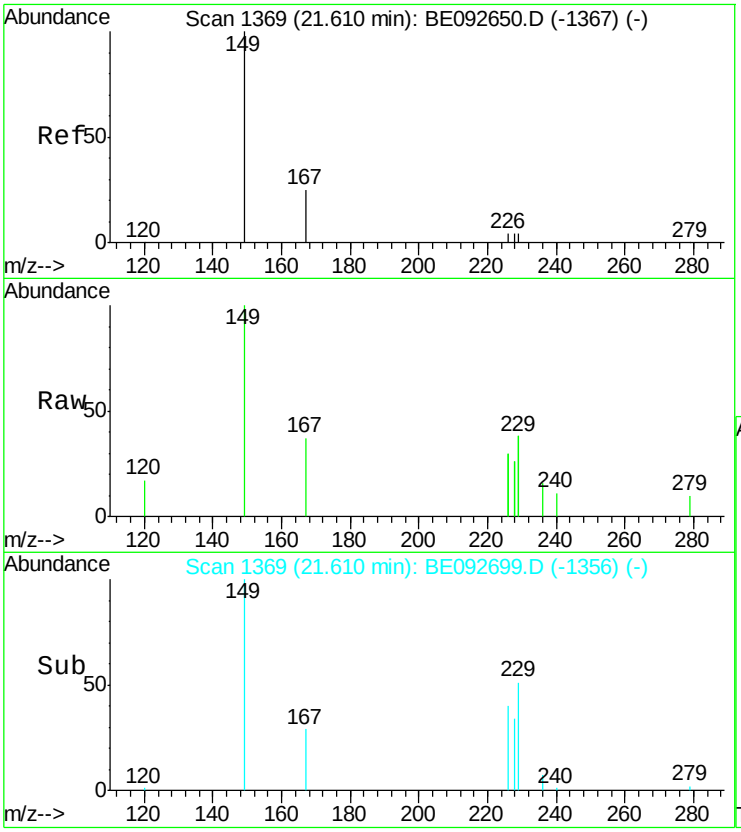


#28
Chrysene
Concen: 0.61 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:228 Resp: 50802

Ion	Ratio	Lower	Upper
228	100		
226	26.7	36.3	54.5#
229	25.4	10.6	16.0#



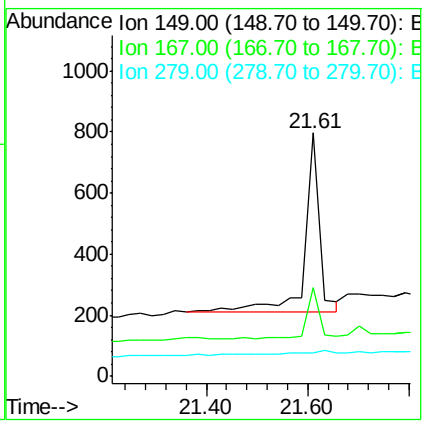


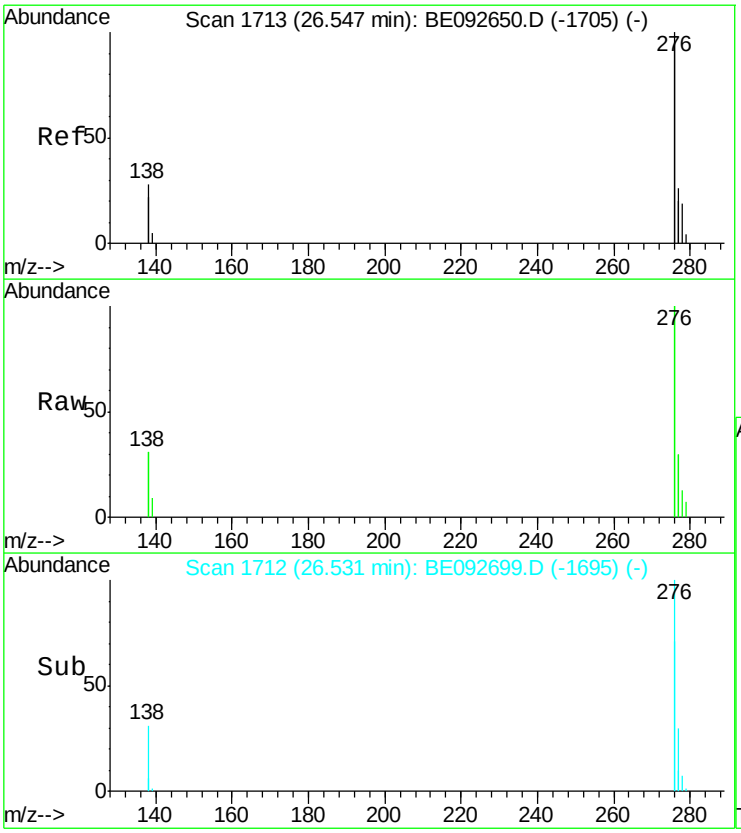
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:149 Resp: 1164

Ion	Ratio	Lower	Upper
149	100		
167	25.4	16.0	24.0#
279	0.0	16.0	24.0#

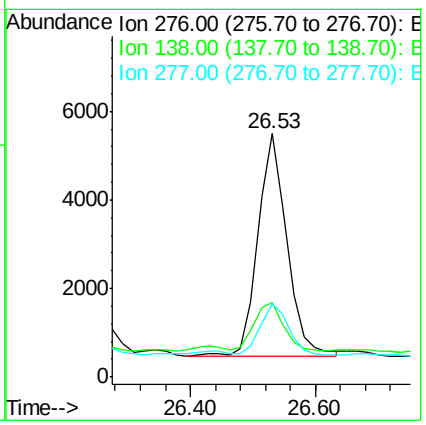


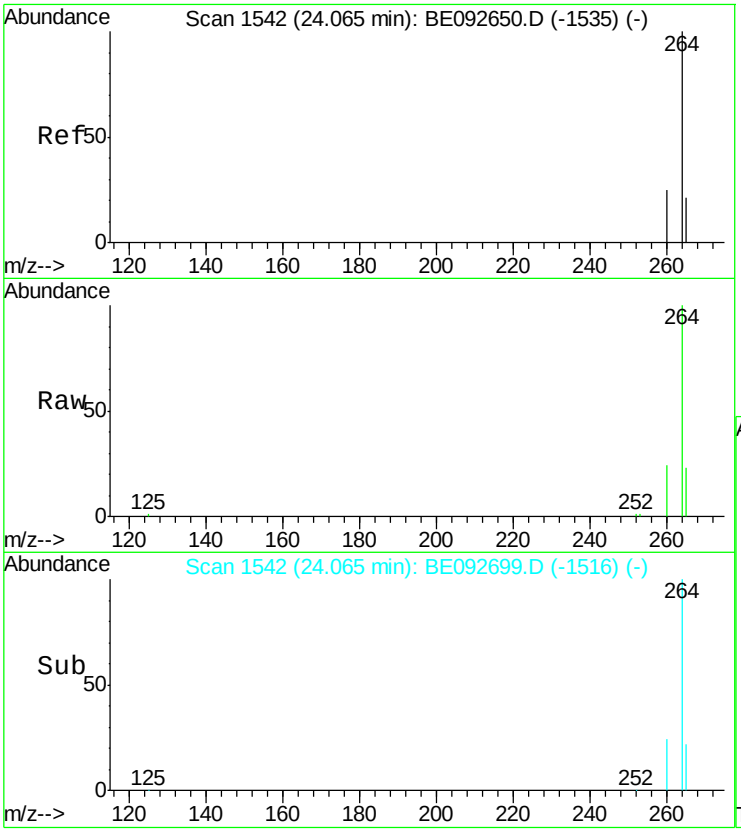


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:276 Resp: 16139

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.3	30.5
277	22.8	19.7	29.5



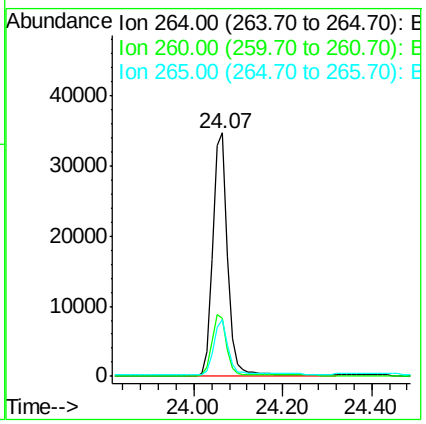


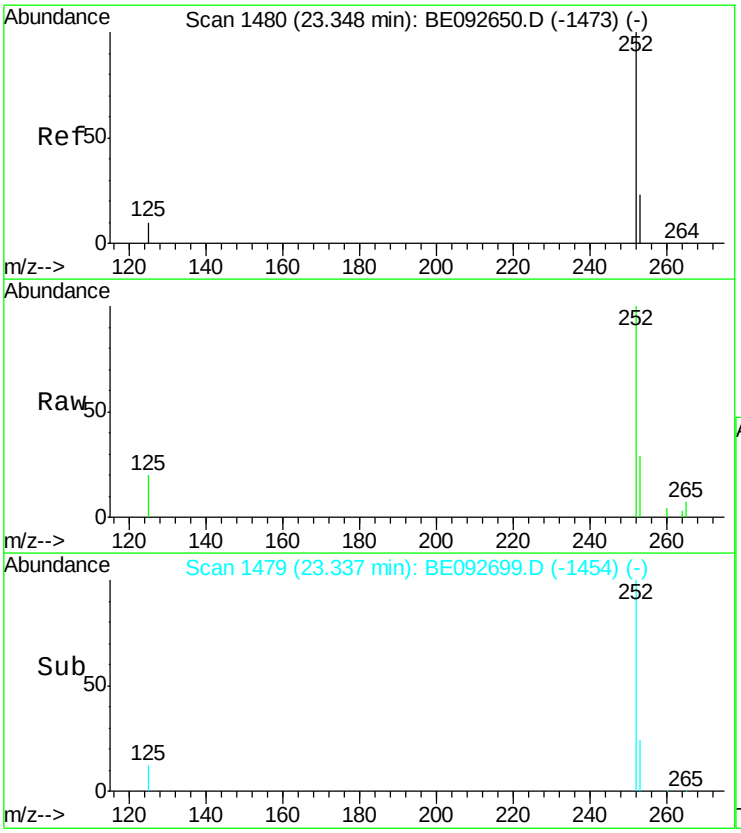
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:264 Resp: 80502

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	23.1	17.9	26.9

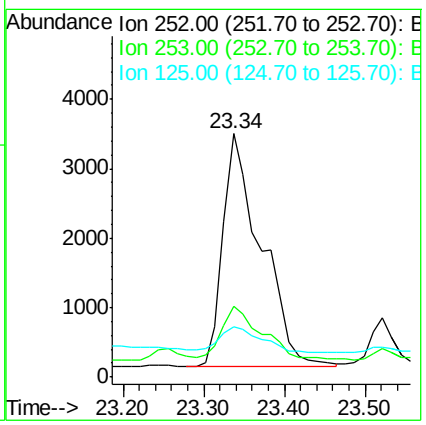


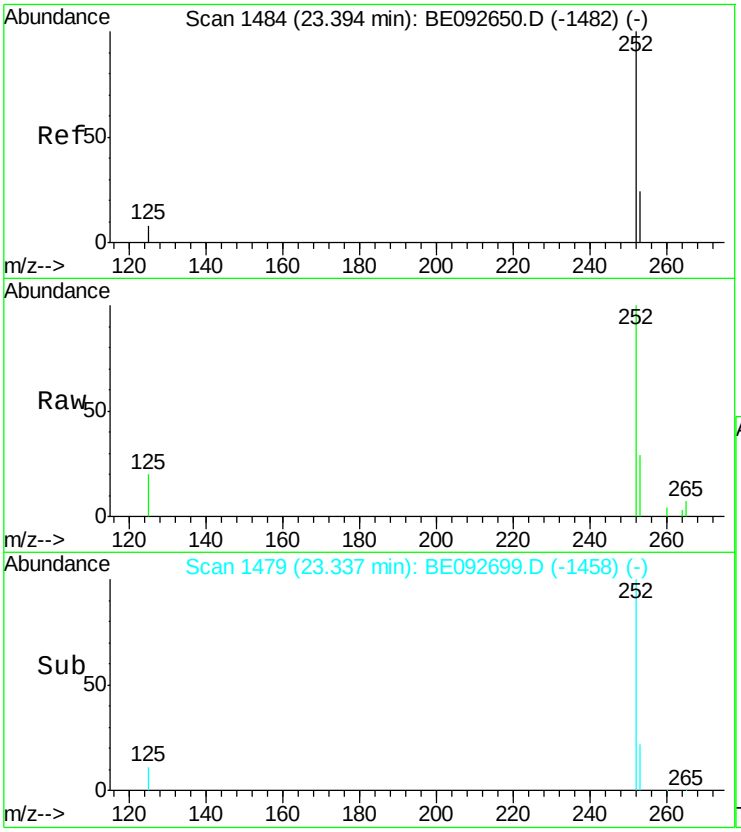


#32
Benzo(b)fluoranthene
Concen: 0.57 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:252 Resp: 11008

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.7	28.1#
125	20.4	10.5	15.7#



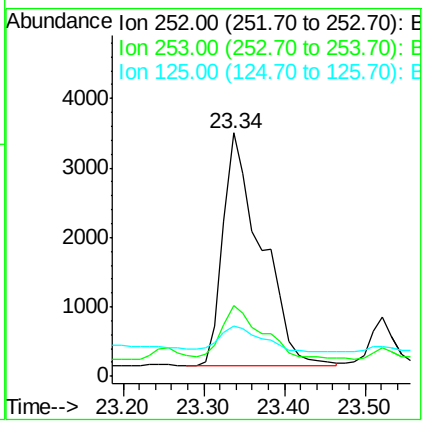


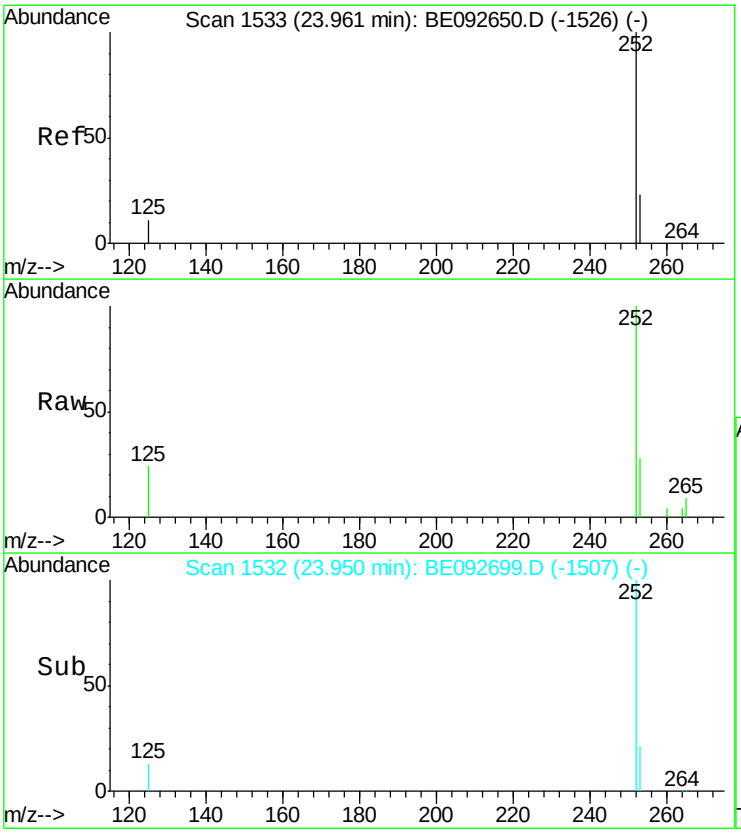
#33
Benzo(k)fluoranthene
Concen: 0.56 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.06 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:252 Resp: 11008

Ion	Ratio	Lower	Upper
252	100		
253	29.3	20.3	30.5
125	20.4	9.6	14.4#

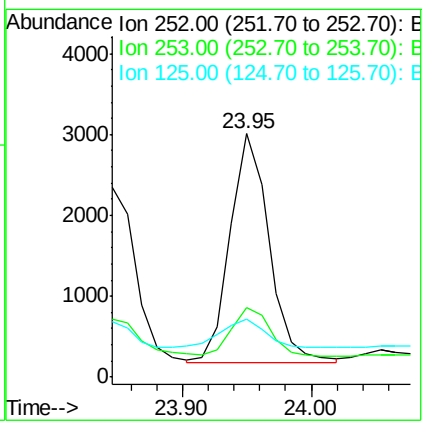


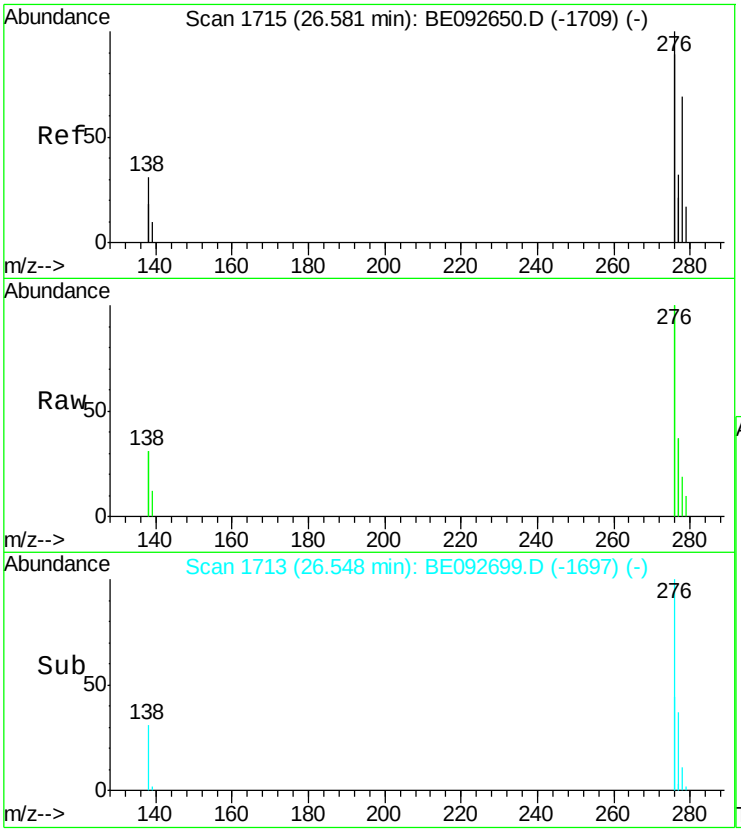


#34
Benzo(a)pyrene
Concen: 0.33 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:252 Resp: 5998

Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.0	28.6
125	23.8	11.8	17.8#



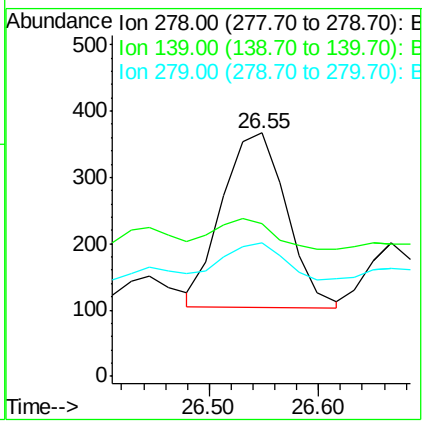


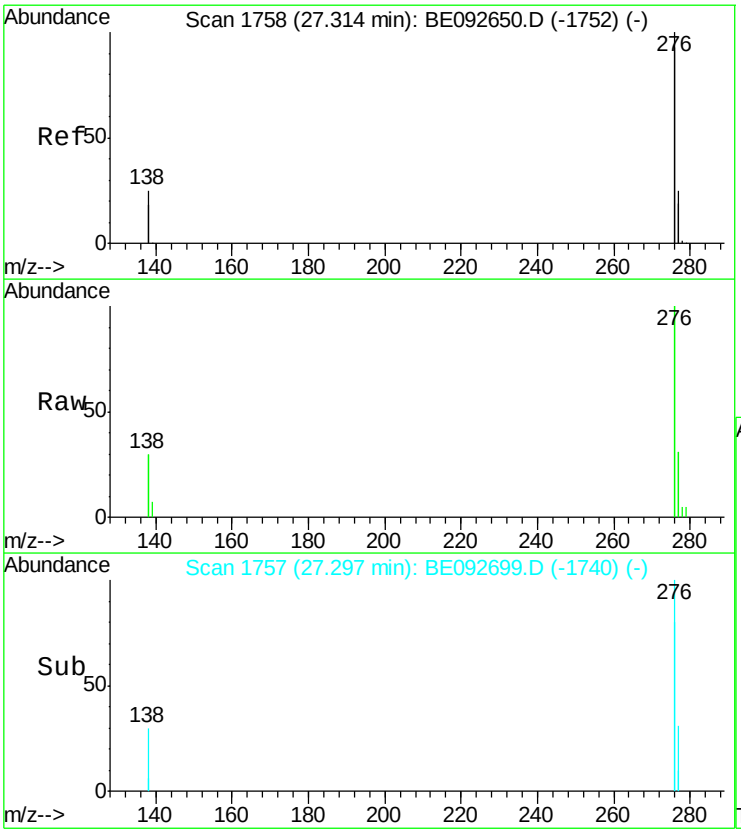
#35
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Instrument :
BNA_E
ClientSampleId :
SB-01

Tgt Ion:278 Resp: 1069

Ion	Ratio	Lower	Upper
278	100		
139	62.9	13.8	20.8#
279	55.0	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.23 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092699.D
Acq: 31 Jan 2017 22:43

Tgt Ion:276 Resp: 17508

Ion	Ratio	Lower	Upper
276	100		
277	30.9	19.8	29.8#
138	30.4	19.8	29.6#