Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011516\
Data File : BE091373.D
Acq On : 15 Jan 2016 10:17
Operator : UM/IZ
Sample : PB87820BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB87820BL

Quant Time: Jan 16 05:03:46 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 15 15:14:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	22724	5.00	ng	0.00
4) Naphthalene-d8	9.55	136	94665	5.00	ng	0.00
8) Acenaphthene-d10	13.36	164	44752	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	131435	5.00	ng	0.00
18) Chrysene-d12	20.22	240	121278	5.00	ng	0.00
24) Perylene-d12	22.10	264	110214	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.90	112	33669	8.79	ng	-0.04
3) Phenol-d6	6.54	99	47282	7.32	ng	-0.03
5) Nitrobenzene-d5	8.17	82	24886	3.71	ng	0.00
9) 2,4,6-Tribromophenol	14.89	330	6562	4.43	ng	0.00
10) 2-Fluorobiphenyl	12.02	172	50428	4.09	ng	0.00
20) Terphenyl-d14	18.62	244	72207	4.22	ng	0.00
Target Compounds						Qvalue
7) 2-Methylnaphthalene	11.15	142	2	0.37	ng	# 63
11) Acenaphthylene	13.12	152	46	0.27	ng	# 66
12) Acenaphthene	13.36	154	372	0.03	ng	# 1
13) Fluorene	14.42	166	6	0.14	ng	# 1
16) Anthracene	16.20	178	41	0.24	ng	# 65
17) Fluoranthene	18.08	202	6	0.27	ng	# 65
19) Pyrene	18.49	202	13	0.39	ng	# 62
21) Benzo(a)anthracene	20.22	228	552	0.40	ng	# 80
23) Indeno(1,2,3-cd)pyrene	23.71	276	12	0.35	ng	# 49
25) Benzo(b)fluoranthene	21.53	252	3	0.28	ng	# 1
26) Benzo(k)fluoranthene	21.57	252	36	0.26	ng	# 1
27) Benzo(a)pyrene	22.01	252	61	0.27	ng	# 1
28) Dibenzo(a,h)anthracene	23.61	278	4	0.44	ng	# 1
29) Benzo(g,h,i)perylene	24.25	276	4	0.34	ng	# 1

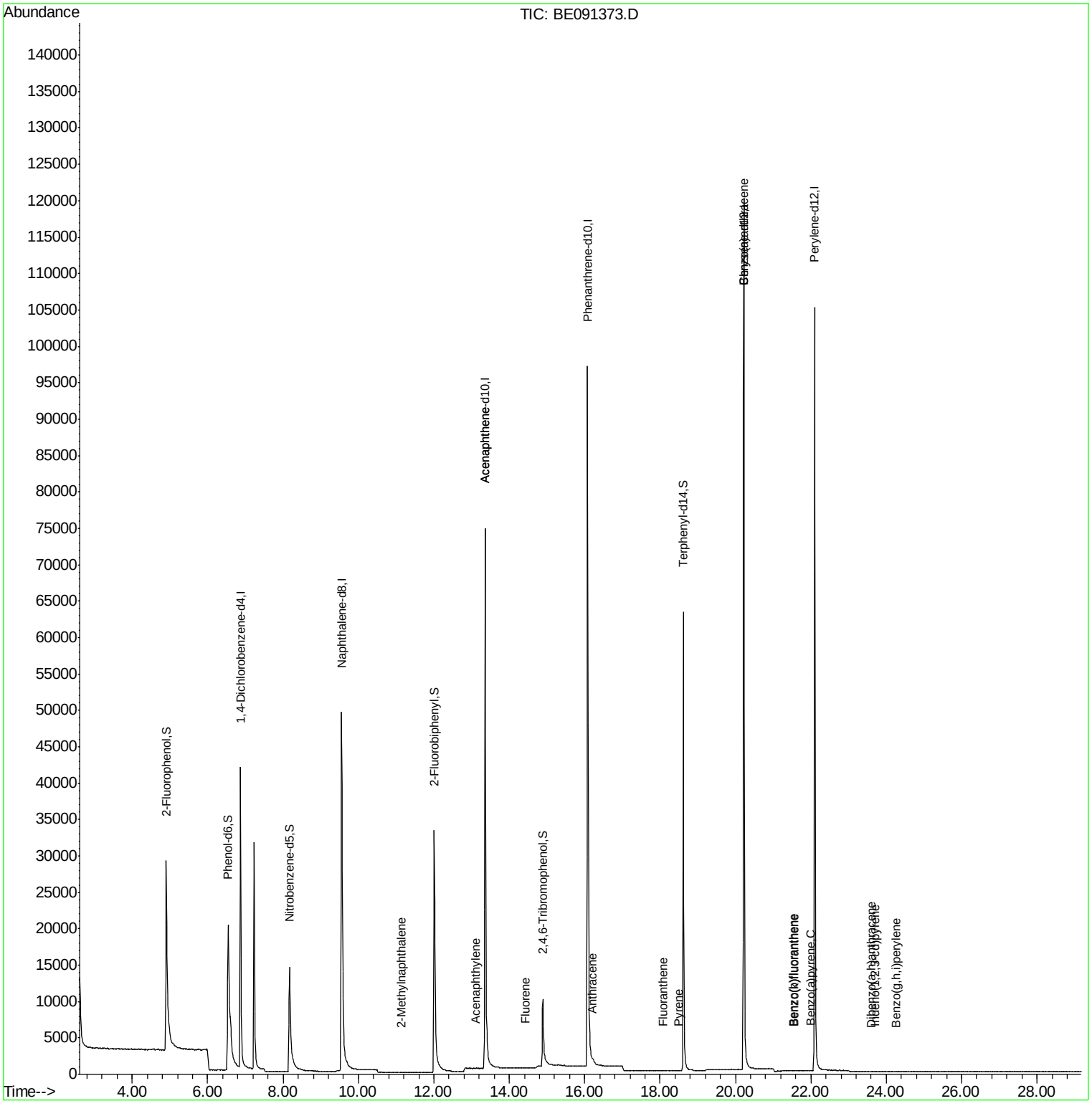
(#) = qualifier out of range (m) = manual integration (+) = signals summed

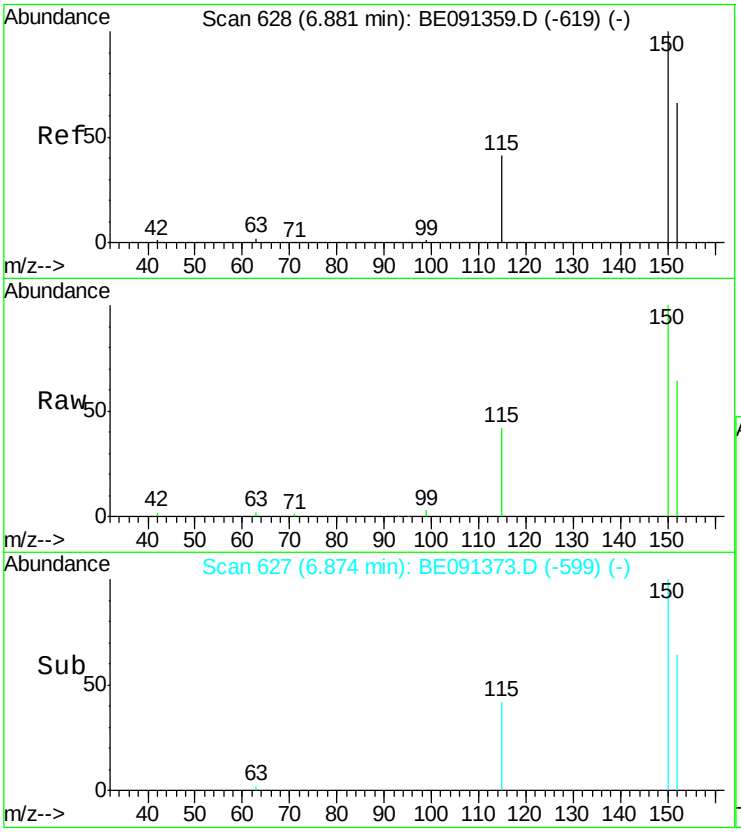
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011516\
Data File : BE091373.D
Acq On : 15 Jan 2016 10:17
Operator : UM/IZ
Sample : PB87820BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Quant Time: Jan 16 05:03:46 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 15 15:14:26 2016
Response via : Initial Calibration



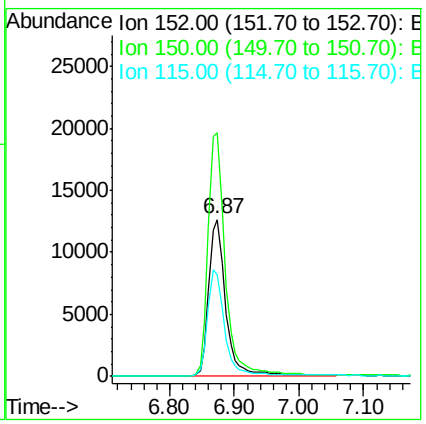


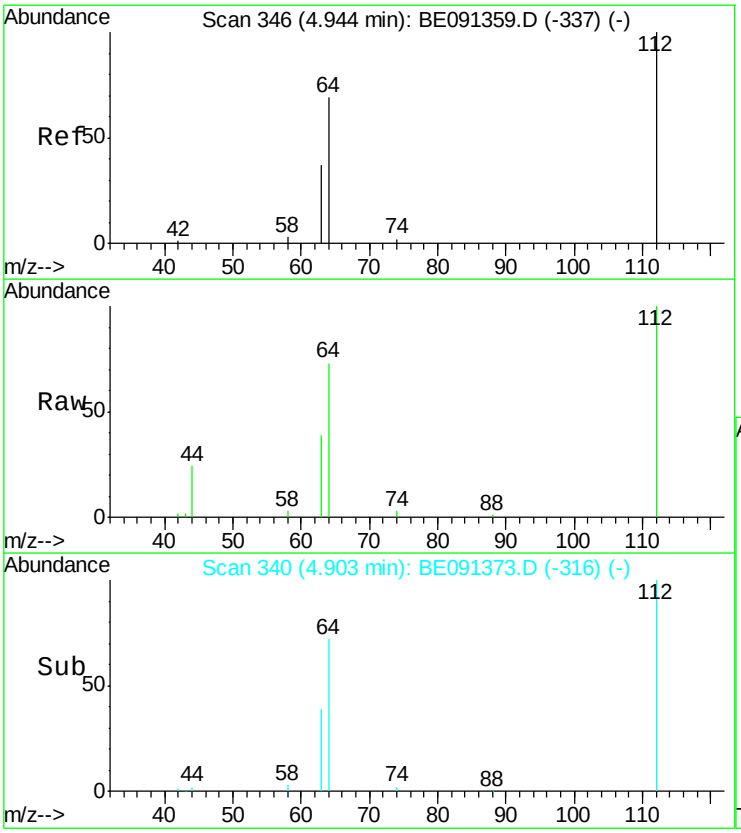
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 627
Delta R.T. -0.01 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion:152 Resp: 22724

Ion	Ratio	Lower	Upper
152	100		
150	155.2	121.6	182.4
115	64.9	50.6	75.8

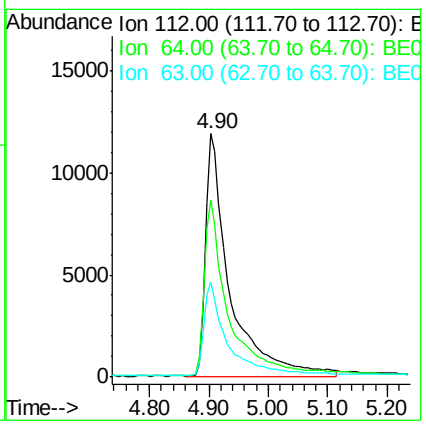


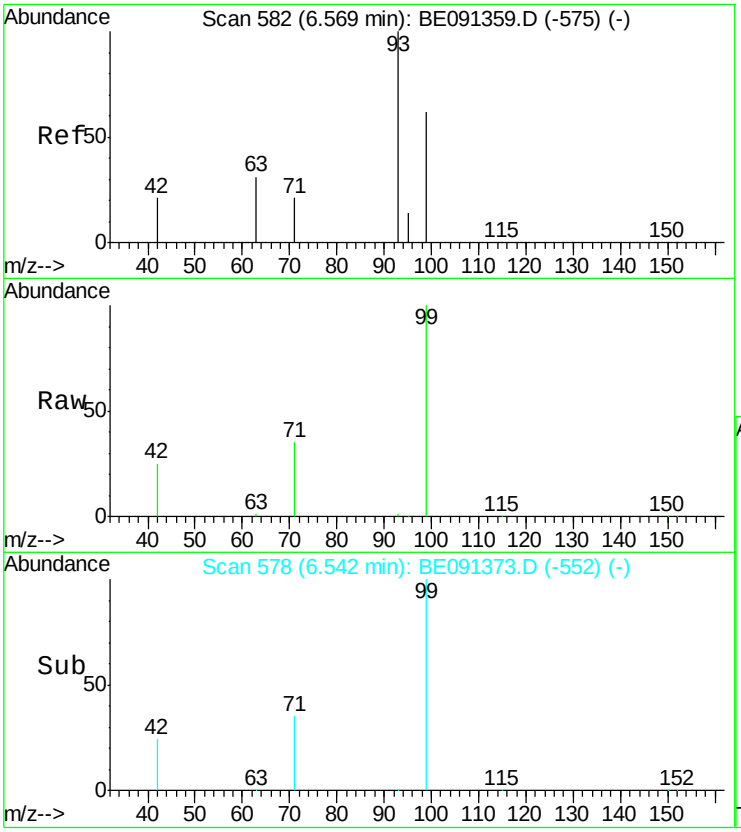


#2
2-Fluorophenol
Concen: 8.79 ng
RT: 4.90 min Scan# 340
Delta R.T. -0.04 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:112 Resp: 33669

Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.4	86.0
63	37.9	32.2	48.2



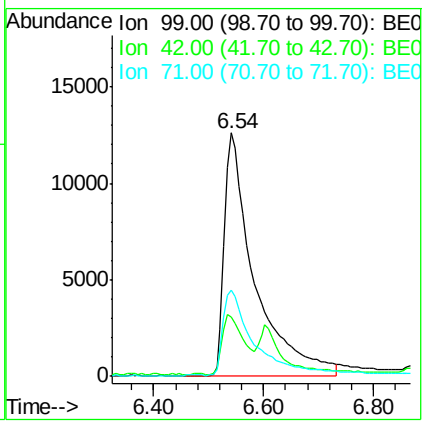


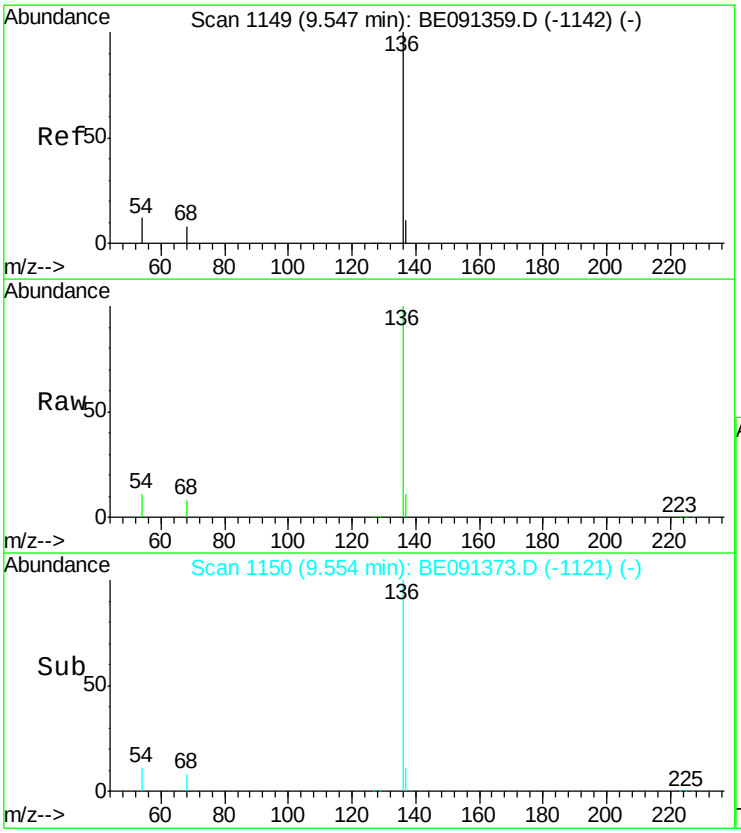
#3
Phenol-d6
Concen: 7.32 ng
RT: 6.54 min Scan# 578
Delta R.T. -0.03 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion: 99 Resp: 47282

Ion	Ratio	Lower	Upper
99	100		
42	17.6	22.9	34.3#
71	36.4	35.4	53.2

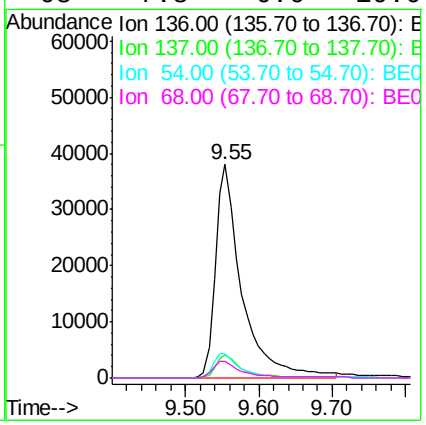


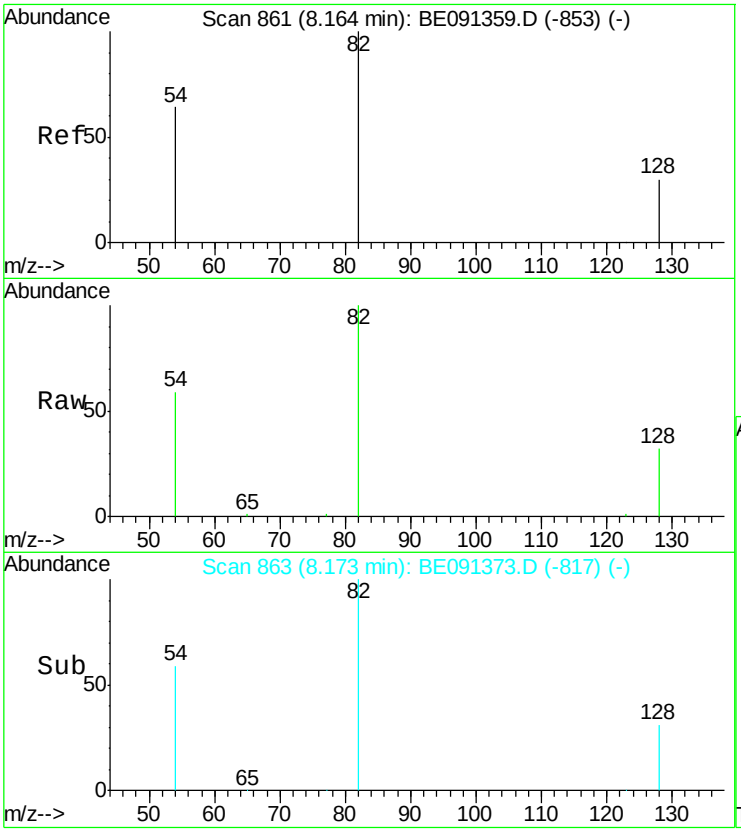


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.55 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:136 Resp: 94665

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.2	9.8	14.6
68	7.8	6.6	10.0



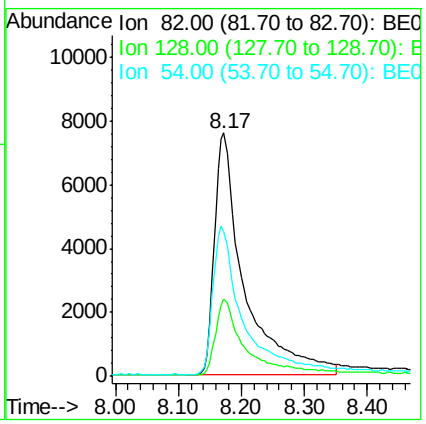


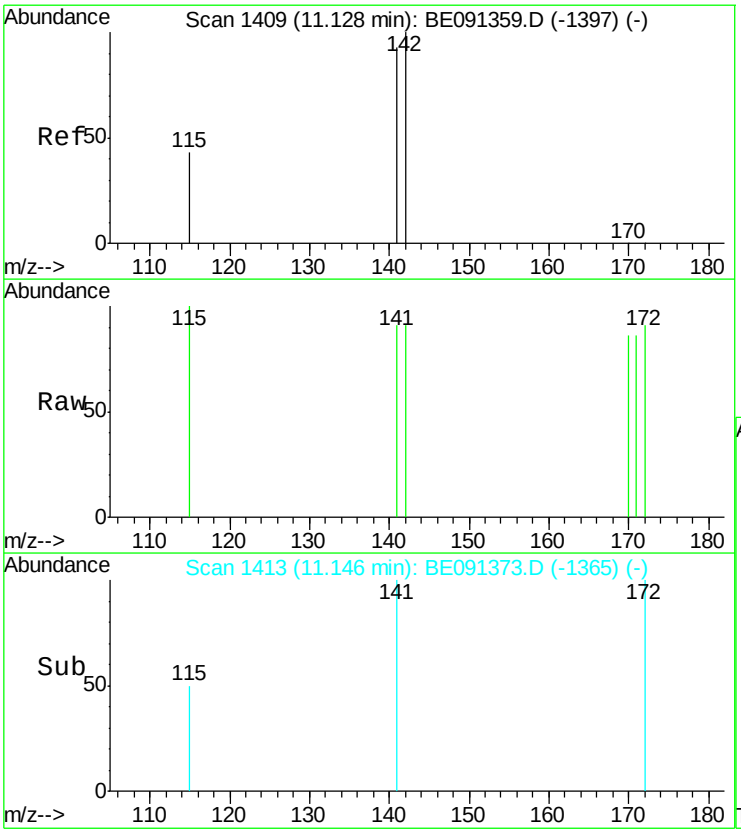
#5
Nitrobenzene-d5
Concen: 3.71 ng
RT: 8.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion: 82 Resp: 24886

Ion	Ratio	Lower	Upper
82	100		
128	31.5	24.6	36.8
54	59.4	52.7	79.1

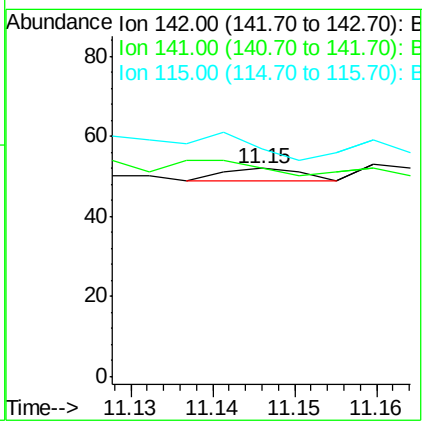


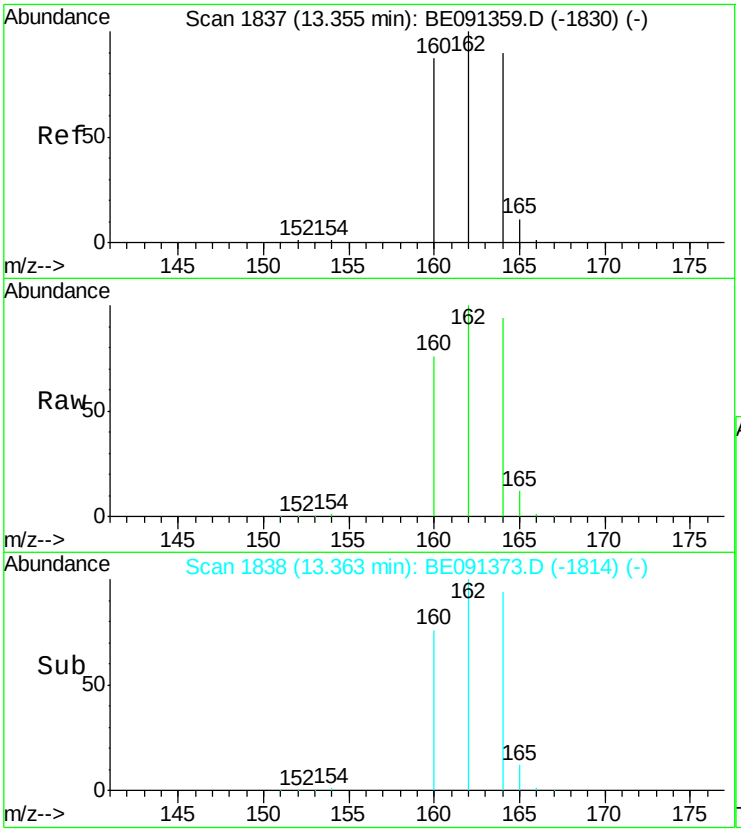


#7
2-Methylnaphthalene
Concen: 0.37 ng
RT: 11.15 min Scan# 1413
Delta R.T. 0.02 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	100.0	74.5	111.7
115	109.6	35.2	52.8#



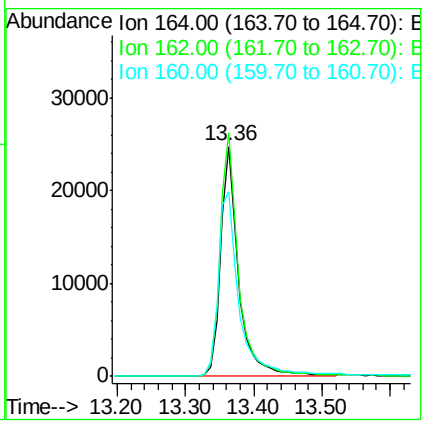


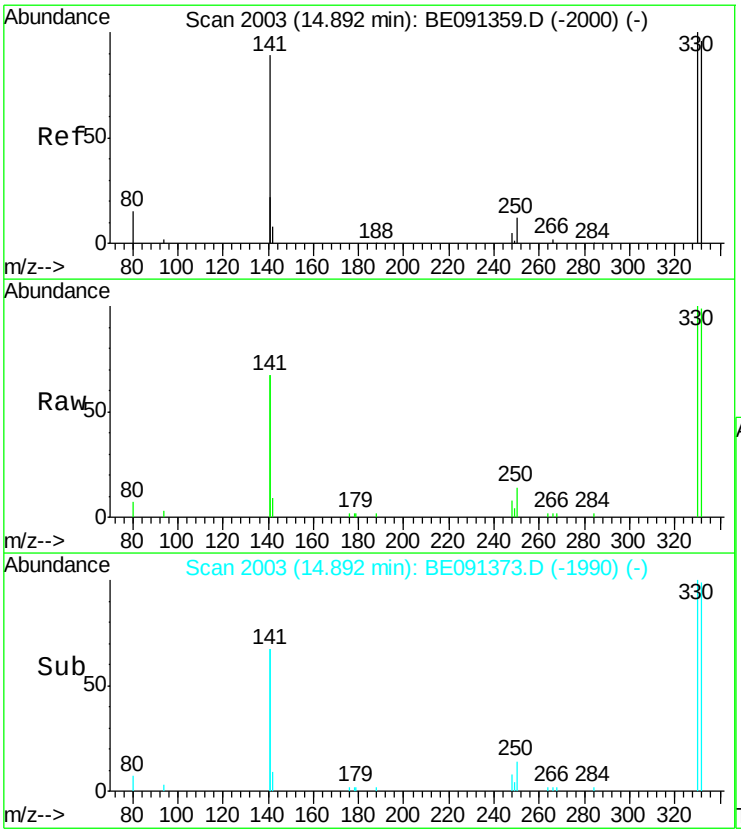
#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.36 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion:164 Resp: 44752

Ion	Ratio	Lower	Upper
164	100		
162	106.0	88.5	132.7
160	80.3	76.7	115.1

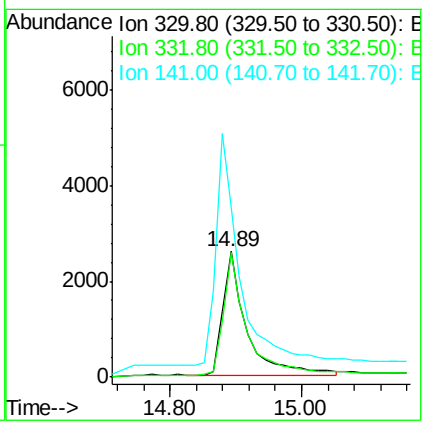


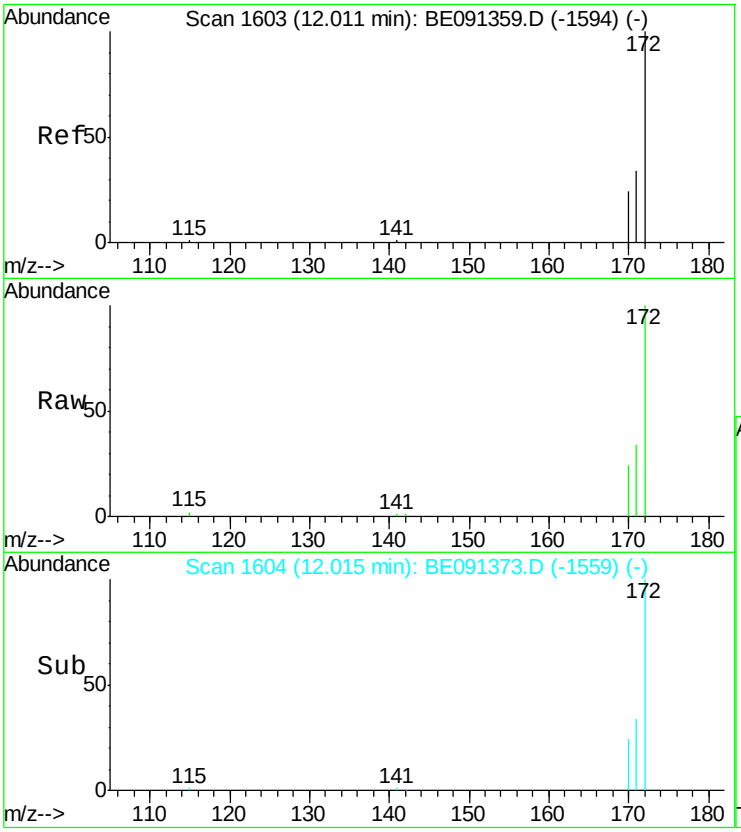


#9
2,4,6-Tribromophenol
Concen: 4.43 ng
RT: 14.89 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:330 Resp: 6562

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.6	118.0
141	190.8	147.8	221.8



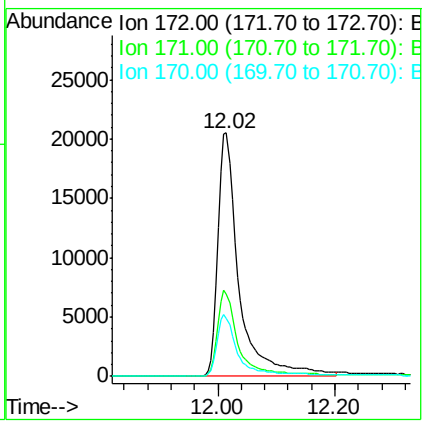


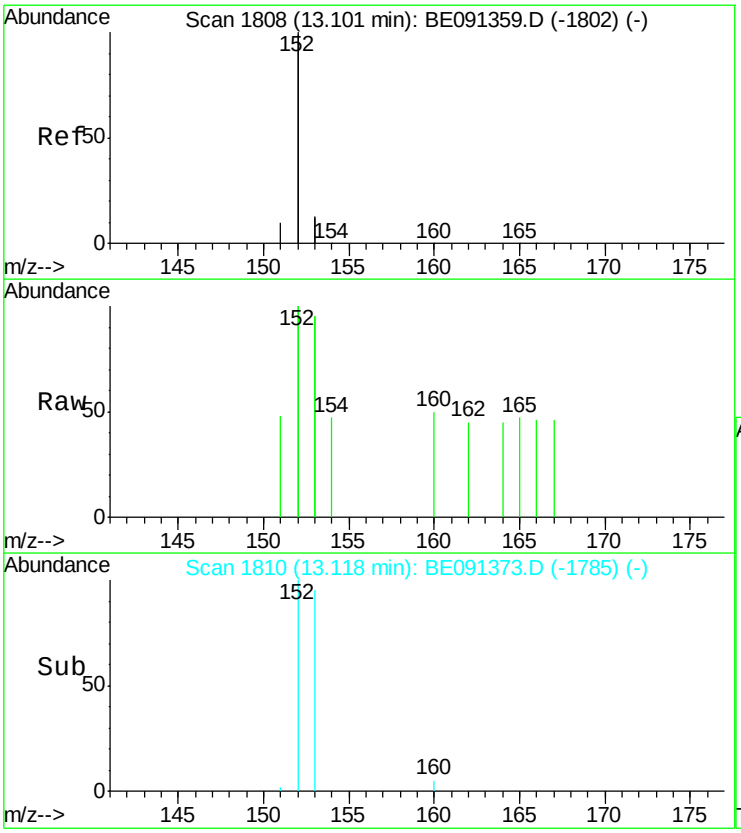
#10
2-Fluorobiphenyl
Concen: 4.09 ng
RT: 12.02 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion:172 Resp: 50428

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.3	40.9
170	24.0	19.8	29.6

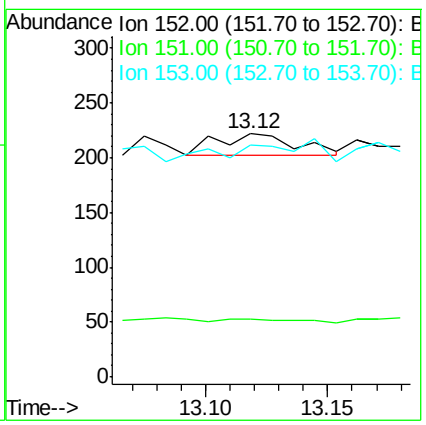


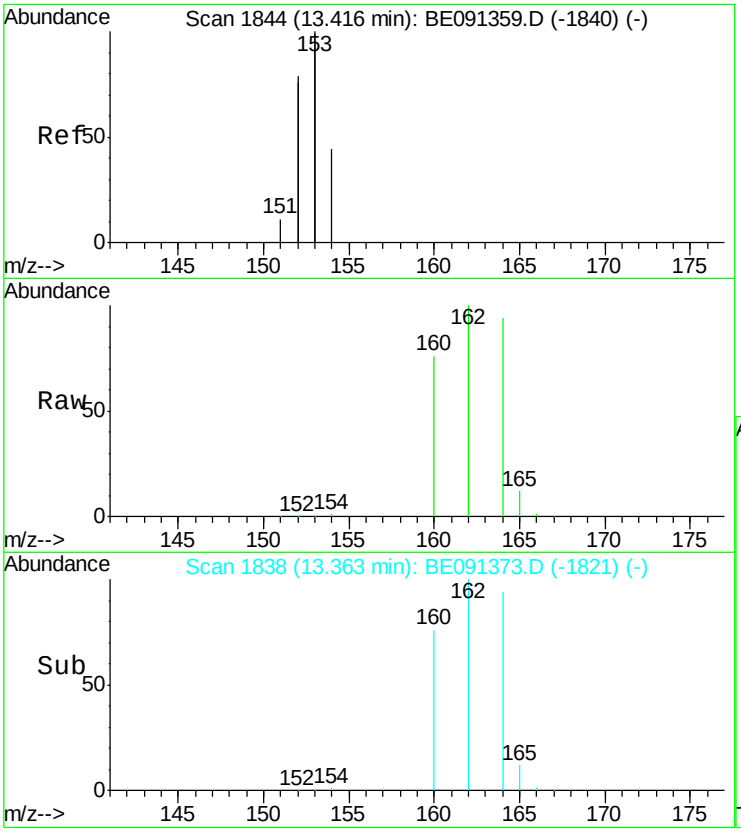


#11
Acenaphthylene
Concen: 0.27 ng
RT: 13.12 min Scan# 1810
Delta R.T. 0.02 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:152 Resp: 46

Ion	Ratio	Lower	Upper
152	100		
151	17.4	3.8	5.8#
153	0.0	10.1	15.1#



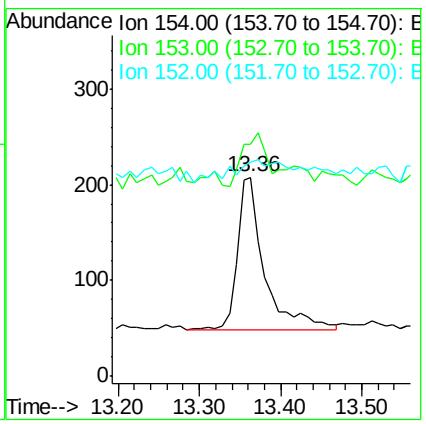


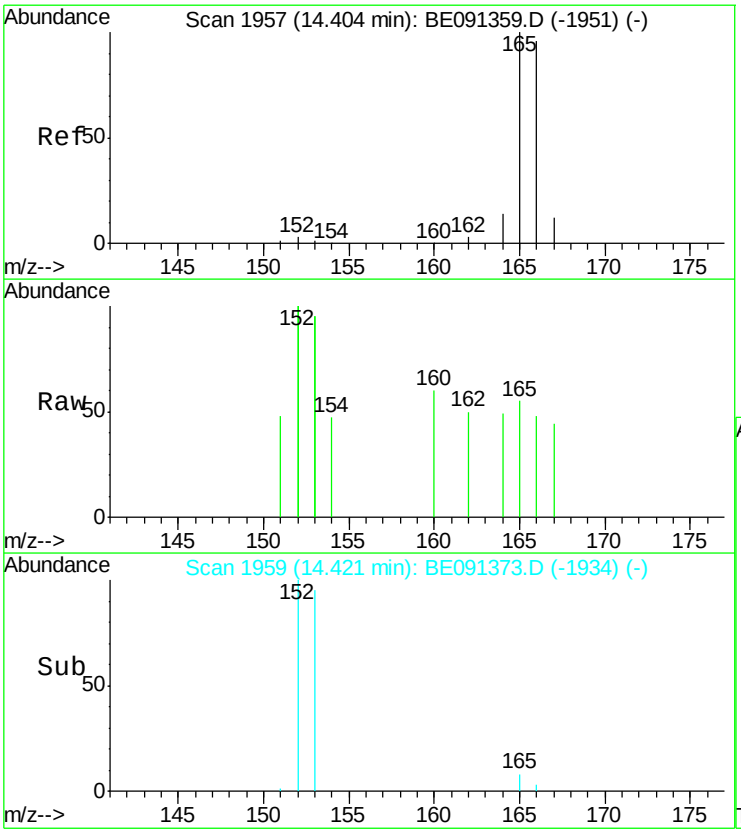
#12
Acenaphthene
Concen: 0.03 ng
RT: 13.36 min Scan# 1838
Delta R.T. -0.05 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion:154 Resp: 372

Ion	Ratio	Lower	Upper
154	100		
153	32.8	370.2	555.4#
152	29.6	310.5	465.7#

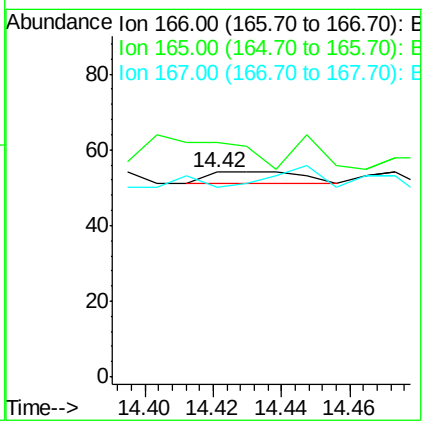


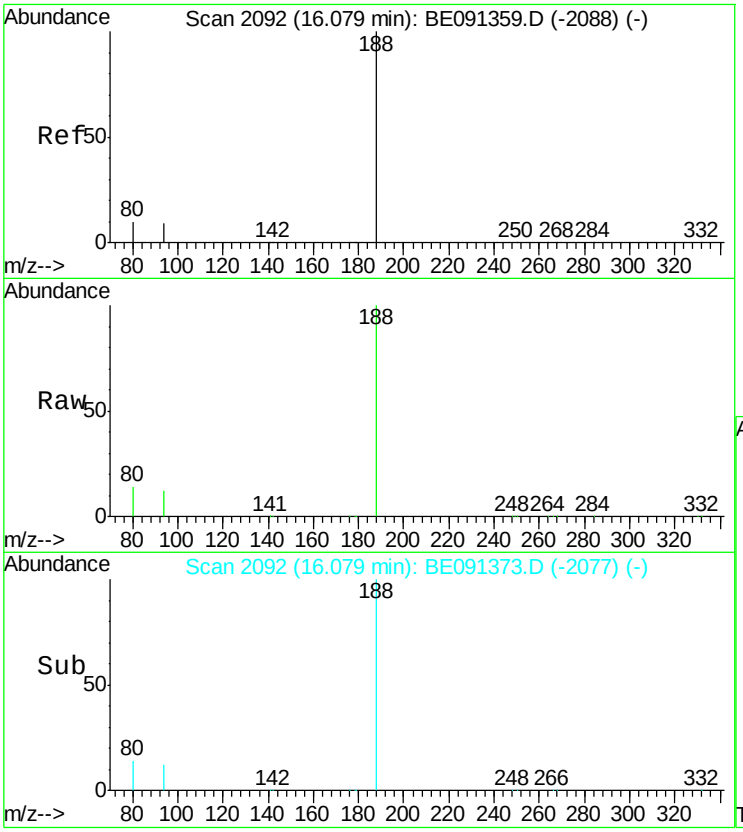


#13
Fluorene
Concen: 0.14 ng
RT: 14.42 min Scan# 1959
Delta R.T. 0.02 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:166 Resp: 6

Ion	Ratio	Lower	Upper
166	100		
165	316.7	83.0	124.6#
167	50.0	11.1	16.7#



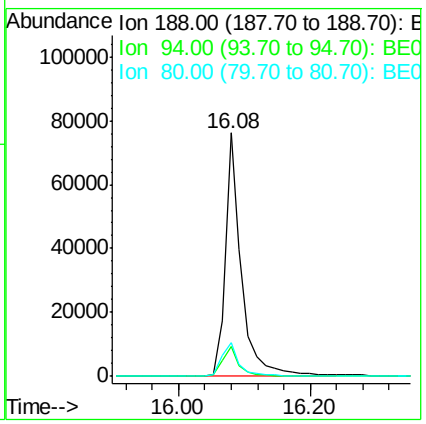


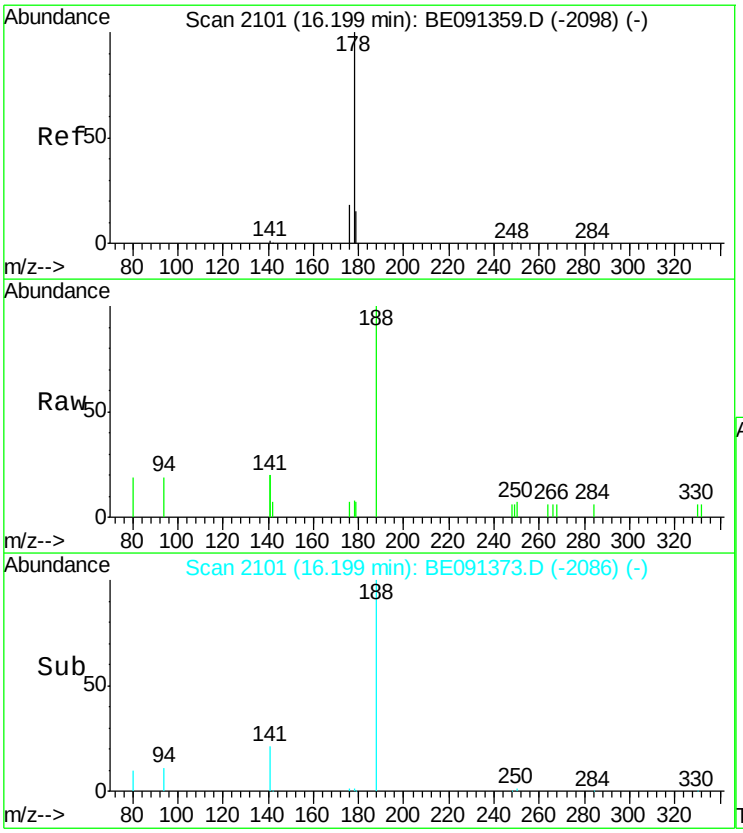
#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion:188 Resp: 131435

Ion	Ratio	Lower	Upper
188	100		
94	12.3	7.5	11.3#
80	13.7	8.2	12.2#

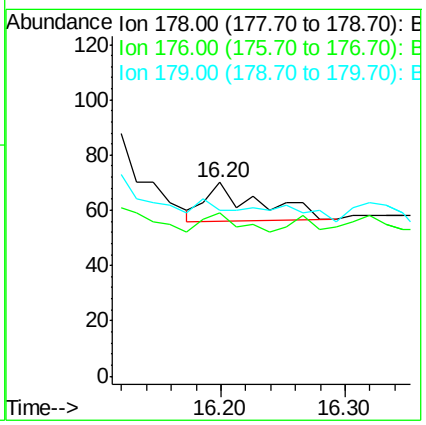


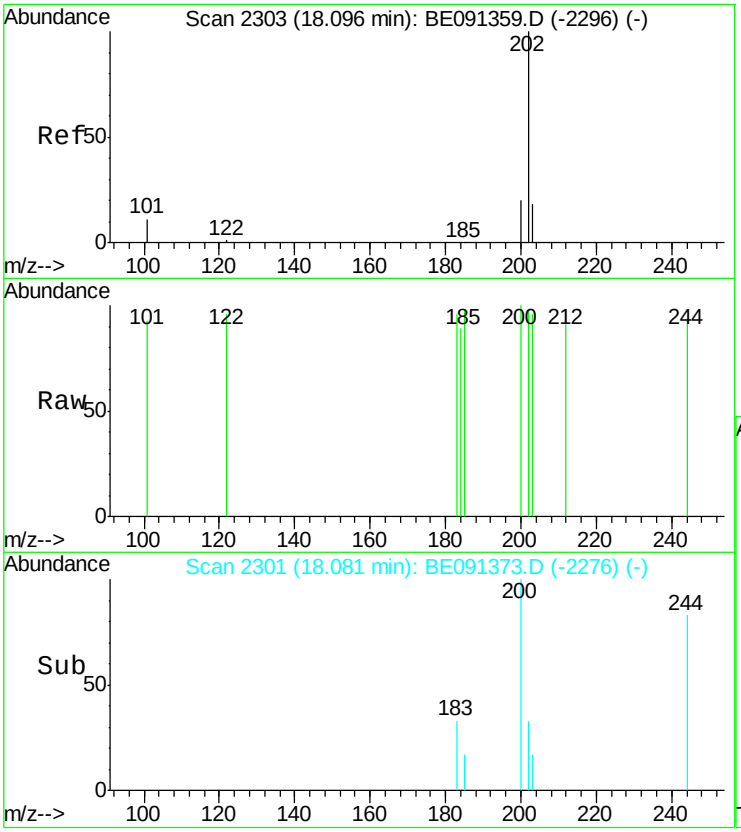


#16
Anthracene
Concen: 0.24 ng
RT: 16.20 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:178 Resp: 41

Ion	Ratio	Lower	Upper
178	100		
176	34.1	15.0	22.6#
179	0.0	12.4	18.6#



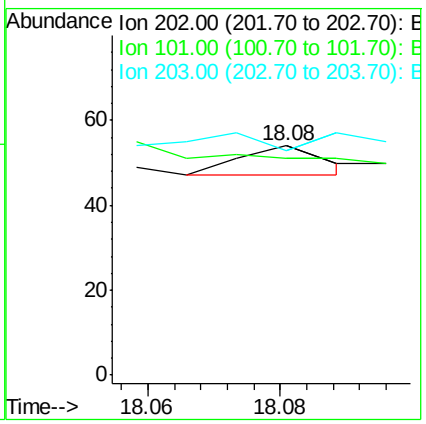


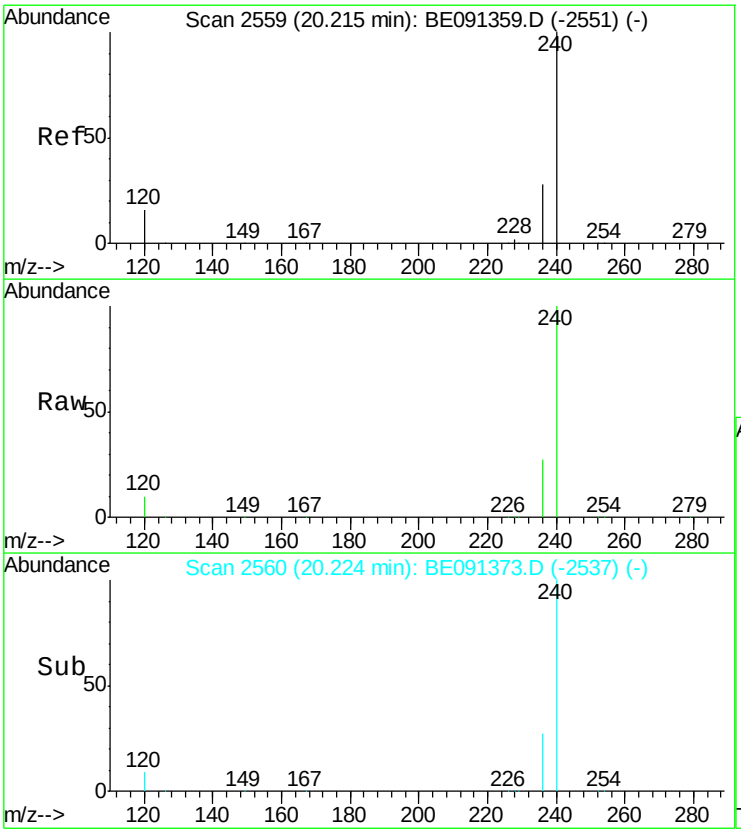
#17
Fluoranthene
Concen: 0.27 ng
RT: 18.08 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion:202 Resp: 6

Ion	Ratio	Lower	Upper
202	100		
101	0.0	11.0	16.4#
203	33.3	13.9	20.9#

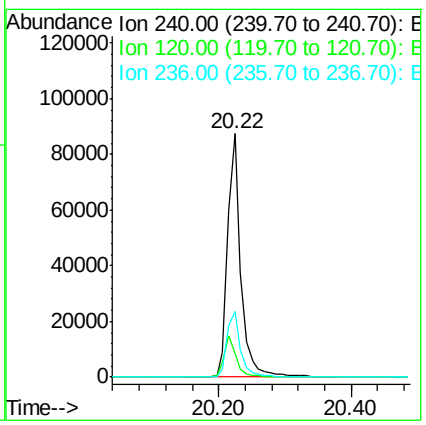


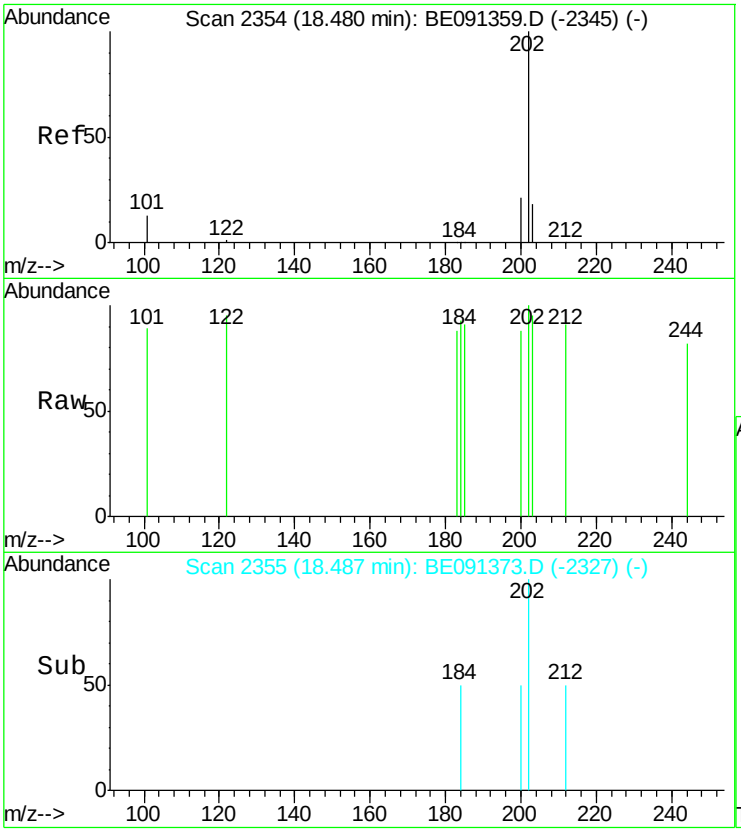


#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.22 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:240 Resp: 121278

Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.6	19.0#
236	26.8	22.7	34.1



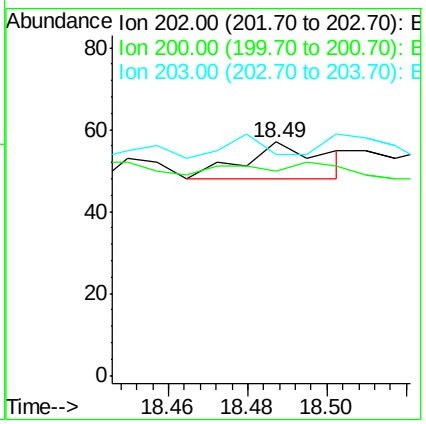


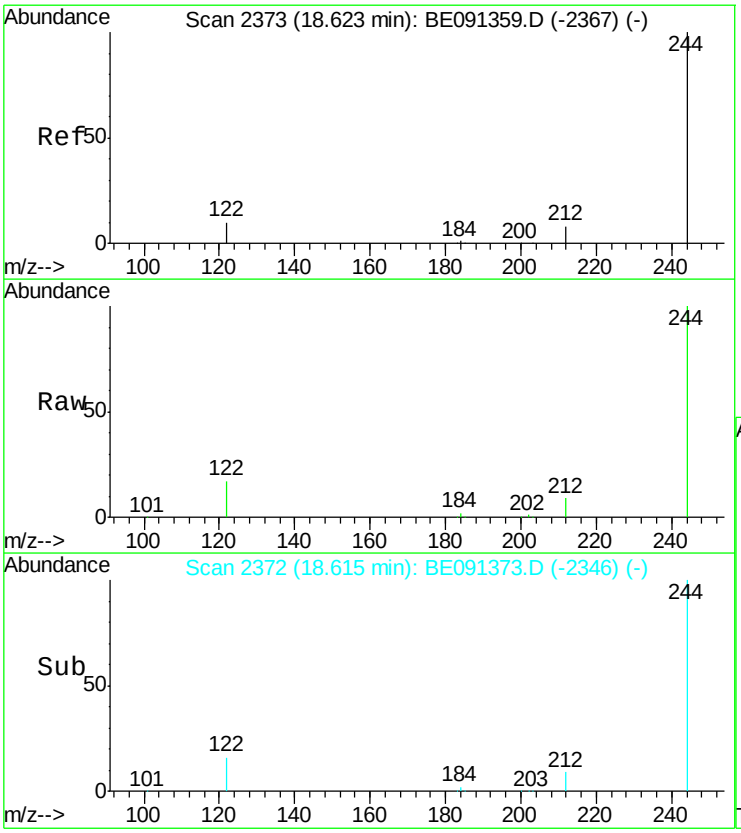
#19
Pyrene
Concen: 0.39 ng
RT: 18.49 min Scan# 2355
Delta R.T. 0.01 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion:202 Resp: 13

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.2	25.8#
203	30.8	14.2	21.4#

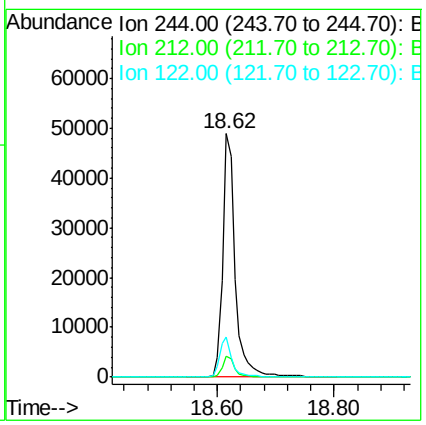


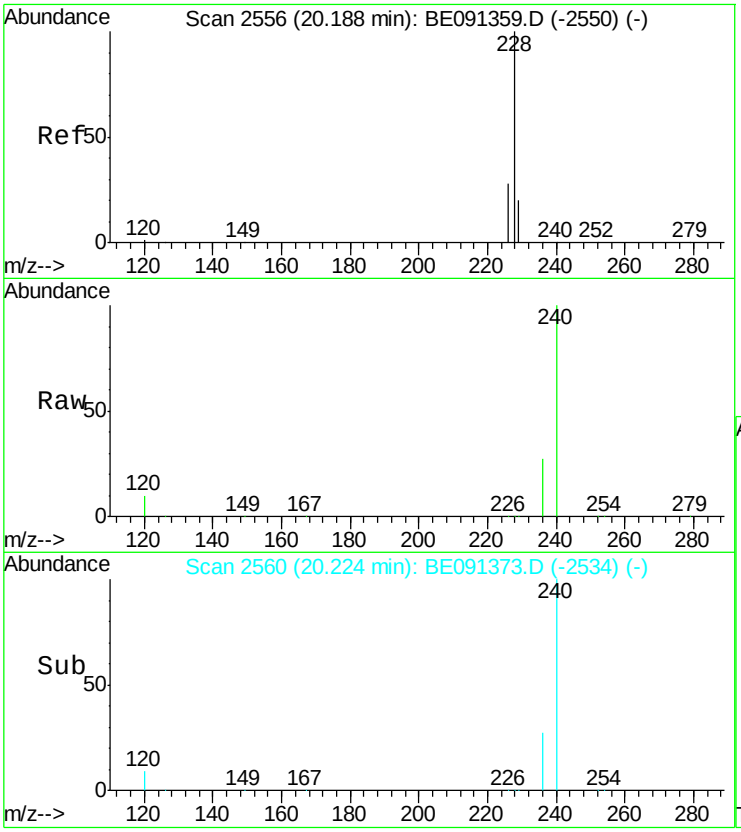


#20
Terphenyl-d14
Concen: 4.22 ng
RT: 18.62 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:244 Resp: 72207

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	16.5	8.5	12.7#



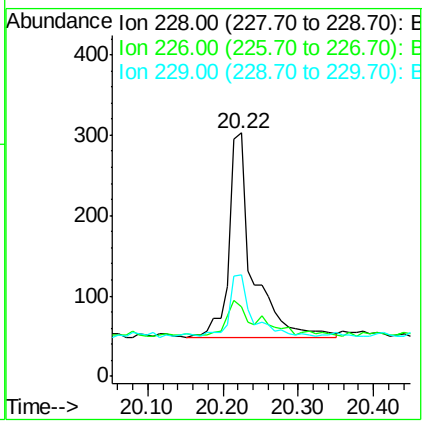


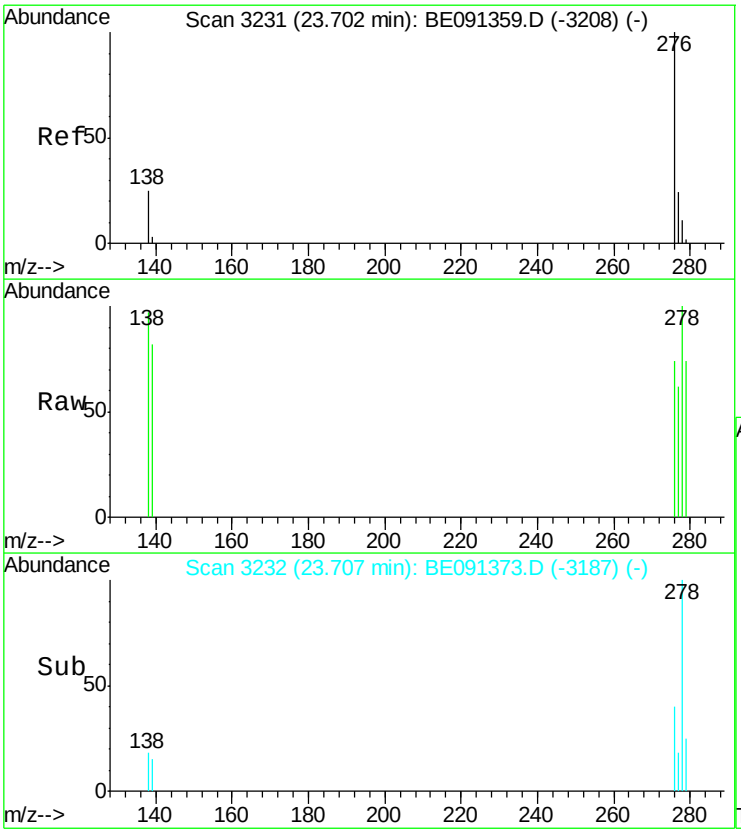
#21
Benzo(a)anthracene
Concen: 0.40 ng
RT: 20.22 min Scan# 2560
Delta R.T. 0.04 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion:228 Resp: 552

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	41.6	16.2	24.4#

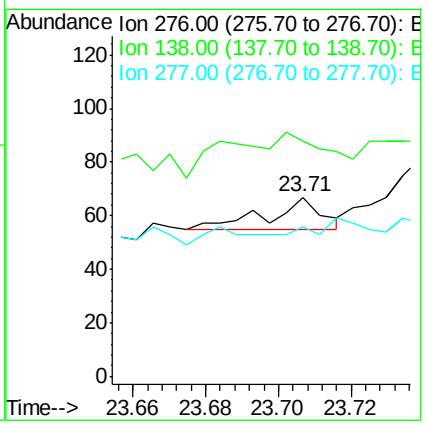


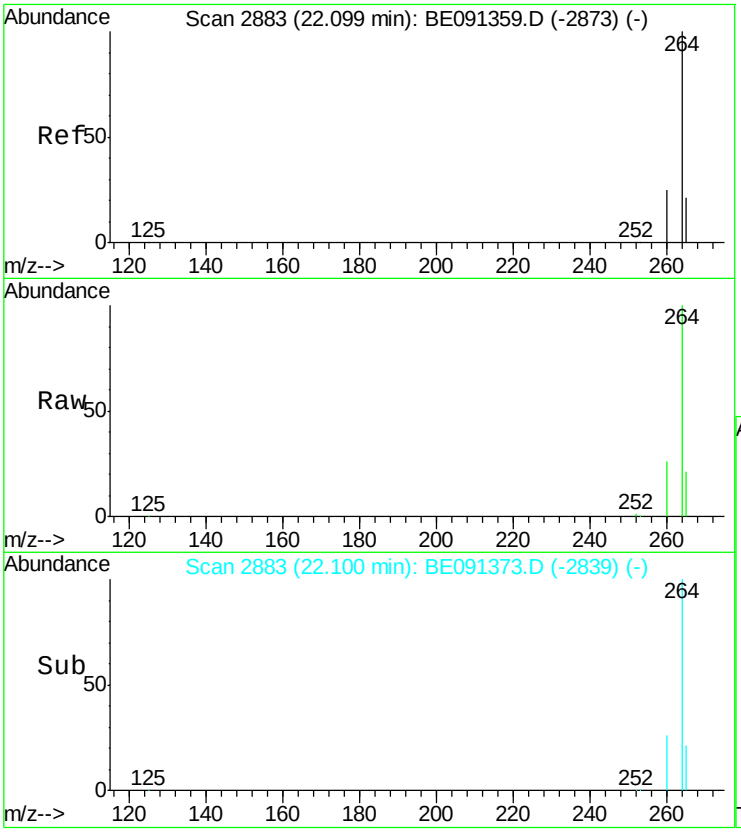


#23
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 23.71 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:276 Resp: 12

Ion	Ratio	Lower	Upper
276	100		
138	58.3	18.6	27.8#
277	33.3	16.5	24.7#



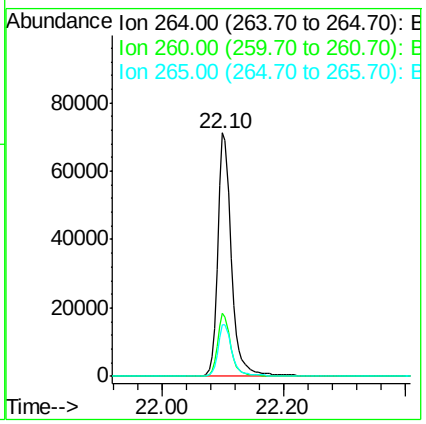


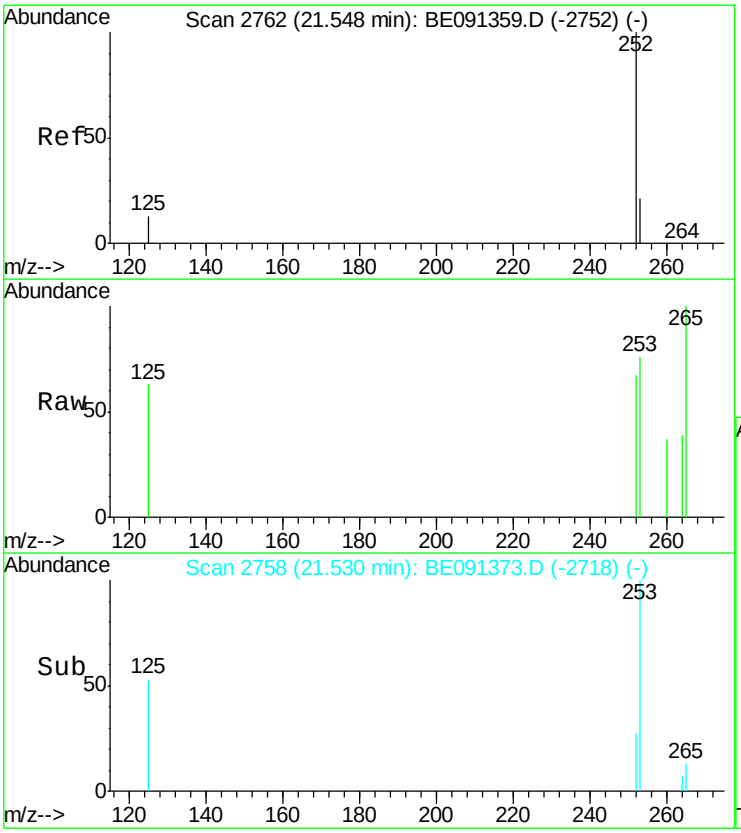
#24
Perylene-d12
Concen: 5.00 ng
RT: 22.10 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion:264 Resp: 110214

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.4	30.6
265	21.2	17.2	25.8

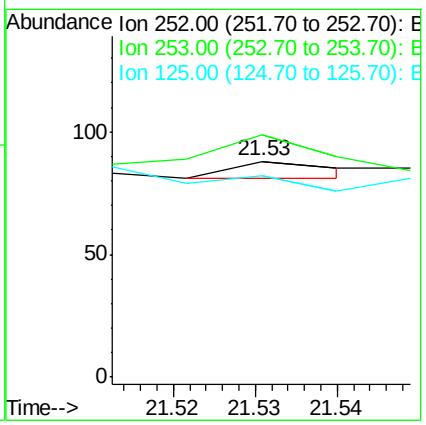


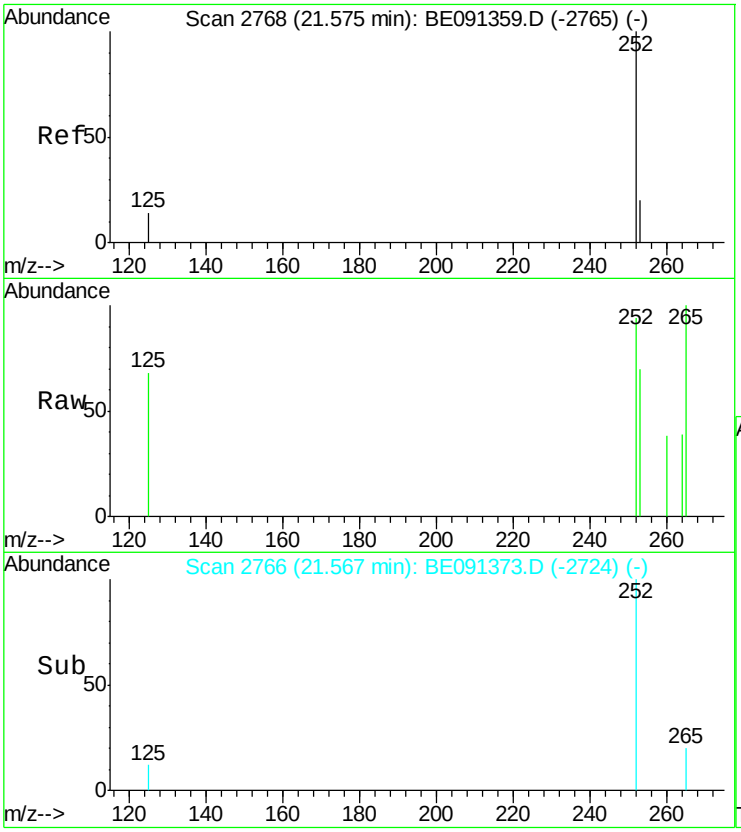


#25
Benzo(b)fluoranthene
Concen: 0.28 ng
RT: 21.53 min Scan# 2758
Delta R.T. -0.02 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:252 Resp: 3

Ion	Ratio	Lower	Upper
252	100		
253	112.5	17.4	26.2#
125	93.2	11.0	16.6#



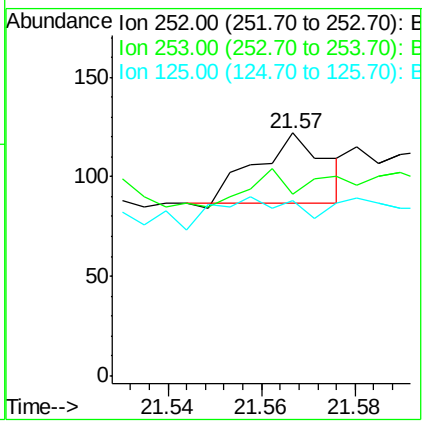


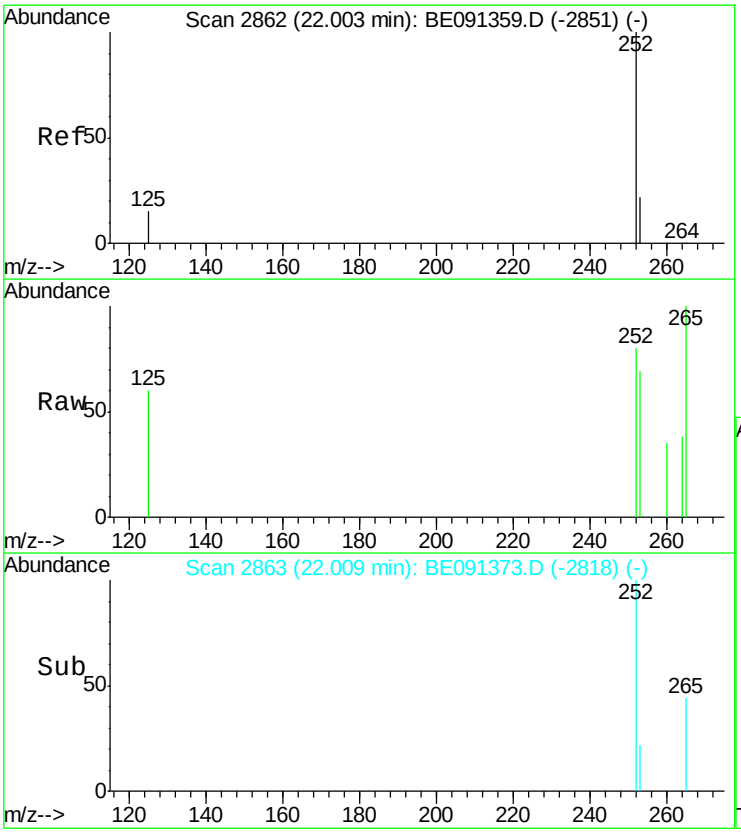
#26
Benzo(k)fluoranthene
Concen: 0.26 ng
RT: 21.57 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion:252 Resp: 36

Ion	Ratio	Lower	Upper
252	100		
253	74.6	17.5	26.3#
125	72.1	11.3	16.9#

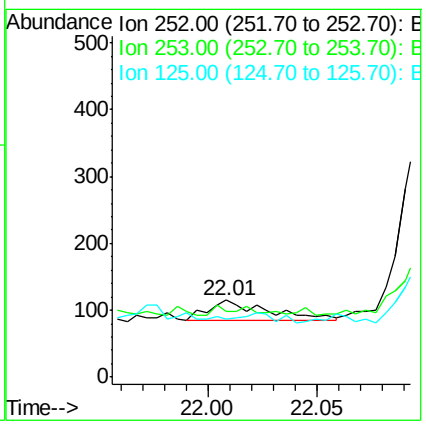


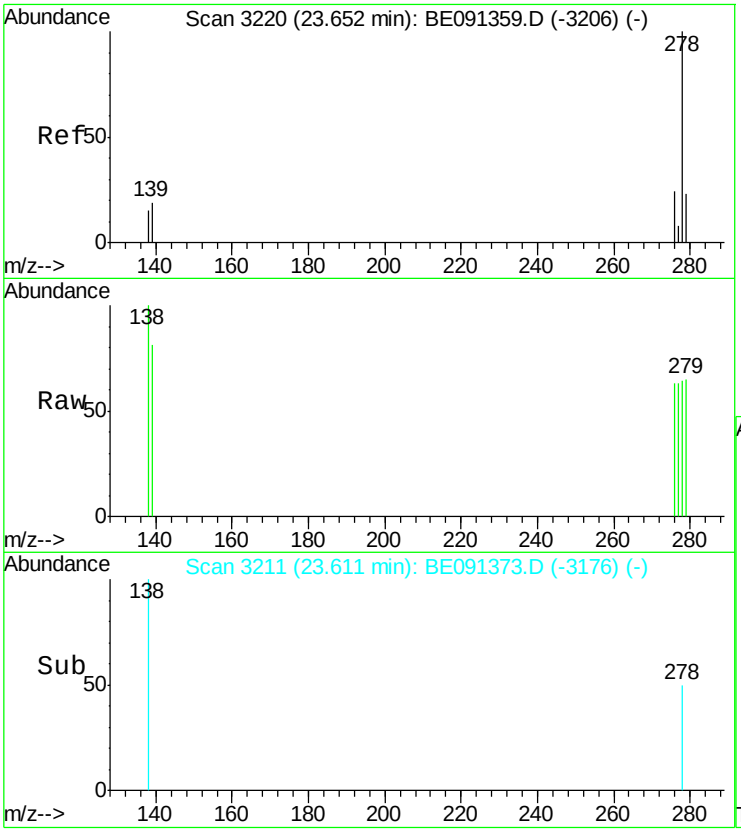


#27
Benzo(a)pyrene
Concen: 0.27 ng
RT: 22.01 min Scan# 2863
Delta R.T. 0.01 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:252 Resp: 61

Ion	Ratio	Lower	Upper
252	100		
253	86.1	18.1	27.1#
125	74.8	12.2	18.4#



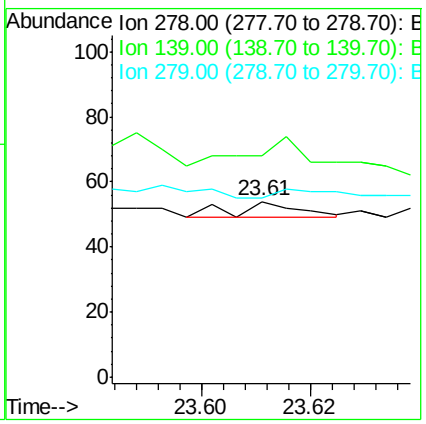


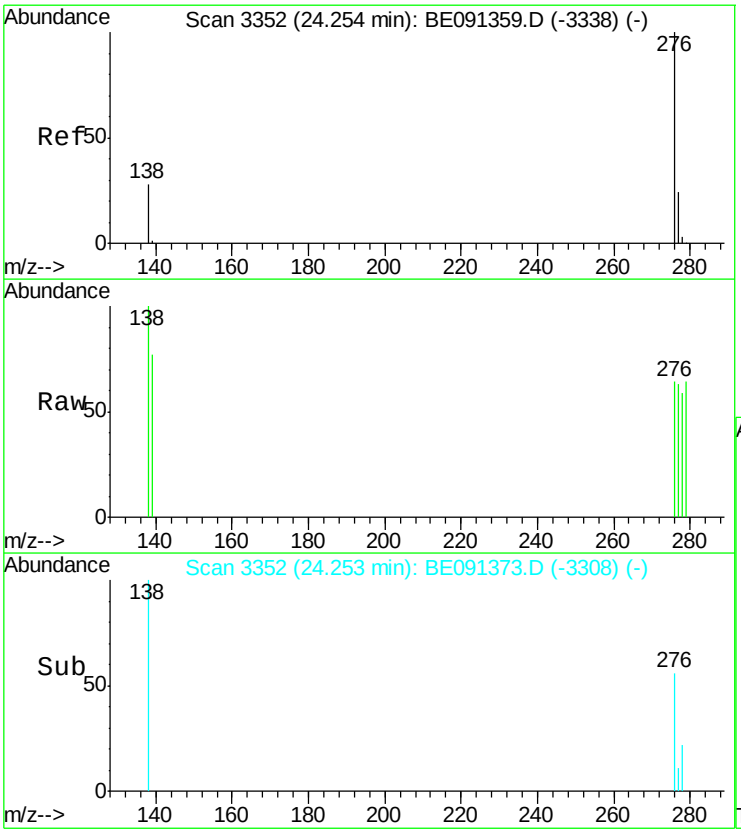
#28
Dibenzo(a,h)anthracene
Concen: 0.44 ng
RT: 23.61 min Scan# 3211
Delta R.T. -0.04 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Instrument :
BNA_E
ClientSampleId :
PB87820BL

Tgt Ion:278 Resp: 4

Ion	Ratio	Lower	Upper
278	100		
139	125.9	16.3	24.5#
279	101.9	19.4	29.2#





#29
Benzo(g,h,i)perylene
Concen: 0.34 ng
RT: 24.25 min Scan# 3352
Delta R.T. 0.00 min
Lab File: BE091373.D
Acq: 15 Jan 2016 10:17

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
277	98.2	19.8	29.6#
138	157.1	23.3	34.9#