Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030316\
Data File : BE091427.D
Acq On : 3 Mar 2016 17:53
Operator : UM/IZ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Mar 04 03:19:18 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 03:11:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	31150	5.00	ng		-0.02
4) Naphthalene-d8	9.53	136	144182	5.00	ng		0.00
8) Acenaphthene-d10	13.34	164	84128	5.00	ng		0.00
13) Phenanthrene-d10	16.10	188	99787	5.00	ng		0.00
19) Chrysene-d12	20.21	240	228899	5.00	ng		0.00
25) Perylene-d12	22.09	264	269176	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.13	82	13367	1.68	ng		-0.05
9) 2-Fluorobiphenyl	11.99	172	35361	1.62	ng		-0.01
21) Terphenyl-d14	18.61	244	56816	1.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	4816	0.93	ng		84
3) n-Nitrosodimethylamine	3.40	42	6146	14.23	ng	#	84
6) Naphthalene	9.57	128	54733	1.78	ng		97
7) 2-Methylnaphthalene	11.10	142	33646	1.82	ng		98
10) Acenaphthylene	13.06	152	244192	2.18	ng	#	76
11) Acenaphthene	13.38	154	40712	1.96	ng	#	100
12) Fluorene	14.39	166	59940	2.19	ng		98
14) Hexachlorobenzene	15.34	284	8155	1.78	ng	#	100
15) Pentachlorophenol	15.86	266	1955	4.42	ng	#	81
17) Anthracene	16.20	178	153035	6.70	ng	#	85
18) Fluoranthene	18.07	202	109415	4.32	ng		98
20) Pyrene	18.46	202	113753	2.17	ng		100
22) Benzo(a)anthracene	20.17	228	148417	3.14	ng		96
23) Chrysene	20.24	228	129573	2.02	ng		98
24) Indeno(1,2,3-cd)pyrene	23.67	276	140345	3.08	ng		94
26) Benzo(b)fluoranthene	21.56	252	250845	4.51	ng		100
27) Benzo(k)fluoranthene	21.56	252	251928	3.82	ng		94
28) Benzo(a)pyrene	21.99	252	111845	2.19	ng		98
29) Dibenzo(a,h)anthracene	23.63	278	108106	2.54	ng		99
30) Benzo(g,h,i)perylene	24.22	276	114794	2.10	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030316\
Data File : BE091427.D
Acq On : 3 Mar 2016 17:53
Operator : UM/IZ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
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SSTDICC1.6

Quant Time: Mar 04 03:19:18 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 03:11:46 2016
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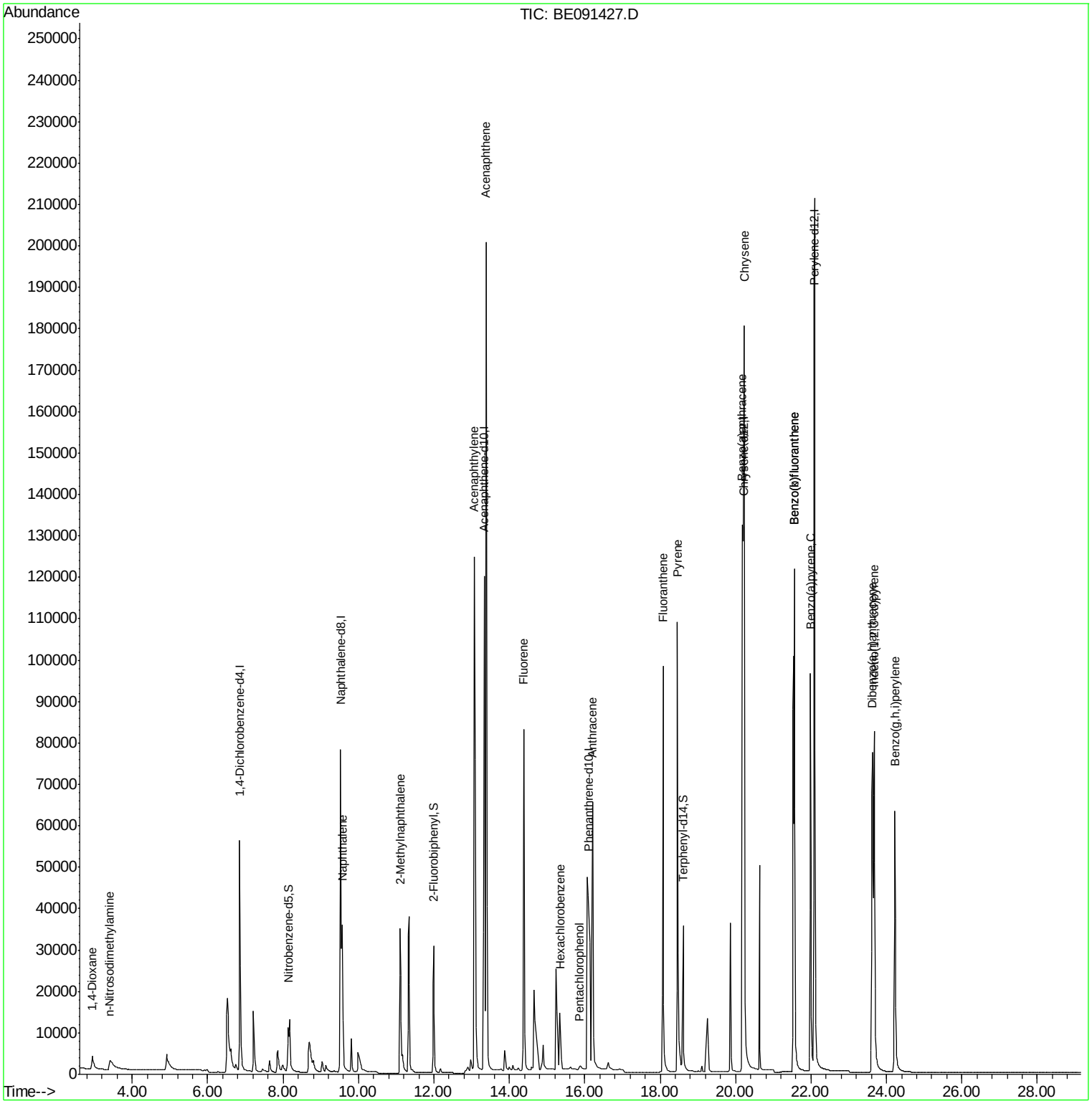
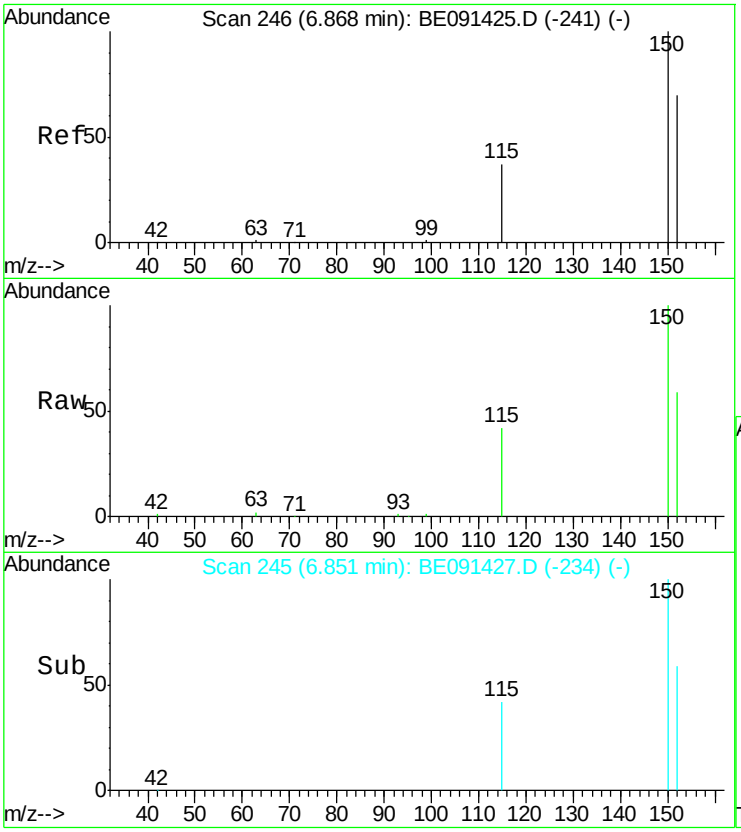


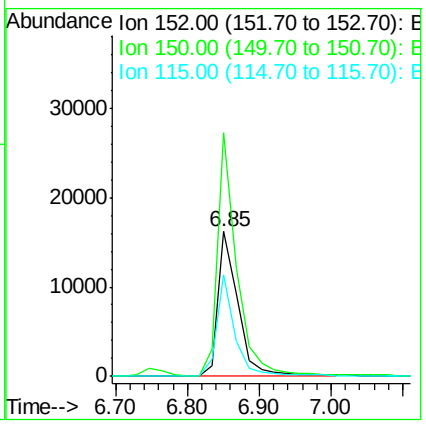


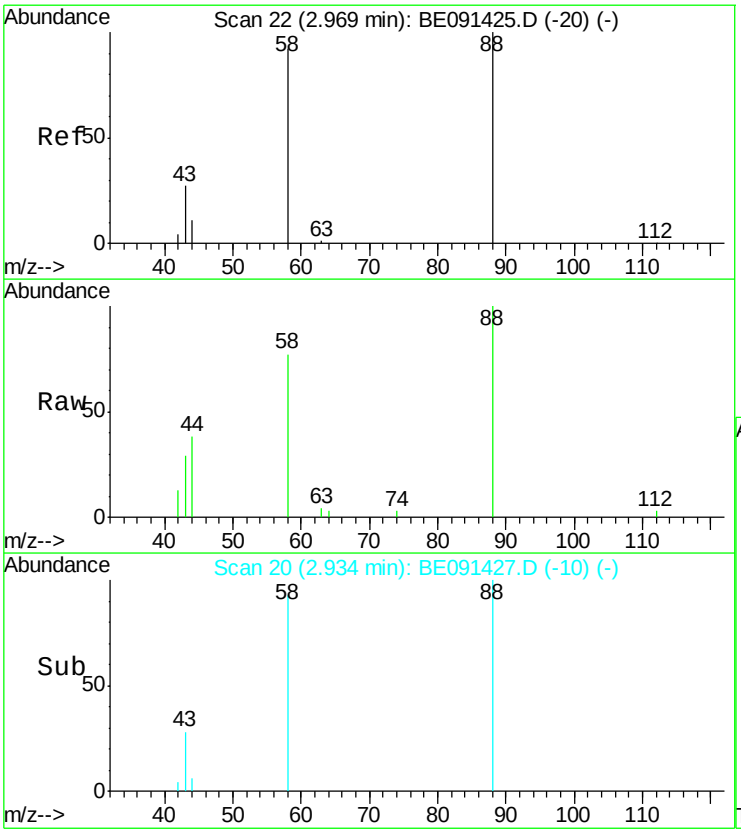
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.85 min Scan# 245
Delta R.T. -0.02 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 31150

Ion	Ratio	Lower	Upper
152	100		
150	168.4	115.0	172.4
115	70.6	42.2	63.4#

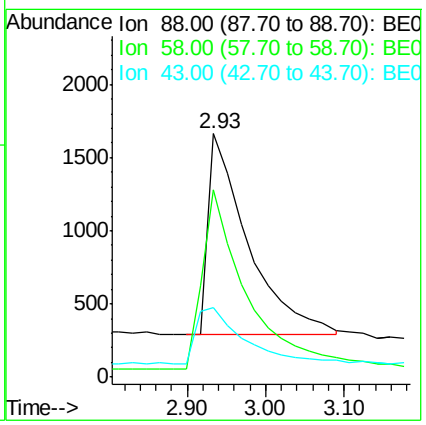


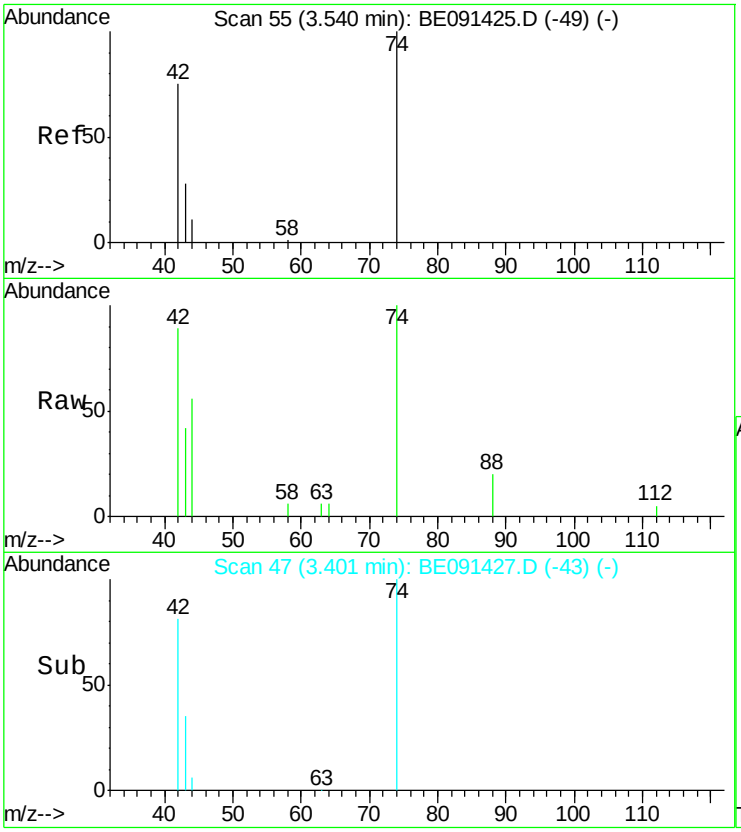


#2
1,4-Dioxane
Concen: 0.93 ng
RT: 2.93 min Scan# 20
Delta R.T. -0.04 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion: 88 Resp: 4816

Ion	Ratio	Lower	Upper
88	100		
58	99.6	96.9	145.3
43	33.6	29.3	43.9



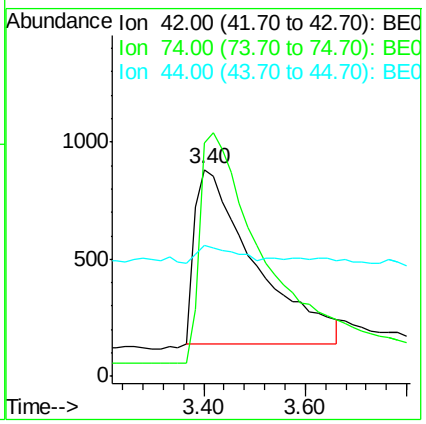


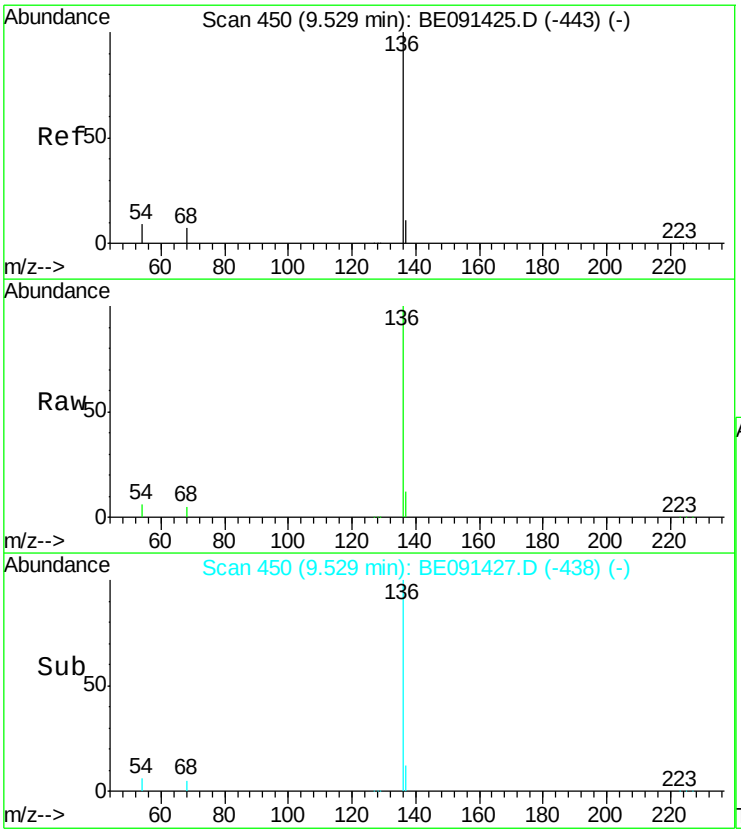
#3
n-Nitrosodimethylamine
Concen: 14.23 ng
RT: 3.40 min Scan# 47
Delta R.T. -0.14 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 6146

Ion	Ratio	Lower	Upper
42	100		
74	138.4	96.6	144.8
44	6.7	0.0	0.0#

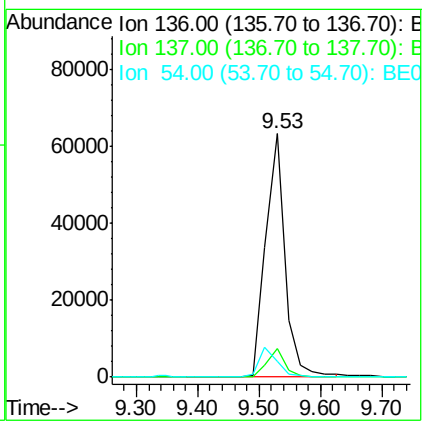


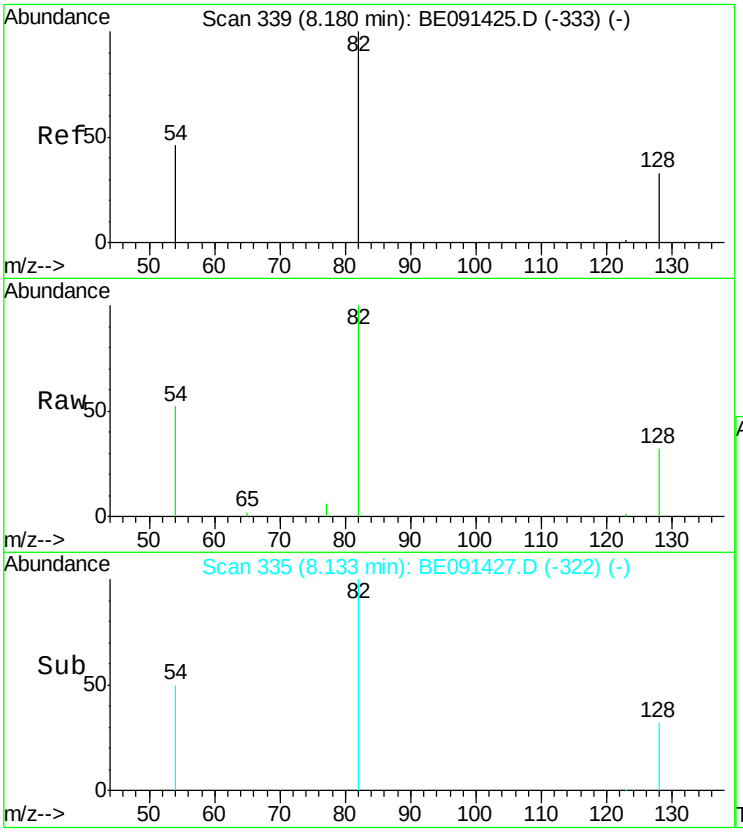


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.53 min Scan# 450
Delta R.T. -0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:136 Resp: 144182

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	6.4	6.9	10.3#



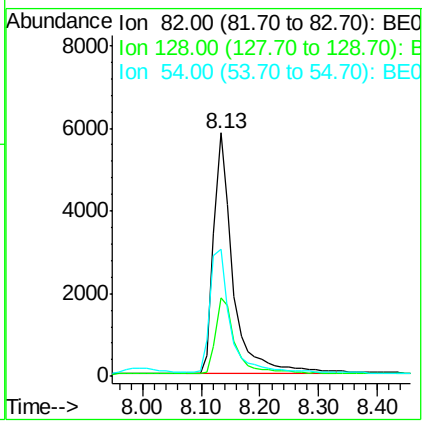


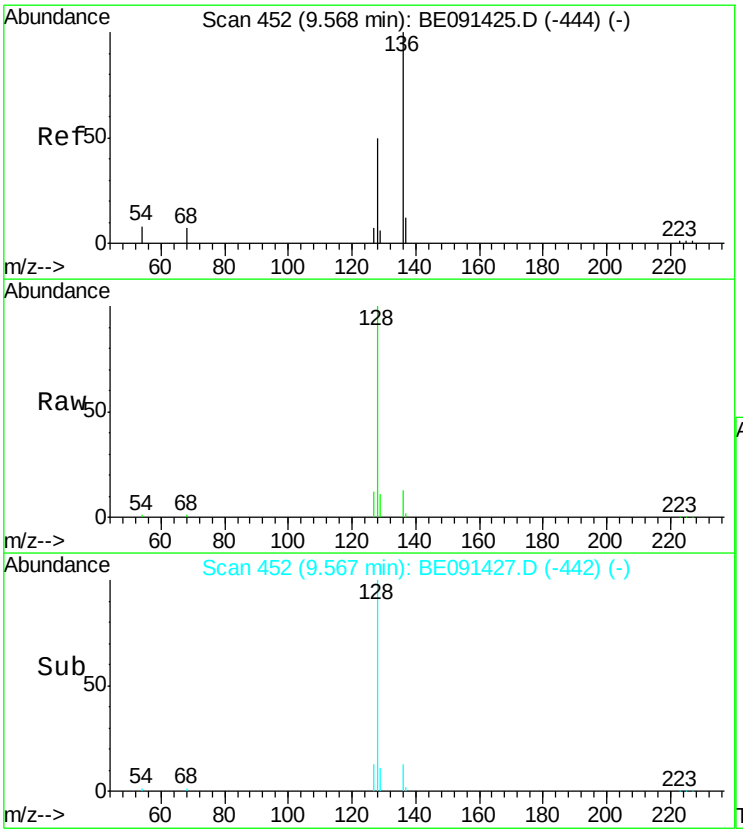
#5
Nitrobenzene-d5
Concen: 1.68 ng
RT: 8.13 min Scan# 335
Delta R.T. -0.05 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 82 Resp: 13367

Ion	Ratio	Lower	Upper
82	100		
128	32.4	30.0	45.0
54	52.4	41.5	62.3

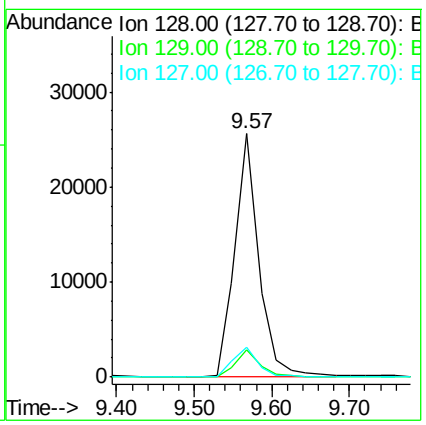


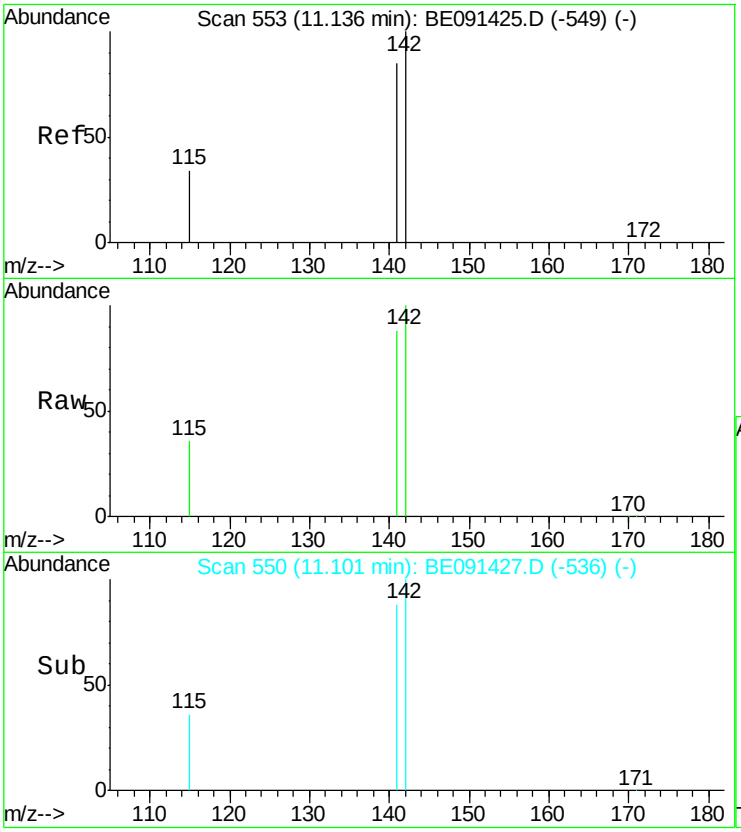


#6
Naphthalene
Concen: 1.78 ng
RT: 9.57 min Scan# 452
Delta R.T. -0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:128 Resp: 54733

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	12.5	11.4	17.0



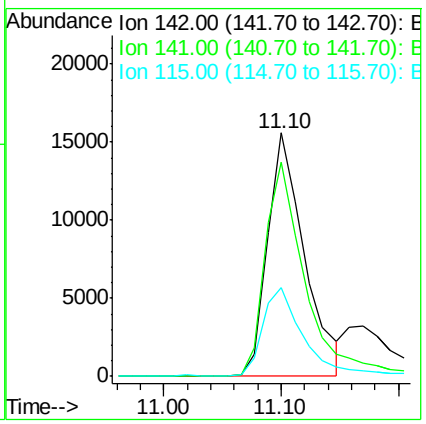


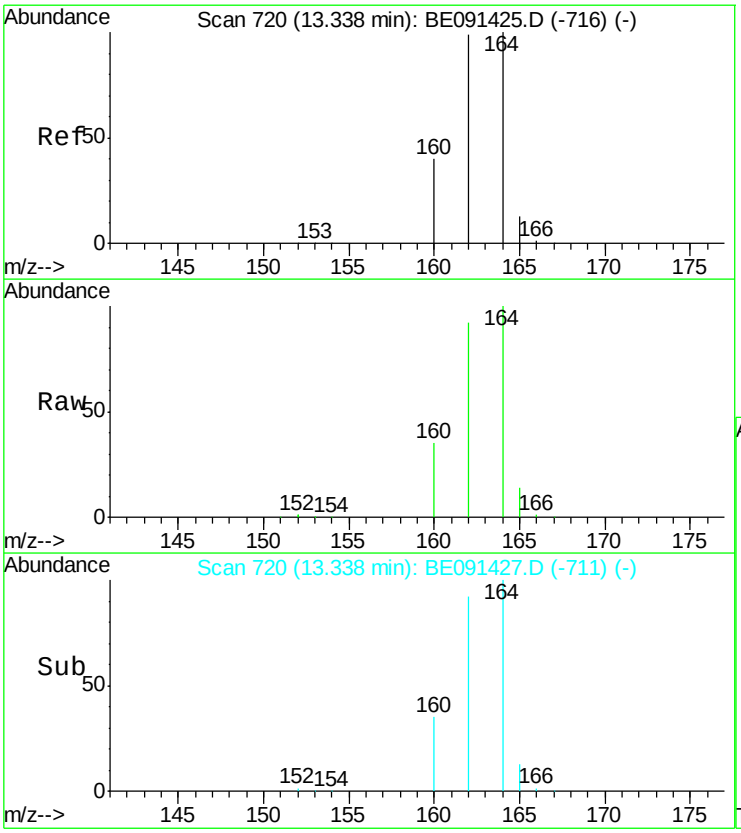
#7
2-Methylnaphthalene
Concen: 1.82 ng
RT: 11.10 min Scan# 550
Delta R.T. -0.04 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:142 Resp: 33646

Ion	Ratio	Lower	Upper
142	100		
141	88.2	68.3	102.5
115	36.3	28.9	43.3

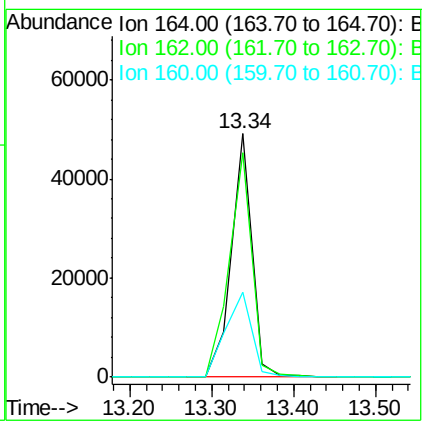


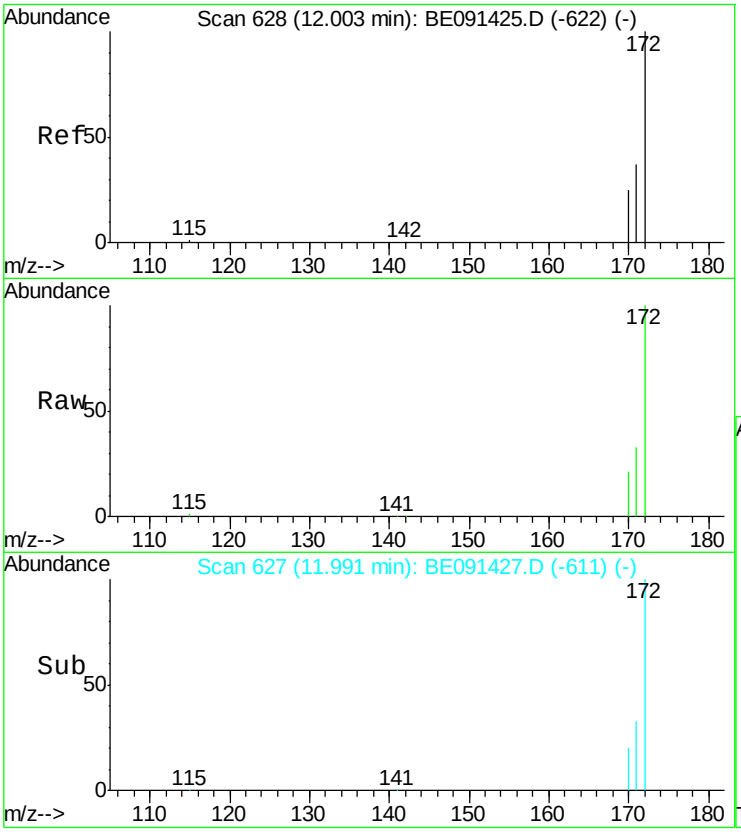


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.34 min Scan# 720
Delta R.T. -0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:164 Resp: 84128

Ion	Ratio	Lower	Upper
164	100		
162	92.2	79.1	118.7
160	35.1	32.4	48.6



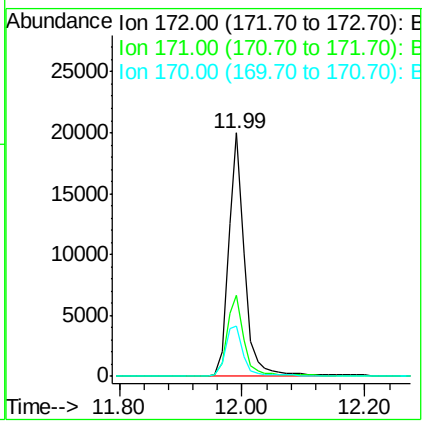


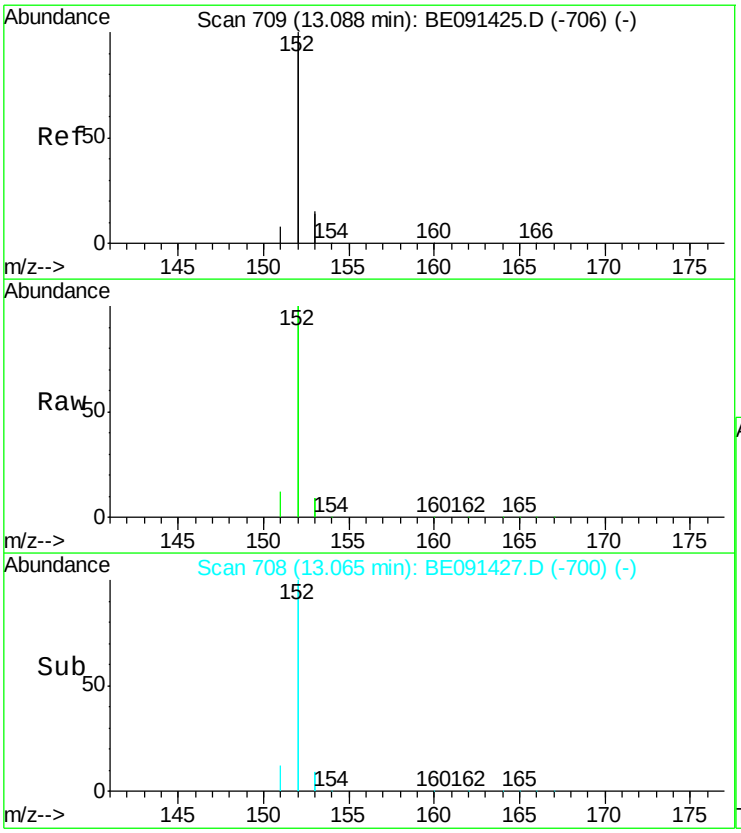
#9
2-Fluorobiphenyl
Concen: 1.62 ng
RT: 11.99 min Scan# 627
Delta R.T. -0.01 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 35361

Ion	Ratio	Lower	Upper
172	100		
171	33.2	30.2	45.4
170	20.6	20.9	31.3#

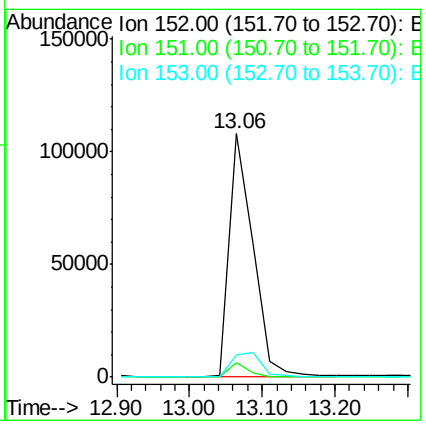


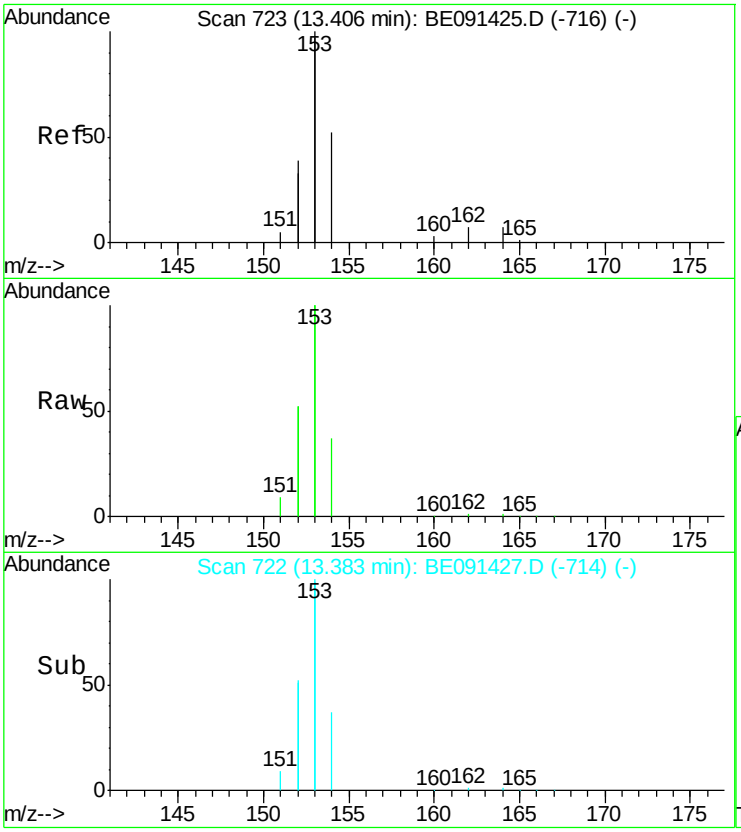


#10
Acenaphthylene
Concen: 2.18 ng
RT: 13.06 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:152 Resp: 244192

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	0.0	10.5	15.7#



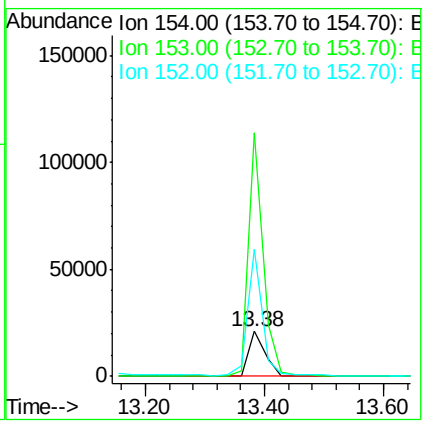


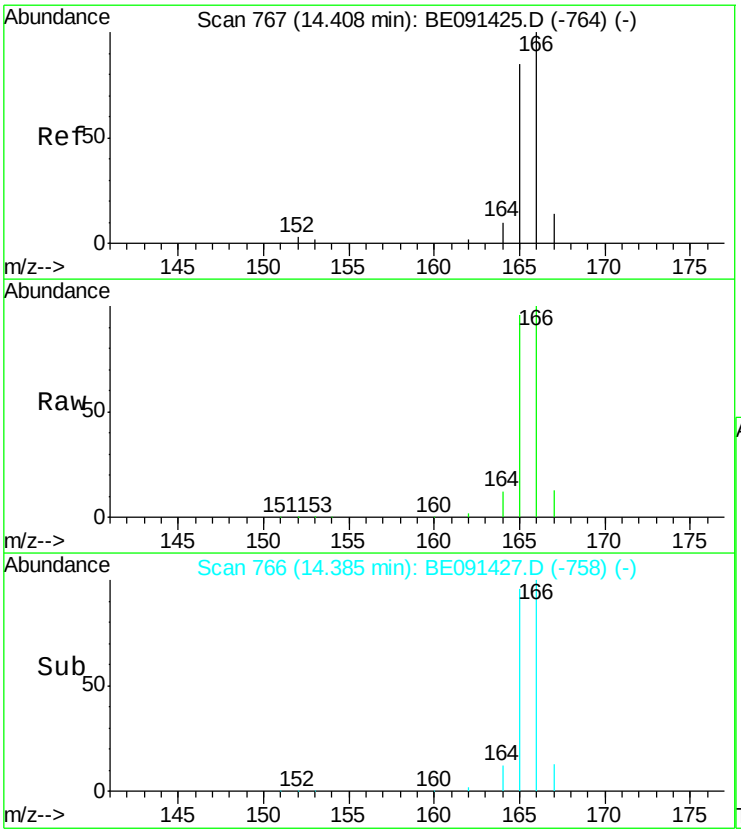
#11
Acenaphthene
Concen: 1.96 ng
RT: 13.38 min Scan# 722
Delta R.T. -0.02 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 40712

Ion	Ratio	Lower	Upper
154	100		
153	479.0	0.0	0.0#
152	239.5	0.0	0.0#

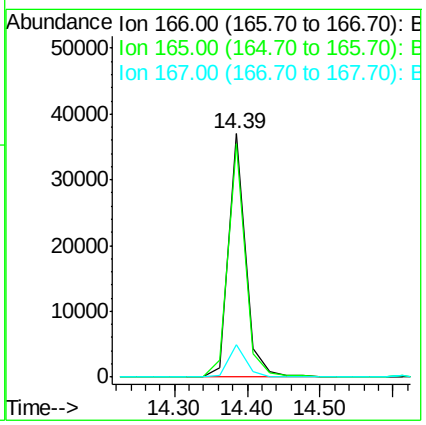


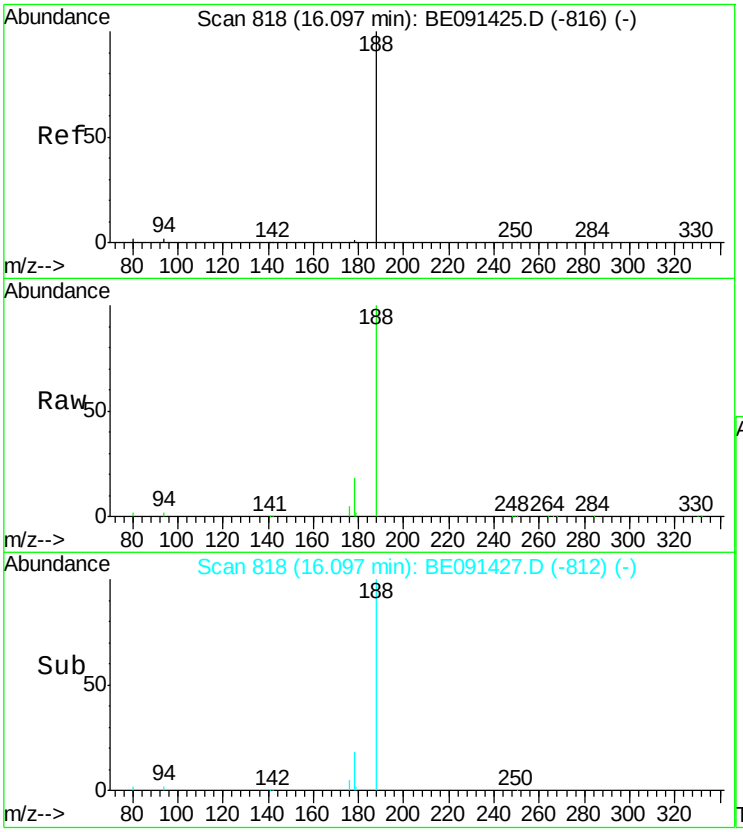


#12
Fluorene
Concen: 2.19 ng
RT: 14.39 min Scan# 766
Delta R.T. -0.02 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:166 Resp: 59940

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.4	119.2
167	13.4	10.7	16.1



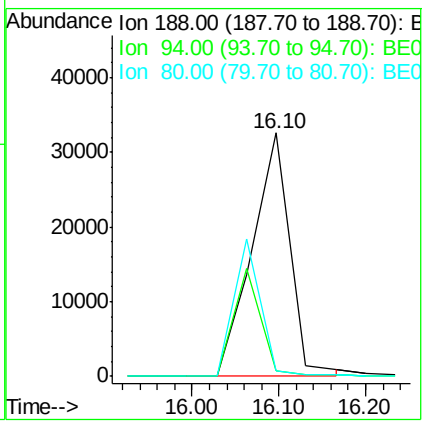


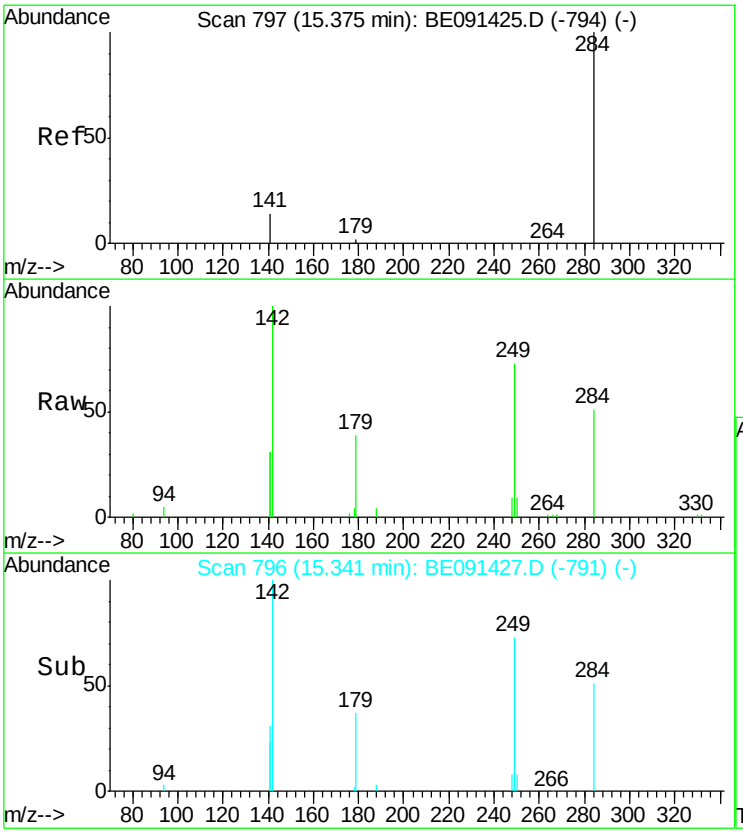
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.10 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 99787

Ion	Ratio	Lower	Upper
188	100		
94	2.3	2.1	3.1
80	2.2	1.9	2.9

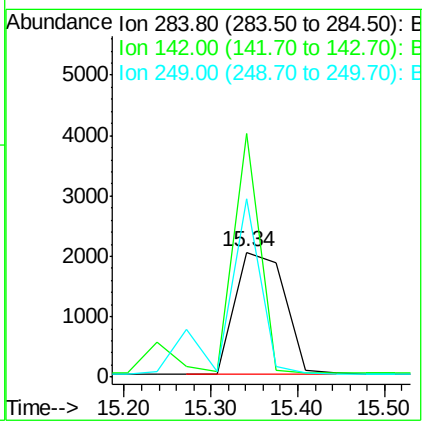


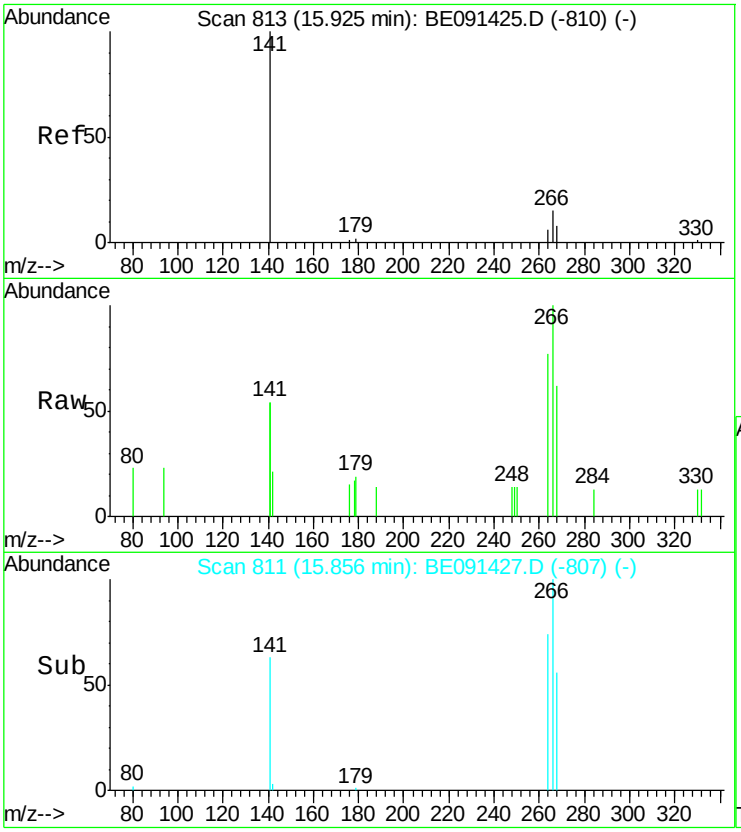


#14
Hexachlorobenzene
Concen: 1.78 ng
RT: 15.34 min Scan# 796
Delta R.T. -0.03 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:284 Resp: 8155

Ion	Ratio	Lower	Upper
284	100		
142	101.8	0.0	0.0#
249	95.1	0.0	0.0#



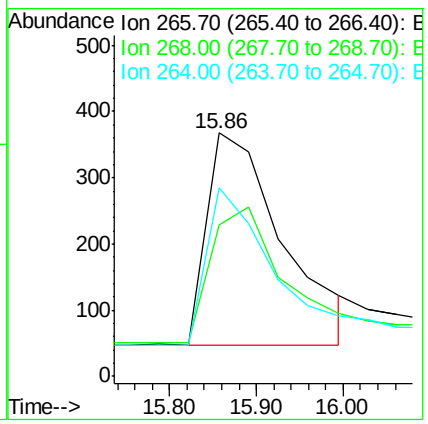


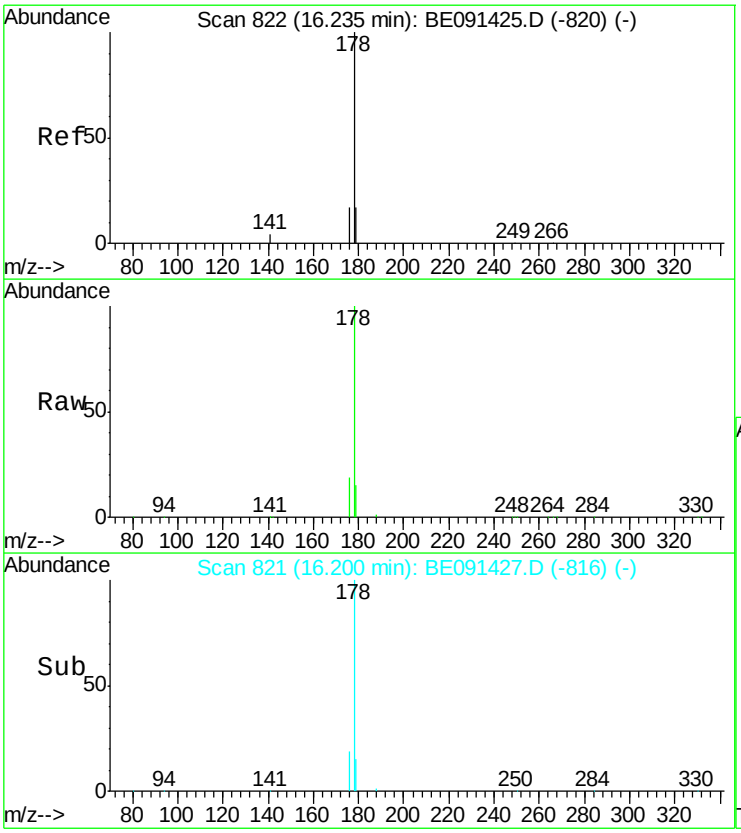
#15
Pentachlorophenol
Concen: 4.42 ng
RT: 15.86 min Scan# 811
Delta R.T. -0.07 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:266 Resp: 1955

Ion	Ratio	Lower	Upper
266	100		
268	62.2	73.0	109.6#
264	77.4	66.1	99.1

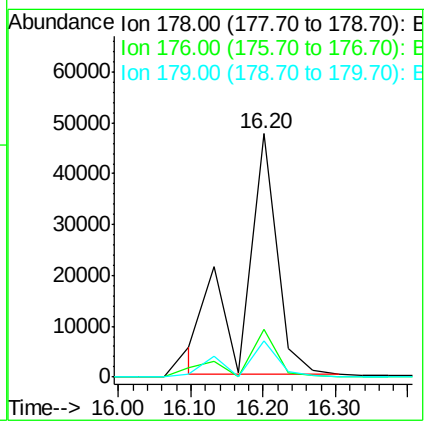


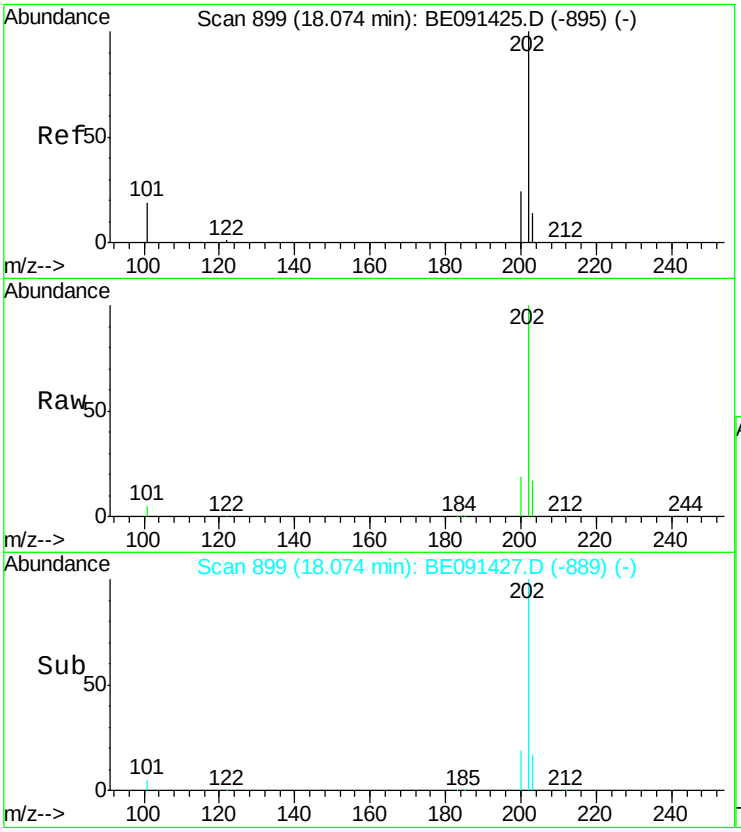


#17
Anthracene
Concen: 6.70 ng
RT: 16.20 min Scan# 821
Delta R.T. -0.03 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:178 Resp: 153035

Ion	Ratio	Lower	Upper
178	100		
176	17.8	23.5	35.3#
179	16.0	14.3	21.5



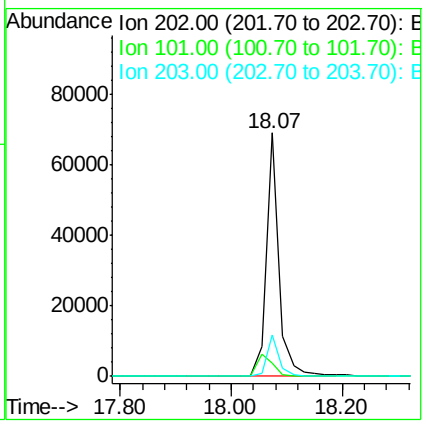


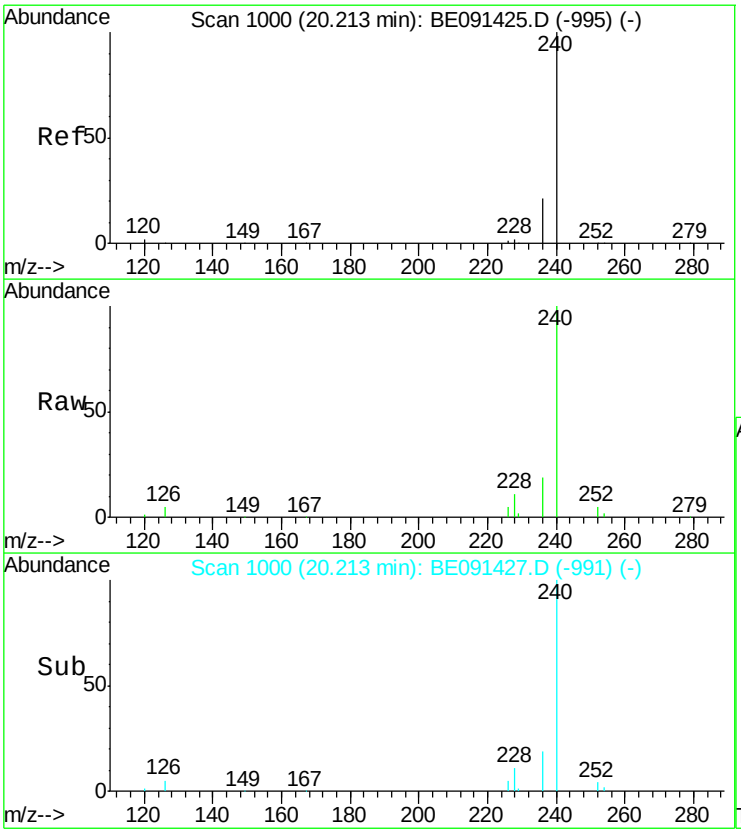
#18
Fluoranthene
Concen: 4.32 ng
RT: 18.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 109415

Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.0	16.4
203	17.0	13.7	20.5

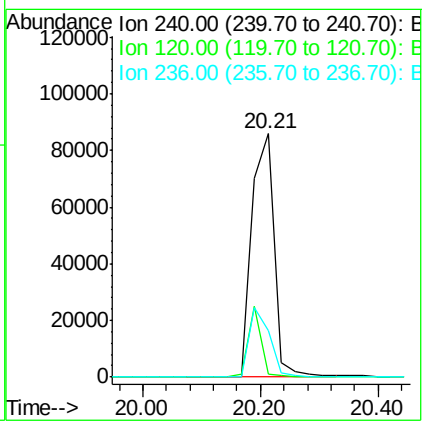


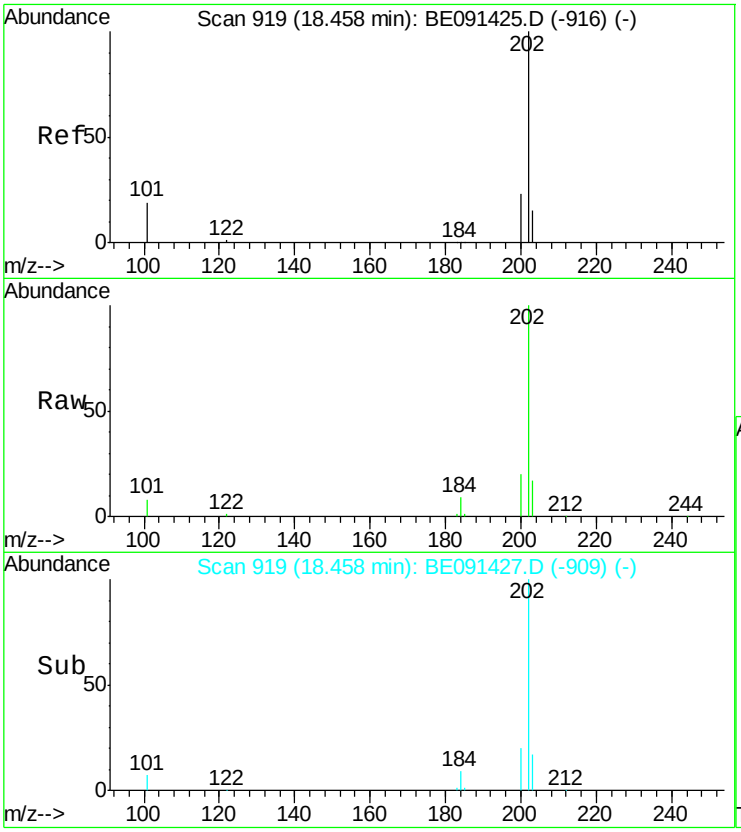


#19
Chrysene-d12
Concen: 5.00 ng
RT: 20.21 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:240 Resp: 228899

Ion	Ratio	Lower	Upper
240	100		
120	1.2	1.4	2.0#
236	19.3	16.7	25.1



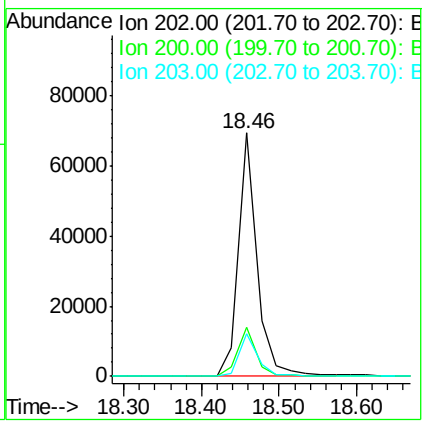


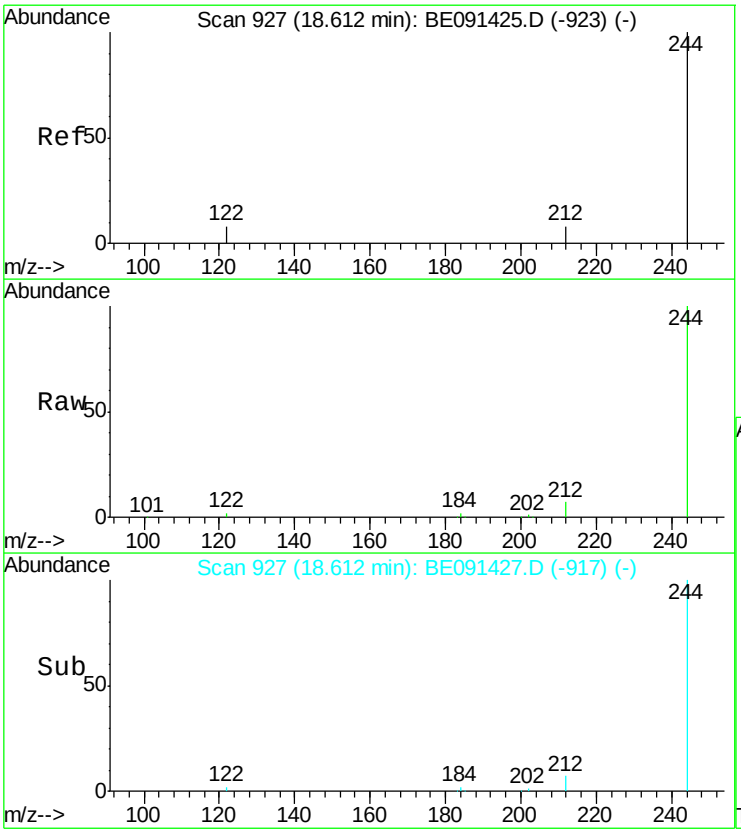
#20
Pyrene
Concen: 2.17 ng
RT: 18.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 113753

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	13.8	20.6

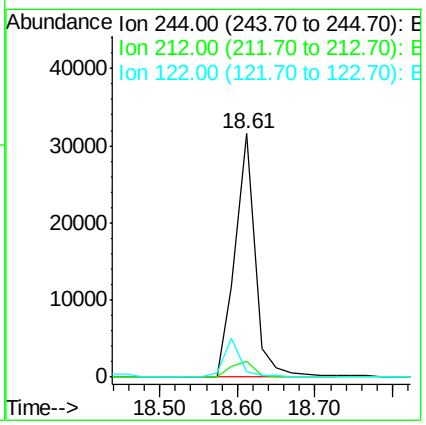


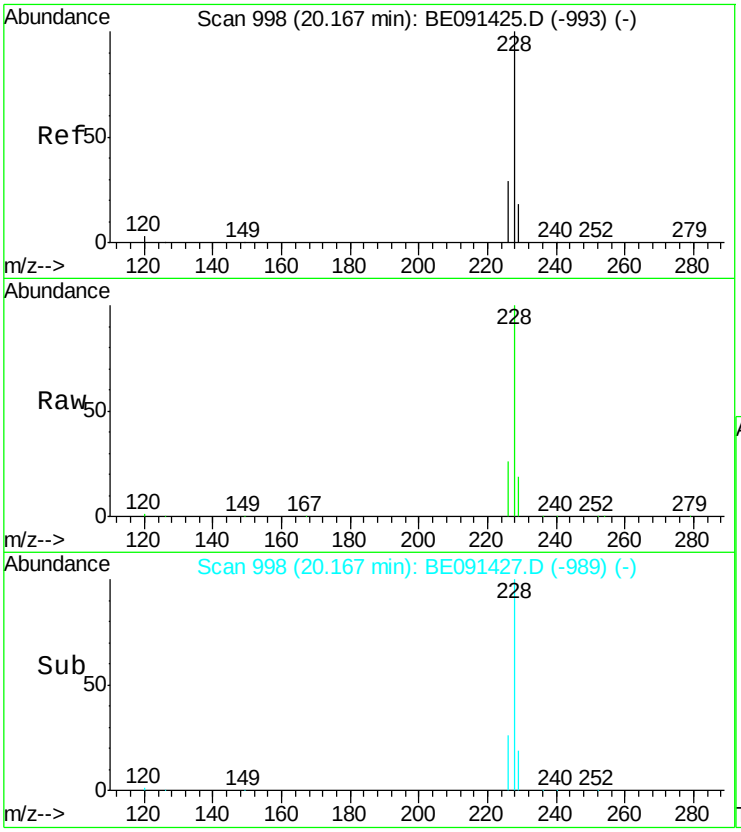


#21
Terphenyl-d14
Concen: 1.65 ng
RT: 18.61 min Scan# 927
Delta R.T. -0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:244 Resp: 56816

Ion	Ratio	Lower	Upper
244	100		
212	6.7	7.0	10.6#
122	2.2	6.8	10.2#



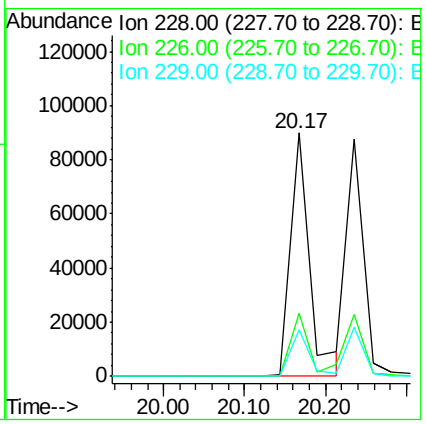


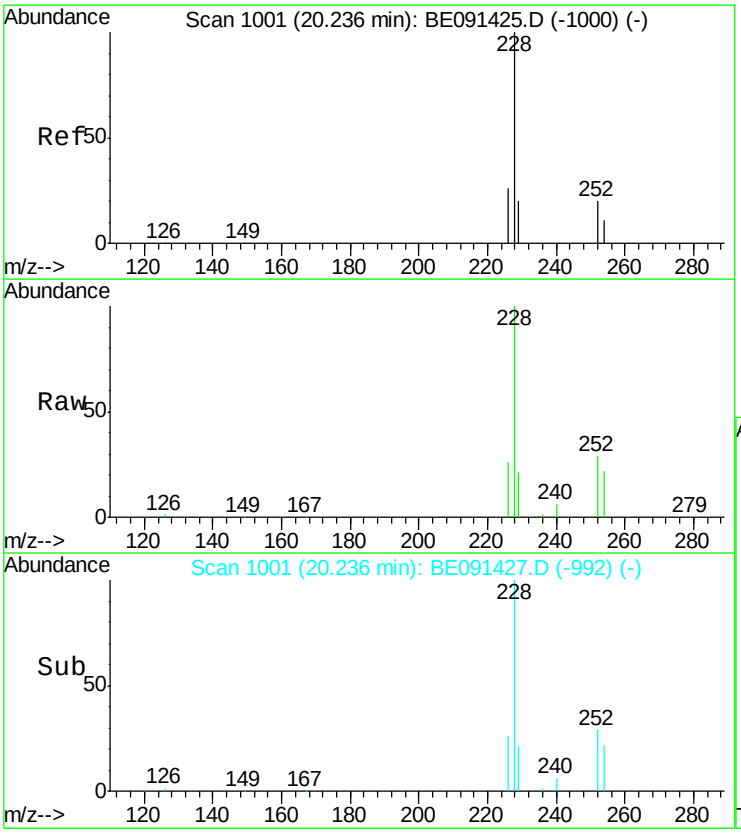
#22
Benzo(a)anthracene
Concen: 3.14 ng
RT: 20.17 min Scan# 998
Delta R.T. -0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 148417

Ion	Ratio	Lower	Upper
228	100		
226	26.2	23.1	34.7
229	18.9	14.5	21.7

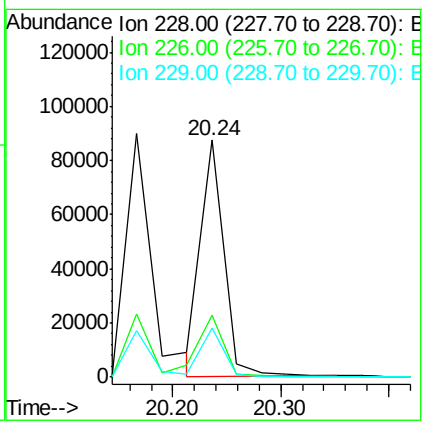


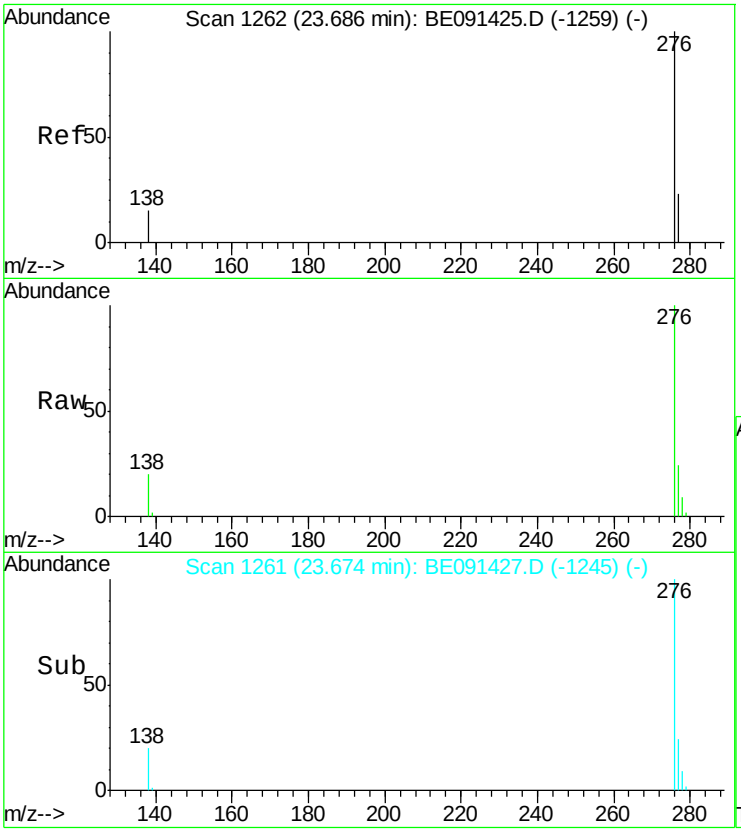


#23
Chrysene
Concen: 2.02 ng
RT: 20.24 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:228 Resp: 129573

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.0	33.0
229	20.6	16.2	24.2



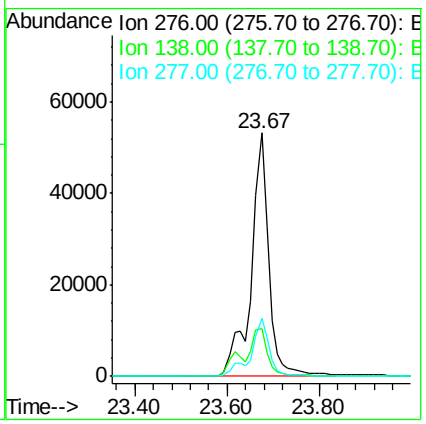


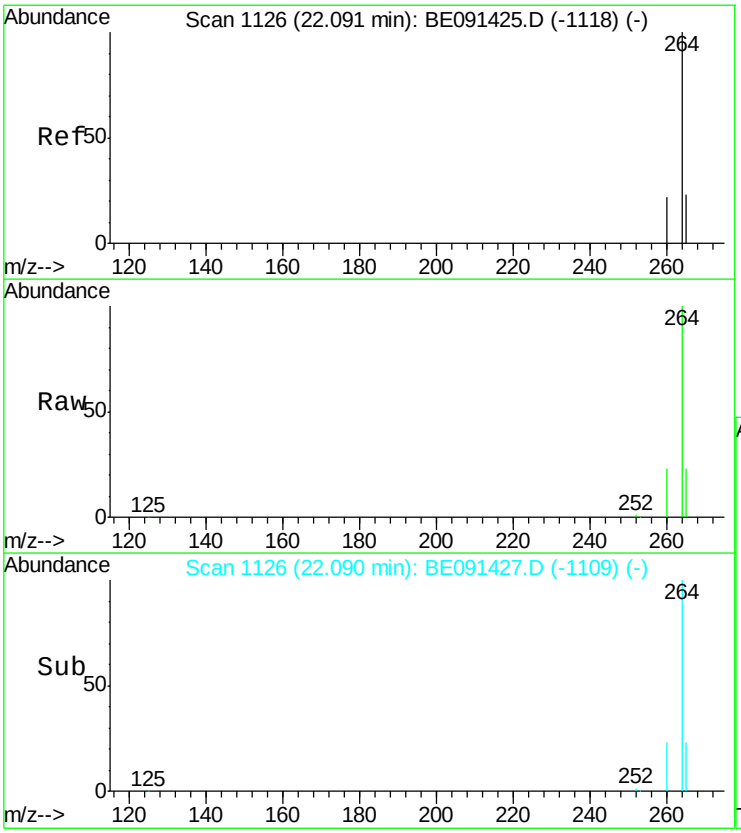
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.08 ng
RT: 23.67 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 140345

Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.9	23.9
277	24.7	22.4	33.6

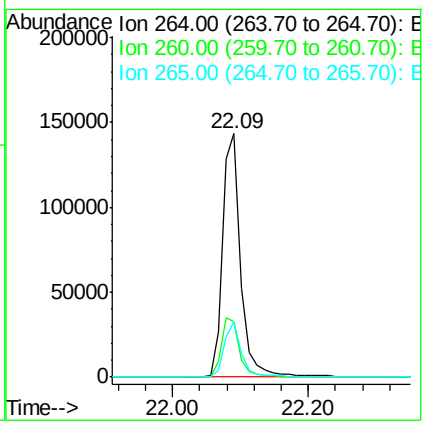


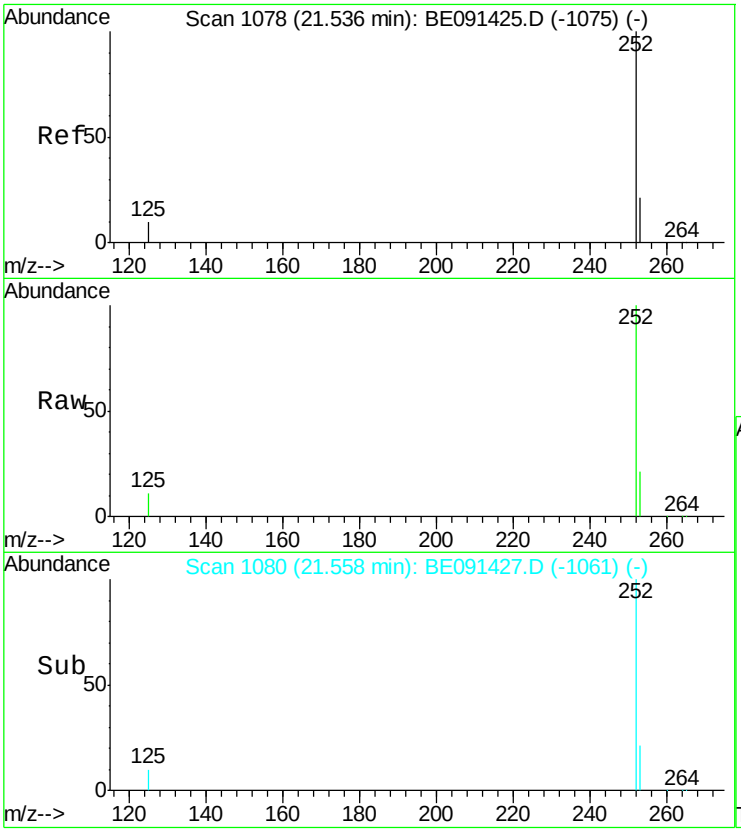


#25
Perylene-d12
Concen: 5.00 ng
RT: 22.09 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:264 Resp: 269176

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.0	27.0
265	22.9	18.2	27.4



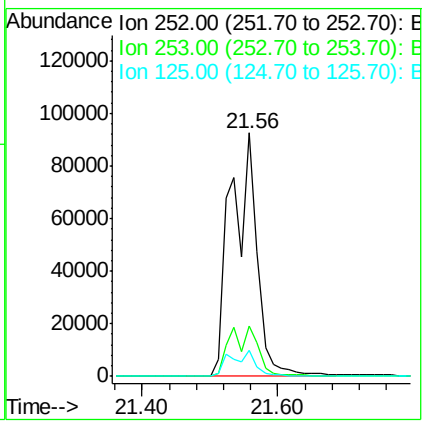


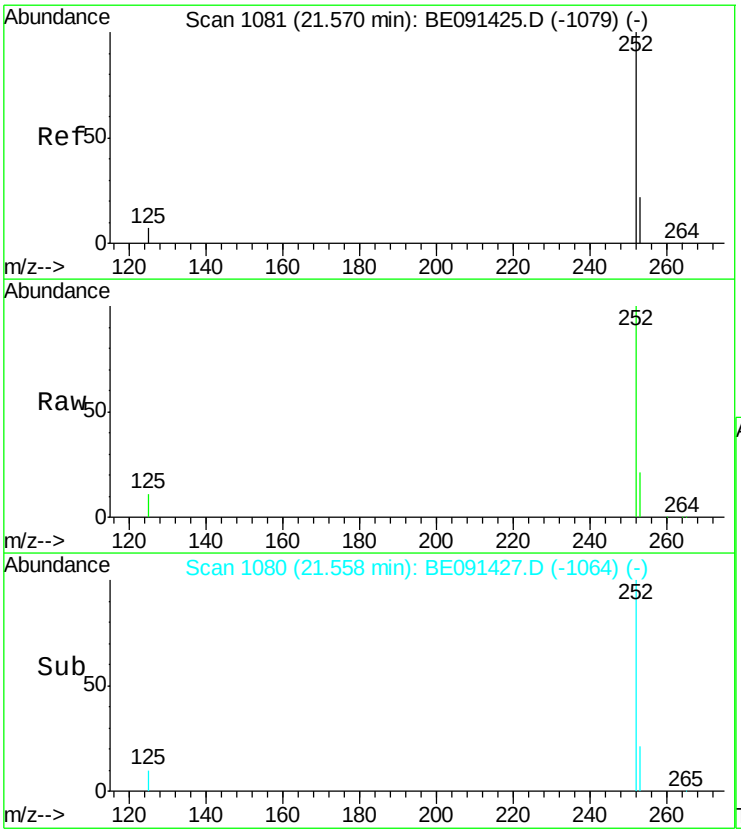
#26
Benzo(b)fluoranthene
Concen: 4.51 ng
RT: 21.56 min Scan# 1080
Delta R.T. 0.02 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 250845

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.0	25.4
125	10.5	8.3	12.5

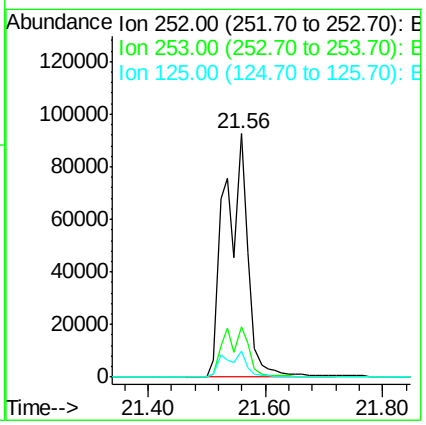


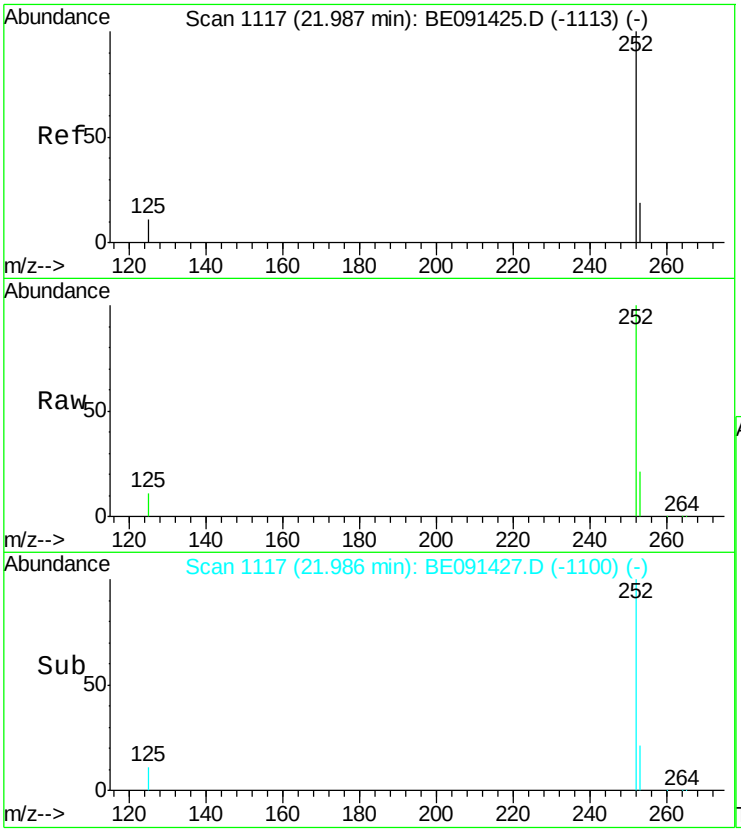


#27
Benzo(k)fluoranthene
Concen: 3.82 ng
RT: 21.56 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:252 Resp: 251928

Ion	Ratio	Lower	Upper
252	100		
253	20.9	19.5	29.3
125	10.5	7.3	10.9



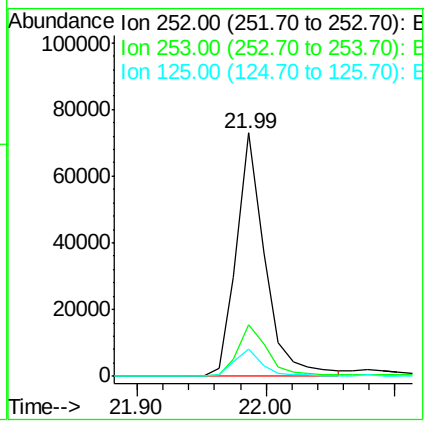


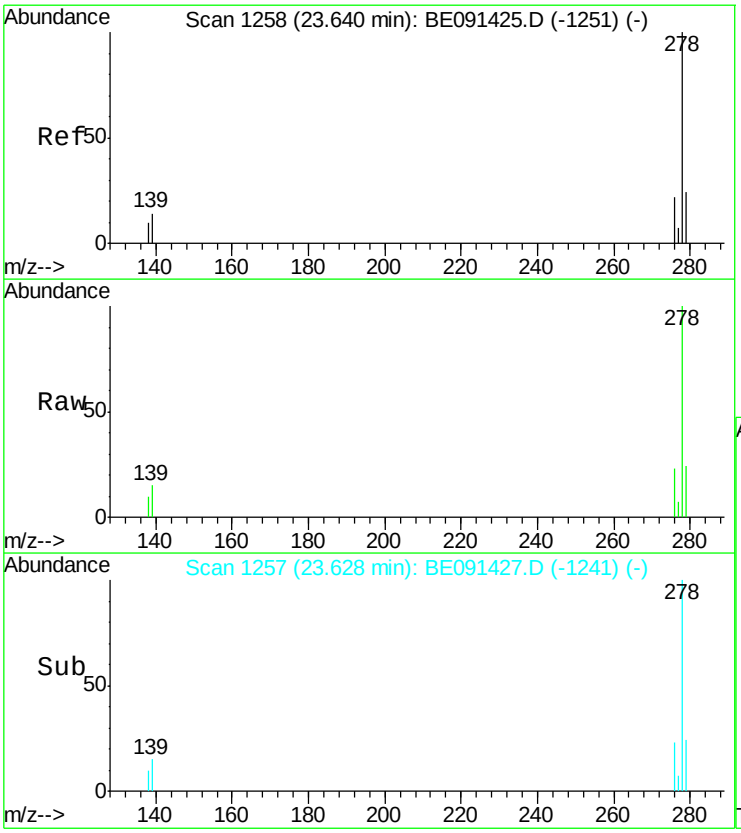
#28
Benzo(a)pyrene
Concen: 2.19 ng
RT: 21.99 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 111845

Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.2	24.4
125	11.3	9.6	14.4

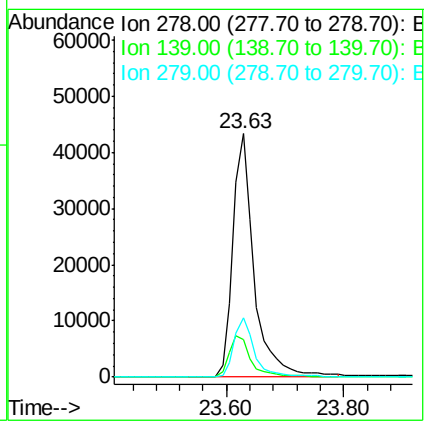


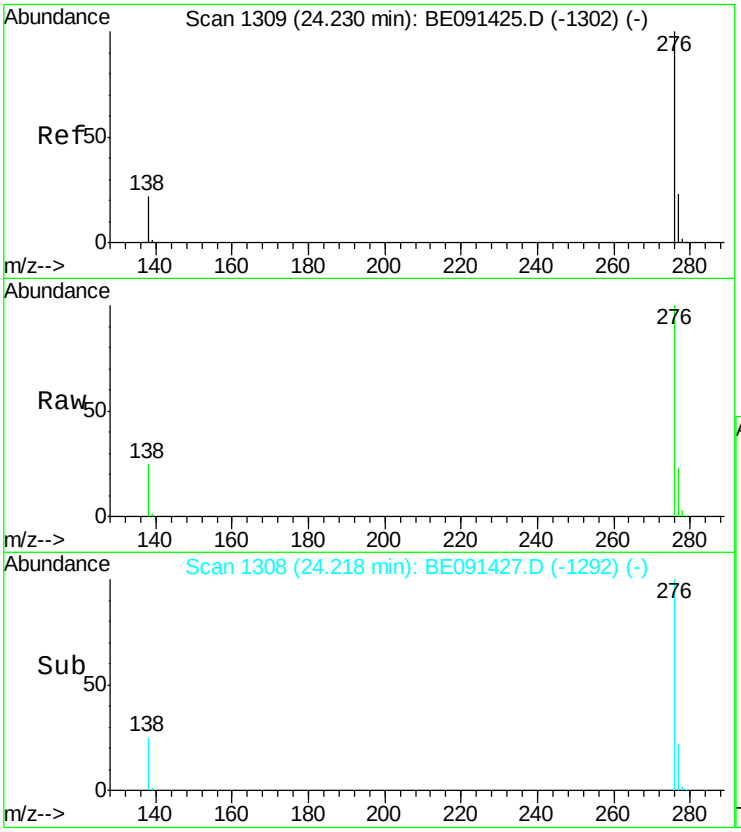


#29
Dibenzo(a,h)anthracene
Concen: 2.54 ng
RT: 23.63 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Tgt Ion:278 Resp: 108106

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.1	18.1
279	24.5	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 2.10 ng
RT: 24.22 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BE091427.D
Acq: 3 Mar 2016 17:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 114794

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.0	28.6
138	25.3	18.2	27.4