Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031816\
Data File : BE091469.D
Acq On : 17 Mar 2016 16:39
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Mar 18 02:40:32 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 02:38:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	58605	5.00	ng		0.00
6) Naphthalene-d8	10.61	136	253033	5.00	ng		0.00
10) Acenaphthene-d10	14.44	164	152243	5.00	ng		0.00
16) Phenanthrene-d10	17.18	188	387002	5.00	ng		0.00
22) Chrysene-d12	21.34	240	548010	5.00	ng		0.00
28) Perylene-d12	23.81	264	489333	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	1384	0.13	ng		0.00
5) Phenol-d6	7.01	99	1616	0.13	ng		0.02
7) Nitrobenzene-d5	8.99	82	1045	0.10	ng		0.01
11) 2,4,6-Tribromophenol	15.93	330	839	0.21	ng		0.00
12) 2-Fluorobiphenyl	13.08	172	3682	0.09	ng		0.01
24) Terphenyl-d14	19.80	244	6913	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	965	0.15	ng		88
3) n-Nitrosodimethylamine	3.68	42	912	0.18	ng	#	98
8) Naphthalene	10.65	128	6617	0.10	ng		96
9) 2-Methylnaphthalene	12.27	142	3856	0.09	ng		95
13) Acenaphthylene	14.16	152	5917	0.08	ng	#	73
14) Acenaphthene	14.51	154	4685	0.09	ng		94
15) Fluorene	15.49	166	6011	0.10	ng		98
17) Hexachlorobenzene	16.48	284	1792	0.07	ng		100
18) Pentachlorophenol	16.84	266	658	0.28	ng	#	88
19) Phenanthrene	17.22	178	11942	0.10	ng		97
20) Anthracene	17.31	178	9335	0.09	ng		99
21) Fluoranthene	19.23	202	13080	0.10	ng		98
23) Pyrene	19.59	202	13812	0.07	ng		98
25) Benzo(a)anthracene	21.38	228	37192	0.20	ng	#	88
26) Chrysene	21.38	228	38040	0.20	ng		98
27) Indeno(1,2,3-cd)pyrene	26.40	276	16147	0.10	ng		99
29) Benzo(b)fluoranthene	23.05	252	18202	0.10	ng	#	90
30) Benzo(k)fluoranthene	23.09	252	18688	0.11	ng	#	89
31) Benzo(a)pyrene	23.69	252	14114	0.09	ng	#	82
32) Dibenzo(a,h)anthracene	26.43	278	13247	0.11	ng	#	90
33) Benzo(g,h,i)perylene	27.20	276	14370	0.10	ng		97

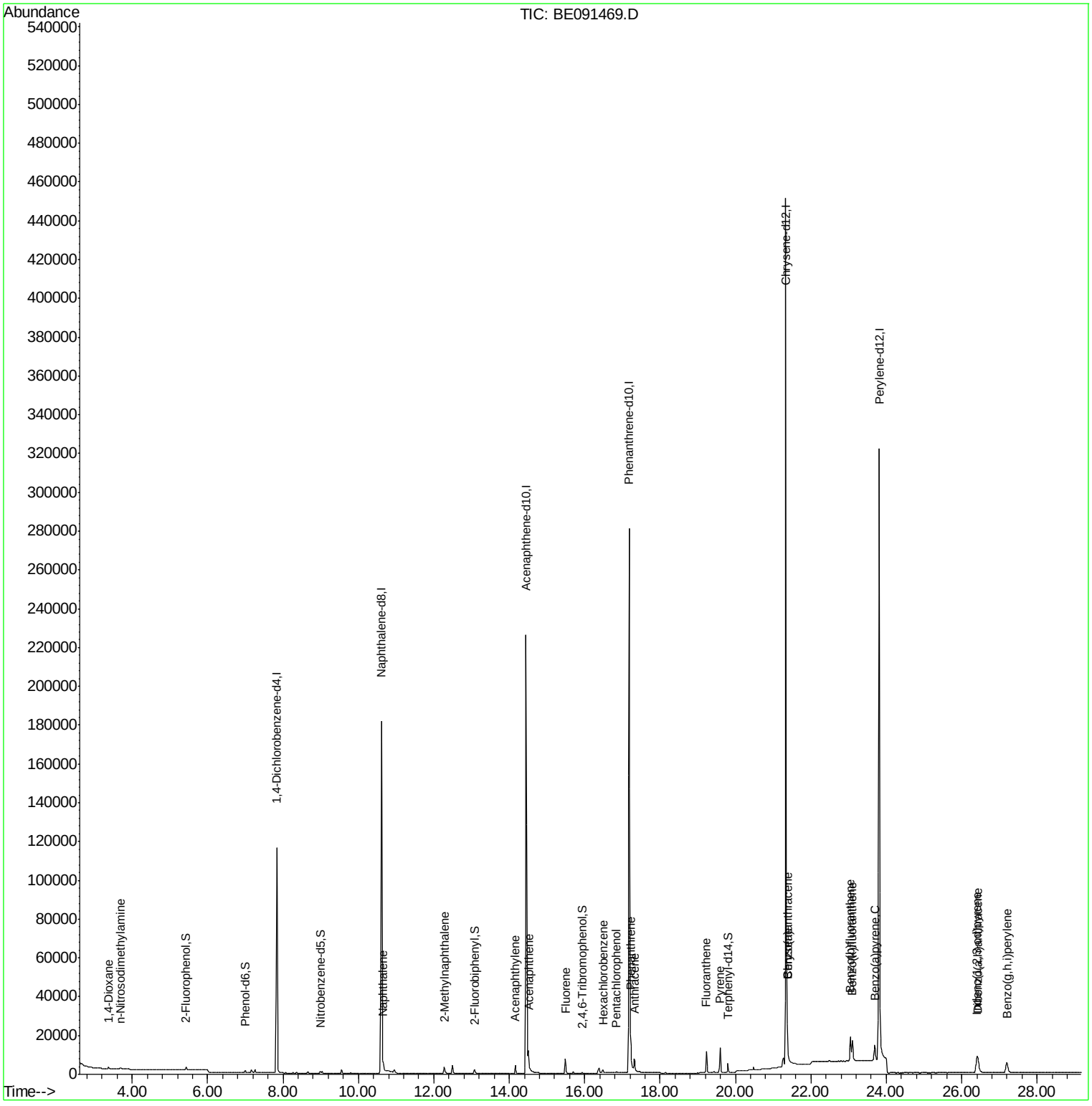
(#) = qualifier out of range (m) = manual integration (+) = signals summed

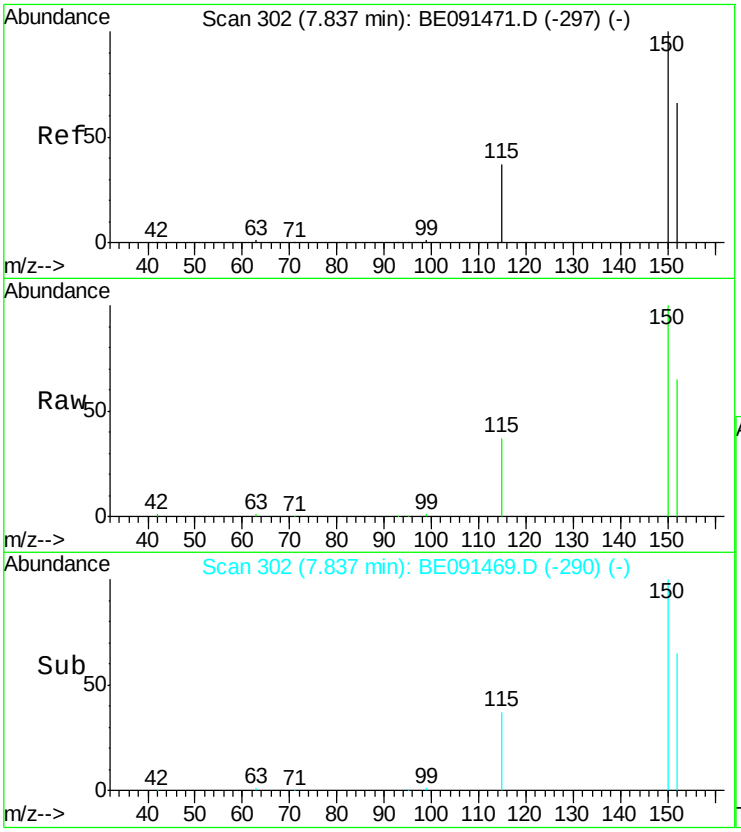
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031816\
Data File : BE091469.D
Acq On : 17 Mar 2016 16:39
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Mar 18 02:40:32 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 02:38:58 2016
Response via : Initial Calibration



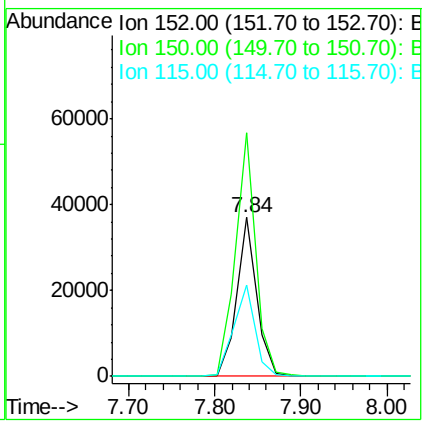


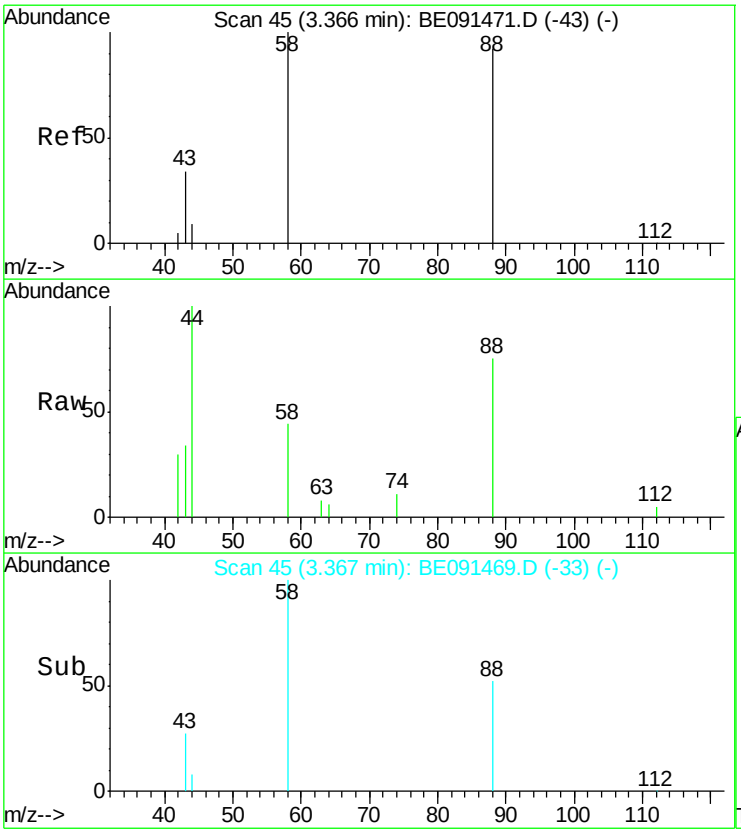
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 302
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 58605

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.2	183.2
115	57.4	45.9	68.9

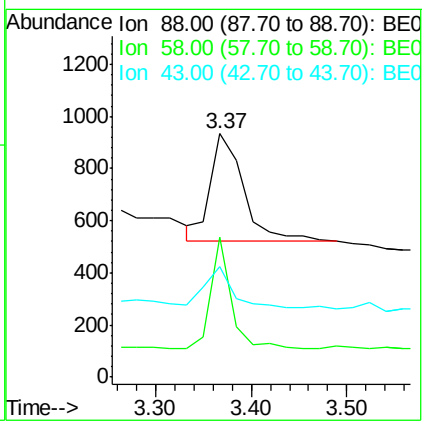


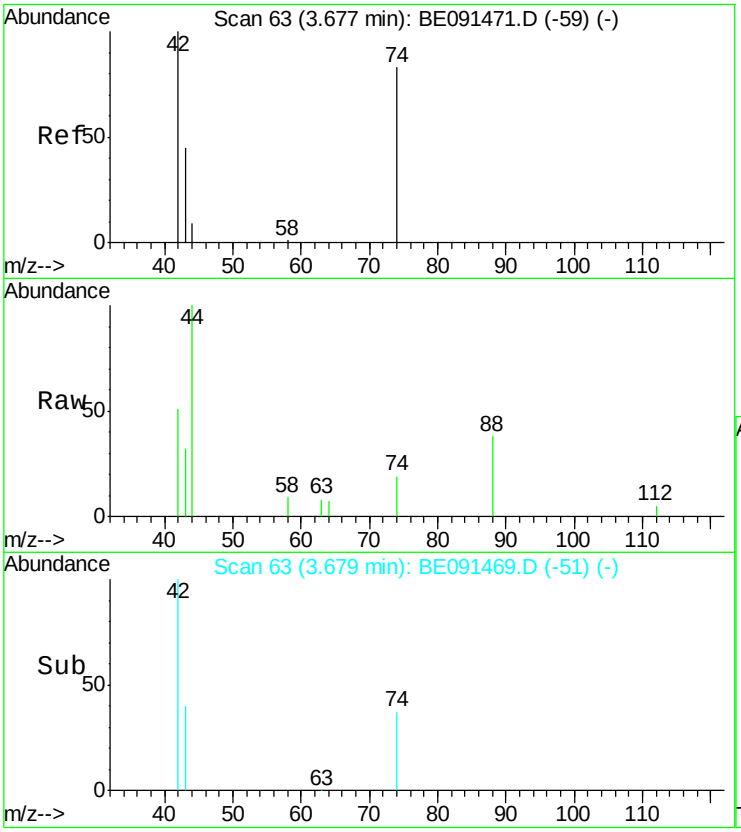


#2
1,4-Dioxane
Concen: 0.15 ng
RT: 3.37 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion: 88 Resp: 965

Ion	Ratio	Lower	Upper
88	100		
58	64.4	61.0	91.6
43	36.3	25.4	38.2



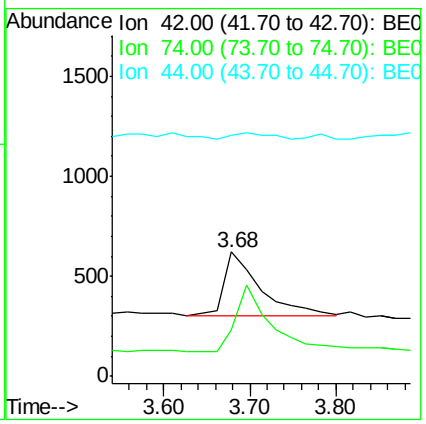


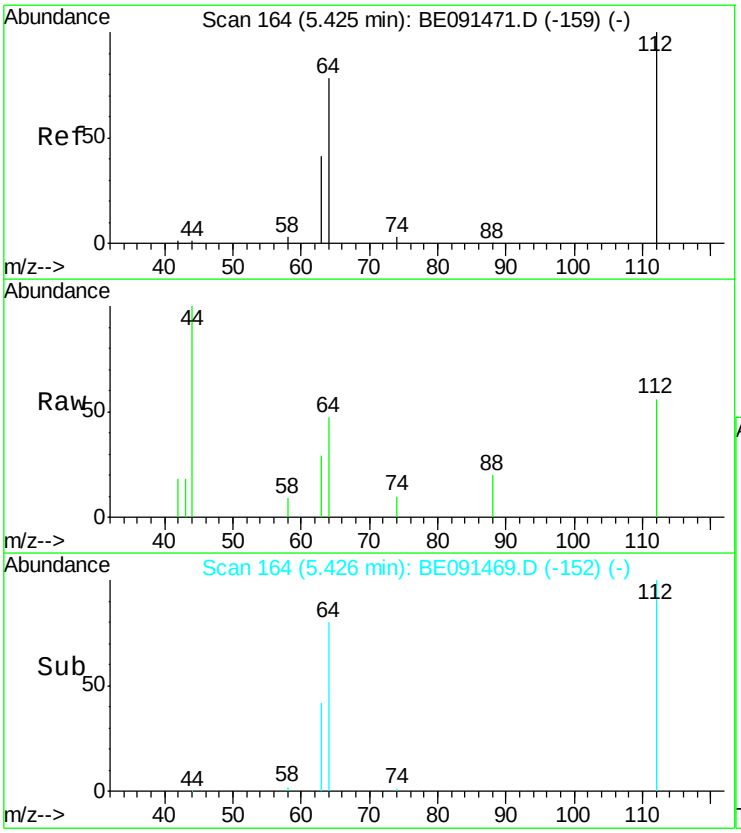
#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.68 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 912

Ion	Ratio	Lower	Upper
42	100		
74	103.5	84.3	126.5
44	10.7	6.7	10.1#

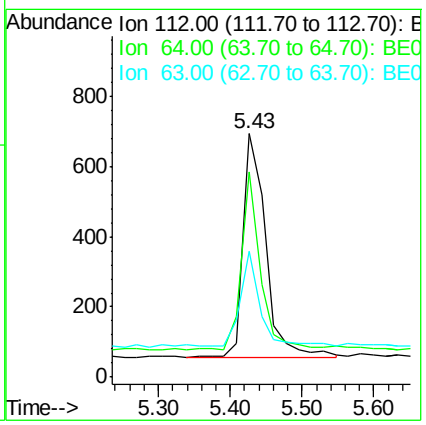


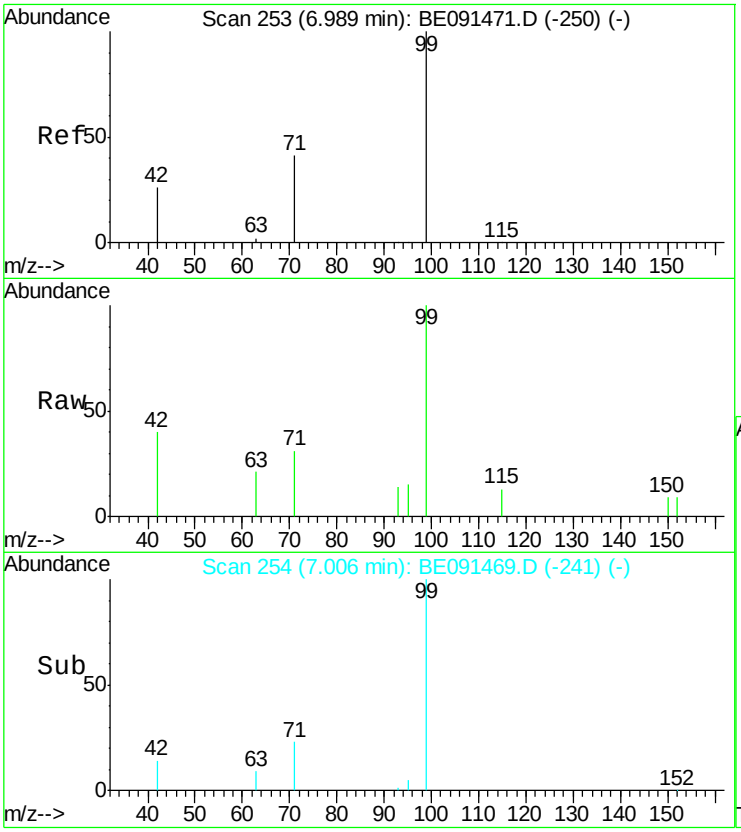


#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.43 min Scan# 164
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:112 Resp: 1384

Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.3	79.9
63	36.8	29.8	44.8



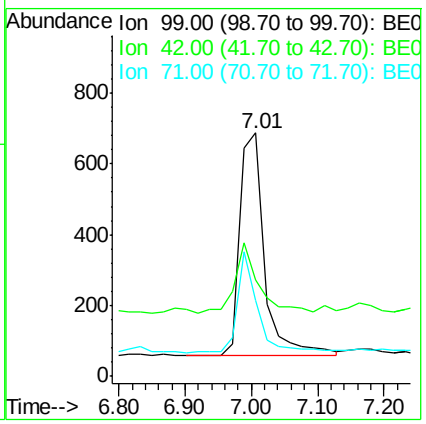


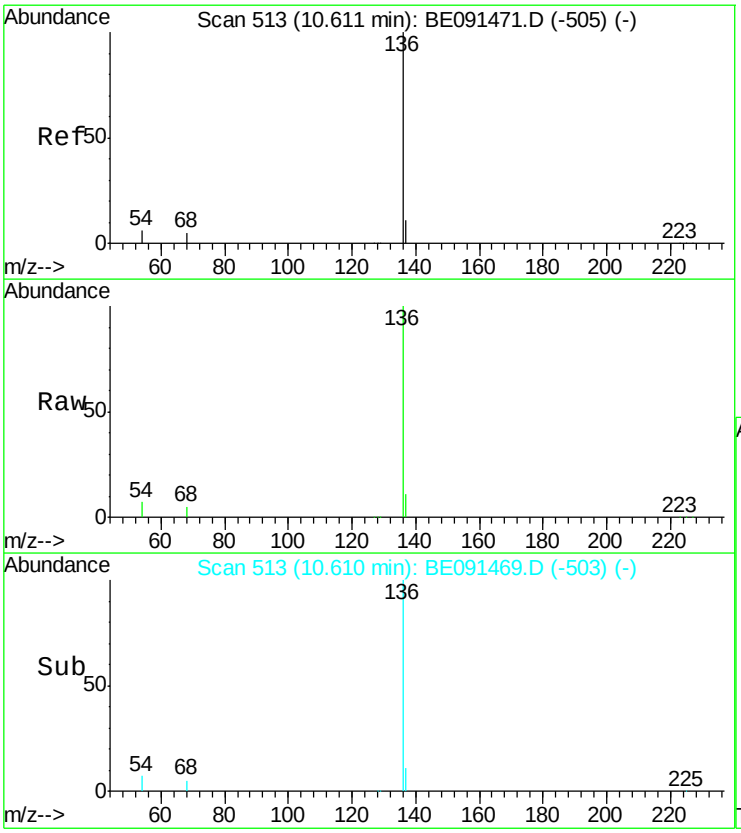
#5
Phenol-d6
Concen: 0.13 ng
RT: 7.01 min Scan# 254
Delta R.T. 0.02 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1616

Ion	Ratio	Lower	Upper
99	100		
42	30.2	20.6	30.8
71	36.4	29.0	43.4

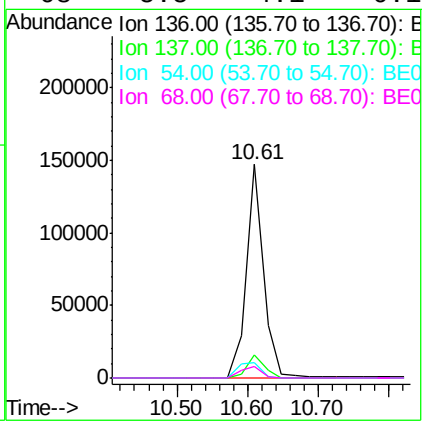


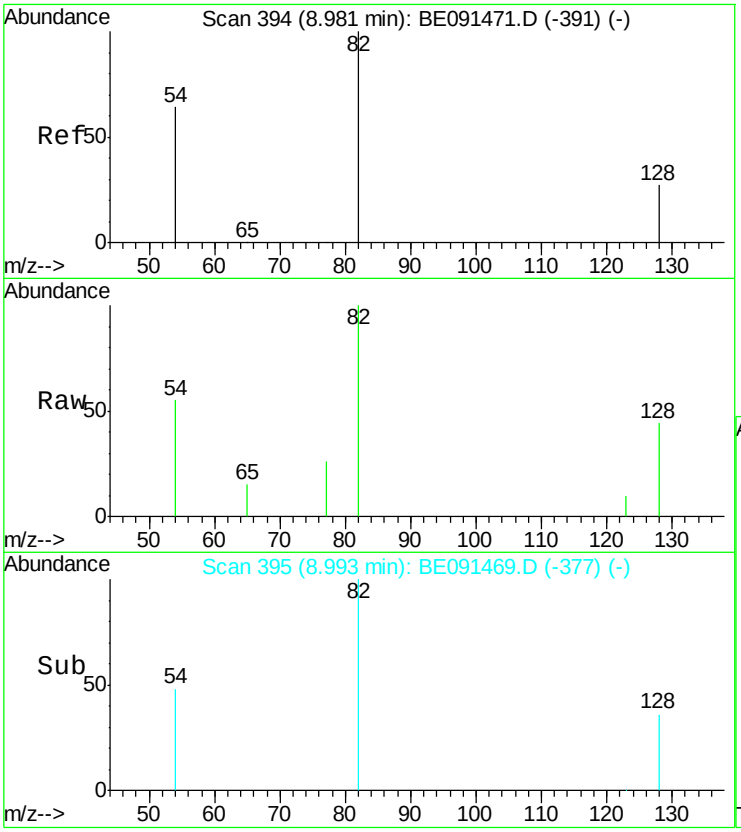


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.61 min Scan# 513
Delta R.T. -0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:136 Resp: 253033

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.2	7.8
68	5.5	4.1	6.1



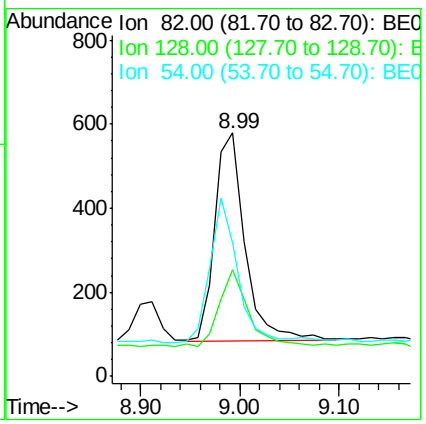


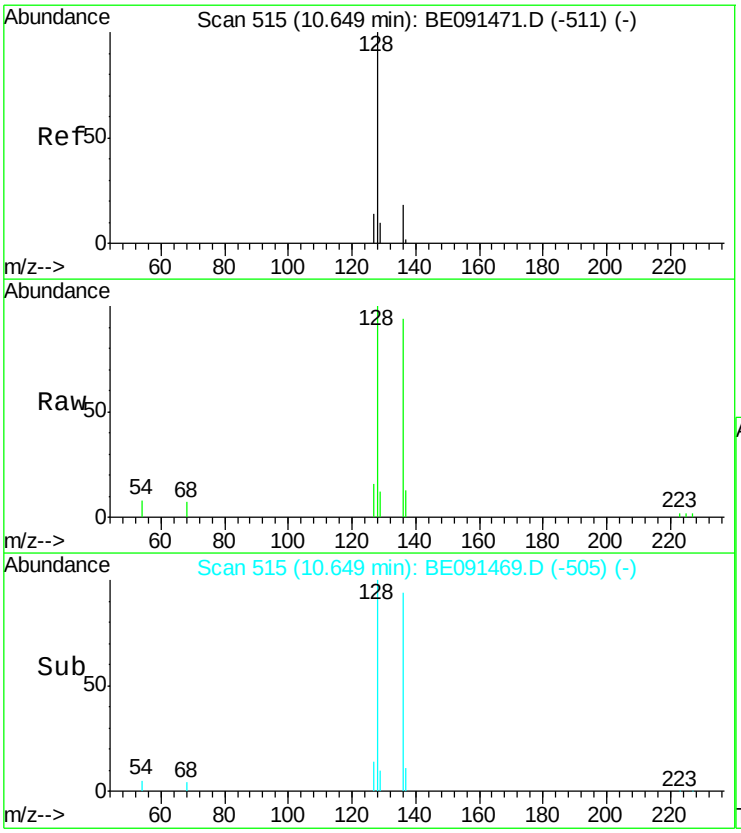
#7
Nitrobenzene-d5
Concen: 0.10 ng
RT: 8.99 min Scan# 395
Delta R.T. 0.01 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 1045

Ion	Ratio	Lower	Upper
82	100		
128	44.0	23.5	35.3#
54	55.1	52.4	78.6

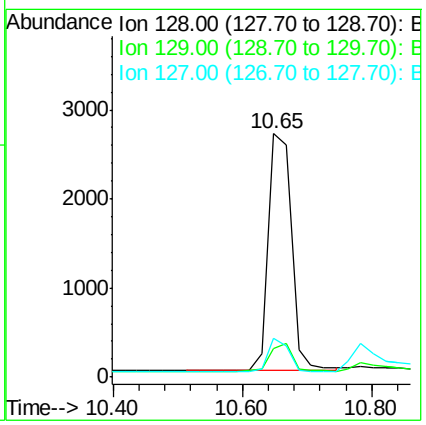


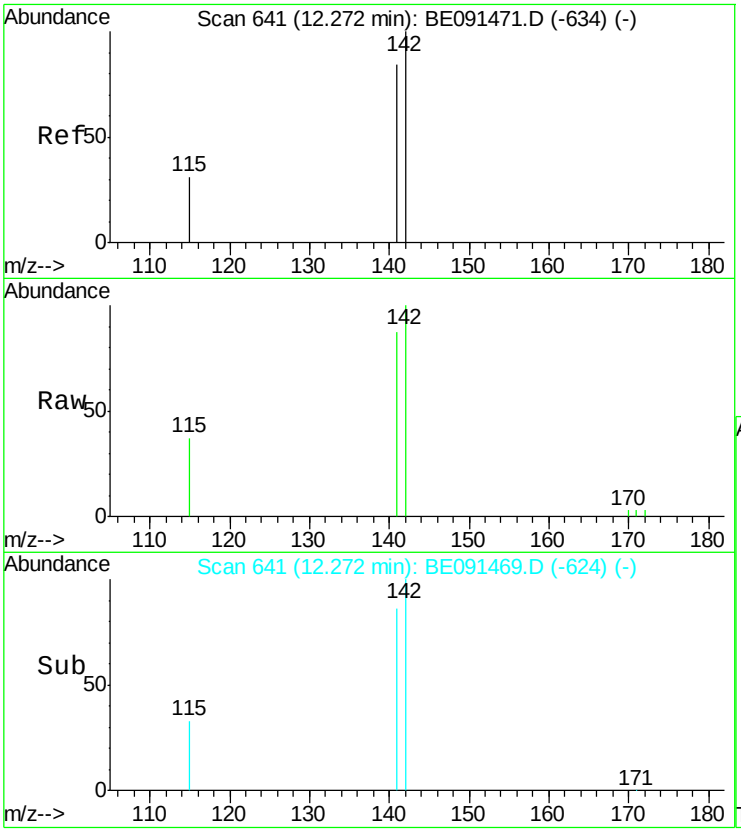


#8
Naphthalene
Concen: 0.10 ng
RT: 10.65 min Scan# 515
Delta R.T. -0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:128 Resp: 6617

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.2	12.2
127	16.2	11.8	17.8



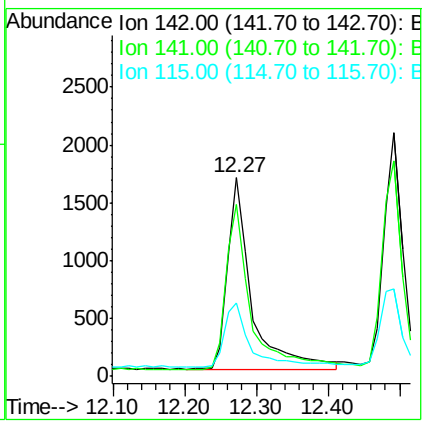


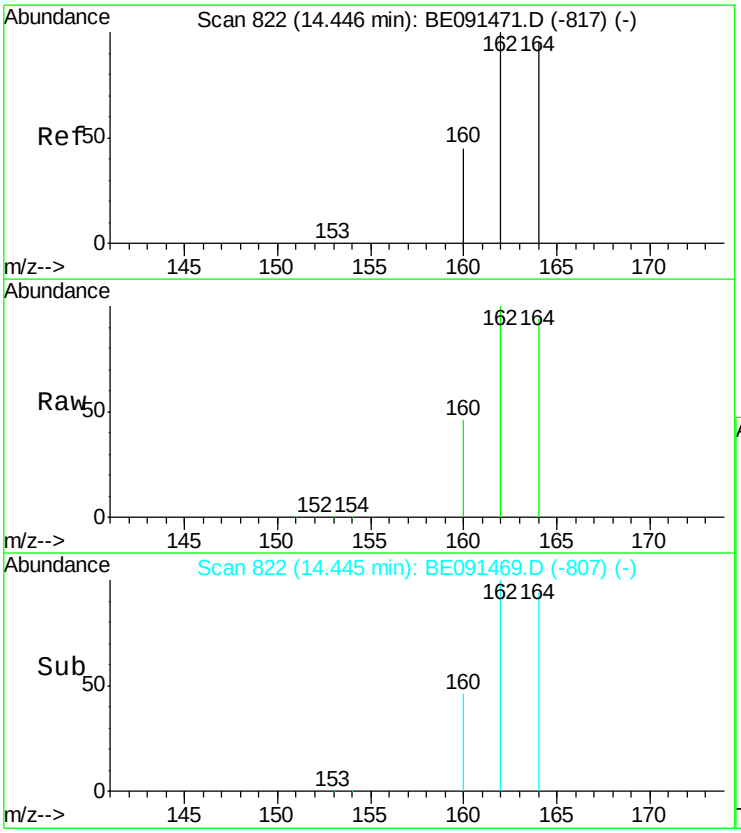
#9
2-Methylnaphthalene
Concen: 0.09 ng
RT: 12.27 min Scan# 641
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 3856

Ion	Ratio	Lower	Upper
142	100		
141	86.6	66.9	100.3
115	37.0	25.1	37.7

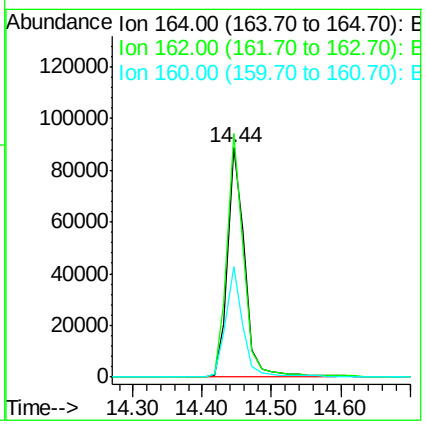


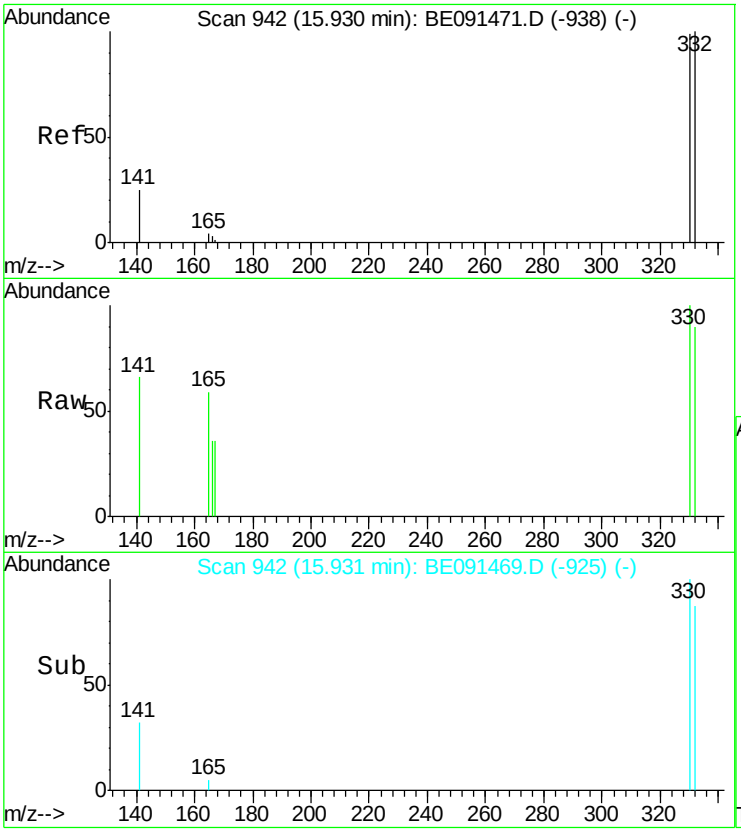


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.44 min Scan# 822
Delta R.T. -0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:164 Resp: 152243

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.4	126.6
160	48.4	37.7	56.5



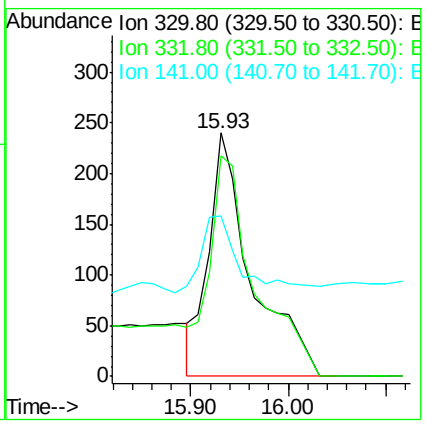


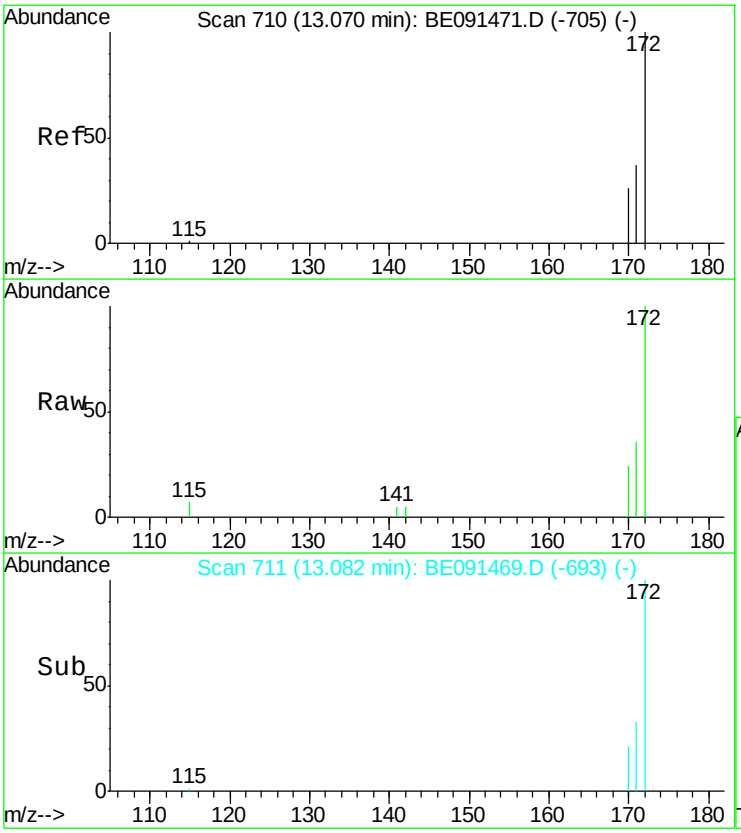
#11
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.93 min Scan# 942
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 839

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.2	118.8
141	27.5	28.1	42.1#

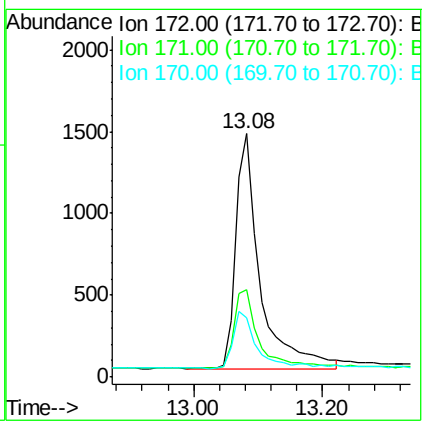


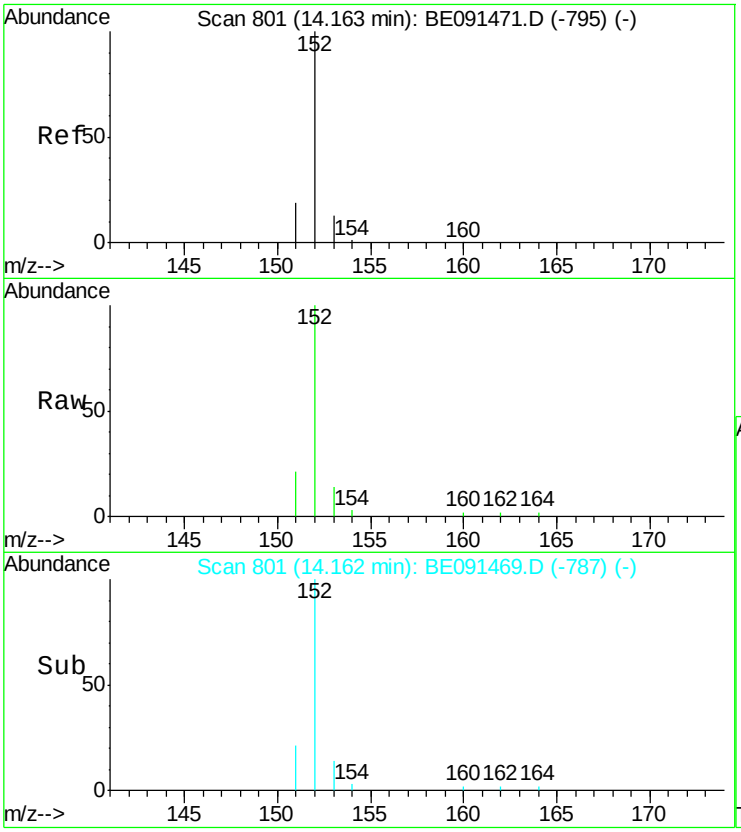


#12
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 13.08 min Scan# 711
Delta R.T. 0.01 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:172 Resp: 3682

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.8
170	24.1	21.4	32.2



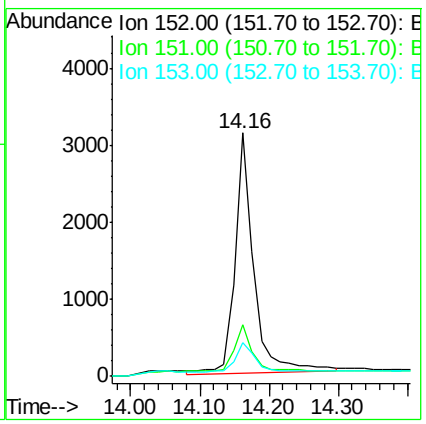


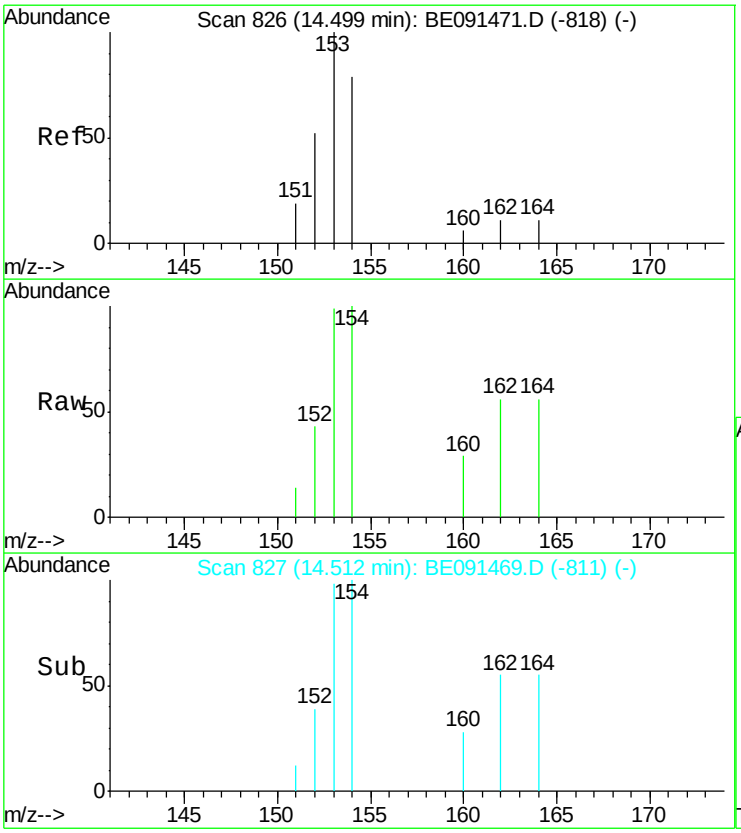
#13
Acenaphthylene
Concen: 0.08 ng
RT: 14.16 min Scan# 801
Delta R.T. -0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5917

Ion	Ratio	Lower	Upper
152	100		
151	39.4	16.3	24.5#
153	16.1	11.1	16.7

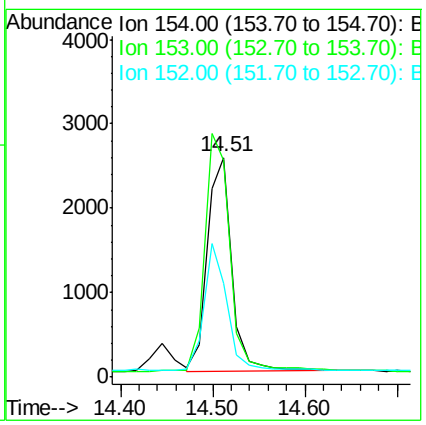


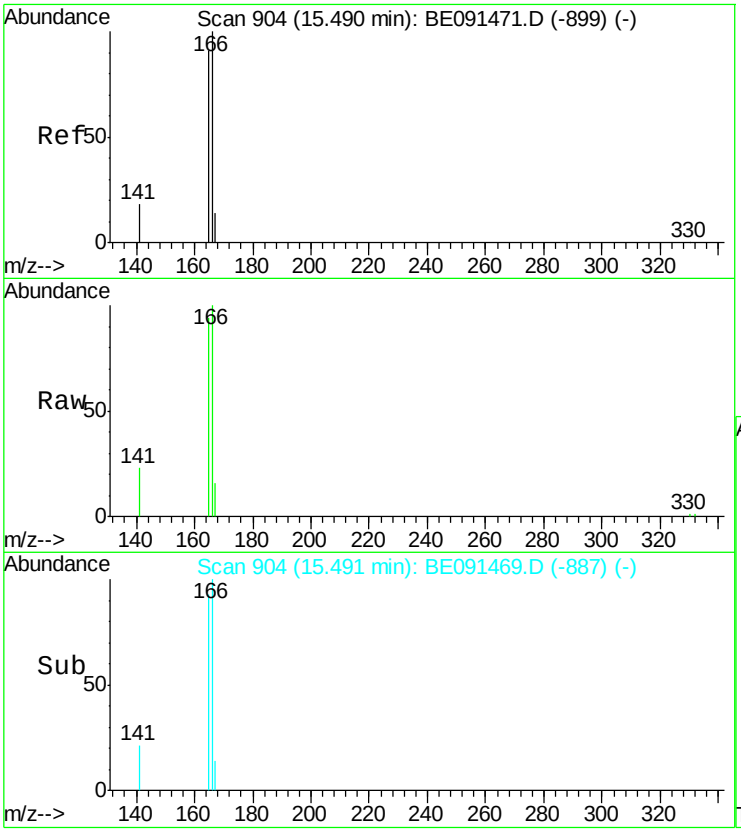


#14
Acenaphthene
Concen: 0.09 ng
RT: 14.51 min Scan# 827
Delta R.T. 0.01 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:154 Resp: 4685

Ion	Ratio	Lower	Upper
154	100		
153	116.6	87.3	130.9
152	55.4	42.9	64.3



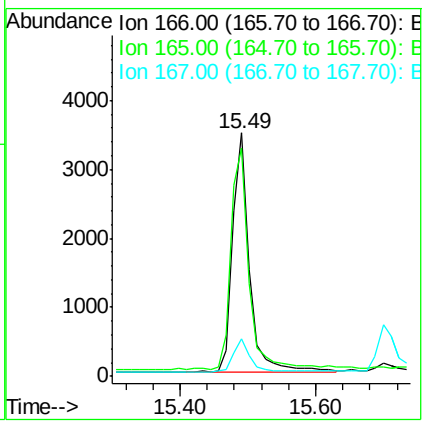


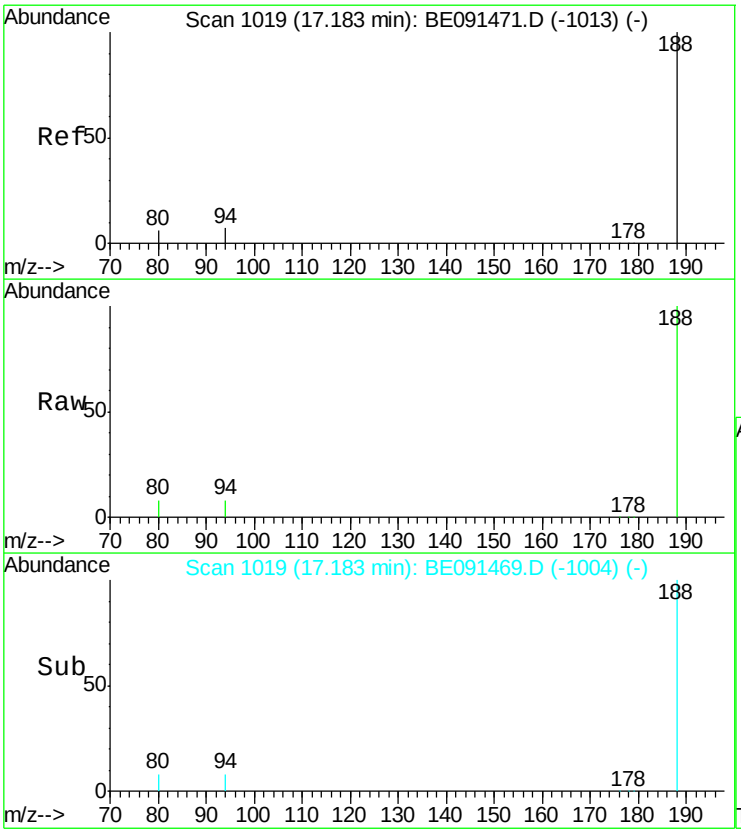
#15
Fluorene
Concen: 0.10 ng
RT: 15.49 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 6011

Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.2	118.8
167	13.8	10.8	16.2

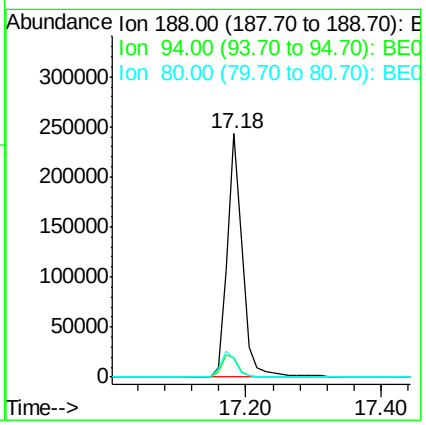


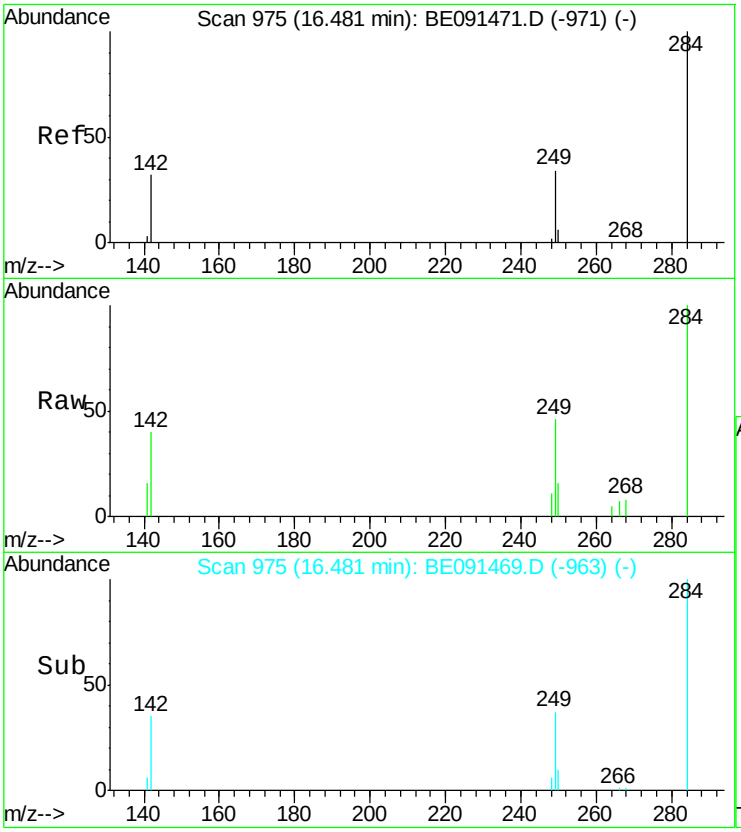


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.18 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:188 Resp: 387002

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.4	8.2
80	7.5	5.0	7.4#



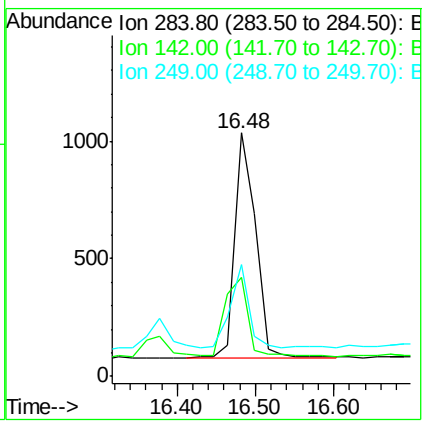


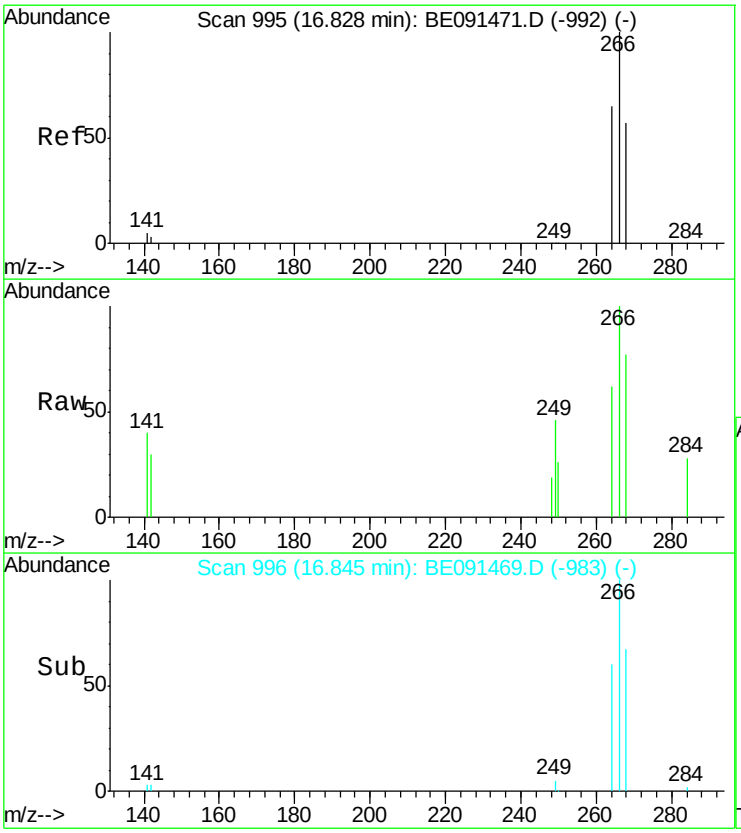
#17
Hexachlorobenzene
Concen: 0.07 ng
RT: 16.48 min Scan# 975
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1792

Ion	Ratio	Lower	Upper
284	100		
142	38.4	31.0	46.4
249	32.1	25.8	38.8

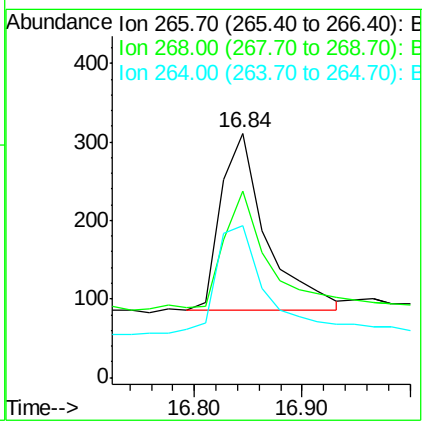


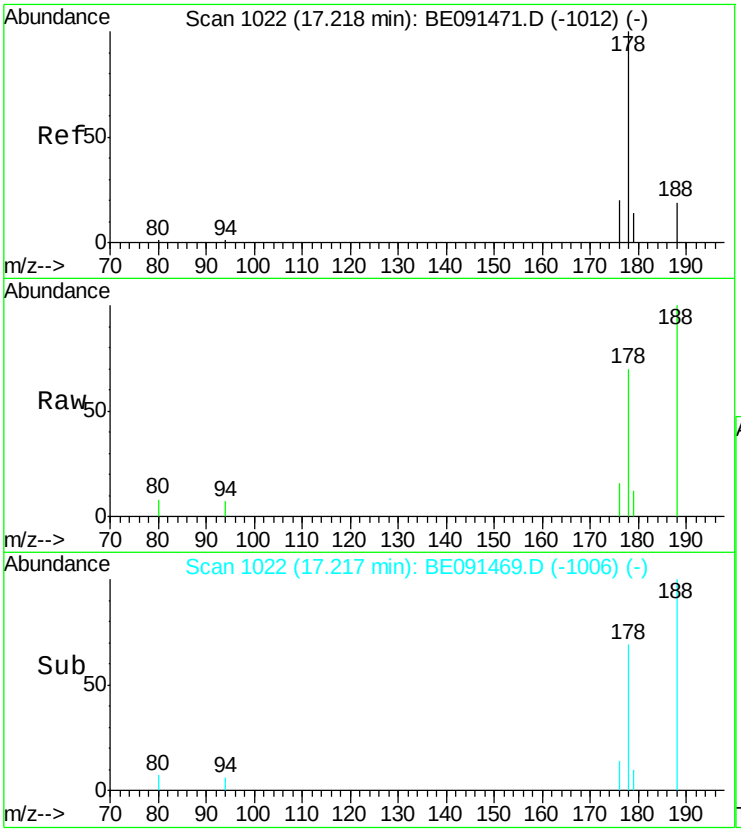


#18
Pentachlorophenol
Concen: 0.28 ng
RT: 16.84 min Scan# 996
Delta R.T. 0.02 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:266 Resp: 658

Ion	Ratio	Lower	Upper
266	100		
268	76.5	48.2	72.2#
264	62.4	52.1	78.1



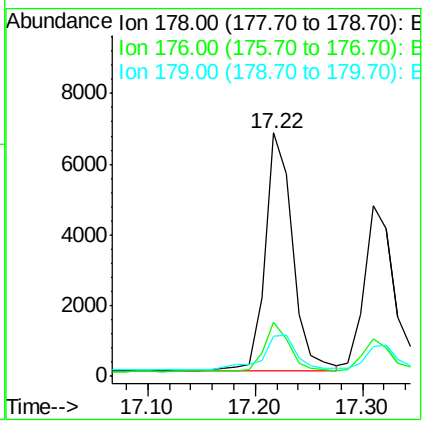


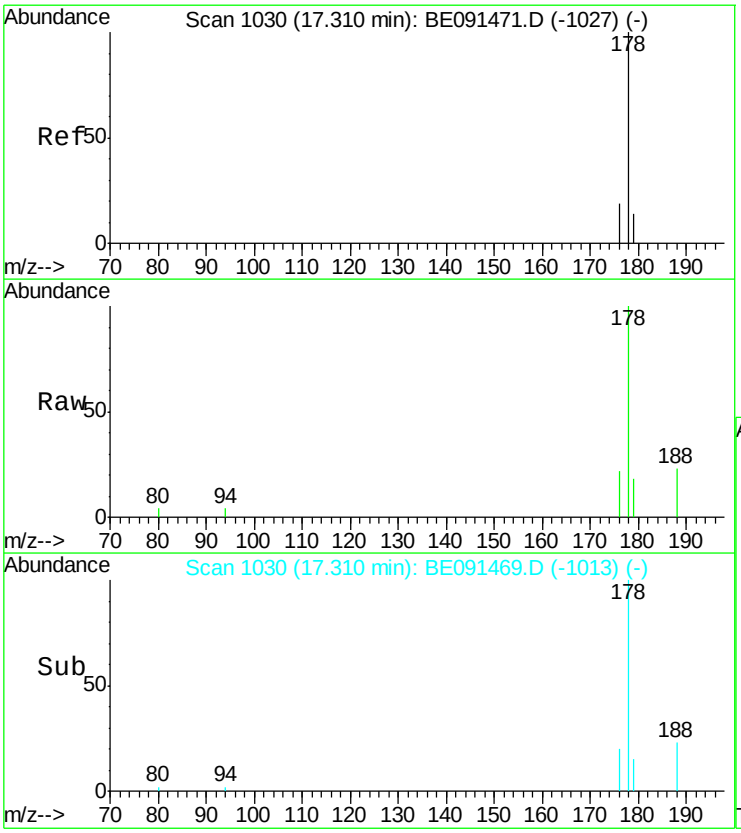
#19
Phenanthrene
Concen: 0.10 ng
RT: 17.22 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 11942

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	18.4	13.1	19.7

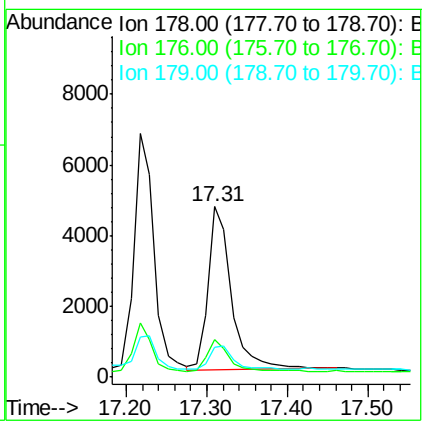


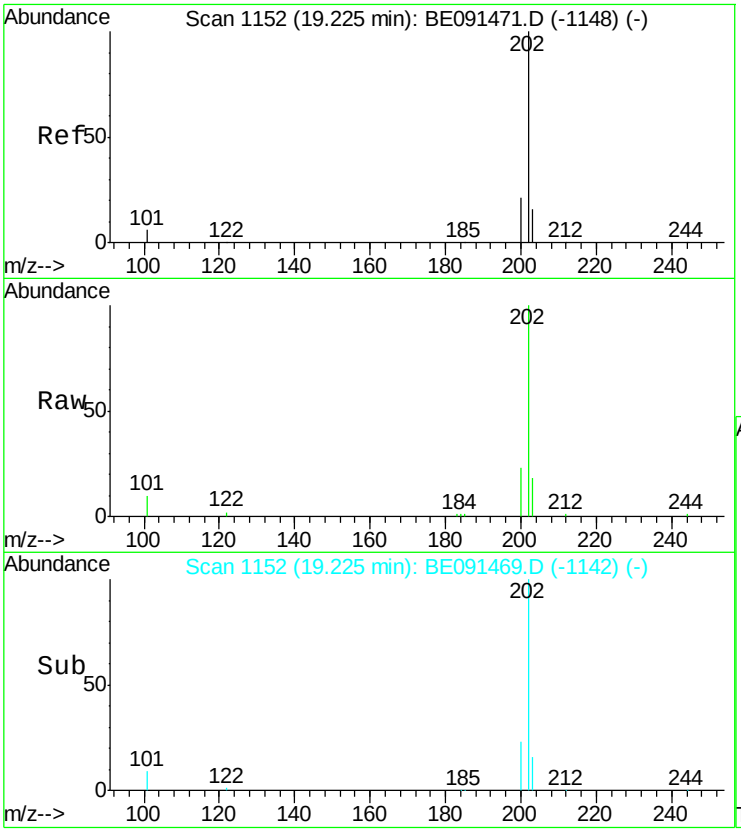


#20
Anthracene
Concen: 0.09 ng
RT: 17.31 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:178 Resp: 9335

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	14.8	12.2	18.4



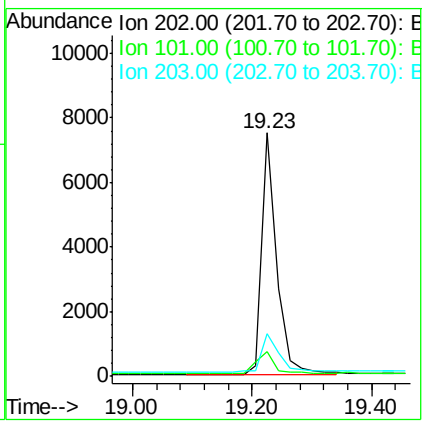


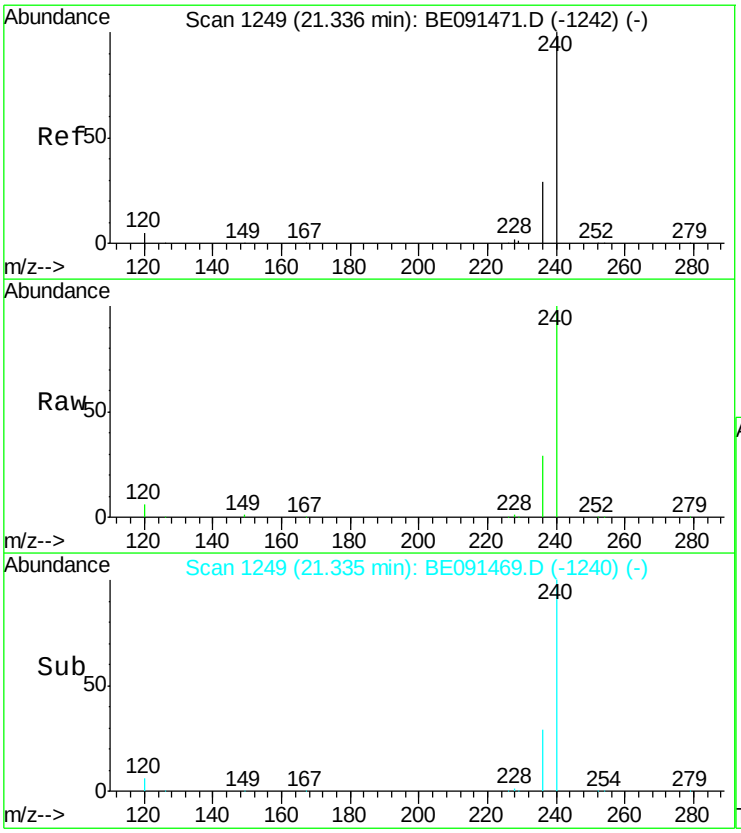
#21
Fluoranthene
Concen: 0.10 ng
RT: 19.23 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 13080

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.3	12.5
203	18.2	13.9	20.9

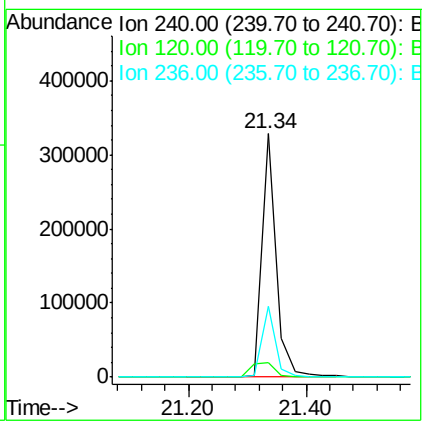


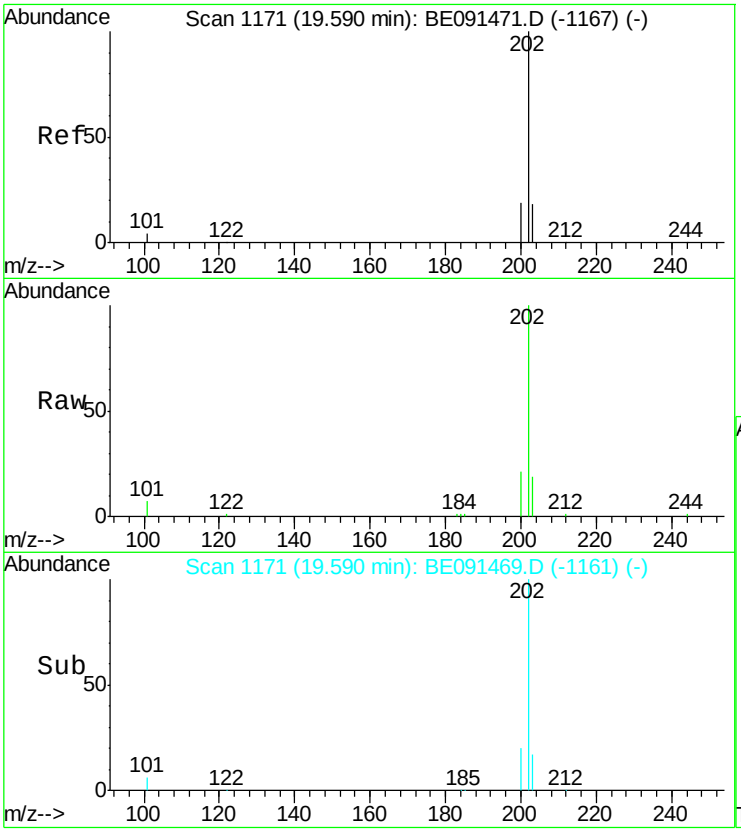


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:240 Resp: 548010

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.0	6.0
236	28.9	23.0	34.4



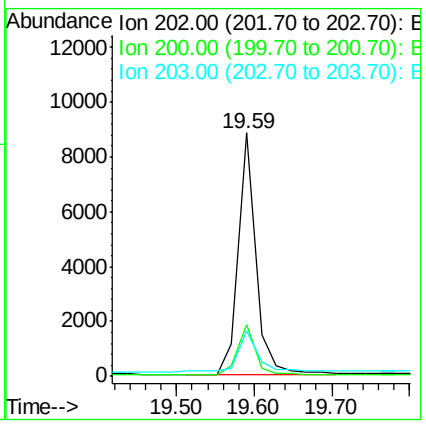


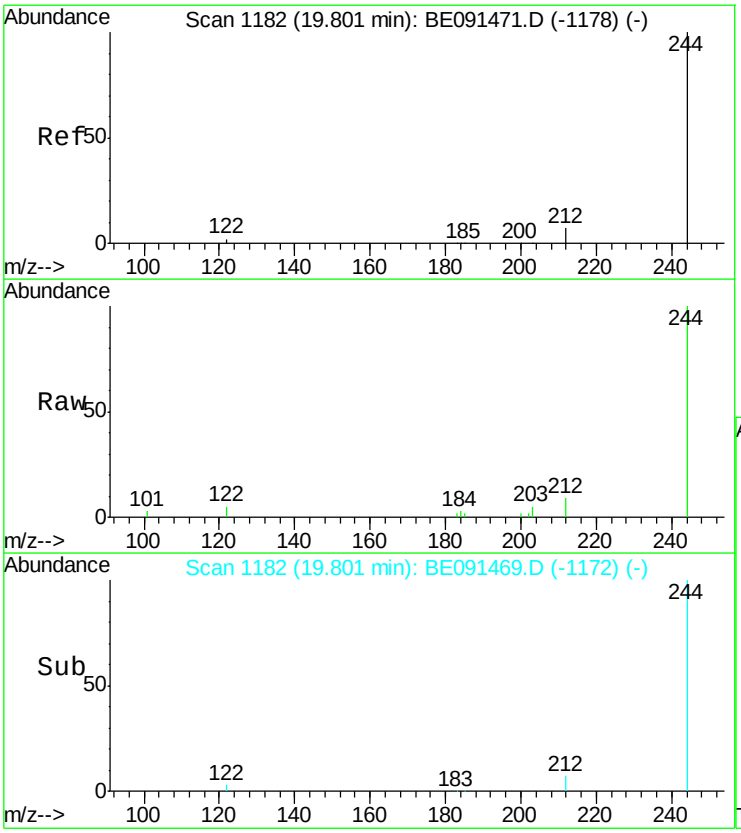
#23
Pyrene
Concen: 0.07 ng
RT: 19.59 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 13812

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.4	24.6
203	19.3	14.6	21.8

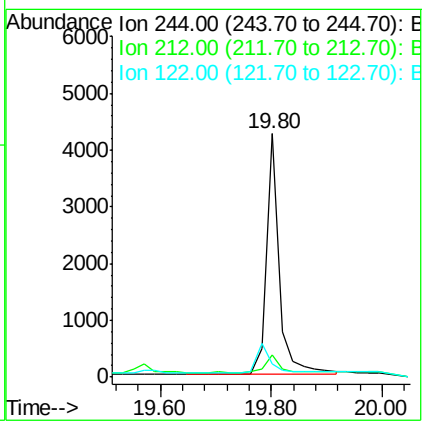


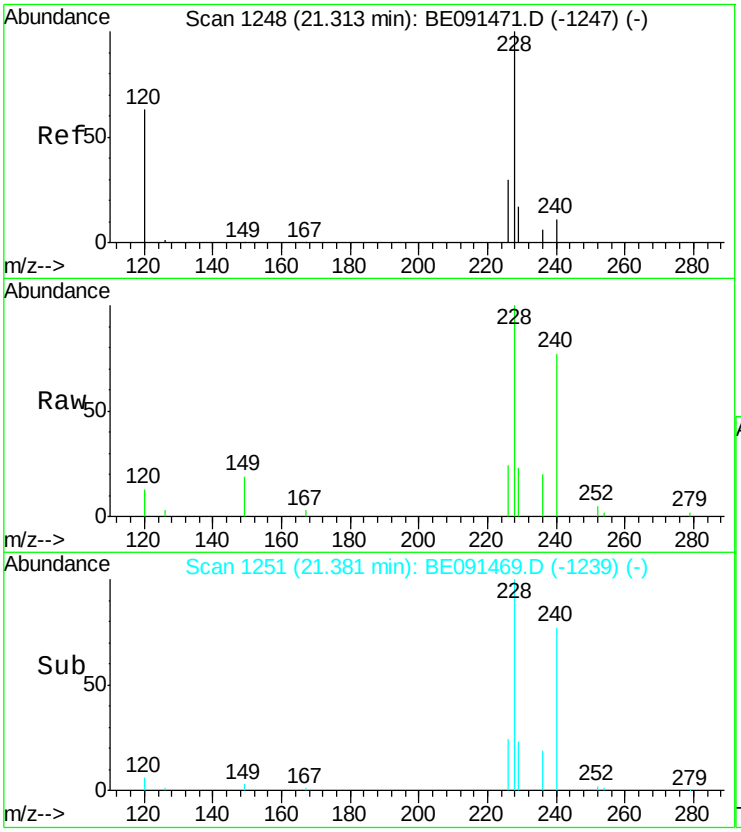


#24
Terphenyl-d14
Concen: 0.10 ng
RT: 19.80 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:244 Resp: 6913

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	5.2	1.8	2.8#



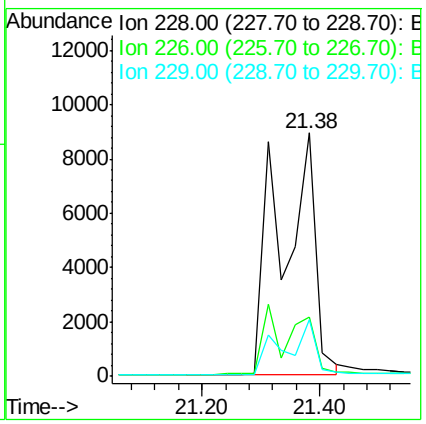


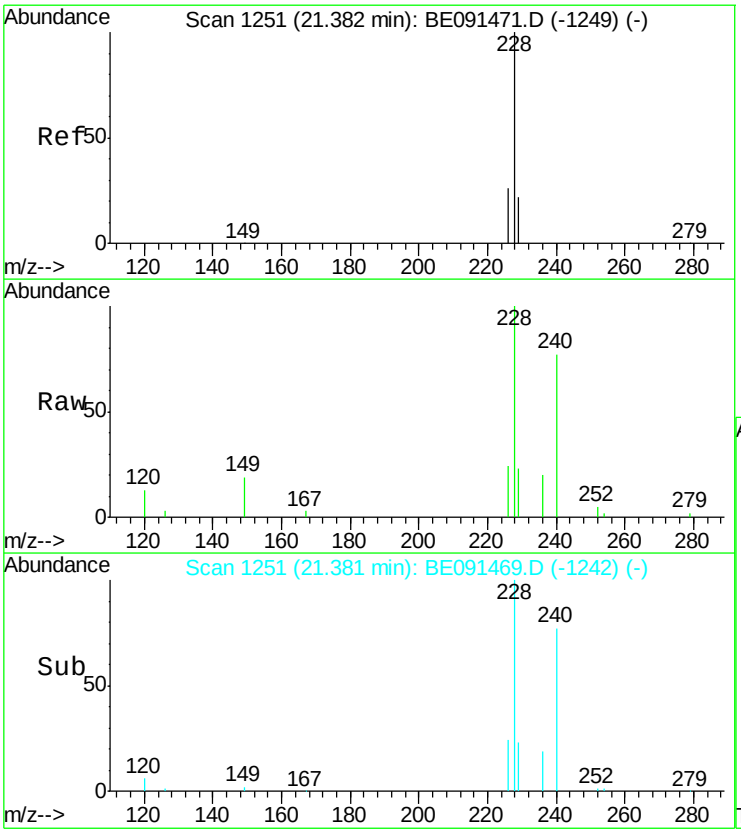
#25
Benzo(a)anthracene
Concen: 0.20 ng
RT: 21.38 min Scan# 1251
Delta R.T. 0.07 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 37192

Ion	Ratio	Lower	Upper
228	100		
226	24.5	24.0	36.0
229	23.3	13.8	20.6#

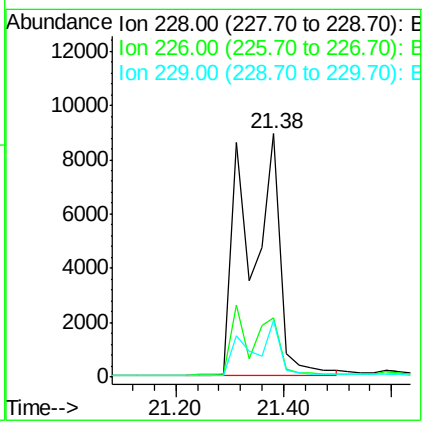


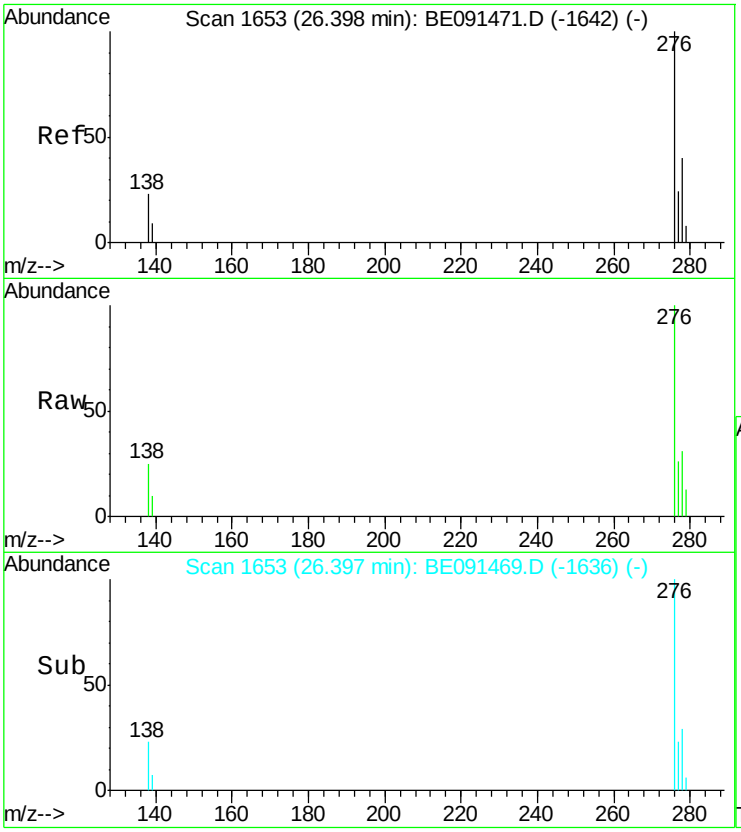


#26
Chrysene
Concen: 0.20 ng
RT: 21.38 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:228 Resp: 38040

Ion	Ratio	Lower	Upper
228	100		
226	24.5	18.9	28.3
229	23.3	19.1	28.7



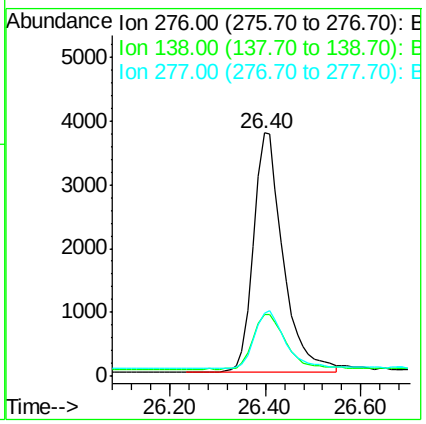


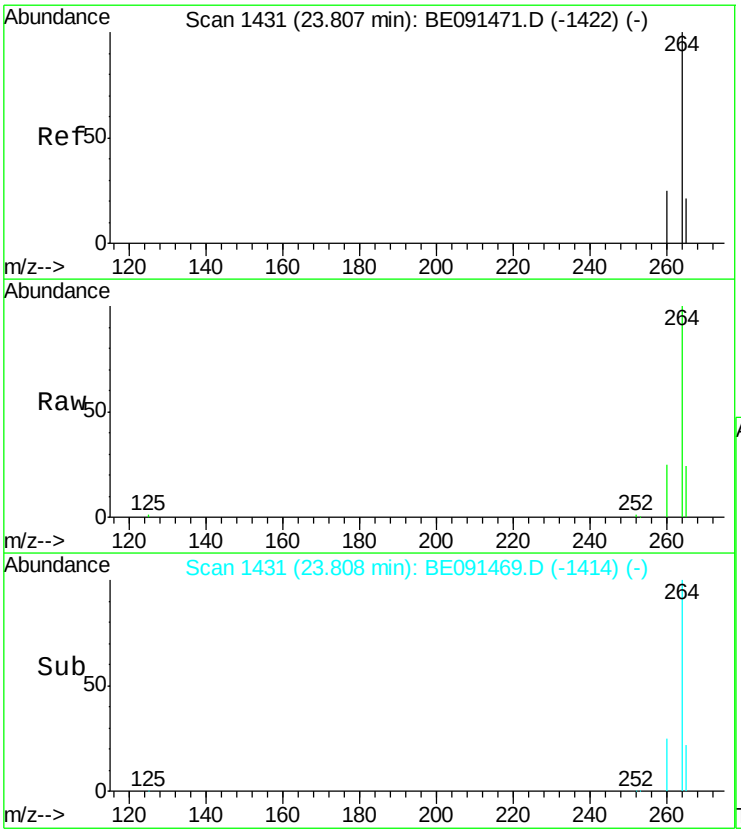
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 26.40 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 16147

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.2	30.4
277	25.2	19.8	29.8

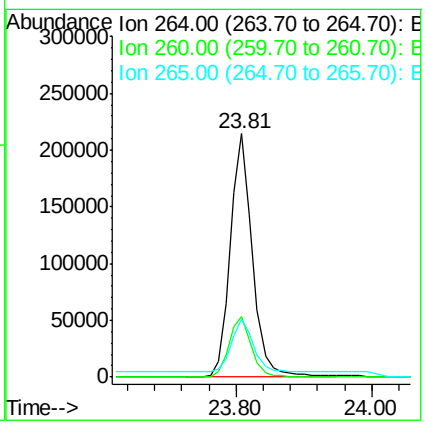


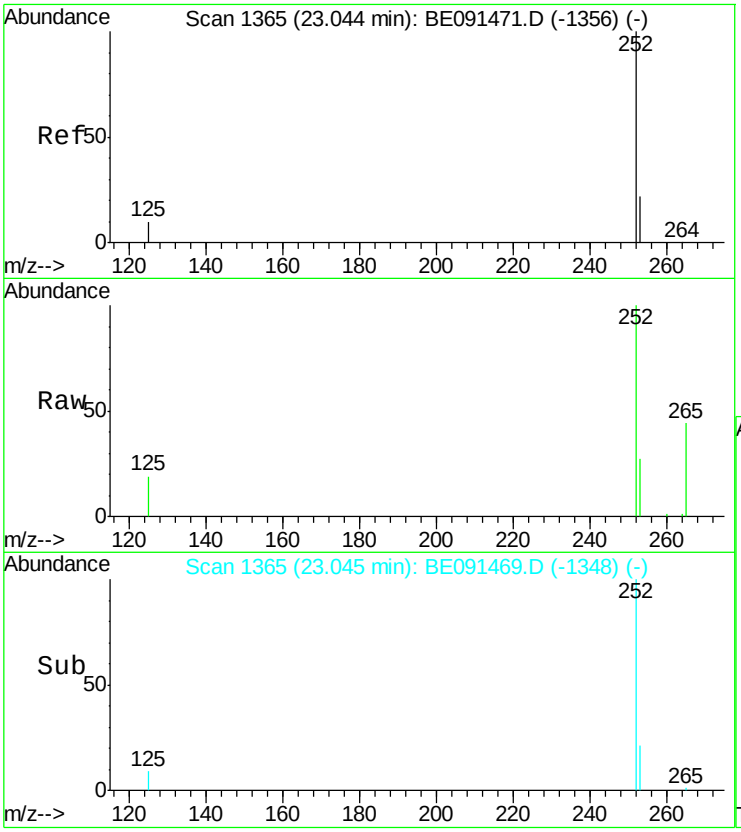


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.81 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:264 Resp: 489333

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	23.8	18.3	27.5



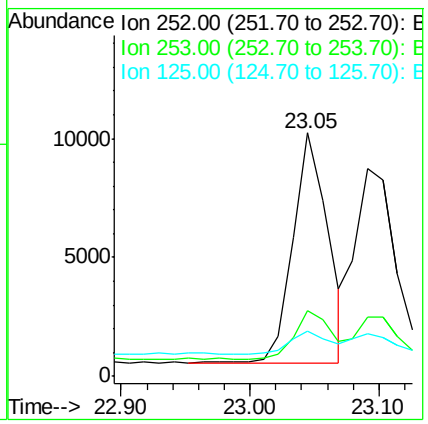


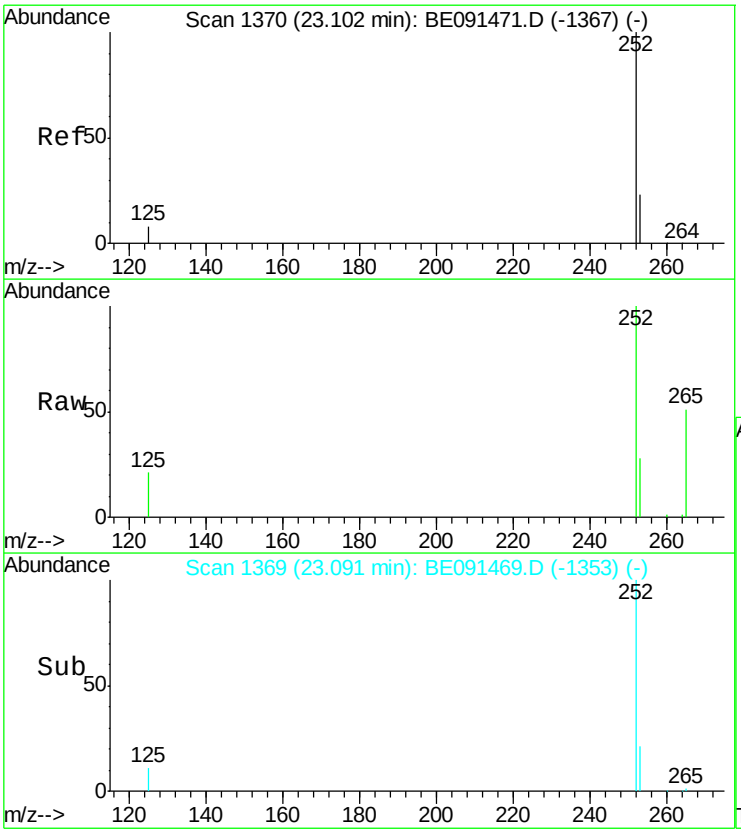
#29
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 23.05 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 18202

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.7	28.1
125	18.6	9.8	14.6#

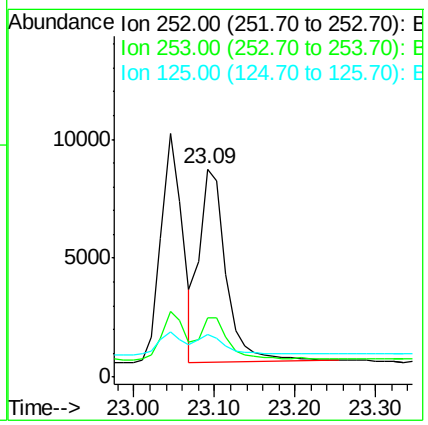


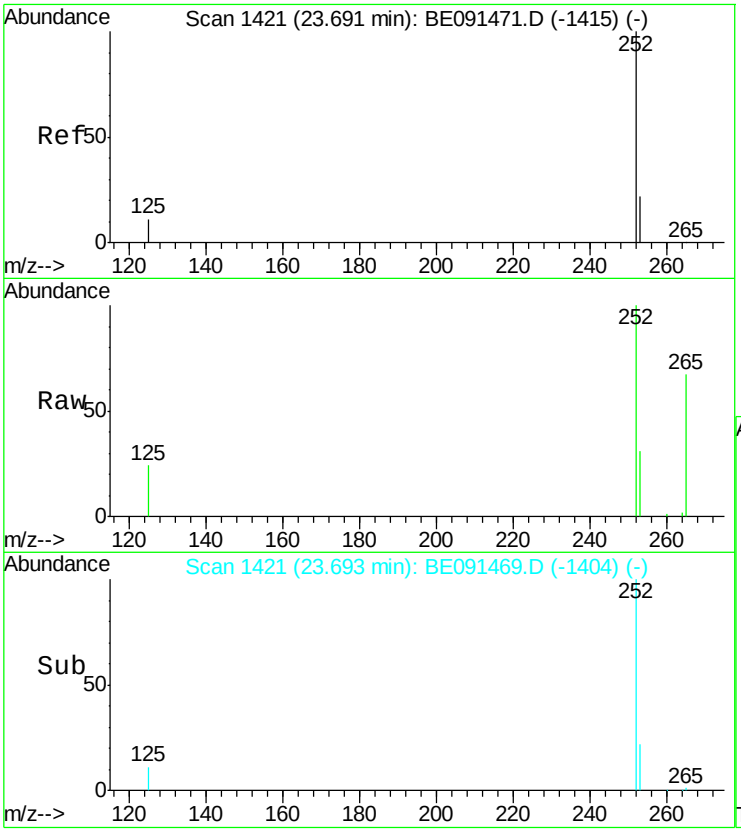


#30
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 23.09 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:252 Resp: 18688

Ion	Ratio	Lower	Upper
252	100		
253	28.3	20.2	30.4
125	20.7	9.4	14.2#



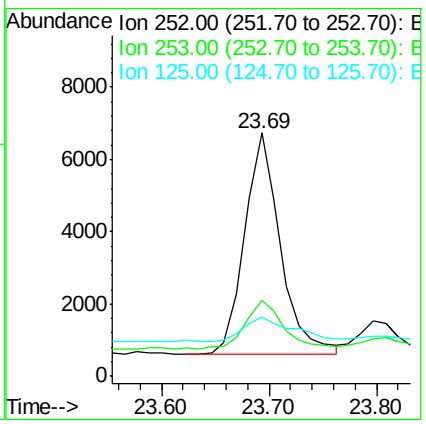


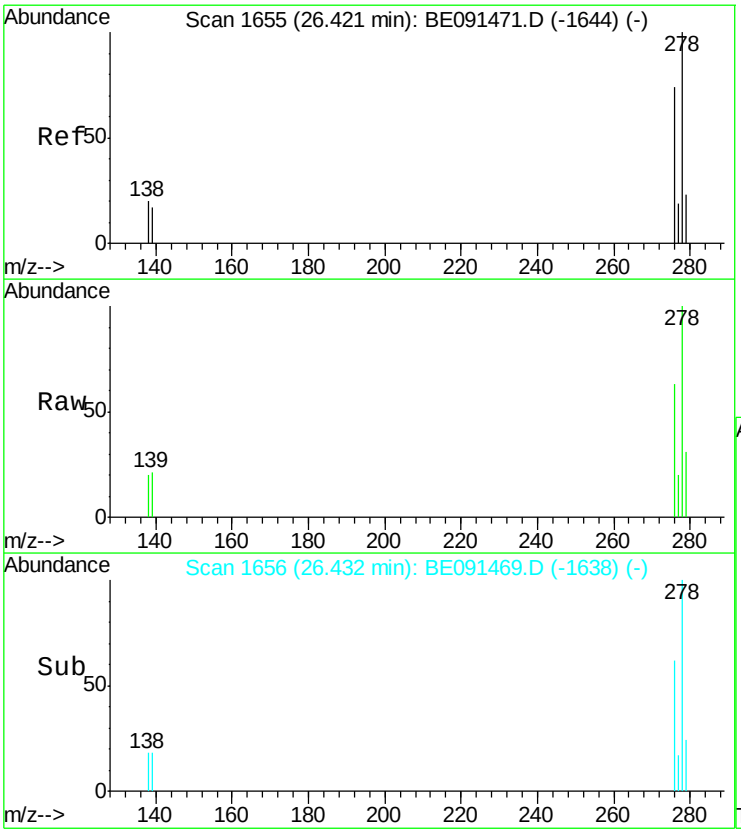
#31
Benzo(a)pyrene
Concen: 0.09 ng
RT: 23.69 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 14114

Ion	Ratio	Lower	Upper
252	100		
253	31.2	19.4	29.0#
125	24.4	11.4	17.2#

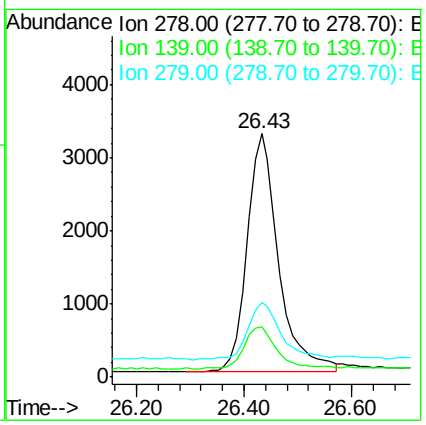


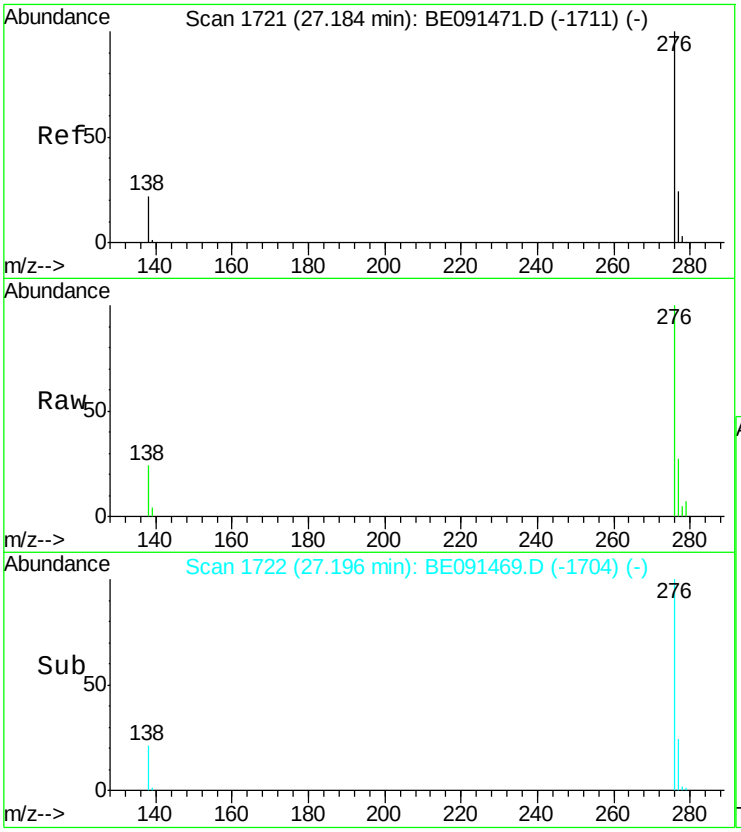


#32
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.43 min Scan# 1656
Delta R.T. 0.01 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Tgt Ion:278 Resp: 13247

Ion	Ratio	Lower	Upper
278	100		
139	20.8	14.2	21.4
279	30.8	19.6	29.4#





#33
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 27.20 min Scan# 1722
Delta R.T. 0.01 min
Lab File: BE091469.D
Acq: 17 Mar 2016 16:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 14370

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.4	29.2
138	23.6	18.2	27.4