Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032516\
Data File : BE091529.D
Acq On : 25 Mar 2016 17:50
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC010

Quant Time: Mar 25 19:02:39 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 15:19:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	40100	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	203008	5.00	ng		0.00
10) Acenaphthene-d10	14.43	164	124268	5.00	ng		-0.01
16) Phenanthrene-d10	17.17	188	290082	5.00	ng		0.00
22) Chrysene-d12	21.33	240	303322	5.00	ng		0.00
28) Perylene-d12	23.78	264	306189	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	91413	9.92	ng		-0.02
5) Phenol-d6	6.97	99	134117	11.15	ng		-0.02
7) Nitrobenzene-d5	8.97	82	114951	12.64	ng		-0.01
11) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
12) 2-Fluorobiphenyl	13.06	172	341559	10.92	ng		-0.01
24) Terphenyl-d14	19.78	244	522936	14.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	45005	8.99	ng		89
8) Naphthalene	10.63	128	405202	8.17	ng		99
9) 2-Methylnaphthalene	12.25	142	273373	8.57	ng	#	89
13) Acenaphthylene	14.15	152	532658	10.04	ng		99
14) Acenaphthene	14.49	154	309071	8.07	ng		99
15) Fluorene	15.47	166	387330	8.00	ng		99
17) Hexachlorobenzene	16.48	284	103894	8.22	ng		94
19) Phenanthrene	17.21	178	645729	7.80	ng		99
20) Anthracene	17.30	178	627562	8.64	ng		99
21) Fluoranthene	19.21	202	699287	7.36	ng		99
23) Pyrene	19.57	202	802519	10.64	ng		97
25) Benzo(a)anthracene	21.31	228	741547	8.89	ng	#	85
26) Chrysene	21.36	228	853887m	10.01	ng		
27) Indeno(1,2,3-cd)pyrene	26.35	276	830691	9.55	ng		99
29) Benzo(b)fluoranthene	23.02	252	730354	7.55	ng		96
30) Benzo(k)fluoranthene	23.08	252	789063	7.98	ng		95
31) Benzo(a)pyrene	23.67	252	715971	8.40	ng	#	94
32) Dibenzo(a,h)anthracene	26.39	278	701624	8.36	ng		97
33) Benzo(g,h,i)perylene	27.15	276	703247	8.05	ng		99

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

Quantitation Report (QT Reviewed)

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Acq On : 25 Mar 2016 17:50
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ALS Vial : 9 Sample Multiplier: 1

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SSTDICC010

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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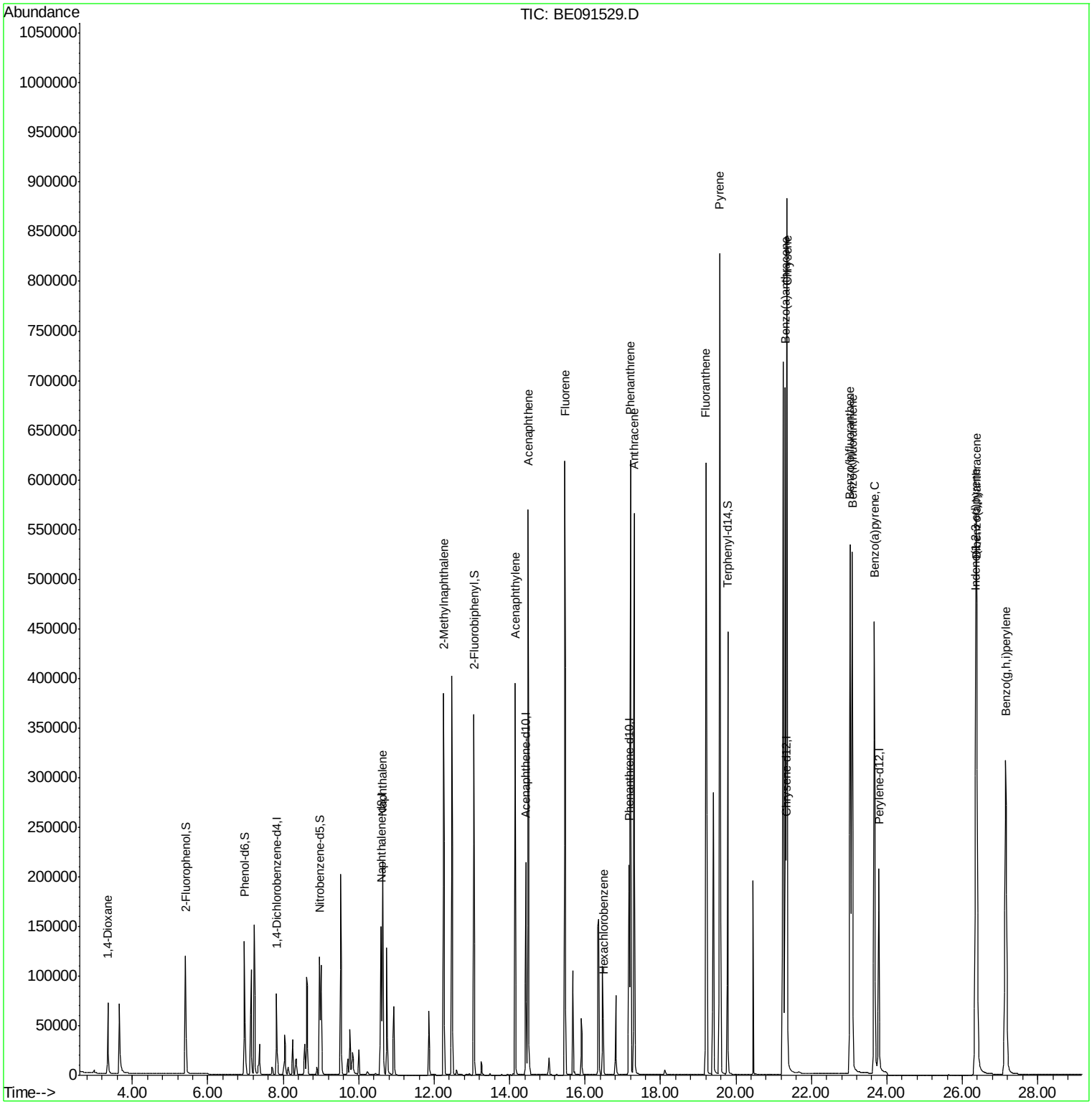
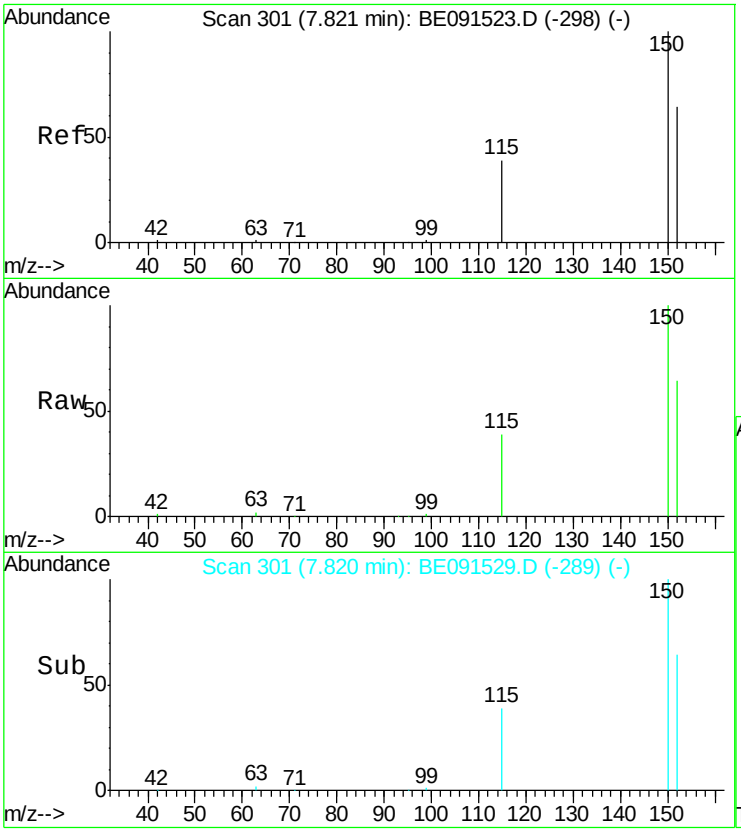


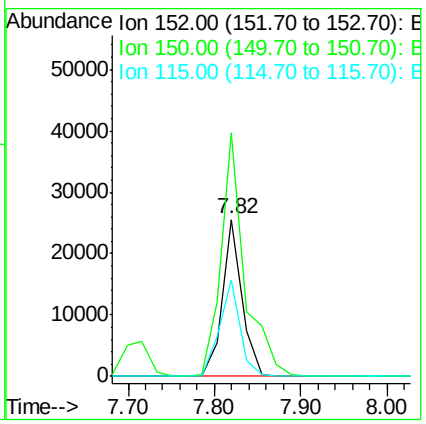


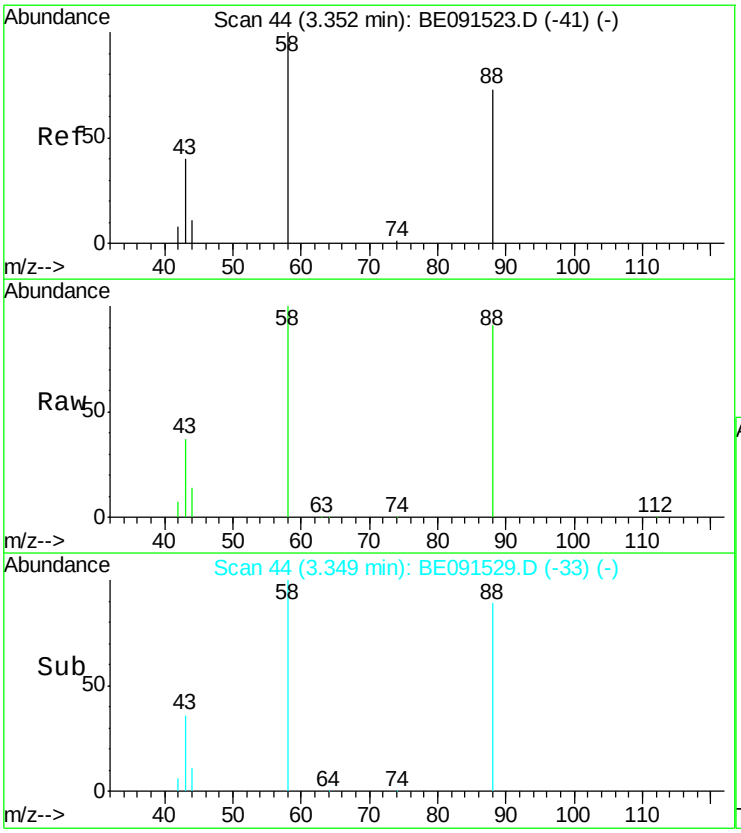
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 40100

Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.2	183.2
115	61.4	45.9	68.9

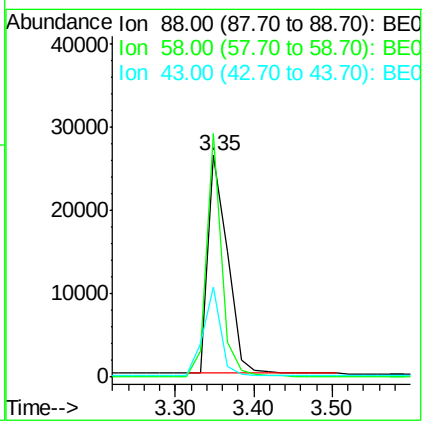


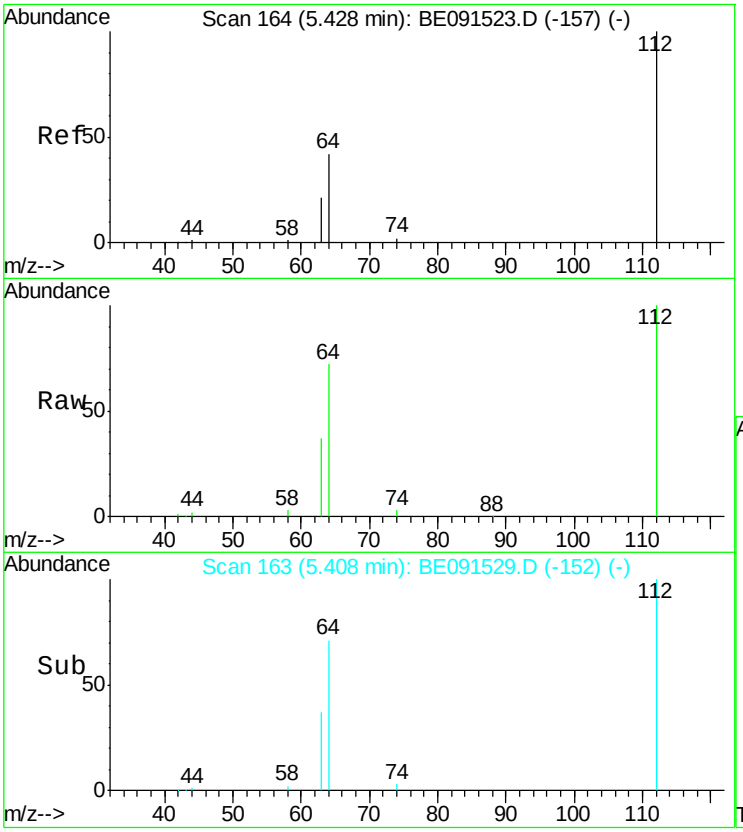


#2
1,4-Dioxane
Concen: 8.99 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion: 88 Resp: 45005

Ion	Ratio	Lower	Upper
88	100		
58	86.8	61.0	91.6
43	37.2	25.4	38.2



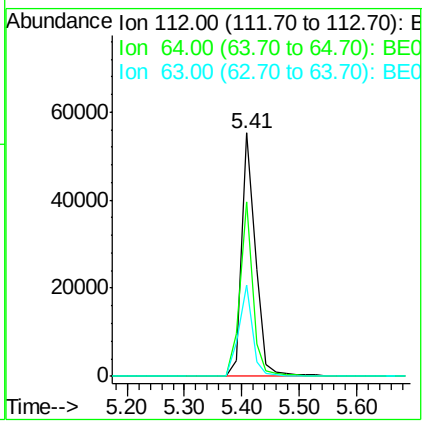


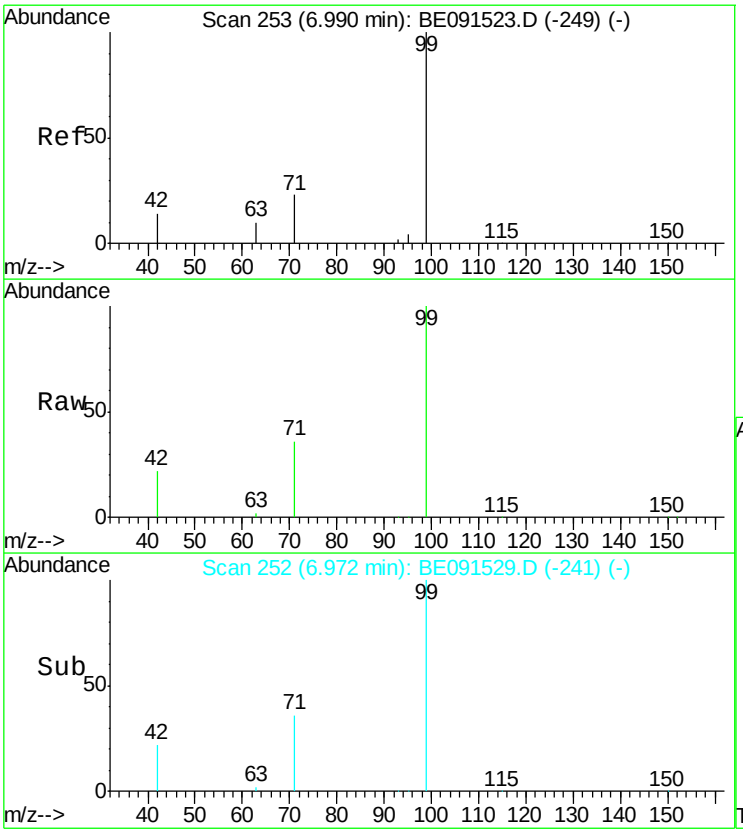
#4
2-Fluorophenol
Concen: 9.92 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 91413

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.3	79.9
63	37.1	29.8	44.8

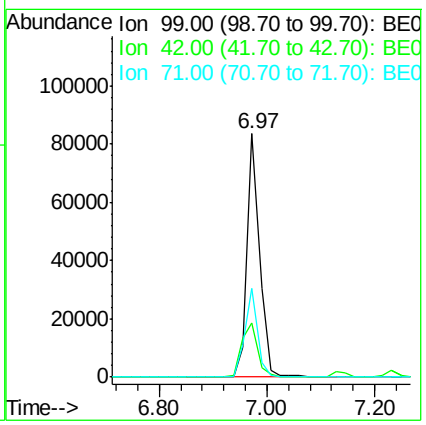


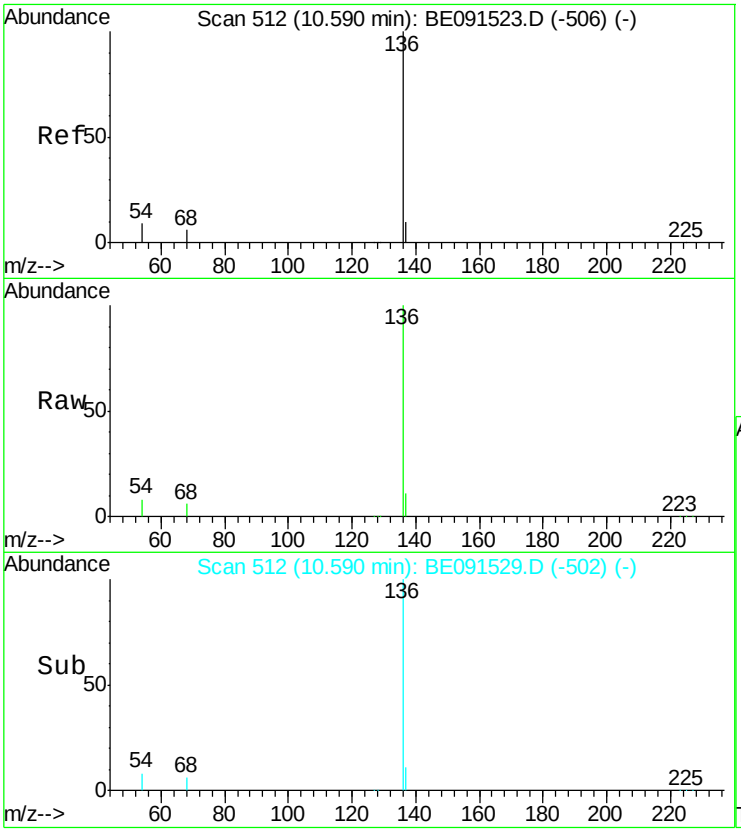


#5
Phenol-d6
Concen: 11.15 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion: 99 Resp: 134117

Ion	Ratio	Lower	Upper
99	100		
42	28.1	20.6	30.8
71	36.8	29.0	43.4



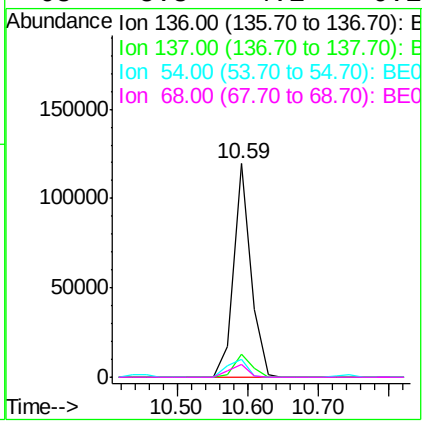


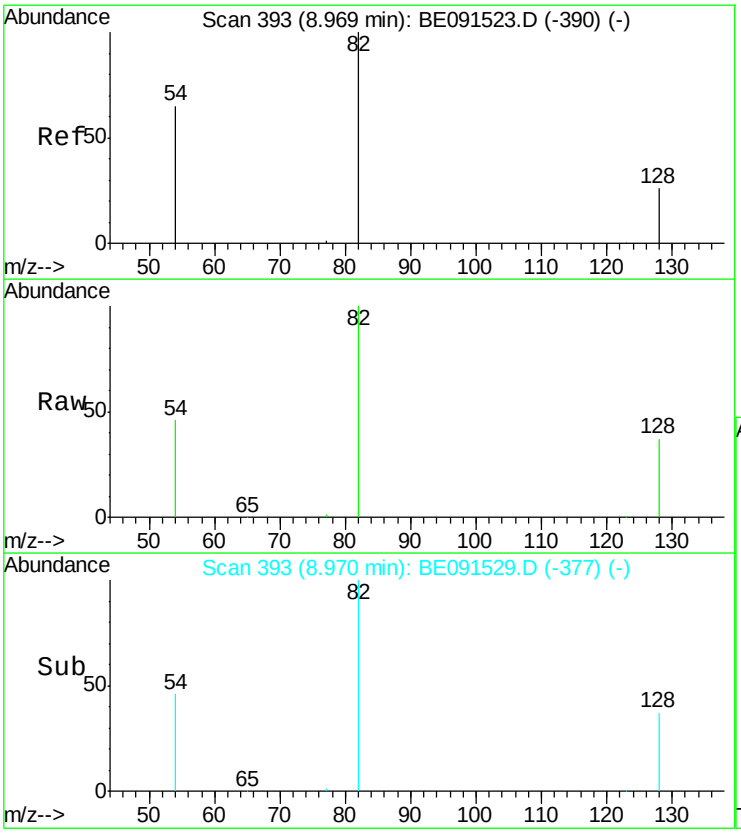
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 203008

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	5.2	7.8#
68	5.8	4.1	6.1

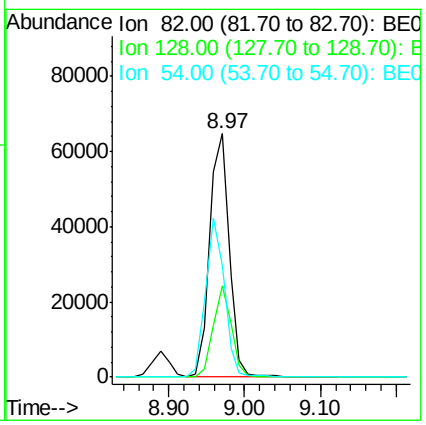


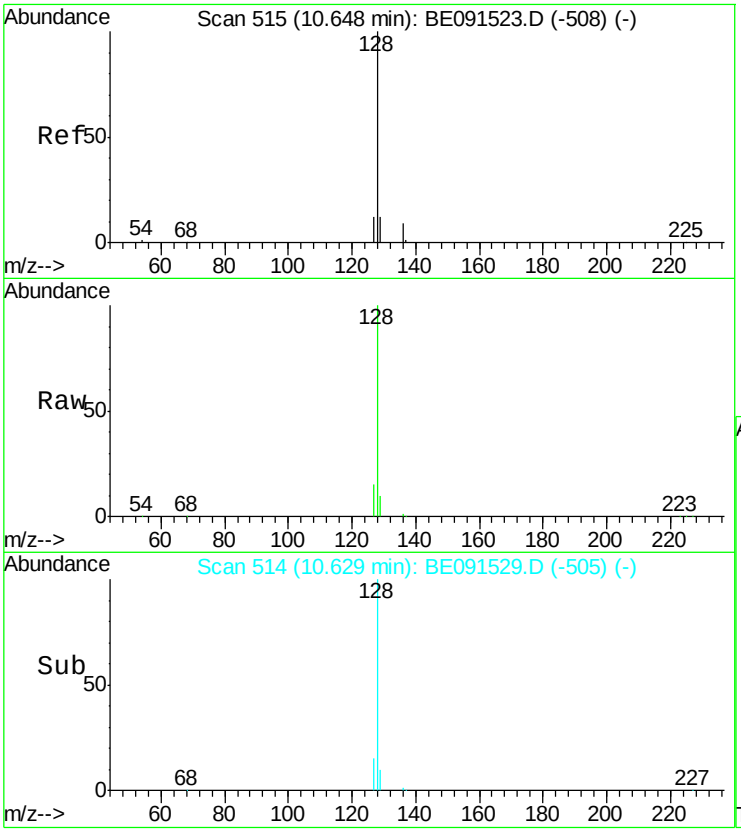


#7
Nitrobenzene-d5
Concen: 12.64 ng
RT: 8.97 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion: 82 Resp: 114951

Ion	Ratio	Lower	Upper
82	100		
128	37.4	23.5	35.3#
54	45.8	52.4	78.6#



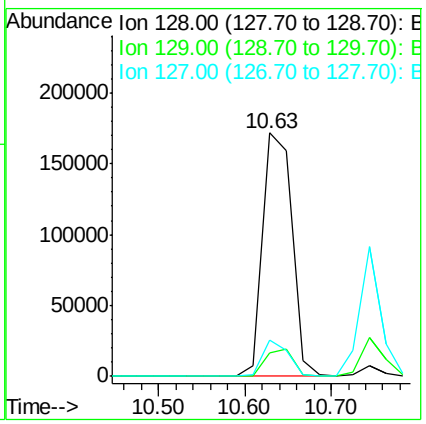


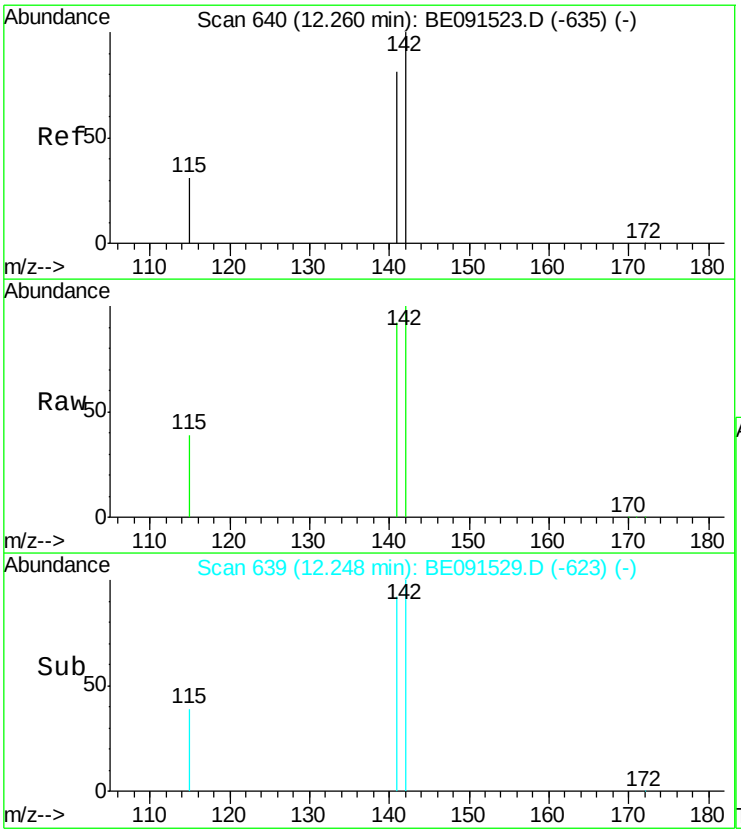
#8
Naphthalene
Concen: 8.17 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.02 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 405202

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.2	12.2
127	14.9	11.8	17.8

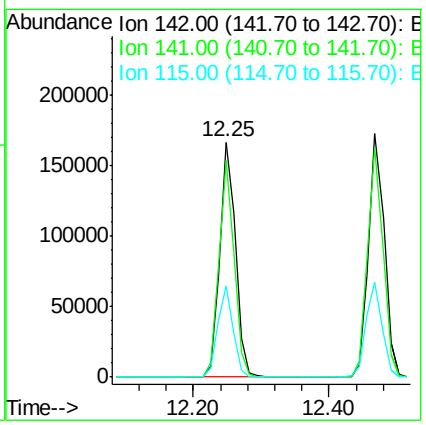


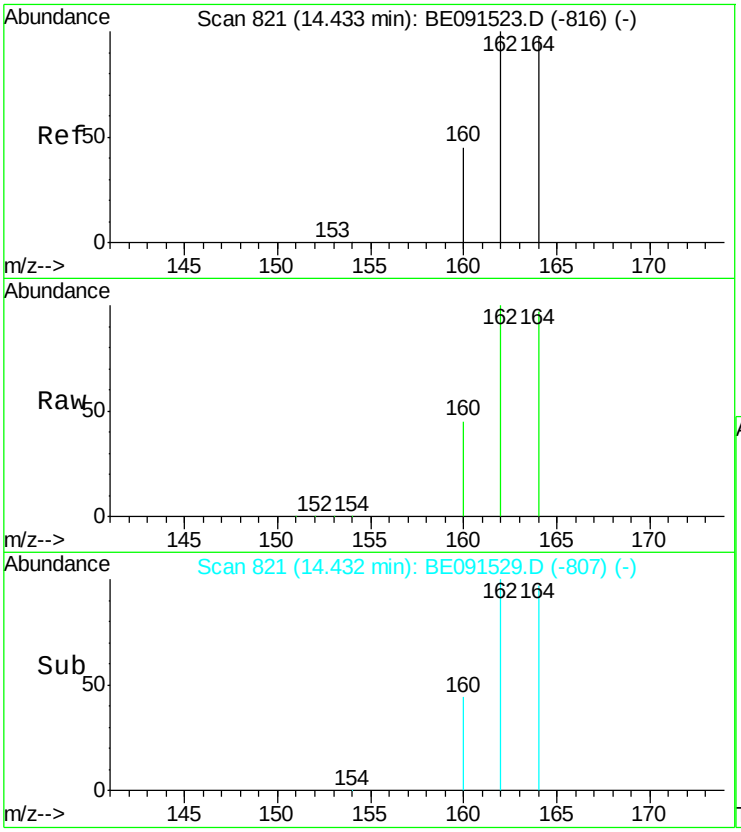


#9
2-Methylnaphthalene
Concen: 8.57 ng
RT: 12.25 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion:142 Resp: 273373

Ion	Ratio	Lower	Upper
142	100		
141	92.0	66.9	100.3
115	39.0	25.1	37.7#



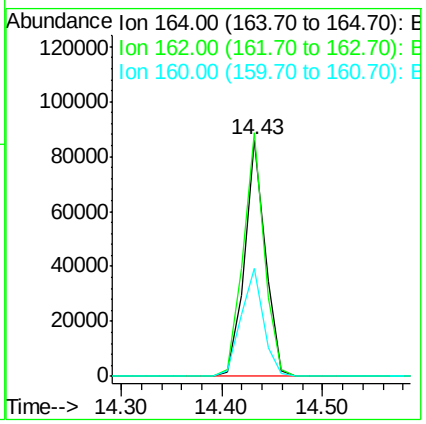


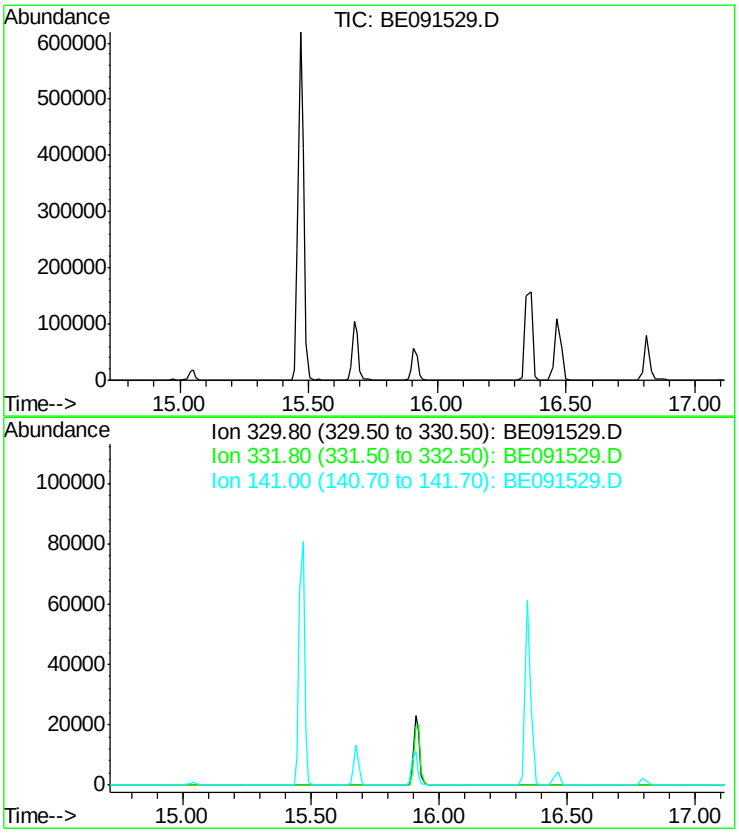
#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.43 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 124268

Ion	Ratio	Lower	Upper
164	100		
162	103.1	84.4	126.6
160	45.9	37.7	56.5



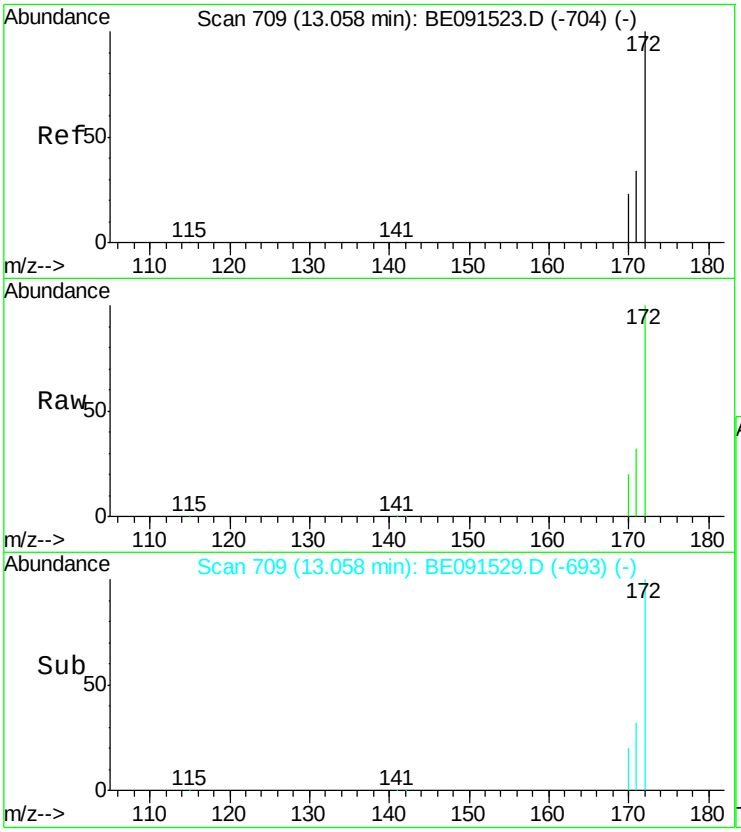


#11
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.92 min

Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	99.0
141	35.1

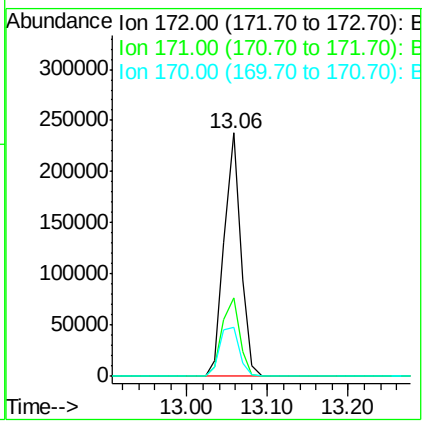


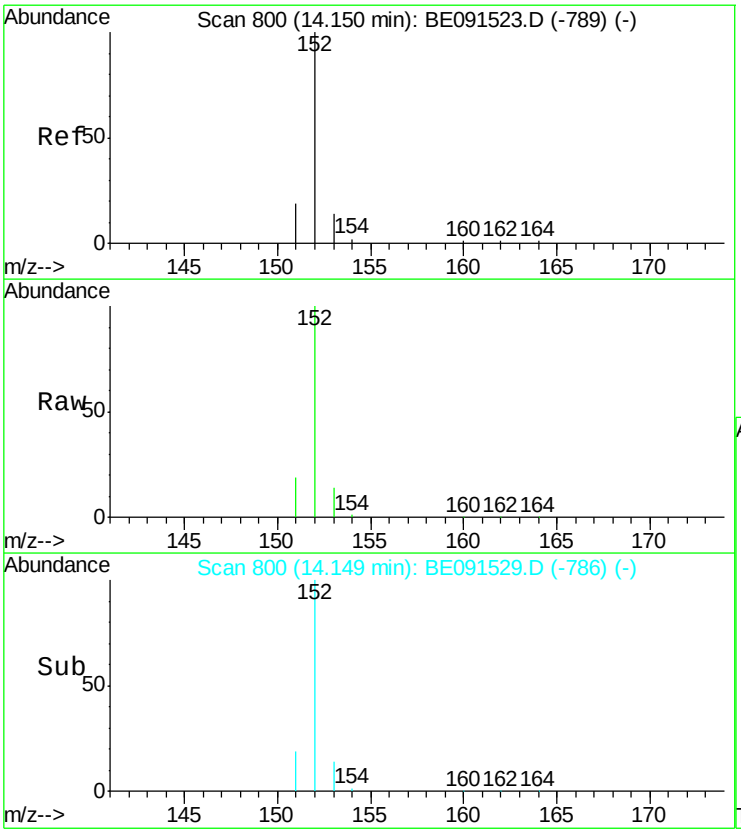
#12
2-Fluorobiphenyl
Concen: 10.92 ng
RT: 13.06 min Scan# 709
Delta R.T. -0.01 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 341559

Ion	Ratio	Lower	Upper
172	100		
171	32.2	29.8	44.8
170	20.3	21.4	32.2#

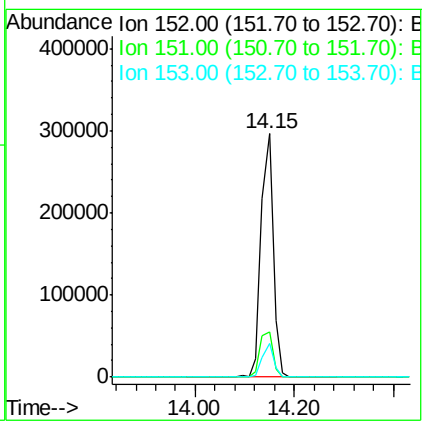


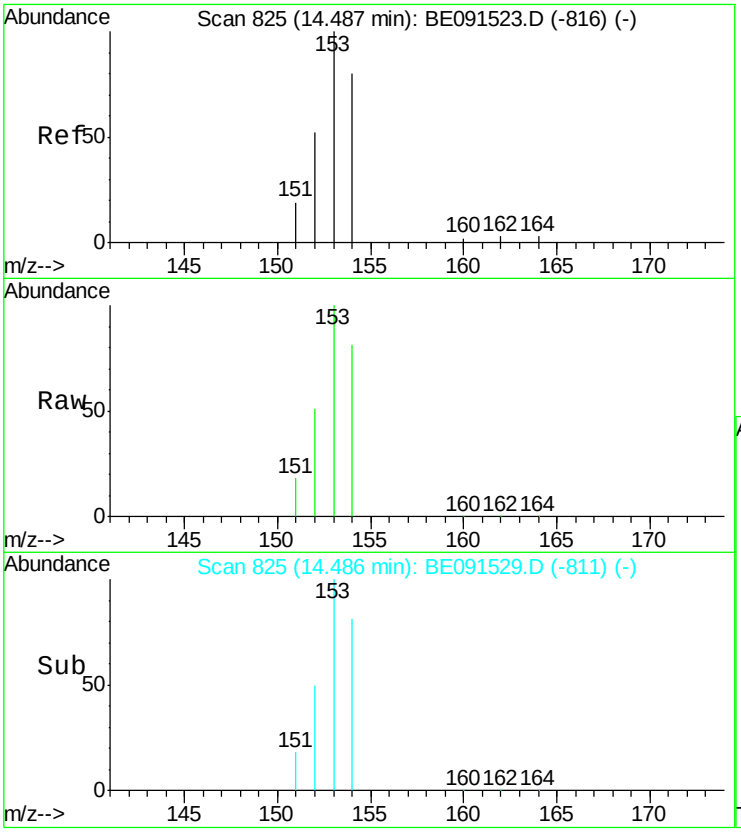


#13
Acenaphthylene
Concen: 10.04 ng
RT: 14.15 min Scan# 800
Delta R.T. 0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion:152 Resp: 532658

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.2	11.1	16.7



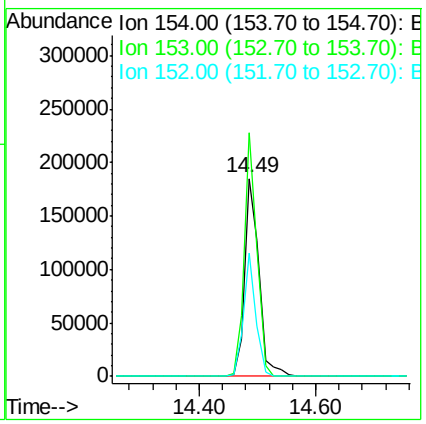


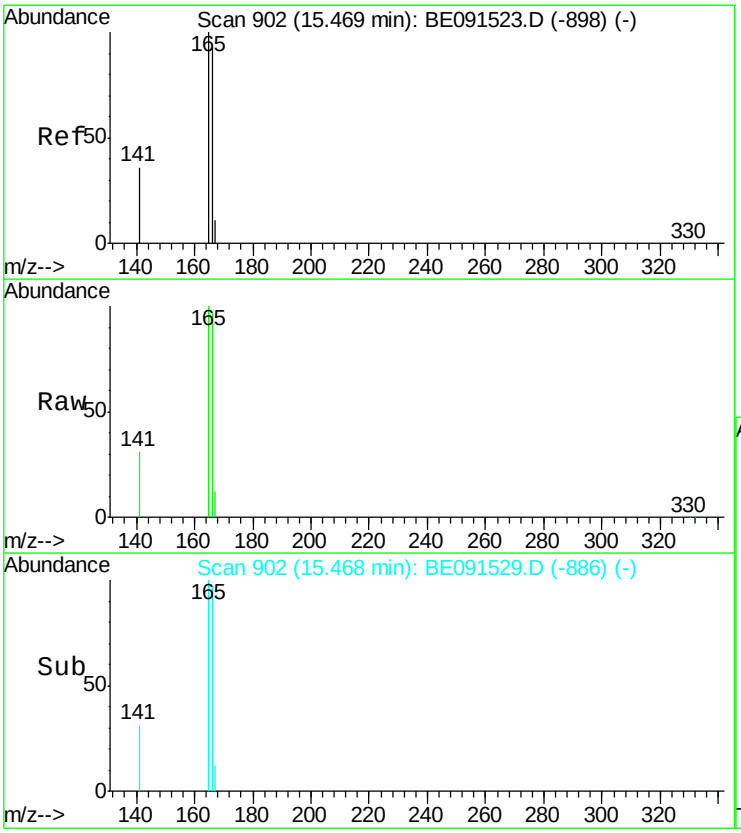
#14
Acenaphthene
Concen: 8.07 ng
RT: 14.49 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:154 Resp: 309071

Ion	Ratio	Lower	Upper
154	100		
153	109.5	87.3	130.9
152	54.2	42.9	64.3

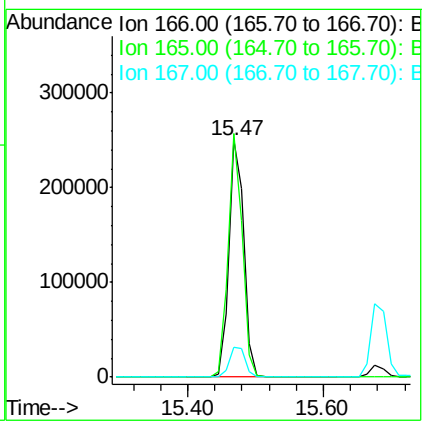


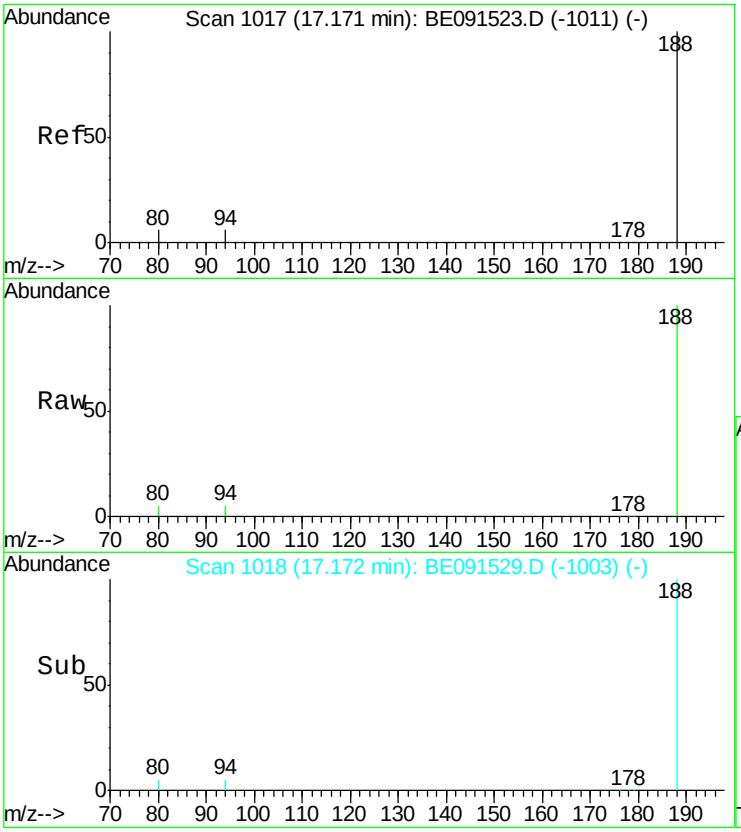


#15
Fluorene
Concen: 8.00 ng
RT: 15.47 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion:166 Resp: 387330

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.2	118.8
167	13.6	10.8	16.2



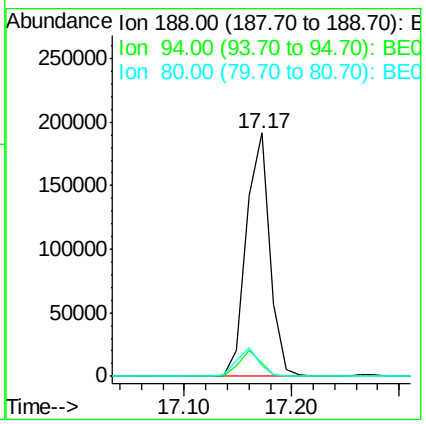


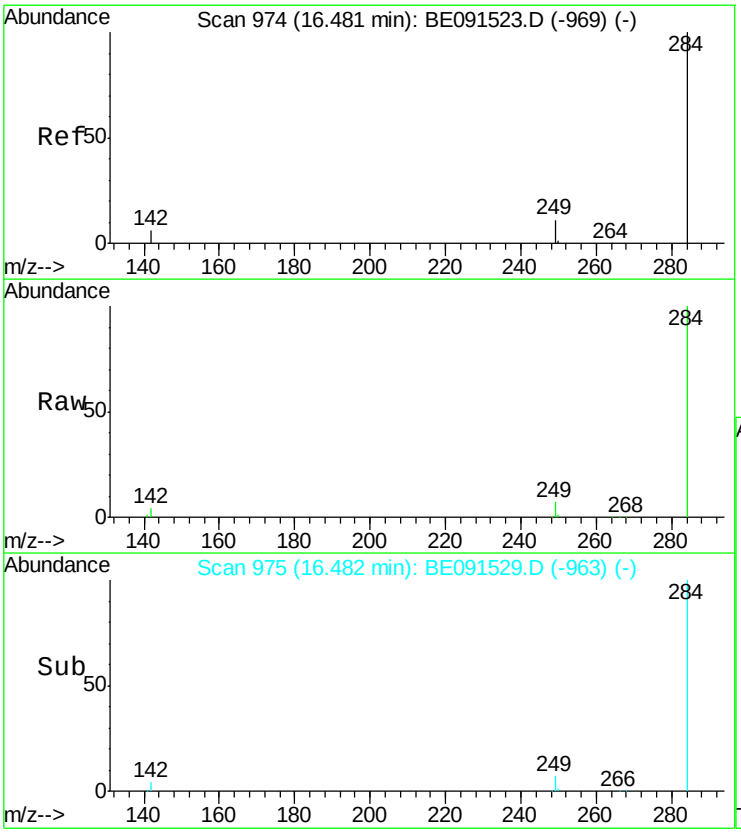
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:188 Resp: 290082

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.4	8.2#
80	4.6	5.0	7.4#

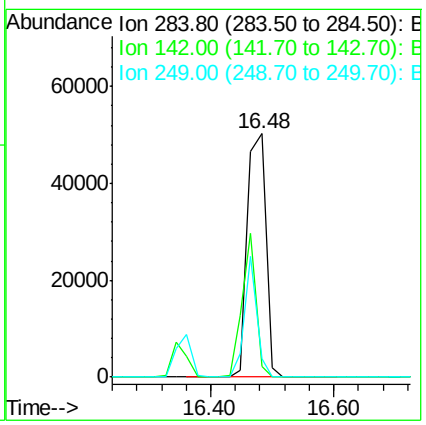


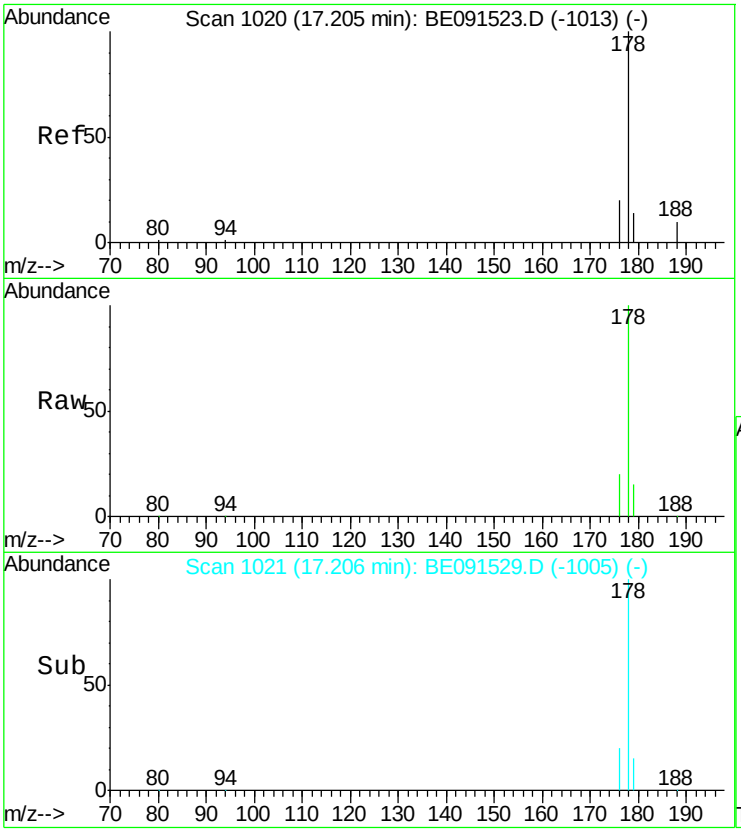


#17
Hexachlorobenzene
Concen: 8.22 ng
RT: 16.48 min Scan# 975
Delta R.T. 0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion:284 Resp: 103894

Ion	Ratio	Lower	Upper
284	100		
142	44.4	31.0	46.4
249	33.4	25.8	38.8



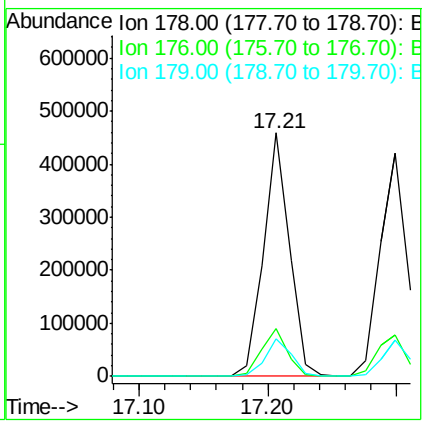


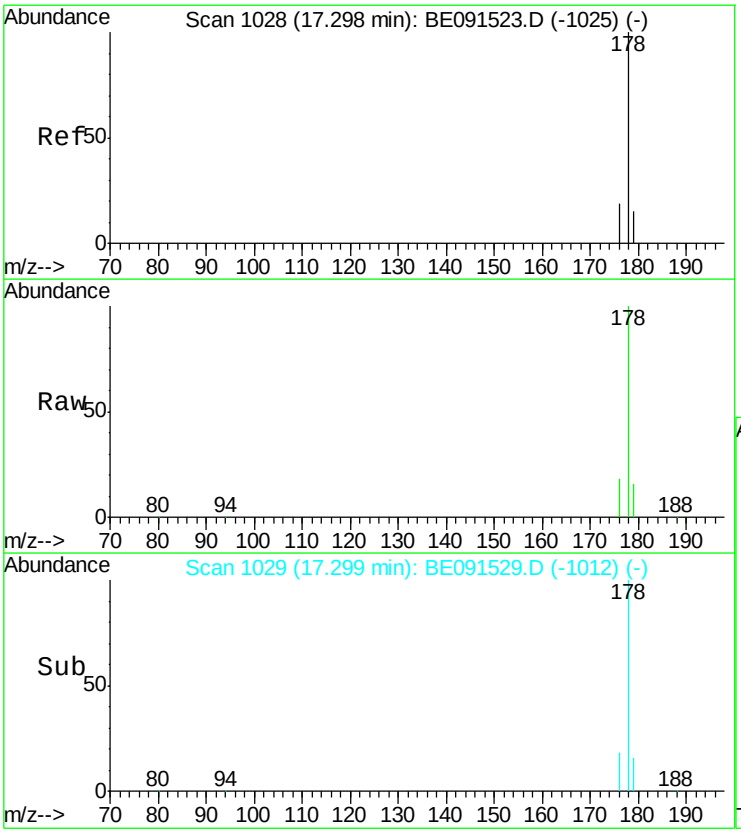
#19
Phenanthrene
Concen: 7.80 ng
RT: 17.21 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 645729

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.6	13.1	19.7

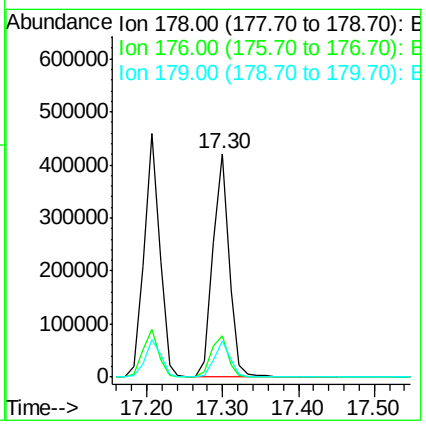


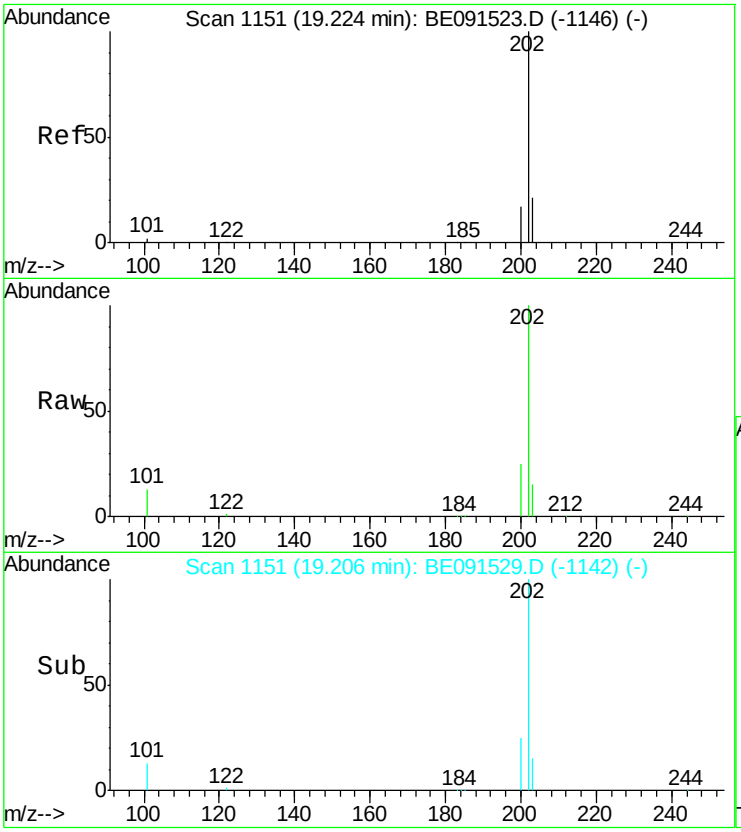


#20
Anthracene
Concen: 8.64 ng
RT: 17.30 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion:178 Resp: 627562

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	15.6	12.2	18.4



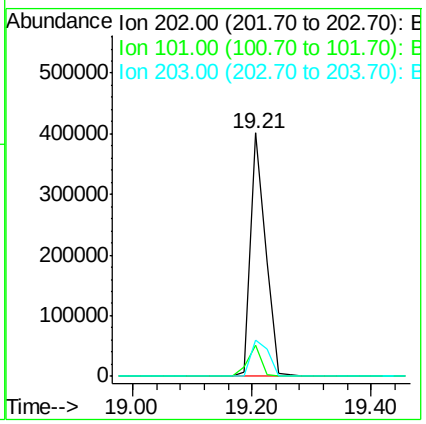


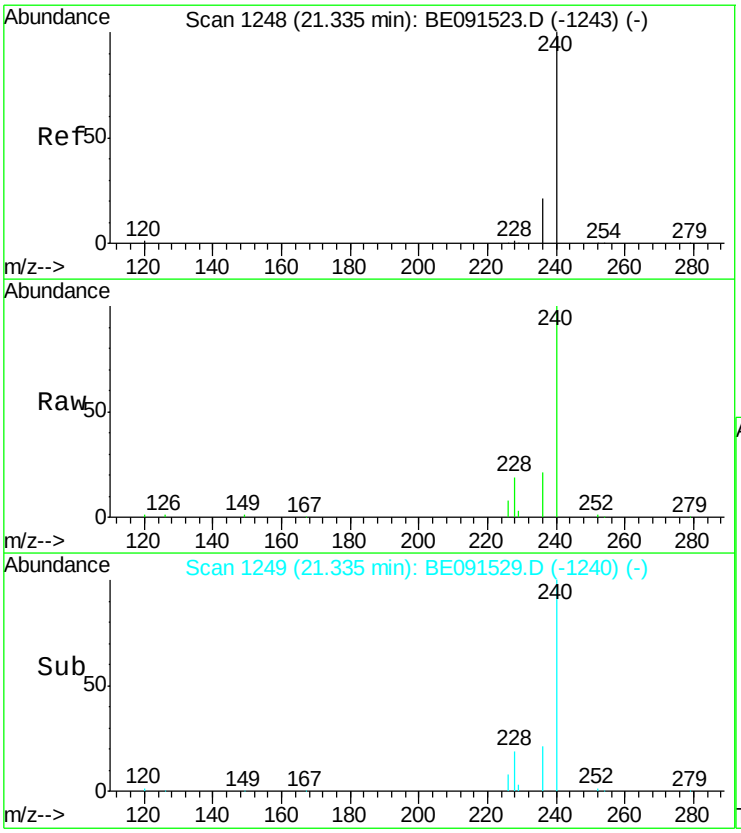
#21
Fluoranthene
Concen: 7.36 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 699287

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.3	12.5
203	17.5	13.9	20.9

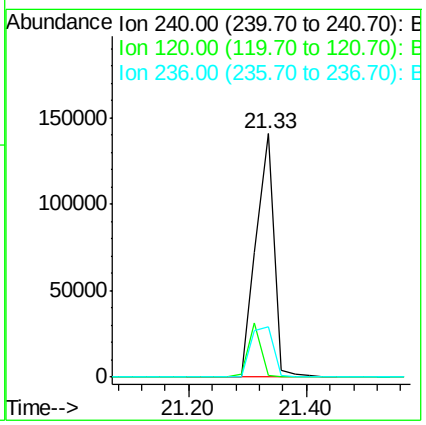


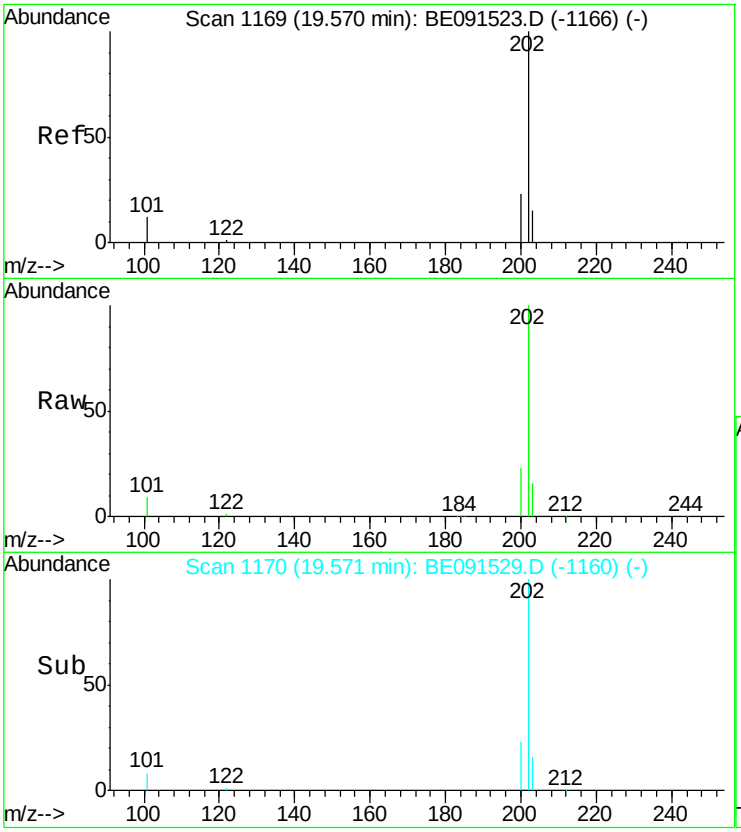


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion:240 Resp: 303322

Ion	Ratio	Lower	Upper
240	100		
120	0.9	4.0	6.0#
236	20.6	23.0	34.4#



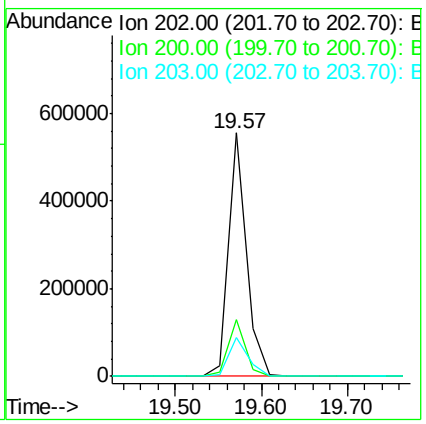


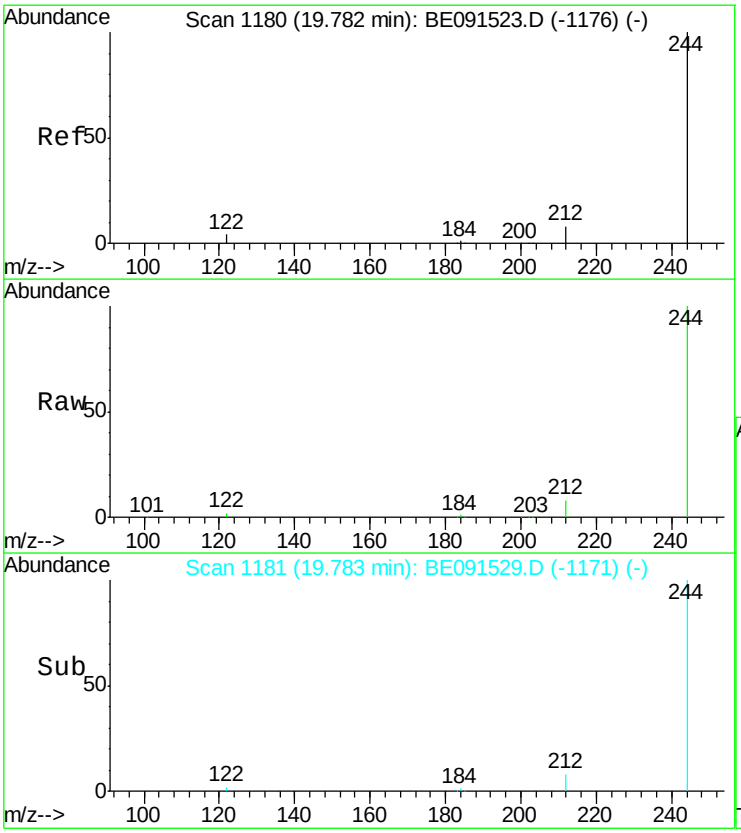
#23
Pyrene
Concen: 10.64 ng
RT: 19.57 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 802519

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.4	24.6
203	17.5	14.6	21.8

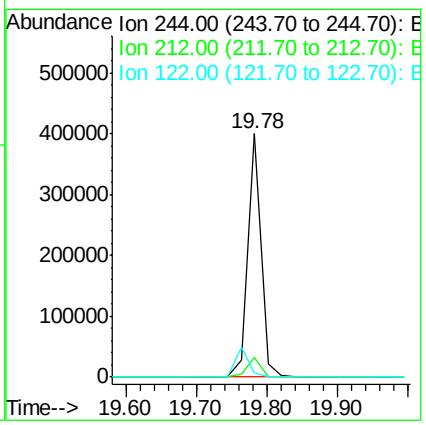


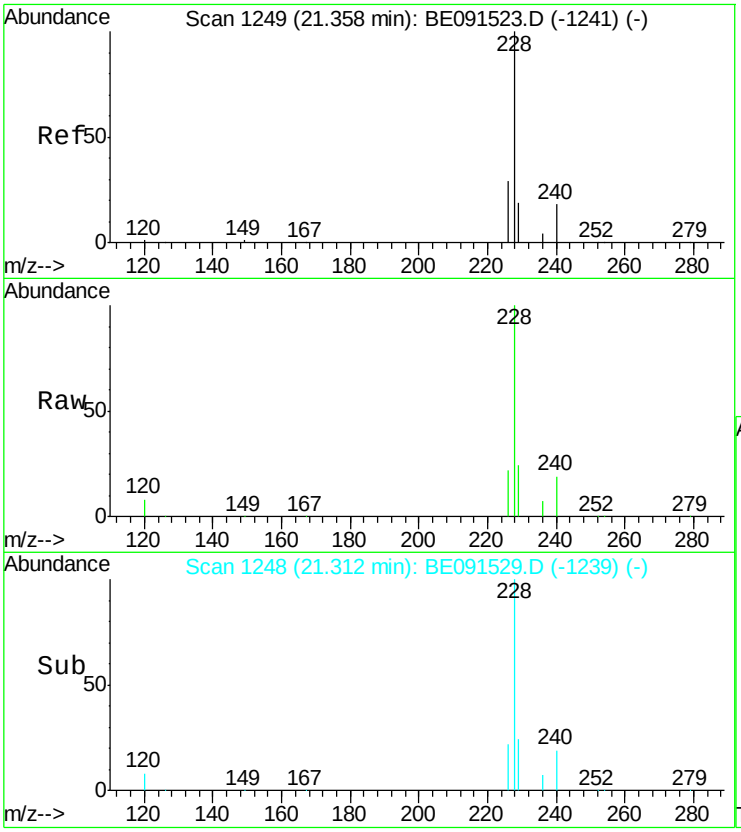


#24
Terphenyl-d14
Concen: 14.33 ng
RT: 19.78 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion:244 Resp: 522936

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	1.9	1.8	2.8



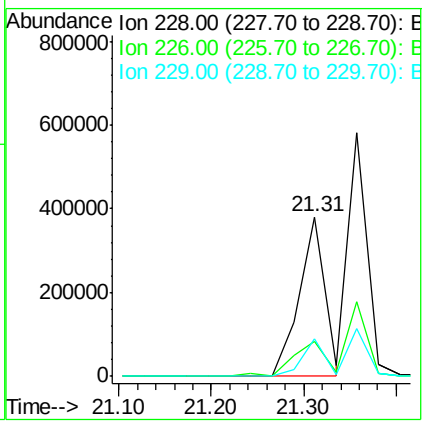


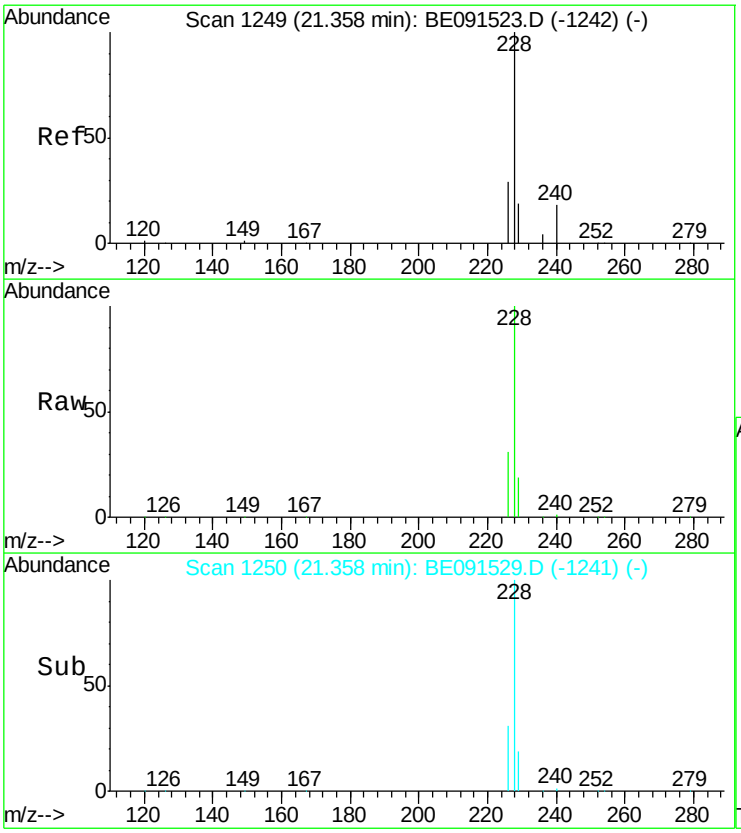
#25
Benzo(a)anthracene
Concen: 8.89 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 741547

Ion	Ratio	Lower	Upper
228	100		
226	22.1	24.0	36.0#
229	23.9	13.8	20.6#

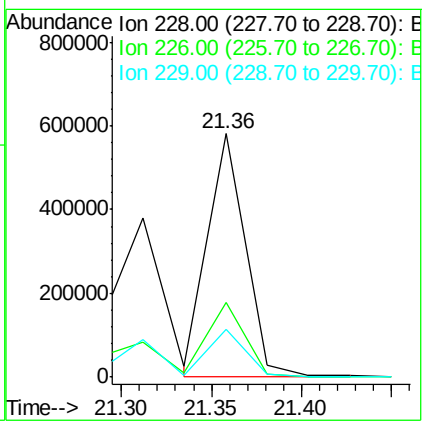


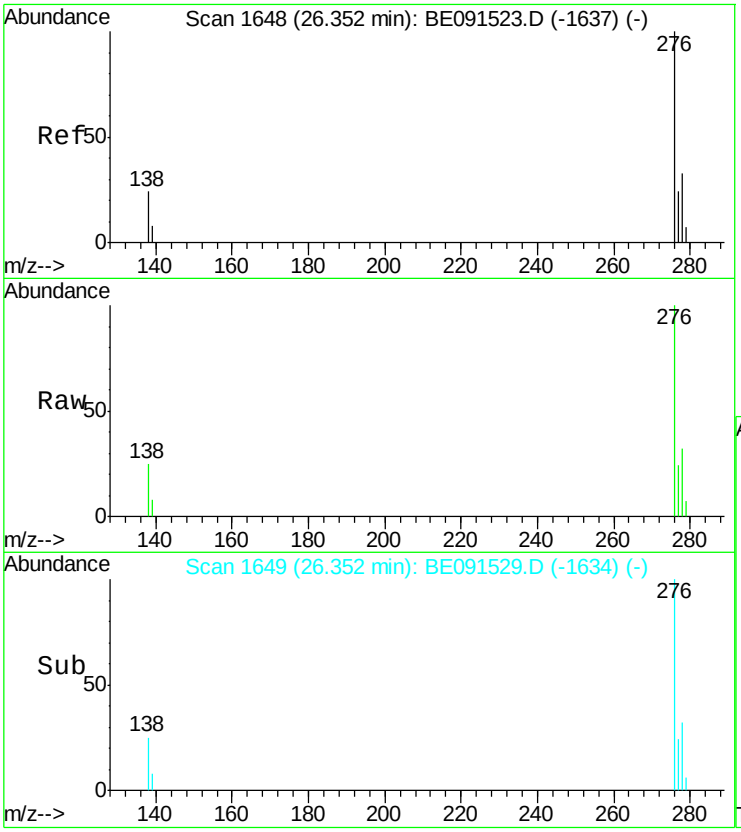


#26
Chrysene
Concen: 10.01 ng m
RT: 21.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion:228 Resp: 853887

Ion	Ratio	Lower	Upper
228	100		
226	30.8	18.9	28.3#
229	19.4	19.1	28.7



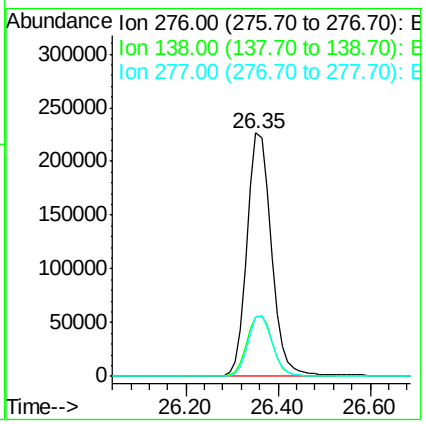


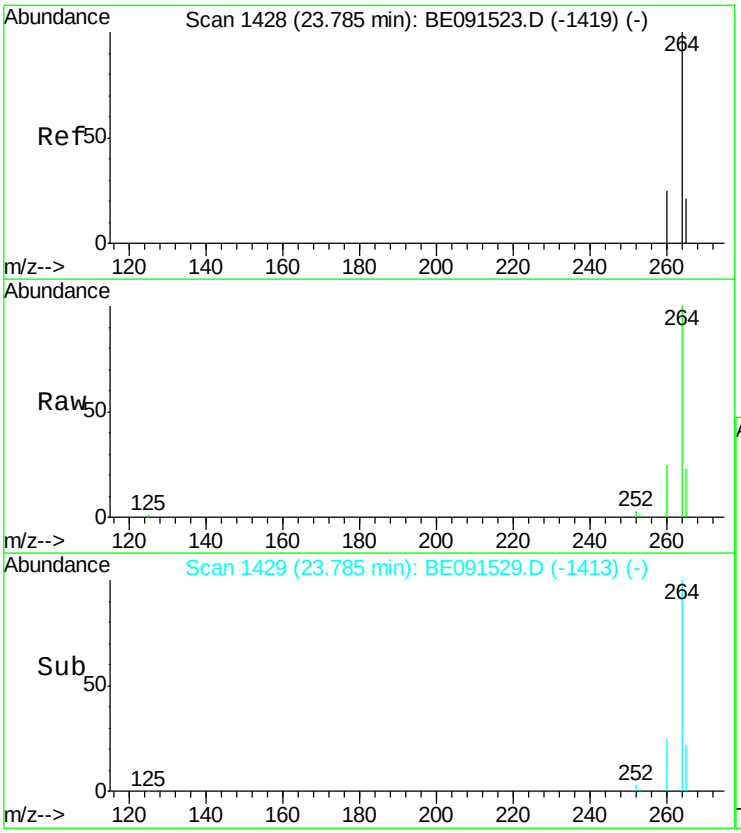
#27
Indeno(1,2,3-cd)pyrene
Concen: 9.55 ng
RT: 26.35 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 830691

Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.2	30.4
277	25.0	19.8	29.8

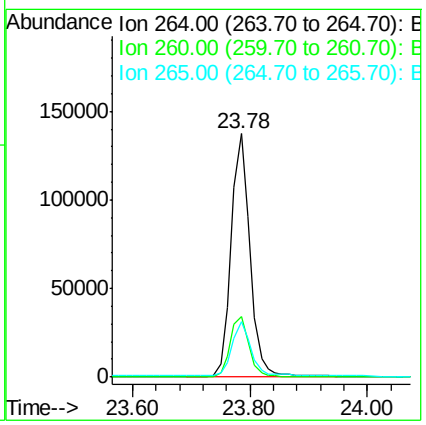


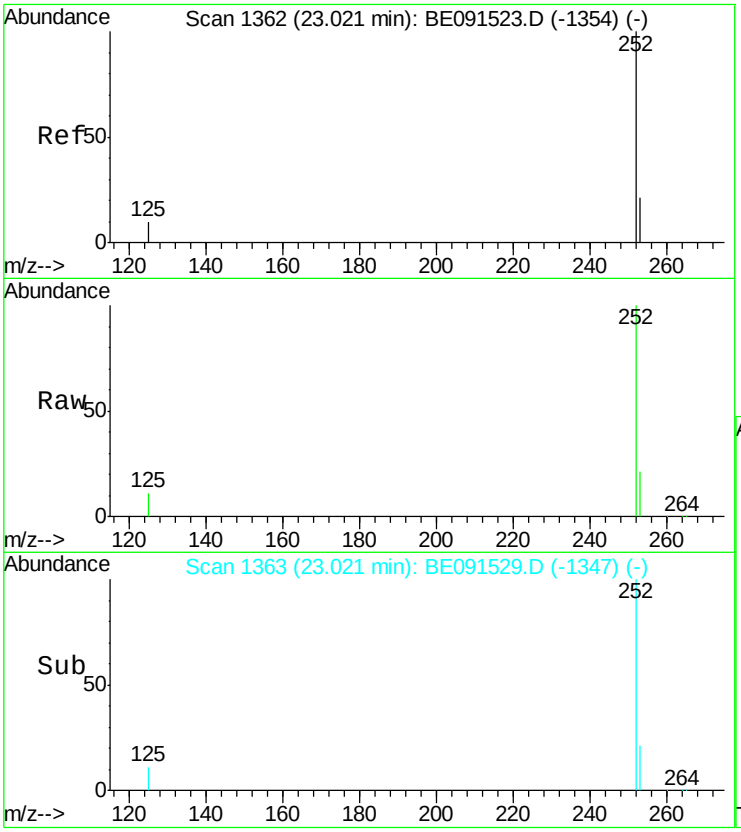


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.78 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion:264 Resp: 306189

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.6	18.3	27.5



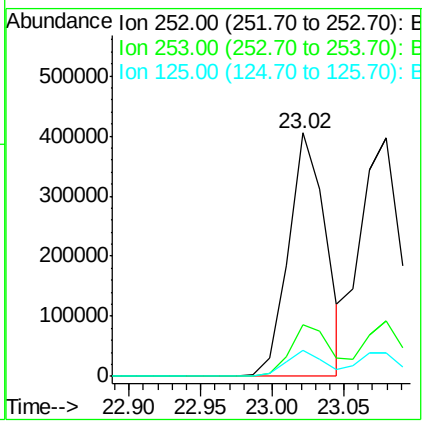


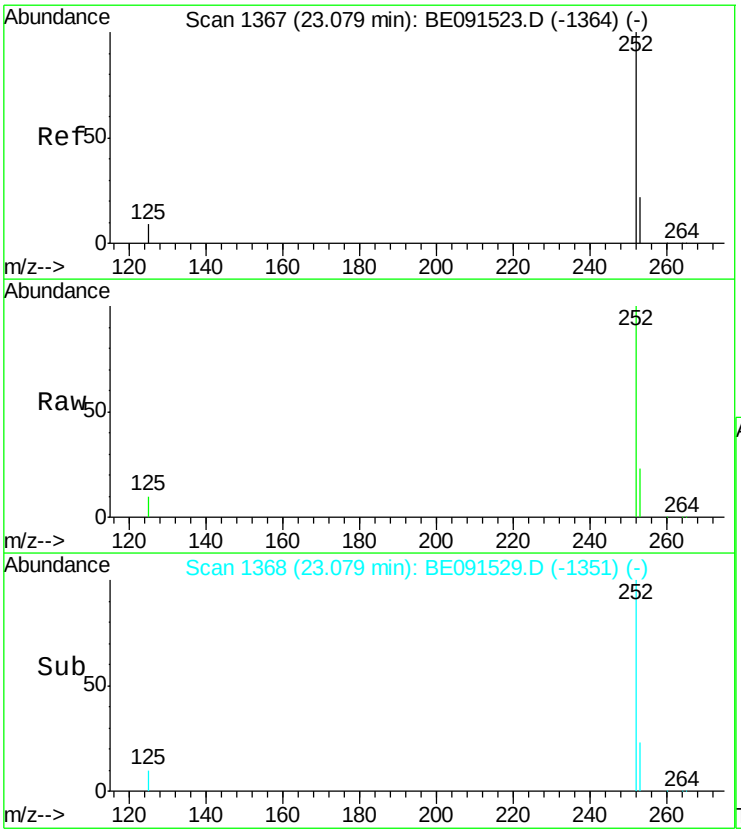
#29
Benzo(b)fluoranthene
Concen: 7.55 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 730354

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.7	28.1
125	10.6	9.8	14.6

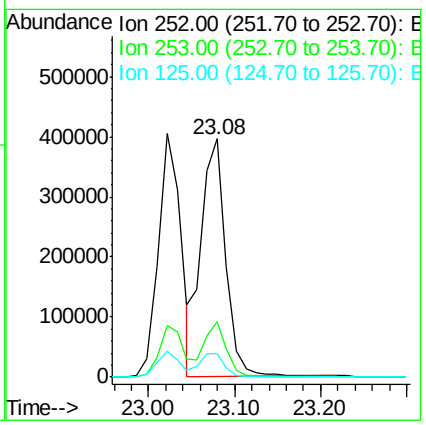


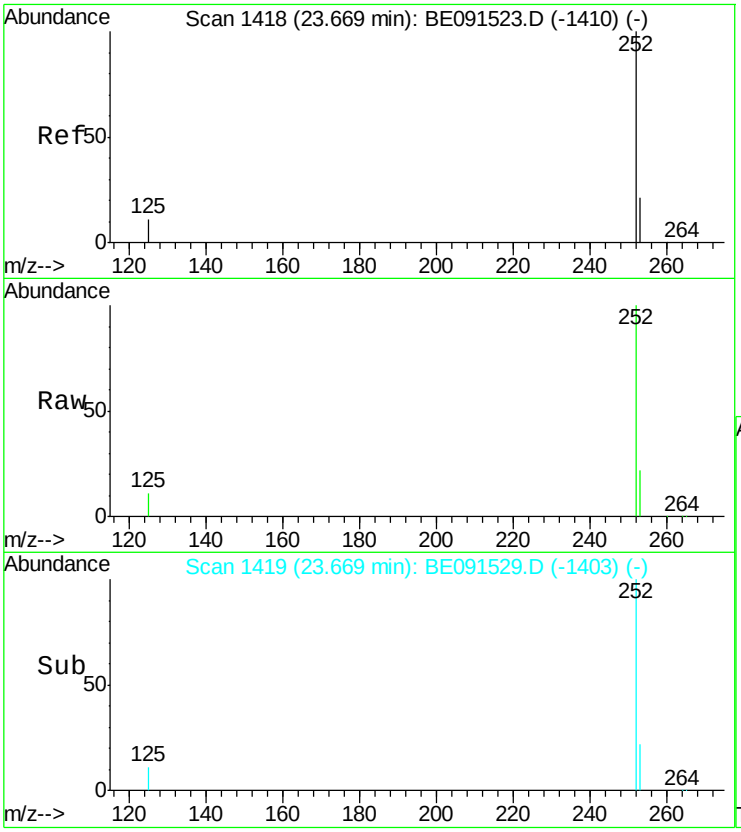


#30
Benzo(k)fluoranthene
Concen: 7.98 ng
RT: 23.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion:252 Resp: 789063

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.2	30.4
125	9.6	9.4	14.2



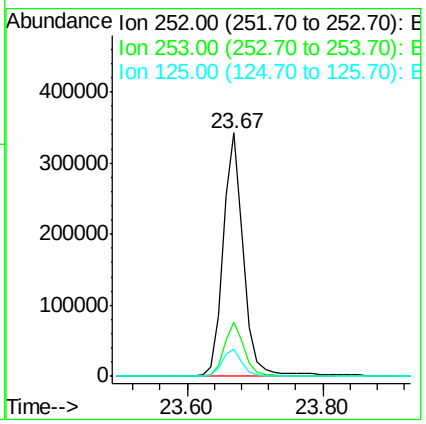


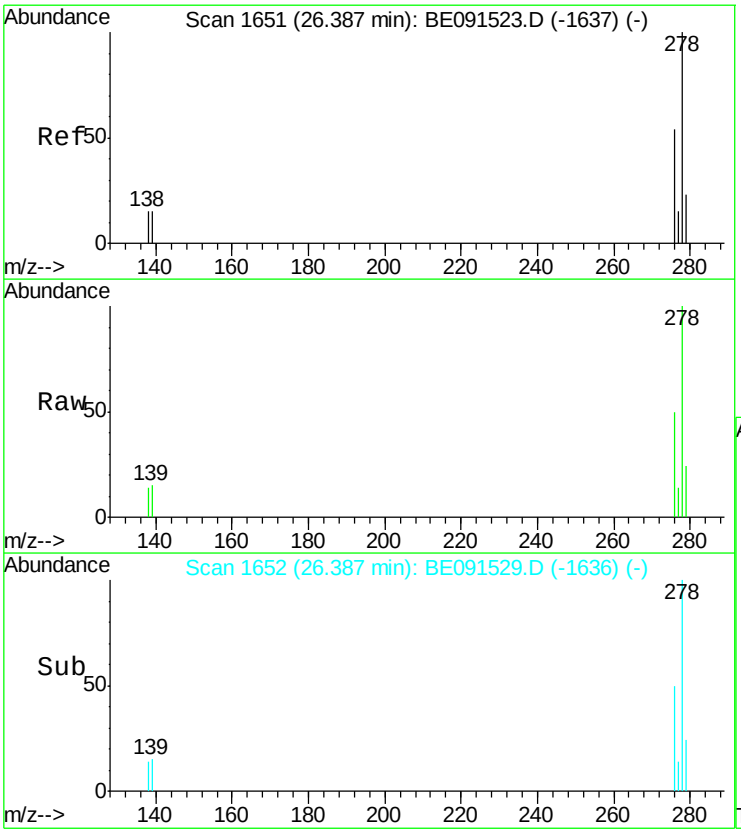
#31
Benzo(a)pyrene
Concen: 8.40 ng
RT: 23.67 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 715971

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.4	29.0
125	11.0	11.4	17.2#

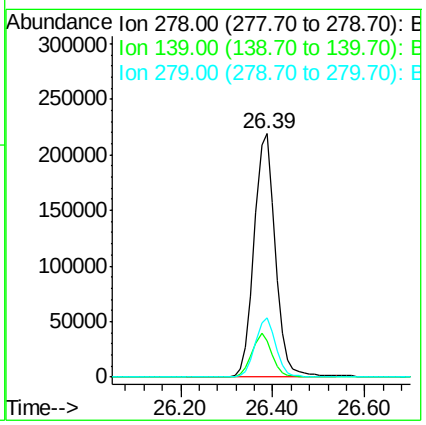


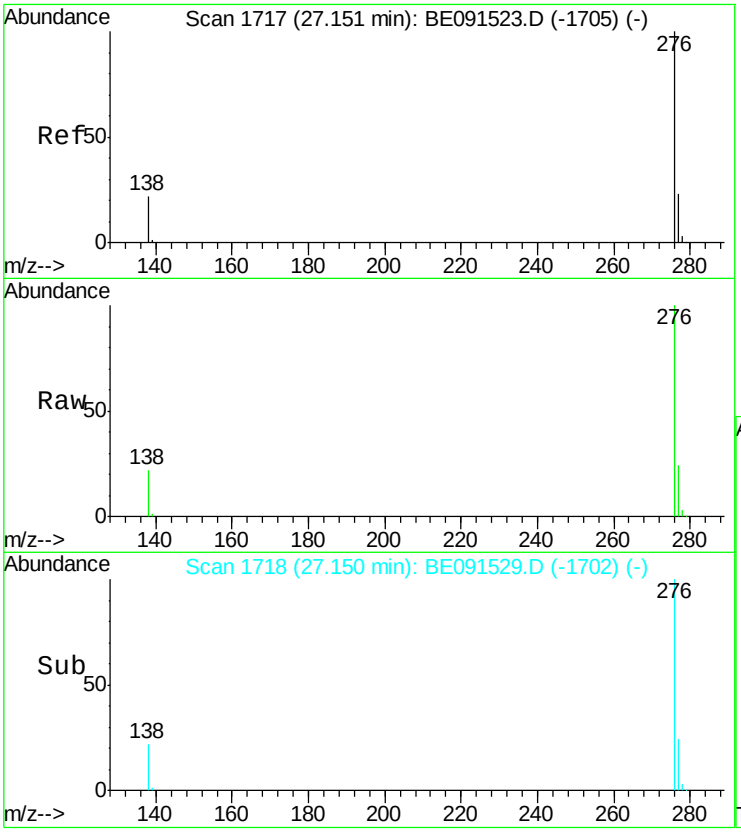


#32
Dibenzo(a,h)anthracene
Concen: 8.36 ng
RT: 26.39 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Tgt Ion:278 Resp: 701624

Ion	Ratio	Lower	Upper
278	100		
139	14.7	14.2	21.4
279	24.1	19.6	29.4





#33
Benzo(g,h,i)perylene
Concen: 8.05 ng
RT: 27.15 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BE091529.D
Acq: 25 Mar 2016 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 703247

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	22.2	18.2	27.4