Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020216\
Data File : BE091376.D
Acq On : 2 Feb 2016 14:11
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Feb 02 17:52:59 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 17:27:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	39842	5.00	ng		0.01
4) Naphthalene-d8	9.56	136	184860	5.00	ng		0.01
8) Acenaphthene-d10	13.37	164	114392	5.00	ng		0.02
14) Phenanthrene-d10	16.09	188	300123	5.00	ng		0.00
18) Chrysene-d12	20.21	240	300487	5.00	ng		0.00
24) Perylene-d12	22.10	264	274736	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	5.11	112	571m	0.13	ng		0.16
3) Phenol-d6	6.70	99	865m	0.13	ng		0.13
5) Nitrobenzene-d5	8.27	82	572m	0.05	ng		0.10
9) 2,4,6-Tribromophenol	14.93	330	195	0.08	ng		0.03
10) 2-Fluorobiphenyl	12.05	172	2671	0.11	ng		0.04
20) Terphenyl-d14	18.64	244	3508	0.12	ng		0.02
Target Compounds							Qvalue
6) Naphthalene	9.61	128	4309	0.11	ng	#	93
7) 2-Methylnaphthalene	11.19	142	1810	0.12	ng		98
11) Acenaphthylene	13.13	152	13035	0.09	ng		99
12) Acenaphthene	13.42	154	3287	0.10	ng	#	72
13) Fluorene	14.44	166	3651	0.10	ng		98
15) Phenanthrene	16.13	178	7943	0.11	ng		97
16) Anthracene	16.22	178	5380	0.10	ng		98
17) Fluoranthene	18.11	202	5520	0.10	ng		99
19) Pyrene	18.49	202	5356	0.12	ng		99
21) Benzo(a)anthracene	20.19	228	4528	0.11	ng		99
22) Chrysene	20.25	228	9175	0.13	ng		98
23) Indeno(1,2,3-cd)pyrene	23.72	276	3624m	0.08	ng		
25) Benzo(b)fluoranthene	21.55	252	4226	0.09	ng		94
26) Benzo(k)fluoranthene	21.58	252	5088	0.09	ng		95
27) Benzo(a)pyrene	22.01	252	3534	0.08	ng	#	91
28) Dibenzo(a,h)anthracene	23.68	278	2306	0.07	ng	#	87
29) Benzo(g,h,i)perylene	24.27	276	4192	0.09	ng		95

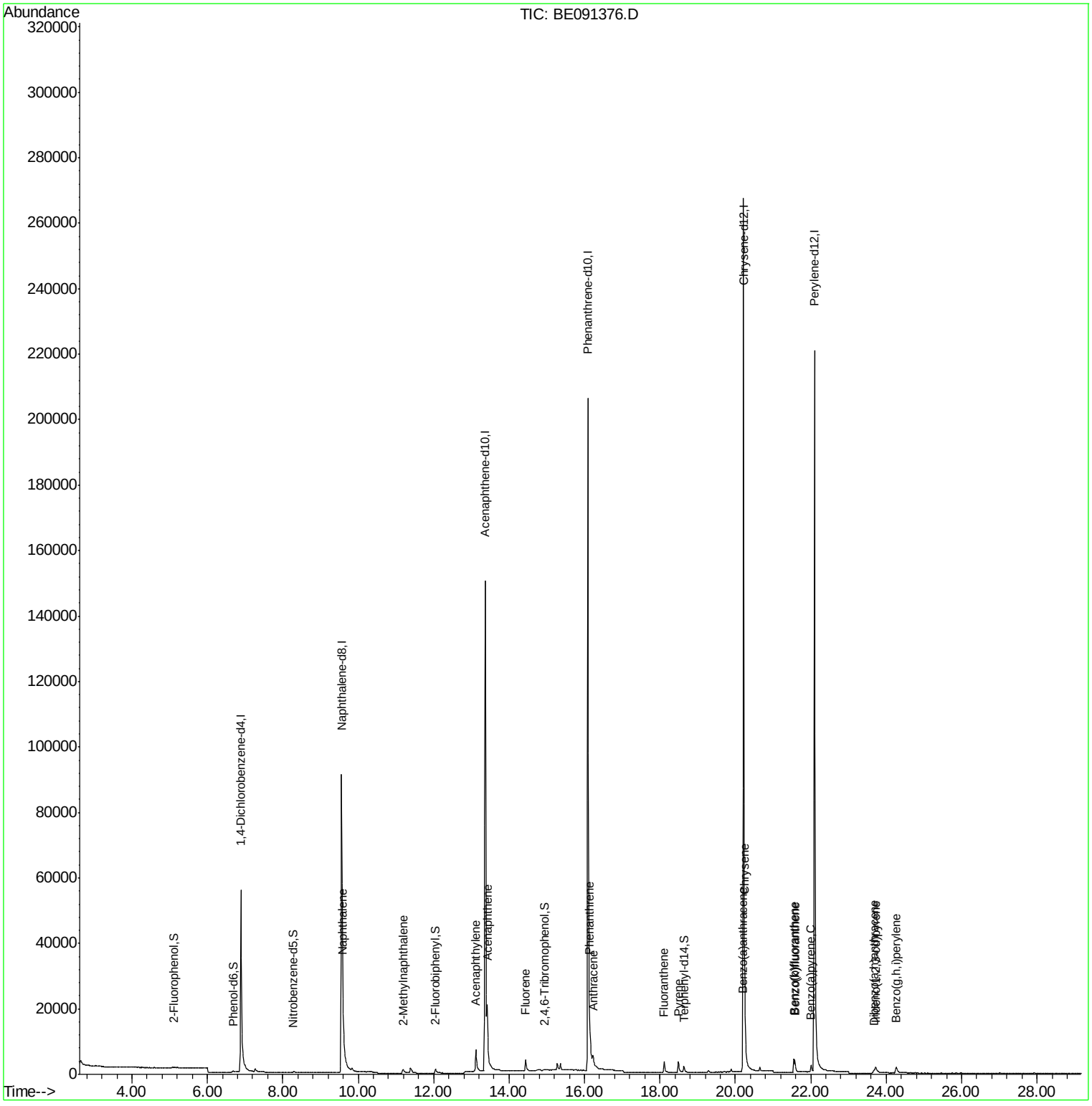
(#) = qualifier out of range (m) = manual integration (+) = signals summed

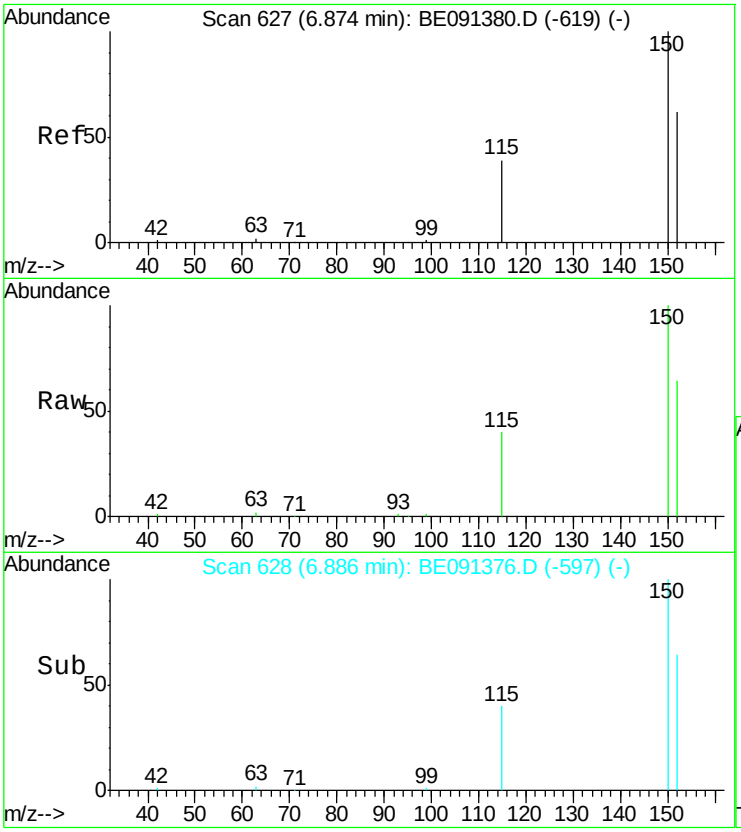
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020216\
Data File : BE091376.D
Acq On : 2 Feb 2016 14:11
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Feb 02 17:52:59 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 17:27:22 2016
Response via : Initial Calibration



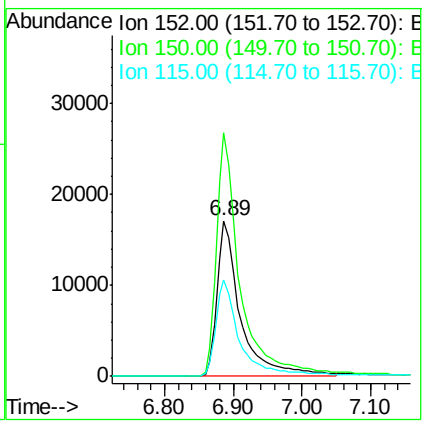


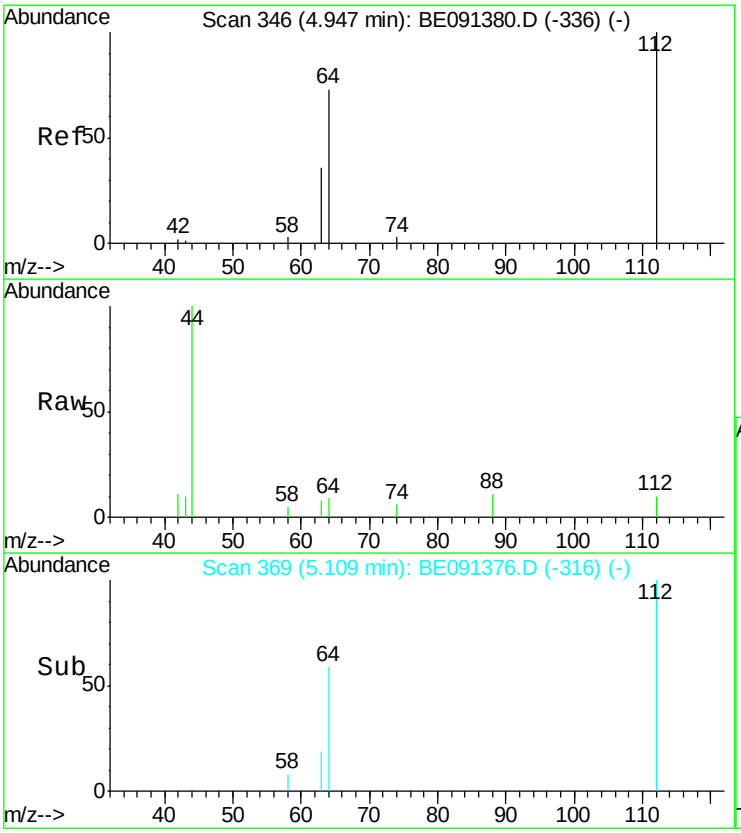
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.89 min Scan# 628
Delta R.T. 0.01 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 39842

Ion	Ratio	Lower	Upper
152	100		
150	156.6	121.6	182.4
115	62.3	50.6	75.8

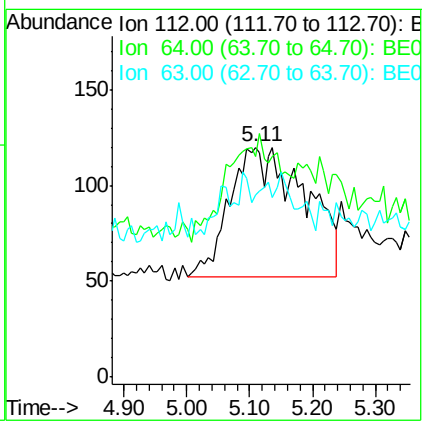


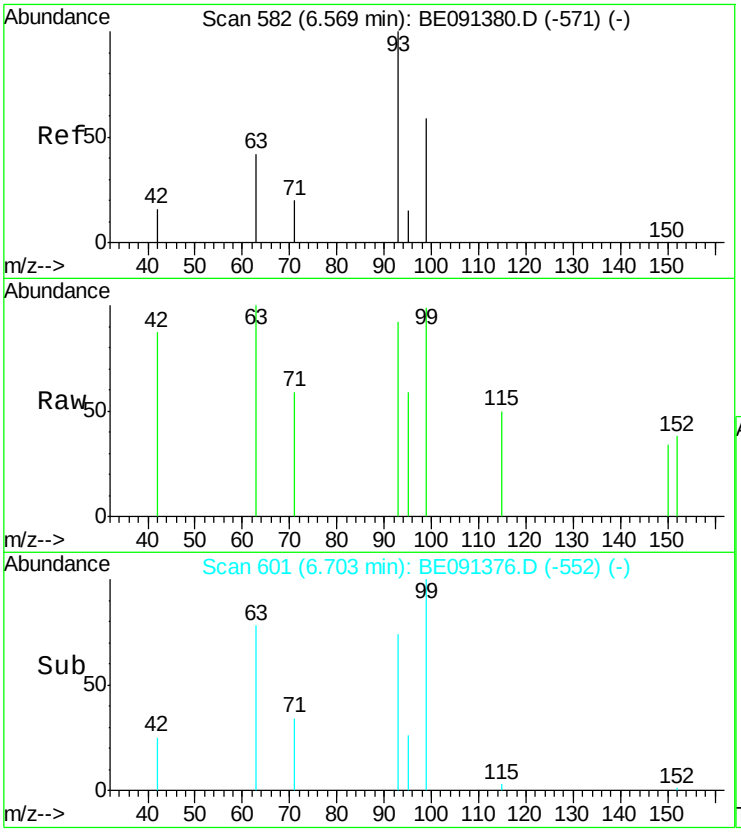


#2
2-Fluorophenol
Concen: 0.13 ng m
RT: 5.11 min Scan# 369
Delta R.T. 0.16 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:112 Resp: 571

Ion	Ratio	Lower	Upper
112	100		
64	0.0	57.4	86.0#
63	1.8	32.2	48.2#



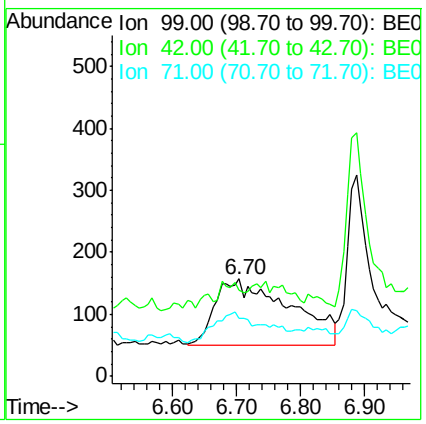


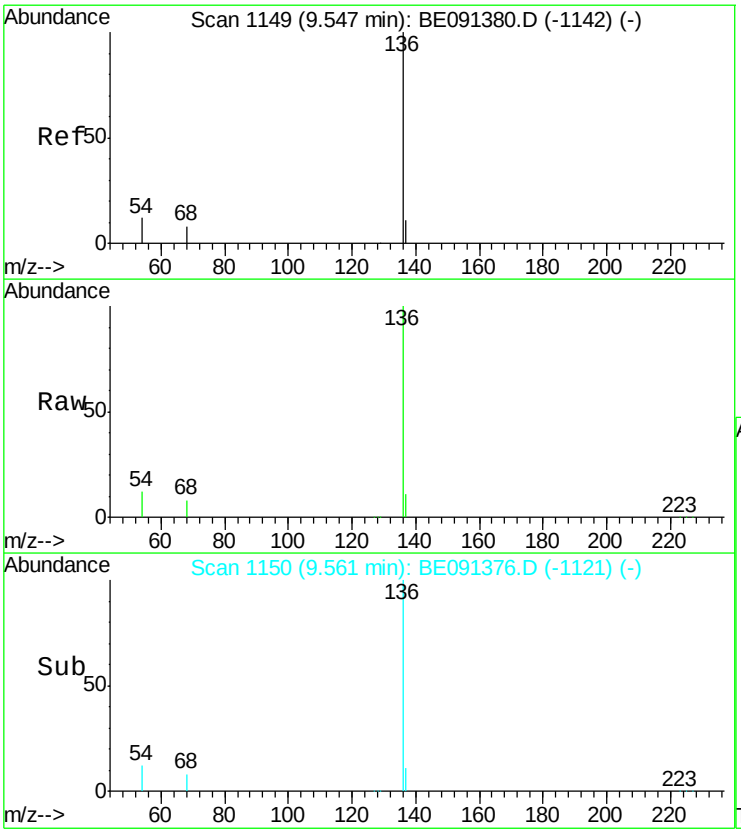
#3
Phenol-d6
Concen: 0.13 ng m
RT: 6.70 min Scan# 601
Delta R.T. 0.13 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 865

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.9	34.3#
71	26.2	35.4	53.2#

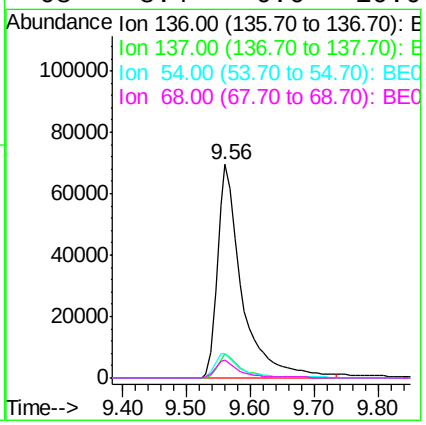


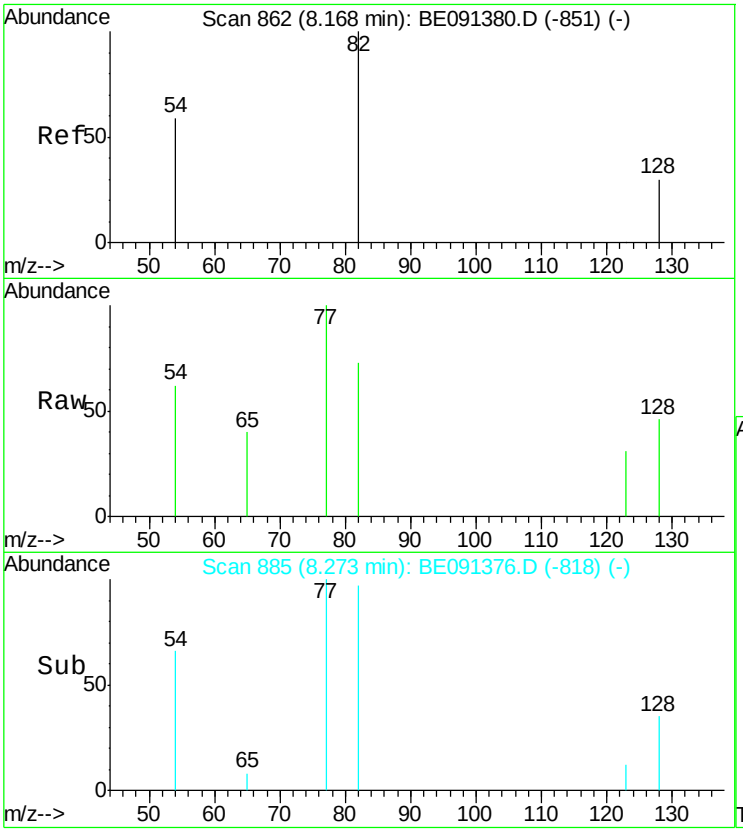


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.56 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:136 Resp: 184860

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.7	9.8	14.6
68	8.4	6.6	10.0



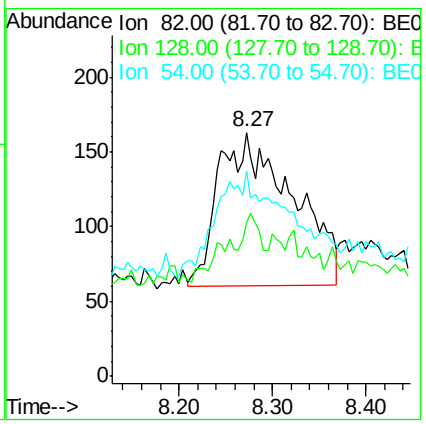


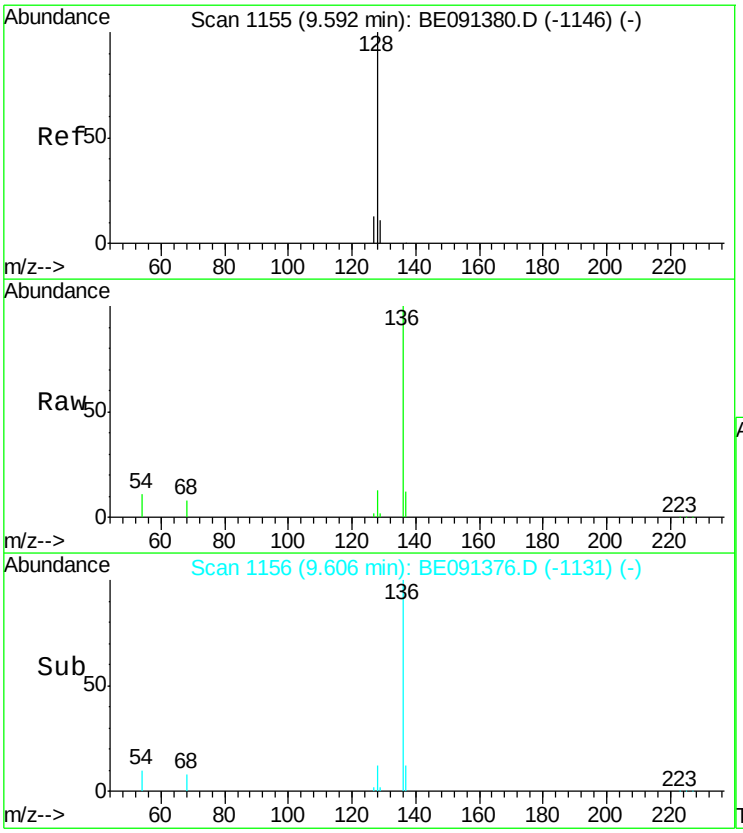
#5
Nitrobenzene-d5
Concen: 0.05 ng m
RT: 8.27 min Scan# 885
Delta R.T. 0.10 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 572

Ion	Ratio	Lower	Upper
82	100		
128	63.2	24.6	36.8#
54	84.0	52.7	79.1#

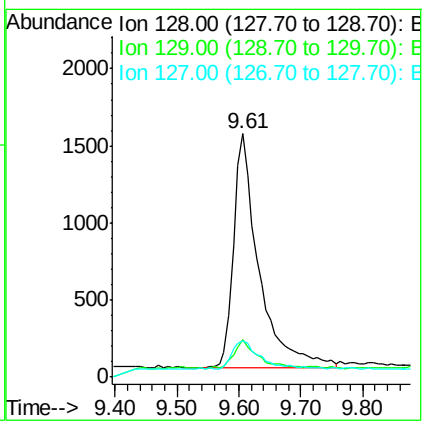


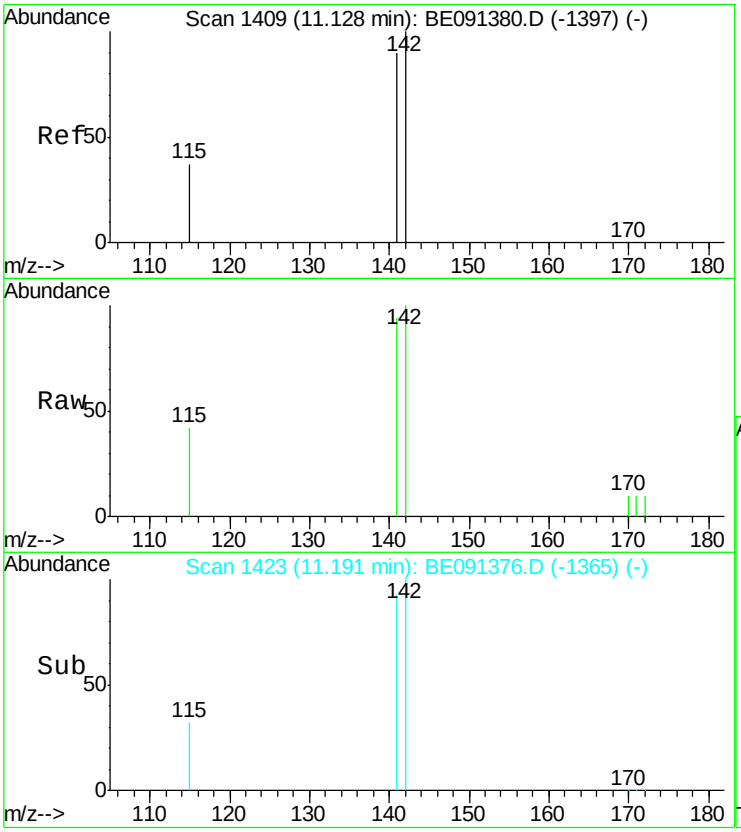


#6
Naphthalene
Concen: 0.11 ng
RT: 9.61 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:128 Resp: 4309

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.3	13.9#
127	15.1	10.6	15.8



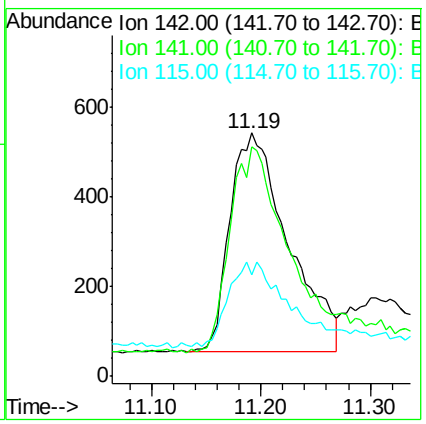


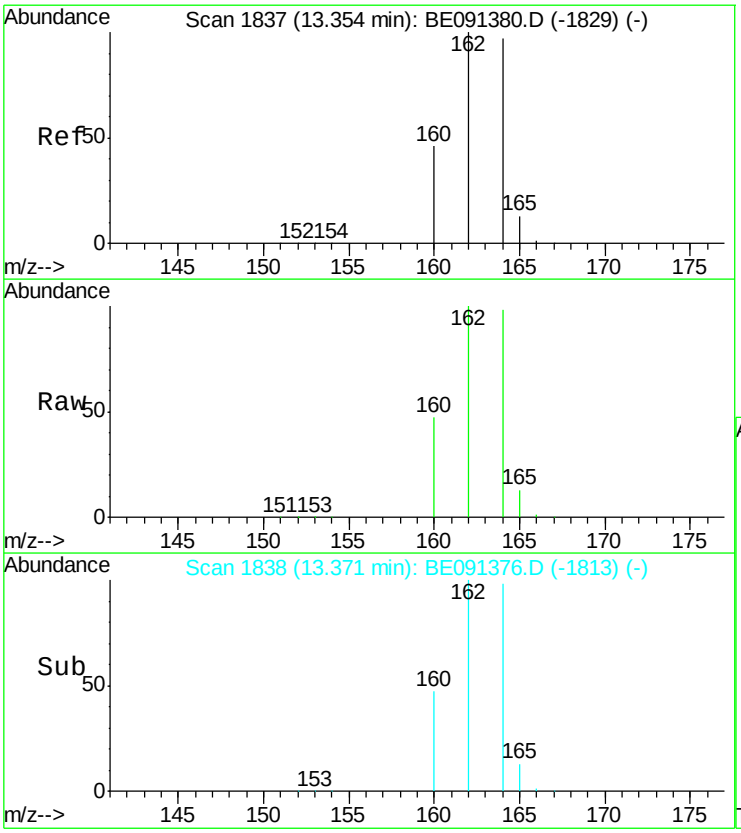
#7
2-Methylnaphthalene
Concen: 0.12 ng
RT: 11.19 min Scan# 1423
Delta R.T. 0.06 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 1810

Ion	Ratio	Lower	Upper
142	100		
141	94.5	74.5	111.7
115	42.0	35.2	52.8

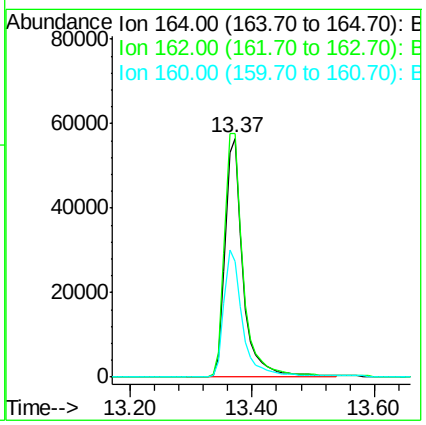


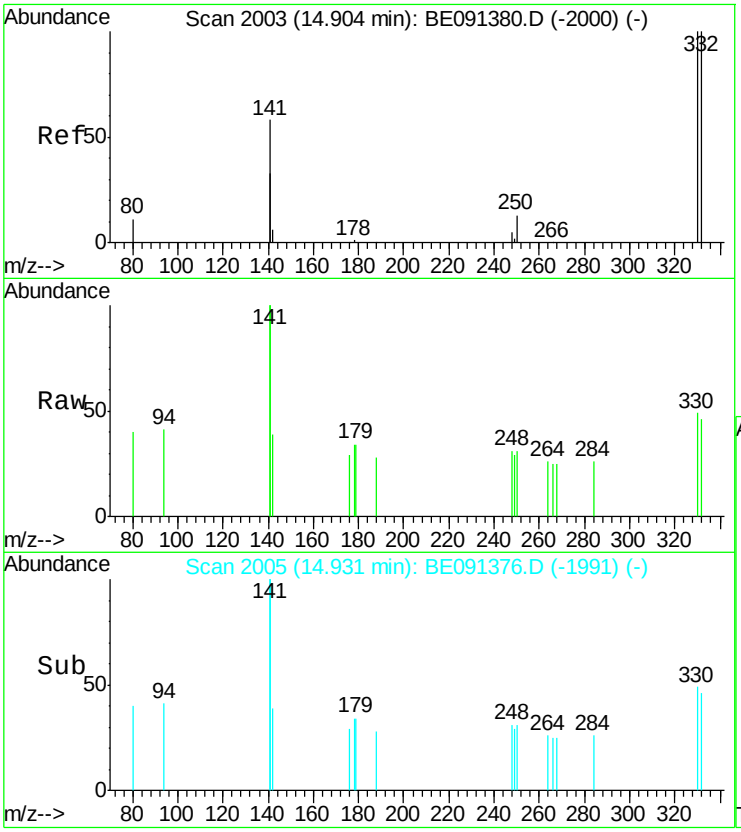


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.37 min Scan# 1838
Delta R.T. 0.02 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:164 Resp: 114392

Ion	Ratio	Lower	Upper
164	100		
162	102.1	88.5	132.7
160	48.3	76.7	115.1#



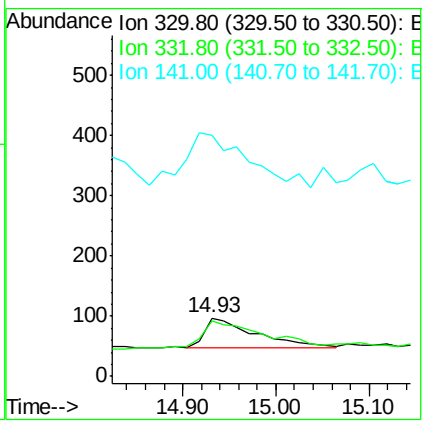


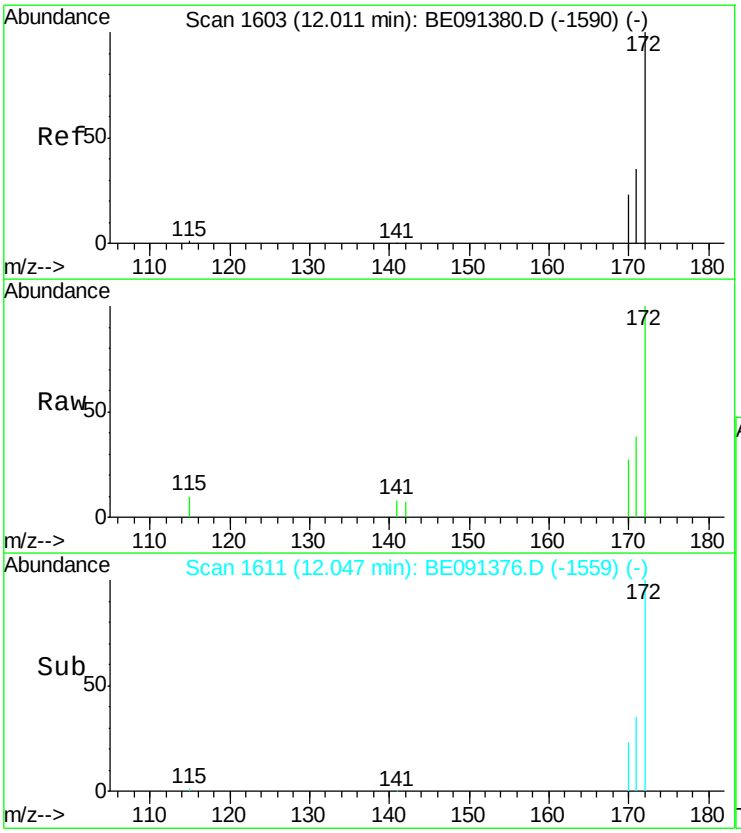
#9
2,4,6-Tribromophenol
Concen: 0.08 ng
RT: 14.93 min Scan# 2005
Delta R.T. 0.03 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 195

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.6	118.0
141	0.0	147.8	221.8#

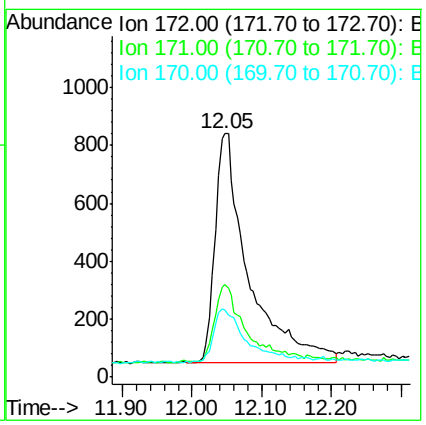


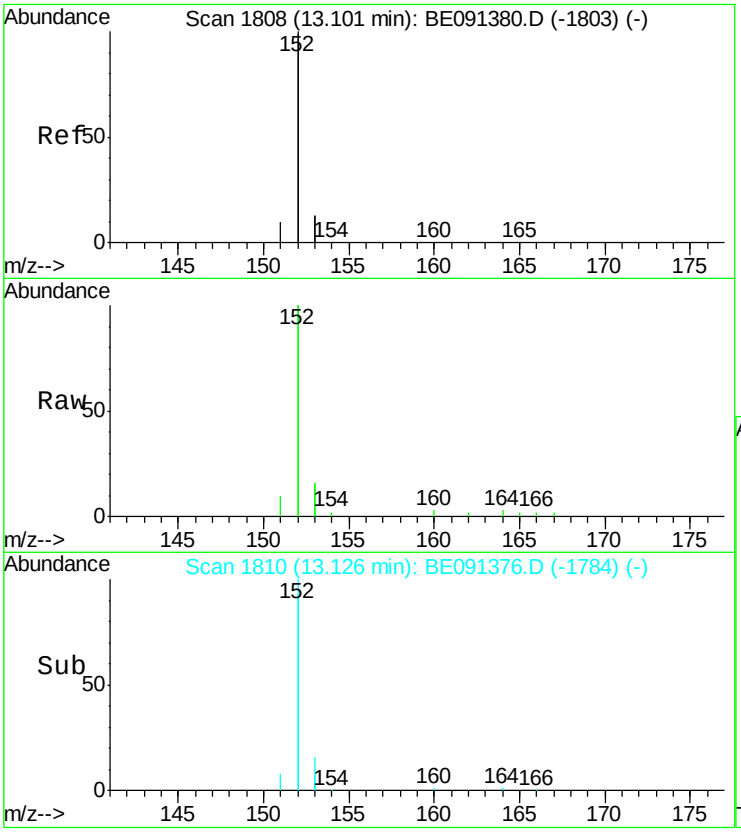


#10
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 12.05 min Scan# 1611
Delta R.T. 0.04 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:172 Resp: 2671

Ion	Ratio	Lower	Upper
172	100		
171	38.2	27.3	40.9
170	27.5	19.8	29.6



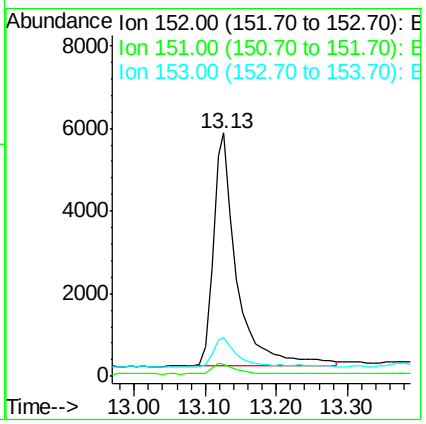


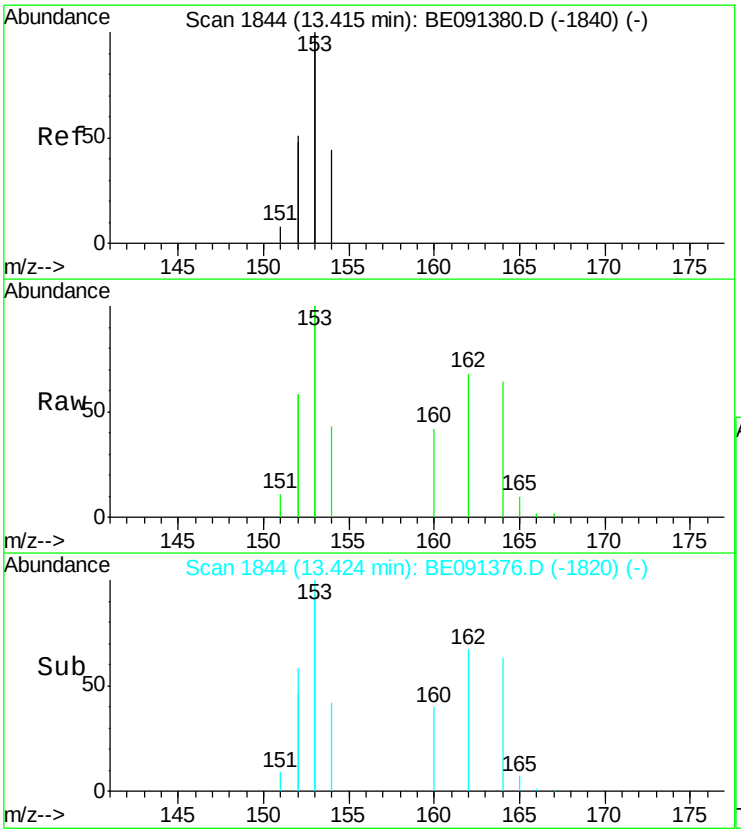
#11
Acenaphthylene
Concen: 0.09 ng
RT: 13.13 min Scan# 1810
Delta R.T. 0.03 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 13035

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.2	10.1	15.1

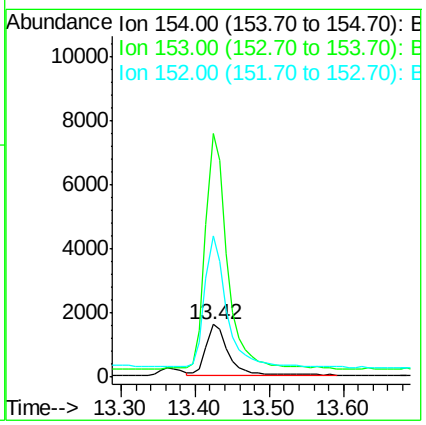


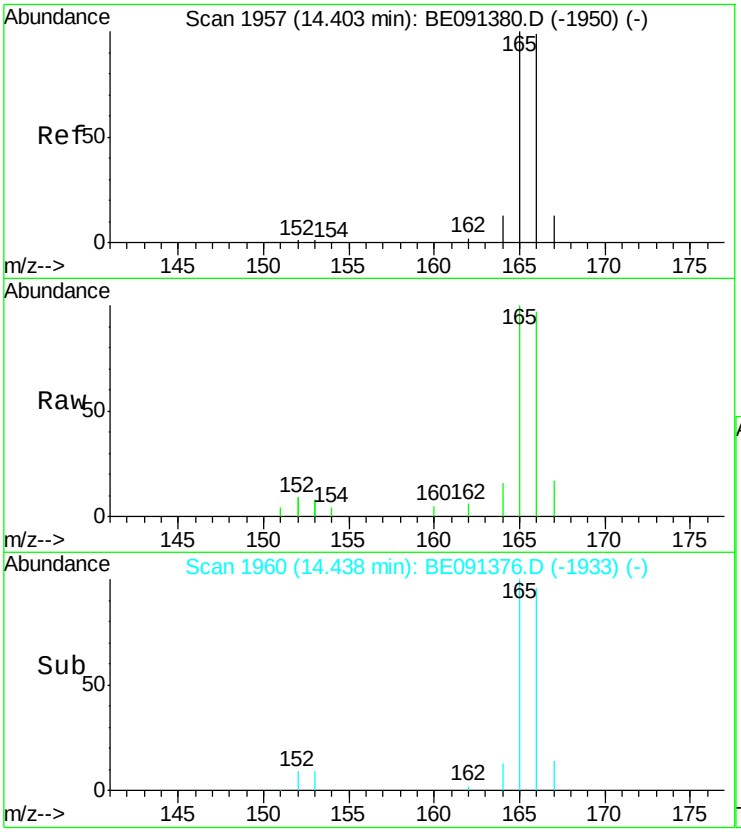


#12
Acenaphthene
Concen: 0.10 ng
RT: 13.42 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:154 Resp: 3287

Ion	Ratio	Lower	Upper
154	100		
153	464.7	370.2	555.4
152	249.2	310.5	465.7#



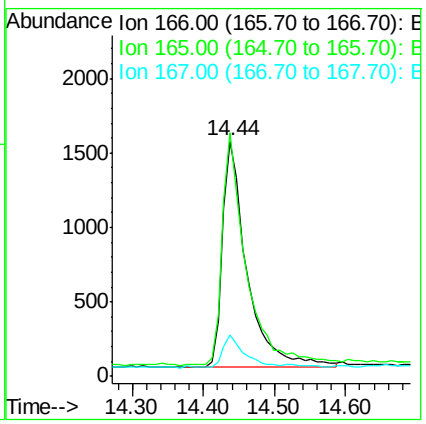


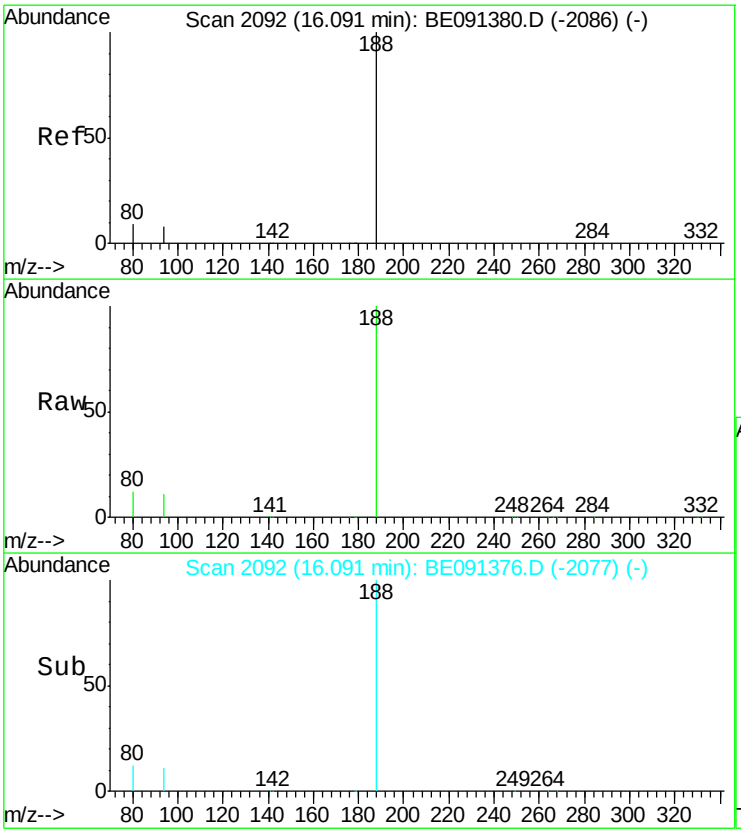
#13
Fluorene
Concen: 0.10 ng
RT: 14.44 min Scan# 1960
Delta R.T. 0.03 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 3651

Ion	Ratio	Lower	Upper
166	100		
165	101.4	83.0	124.6
167	13.8	11.1	16.7

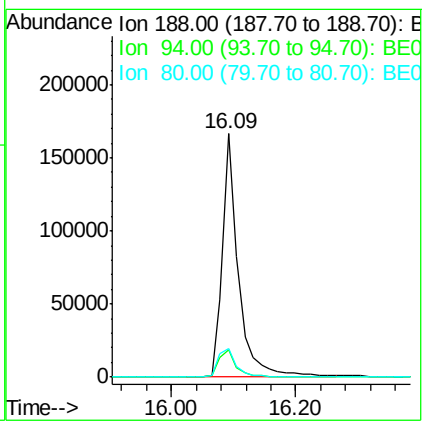


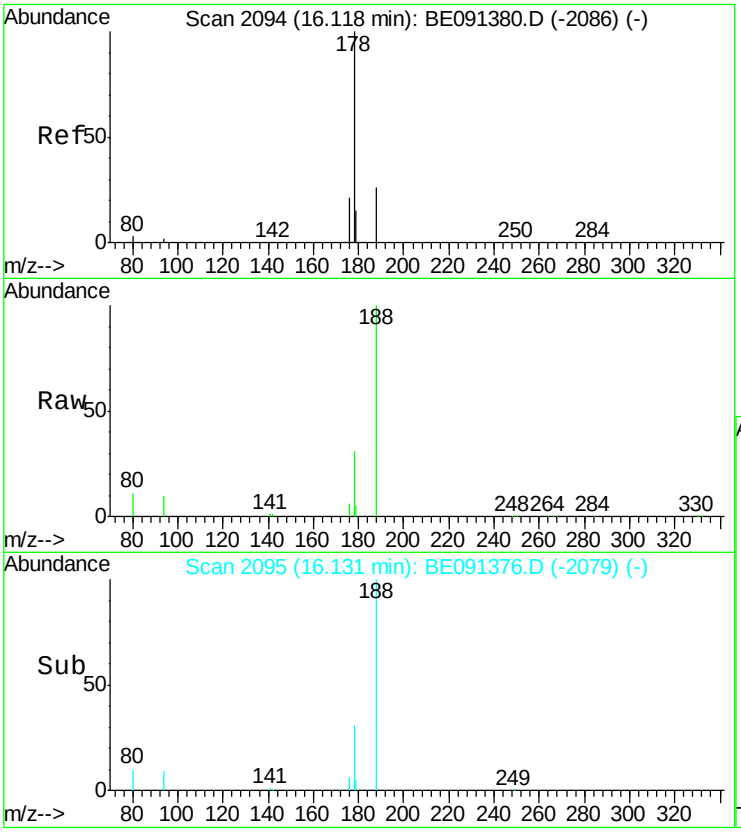


#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.09 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:188 Resp: 300123

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.5	11.3
80	11.9	8.2	12.2



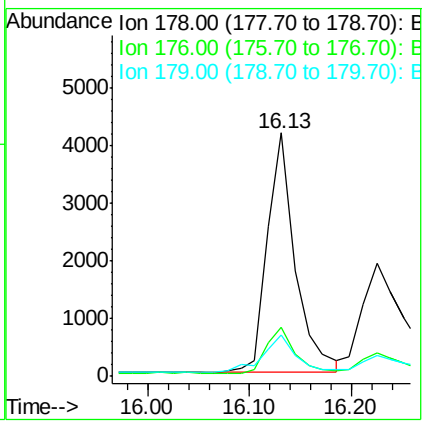


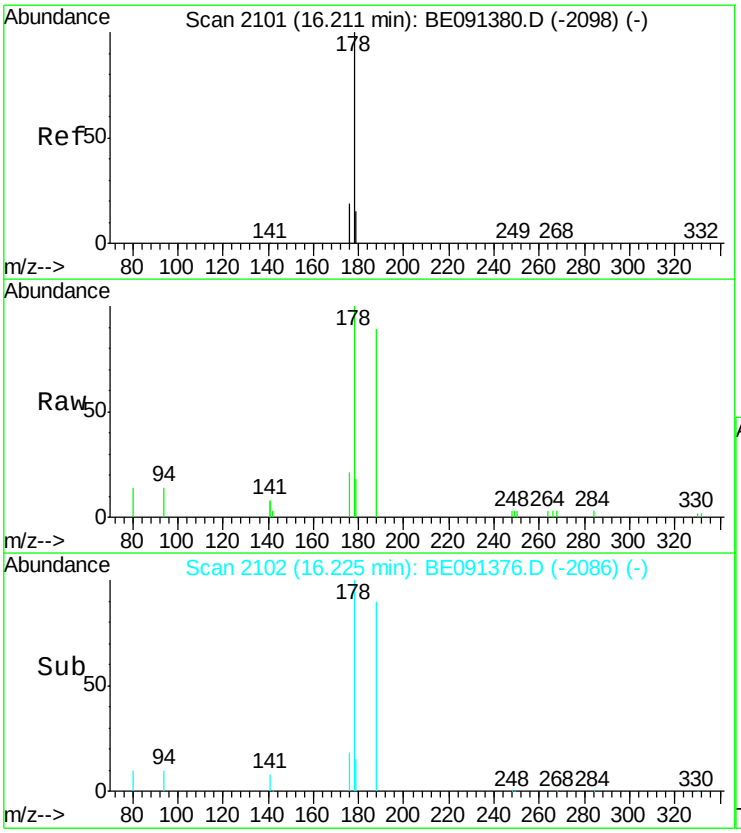
#15
Phenanthrene
Concen: 0.11 ng
RT: 16.13 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 7943

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	18.7	12.8	19.2

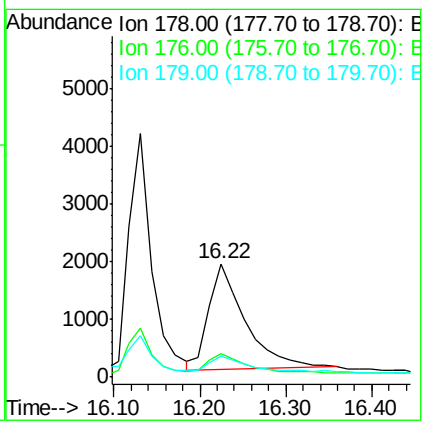


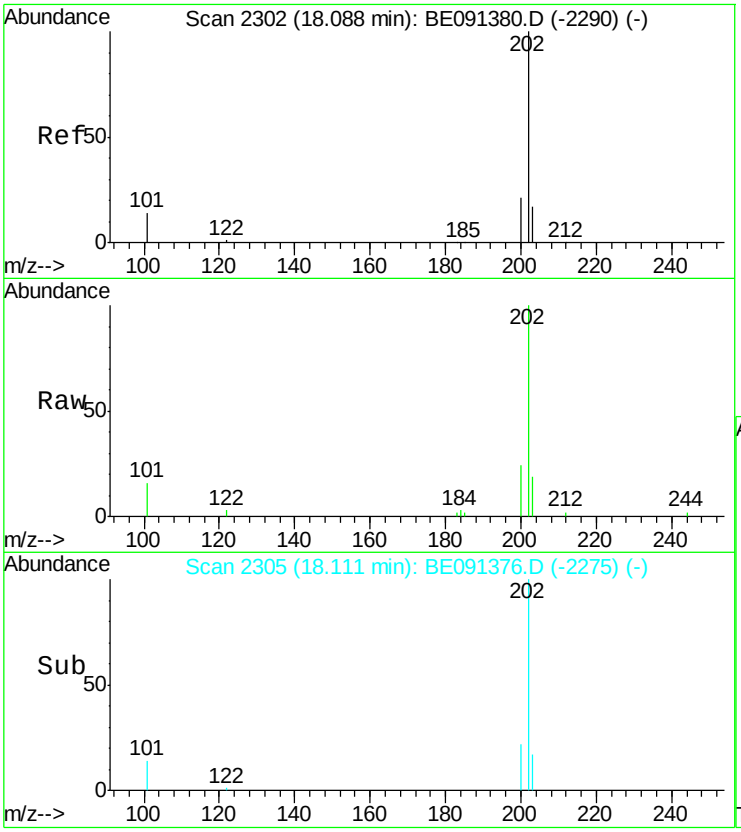


#16
Anthracene
Concen: 0.10 ng
RT: 16.22 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:178 Resp: 5380

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.6
179	15.6	12.4	18.6



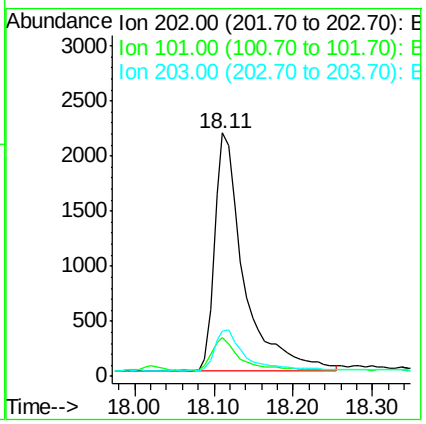


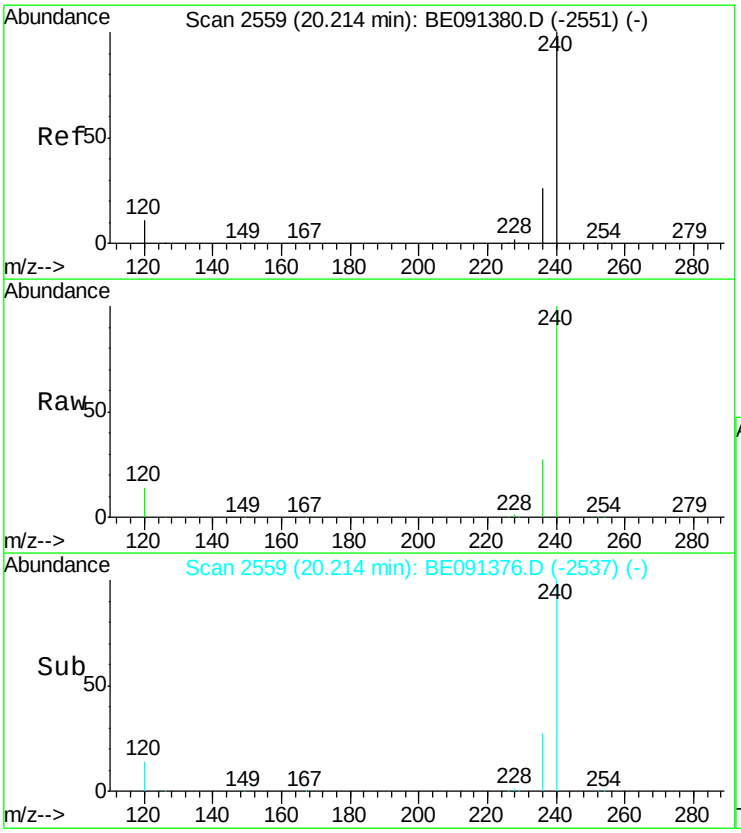
#17
Fluoranthene
Concen: 0.10 ng
RT: 18.11 min Scan# 2305
Delta R.T. 0.02 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 5520

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.0	16.4
203	17.2	13.9	20.9

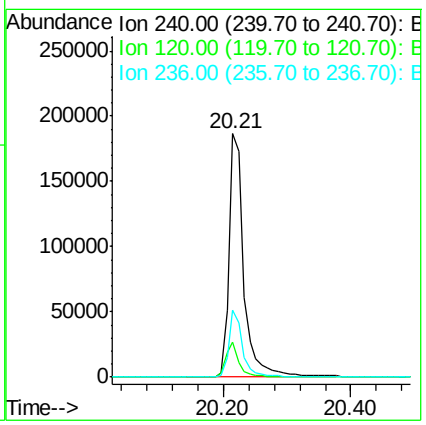


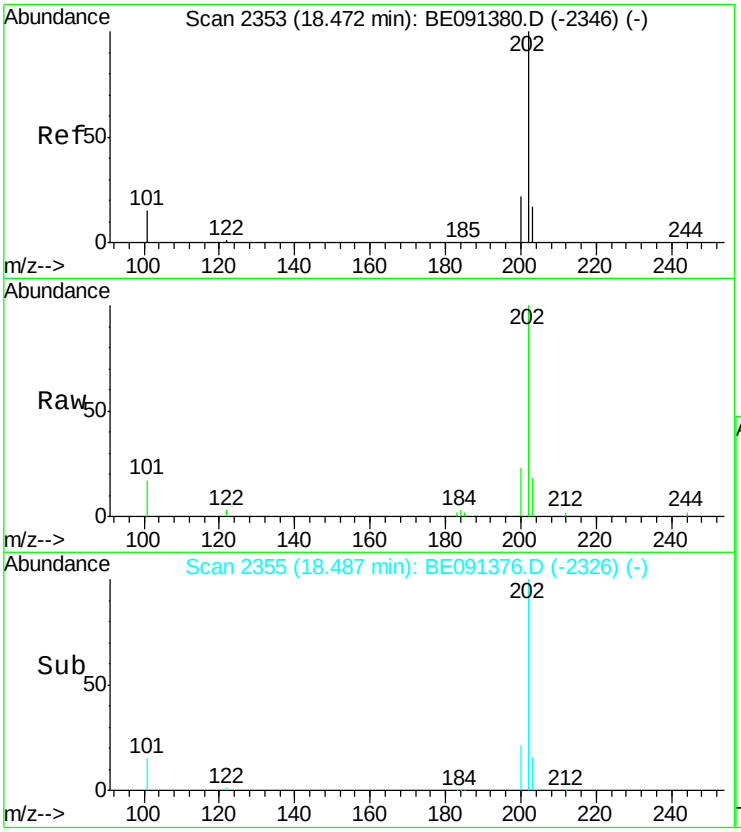


#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.21 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:240 Resp: 300487

Ion	Ratio	Lower	Upper
240	100		
120	14.4	12.6	19.0
236	27.4	22.7	34.1



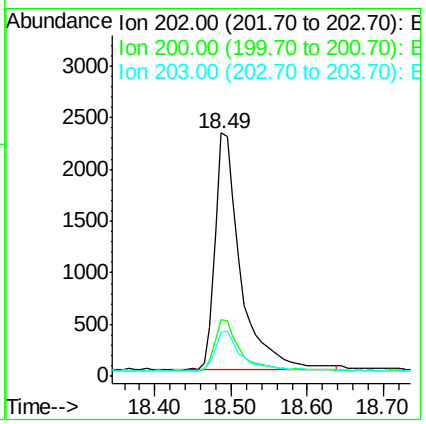


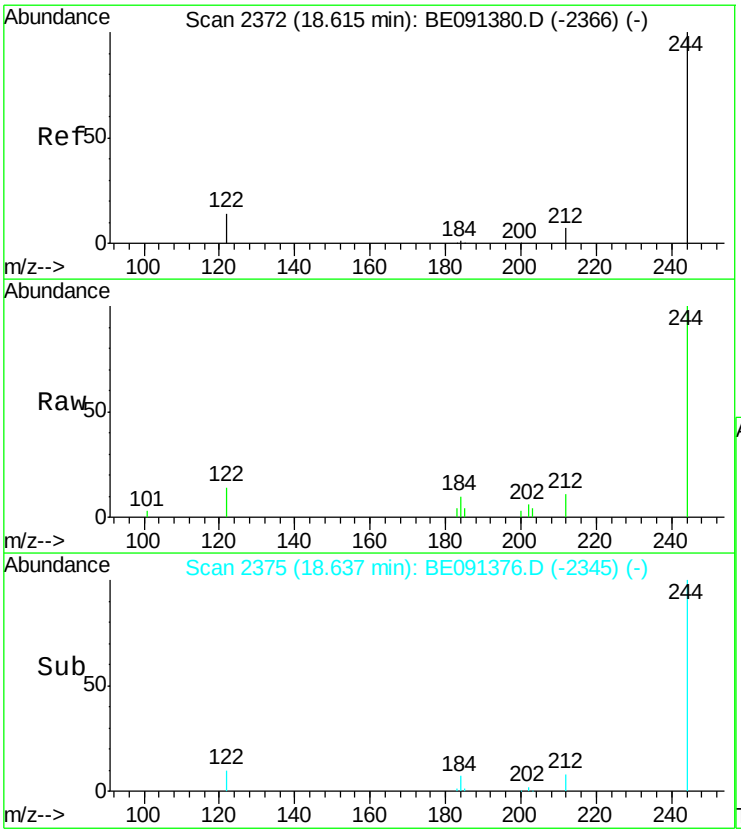
#19
Pyrene
Concen: 0.12 ng
RT: 18.49 min Scan# 2355
Delta R.T. 0.02 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 5356

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	16.9	14.2	21.4

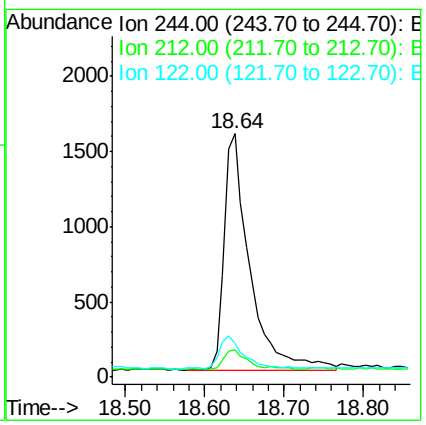


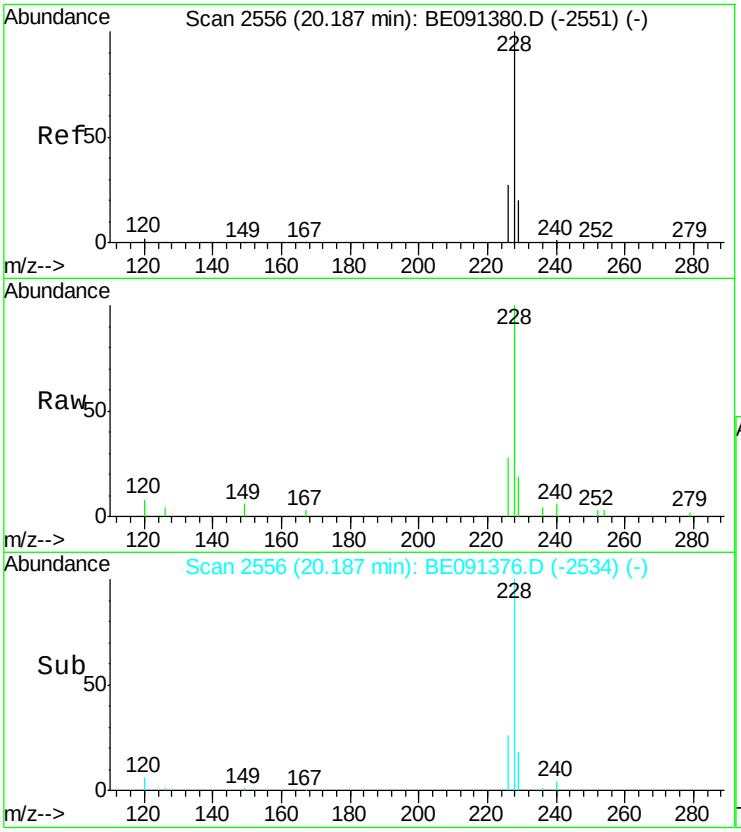


#20
Terphenyl-d14
Concen: 0.12 ng
RT: 18.64 min Scan# 2375
Delta R.T. 0.02 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:244 Resp: 3508

Ion	Ratio	Lower	Upper
244	100		
212	11.0	7.0	10.4#
122	13.7	8.5	12.7#



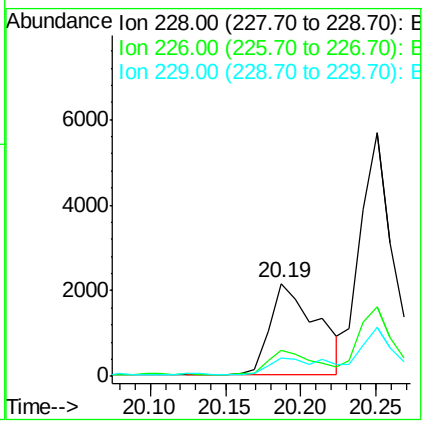


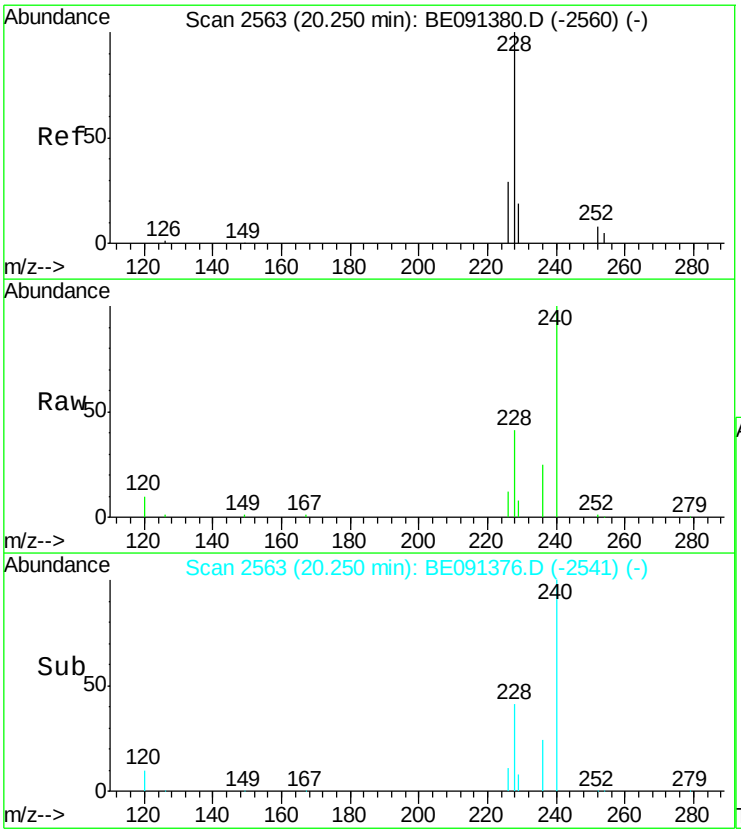
#21
Benzo(a)anthracene
Concen: 0.11 ng
RT: 20.19 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 4528

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	19.5	16.2	24.4

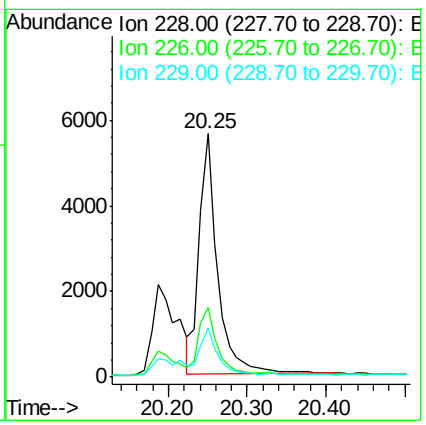


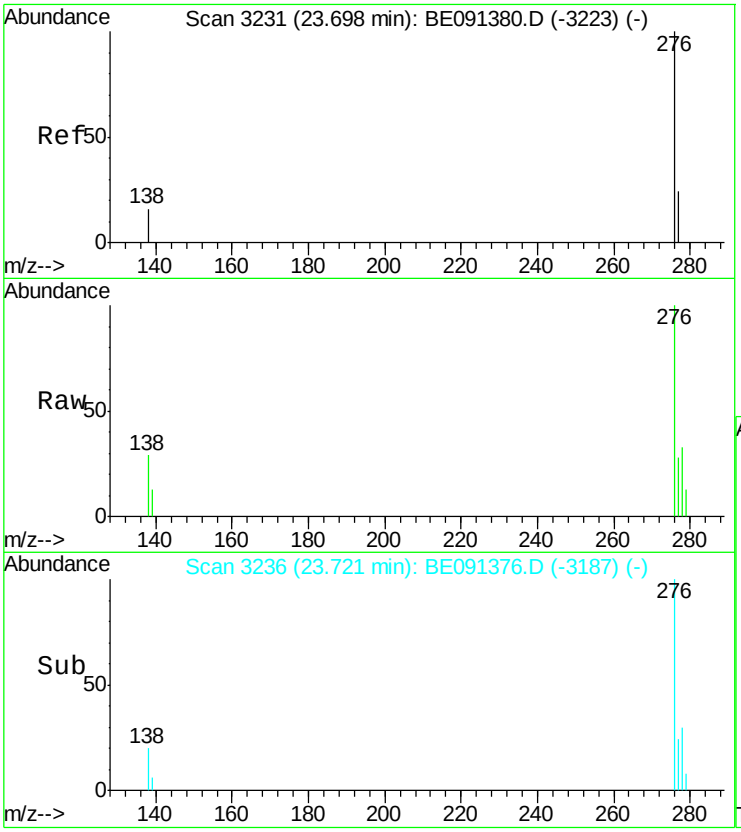


#22
Chrysene
Concen: 0.13 ng
RT: 20.25 min Scan# 2563
Delta R.T. 0.00 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:228 Resp: 9175

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.7	35.5
229	20.3	16.0	24.0



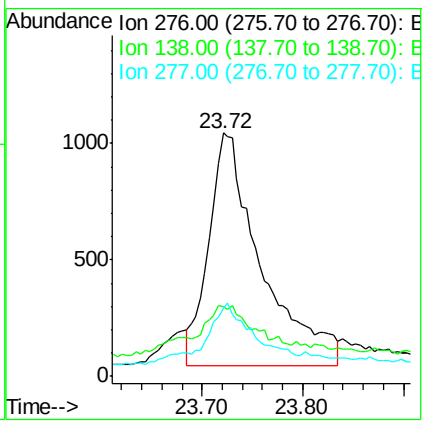


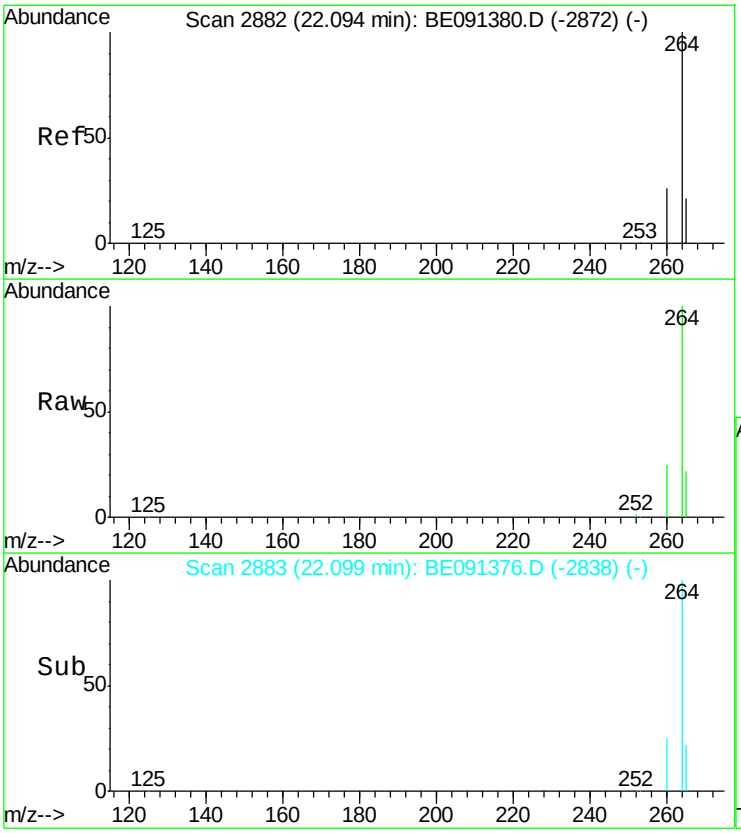
#23
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng m
RT: 23.72 min Scan# 3236
Delta R.T. 0.02 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3624

Ion	Ratio	Lower	Upper
276	100		
138	15.1	18.6	27.8#
277	24.6	16.5	24.7

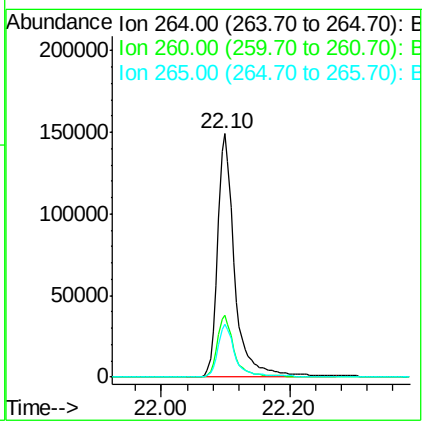


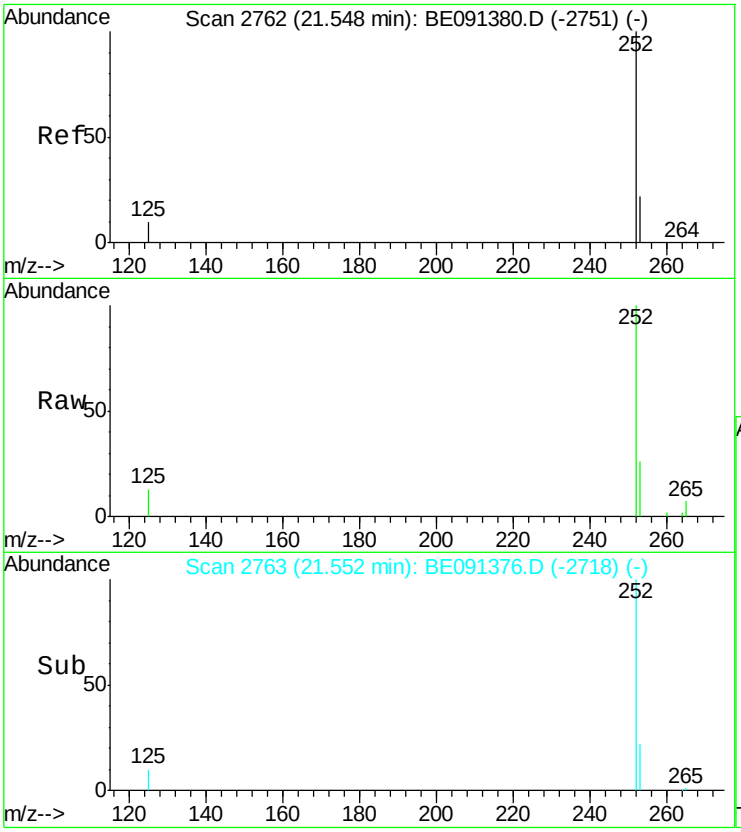


#24
Perylene-d12
Concen: 5.00 ng
RT: 22.10 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:264 Resp: 274736

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	21.9	17.2	25.8



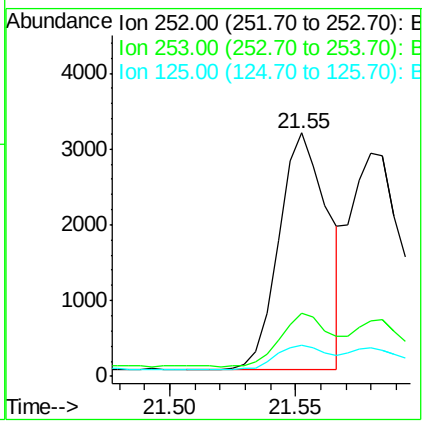


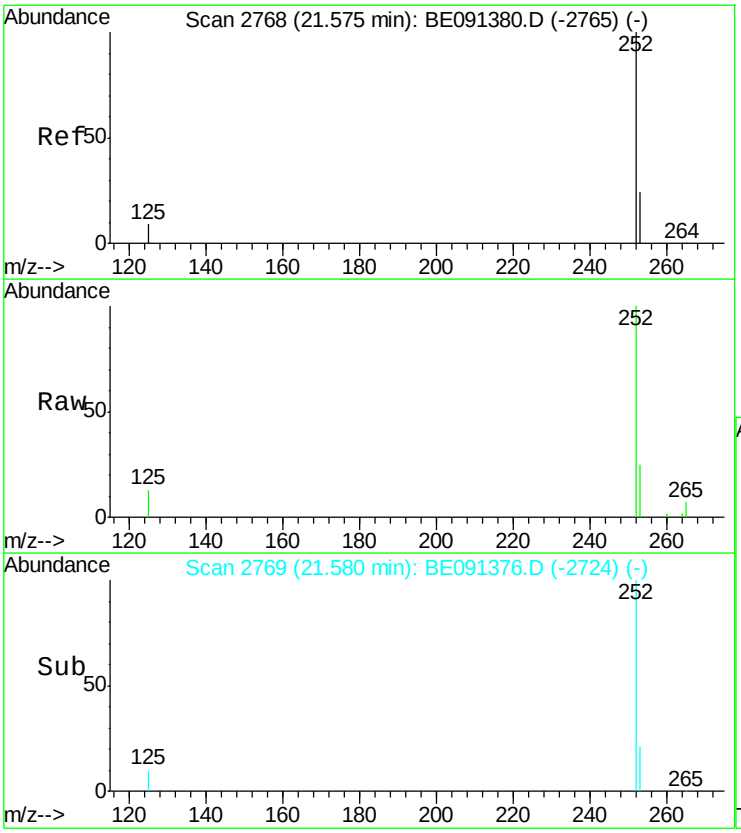
#25
Benzo(b)fluoranthene
Concen: 0.09 ng
RT: 21.55 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 4226

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.2
125	12.9	11.0	16.6

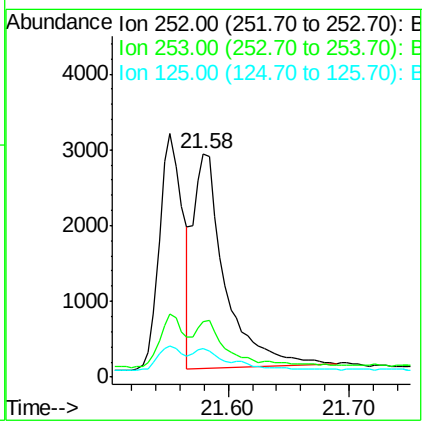


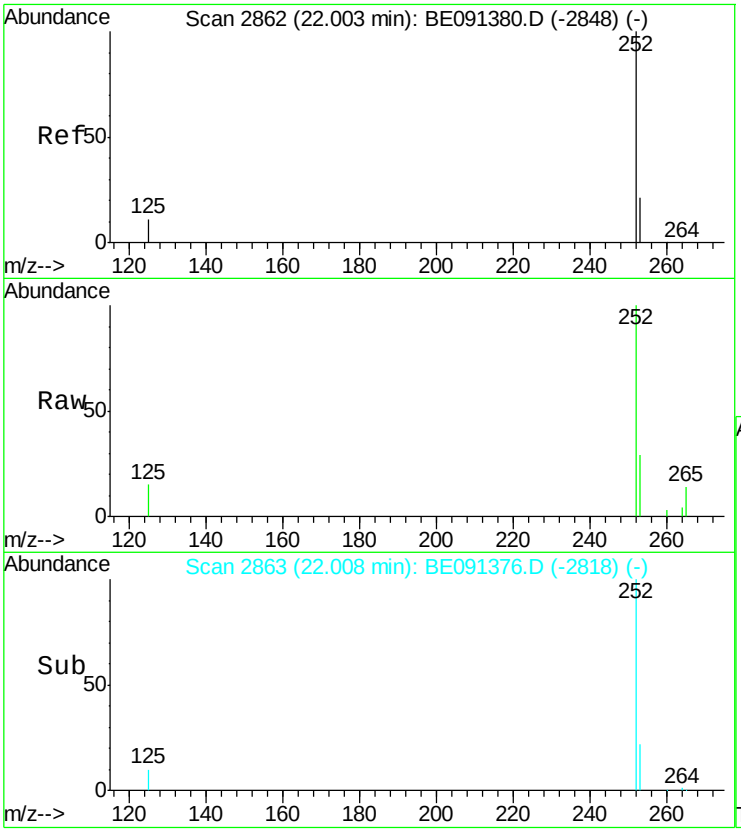


#26
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 21.58 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:252 Resp: 5088

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	12.9	11.3	16.9



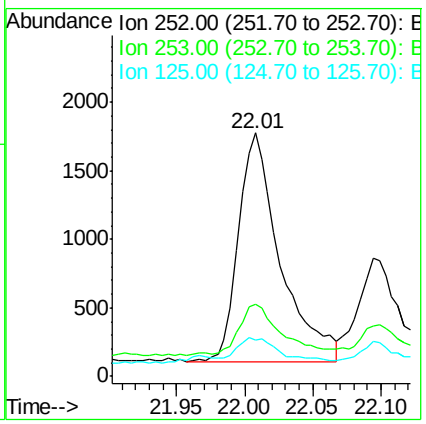


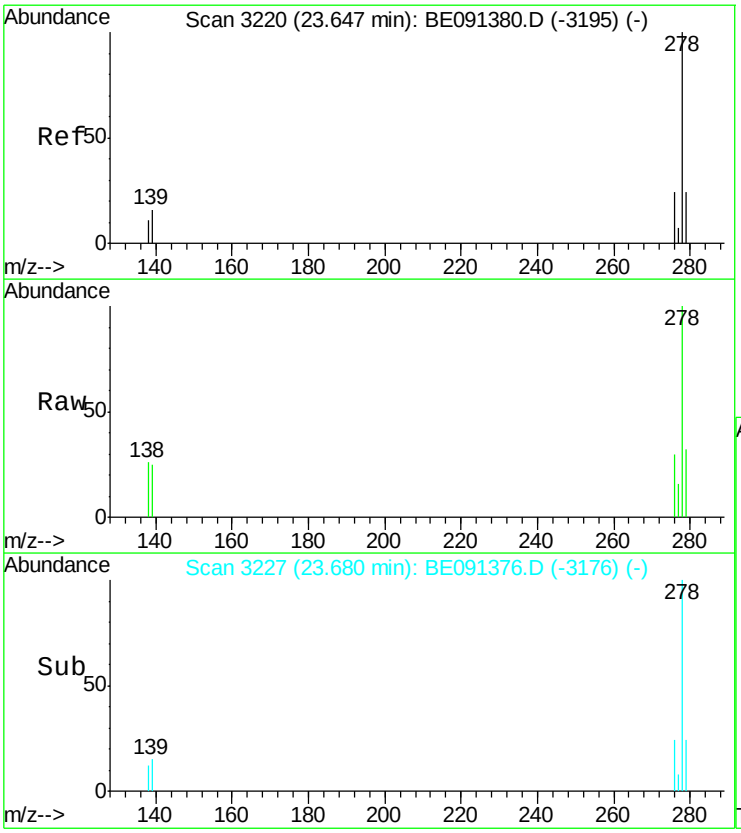
#27
Benzo(a)pyrene
Concen: 0.08 ng
RT: 22.01 min Scan# 2863
Delta R.T. 0.00 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3534

Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.1	27.1#
125	14.8	12.2	18.4

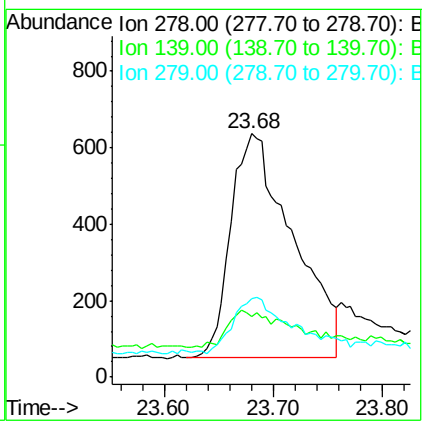


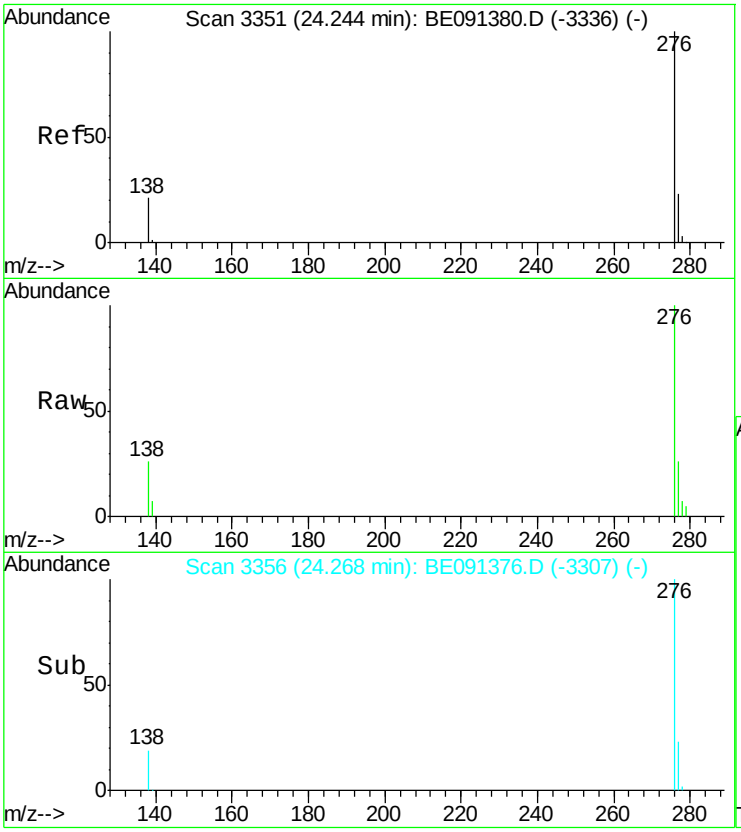


#28
Dibenzo(a,h)anthracene
Concen: 0.07 ng
RT: 23.68 min Scan# 3227
Delta R.T. 0.03 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Tgt Ion:278 Resp: 2306

Ion	Ratio	Lower	Upper
278	100		
139	25.1	16.3	24.5#
279	32.0	19.4	29.2#





#29
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 24.27 min Scan# 3356
Delta R.T. 0.02 min
Lab File: BE091376.D
Acq: 2 Feb 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 4192

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.8	29.6
138	25.9	23.3	34.9