Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011416\
Data File : BE091355.D
Acq On : 14 Jan 2016 17:47
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
mohammad
1/15/2016 3:38:57 PM

Quant Time: Jan 14 22:55:54 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 22:47:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	26334	5.00	ng		0.00
4) Naphthalene-d8	9.55	136	117788	5.00	ng		0.00
8) Acenaphthene-d10	13.36	164	54788	5.00	ng		0.00
14) Phenanthrene-d10	16.08	188	172832	5.00	ng		0.00
18) Chrysene-d12	20.22	240	135891	5.00	ng		0.00
24) Perylene-d12	22.10	264	120311	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	4.97	112	4	0.00	ng		0.02
3) Phenol-d6	6.56	99	8	0.00	ng		-0.01
5) Nitrobenzene-d5	8.25	82	644m	0.10	ng		0.09
9) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
10) 2-Fluorobiphenyl	12.05	172	974	0.07	ng		0.04
20) Terphenyl-d14	18.64	244	982	0.06	ng		0.02
Target Compounds							Qvalue
6) Naphthalene	9.60	128	2615	0.10	ng	#	89
7) 2-Methylnaphthalene	11.20	142	759	0.05	ng	#	89
11) Acenaphthylene	13.12	152	5306	0.06	ng		98
12) Acenaphthene	13.42	154	1482	0.10	ng		94
13) Fluorene	14.44	166	1335	0.07	ng		97
15) Phenanthrene	16.12	178	4302m	0.10	ng		
16) Anthracene	16.21	178	2219	0.06	ng	#	96
17) Fluoranthene	18.12	202	1856	0.04	ng		96
19) Pyrene	18.50	202	1620	0.05	ng		98
21) Benzo(a)anthracene	20.19	228	1867m	0.06	ng		
22) Chrysene	20.25	228	3519m	0.09	ng		
23) Indeno(1,2,3-cd)pyrene	23.73	276	1766m	0.06	ng		
25) Benzo(b)fluoranthene	21.56	252	1411	0.05	ng	#	86
26) Benzo(k)fluoranthene	21.58	252	1615	0.05	ng	#	87
27) Benzo(a)pyrene	22.01	252	1280	0.05	ng	#	76
28) Dibenzo(a,h)anthracene	23.68	278	1115	0.05	ng	#	65
29) Benzo(g,h,i)perylene	24.27	276	1604	0.06	ng	#	80

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011416\
Data File : BE091355.D
Acq On : 14 Jan 2016 17:47
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 14 22:55:54 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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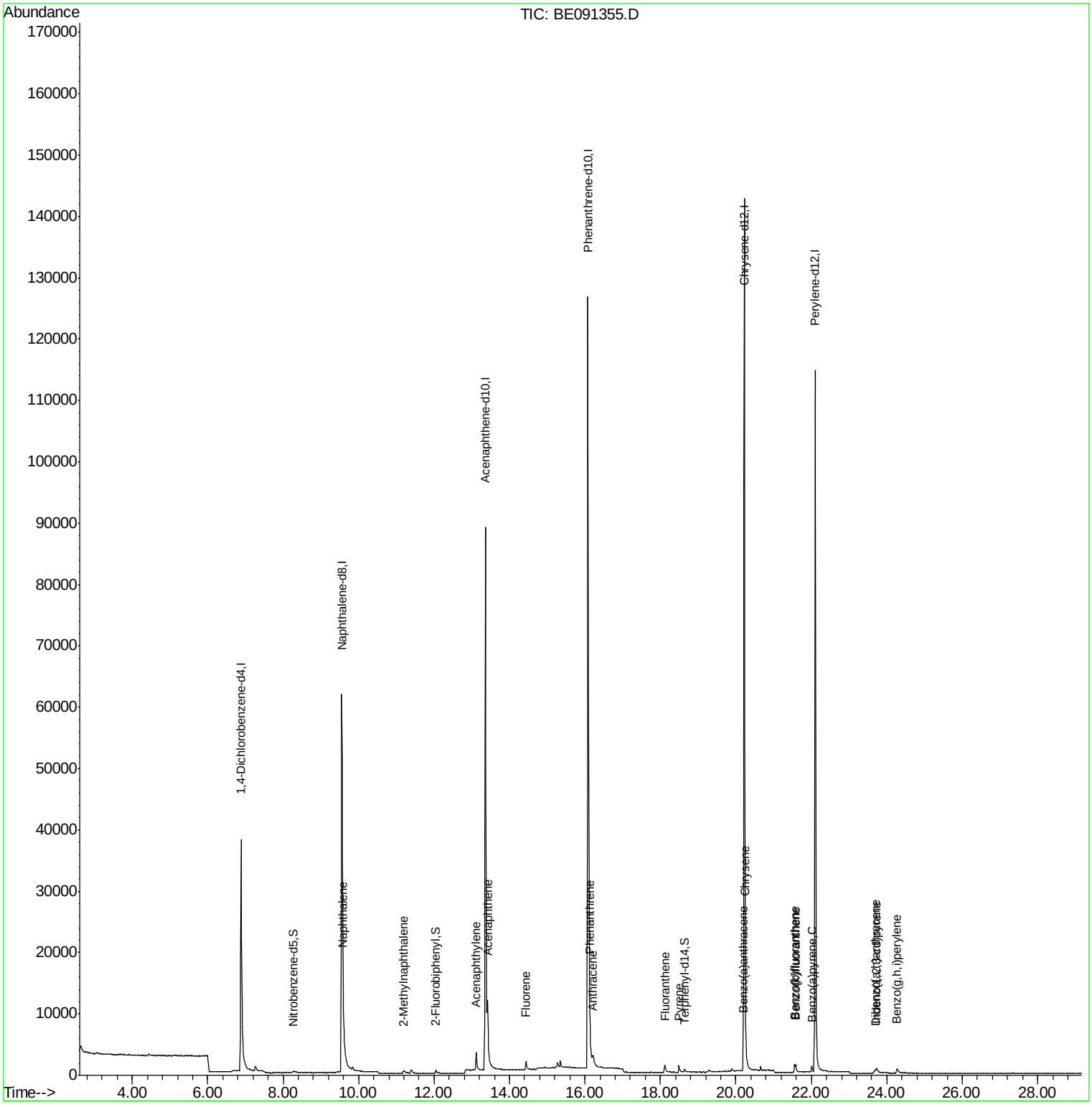
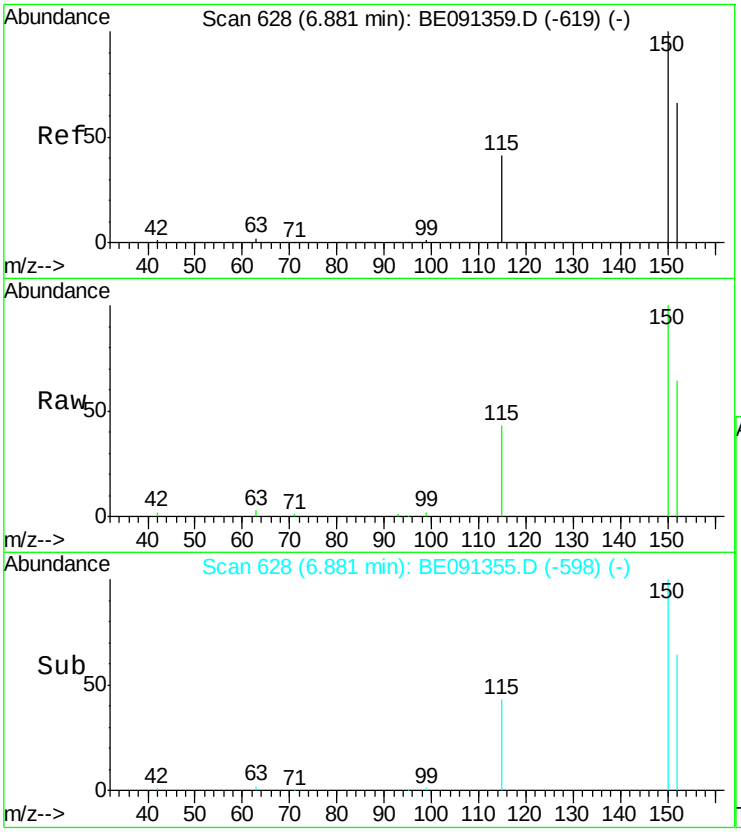
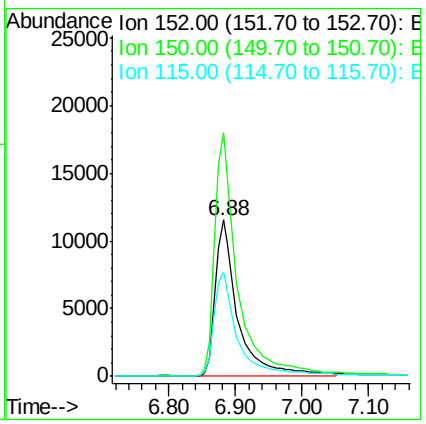




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.88 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:152 Resp: 26334

Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.6	182.4
115	66.7	50.6	75.8



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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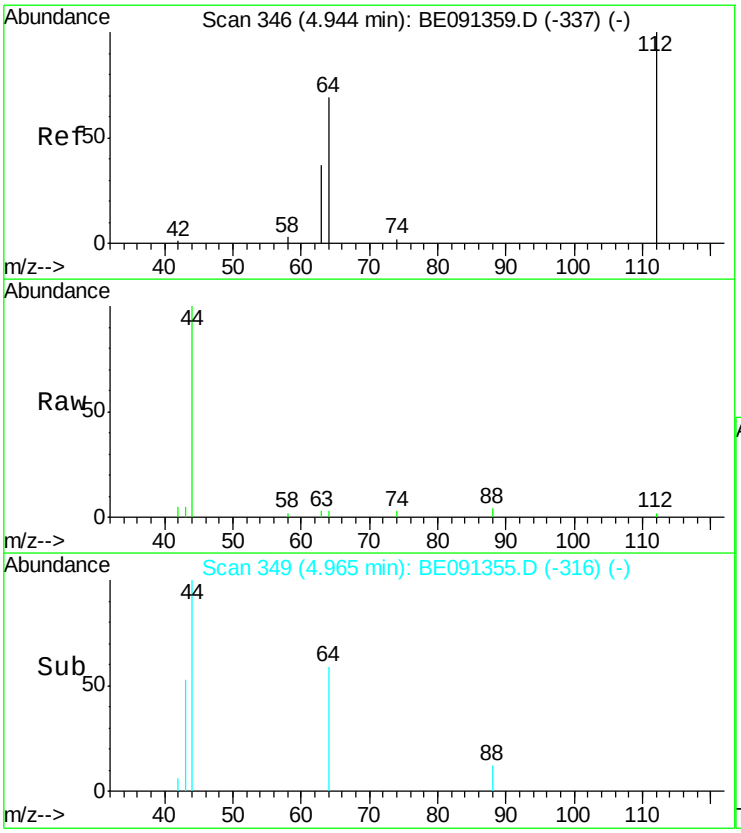
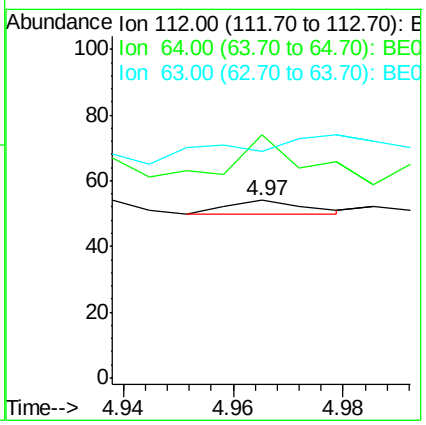
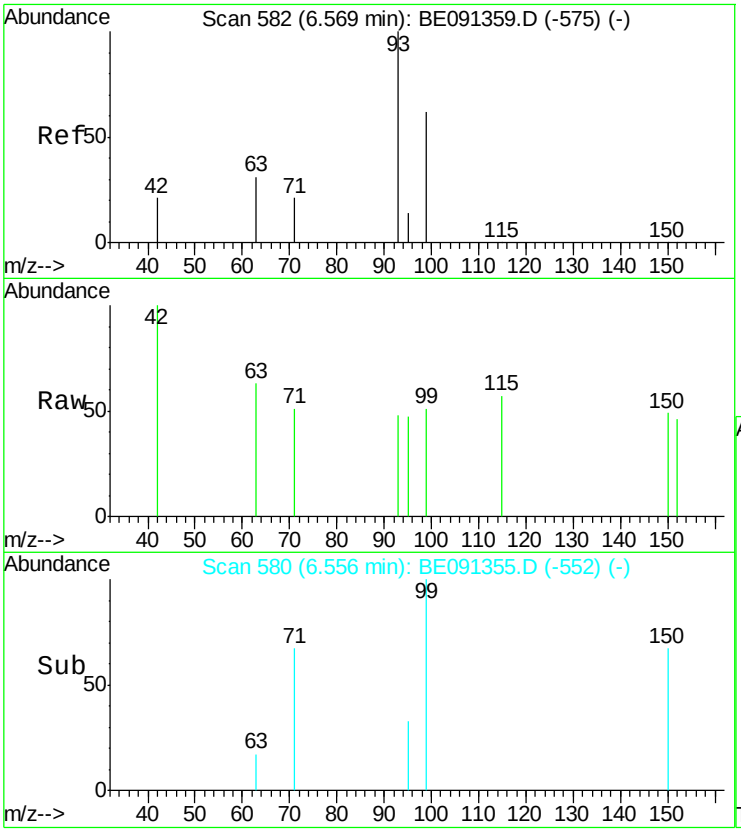


#2
2-Fluorophenol
Concen: 0.00 ng
RT: 4.97 min Scan# 349
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:112 Resp: 4

Ion	Ratio	Lower	Upper
112	100		
64	350.0	57.4	86.0#
63	475.0	32.2	48.2#

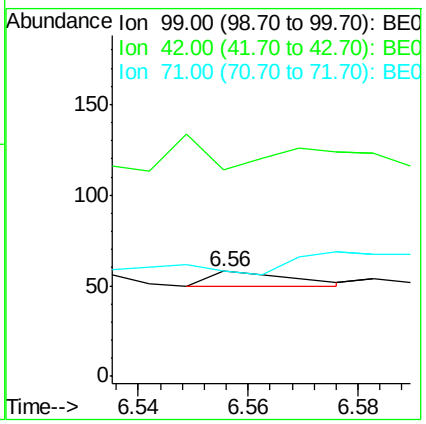




#3
Phenol-d6
Concen: 0.00 ng
RT: 6.56 min Scan# 580
Delta R.T. -0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion: 99 Resp: 8

Ion	Ratio	Lower	Upper
99	100		
42	112.5	22.9	34.3#
71	0.0	35.4	53.2#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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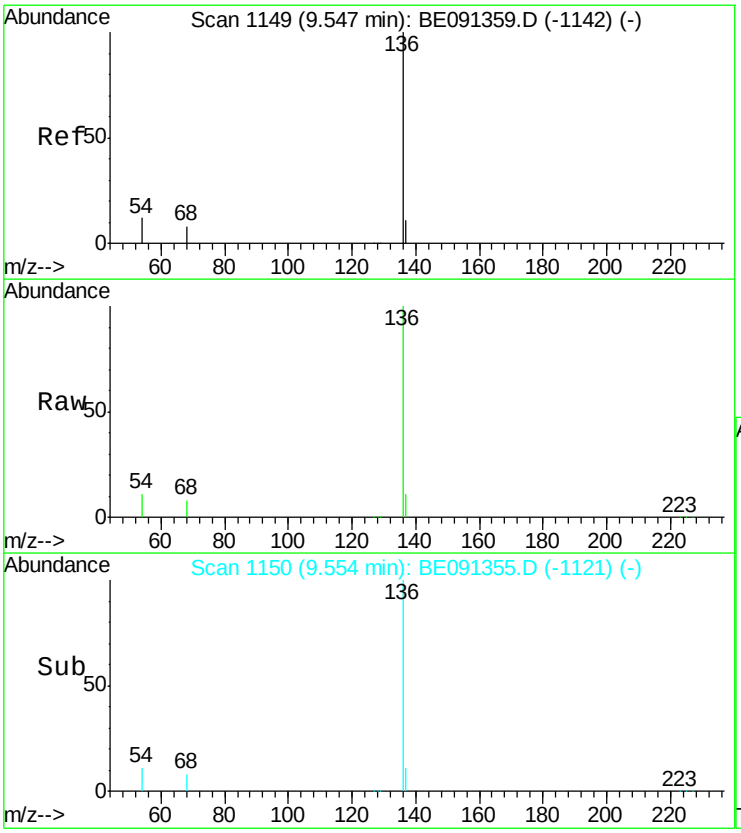
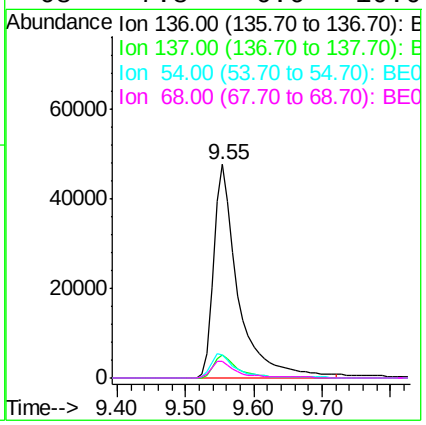
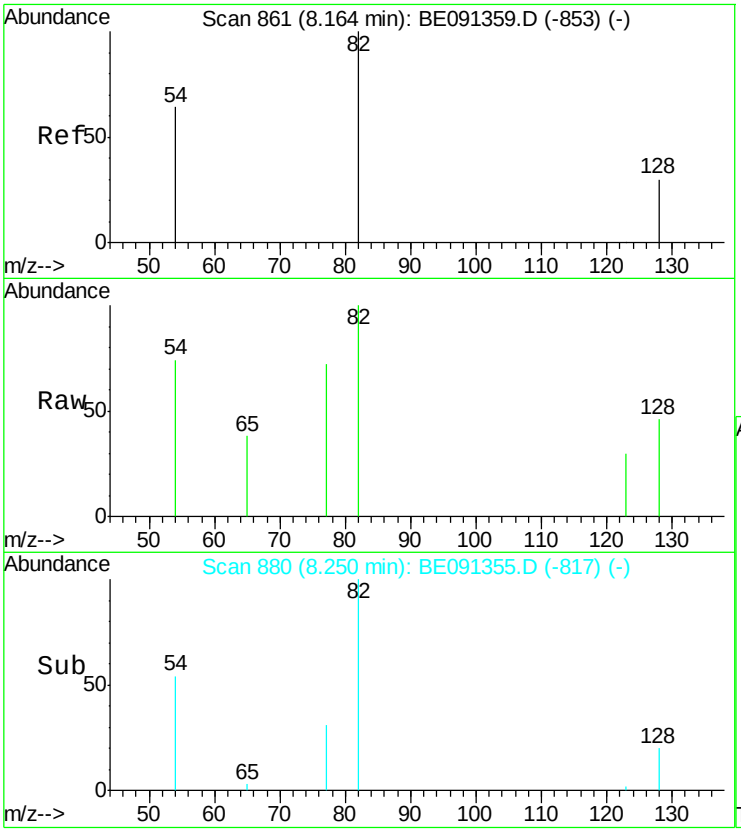


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.55 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:136 Resp: 117788

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.0	9.8	14.6
68	7.8	6.6	10.0

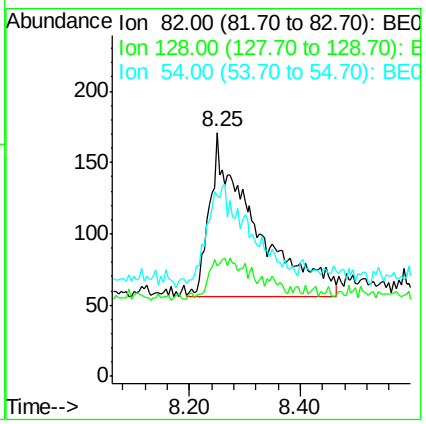




#5
Nitrobenzene-d5
Concen: 0.10 ng m
RT: 8.25 min Scan# 880
Delta R.T. 0.09 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion: 82 Resp: 644

Ion	Ratio	Lower	Upper
82	100		
128	45.6	24.6	36.8#
54	74.3	52.7	79.1



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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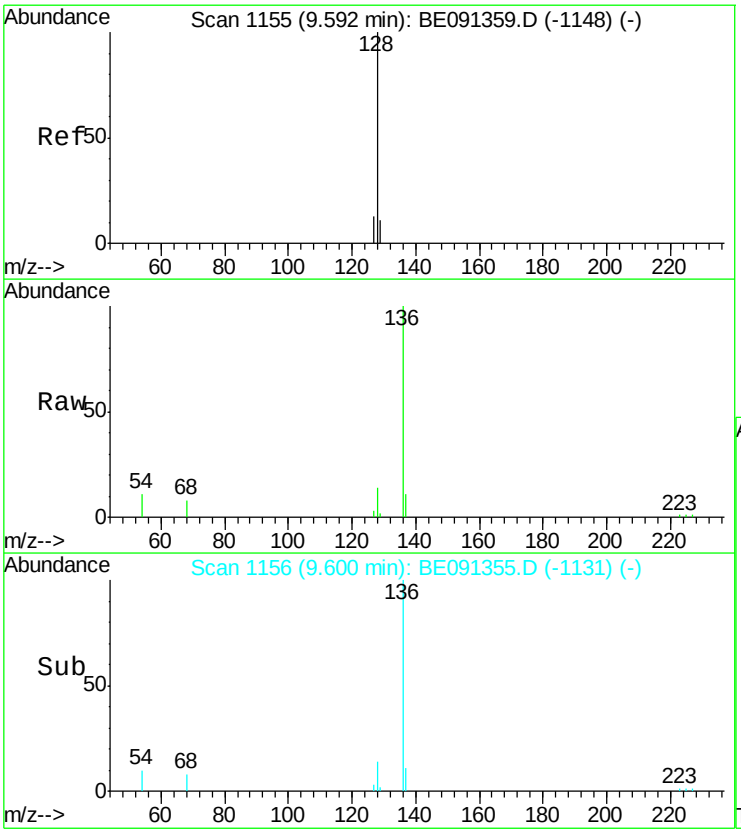
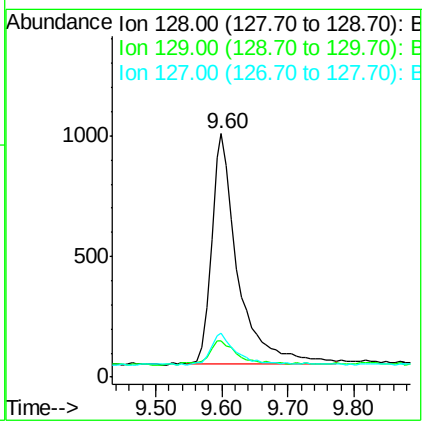
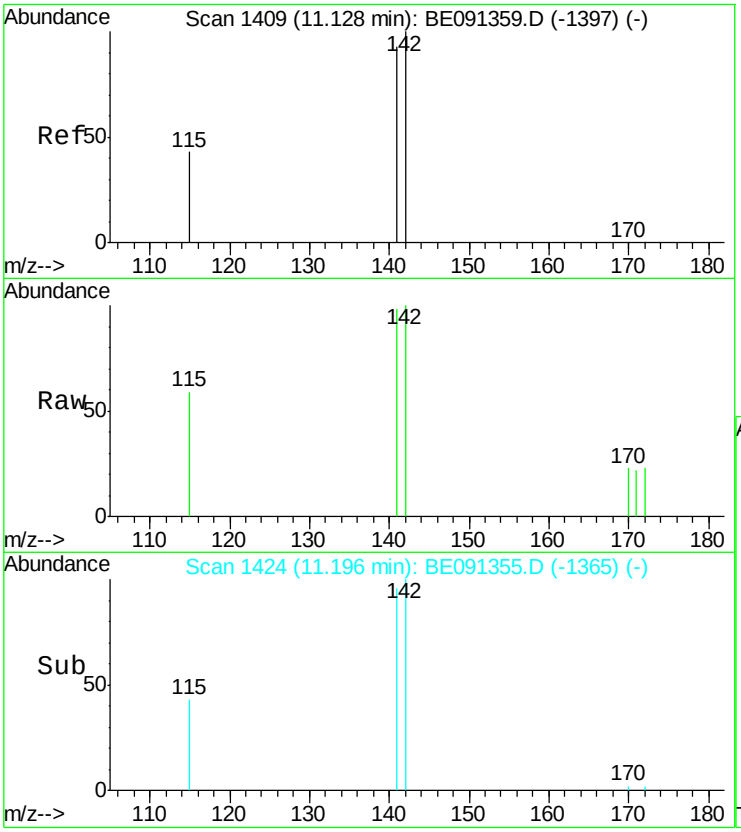


#6
Naphthalene
Concen: 0.10 ng
RT: 9.60 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:128 Resp: 2615

Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.3	13.9#
127	18.2	10.6	15.8#

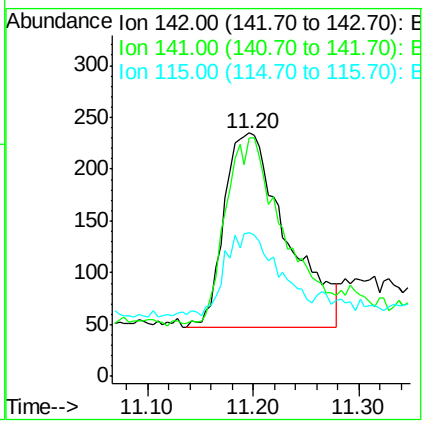




#7
2-Methylnaphthalene
Concen: 0.05 ng
RT: 11.20 min Scan# 1424
Delta R.T. 0.07 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:142 Resp: 759

Ion	Ratio	Lower	Upper
142	100		
141	97.9	74.5	111.7
115	59.1	35.2	52.8#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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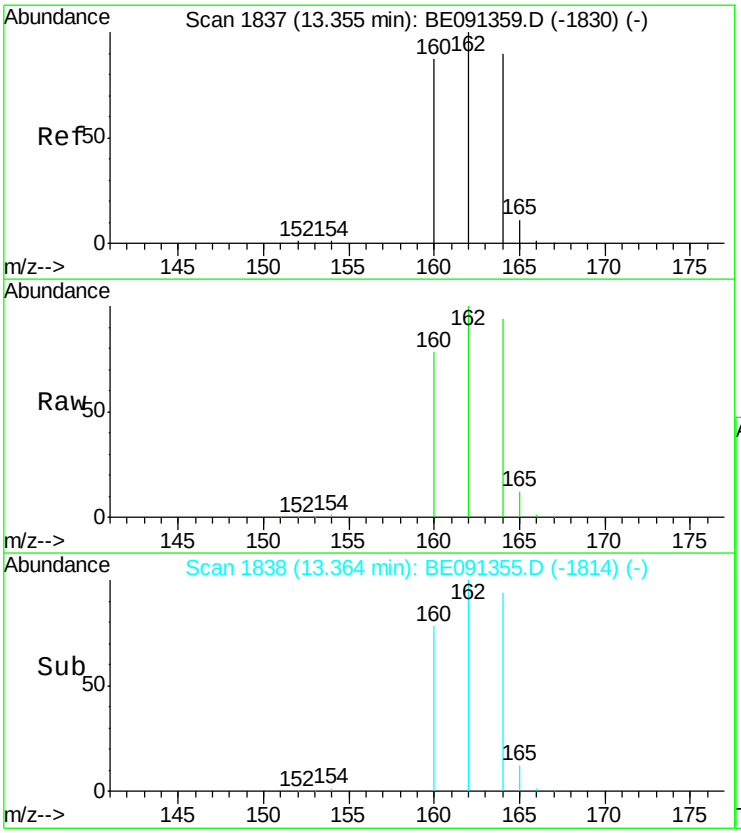
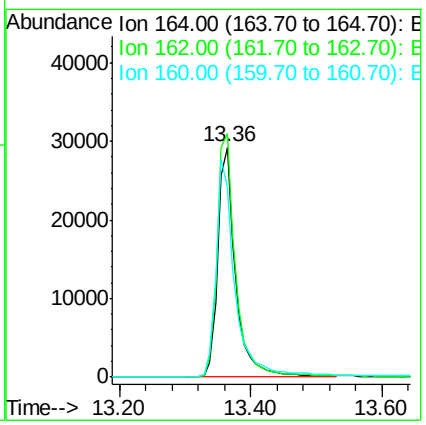
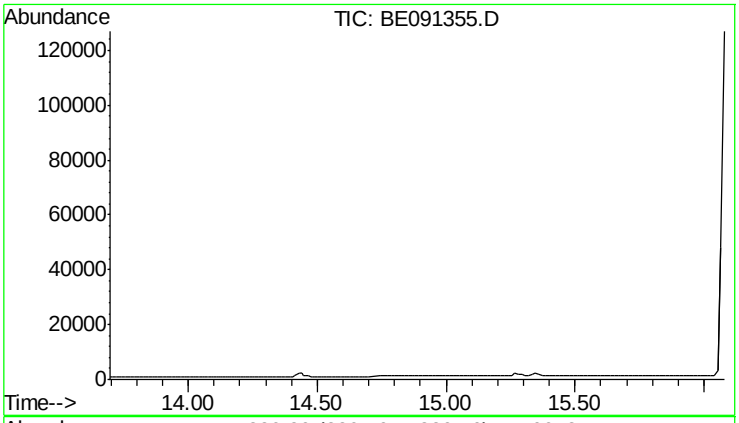


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.36 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:164 Resp: 54788

Ion	Ratio	Lower	Upper
164	100		
162	105.8	88.5	132.7
160	82.4	76.7	115.1





#9
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 14.89 min

Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	98.3
141	184.8

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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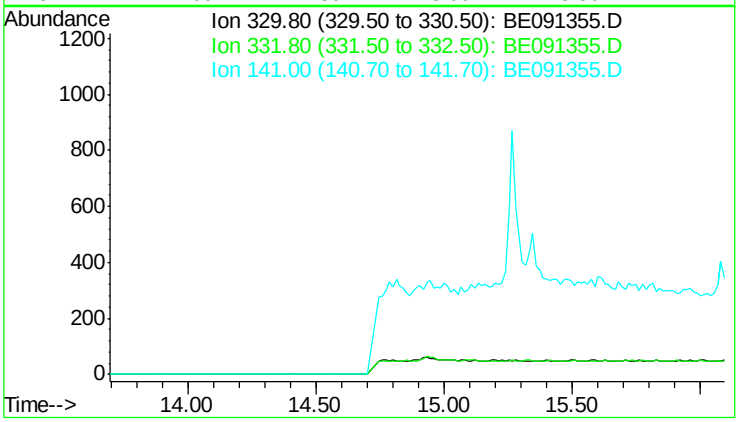
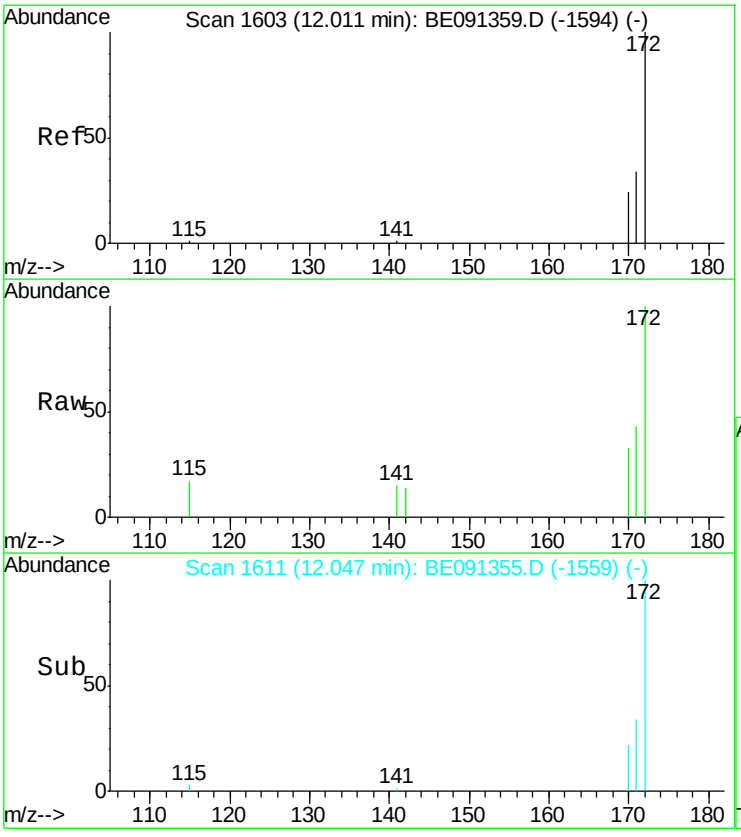
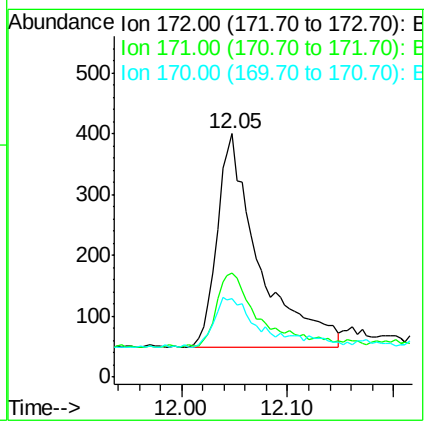


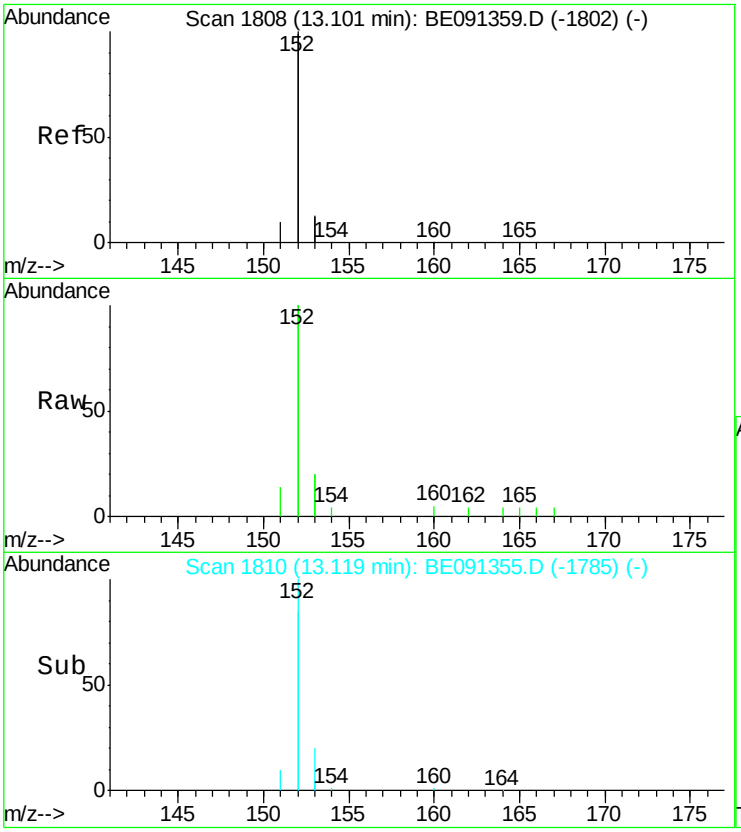


#10
2-Fluorobiphenyl
Concen: 0.07 ng
RT: 12.05 min Scan# 1611
Delta R.T. 0.04 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:172 Resp: 974

Ion	Ratio	Lower	Upper
172	100		
171	42.8	27.3	40.9#
170	32.5	19.8	29.6#

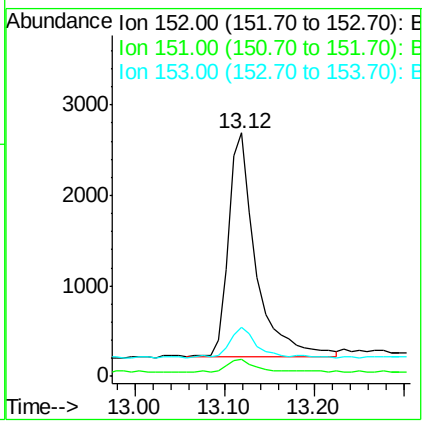




#11
Acenaphthylene
Concen: 0.06 ng
RT: 13.12 min Scan# 1810
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:152 Resp: 5306

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.6	10.1	15.1



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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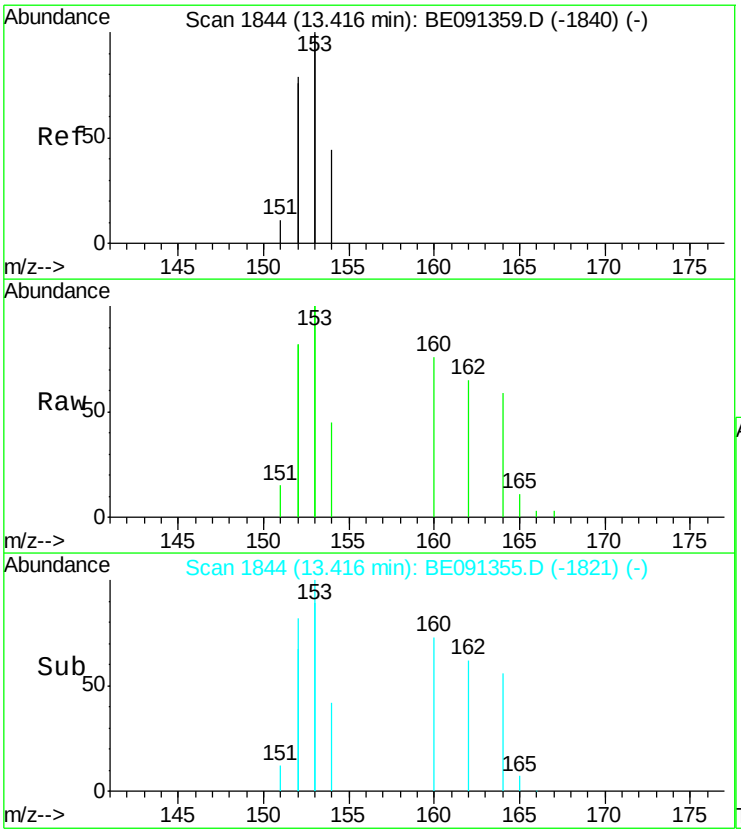
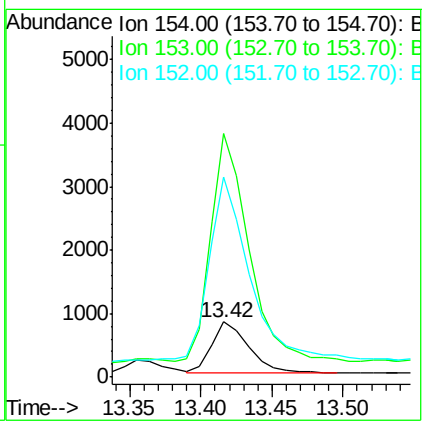
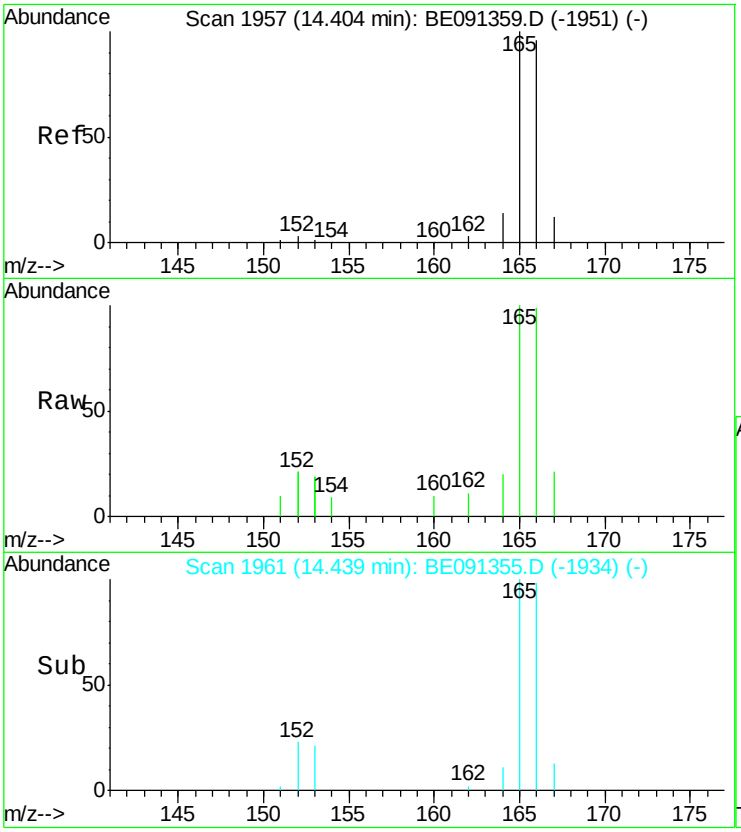


#12
Acenaphthene
Concen: 0.10 ng
RT: 13.42 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:154 Resp: 1482

Ion	Ratio	Lower	Upper
154	100		
153	456.5	370.2	555.4
152	413.4	310.5	465.7





#13
Fluorene
Concen: 0.07 ng
RT: 14.44 min Scan# 1961
Delta R.T. 0.04 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:166 Resp: 1335

Ion	Ratio	Lower	Upper
166	100		
165	107.4	83.0	124.6
167	14.2	11.1	16.7

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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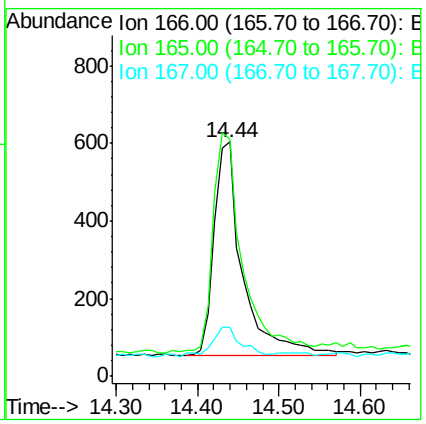
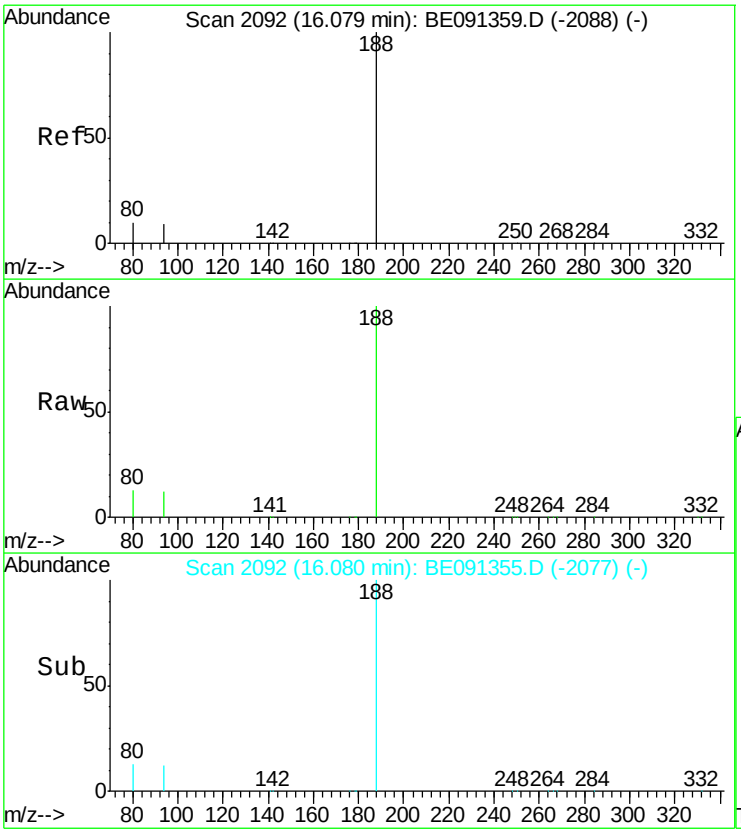
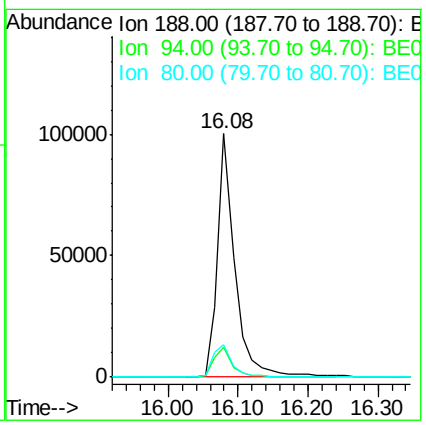


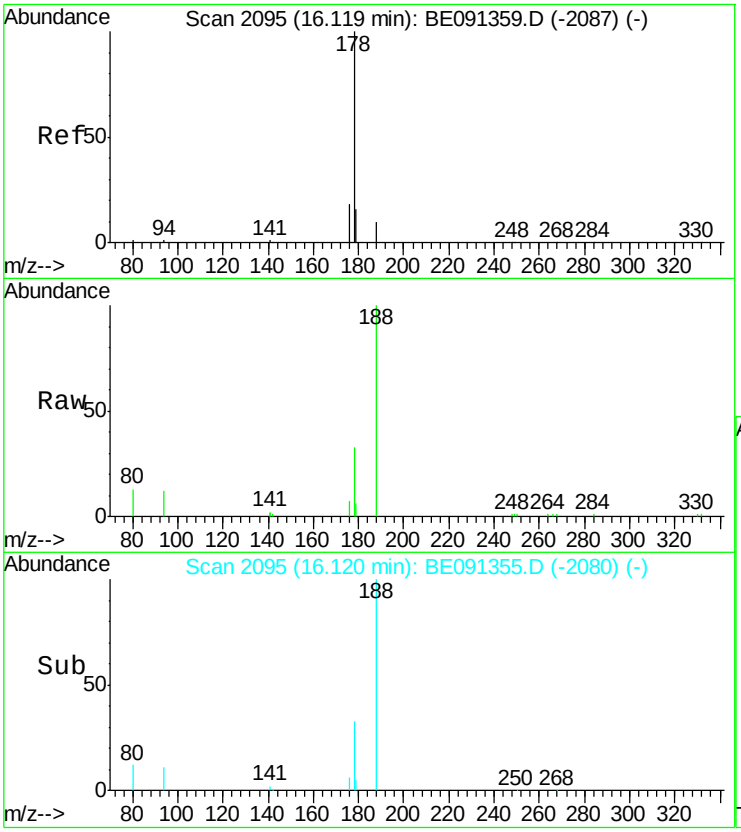


#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:188 Resp: 172832

Ion	Ratio	Lower	Upper
188	100		
94	12.0	7.5	11.3#
80	13.1	8.2	12.2#

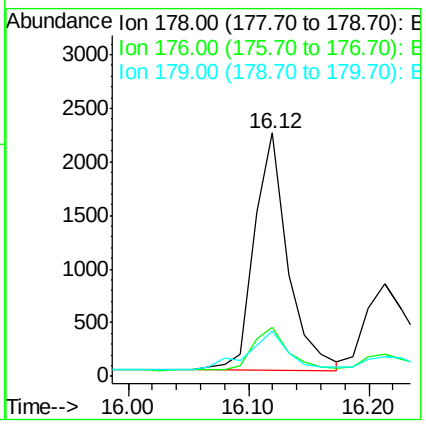




#15
Phenanthrene
Concen: 0.10 ng m
RT: 16.12 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:178 Resp: 4302

Ion	Ratio	Lower	Upper
178	100		
176	8.0	15.4	23.2#
179	5.8	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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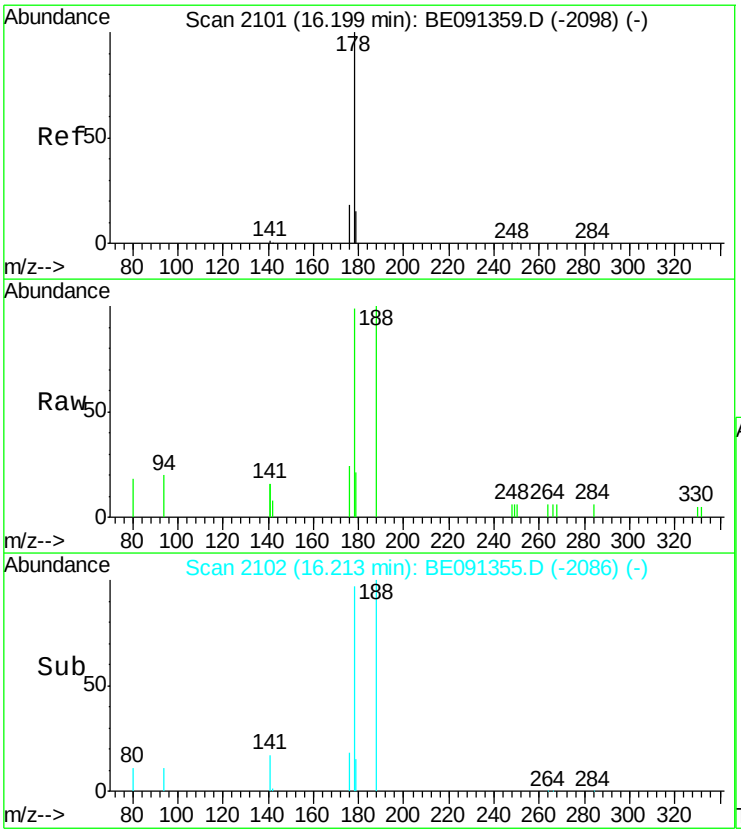
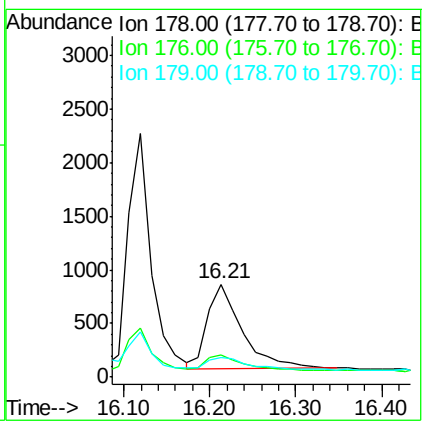
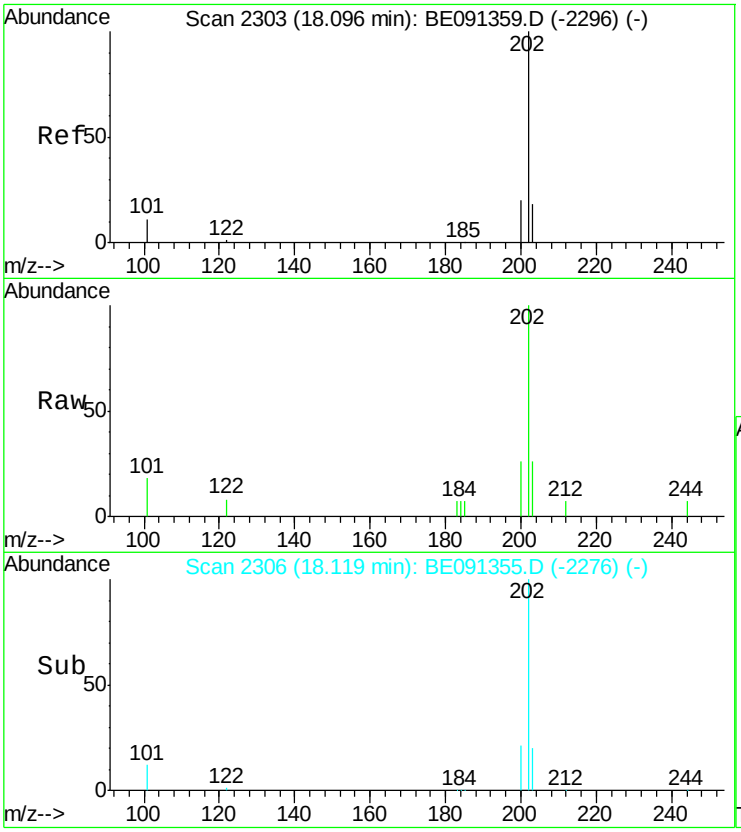


#16
Anthracene
Concen: 0.06 ng
RT: 16.21 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:178 Resp: 2219

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.6
179	18.6	12.4	18.6#





#17
Fluoranthene
Concen: 0.04 ng
RT: 18.12 min Scan# 2306
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:202 Resp: 1856

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.0	16.4
203	19.1	13.9	20.9

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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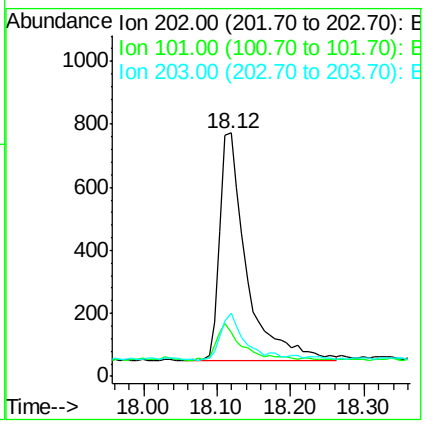
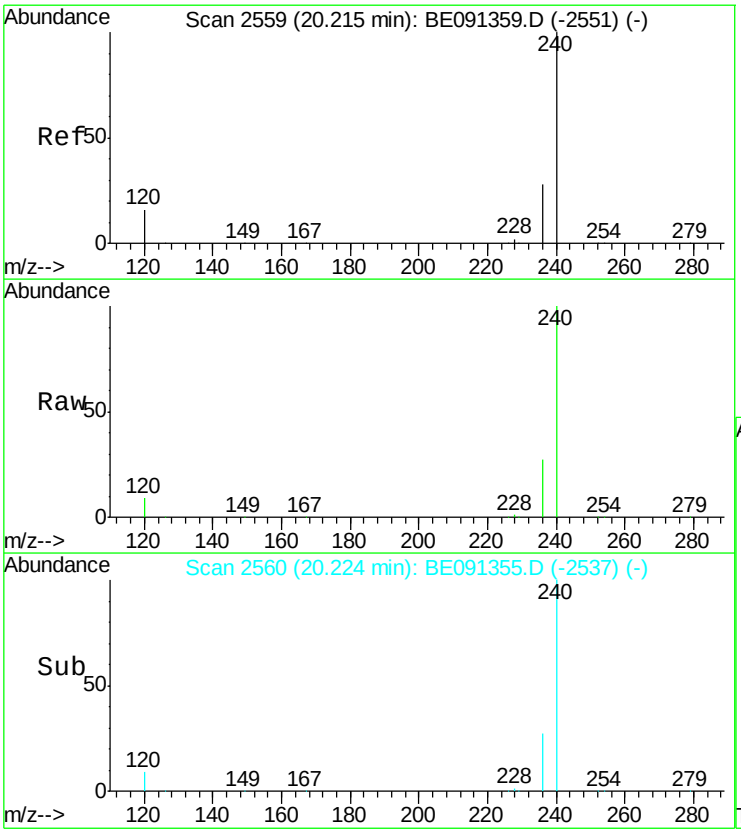
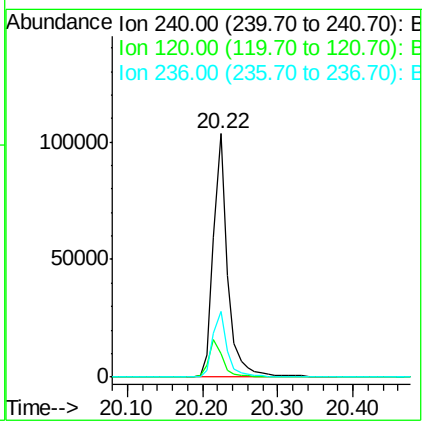


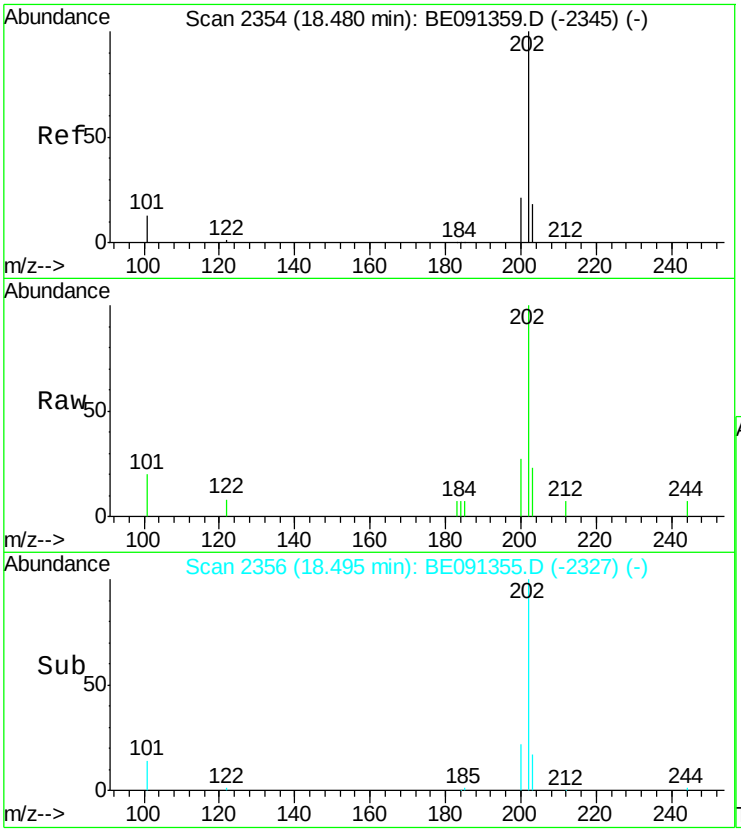


#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.22 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:240 Resp: 135891

Ion	Ratio	Lower	Upper
240	100		
120	9.4	12.6	19.0#
236	27.0	22.7	34.1

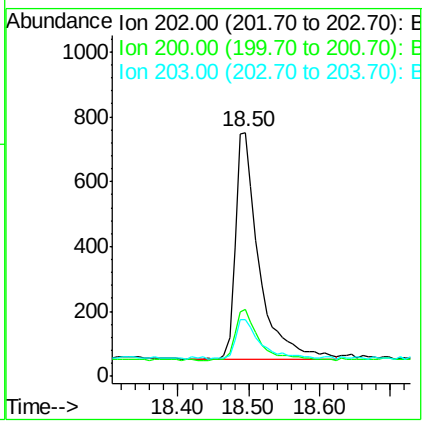




#19
Pyrene
Concen: 0.05 ng
RT: 18.50 min Scan# 2356
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:202 Resp: 1620

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	17.0	14.2	21.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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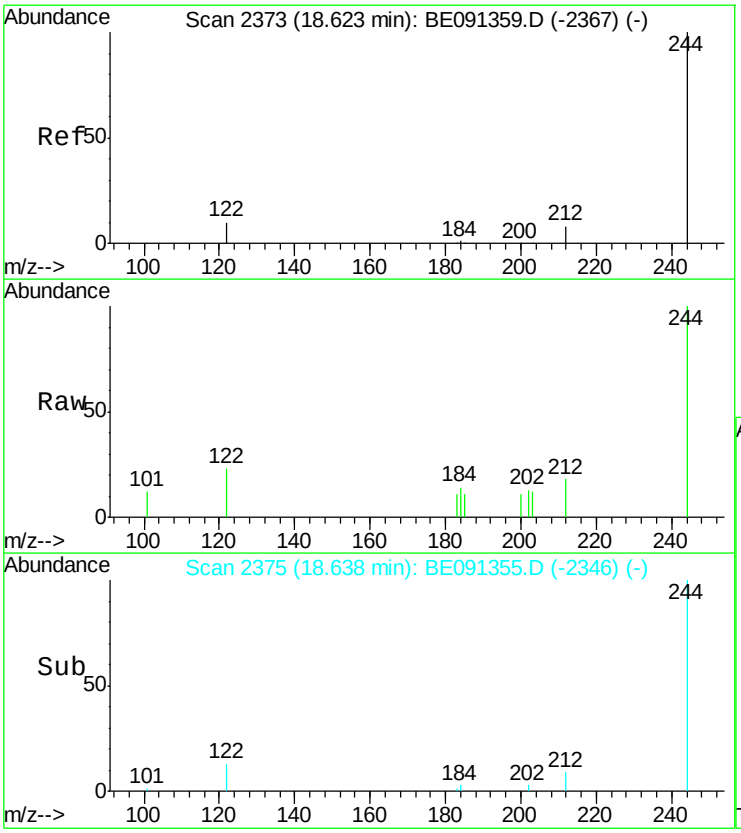
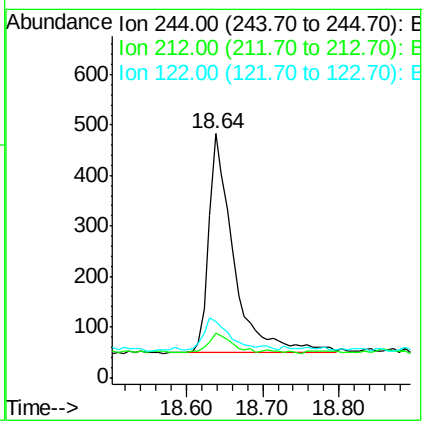
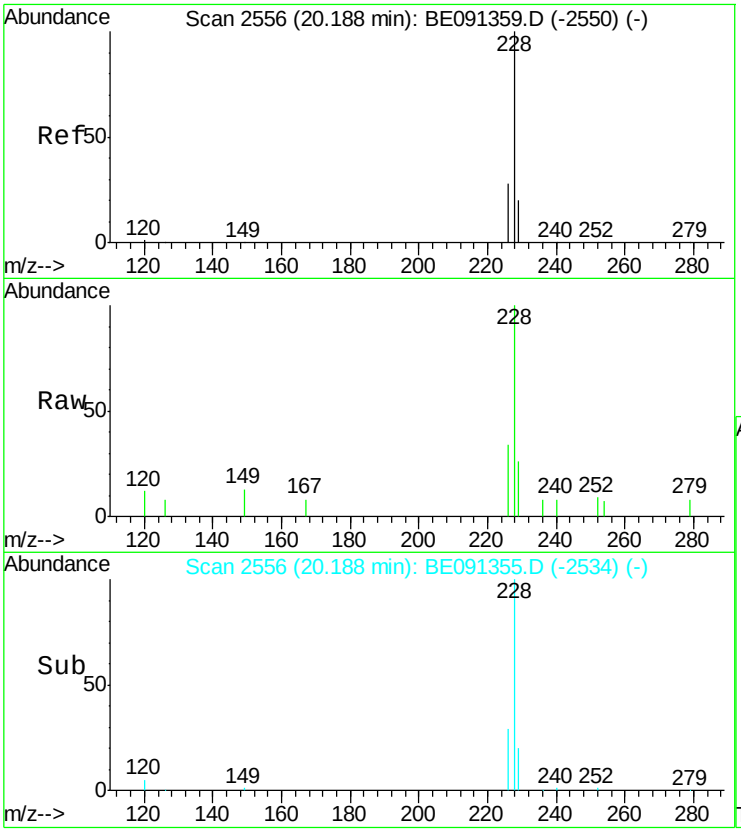


#20
Terphenyl-d14
Concen: 0.06 ng
RT: 18.64 min Scan# 2375
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:244 Resp: 982

Ion	Ratio	Lower	Upper
244	100		
212	18.0	7.0	10.4#
122	22.8	8.5	12.7#





#21
Benzo(a)anthracene
Concen: 0.06 ng m
RT: 20.19 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:228 Resp: 1867

Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.5	33.7#
229	25.5	16.2	24.4#

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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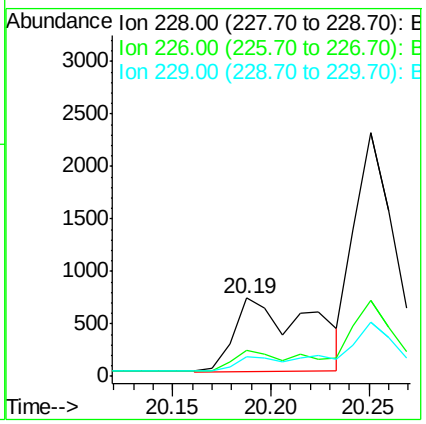
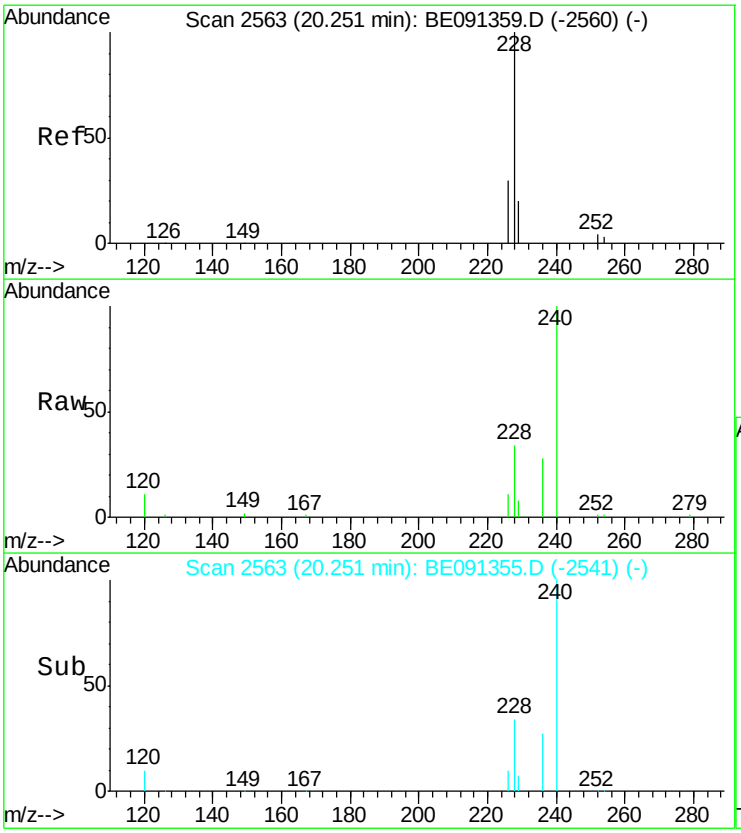
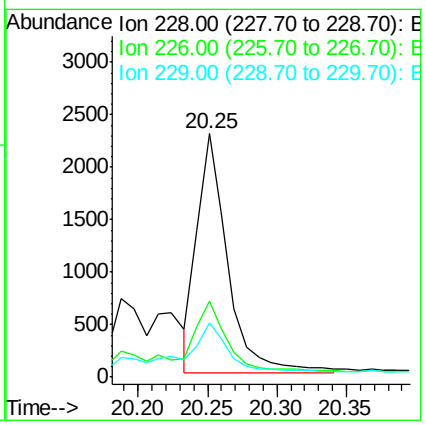


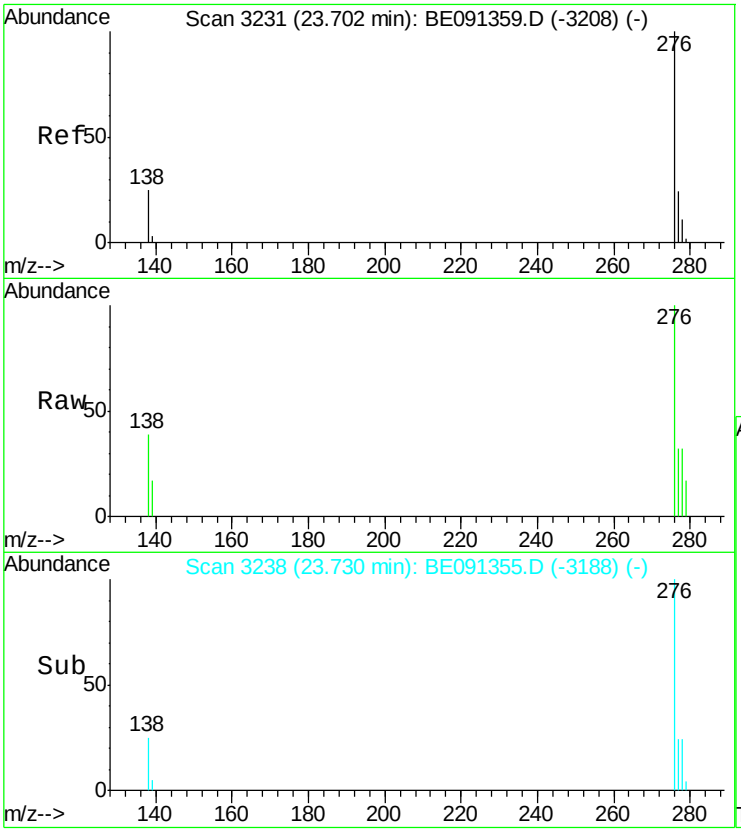


#22
Chrysene
Concen: 0.09 ng m
RT: 20.25 min Scan# 2563
Delta R.T. -0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:228 Resp: 3519

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.7	35.5
229	22.0	16.0	24.0





#23
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng m
RT: 23.73 min Scan# 3238
Delta R.T. 0.03 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:276 Resp: 1766

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.6	27.8#
277	0.0	16.5	24.7#

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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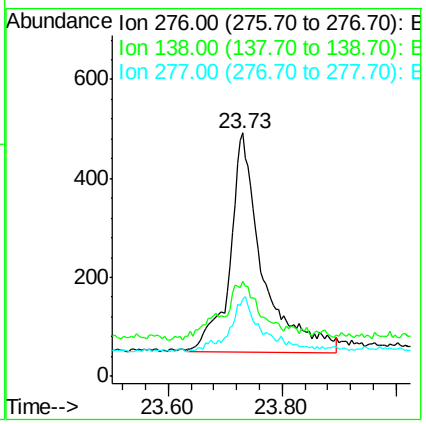
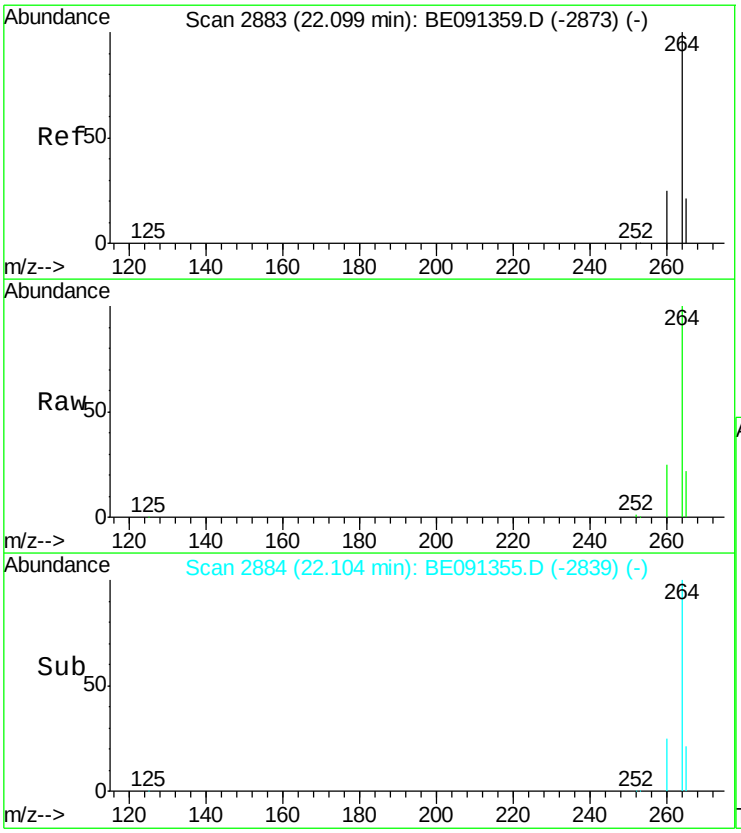
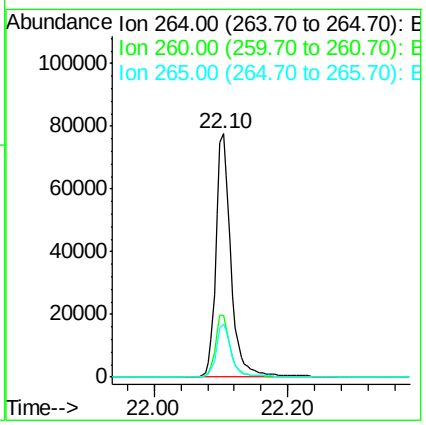


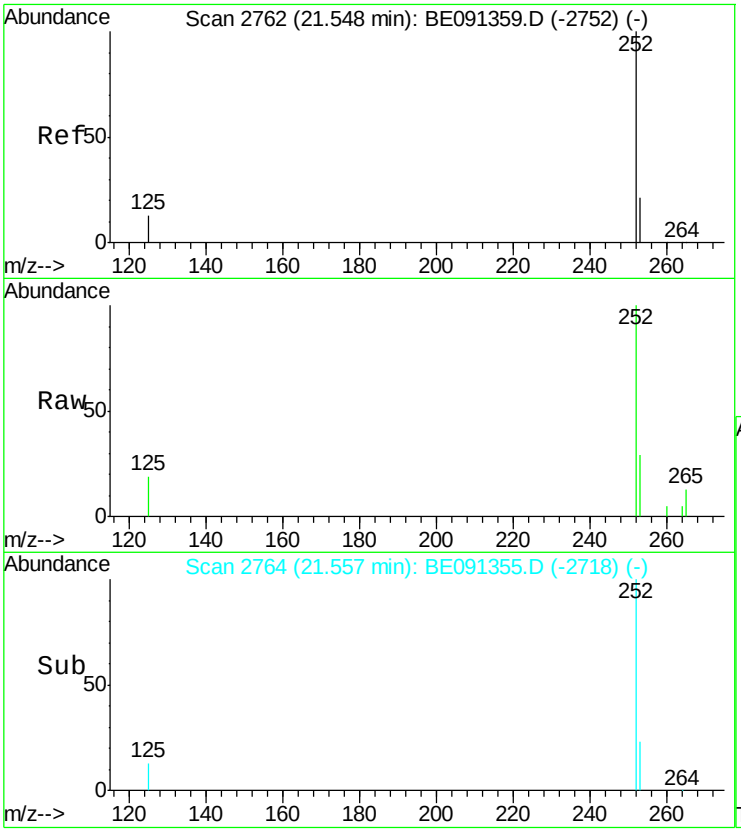


#24
Perylene-d12
Concen: 5.00 ng
RT: 22.10 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:264 Resp: 120311

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	21.6	17.2	25.8

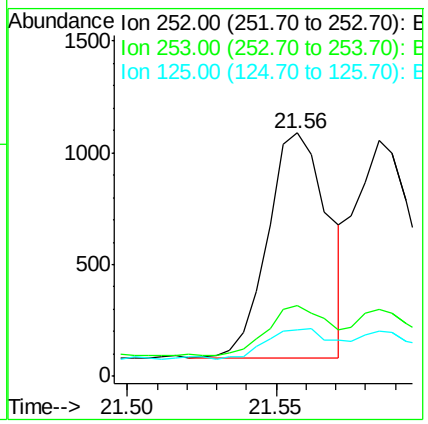




#25
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 21.56 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:252 Resp: 1411

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.4	26.2#
125	19.3	11.0	16.6#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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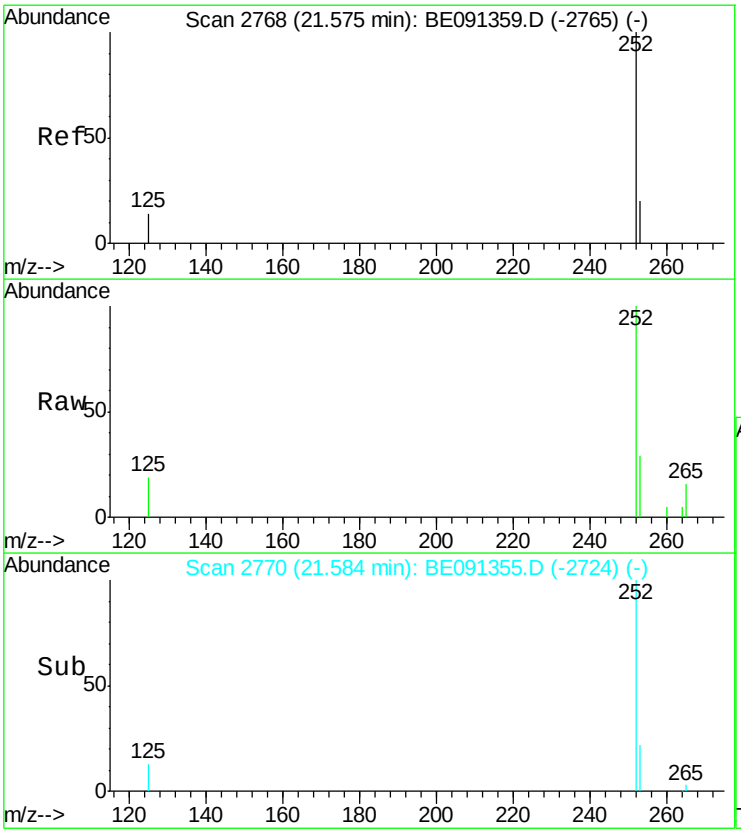
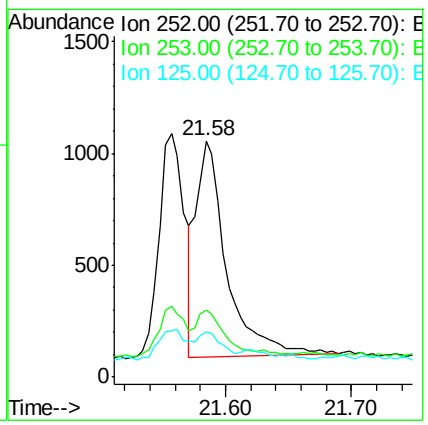
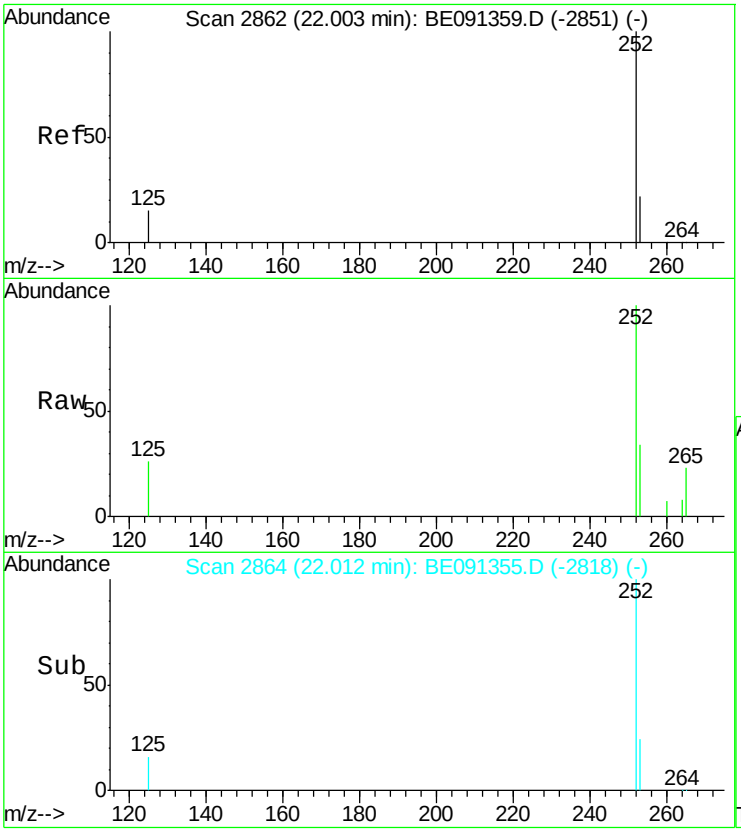


#26
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 21.58 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:252 Resp: 1615

Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.5	26.3#
125	19.3	11.3	16.9#





#27
Benzo(a)pyrene
Concen: 0.05 ng
RT: 22.01 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:252 Resp: 1280

Ion	Ratio	Lower	Upper
252	100		
253	33.9	18.1	27.1#
125	25.9	12.2	18.4#

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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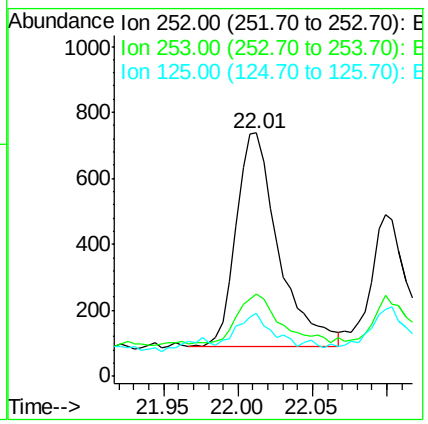
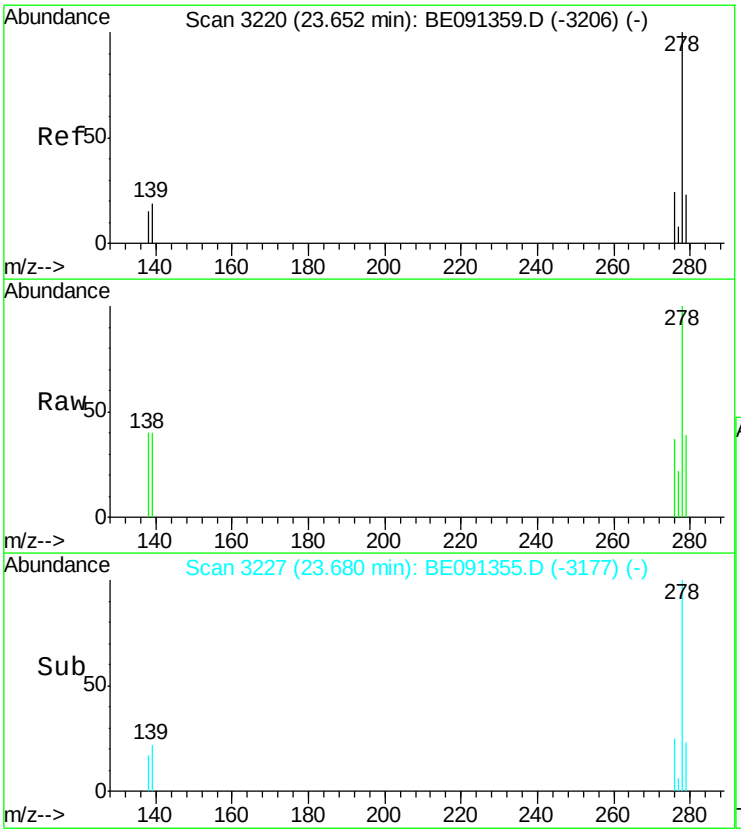
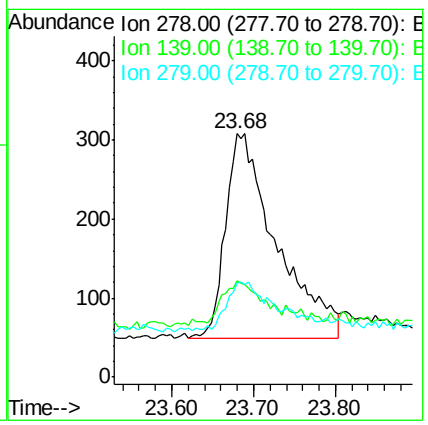


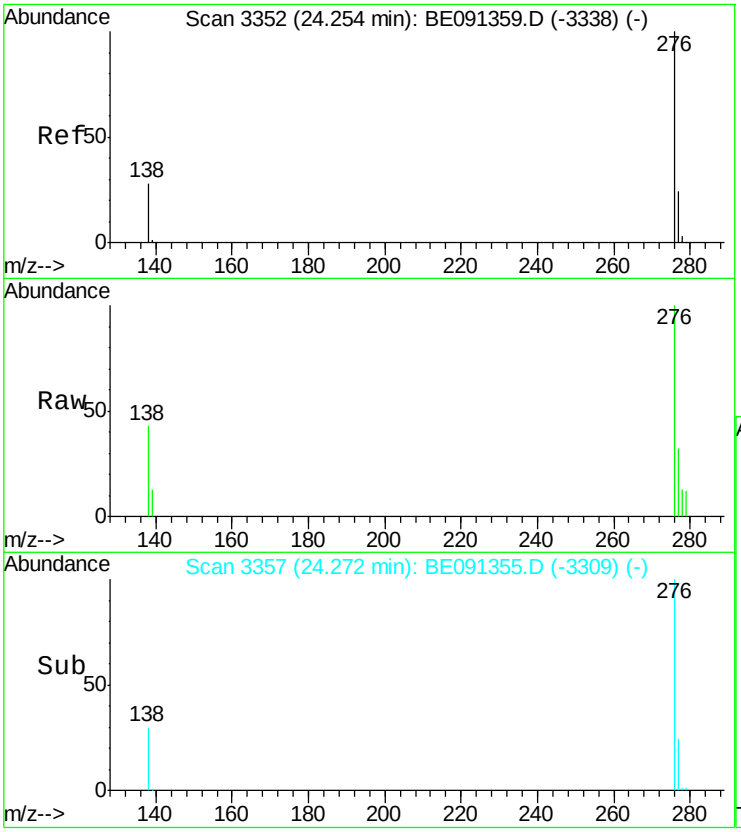


#28
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 23.68 min Scan# 3227
Delta R.T. 0.03 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:278 Resp: 1115

Ion	Ratio	Lower	Upper
278	100		
139	39.6	16.3	24.5#
279	38.6	19.4	29.2#

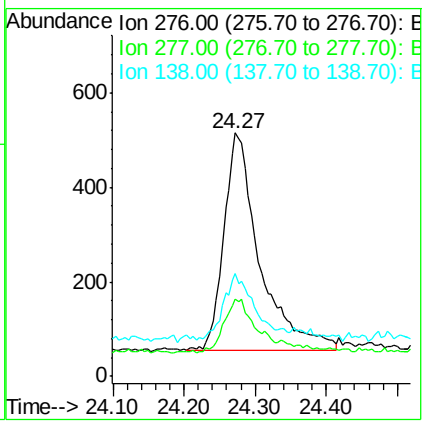




#29
Benzo(g,h,i)perylene
Concen: 0.06 ng
RT: 24.27 min Scan# 3357
Delta R.T. 0.02 min
Lab File: BE091355.D
Acq: 14 Jan 2016 17:47

Tgt Ion:276 Resp: 1604

Ion	Ratio	Lower	Upper
276	100		
277	31.8	19.8	29.6#
138	42.5	23.3	34.9#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

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