Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
Data File : BE091551.D
Acq On : 28 Mar 2016 23:31
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
Sohil
3/29/2016 5:05:58 PM

Quant Time: Mar 29 01:34:43 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 19:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	35579	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	181333	5.00	ng		0.00
10) Acenaphthene-d10	14.43	164	115910	5.00	ng		-0.01
16) Phenanthrene-d10	17.17	188	288352	5.00	ng		0.00
22) Chrysene-d12	21.33	240	310587	5.00	ng		0.00
28) Perylene-d12	23.78	264	324254	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	3275	0.47	ng		-0.02
5) Phenol-d6	6.97	99	4485	0.47	ng		-0.02
7) Nitrobenzene-d5	8.97	82	3631	0.46	ng		-0.01
11) 2,4,6-Tribromophenol	15.91	330	1099m	0.56	ng		-0.01
12) 2-Fluorobiphenyl	13.06	172	12673	0.39	ng		-0.01
24) Terphenyl-d14	19.78	244	20377	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1987	0.42	ng		94
3) n-Nitrosodimethylamine	3.66	42	1889	0.45	ng		96
8) Naphthalene	10.63	128	14619	0.40	ng		99
9) 2-Methylnaphthalene	12.25	142	9528	0.42	ng	#	88
13) Acenaphthylene	14.15	152	17713	0.44	ng		95
14) Acenaphthene	14.49	154	11809	0.41	ng		98
15) Fluorene	15.47	166	13940	0.40	ng		100
17) Hexachlorobenzene	16.46	284	4133	0.41	ng		97
18) Pentachlorophenol	16.81	266	1479	0.58	ng		98
19) Phenanthrene	17.21	178	26243	0.40	ng		100
20) Anthracene	17.30	178	23000	0.42	ng		100
21) Fluoranthene	19.21	202	27657	0.45	ng		99
23) Pyrene	19.57	202	29726	0.41	ng		97
25) Benzo(a)anthracene	21.31	228	30762	0.43	ng	#	86
26) Chrysene	21.36	228	37332m	0.40	ng		
27) Indeno(1,2,3-cd)pyrene	26.35	276	32929	0.45	ng		99
29) Benzo(b)fluoranthene	23.02	252	29875	0.41	ng		98
30) Benzo(k)fluoranthene	23.08	252	30141	0.42	ng		97
31) Benzo(a)pyrene	23.67	252	28845	0.59	ng		98
32) Dibenzo(a,h)anthracene	26.37	278	26866	0.42	ng		99
33) Benzo(g,h,i)perylene	27.15	276	27782	0.42	ng		99

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

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Instrument :
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ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
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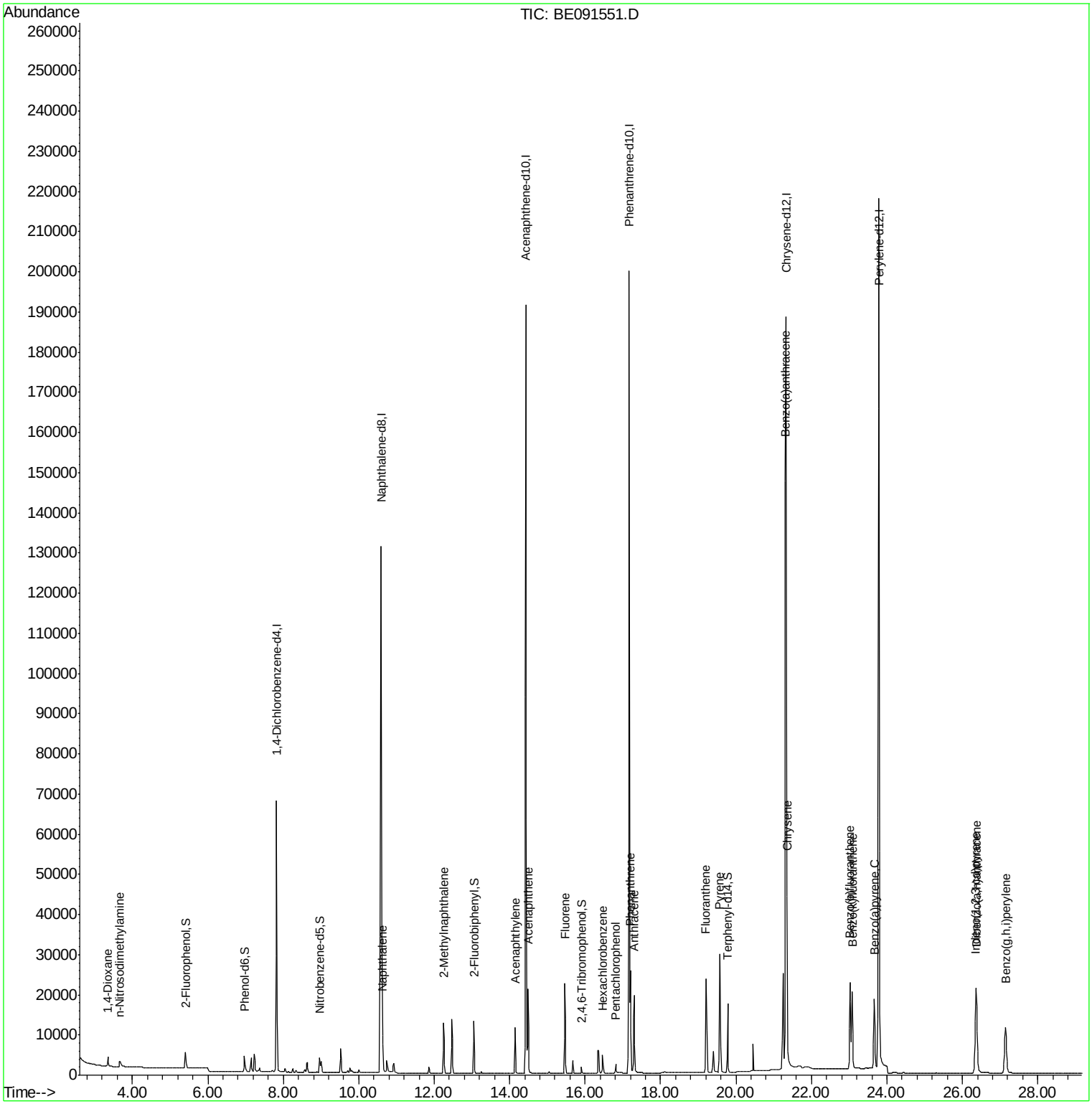
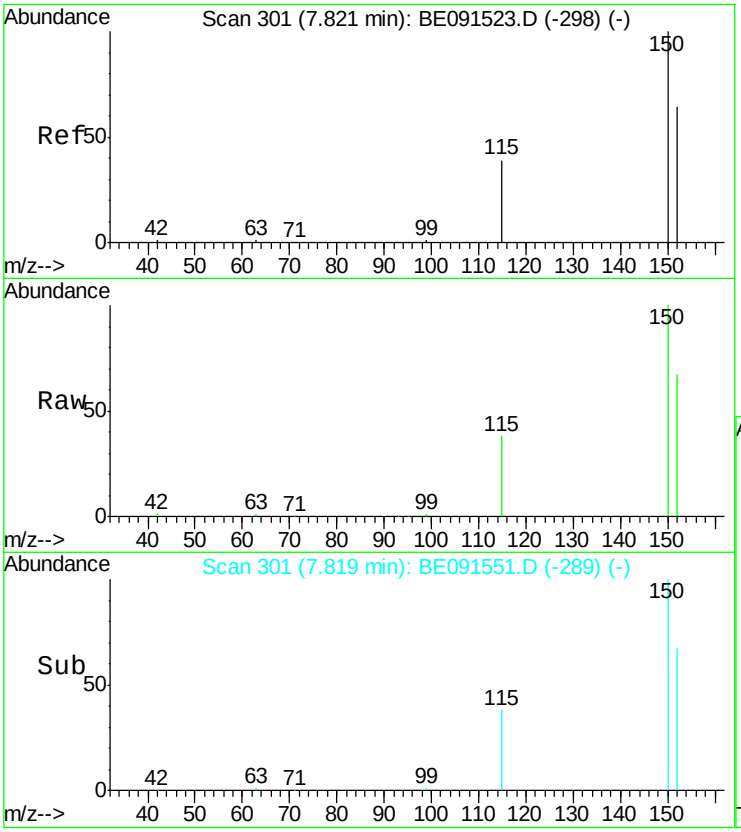
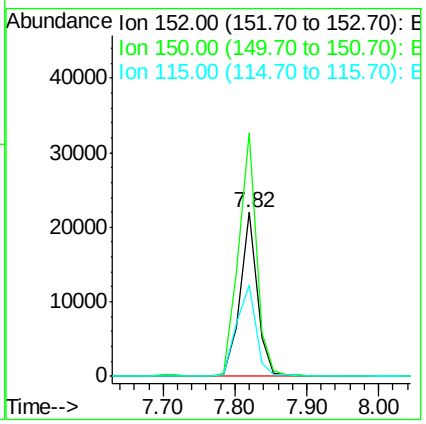




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:152 Resp: 35579

Ion	Ratio	Lower	Upper
152	100		
150	148.3	122.2	183.2
115	56.0	45.9	68.9



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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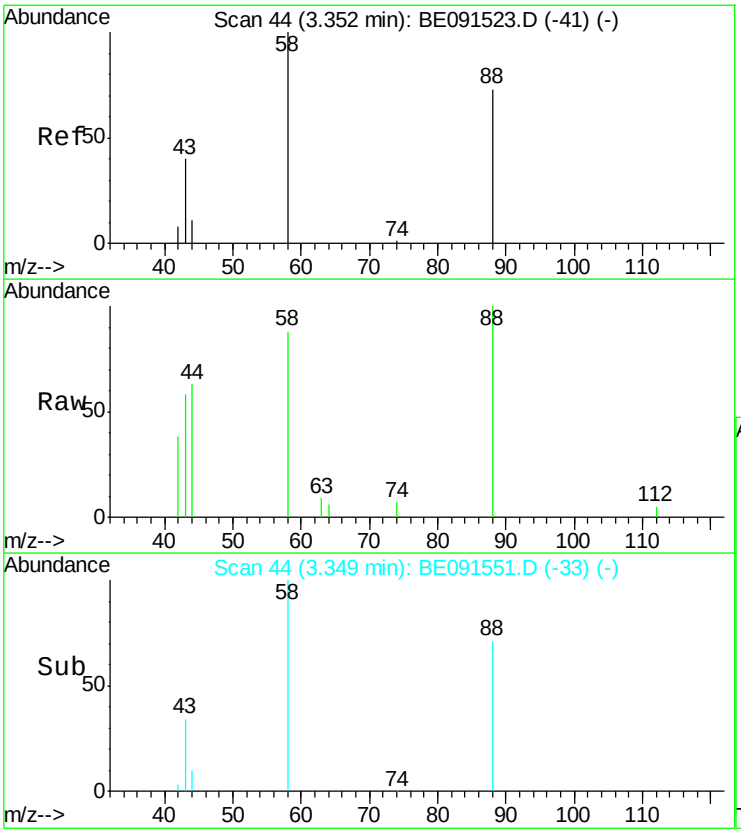
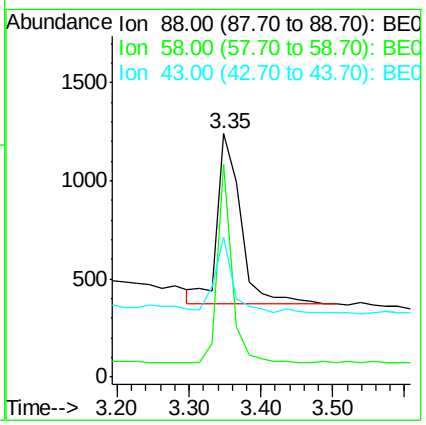
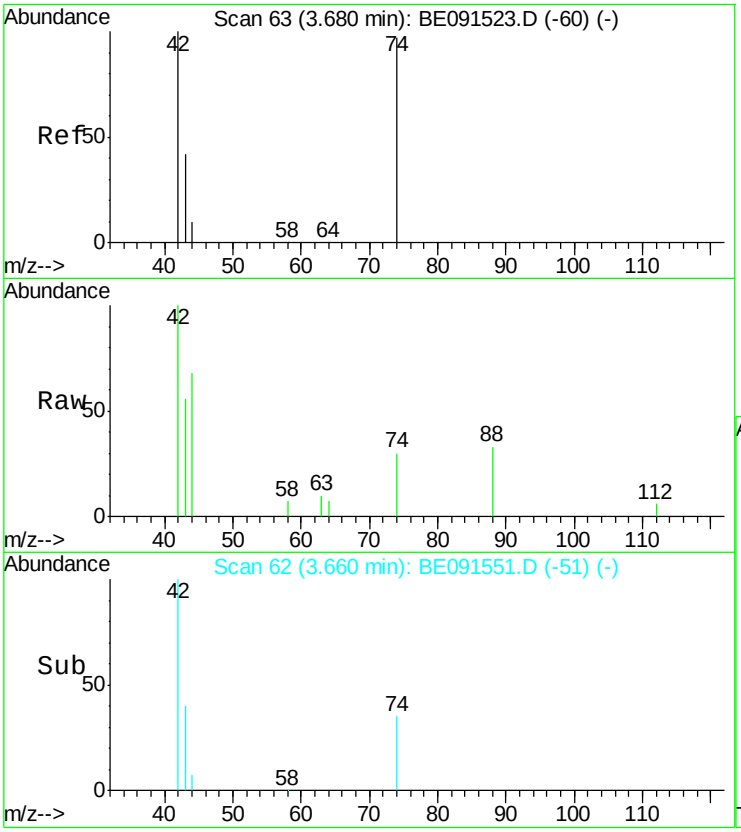


#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion: 88 Resp: 1987

Ion	Ratio	Lower	Upper
88	100		
58	70.5	61.0	91.6
43	34.1	25.4	38.2

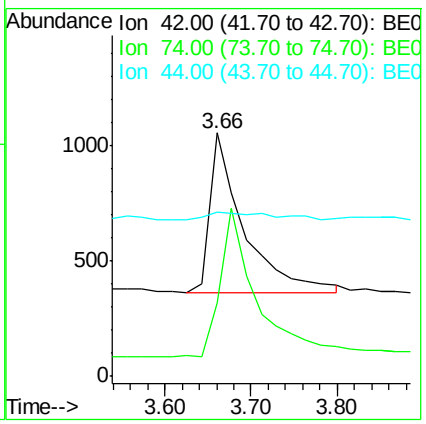




#3
n-Nitrosodimethylamine
Concen: 0.45 ng
RT: 3.66 min Scan# 62
Delta R.T. -0.02 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion: 42 Resp: 1889

Ion	Ratio	Lower	Upper
42	100		
74	101.4	84.3	126.5
44	10.1	6.7	10.1



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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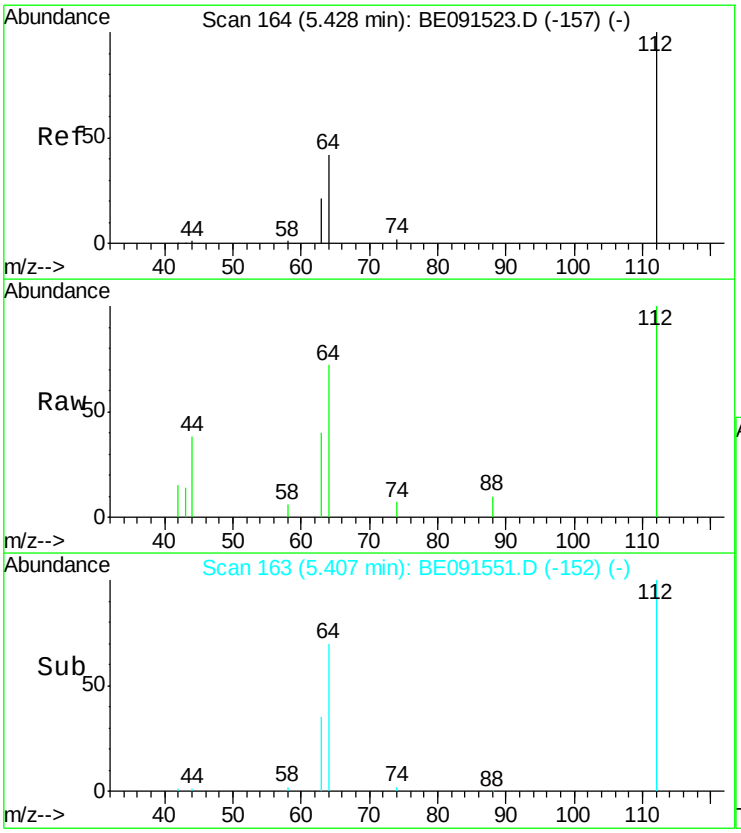
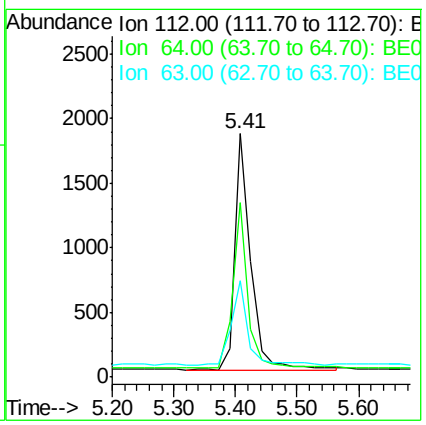
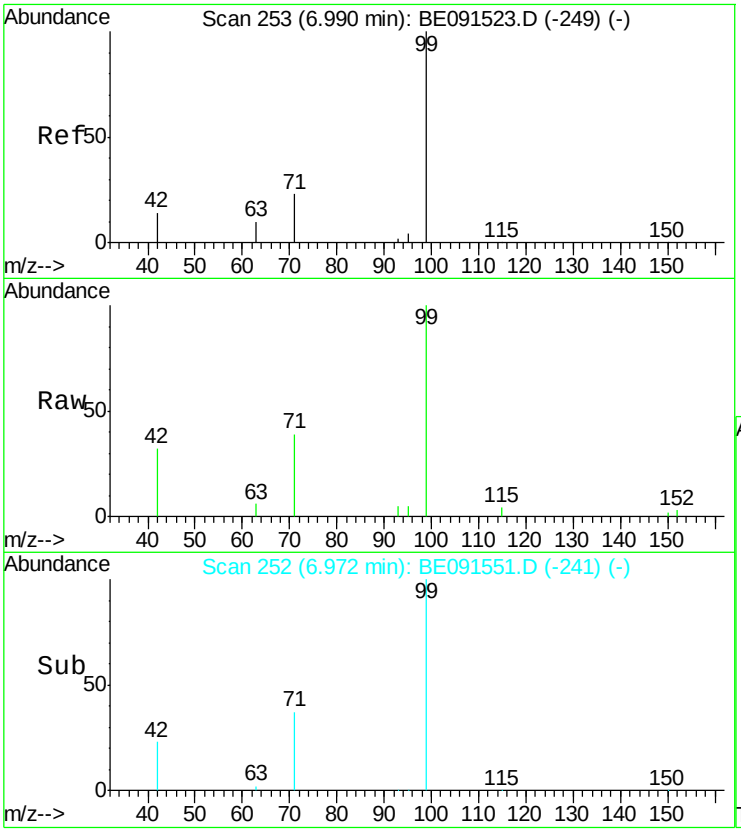


#4
2-Fluorophenol
Concen: 0.47 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:112 Resp: 3275

Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.3	79.9
63	38.2	29.8	44.8

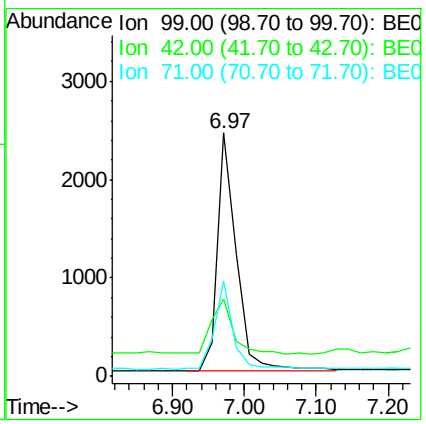




#5
Phenol-d6
Concen: 0.47 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion: 99 Resp: 4485

Ion	Ratio	Lower	Upper
99	100		
42	26.1	20.6	30.8
71	36.1	29.0	43.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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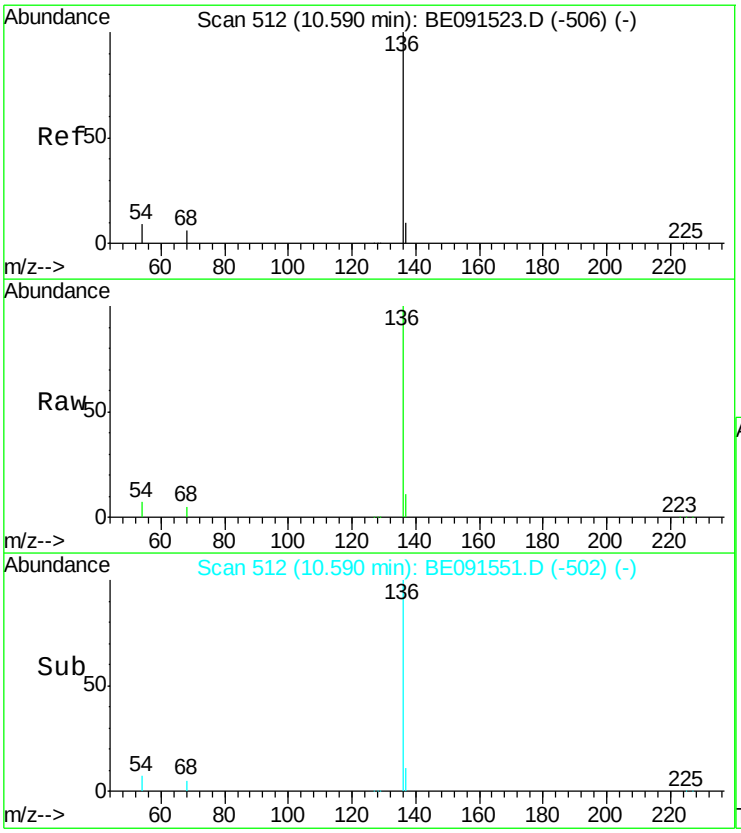
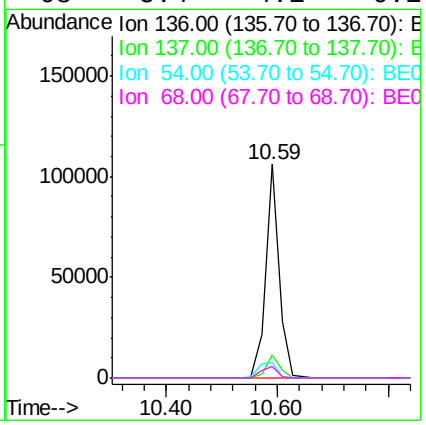
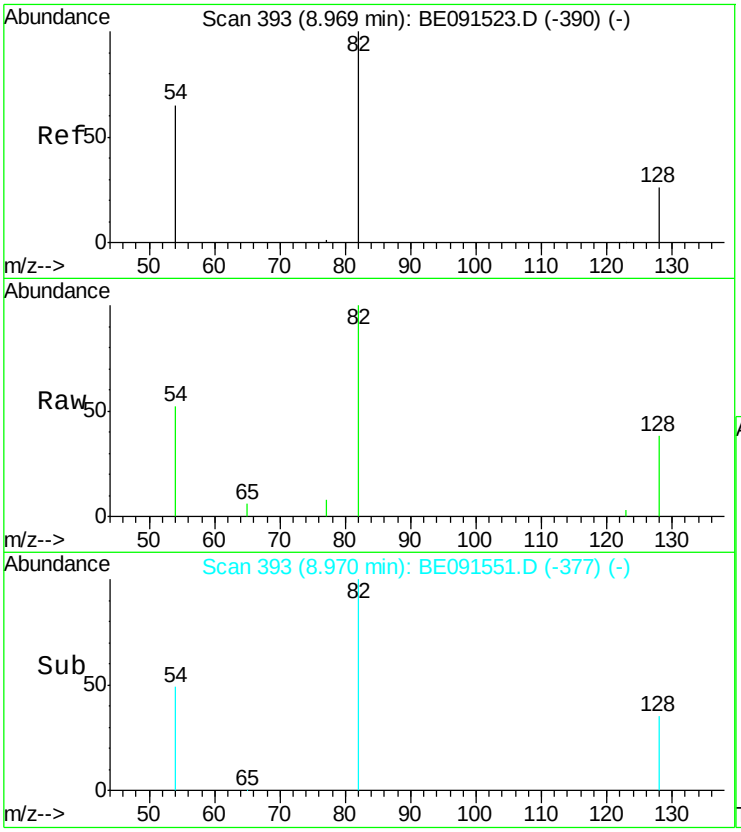


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:136 Resp: 181333

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.2	7.8
68	5.4	4.1	6.1

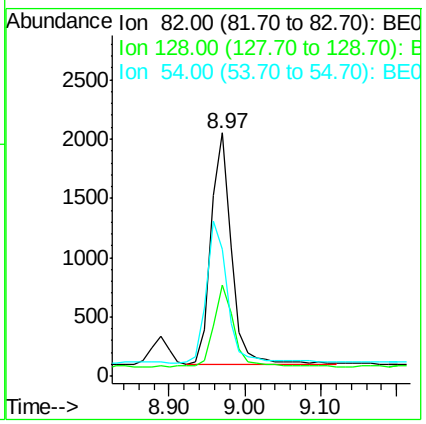




#7
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.97 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion: 82 Resp: 3631

Ion	Ratio	Lower	Upper
82	100		
128	37.7	23.5	35.3#
54	52.5	52.4	78.6



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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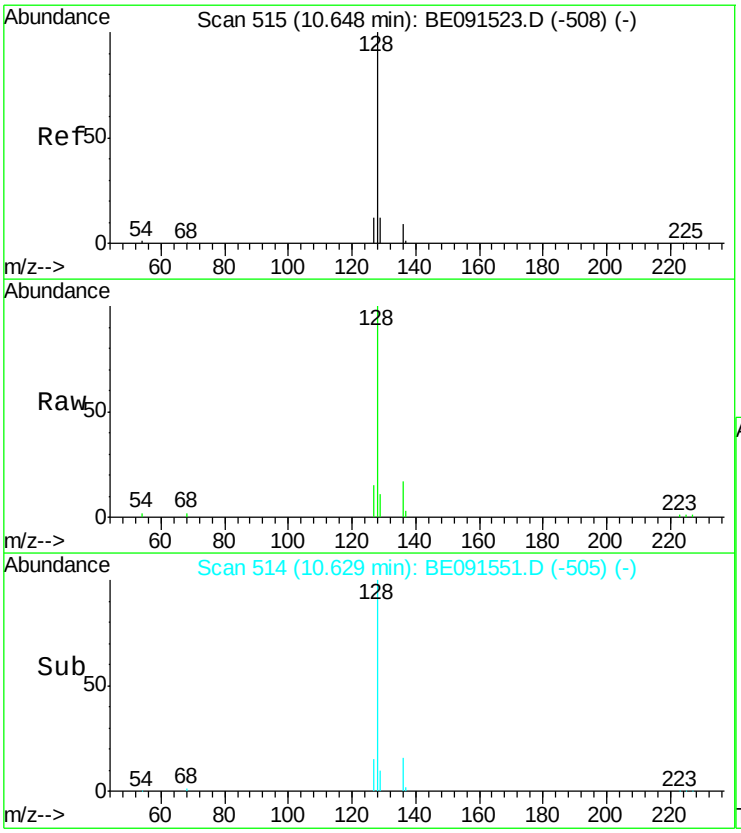
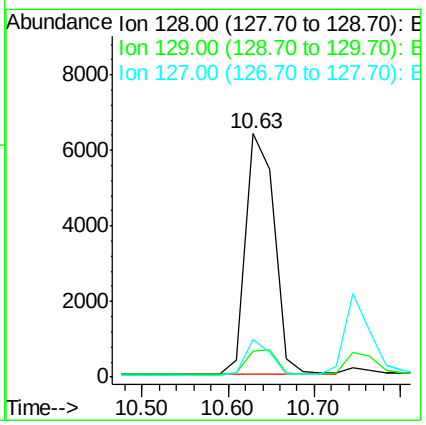
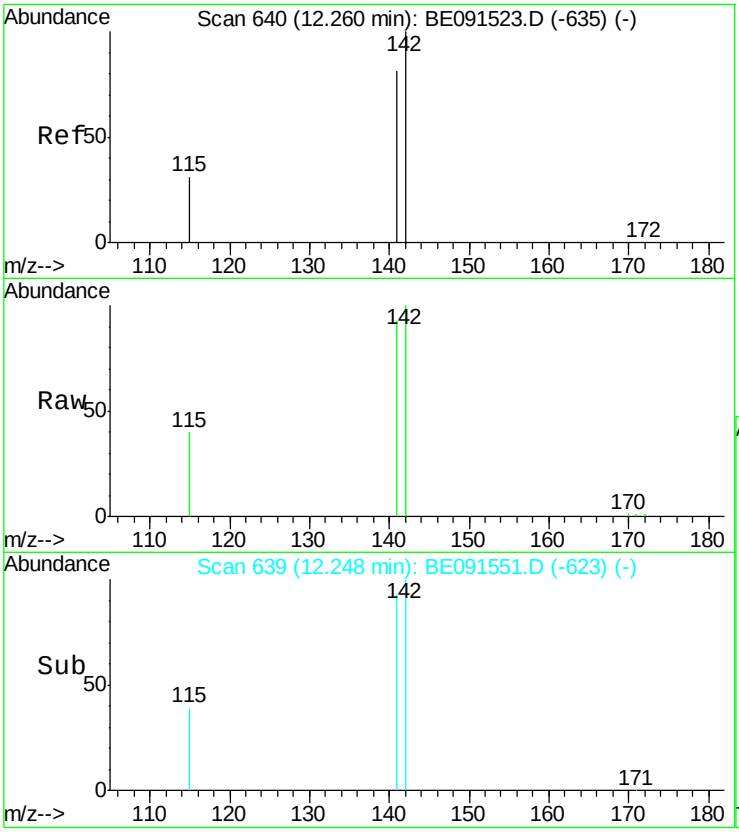


#8
Naphthalene
Concen: 0.40 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.02 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:128 Resp: 14619

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.2	12.2
127	15.3	11.8	17.8

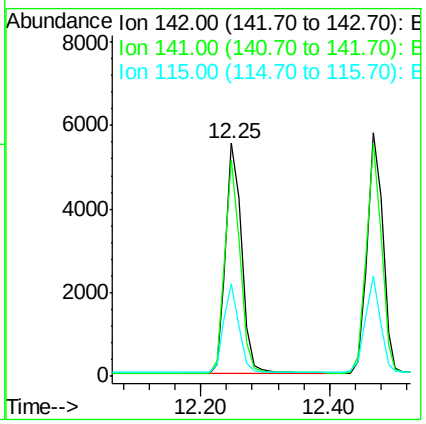




#9
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.25 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:142 Resp: 9528

Ion	Ratio	Lower	Upper
142	100		
141	93.0	66.9	100.3
115	39.8	25.1	37.7#



Instrument :
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ClientSampleId :
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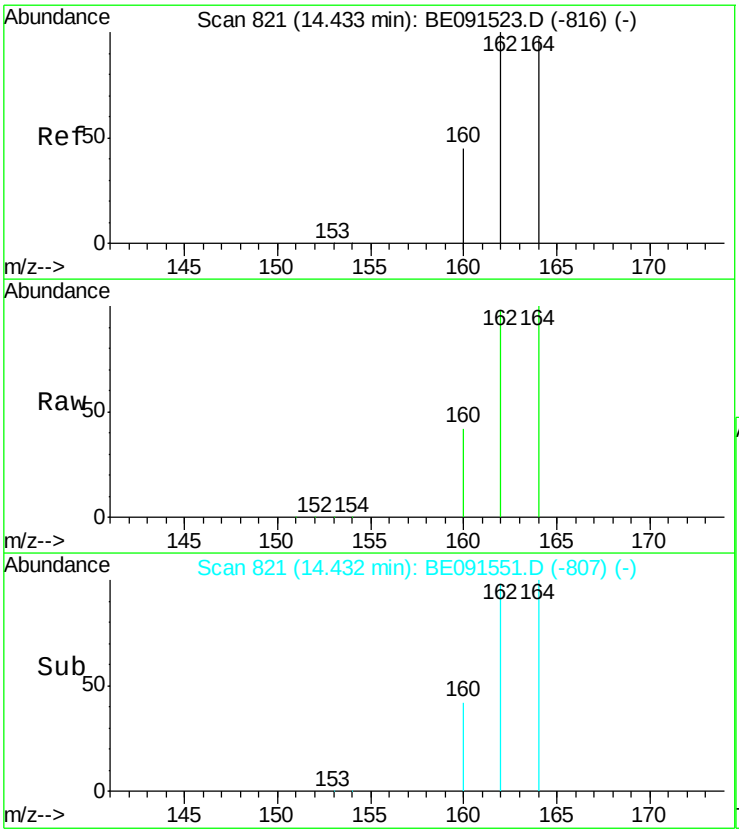
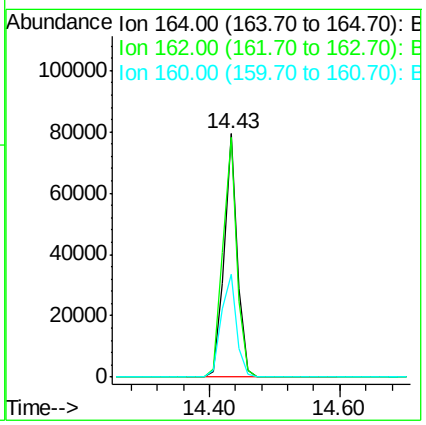
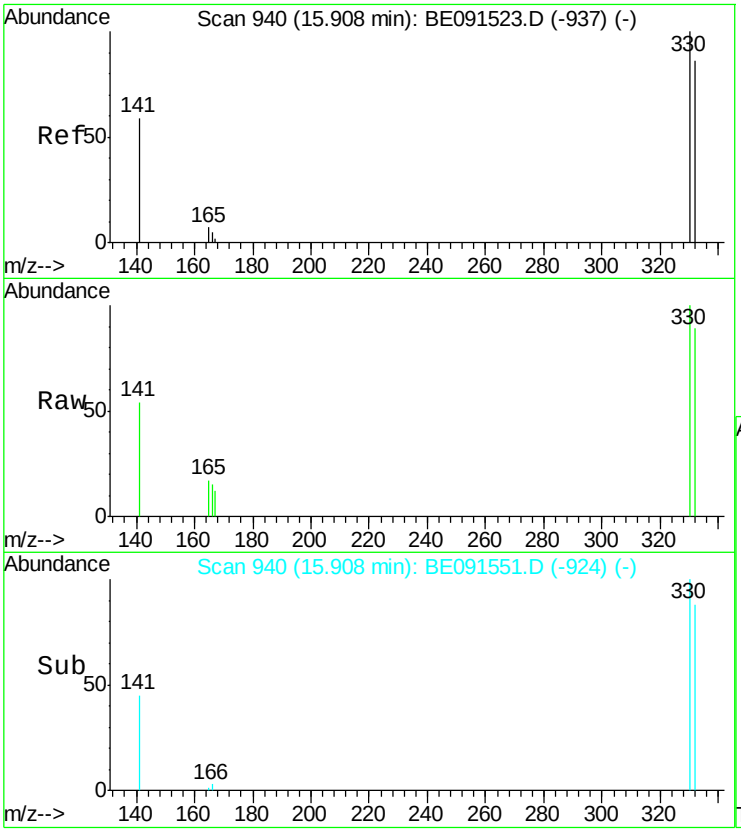


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.43 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:164 Resp: 115910

Ion	Ratio	Lower	Upper
164	100		
162	98.4	84.4	126.6
160	42.3	37.7	56.5





#11
2,4,6-Tribromophenol
Concen: 0.56 ng m
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:330 Resp: 1099

Ion	Ratio	Lower	Upper
330	100		
332	149.2	79.2	118.8#
141	46.2	28.1	42.1#

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
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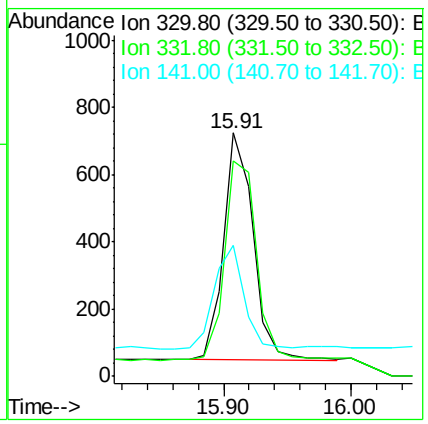
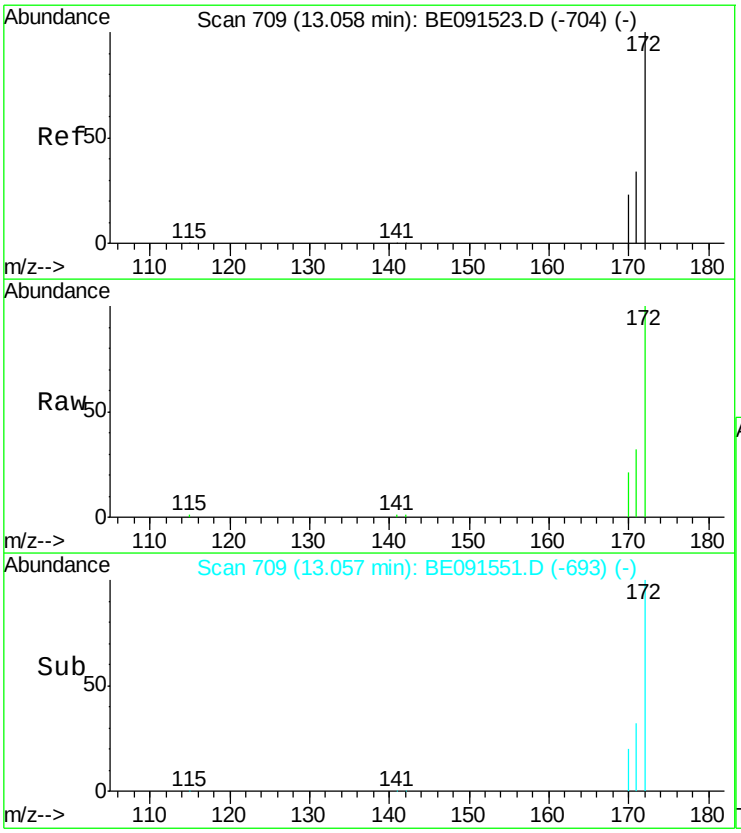
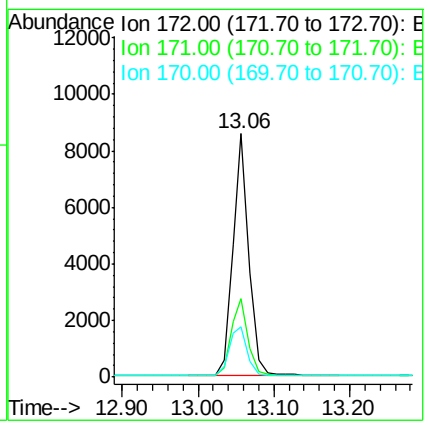


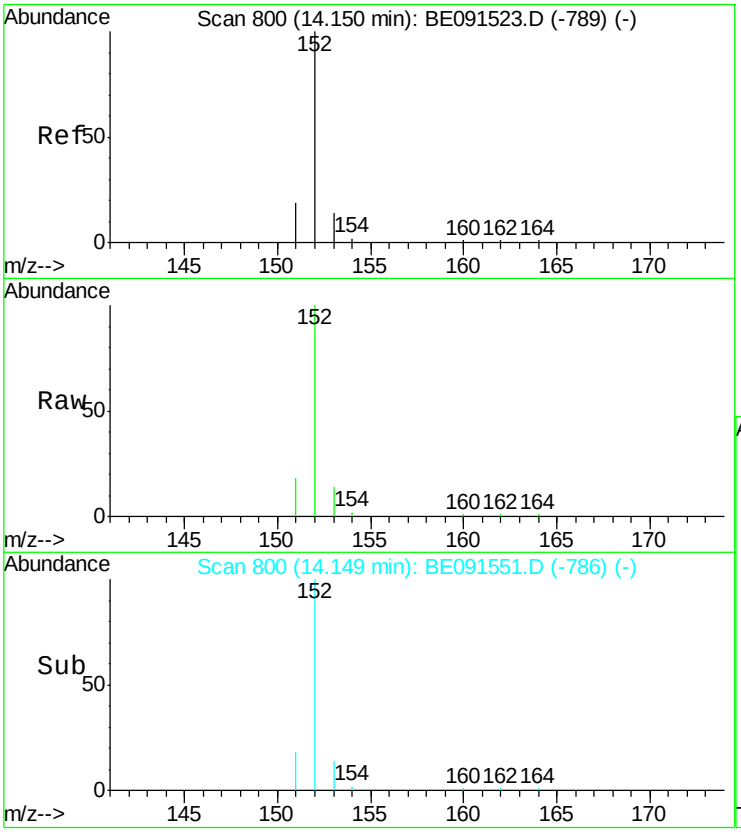


#12
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.06 min Scan# 709
Delta R.T. -0.01 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:172 Resp: 12673

Ion	Ratio	Lower	Upper
172	100		
171	32.4	29.8	44.8
170	20.8	21.4	32.2#

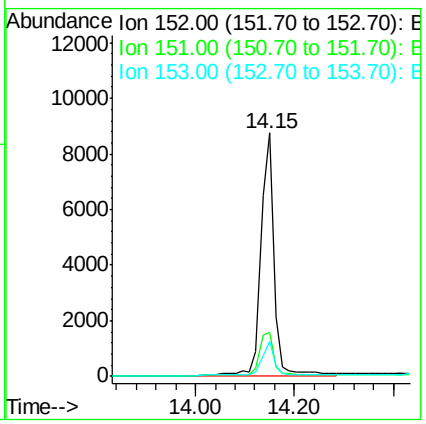




#13
Acenaphthylene
Concen: 0.44 ng
RT: 14.15 min Scan# 800
Delta R.T. 0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:152 Resp: 17713

Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.3	24.5
153	12.7	11.1	16.7



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Manual Integrations APPROVED
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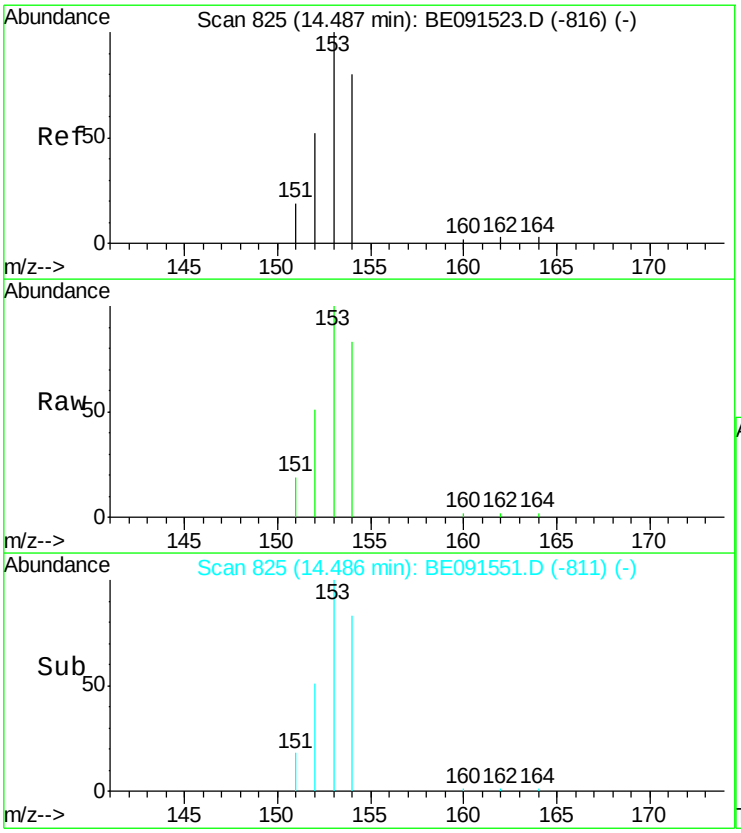
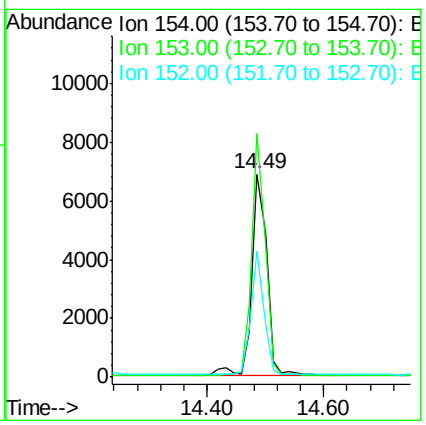
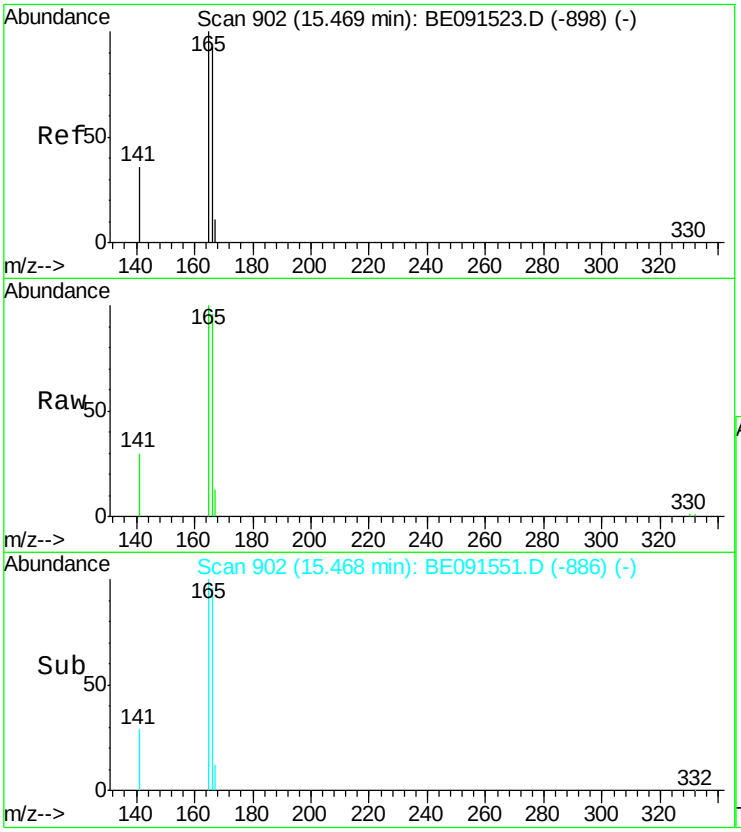


#14
Acenaphthene
Concen: 0.41 ng
RT: 14.49 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:154 Resp: 11809

Ion	Ratio	Lower	Upper
154	100		
153	106.7	87.3	130.9
152	53.4	42.9	64.3

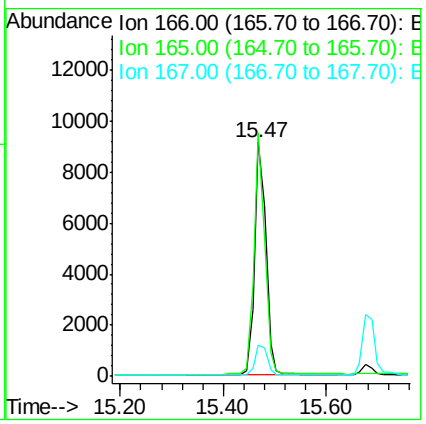




#15
Fluorene
Concen: 0.40 ng
RT: 15.47 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:166 Resp: 13940

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.2	118.8
167	13.7	10.8	16.2



Instrument :
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ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
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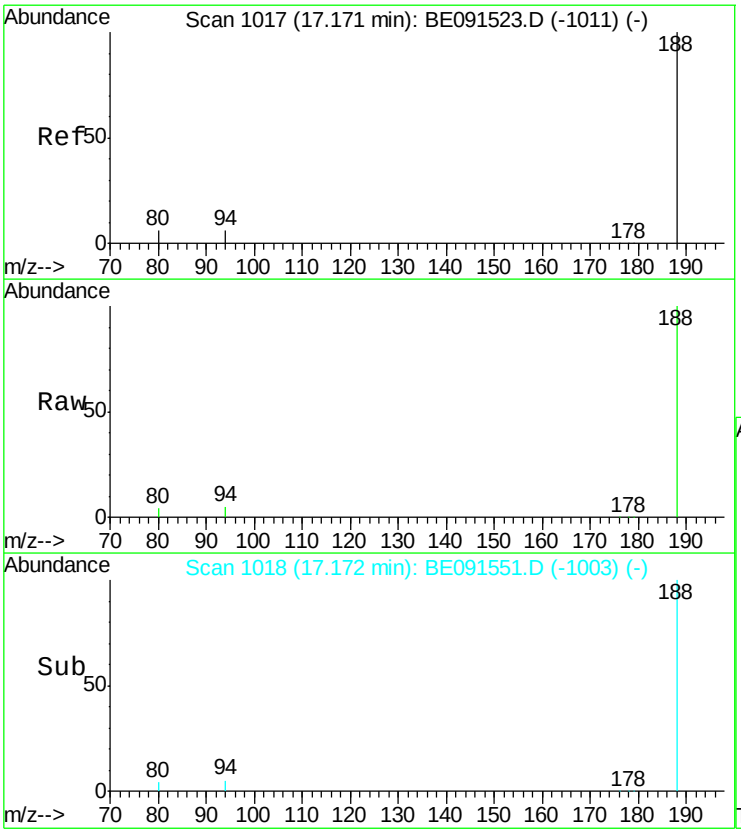
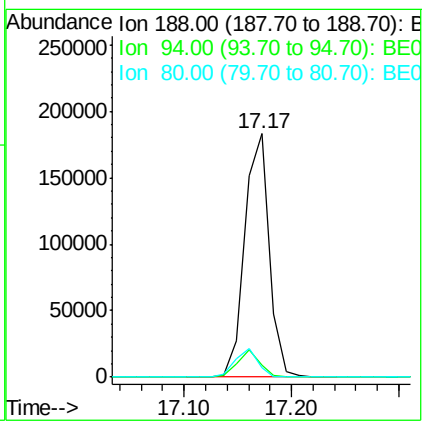
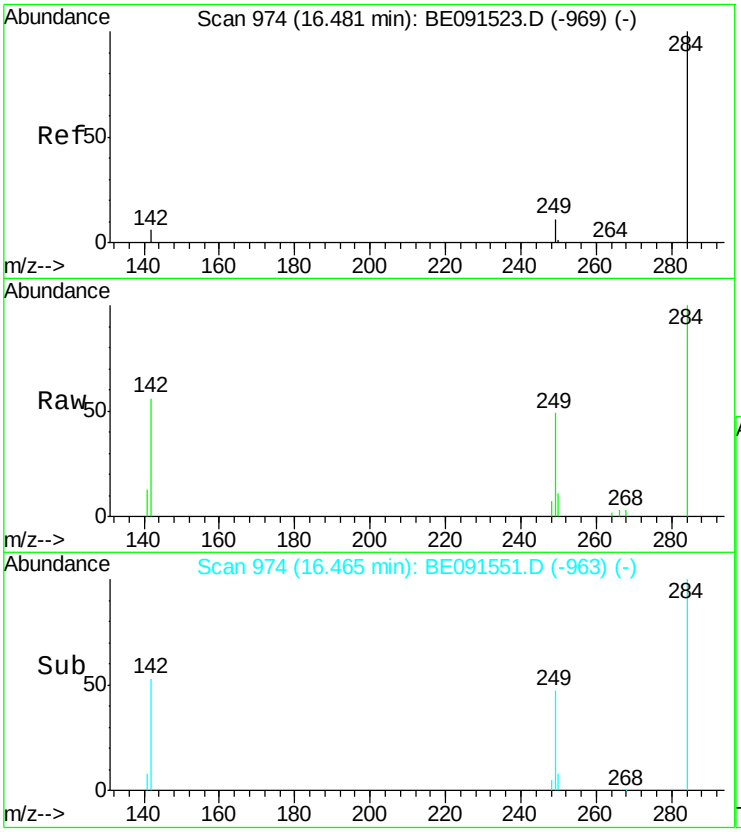


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:188 Resp: 288352

Ion	Ratio	Lower	Upper
188	100		
94	4.9	5.4	8.2#
80	4.1	5.0	7.4#

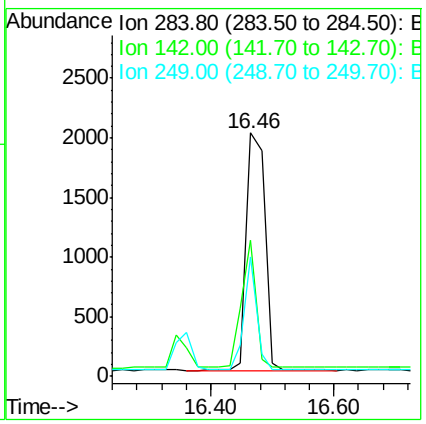




#17
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.02 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:284 Resp: 4133

Ion	Ratio	Lower	Upper
284	100		
142	41.8	31.0	46.4
249	31.9	25.8	38.8



Instrument :
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ClientSampleId :
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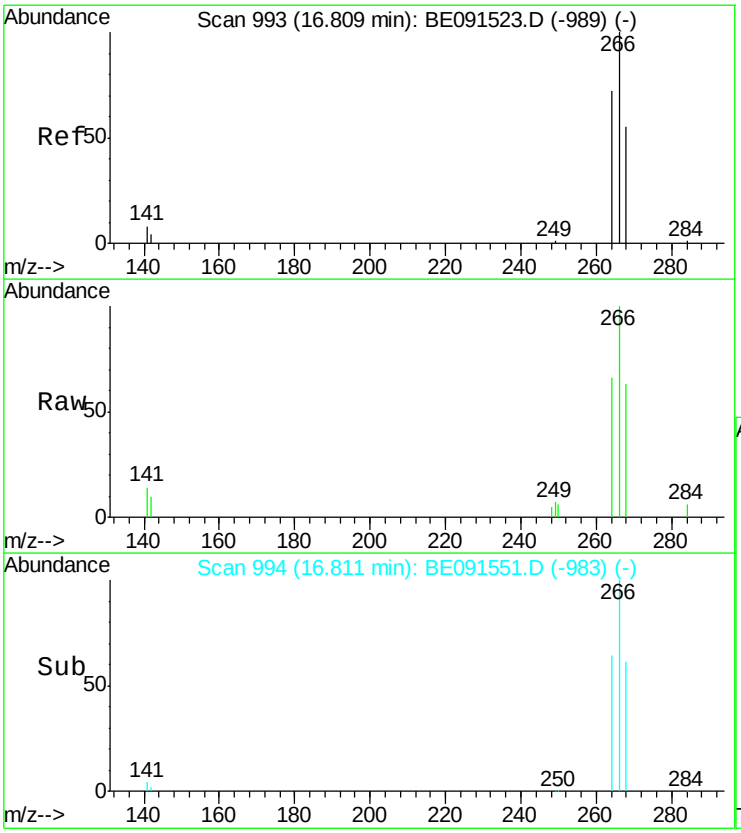
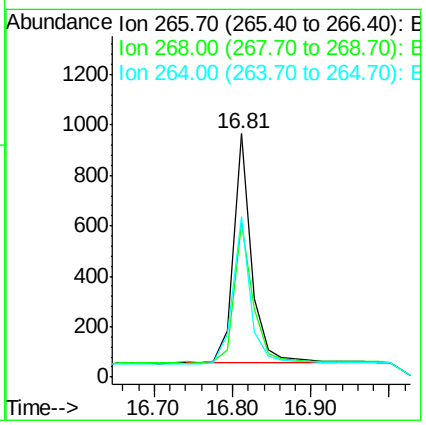
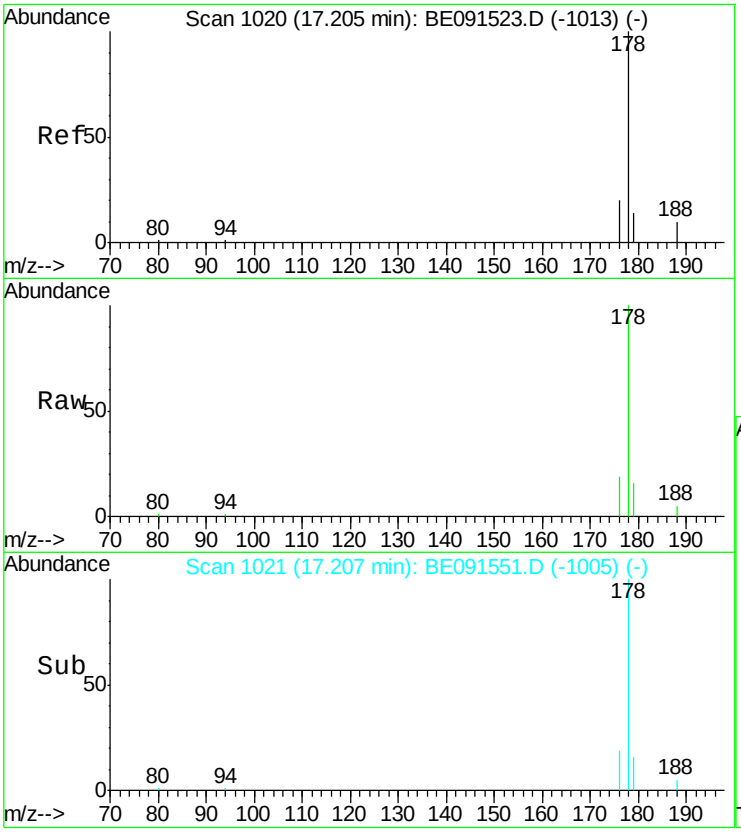


#18
Pentachlorophenol
Concen: 0.58 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:266 Resp: 1479

Ion	Ratio	Lower	Upper
266	100		
268	63.3	48.2	72.2
264	65.8	52.1	78.1

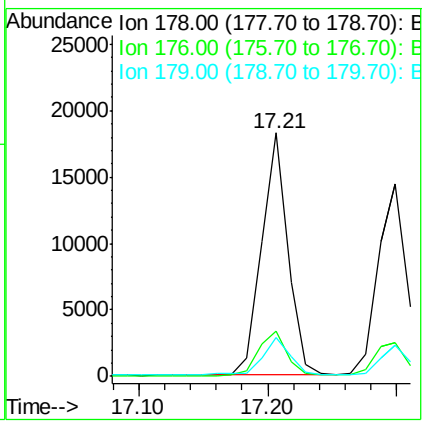




#19
Phenanthrene
Concen: 0.40 ng
RT: 17.21 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:178 Resp: 26243

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	16.3	13.1	19.7



Instrument :
BNA_E
ClientSampleId :
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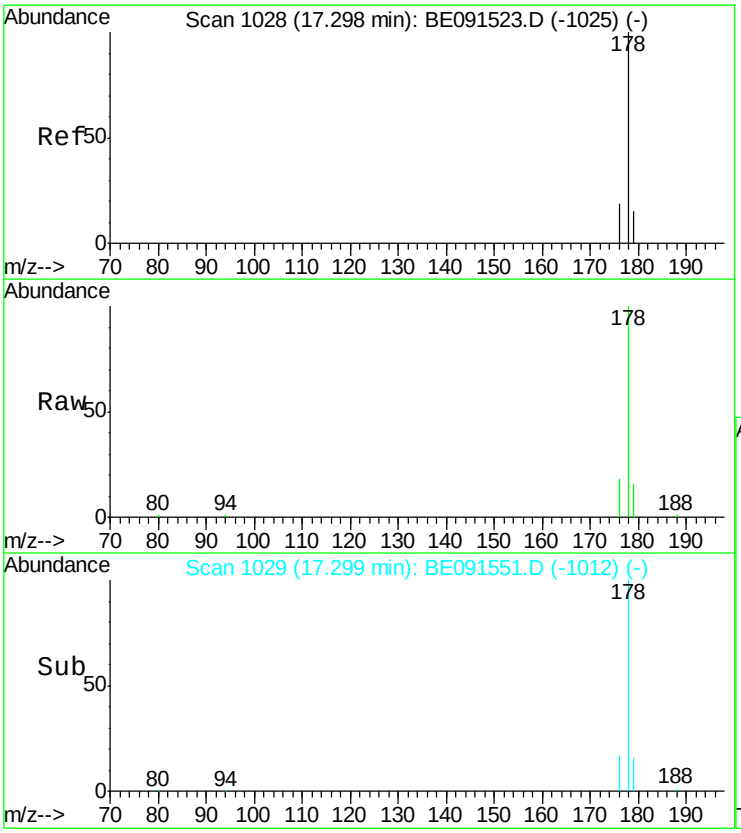
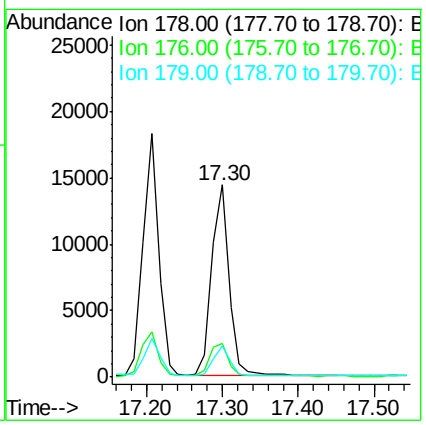
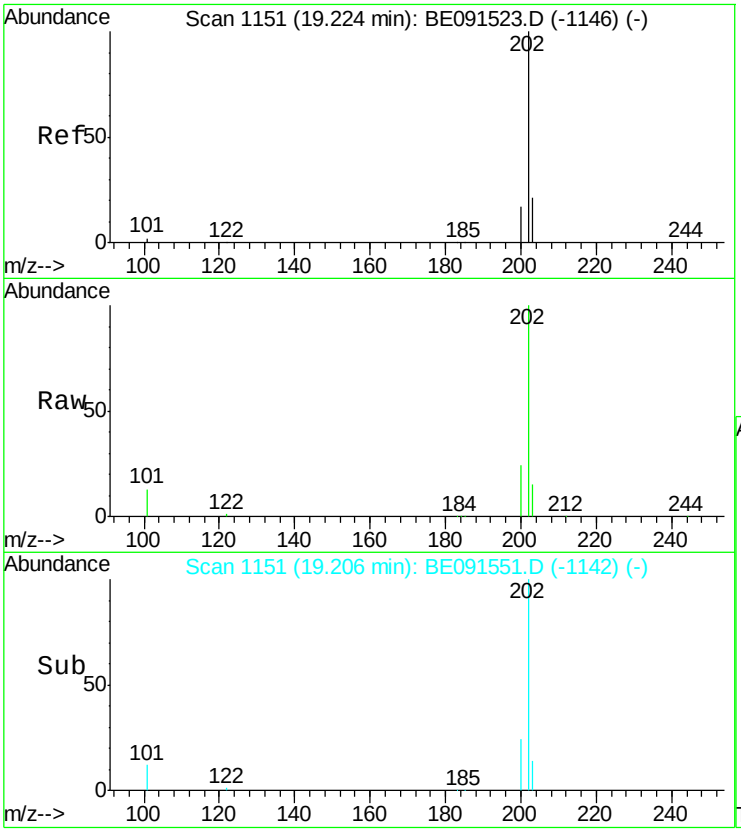


#20
Anthracene
Concen: 0.42 ng
RT: 17.30 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:178 Resp: 23000

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.2	12.2	18.4

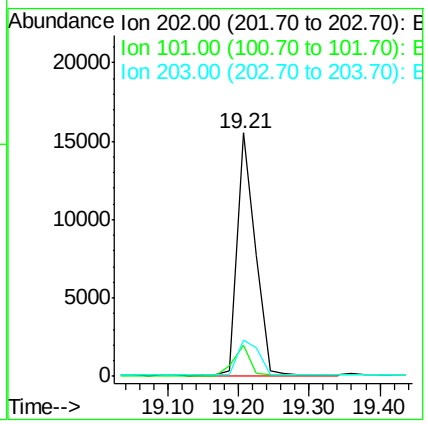




#21
Fluoranthene
Concen: 0.45 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:202 Resp: 27657

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.3	12.5
203	17.1	13.9	20.9



Instrument :
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ClientSampleId :
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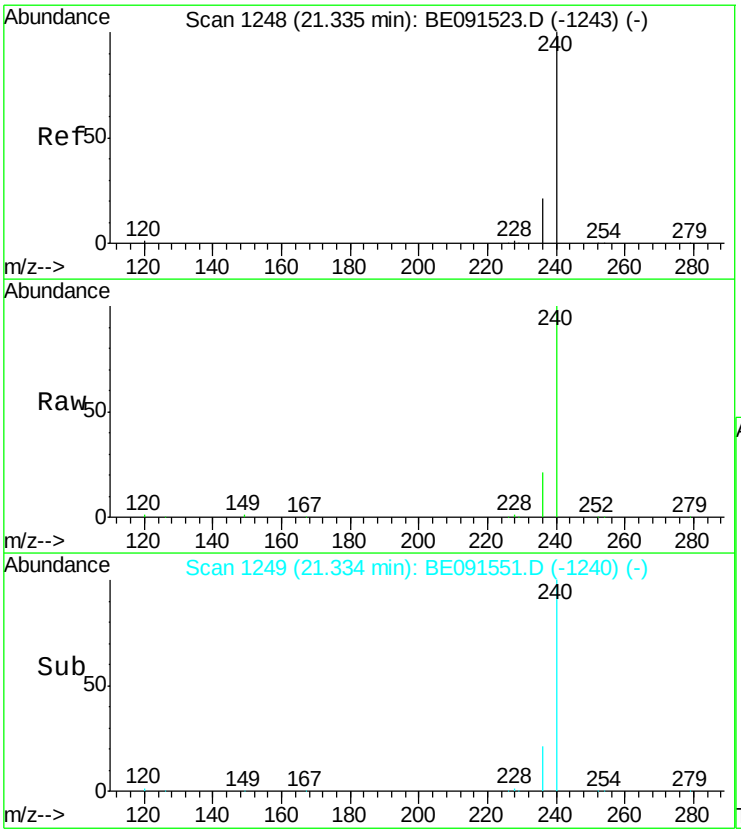
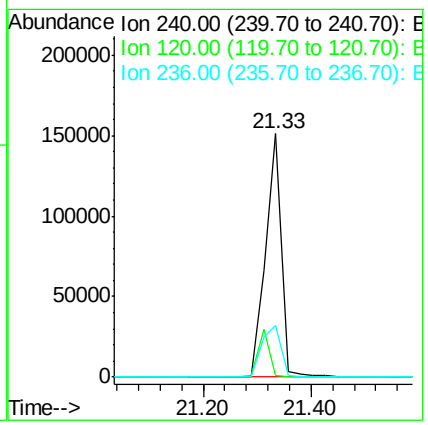
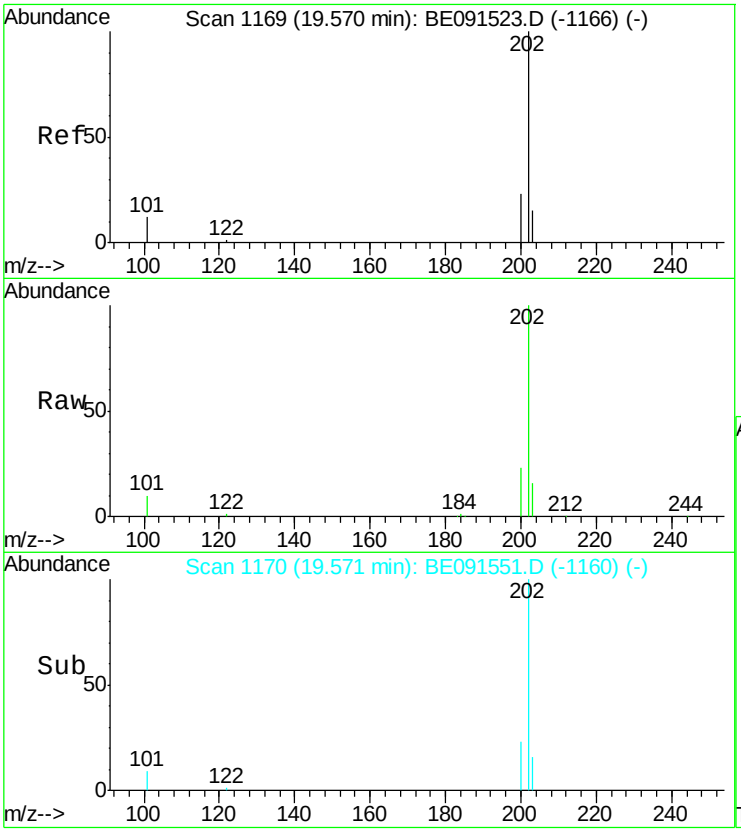


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:240 Resp: 310587

Ion	Ratio	Lower	Upper
240	100		
120	0.8	4.0	6.0#
236	21.3	23.0	34.4#

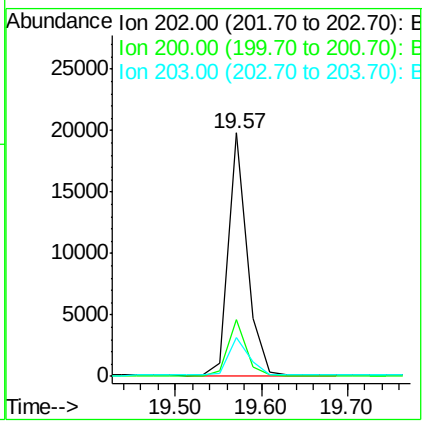




#23
Pyrene
Concen: 0.41 ng
RT: 19.57 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:202 Resp: 29726

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.4	24.6
203	17.2	14.6	21.8



Instrument :
BNA_E
ClientSampleId :
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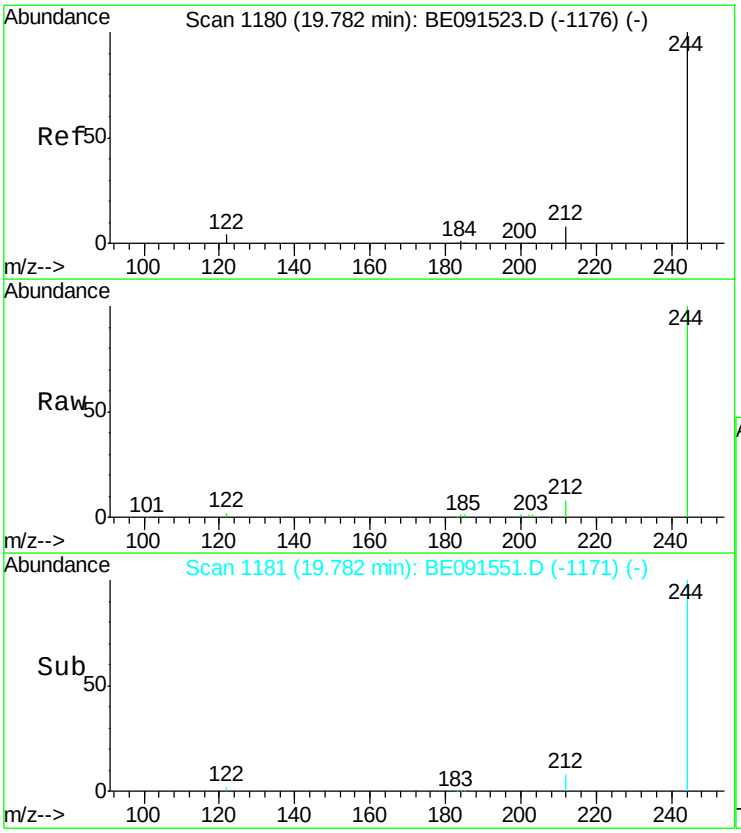
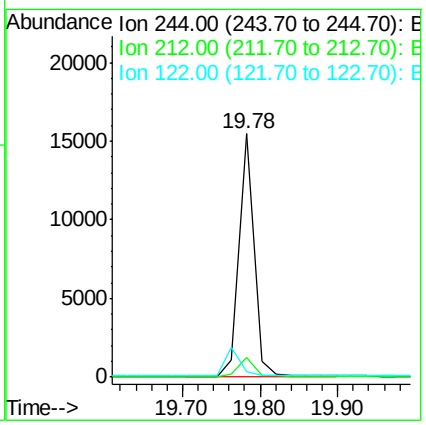
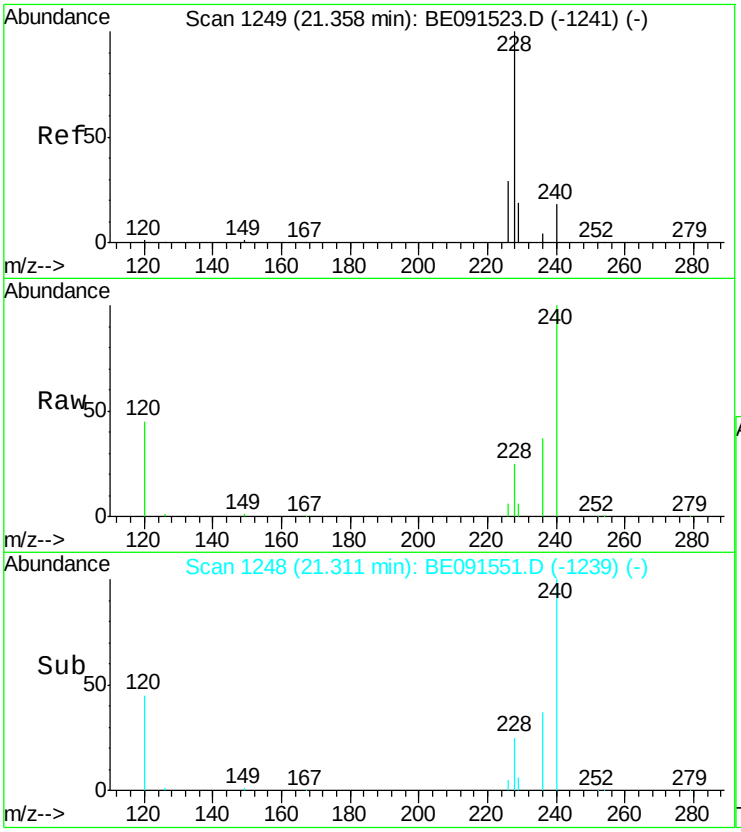


#24
Terphenyl-d14
Concen: 0.40 ng
RT: 19.78 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:244 Resp: 20377

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	2.5	1.8	2.8





#25
Benzo(a)anthracene
Concen: 0.43 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:228 Resp: 30762

Ion	Ratio	Lower	Upper
228	100		
226	22.4	24.0	36.0#
229	22.9	13.8	20.6#

Instrument :
BNA_E
ClientSampleId :
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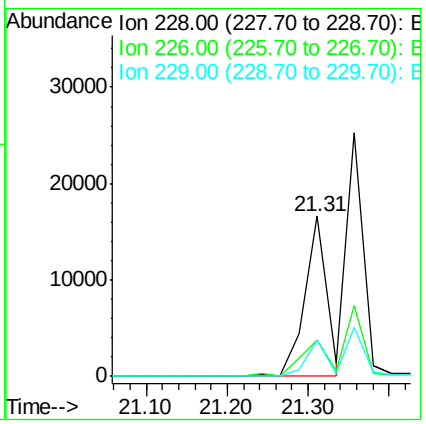
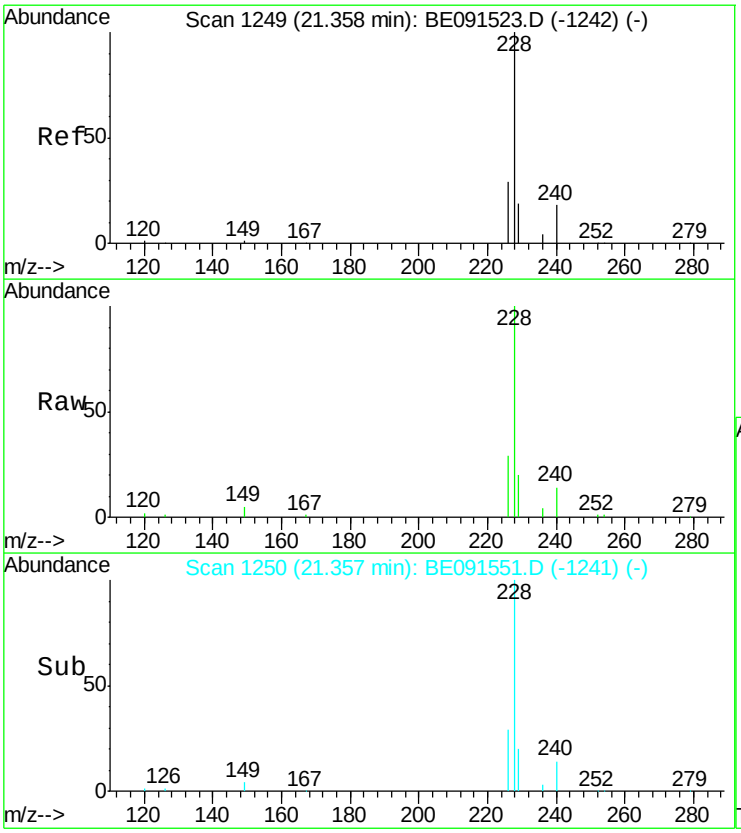
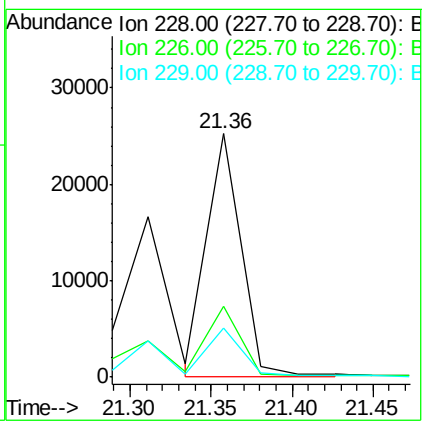


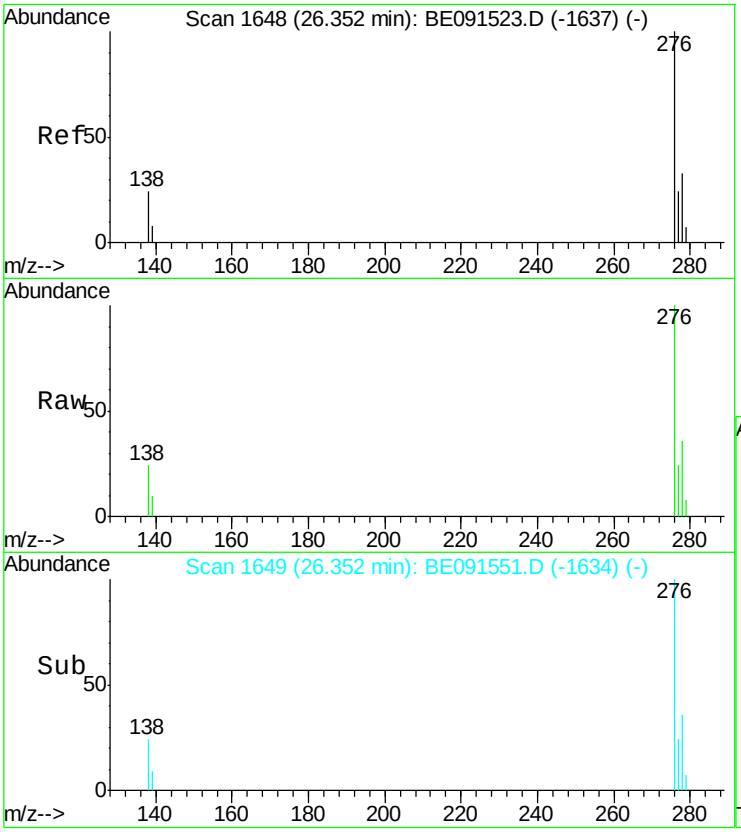


#26
Chrysene
Concen: 0.40 ng m
RT: 21.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:228 Resp: 37332

Ion	Ratio	Lower	Upper
228	100		
226	29.1	18.9	28.3#
229	19.9	19.1	28.7

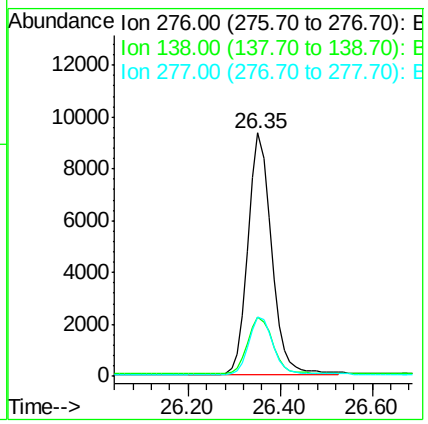




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.45 ng
RT: 26.35 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:276 Resp: 32929

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.2	30.4
277	24.4	19.8	29.8



Instrument :
BNA_E
ClientSampleId :
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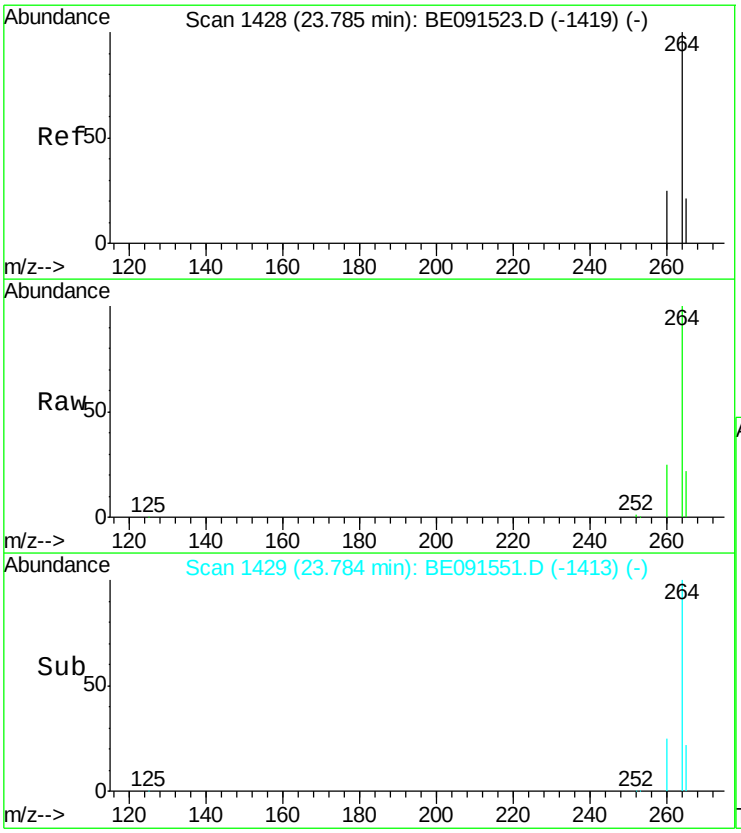
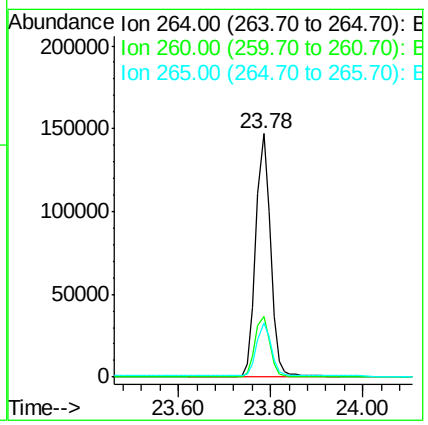
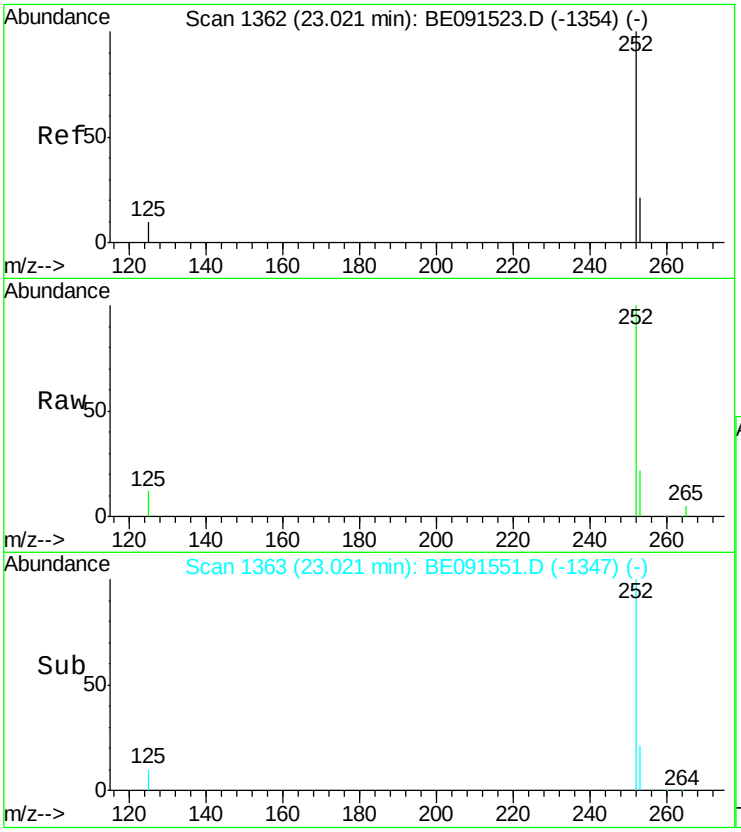


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.78 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:264 Resp: 324254

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.4	18.3	27.5

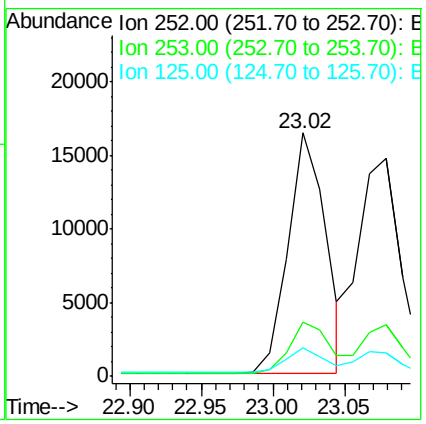




#29
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:252 Resp: 29875

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	11.7	9.8	14.6



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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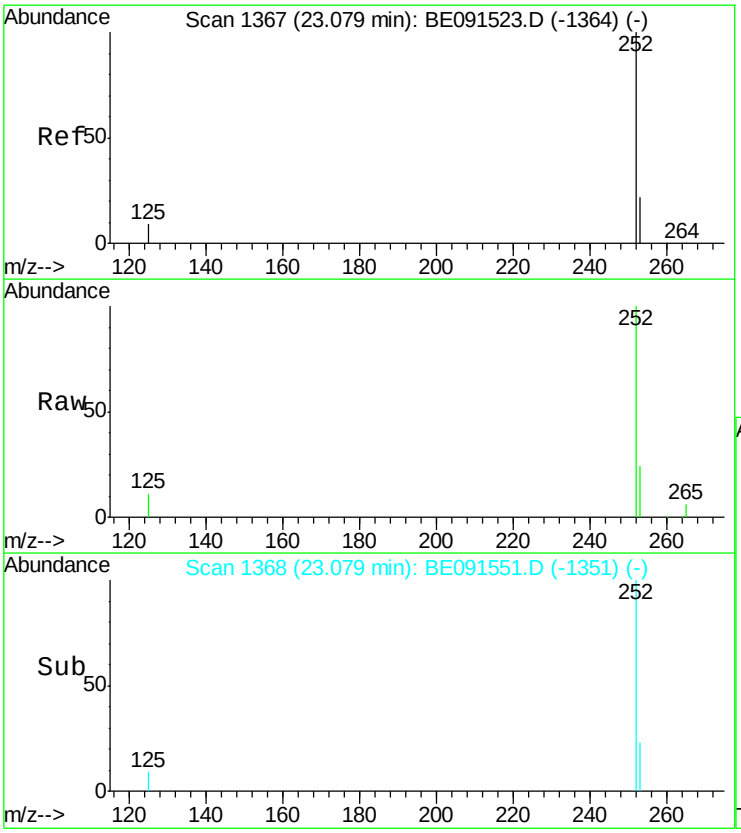
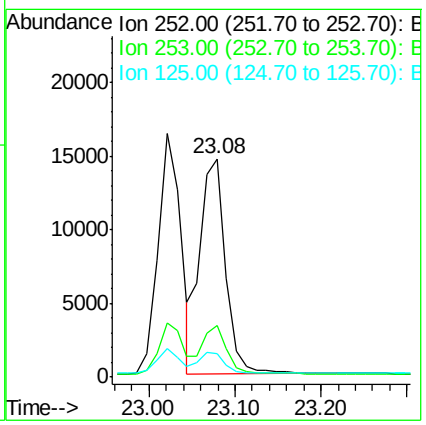
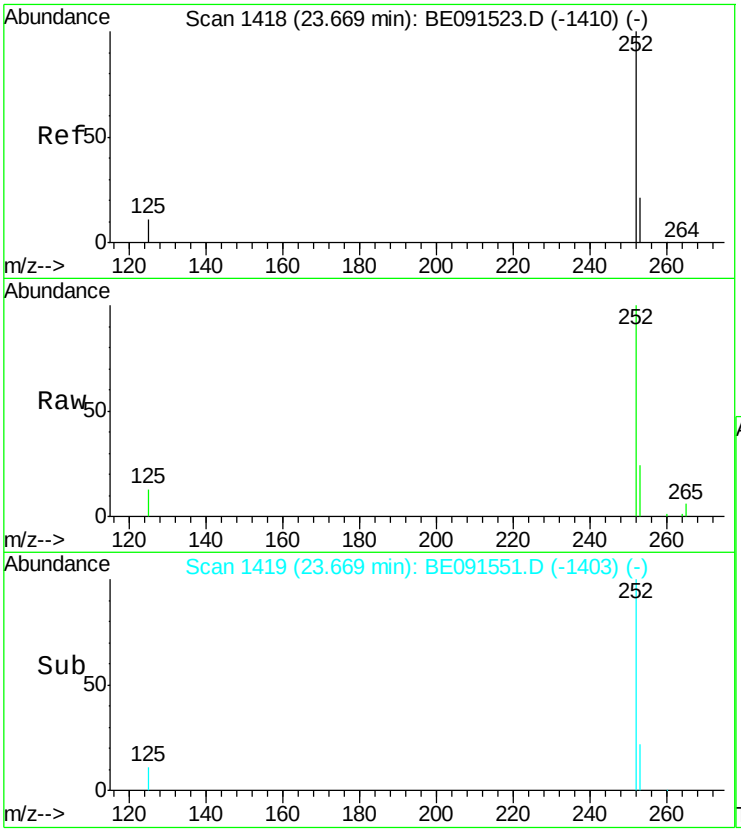


#30
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 23.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:252 Resp: 30141

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.2	30.4
125	10.6	9.4	14.2

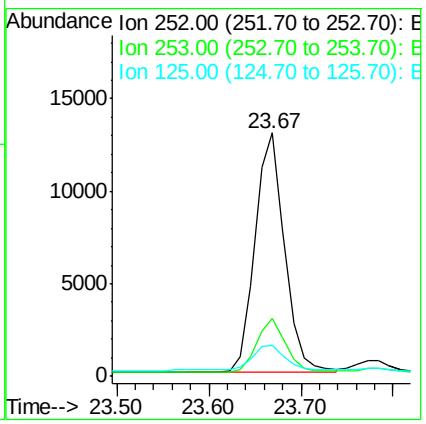




#31
Benzo(a)pyrene
Concen: 0.59 ng
RT: 23.67 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:252 Resp: 28845

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.0
125	13.0	11.4	17.2



Instrument :
BNA_E
ClientSampleId :
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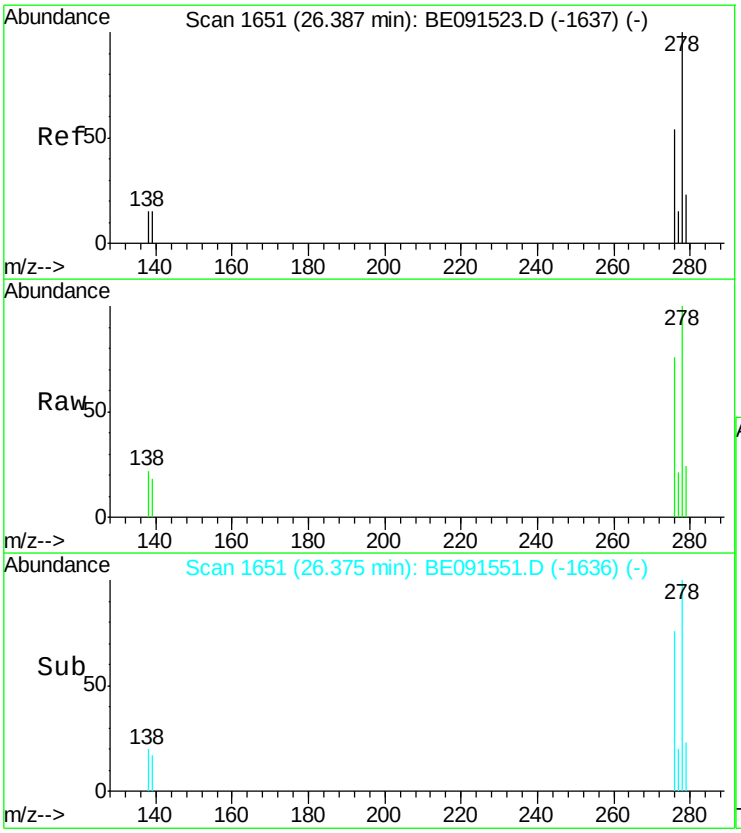
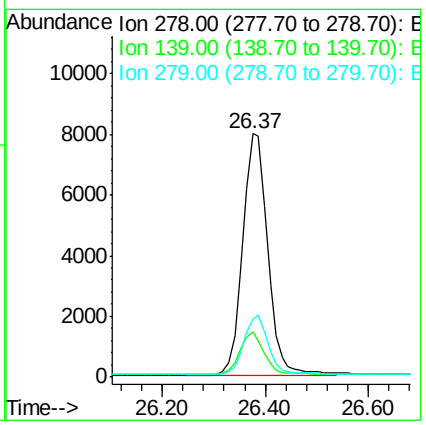
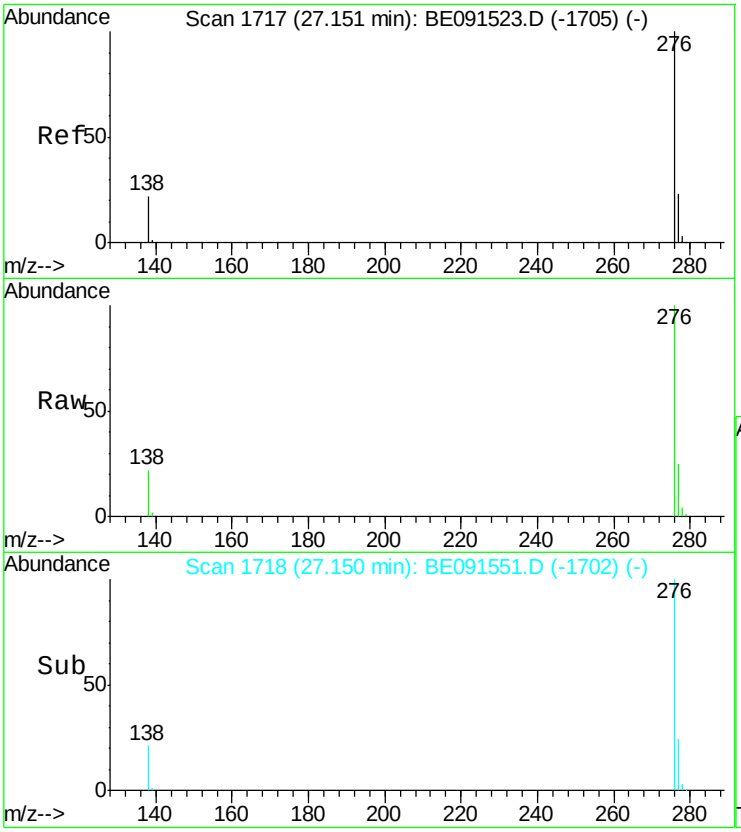


#32
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 26.37 min Scan# 1651
Delta R.T. -0.02 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:278 Resp: 26866

Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.2	21.4
279	23.8	19.6	29.4

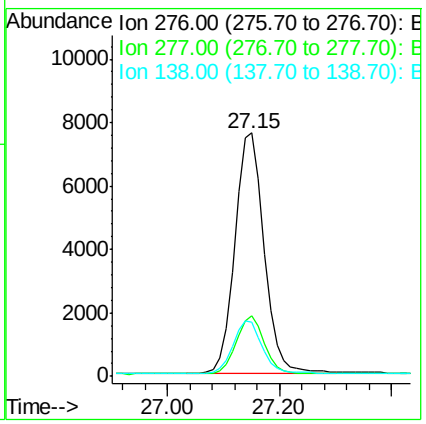




#33
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 27.15 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BE091551.D
Acq: 28 Mar 2016 23:31

Tgt Ion:276 Resp: 27782

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	22.3	18.2	27.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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