Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093396.D
Acq On : 1 Jul 2017 17:18
Operator : SJ/JU
Sample : I3984-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MH-117N-20170627MS

Manual Integrations APPROVED
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Quant Time: Jul 03 05:54:00 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 15:43:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	3310	0.40	ng		0.00
7) Naphthalene-d8	10.74	136	14859	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	7717	0.40	ng		-0.02
19) Phenanthrene-d10	17.27	188	24951	0.40	ng		0.00
27) Chrysene-d12	21.43	240	35865	0.40	ng		-0.01
34) Perylene-d12	23.94	264	29701	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1882	0.18	ng		0.00
5) Phenol-d6	7.10	99	1681	0.11	ng		0.00
8) Nitrobenzene-d5	9.08	82	3696	0.42	ng		-0.02
11) 2-Methylnaphthalene-d10	12.31	152	7429	0.31	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	1299m	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	25338	0.84	ng		0.00
25) Fluoranthene-d10	19.29	212	101376	0.44	ng		0.00
29) Terphenyl-d14	19.88	244	27140	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	1135	0.166	ng	#	47
3) n-Nitrosodimethylamine	3.77	42	706	0.264	ng	#	79
6) bis(2-Chloroethyl)ether	7.37	93	4064	0.374	ng	#	98
9) Naphthalene	10.77	128	68361	0.443	ng	#	73
10) Hexachlorobutadiene	11.08	225	2305	0.371	ng		99
12) 2-Methylnaphthalene	12.39	142	10405	0.396	ng		97
16) Acenaphthylene	14.26	152	12611	0.376	ng	#	87
17) Acenaphthene	14.60	154	9514	0.403	ng		96
18) Fluorene	15.59	166	12891	0.397	ng	#	88
20) 4-Bromophenyl-phenylether	16.45	248	4482	0.728	ng	#	38
21) Hexachlorobenzene	16.58	284	5292	0.554	ng	#	100
22) Pentachlorophenol	16.91	266	1827	1.486	ng	#	73
23) Phenanthrene	17.30	178	31527	0.522	ng		99
24) Anthracene	17.40	178	22807m	0.375	ng		
26) Fluoranthene	19.32	202	30292	0.463	ng		100
28) Pyrene	19.68	202	31863	0.337	ng	#	98
30) Benzo(a)anthracene	21.40	228	38620	0.396	ng	#	91
31) Chrysene	21.46	228	37857	0.371	ng		92
32) Bis(2-ethylhexyl)phthalate	21.34	149	85980	0.595	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.59	276	43188	0.433	ng	#	89
35) Benzo(b)fluoranthene	23.17	252	40686	0.436	ng	#	95
36) Benzo(k)fluoranthene	23.22	252	41244	0.441	ng	#	94
37) Benzo(a)pyrene	23.82	252	33402	0.403	ng	#	94
38) Dibenzo(a,h)anthracene	26.61	278	36333	0.431	ng	#	87
39) Benzo(g,h,i)perylene	27.40	276	36270	0.421	ng	#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093396.D
Acq On : 1 Jul 2017 17:18
Operator : SJ/JU
Sample : I3984-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 03 05:54:00 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 15:43:24 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
MH-117N-20170627MS

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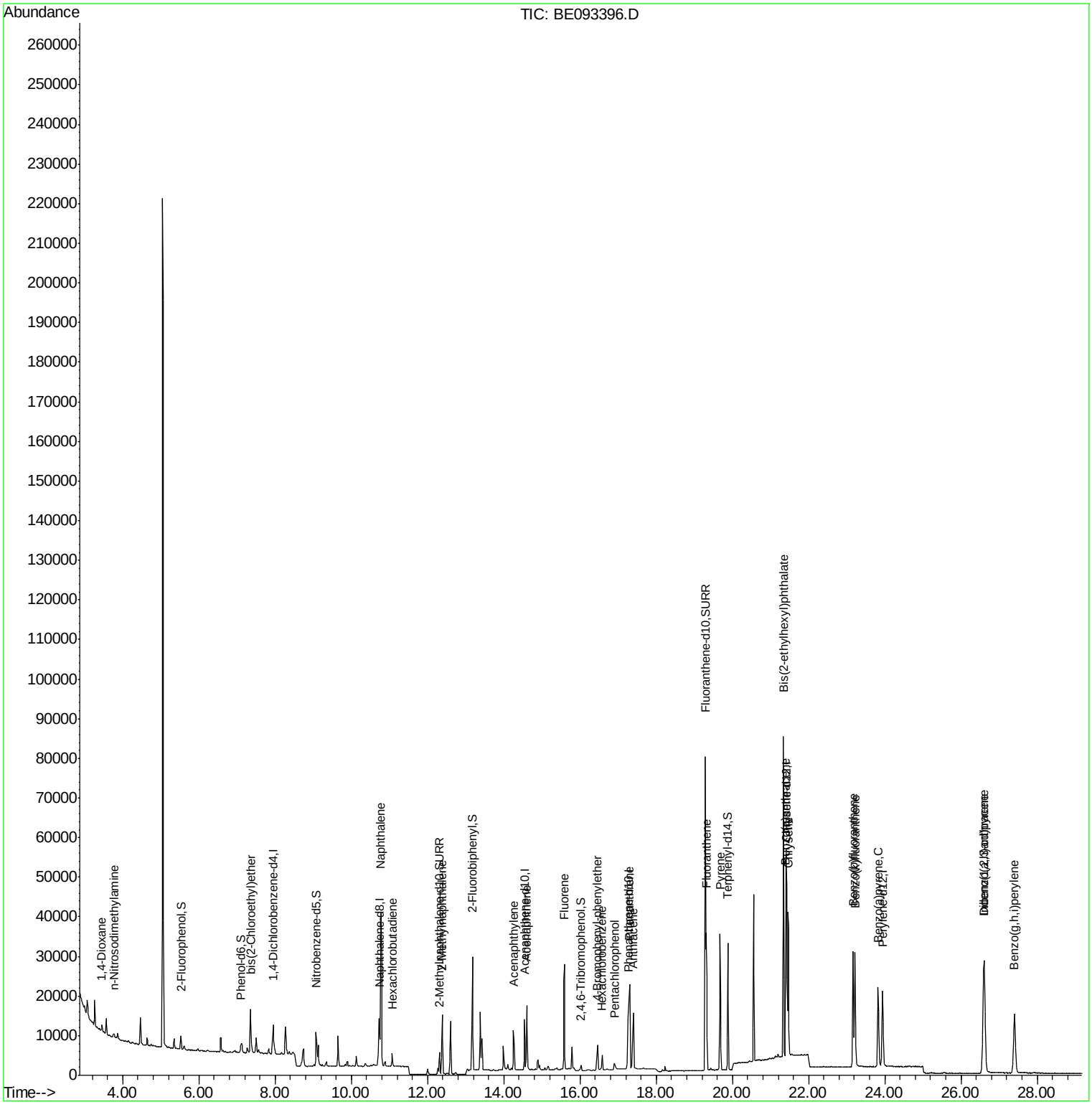
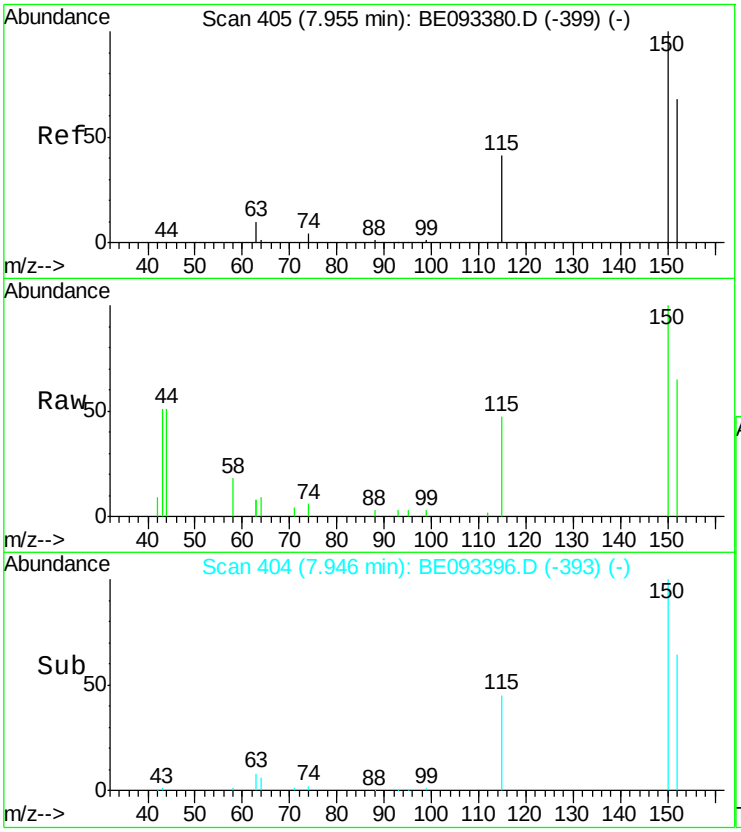
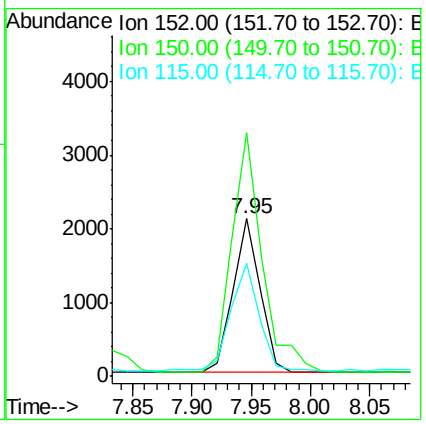




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:152 Resp: 3310

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.1	187.7
115	72.1	55.7	83.5



Instrument :
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ClientSampleId :
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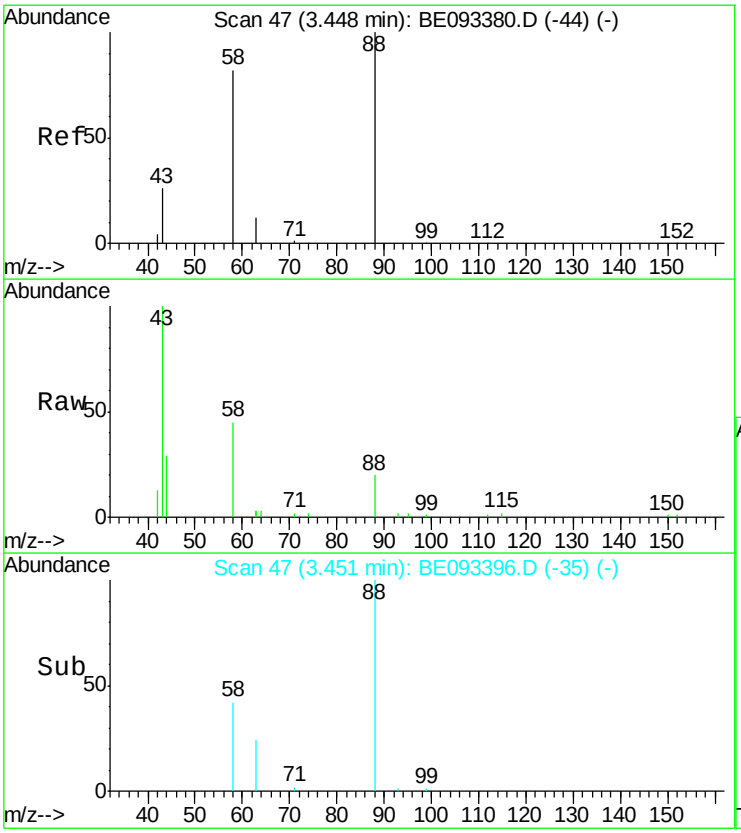
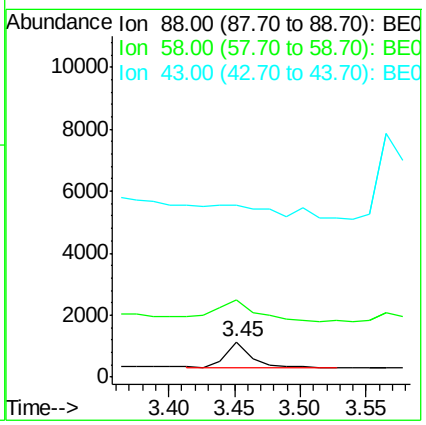
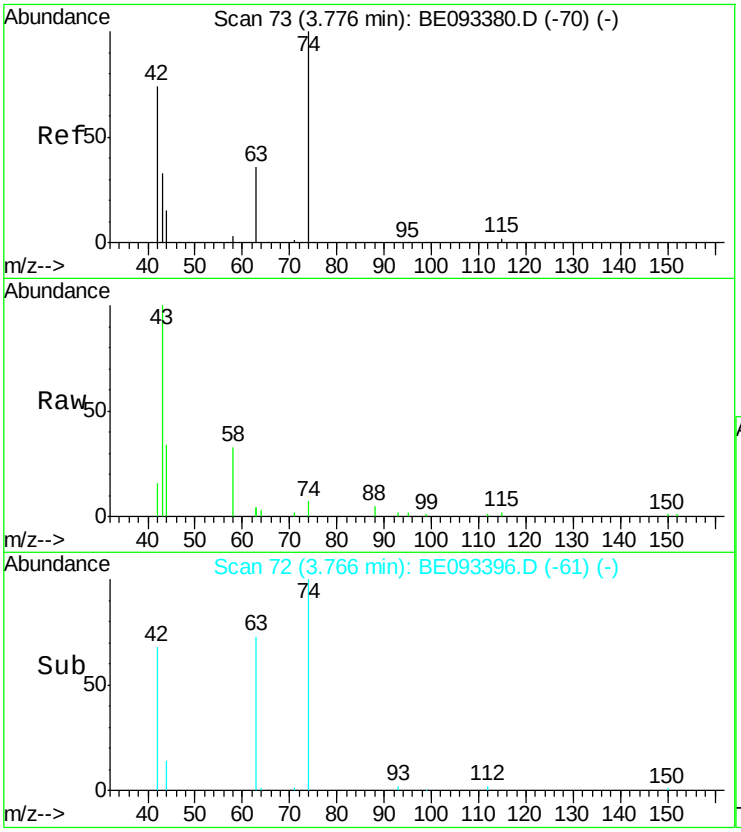


#2
1,4-Dioxane
Concen: 0.166 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion: 88 Resp: 1135

Ion	Ratio	Lower	Upper
88	100		
58	123.7	62.2	93.4#
43	0.0	23.2	34.8#

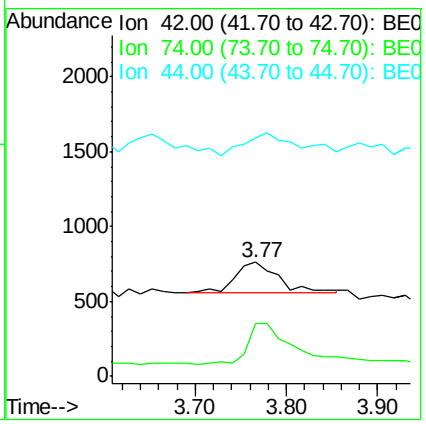




#3
n-Nitrosodimethylamine
Concen: 0.264 ng
RT: 3.77 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion: 42 Resp: 706

Ion	Ratio	Lower	Upper
42	100		
74	130.3	99.1	148.7
44	91.2	7.4	11.2#



Instrument :
BNA_E
ClientSampleId :
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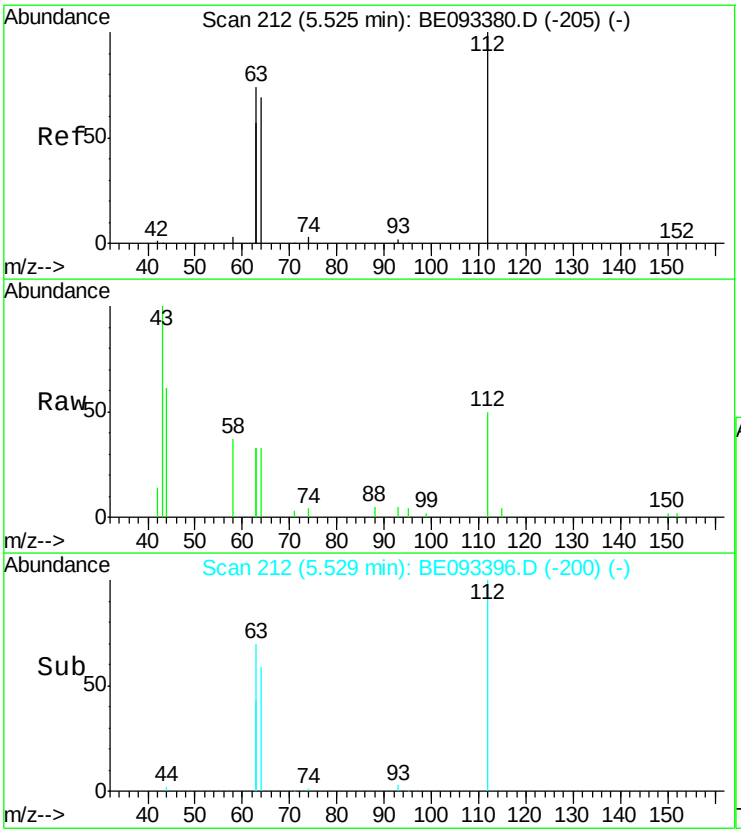
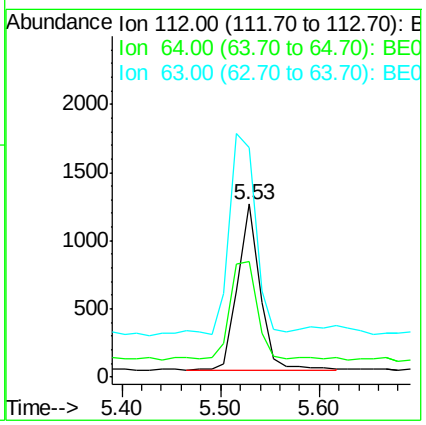
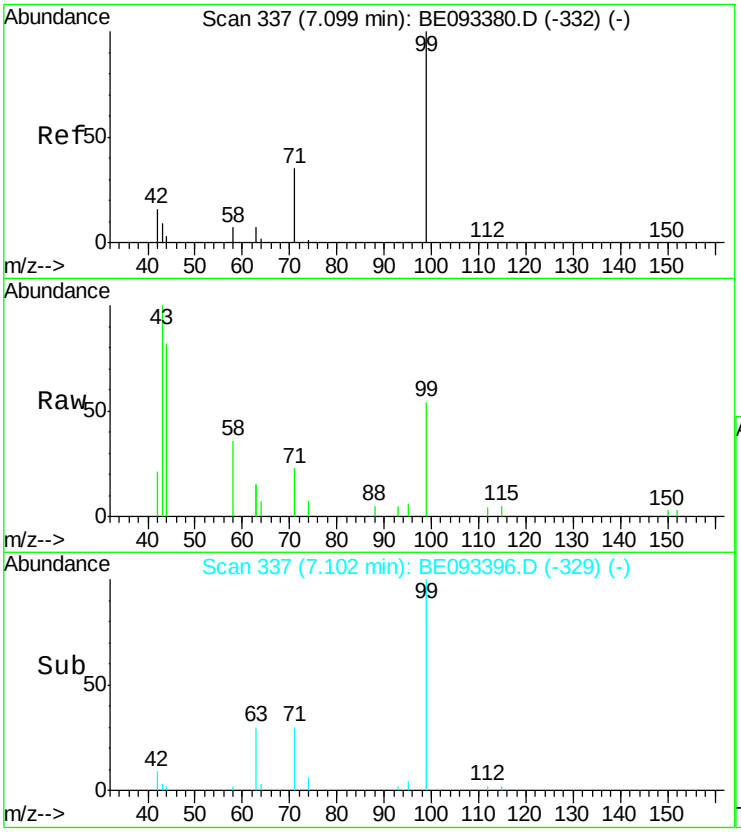


#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:112 Resp: 1882

Ion	Ratio	Lower	Upper
112	100		
64	75.3	56.4	84.6
63	147.6	29.3	43.9#





#5
Phenol-d6
Concen: 0.109 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion: 99 Resp: 1681

Ion	Ratio	Lower	Upper
99	100		
42	29.6	0.0	0.0#
71	39.4	0.0	0.0#

Instrument :
BNA_E
ClientSampleId :
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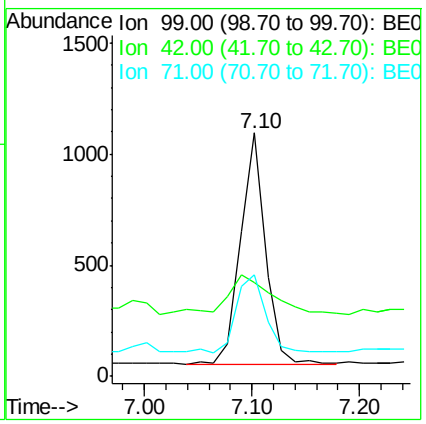
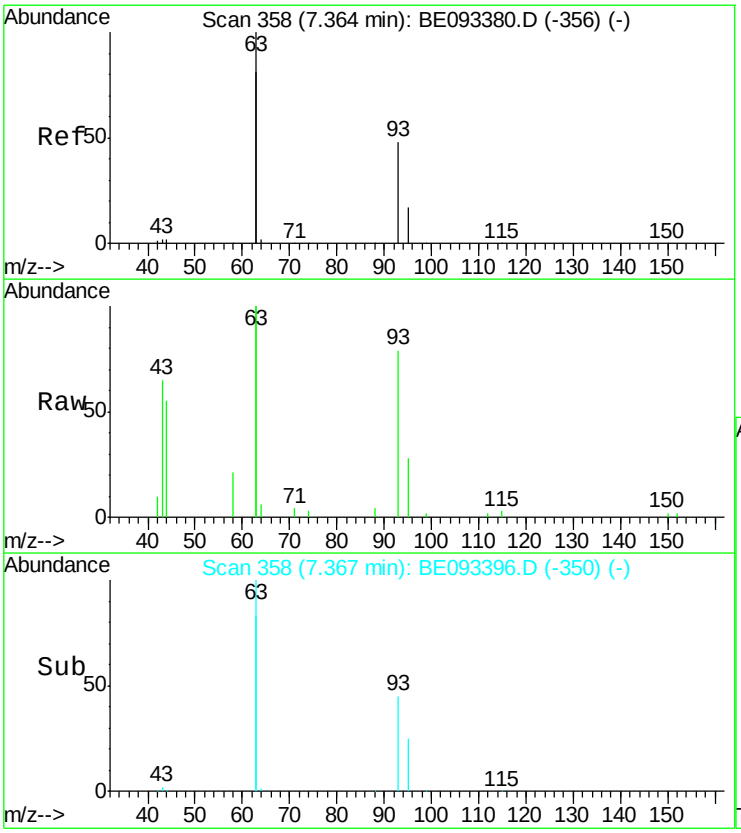
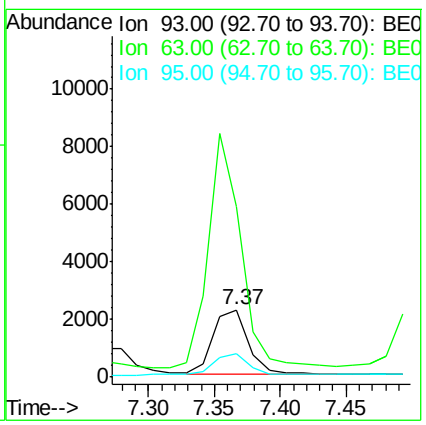


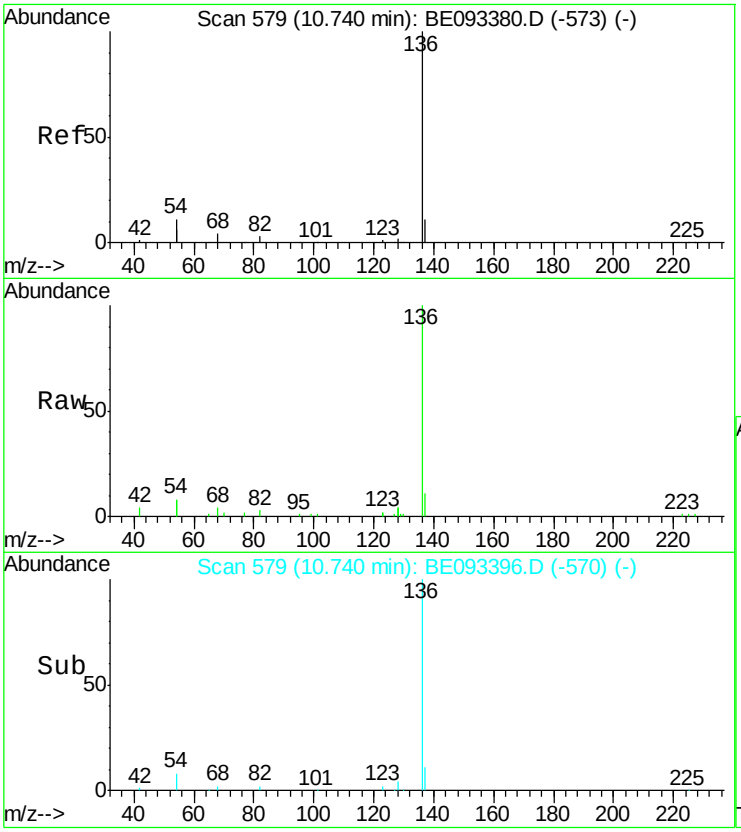


#6
bis(2-Chloroethyl)ether
Concen: 0.374 ng
RT: 7.37 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion: 93 Resp: 4064

Ion	Ratio	Lower	Upper
93	100		
63	342.5	0.0	0.0#
95	33.1	25.4	38.0

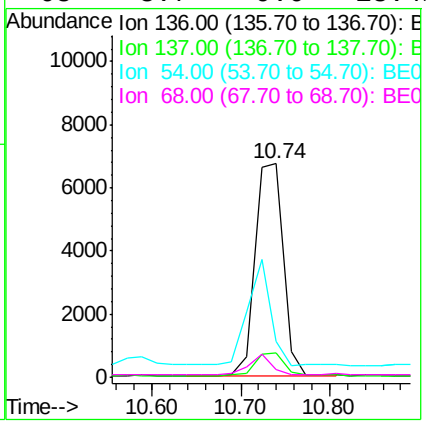




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:136 Resp: 14859

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.8
54	16.7	10.3	15.5#
68	3.7	9.0	13.4#



Instrument :
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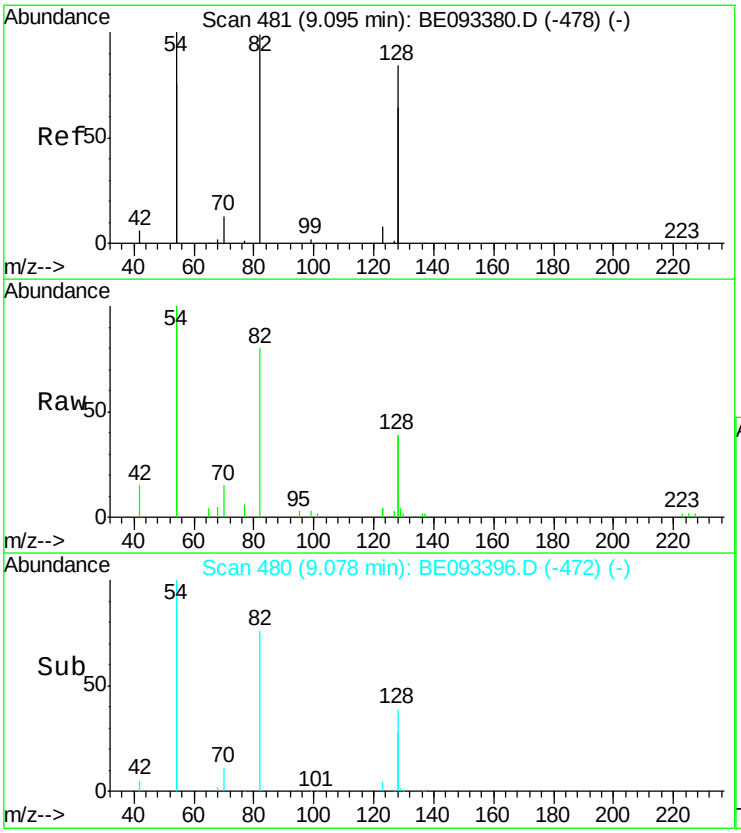
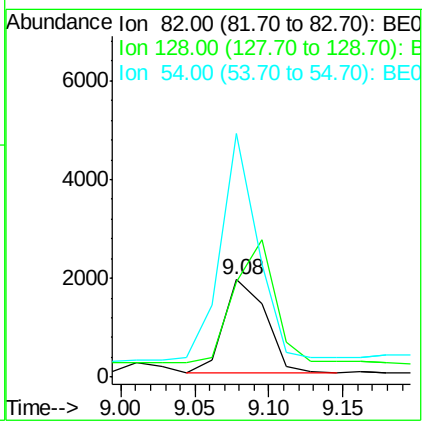
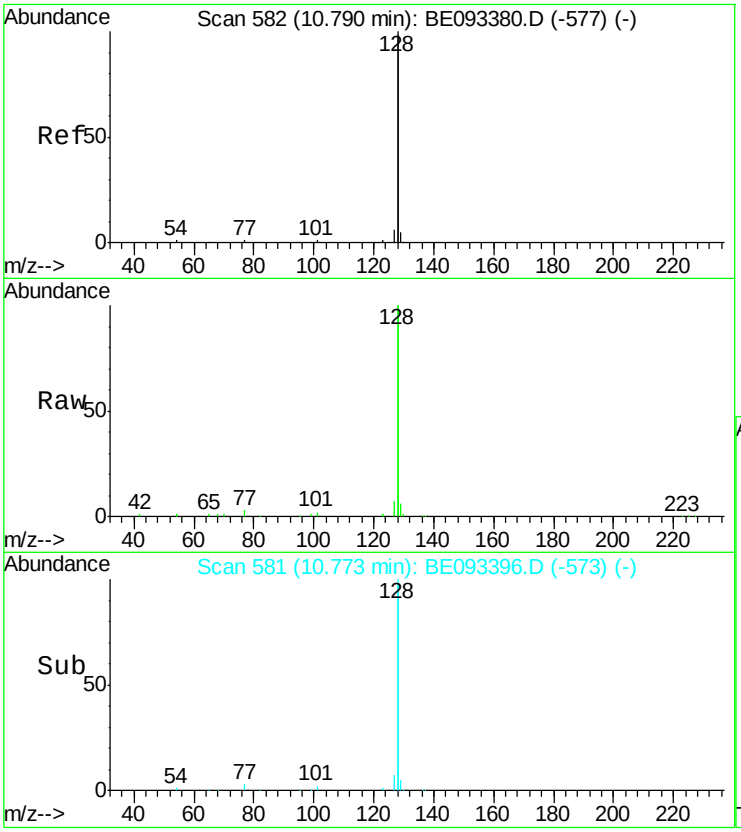


#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.02 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion: 82 Resp: 3696

Ion	Ratio	Lower	Upper
82	100		
128	97.8	17.0	25.4#
54	250.3	53.8	80.6#

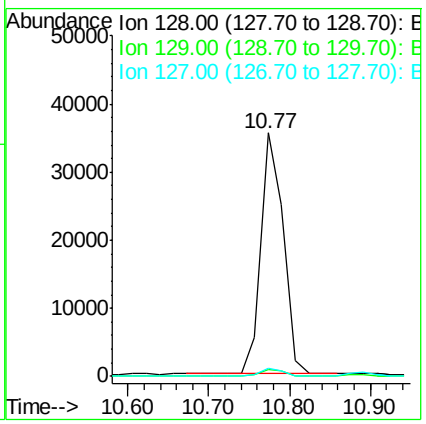




#9
Naphthalene
Concen: 0.443 ng
RT: 10.77 min Scan# 581
Delta R.T. -0.02 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:128 Resp: 68361

Ion	Ratio	Lower	Upper
128	100		
129	2.9	11.4	17.0#
127	3.5	11.2	16.8#



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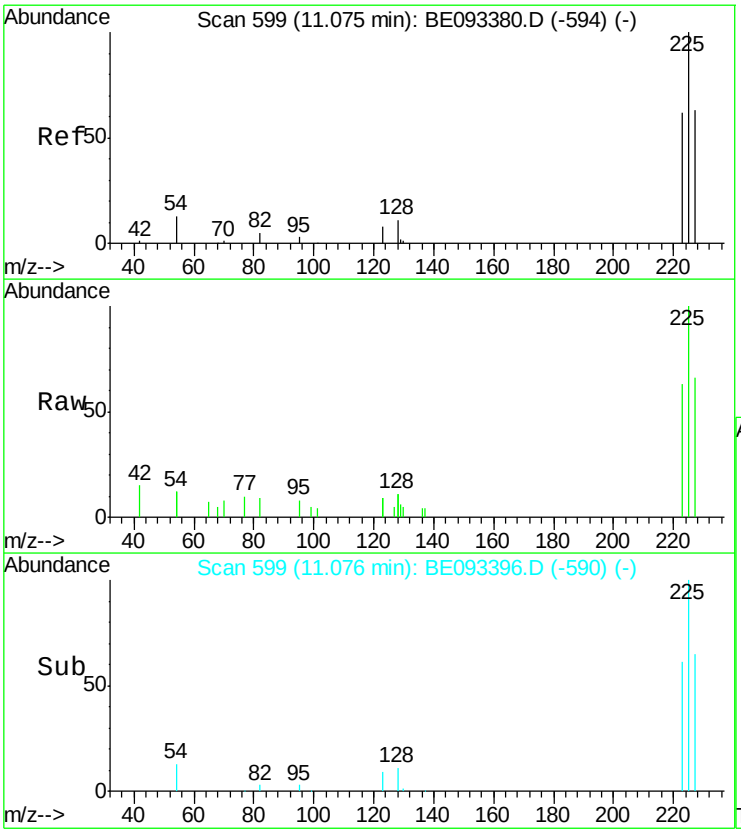
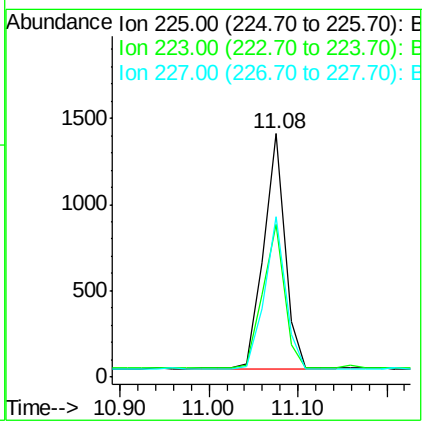
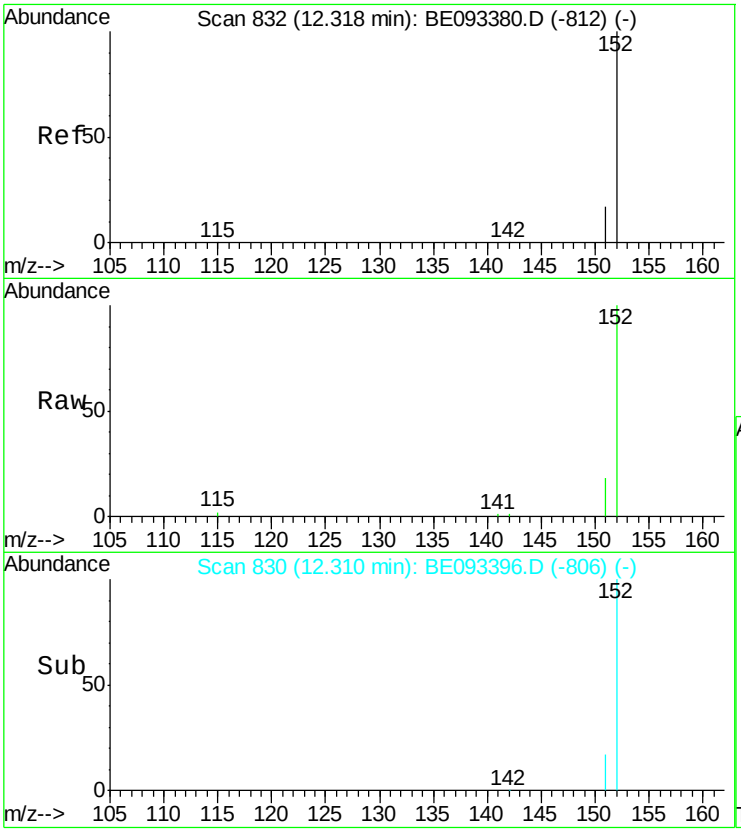


#10
Hexachlorobutadiene
Concen: 0.371 ng
RT: 11.08 min Scan# 599
Delta R.T. 0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:225 Resp: 2305

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	64.1	50.3	75.5

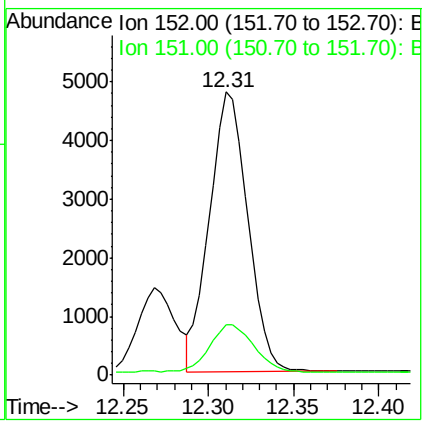




#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.31 min Scan# 830
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:152 Resp: 7429

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7



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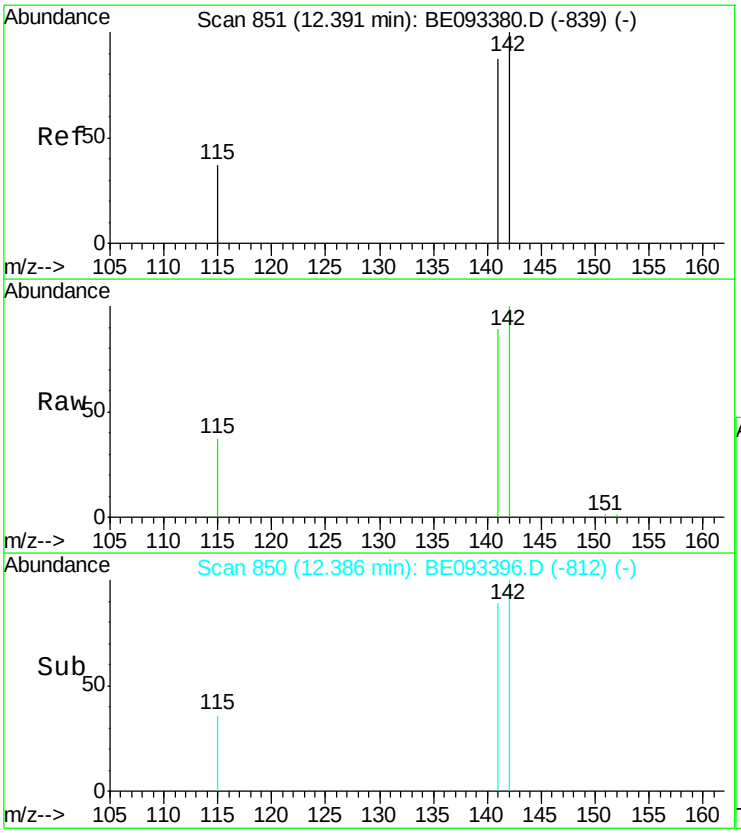
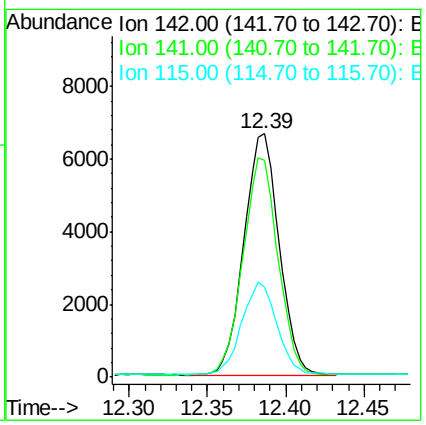
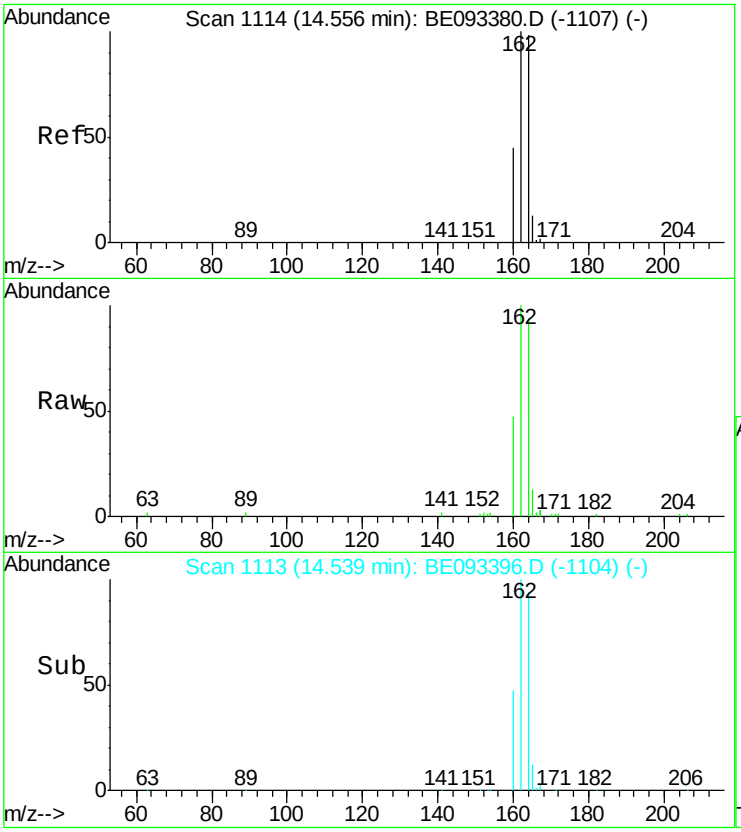


#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.39 min Scan# 850
Delta R.T. -0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:142 Resp: 10405

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8
115	37.1	32.2	48.2

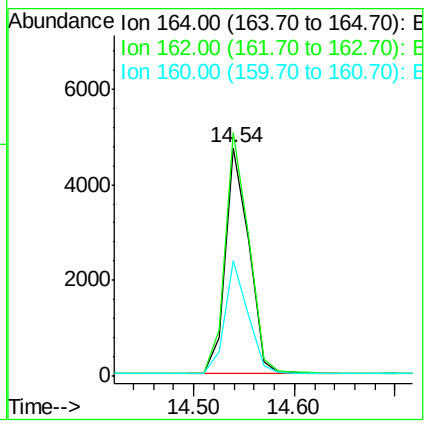




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:164 Resp: 7717

Ion	Ratio	Lower	Upper
164	100		
162	106.5	84.6	127.0
160	50.6	41.8	62.6



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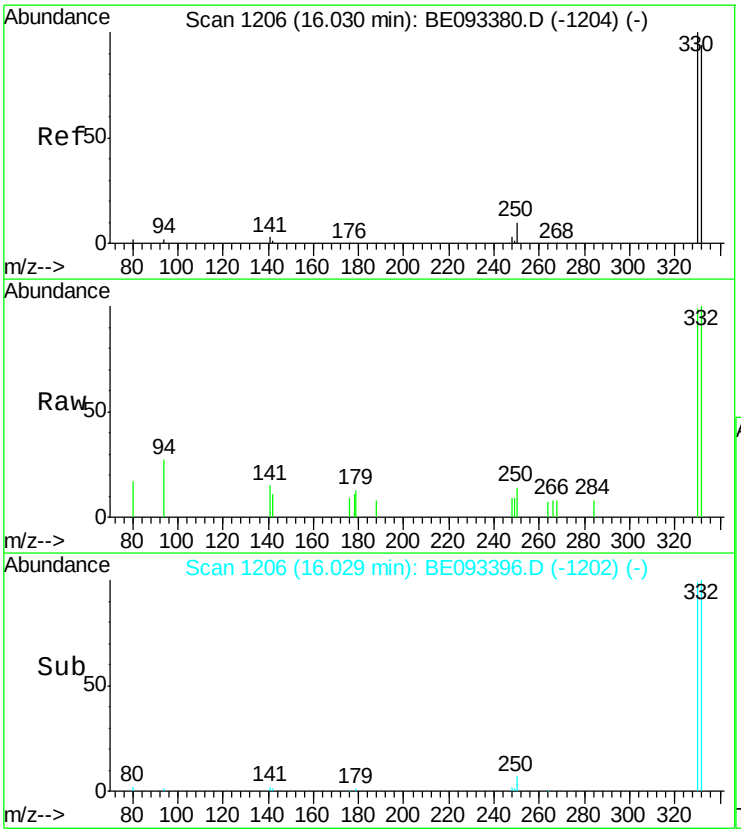
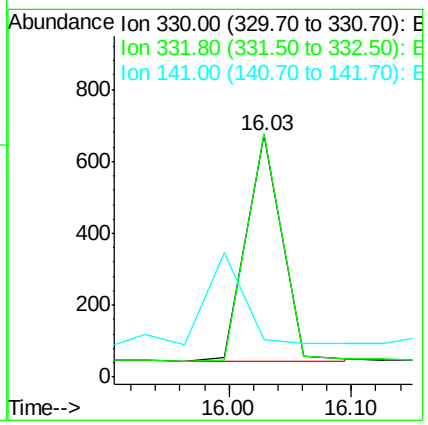
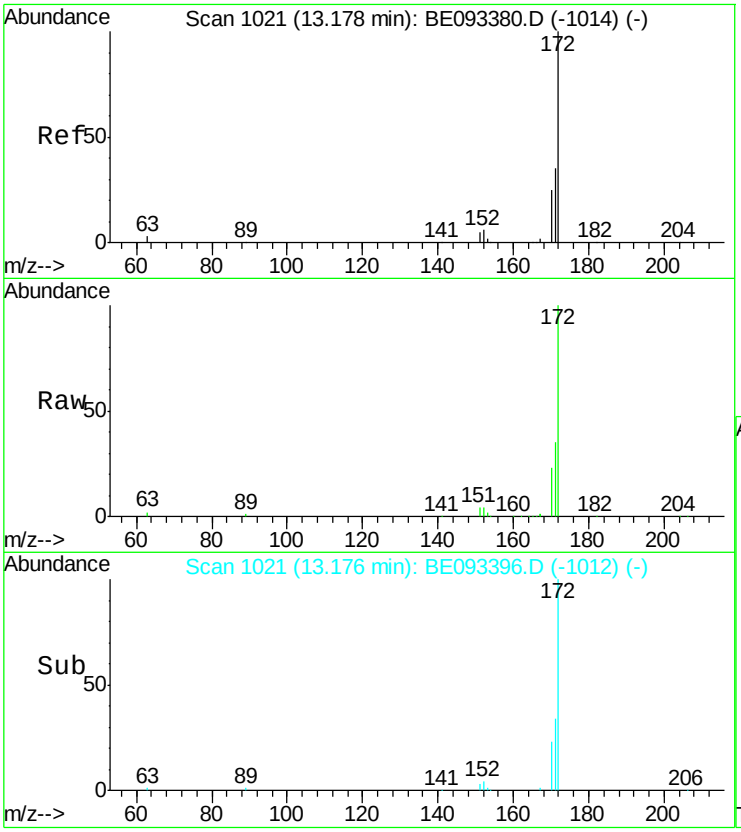


#14
2,4,6-Tribromophenol
Concen: 0.413 ng m
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:330 Resp: 1299

Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.7	116.5#
141	0.0	56.2	84.4#

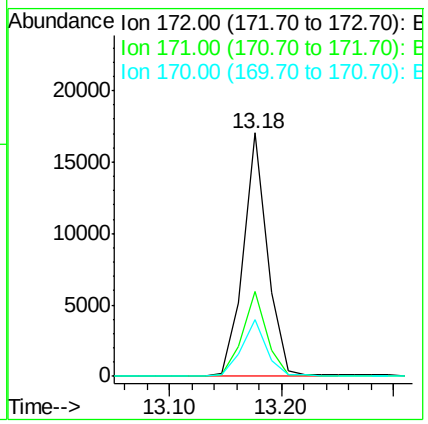




#15
2-Fluorobiphenyl
Concen: 0.839 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:172 Resp: 25338

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.8	44.6
170	23.2	20.7	31.1



Instrument :
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ClientSampleId :
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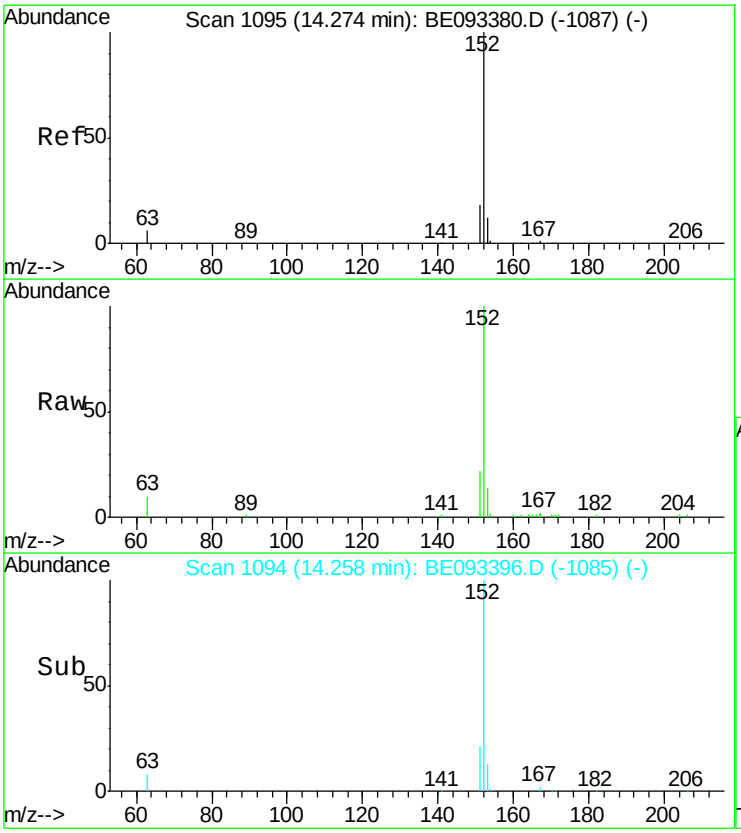
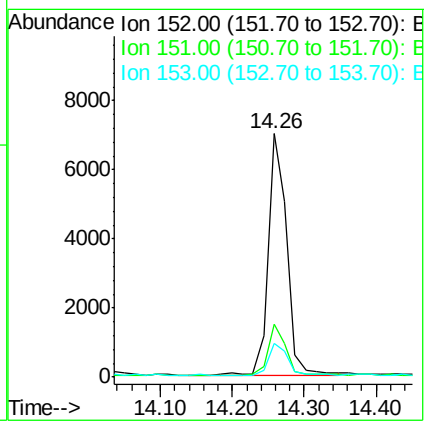
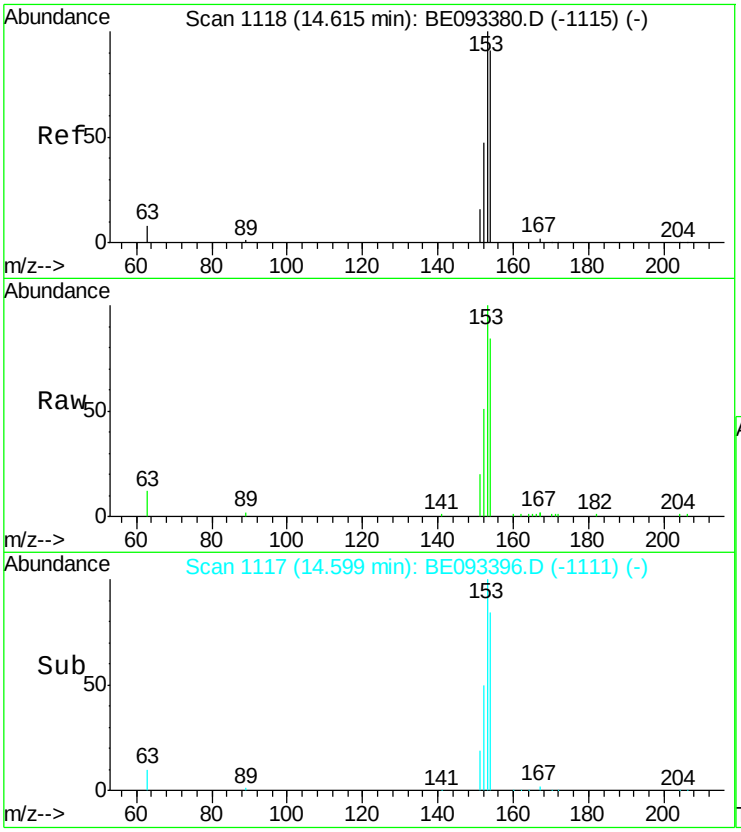


#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:152 Resp: 12611

Ion	Ratio	Lower	Upper
152	100		
151	20.0	4.0	6.0#
153	13.3	10.3	15.5

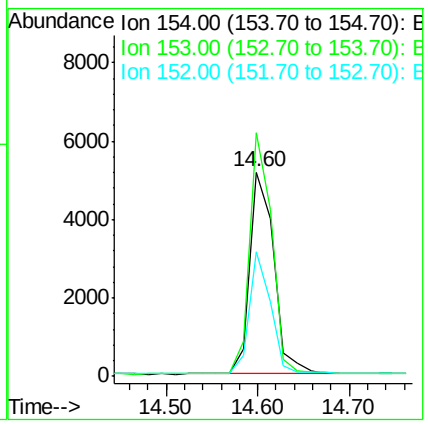




#17
Acenaphthene
Concen: 0.403 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:154 Resp: 9514

Ion	Ratio	Lower	Upper
154	100		
153	109.8	91.2	136.8
152	53.1	44.8	67.2



Instrument :
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ClientSampleId :
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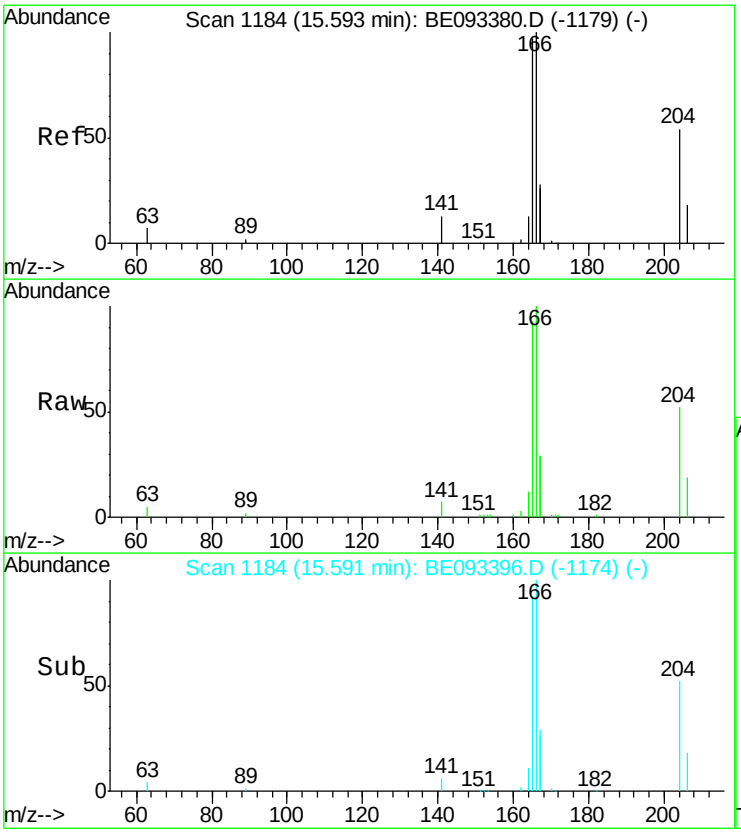
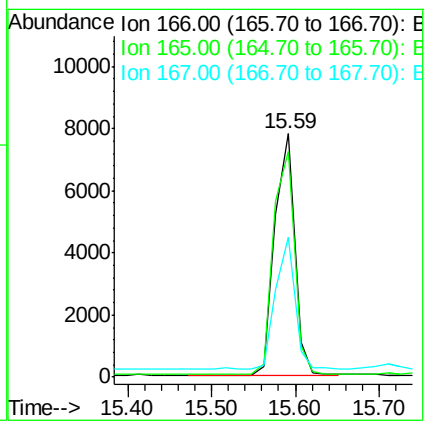
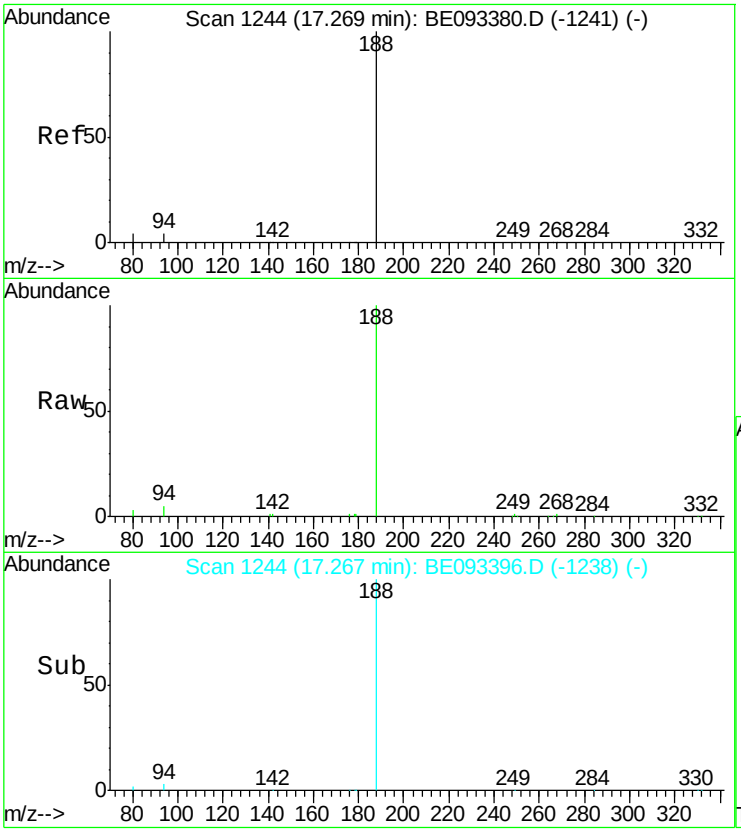


#18
Fluorene
Concen: 0.397 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:166 Resp: 12891

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	53.5	11.1	16.7#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:188 Resp: 24951

Ion	Ratio	Lower	Upper
188	100		
94	4.6	11.3	16.9#
80	3.4	11.7	17.5#

Instrument :
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ClientSampleId :
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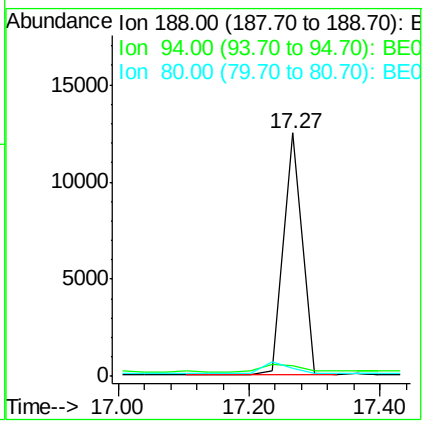
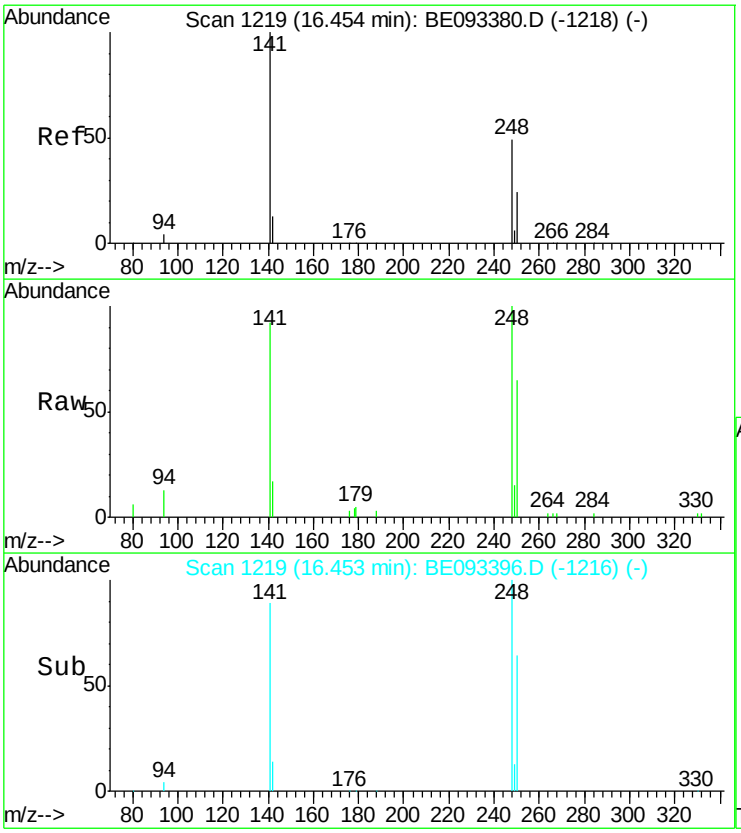
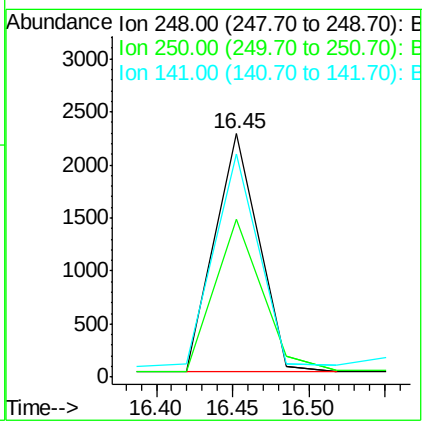


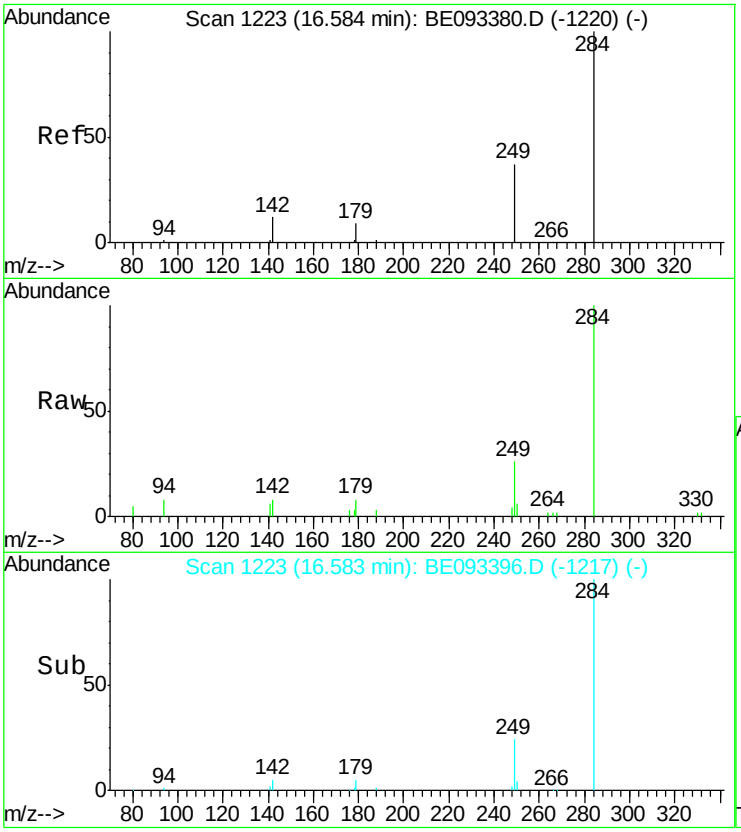


#20
4-Bromophenyl-phenylether
Concen: 0.728 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:248 Resp: 4482

Ion	Ratio	Lower	Upper
248	100		
250	64.7	40.8	61.2#
141	91.8	161.6	242.4#

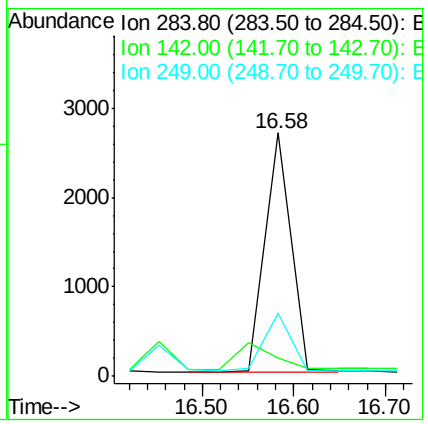




#21
Hexachlorobenzene
Concen: 0.554 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:284 Resp: 5292

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	24.4	0.0	0.0#



Instrument :
BNA_E
ClientSampleId :
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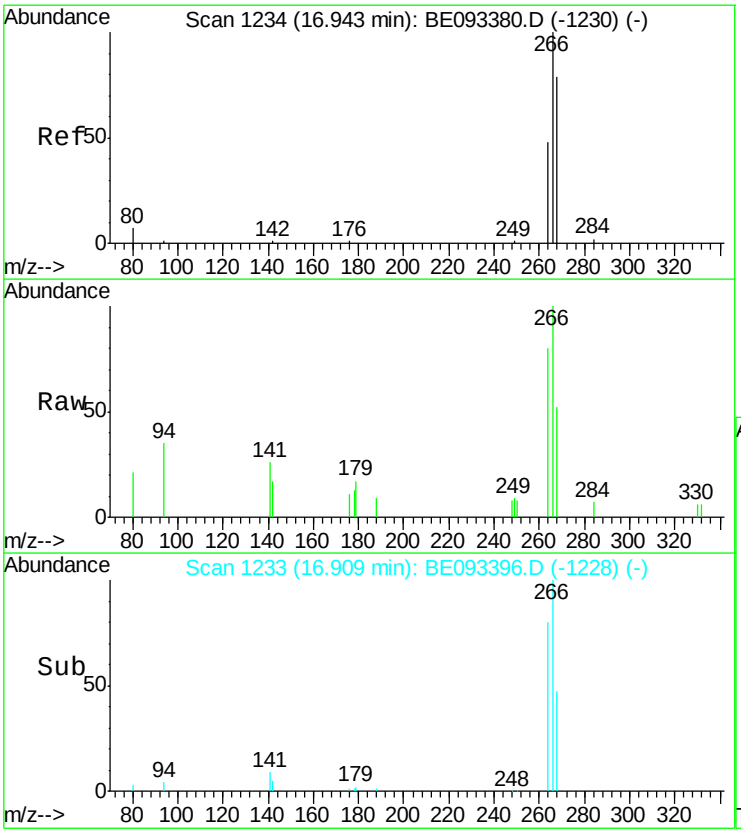
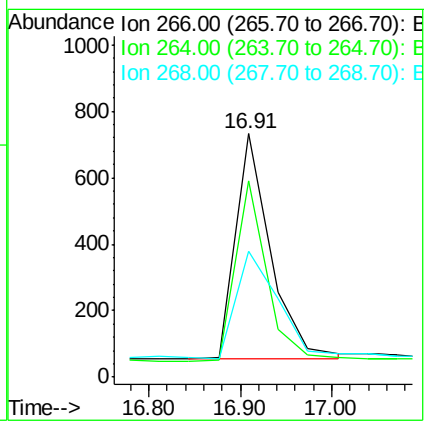
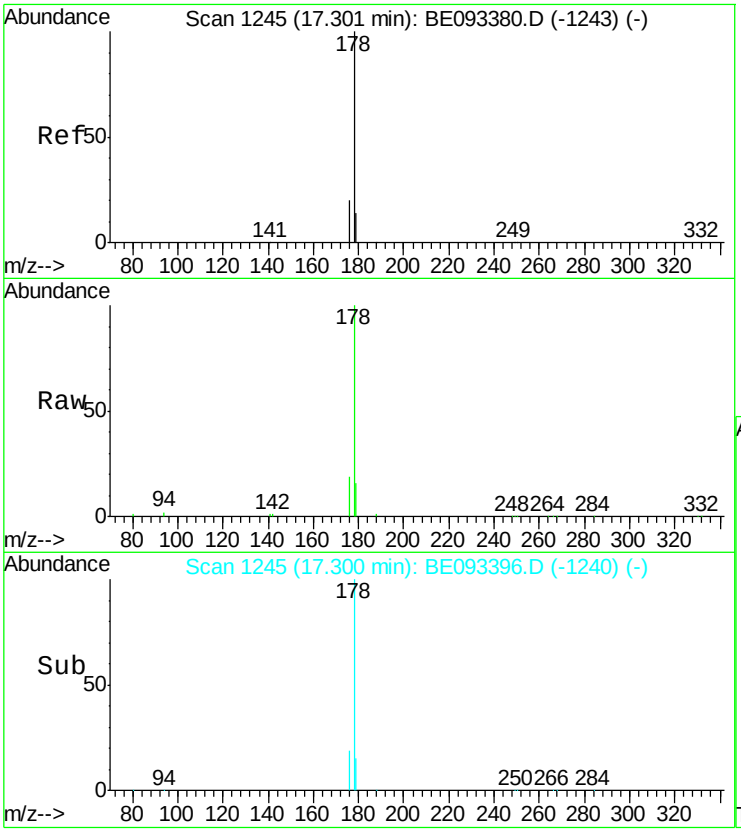


#22
Pentachlorophenol
Concen: 1.486 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:266 Resp: 1827

Ion	Ratio	Lower	Upper
266	100		
264	80.4	58.2	87.2
268	51.6	71.9	107.9#

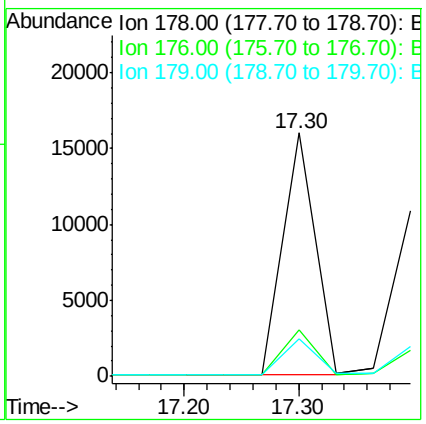




#23
Phenanthrene
Concen: 0.522 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:178 Resp: 31527

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.3	12.7	19.1



Instrument :
BNA_E
ClientSampleId :
MH-117N-20170627MS

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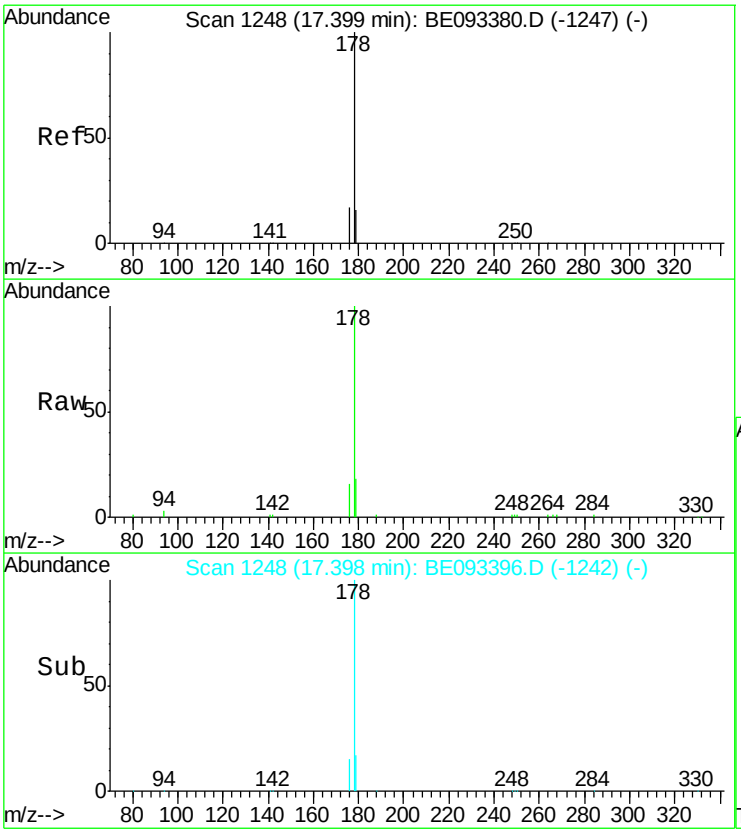
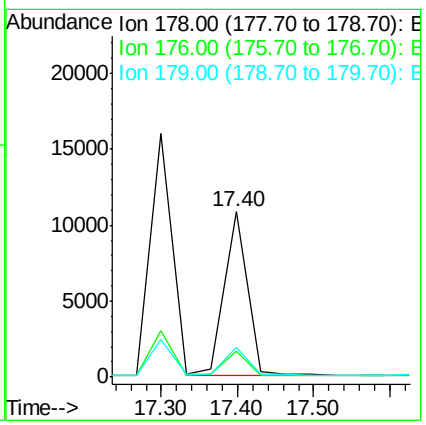
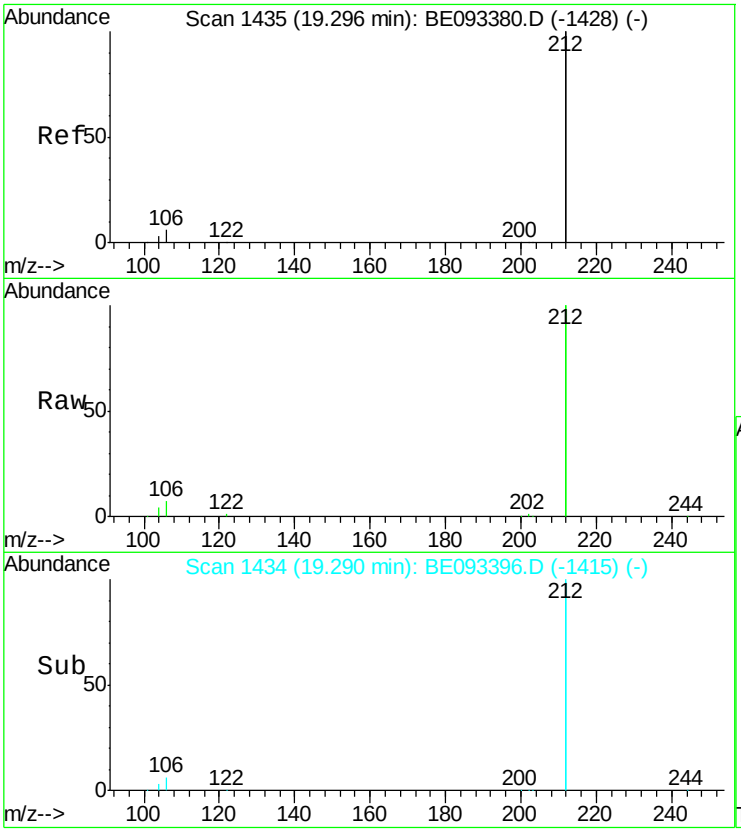


#24
Anthracene
Concen: 0.375 ng m
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:178 Resp: 22807

Ion	Ratio	Lower	Upper
178	100		
176	13.8	14.6	22.0#
179	15.3	12.0	18.0

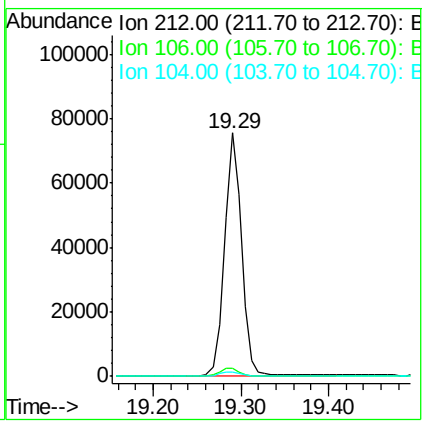




#25
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:212 Resp: 101376

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	2.0	1.6	2.4



Instrument :
BNA_E
ClientSampleId :
MH-117N-20170627MS

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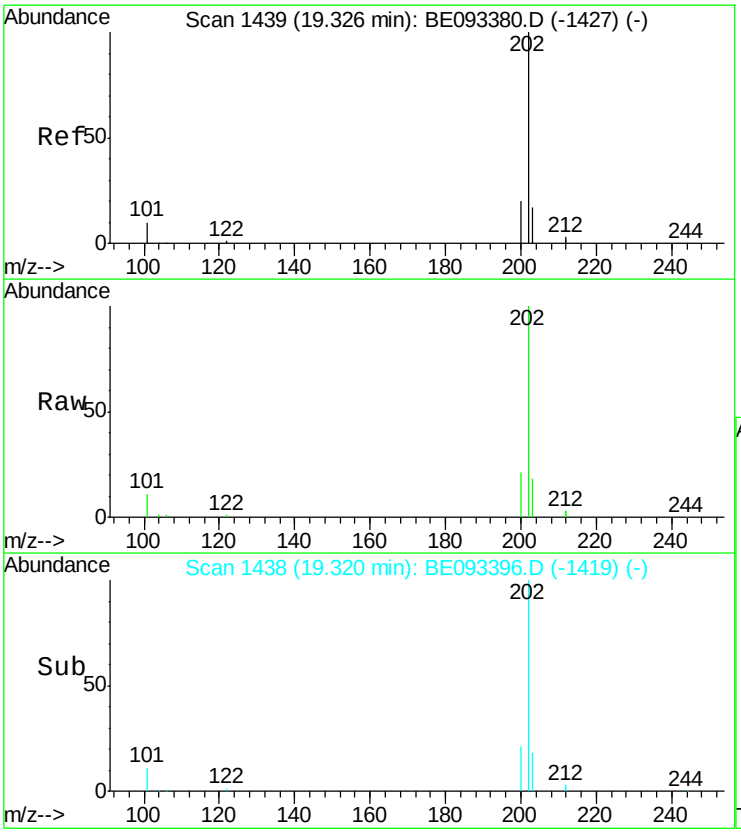
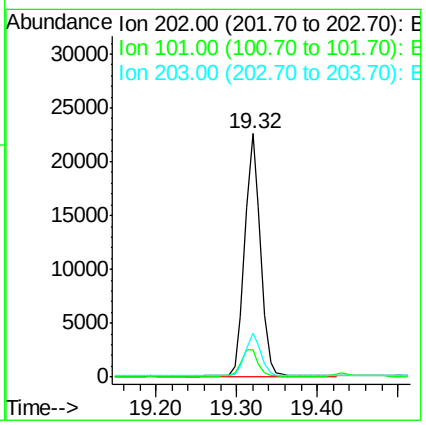
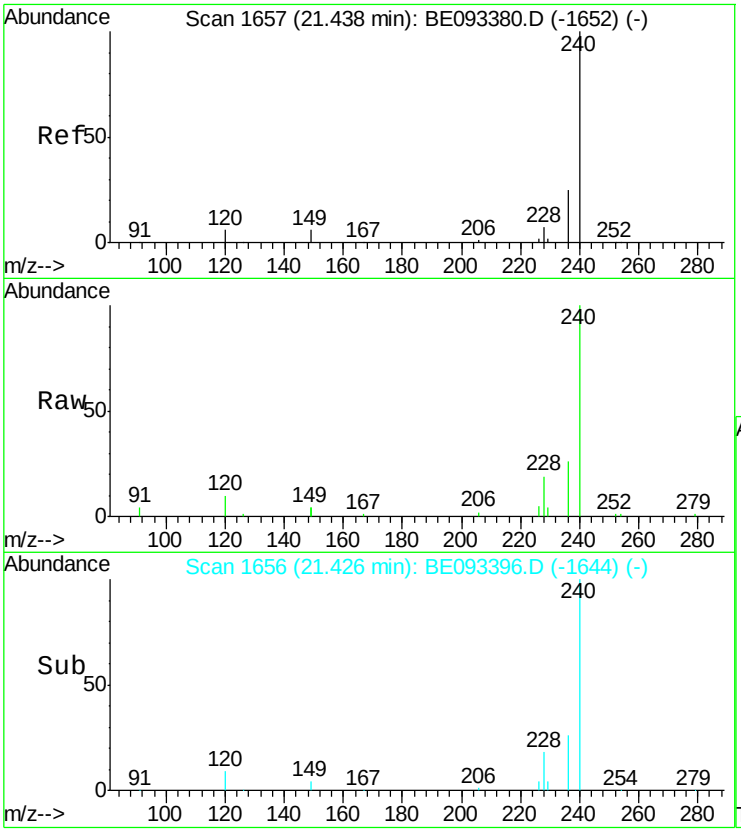


#26
Fluoranthene
Concen: 0.463 ng
RT: 19.32 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:202 Resp: 30292

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	18.0	14.4	21.6

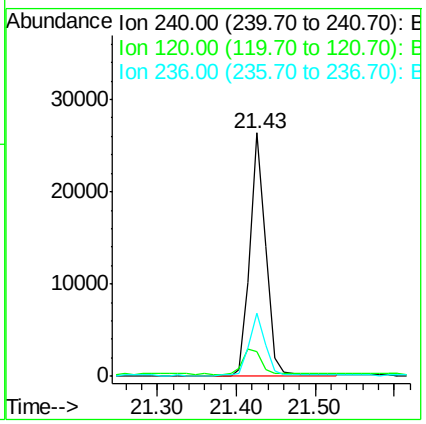




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:240 Resp: 35865

Ion	Ratio	Lower	Upper
240	100		
120	10.1	4.6	7.0#
236	26.0	20.8	31.2



Instrument :
BNA_E
ClientSampleId :
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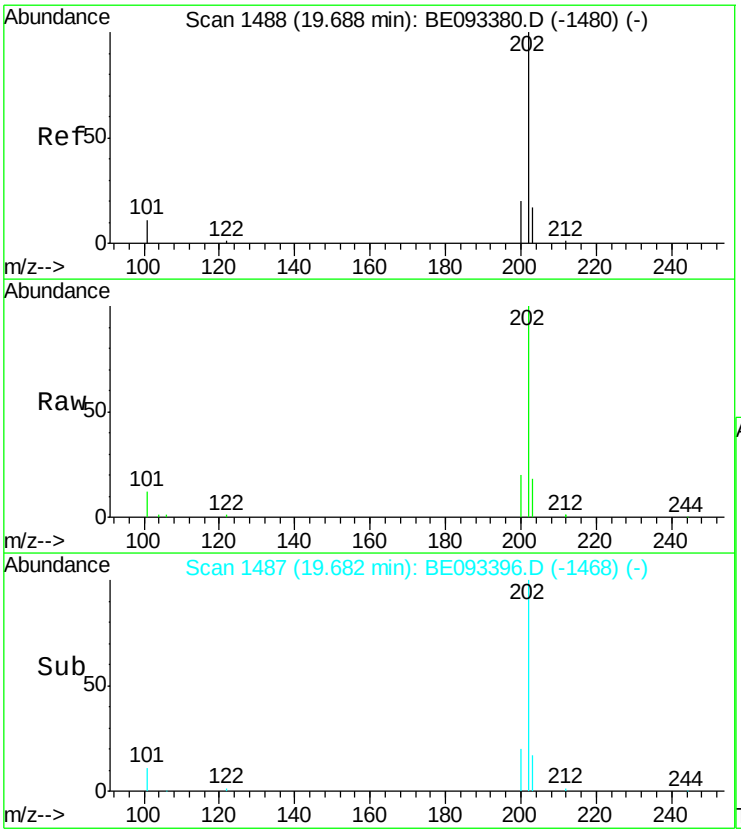
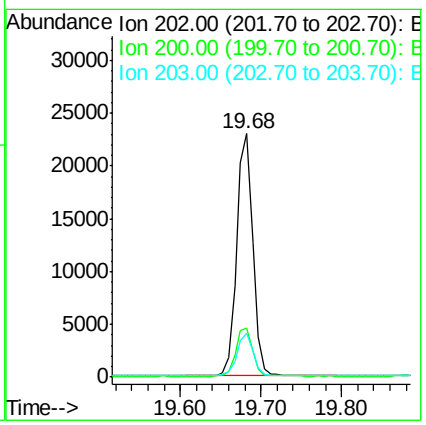
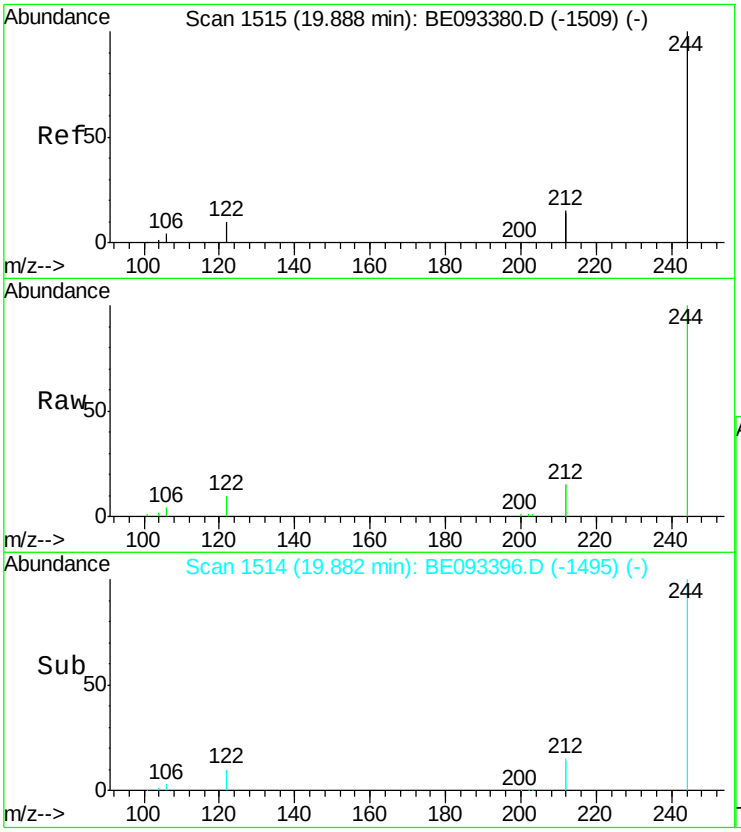


#28
Pyrene
Concen: 0.337 ng
RT: 19.68 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:202 Resp: 31863

Ion	Ratio	Lower	Upper
202	100		
200	20.9	0.0	0.0#
203	17.9	13.7	20.5





#29
Terphenyl-d14
Concen: 0.408 ng
RT: 19.88 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:244 Resp: 27140

Ion	Ratio	Lower	Upper
244	100		
212	30.4	10.6	16.0#
122	10.4	15.4	23.0#

Instrument :
BNA_E
ClientSampleId :
MH-117N-20170627MS

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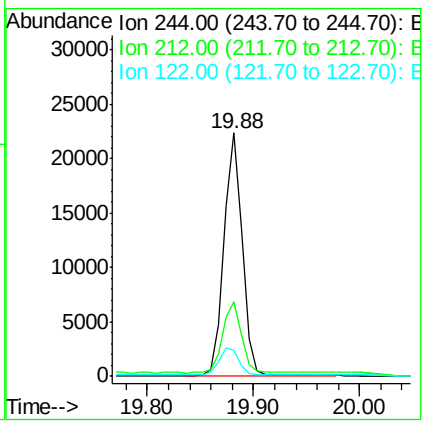
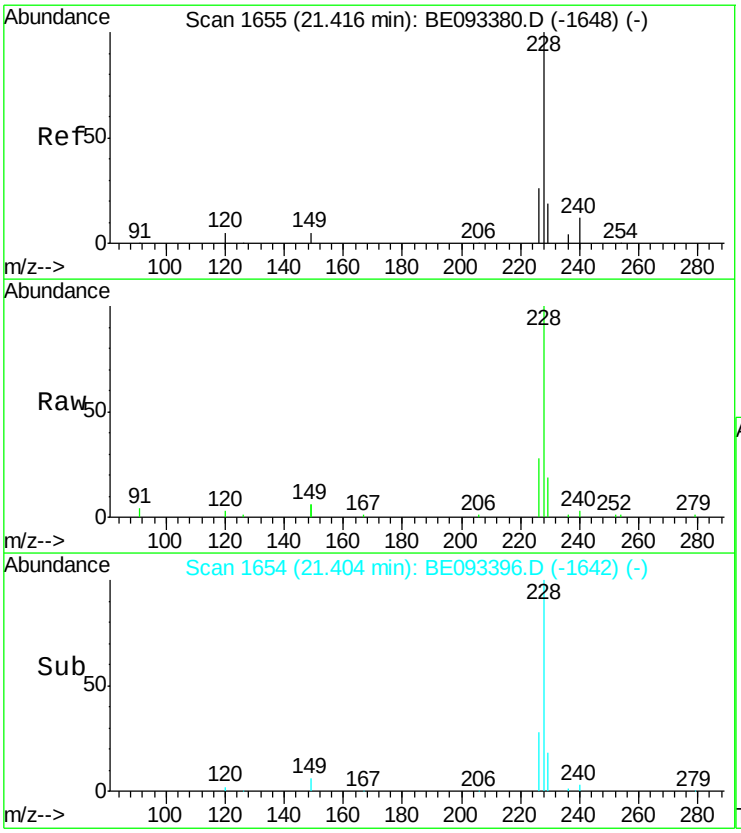
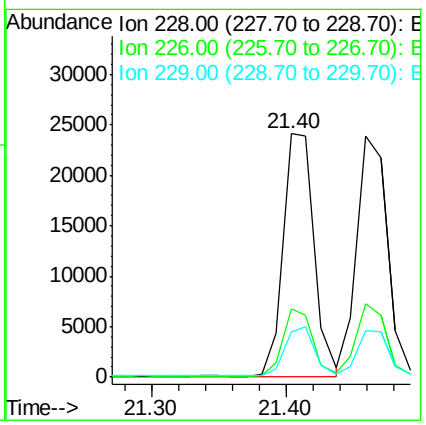


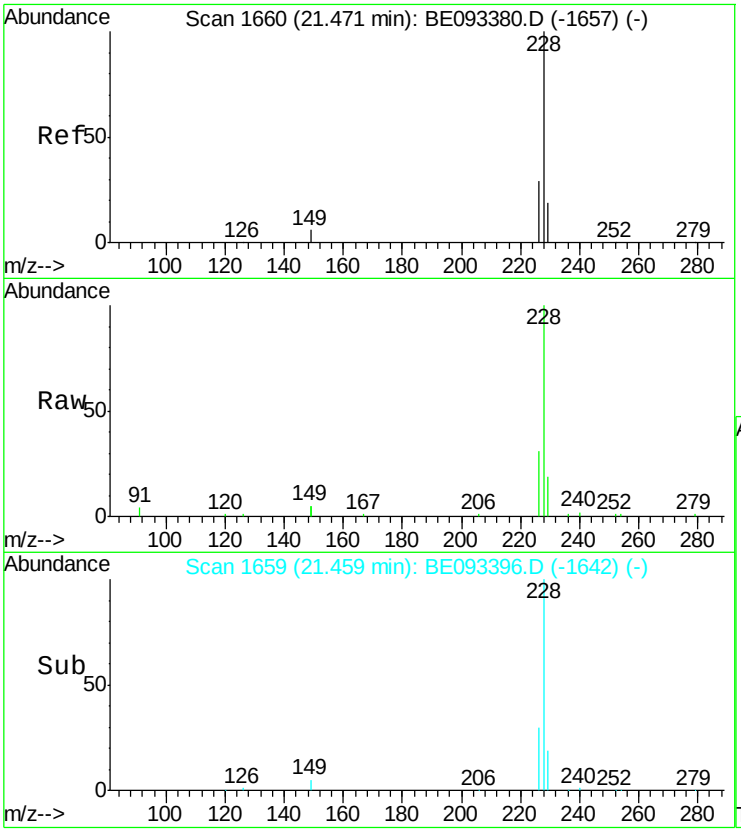


#30
Benzo(a)anthracene
Concen: 0.396 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:228 Resp: 38620

Ion	Ratio	Lower	Upper
228	100		
226	28.1	19.7	29.5
229	18.5	19.2	28.8#





#31
Chrysene
Concen: 0.371 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:228 Resp: 37857

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.5	32.3
229	19.0	18.6	28.0

Instrument :
BNA_E
ClientSampleId :
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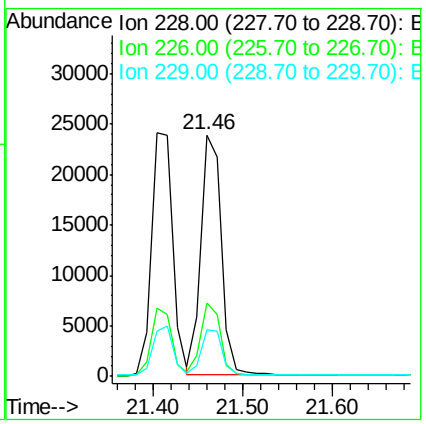
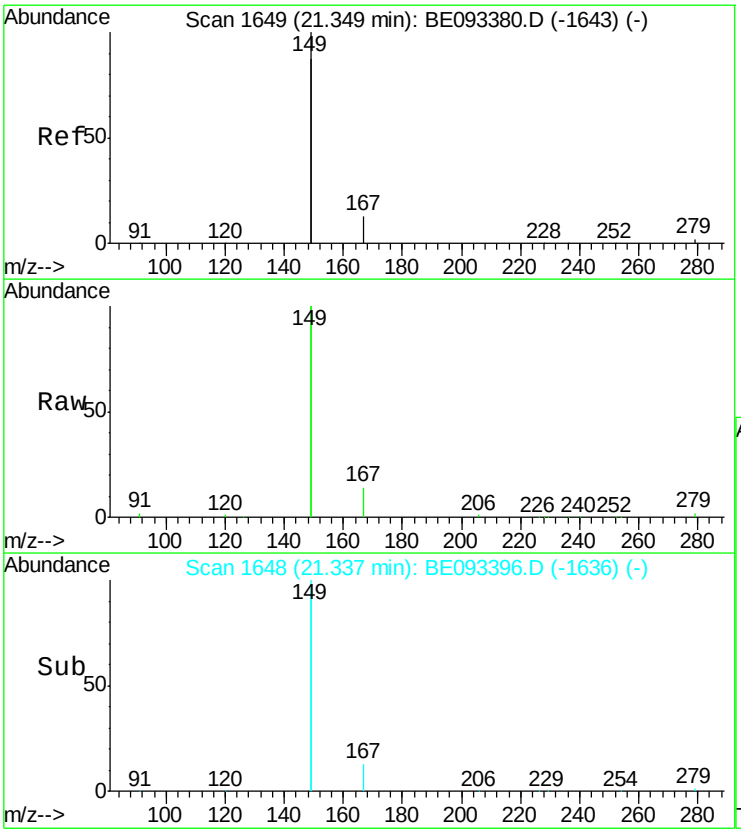
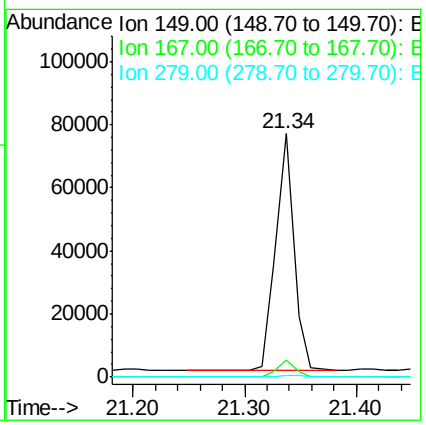


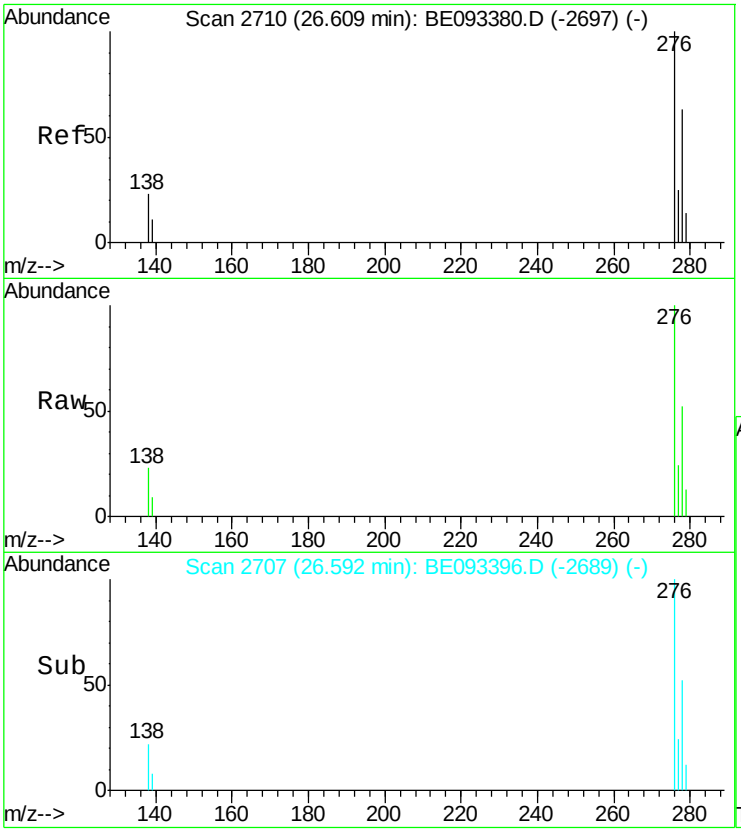


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.595 ng
RT: 21.34 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:149 Resp: 85980

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	1.0	2.2	3.4#





#33
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng
RT: 26.59 min Scan# 2707
Delta R.T. -0.02 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:276 Resp: 43188

Ion	Ratio	Lower	Upper
276	100		
138	24.1	27.4	41.2#
277	24.7	20.1	30.1

Instrument :
BNA_E
ClientSampleId :
MH-117N-20170627MS

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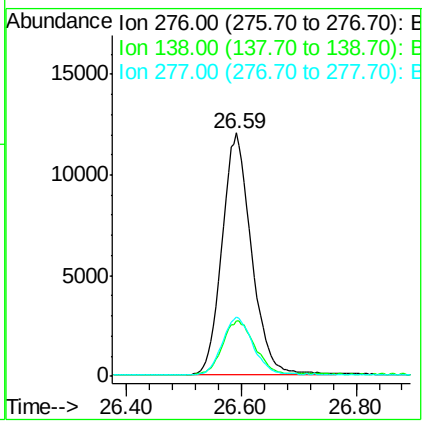
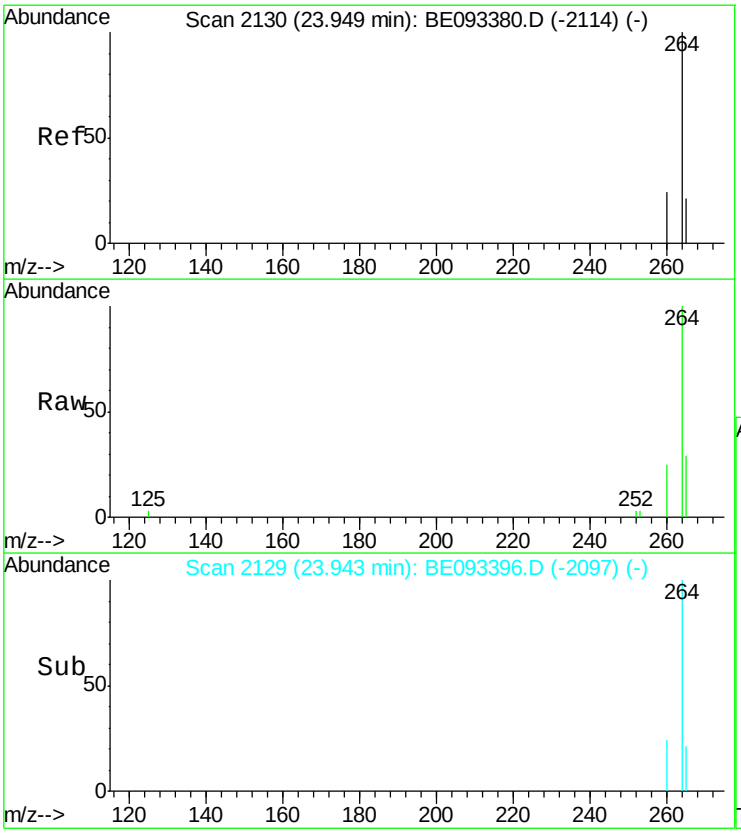
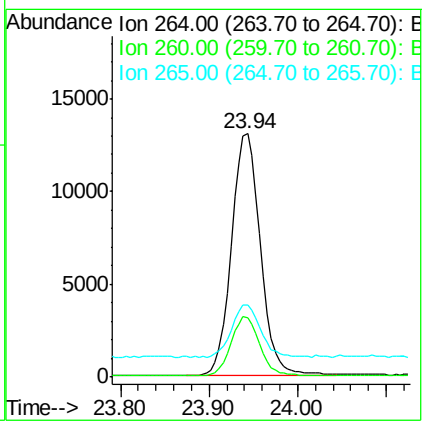


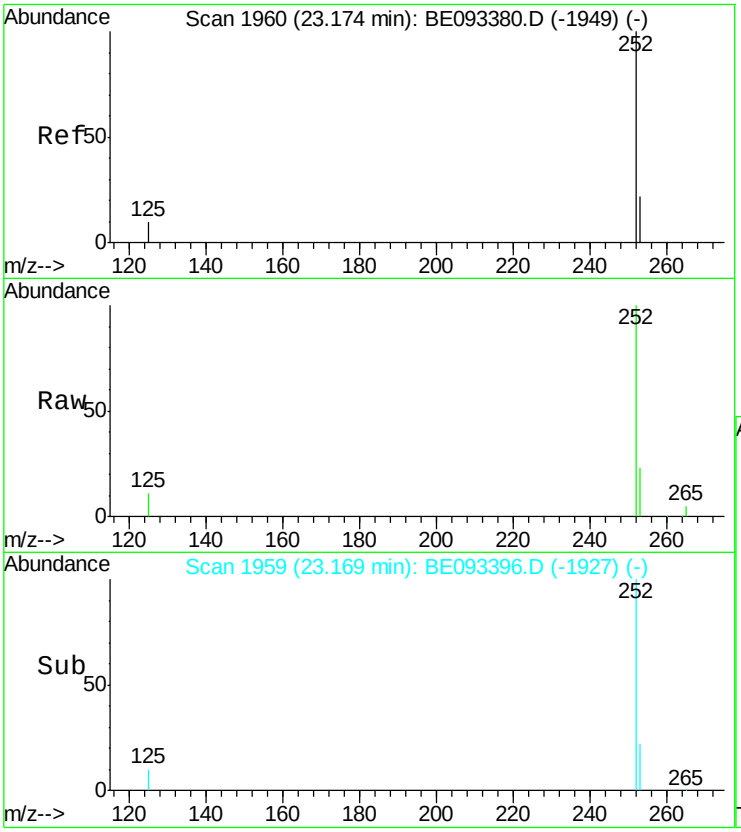


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:264 Resp: 29701

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.0	31.4
265	29.4	24.6	36.8





#35
Benzo(b)fluoranthene
Concen: 0.436 ng
RT: 23.17 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:252 Resp: 40686

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.2	13.4	20.0#

Instrument :
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ClientSampleId :
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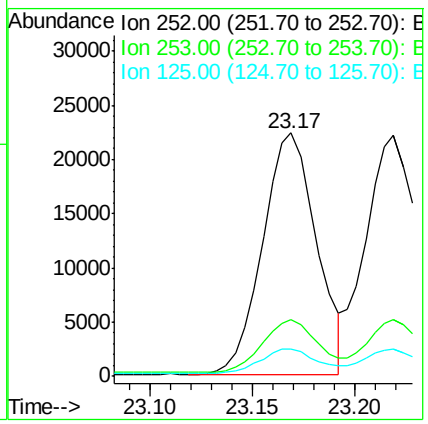
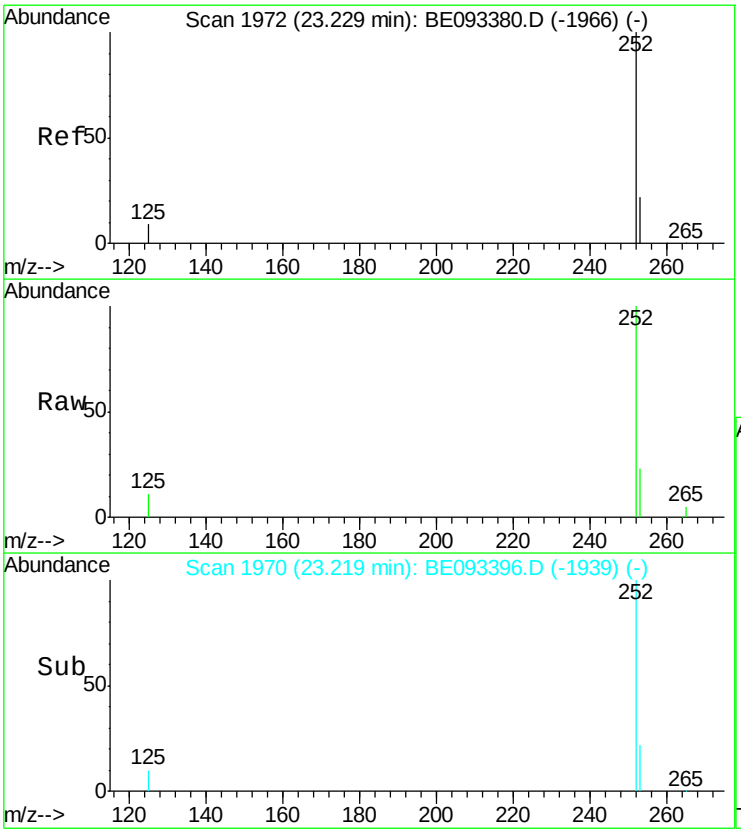
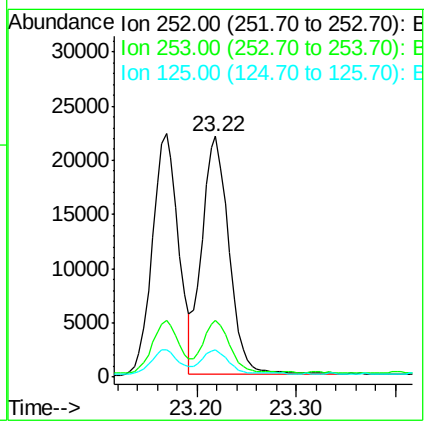


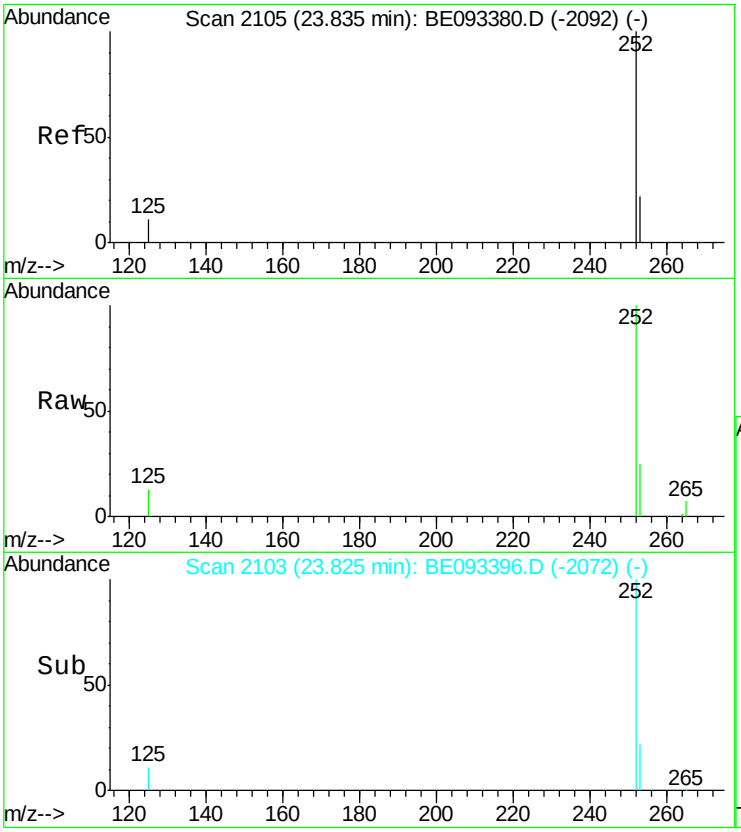


#36
Benzo(k)fluoranthene
Concen: 0.441 ng
RT: 23.22 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:252 Resp: 41244

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	11.1	12.2	18.4#





#37
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.82 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:252 Resp: 33402

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.9	29.9
125	12.6	14.6	21.8#

Instrument :
BNA_E
ClientSampleId :
MH-117N-20170627MS

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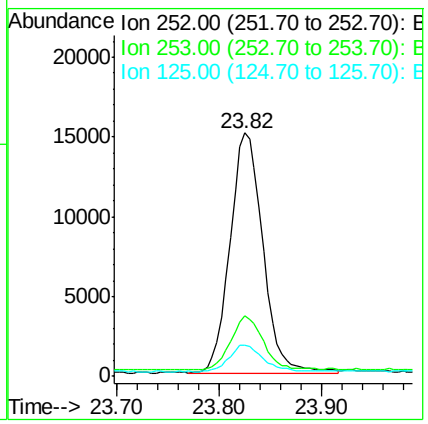
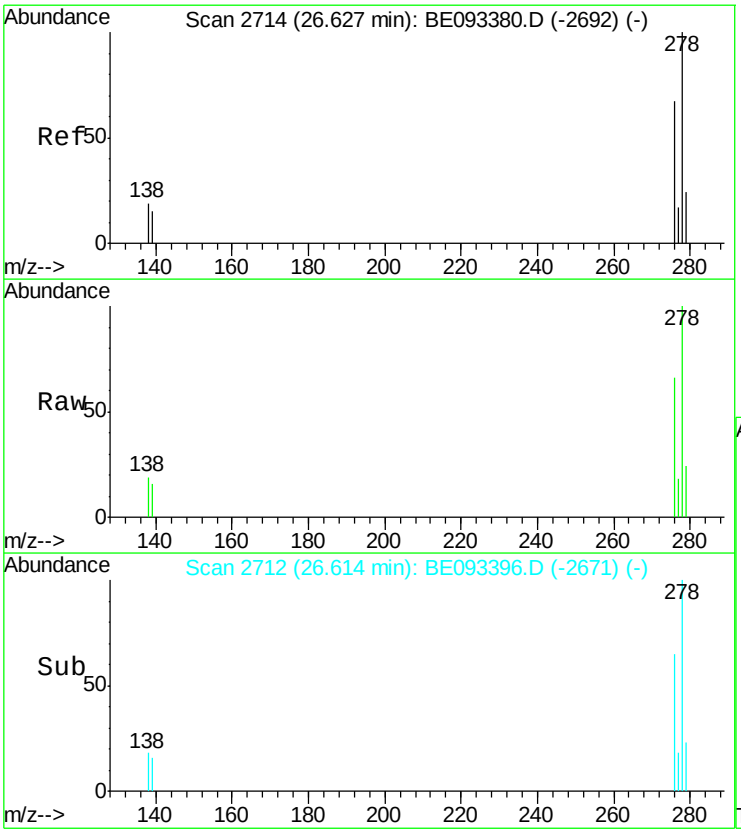
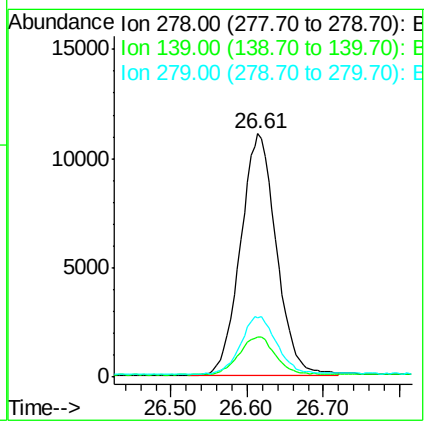


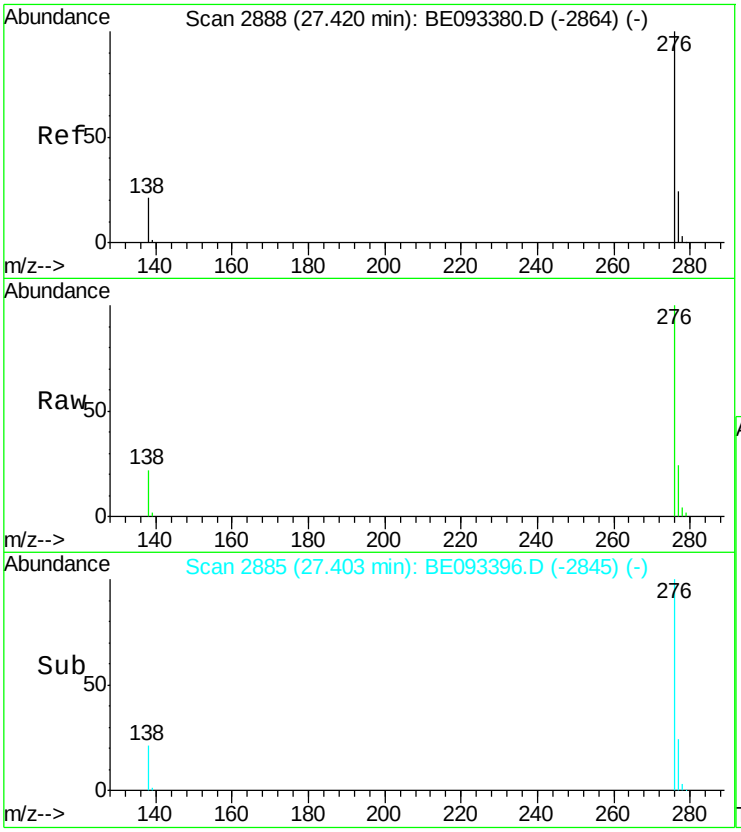


#38
Dibenzo(a,h)anthracene
Concen: 0.431 ng
RT: 26.61 min Scan# 2712
Delta R.T. -0.01 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:278 Resp: 36333

Ion	Ratio	Lower	Upper
278	100		
139	16.4	21.4	32.0#
279	24.3	22.2	33.2

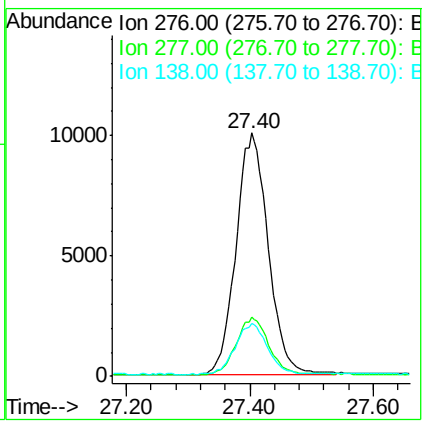




#39
Benzo(g,h,i)perylene
Concen: 0.421 ng
RT: 27.40 min Scan# 2885
Delta R.T. -0.02 min
Lab File: BE093396.D
Acq: 1 Jul 2017 17:18

Tgt Ion:276 Resp: 36270

Ion	Ratio	Lower	Upper
276	100		
277	24.4	21.2	31.8
138	21.8	24.5	36.7#



Instrument :
BNA_E
ClientSampleId :
MH-117N-20170627MS

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