Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
Data File : BE097965.D
Acq On : 18 Oct 2018 2:14
Operator : SJ/JU
Sample : J5317-16MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MSD

Manual Integrations APPROVED
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Quant Time: Oct 18 11:21:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1893	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	8710	0.40	ng		-0.01
13) Acenaphthene-d10	14.54	164	6095	0.40	ng		-0.02
19) Phenanthrene-d10	17.29	188	16171	0.40	ng		-0.01
27) Chrysene-d12	21.47	240	18579	0.40	ng		-0.01
34) Perylene-d12	24.03	264	18567	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1249	0.21	ng		0.00
5) Phenol-d6	7.05	99	1101	0.12	ng		0.00
8) Nitrobenzene-d5	9.03	82	3405	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	12.28	152	5855m	0.40	ng		-0.02
14) 2,4,6-Tribromophenol	16.03	330	1340	0.41	ng		-0.01
15) 2-Fluorobiphenyl	13.16	172	9736	0.39	ng		-0.02
25) Fluoranthene-d10	19.33	212	88761	0.41	ng		0.00
29) Terphenyl-d14	19.92	244	17399	0.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	8950	2.712	ng		96
3) n-Nitrosodimethylamine	3.68	42	518	0.141	ng	#	77
6) bis(2-Chloroethyl)ether	7.30	93	2779	0.371	ng		93
9) Naphthalene	10.73	128	40629	0.468	ng		100
10) Hexachlorobutadiene	11.02	225	1702	0.364	ng		98
12) 2-Methylnaphthalene	12.35	142	7011	0.472	ng		96
16) Acenaphthylene	14.27	152	11696	0.415	ng		100
17) Acenaphthene	14.61	154	6938	0.403	ng		99
18) Fluorene	15.59	166	10417	0.440	ng		97
20) 4-Bromophenyl-phenylether	16.49	248	3569	0.404	ng	#	84
21) Hexachlorobenzene	16.60	284	3409	0.392	ng		94
22) Pentachlorophenol	16.95	266	2501	0.989	ng		97
23) Phenanthrene	17.34	178	18449m	0.449	ng		
24) Anthracene	17.42	178	17625	0.454	ng		99
26) Fluoranthene	19.36	202	23683	0.439	ng		98
28) Pyrene	19.72	202	24096	0.450	ng		100
30) Benzo(a)anthracene	21.46	228	24857	0.436	ng		99
31) Chrysene	21.52	228	23755	0.440	ng		99
32) Bis(2-ethylhexyl)phthalate	21.39	149	76252	0.644	ng		100
33) Indeno(1,2,3-cd)pyrene	26.73	276	22976	0.380	ng		99
35) Benzo(b)fluoranthene	23.25	252	23245	0.435	ng	#	94
36) Benzo(k)fluoranthene	23.30	252	22163	0.398	ng	#	95
37) Benzo(a)pyrene	23.92	252	21173	0.407	ng	#	93
38) Dibenzo(a,h)anthracene	26.75	278	20112	0.394	ng	#	95
39) Benzo(g,h,i)perylene	27.55	276	18615	0.356	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
Data File : BE097965.D
Acq On : 18 Oct 2018 2:14
Operator : SJ/JU
Sample : J5317-16MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 18 11:21:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MSD

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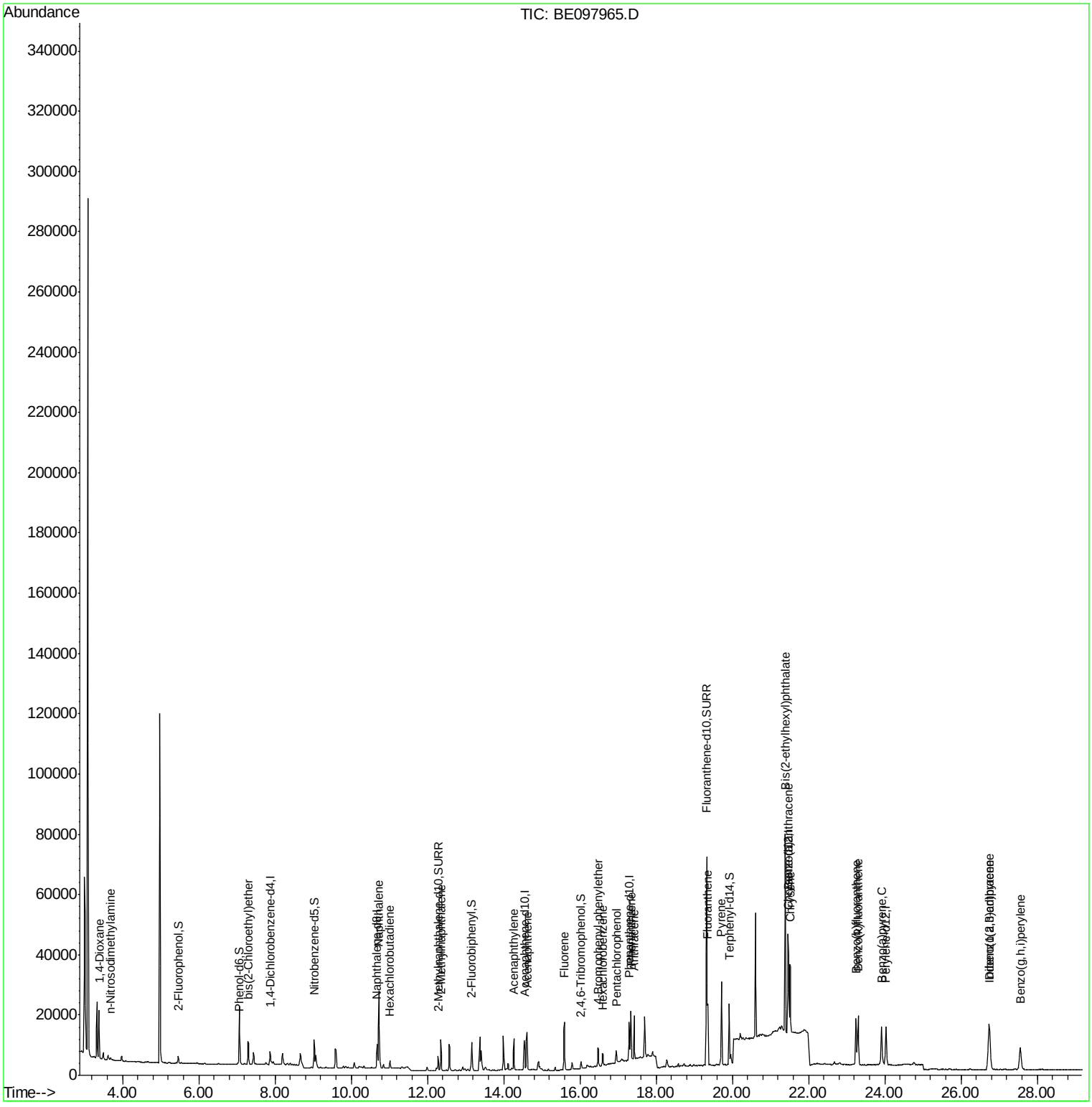
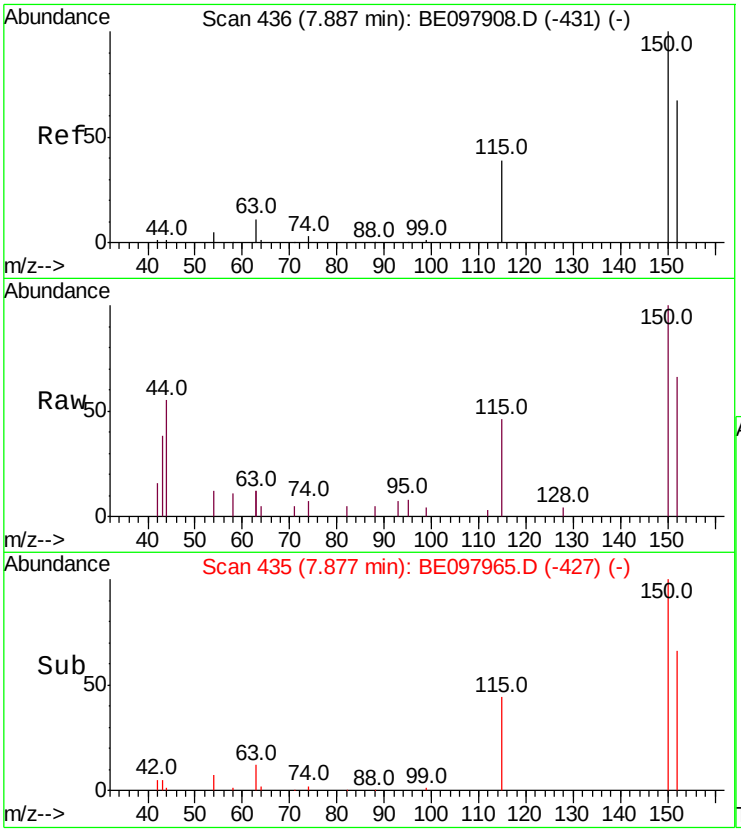
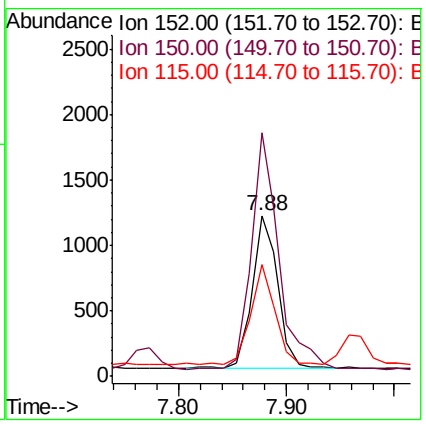




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:152 Resp: 1893

Ion	Ratio	Lower	Upper
152	100		
150	151.3	118.2	177.4
115	69.2	50.9	76.3



Instrument :
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ClientSampleId :
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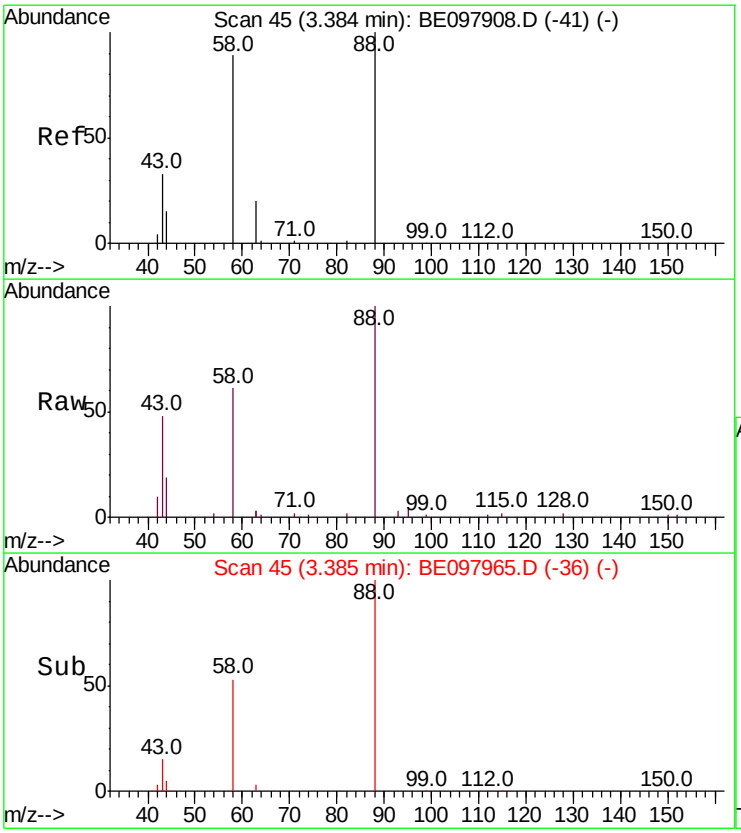
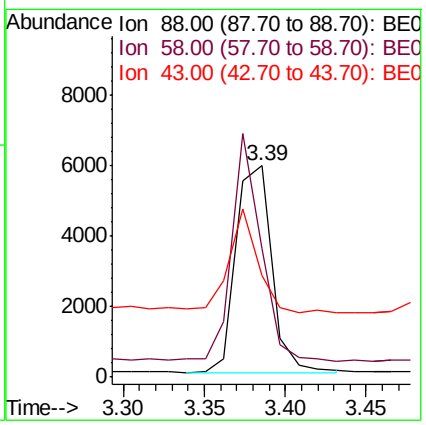
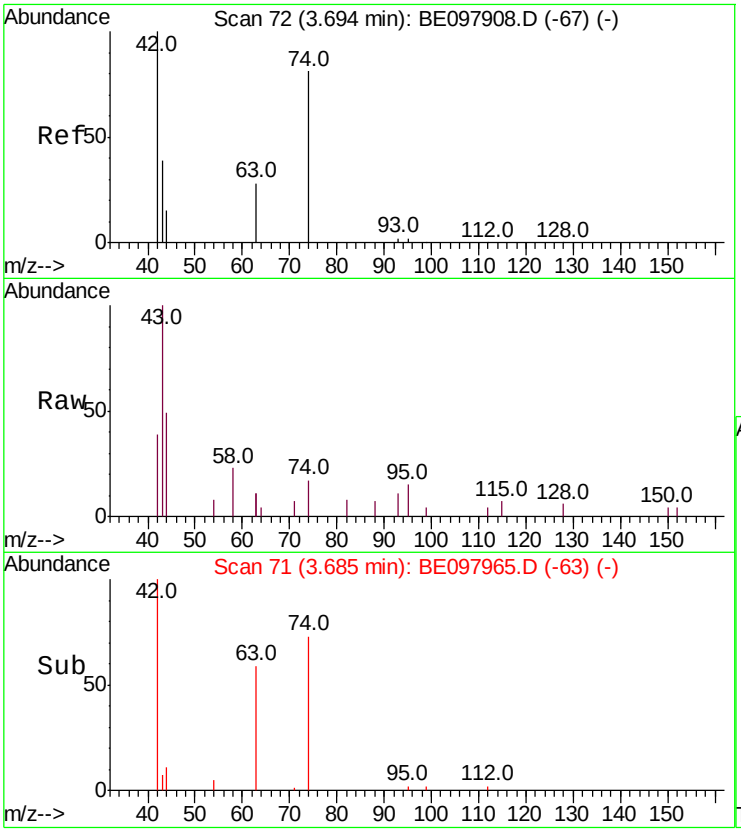


#2
1,4-Dioxane
Concen: 2.712 ng
RT: 3.39 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion: 88 Resp: 8950

Ion	Ratio	Lower	Upper
88	100		
58	89.0	73.2	109.8
43	41.8	36.9	55.3

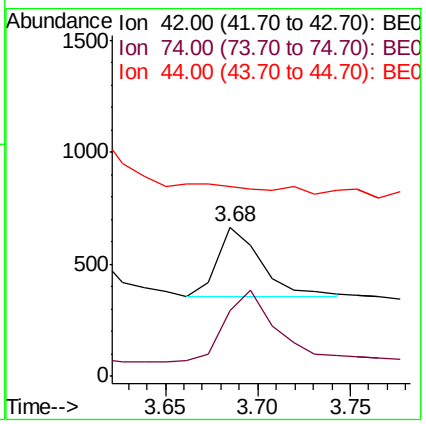




#3
n-Nitrosodimethylamine
Concen: 0.141 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion: 42 Resp: 518

Ion	Ratio	Lower	Upper
42	100		
74	119.7	77.6	116.4#
44	0.0	7.6	11.4#



Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MSD

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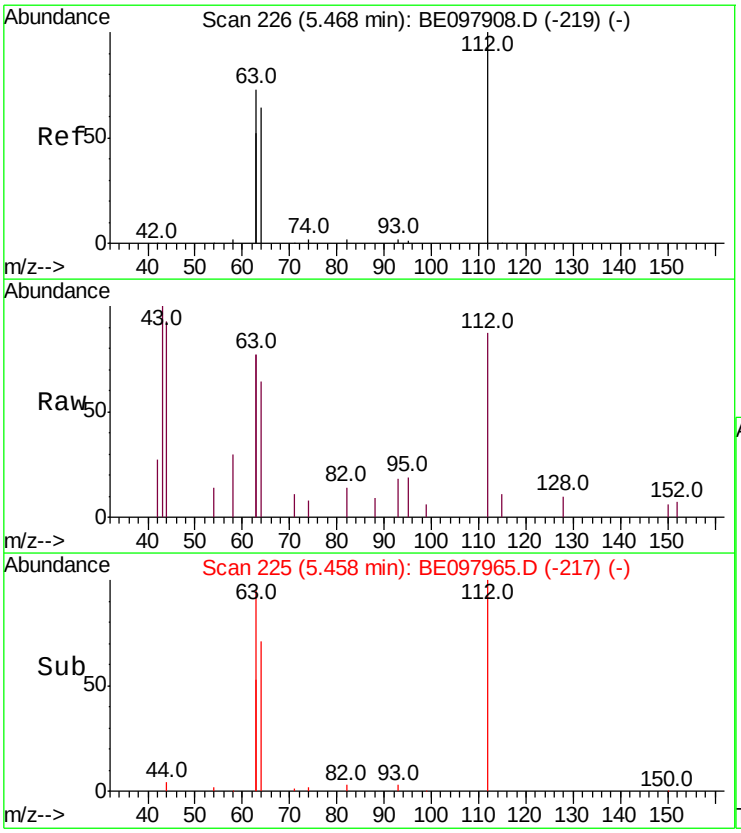
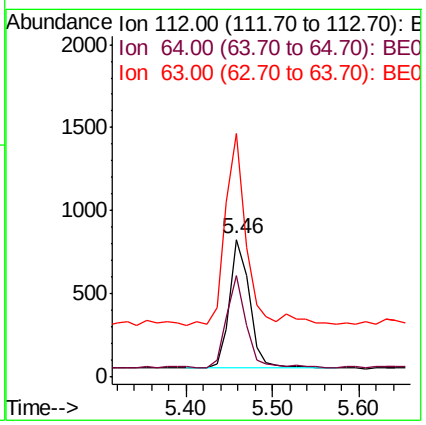
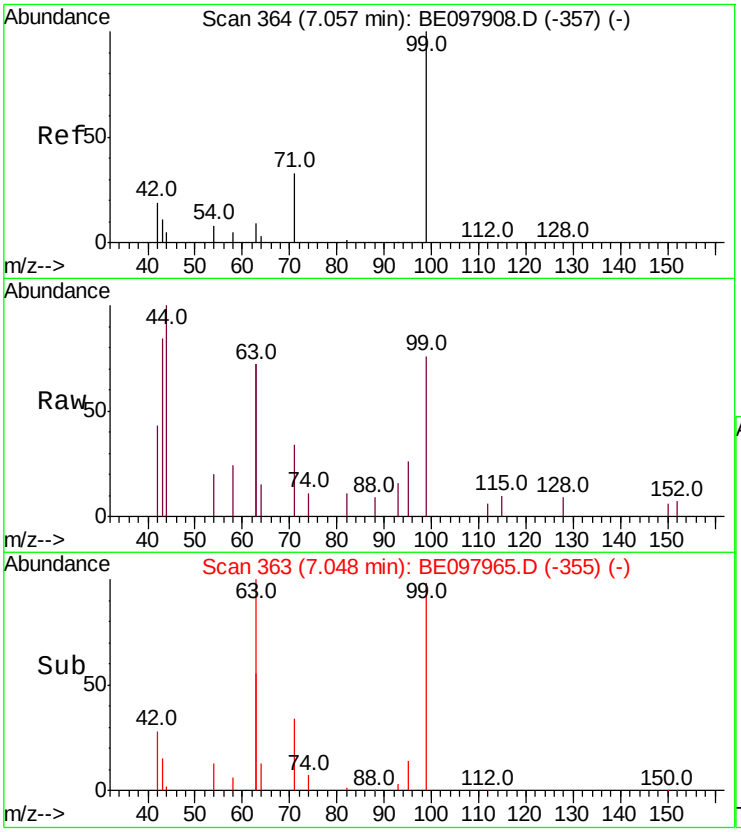


#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:112 Resp: 1249

Ion	Ratio	Lower	Upper
112	100		
64	66.5	58.9	88.3
63	149.2	120.3	180.5





#5
Phenol-d6
Concen: 0.125 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion: 99 Resp: 1101

Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.9	29.9#
71	45.1	27.8	41.8#

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MSD

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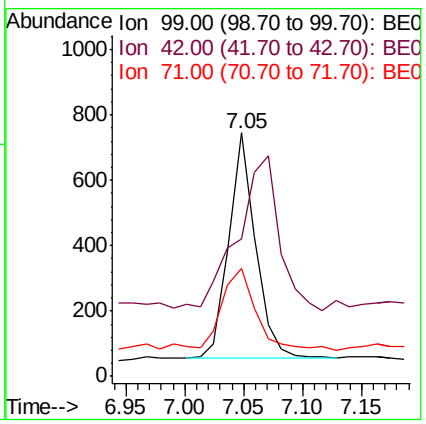
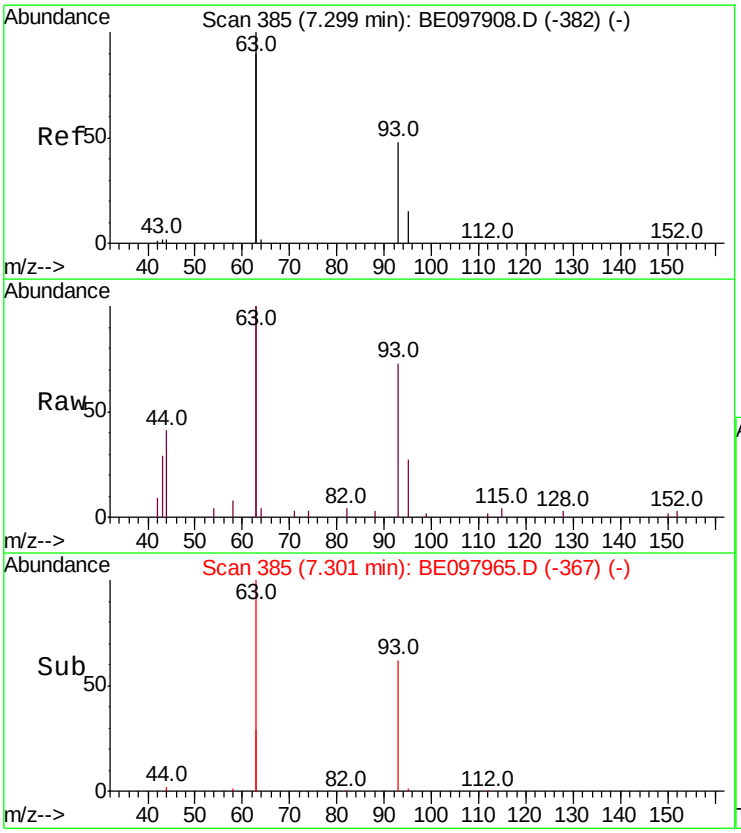
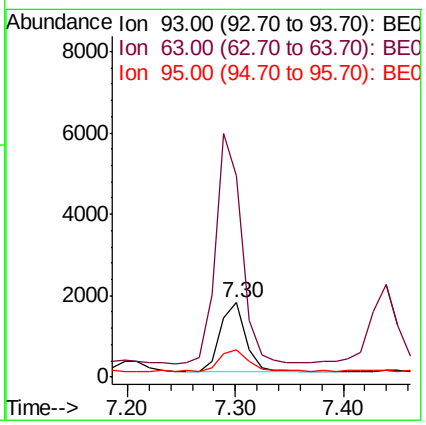


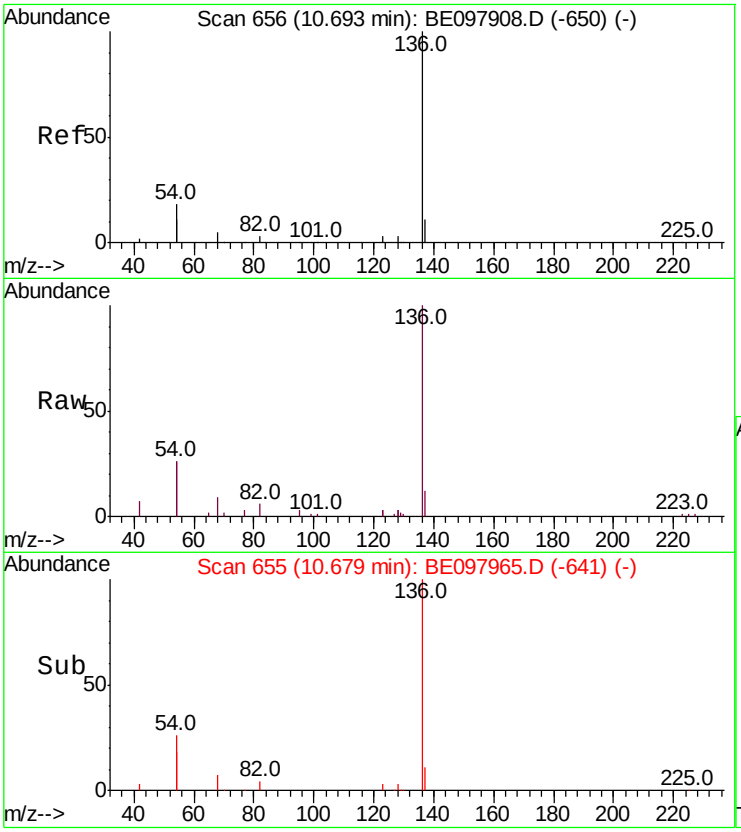


#6
bis(2-Chloroethyl)ether
Concen: 0.371 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion: 93 Resp: 2779

Ion	Ratio	Lower	Upper
93	100		
63	340.3	259.0	388.4
95	34.1	27.8	41.8

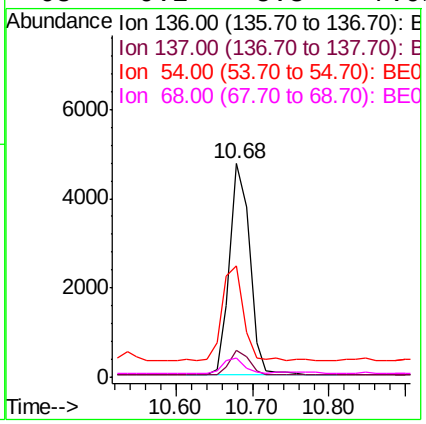




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:136 Resp: 8710

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	51.9	27.7	41.5#
68	9.2	5.3	7.9#



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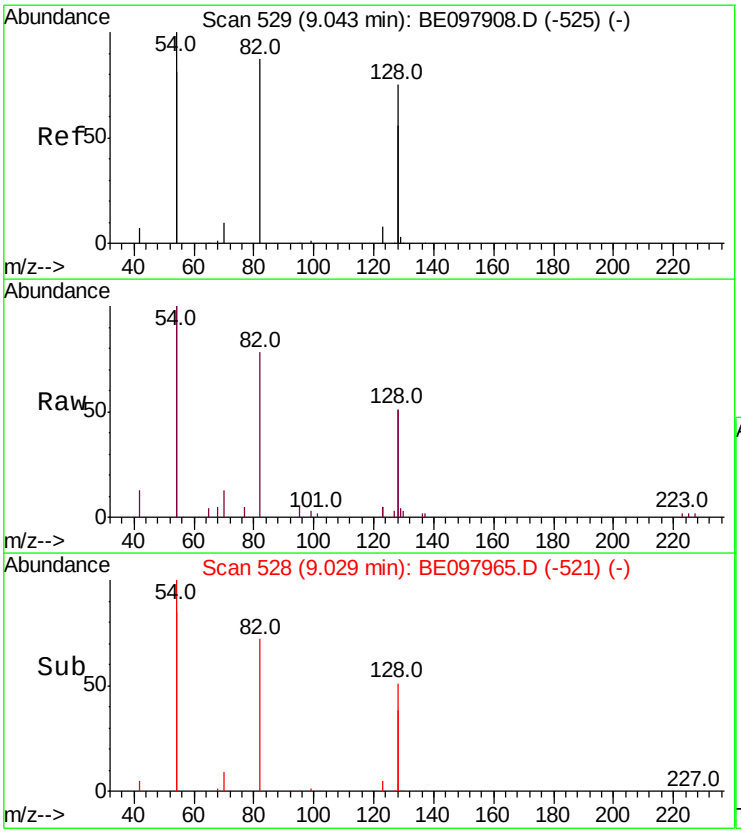
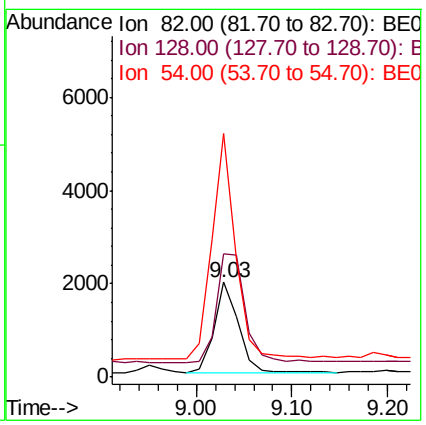
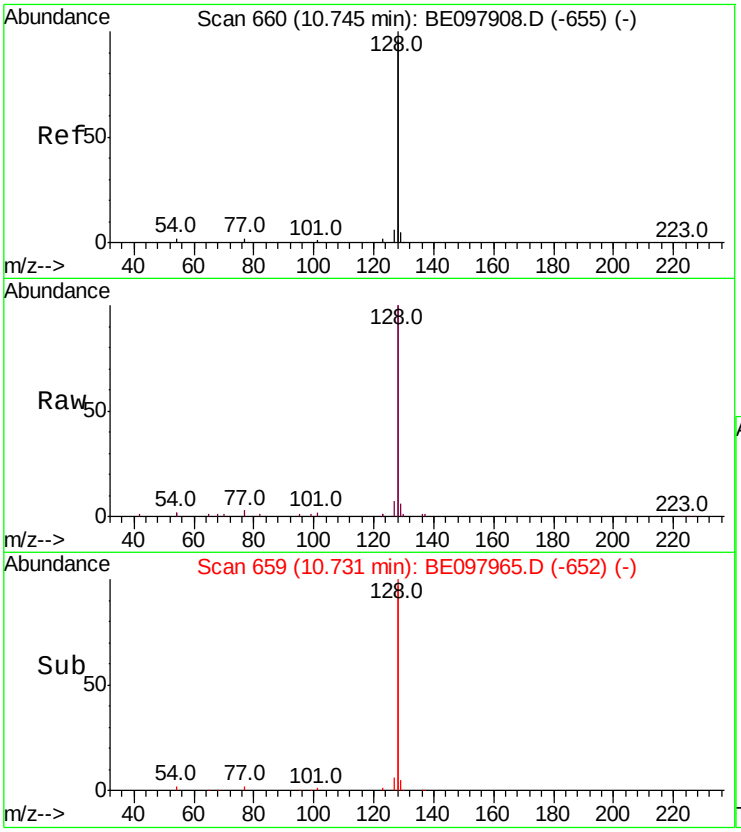


#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion: 82 Resp: 3405

Ion	Ratio	Lower	Upper
82	100		
128	131.0	129.9	194.9
54	257.7	174.0	261.0

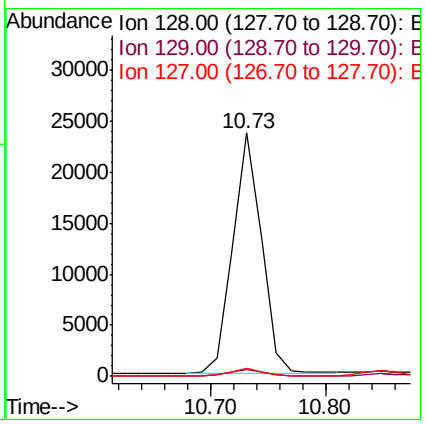




#9
Naphthalene
Concen: 0.468 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:128 Resp: 40629

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.4	2.8	4.2



Instrument :
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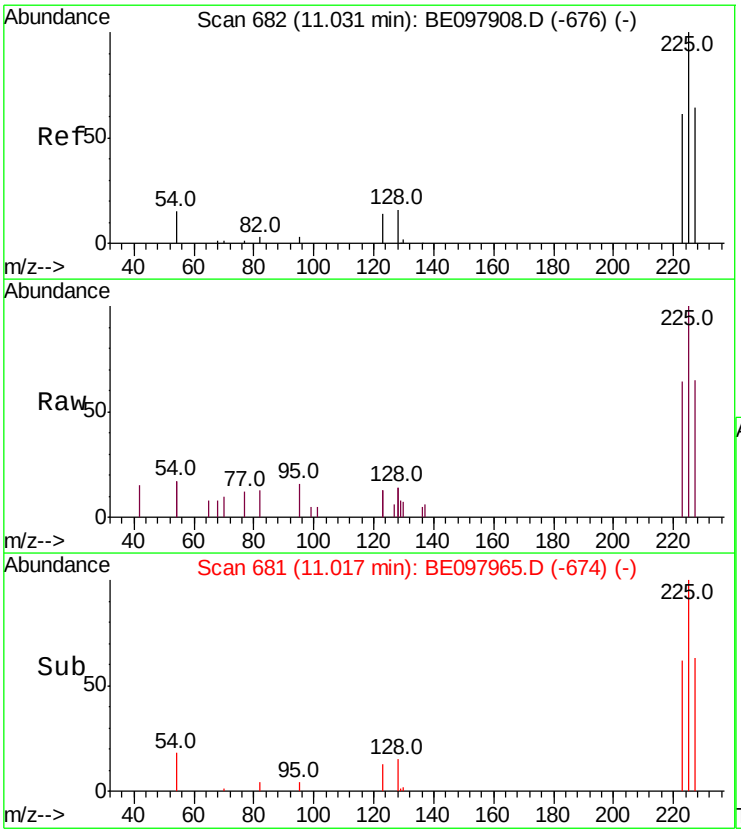
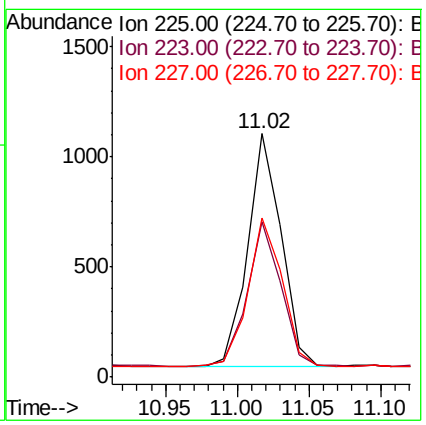
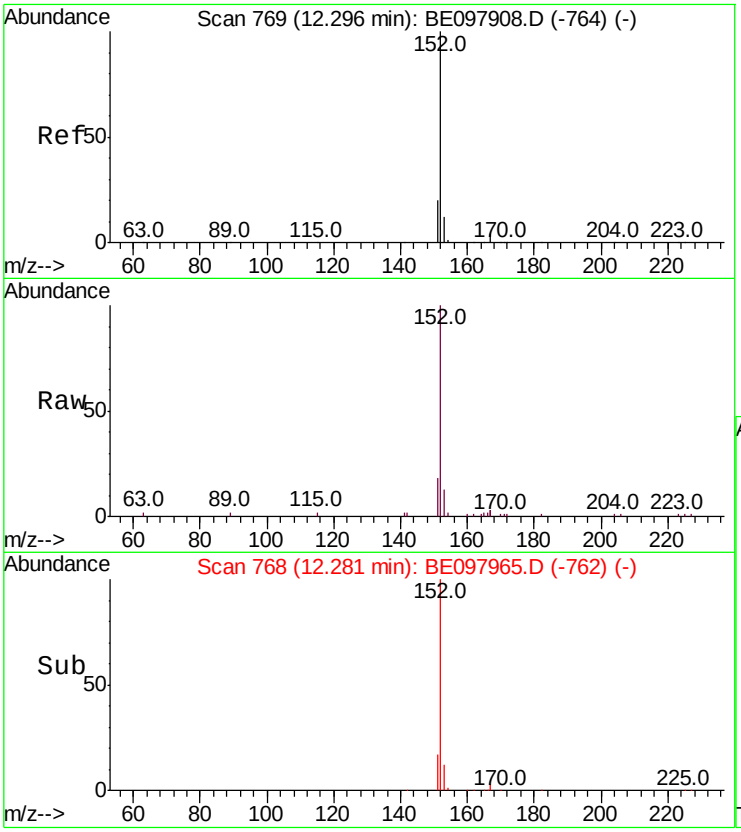


#10
Hexachlorobutadiene
Concen: 0.364 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:225 Resp: 1702

Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.8	77.8
227	65.6	53.0	79.6

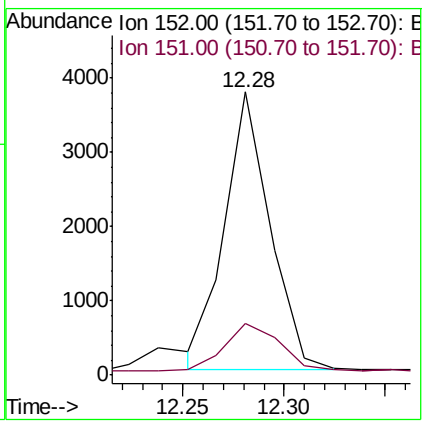




#11
2-Methylnaphthalene-d10
Concen: 0.404 ng m
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:152 Resp: 5855

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



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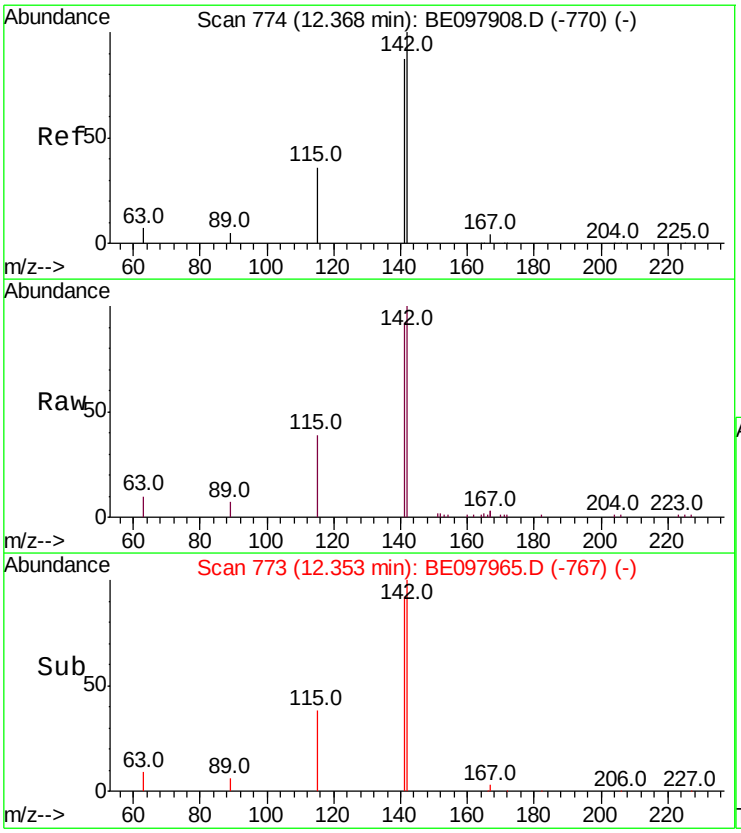
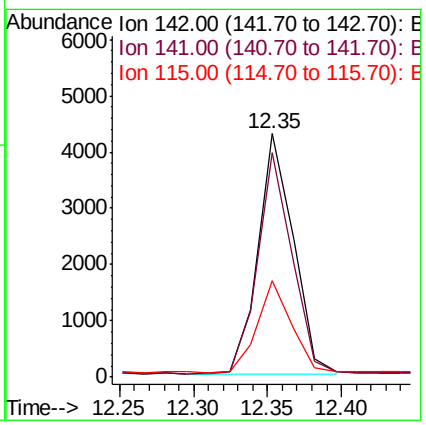
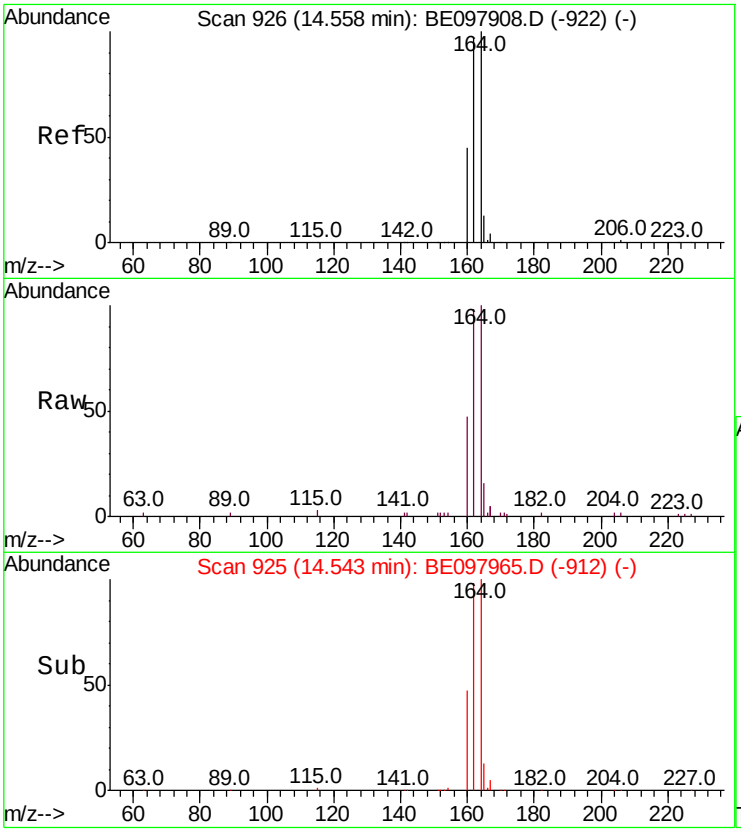


#12
2-Methylnaphthalene
Concen: 0.472 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.02 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:142 Resp: 7011

Ion	Ratio	Lower	Upper
142	100		
141	92.1	69.8	104.6
115	39.5	30.5	45.7

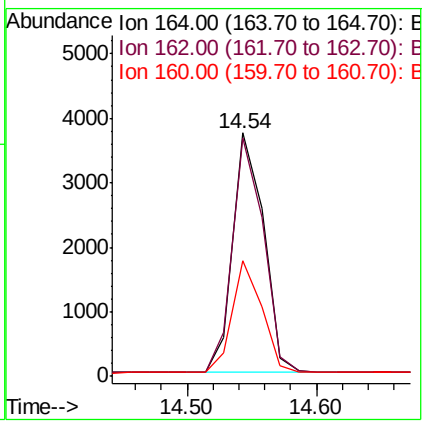




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.02 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:164 Resp: 6095

Ion	Ratio	Lower	Upper
164	100		
162	97.8	77.4	116.2
160	47.3	36.5	54.7



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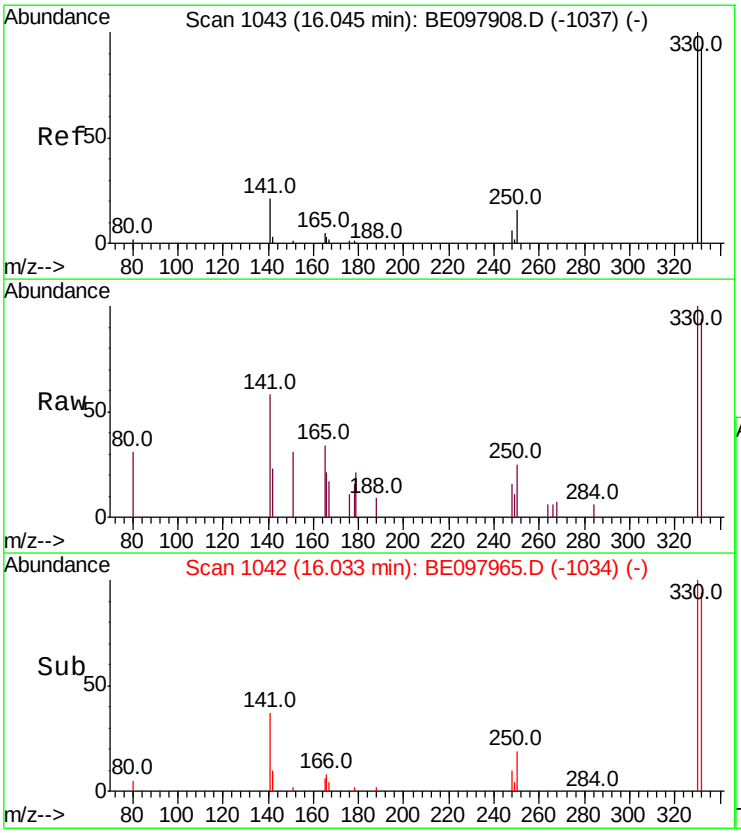
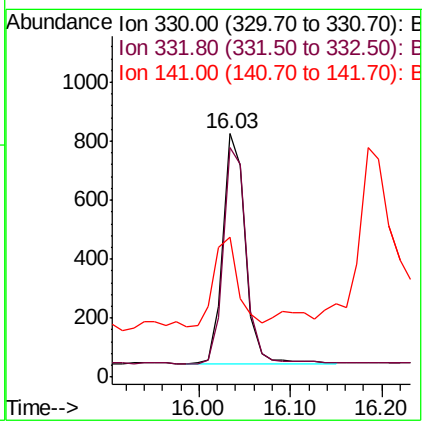
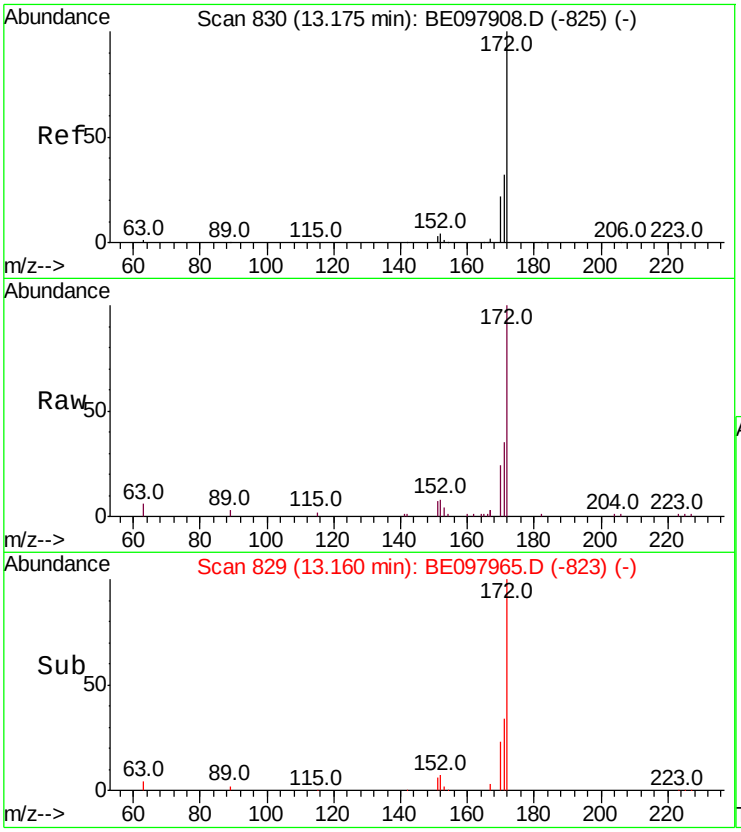


#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:330 Resp: 1340

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.5	114.7
141	41.2	31.8	47.6

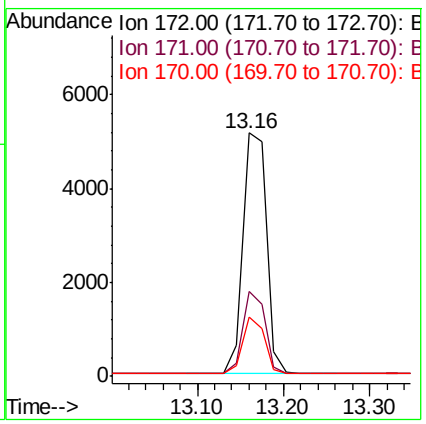




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.02 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:172 Resp: 9736

Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.0	39.0
170	24.3	18.0	27.0



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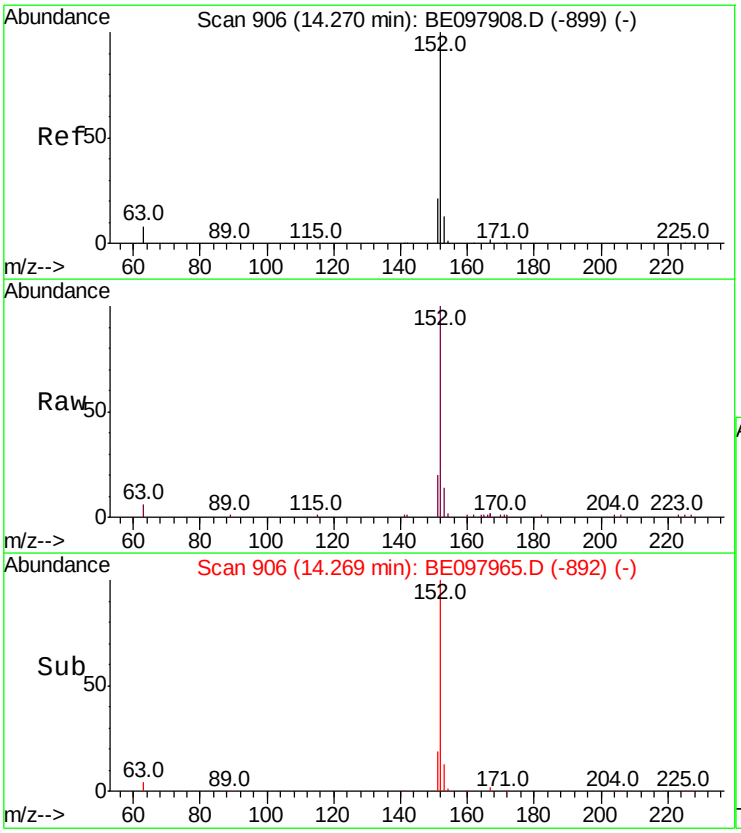
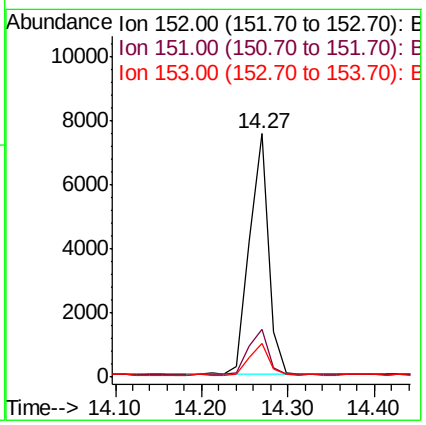
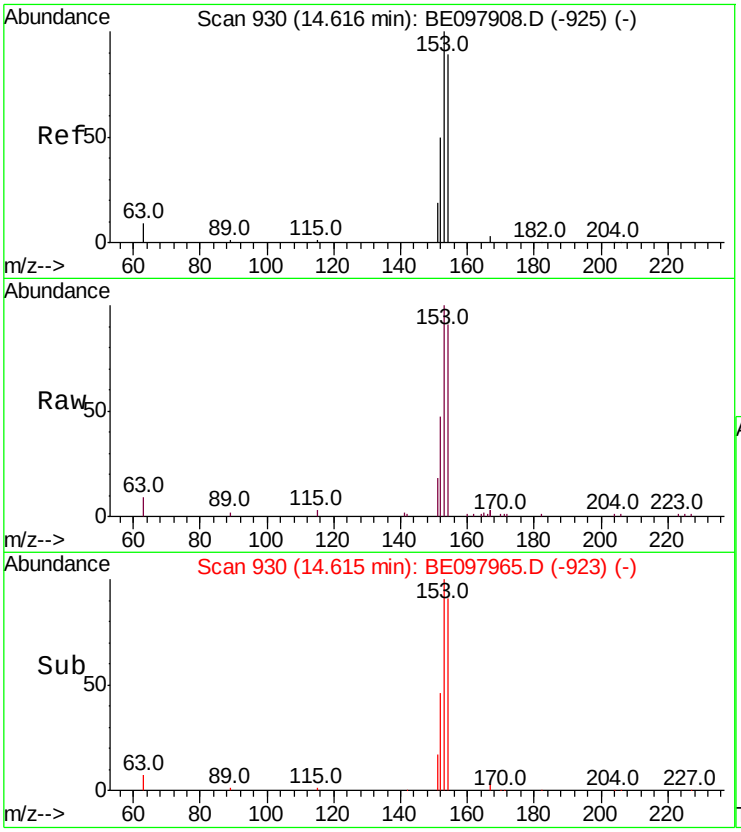


#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:152 Resp: 11696

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.6	10.9	16.3

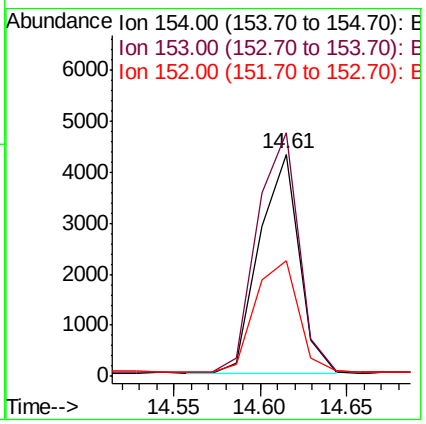




#17
Acenaphthene
Concen: 0.403 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:154 Resp: 6938

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.6	139.0
152	55.8	45.5	68.3



Instrument :
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ClientSampleId :
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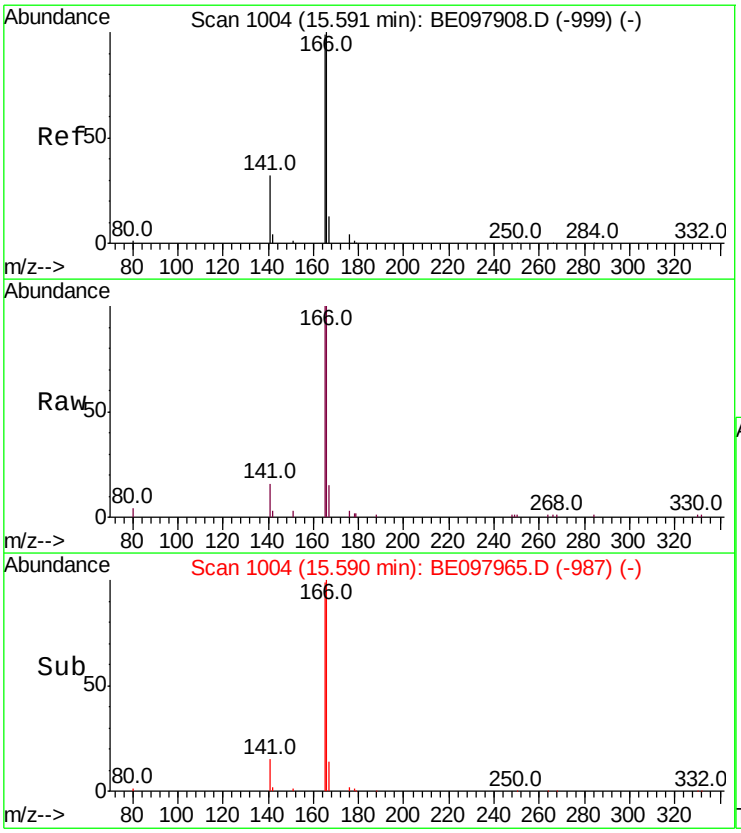
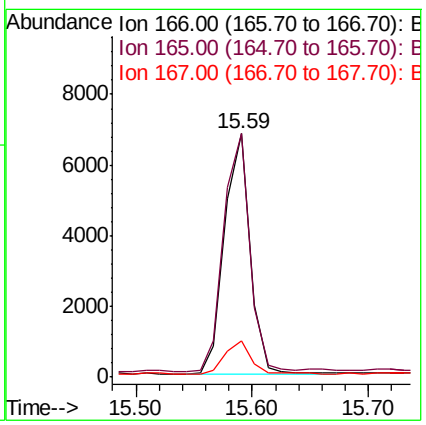
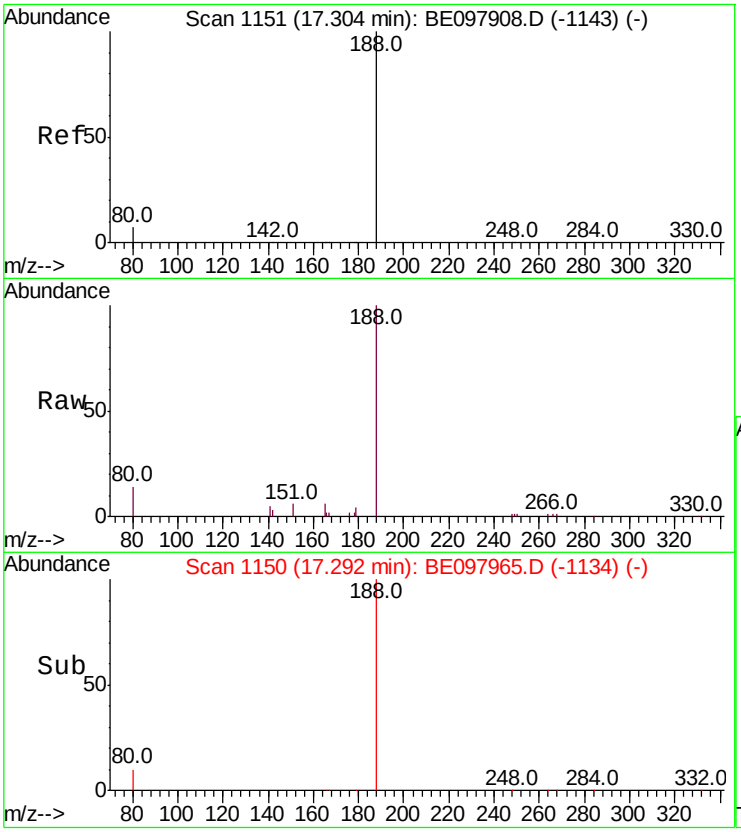


#18
Fluorene
Concen: 0.440 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:166 Resp: 10417

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.2	117.4
167	14.4	11.0	16.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:188 Resp: 16171

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	6.3	9.5#

Instrument :
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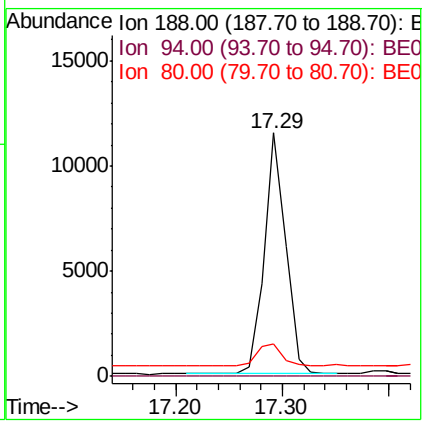
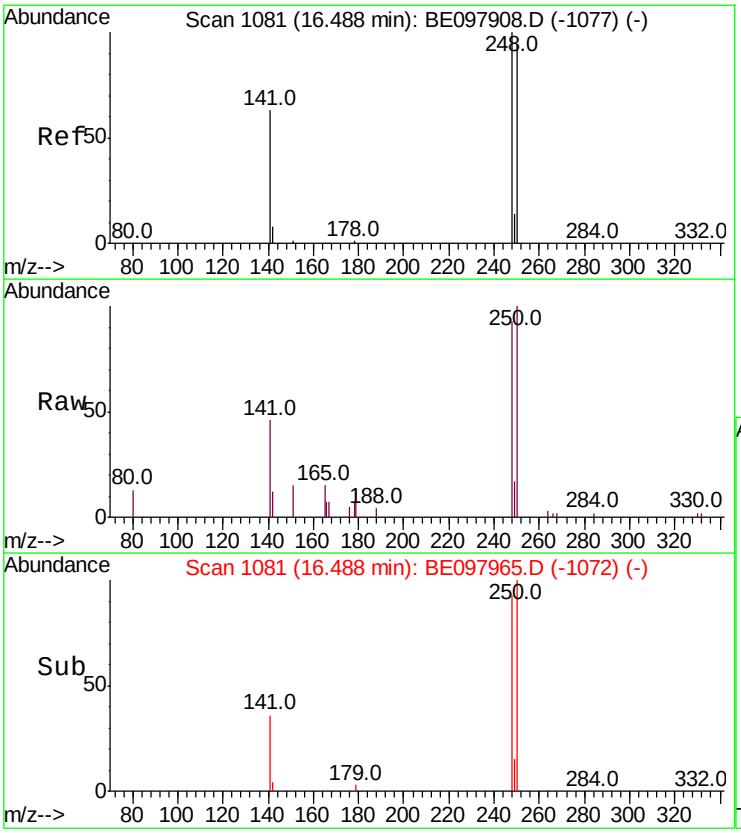
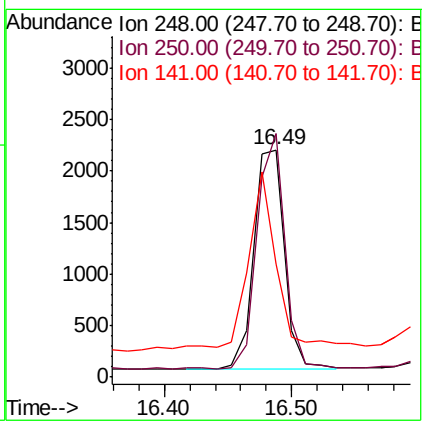


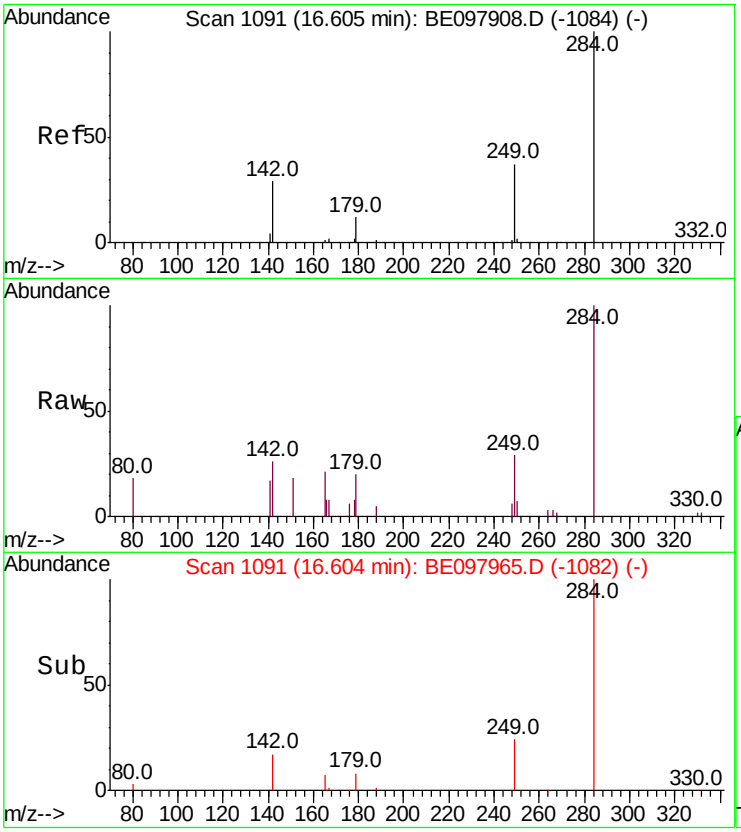


#20
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:248 Resp: 3569

Ion	Ratio	Lower	Upper
248	100		
250	107.1	75.1	112.7
141	49.5	51.8	77.8#

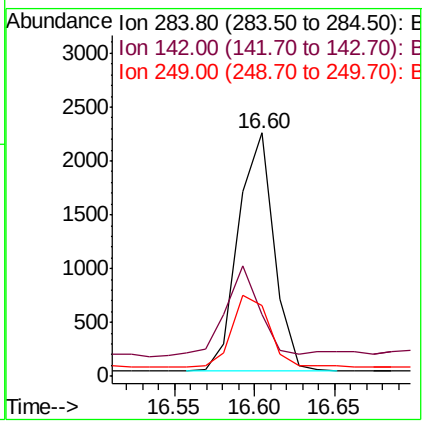




#21
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:284 Resp: 3409

Ion	Ratio	Lower	Upper
284	100		
142	37.2	25.9	38.9
249	31.2	26.6	40.0



Instrument :
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ClientSampleId :
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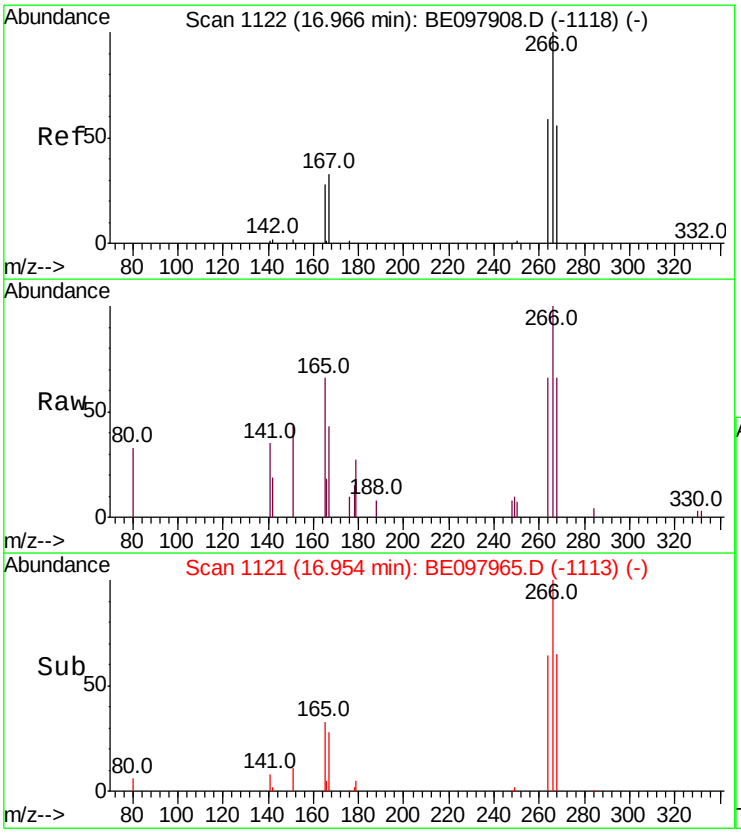
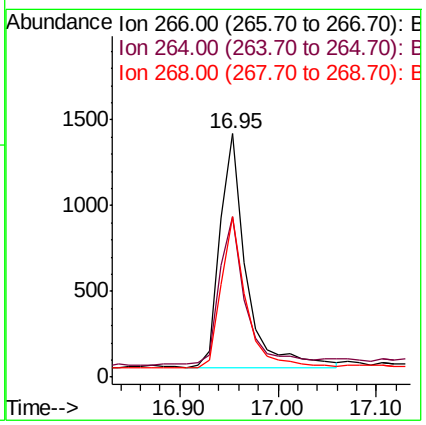
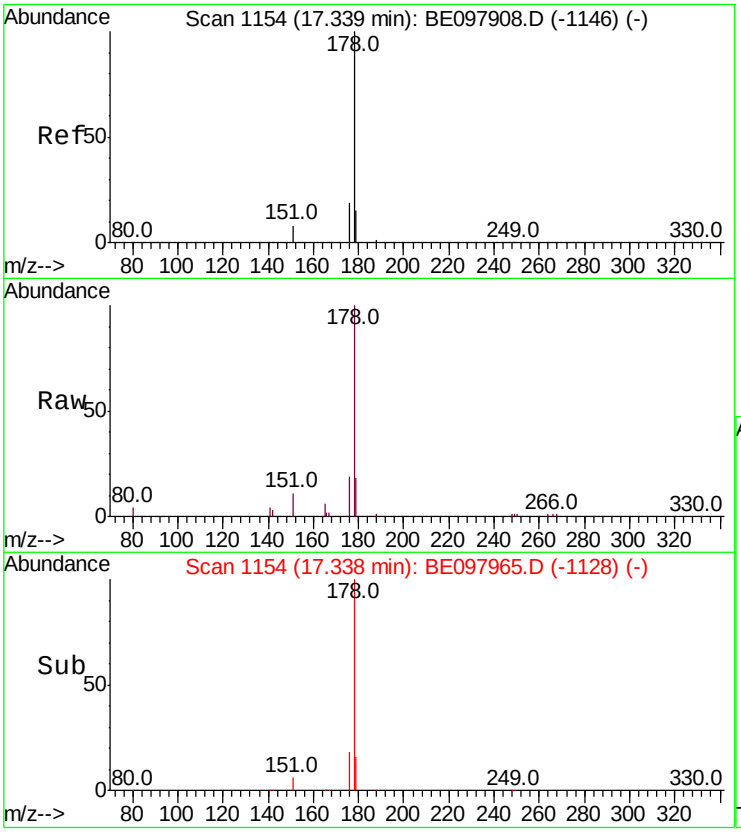


#22
Pentachlorophenol
Concen: 0.989 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:266 Resp: 2501

Ion	Ratio	Lower	Upper
266	100		
264	66.0	51.3	76.9
268	66.1	50.1	75.1

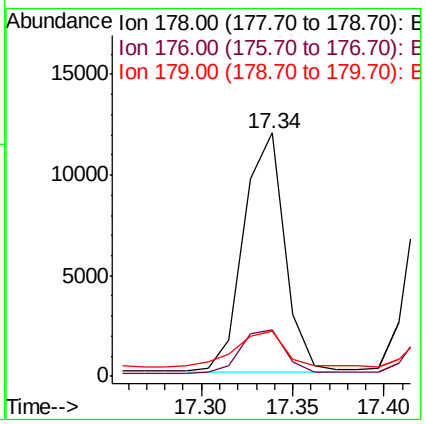




#23
Phenanthrene
Concen: 0.449 ng m
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:178 Resp: 18449

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.5	23.3
179	13.8	12.2	18.4



Instrument :
BNA_E
ClientSampleId :
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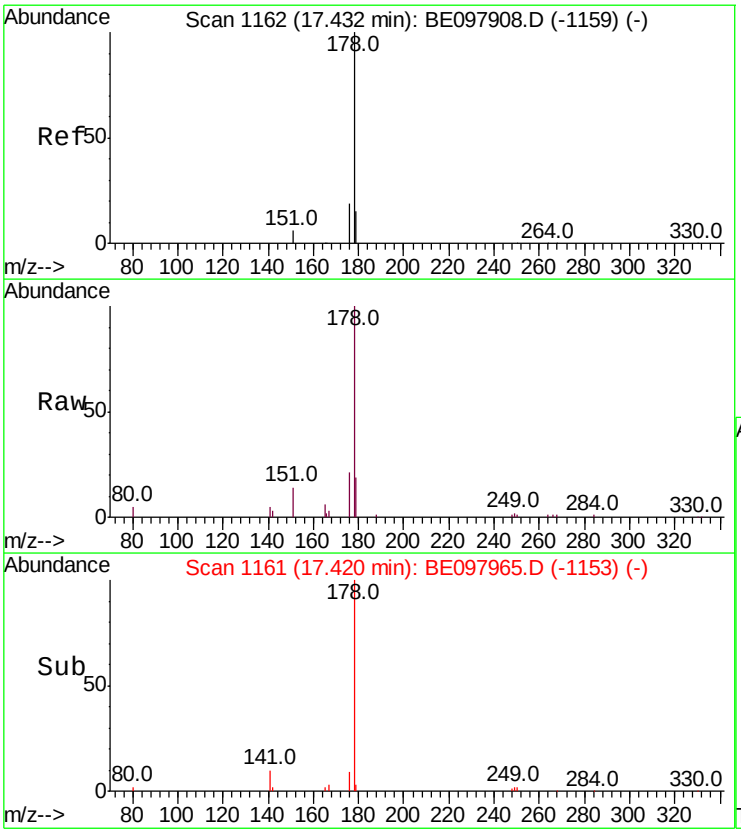
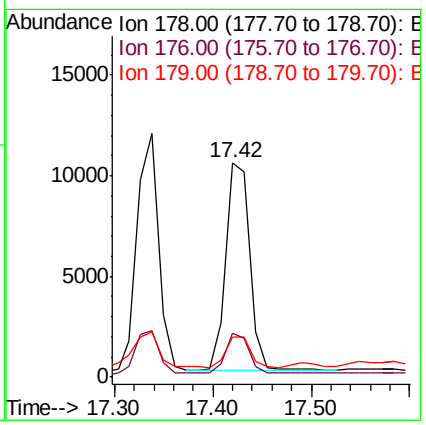
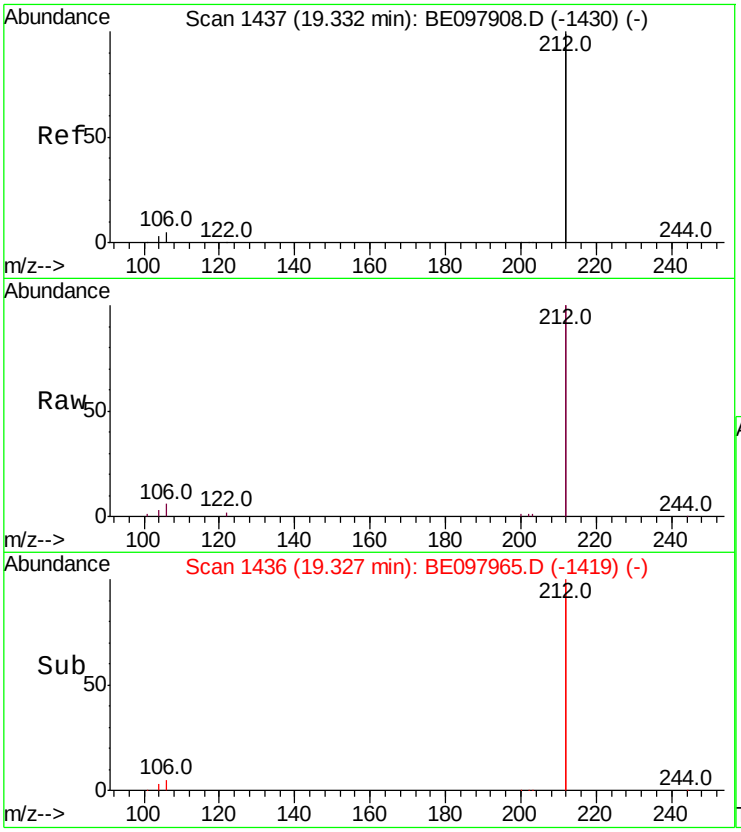


#24
Anthracene
Concen: 0.454 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:178 Resp: 17625

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	14.4	11.9	17.9

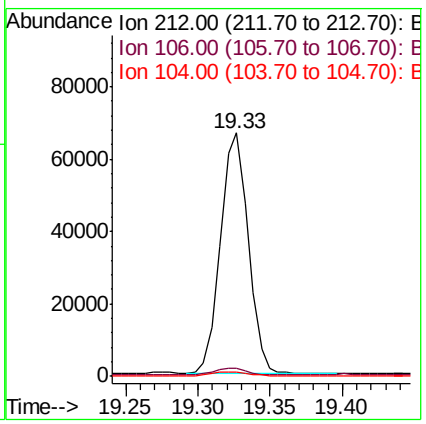




#25
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:212 Resp: 88761

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9



Instrument :
BNA_E
ClientSampleId :
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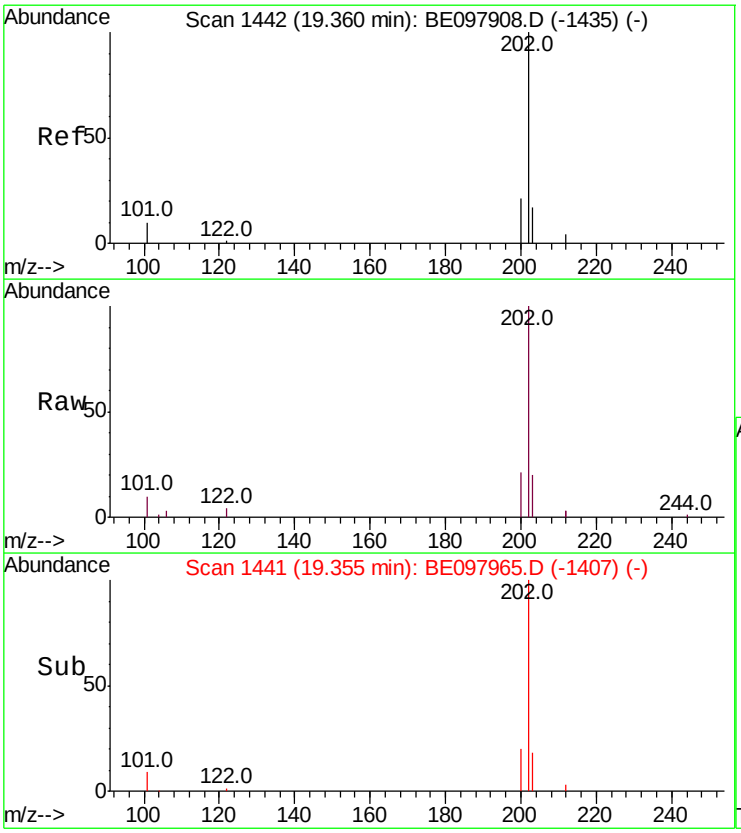
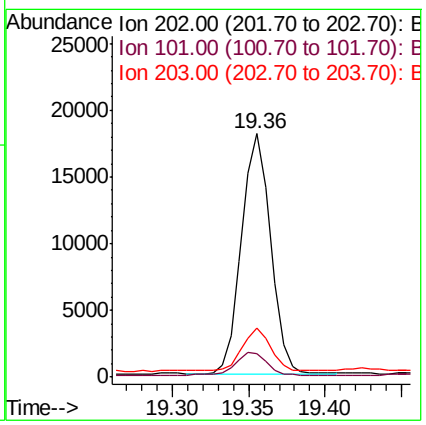
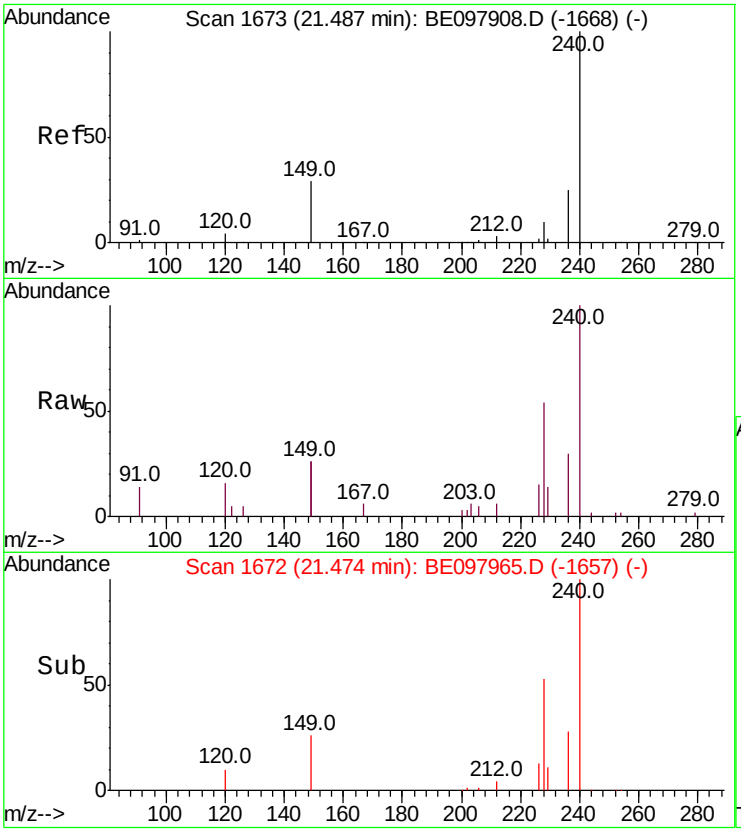


#26
Fluoranthene
Concen: 0.439 ng
RT: 19.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:202 Resp: 23683

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.2
203	17.2	15.0	22.4

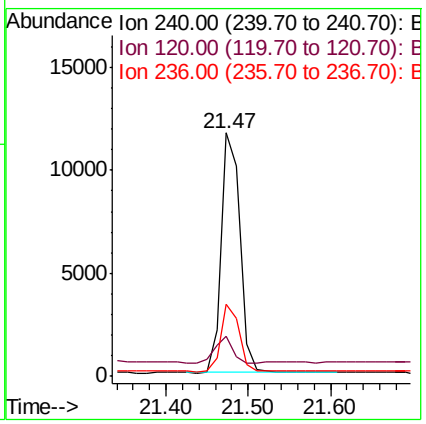




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:240 Resp: 18579

Ion	Ratio	Lower	Upper
240	100		
120	16.4	7.1	10.7#
236	29.6	21.3	31.9



Instrument :
BNA_E
ClientSampleId :
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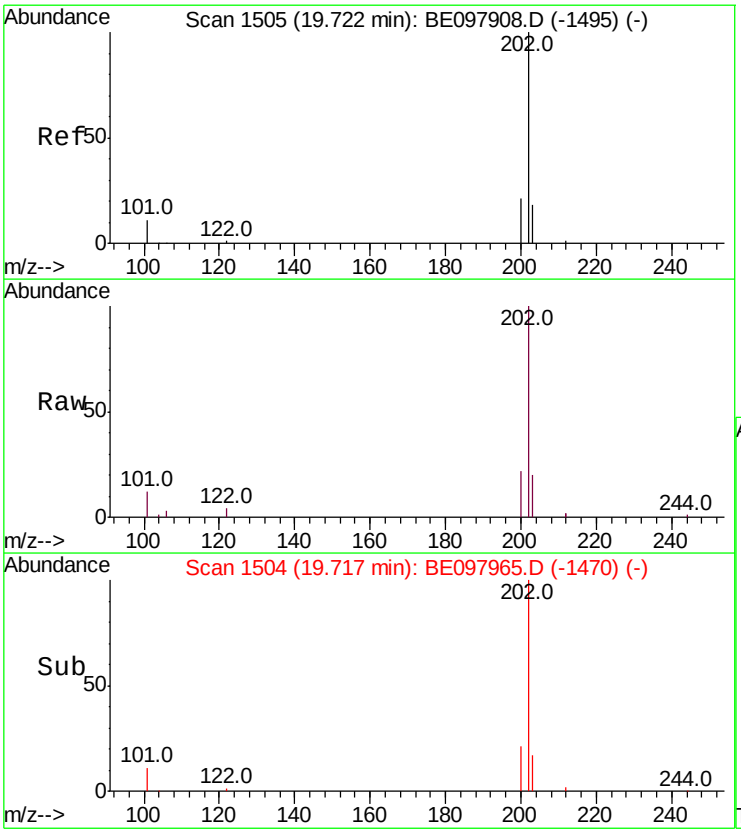
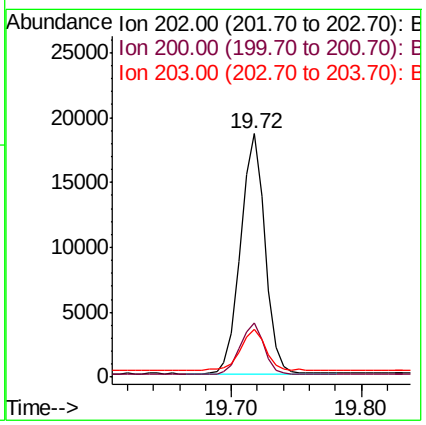
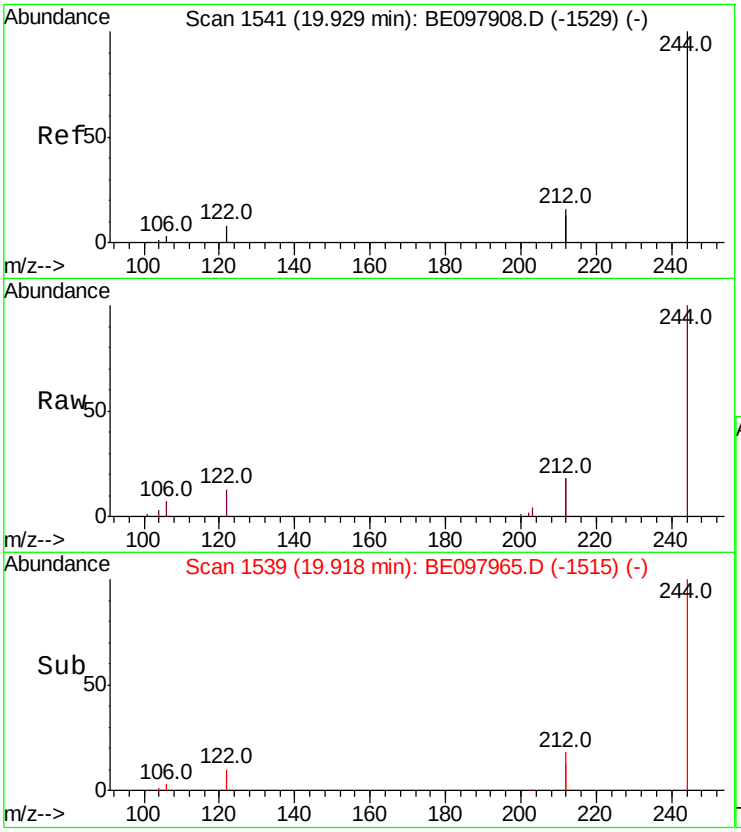


#28
Pyrene
Concen: 0.450 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:202 Resp: 24096

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.8	14.2	21.4





#29
Terphenyl-d14
Concen: 0.409 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:244 Resp: 17399

Ion	Ratio	Lower	Upper
244	100		
212	36.4	26.2	39.2
122	13.5	7.7	11.5#

Instrument :
BNA_E
ClientSampleId :
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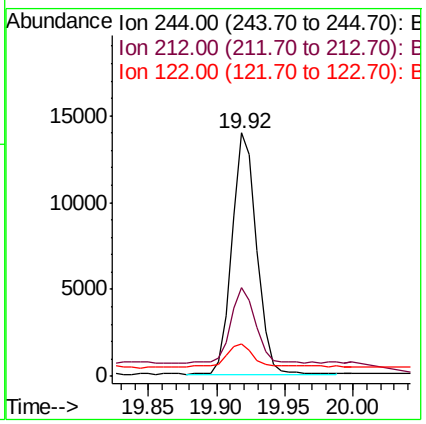
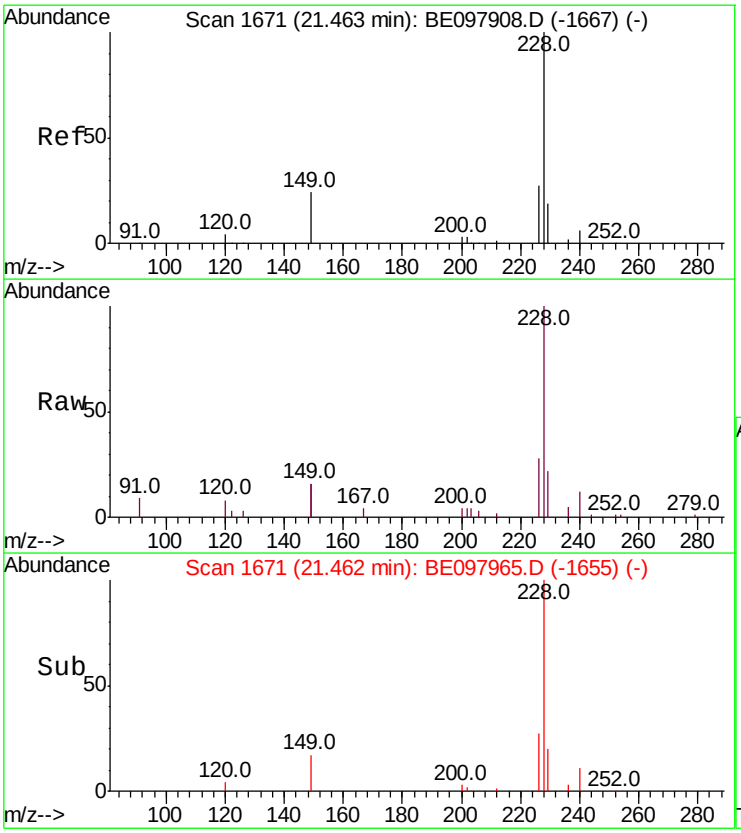
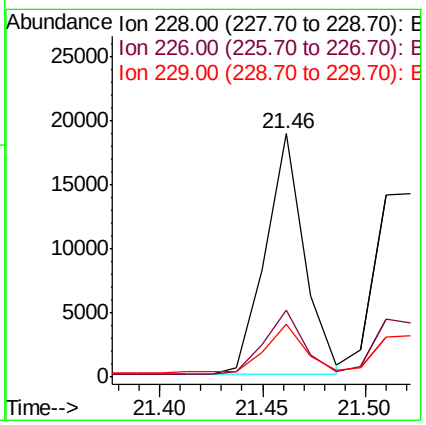


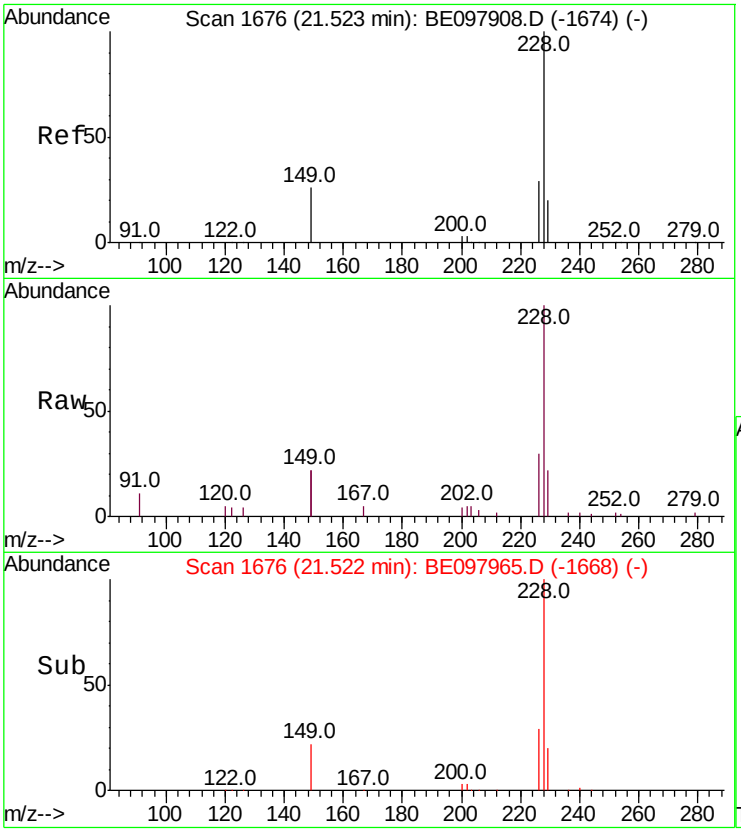


#30
Benzo(a)anthracene
Concen: 0.436 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:228 Resp: 24857

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	21.8	16.9	25.3

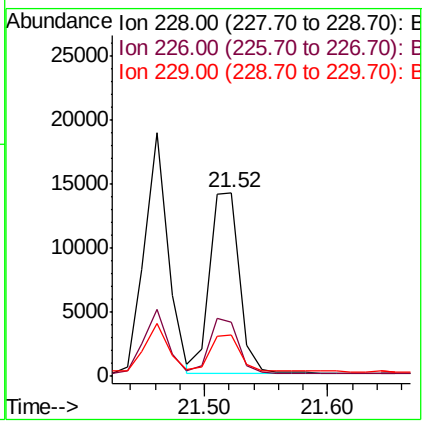




#31
Chrysene
Concen: 0.440 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:228 Resp: 23755

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	22.3	17.3	25.9



Instrument :
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ClientSampleId :
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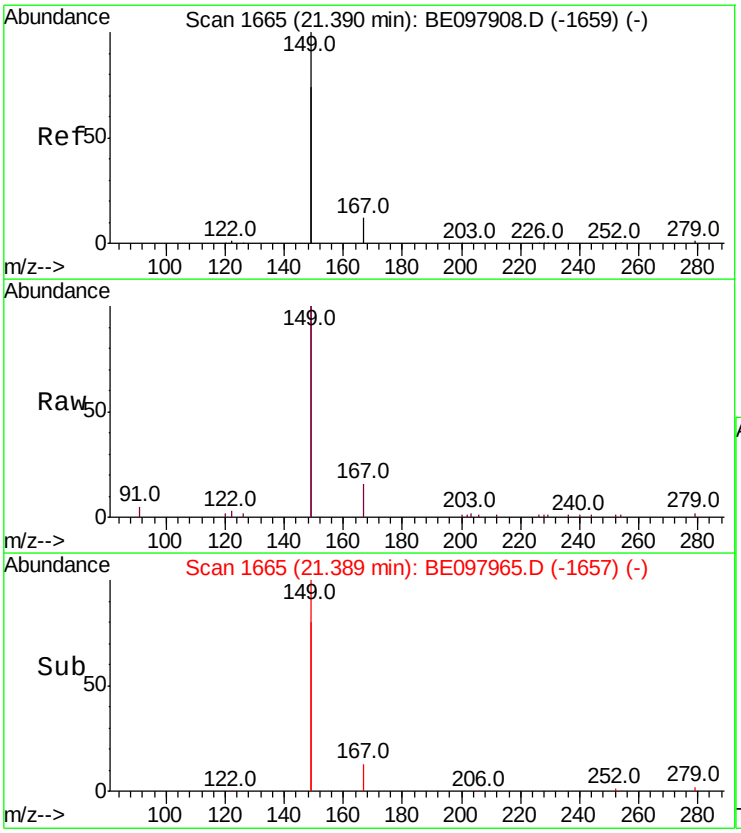
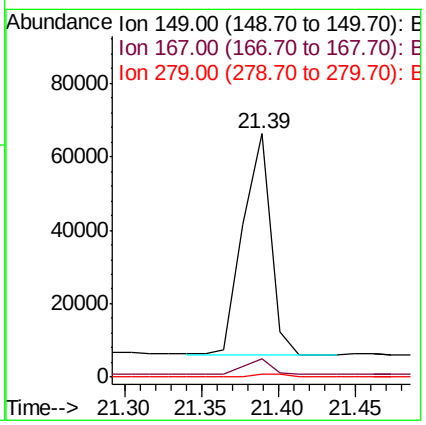
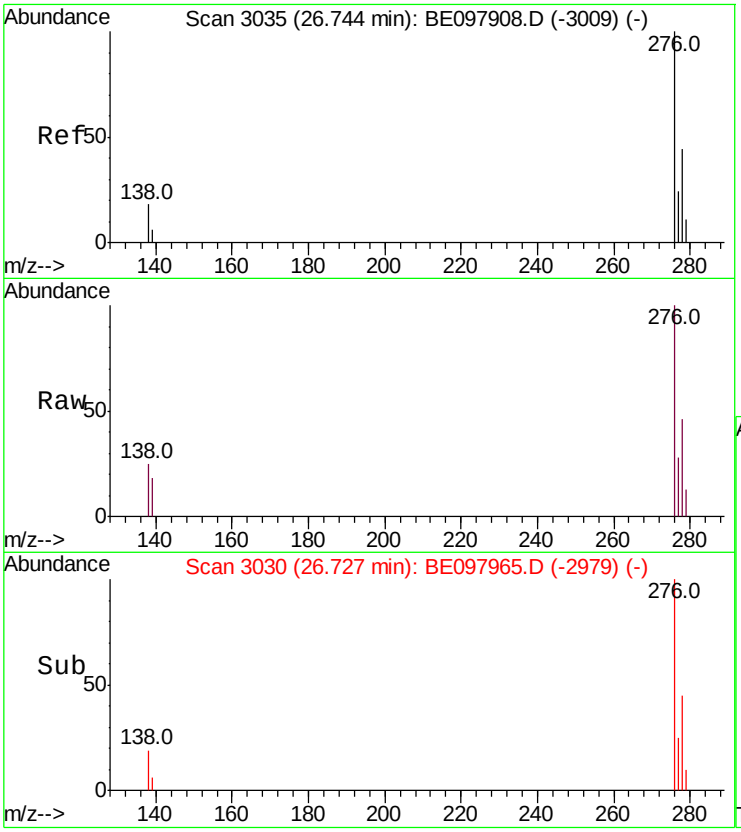


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.644 ng
RT: 21.39 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:149 Resp: 76252

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.6	8.4
279	1.0	0.9	1.3

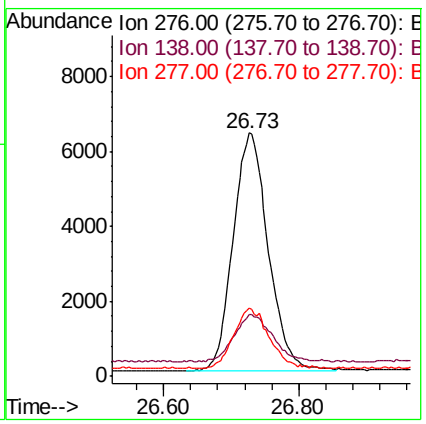




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.02 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:276 Resp: 22976

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.6
277	25.1	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
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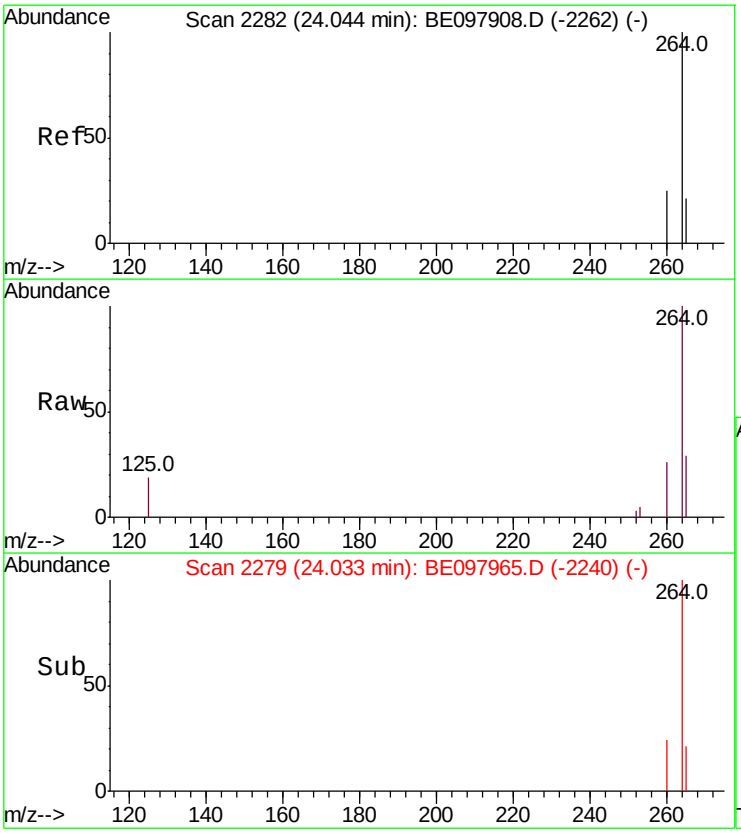
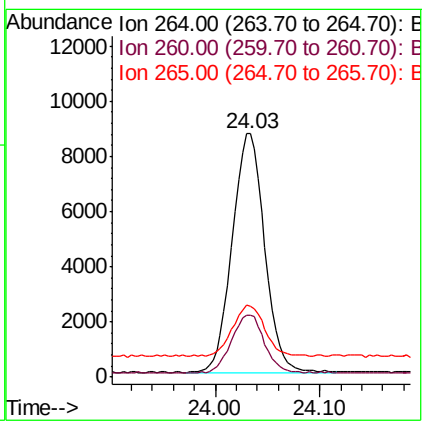
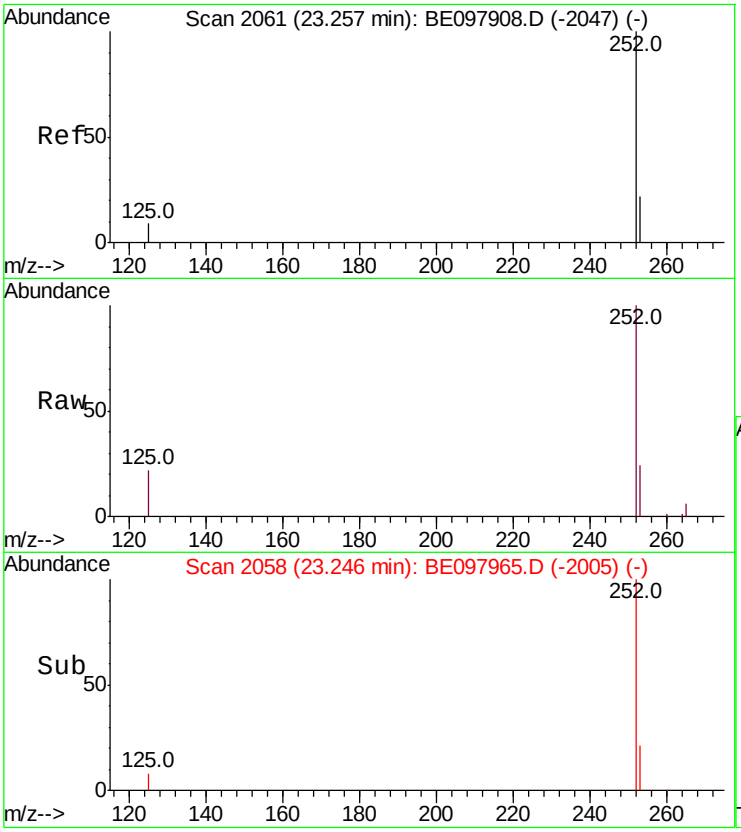


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:264 Resp: 18567

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.1	31.7
265	29.3	29.2	43.8





#35
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:252 Resp: 23245

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.6	31.0
125	22.2	14.3	21.5#

Instrument :
BNA_E
ClientSampleId :
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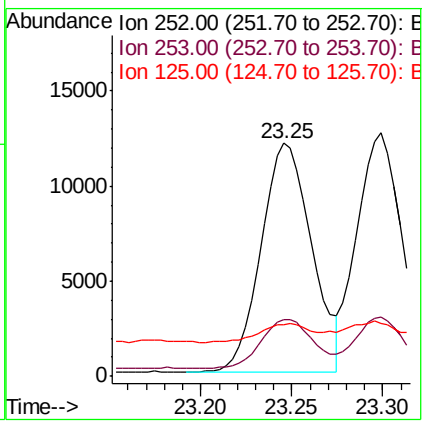
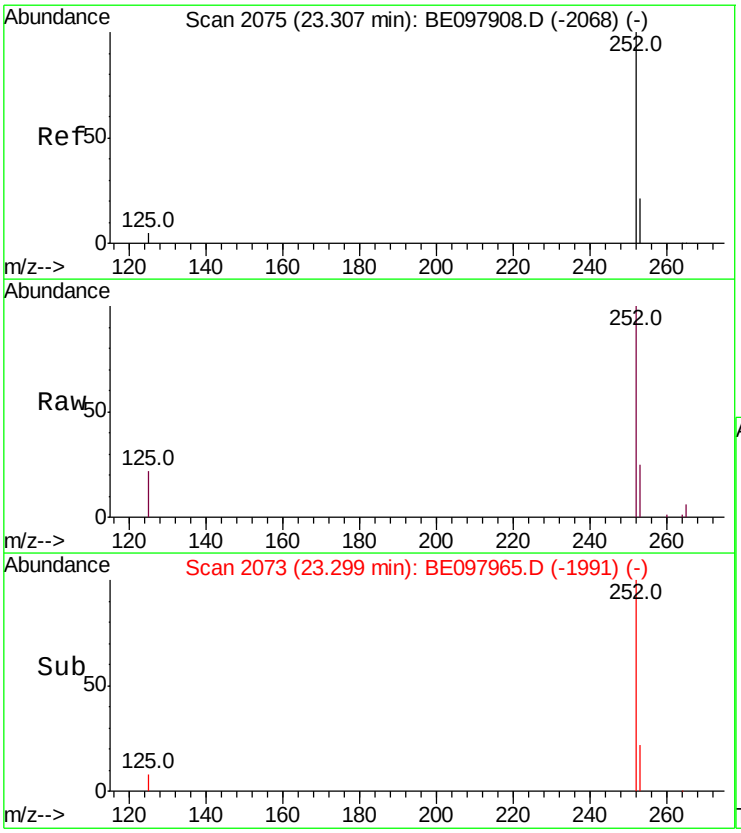
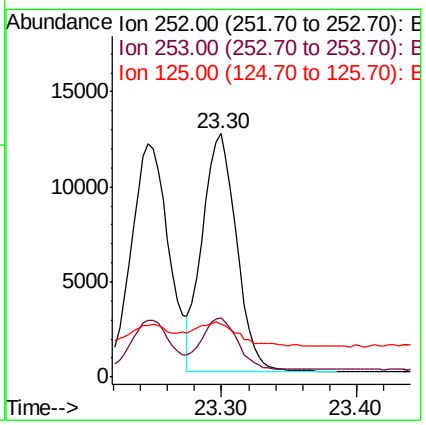


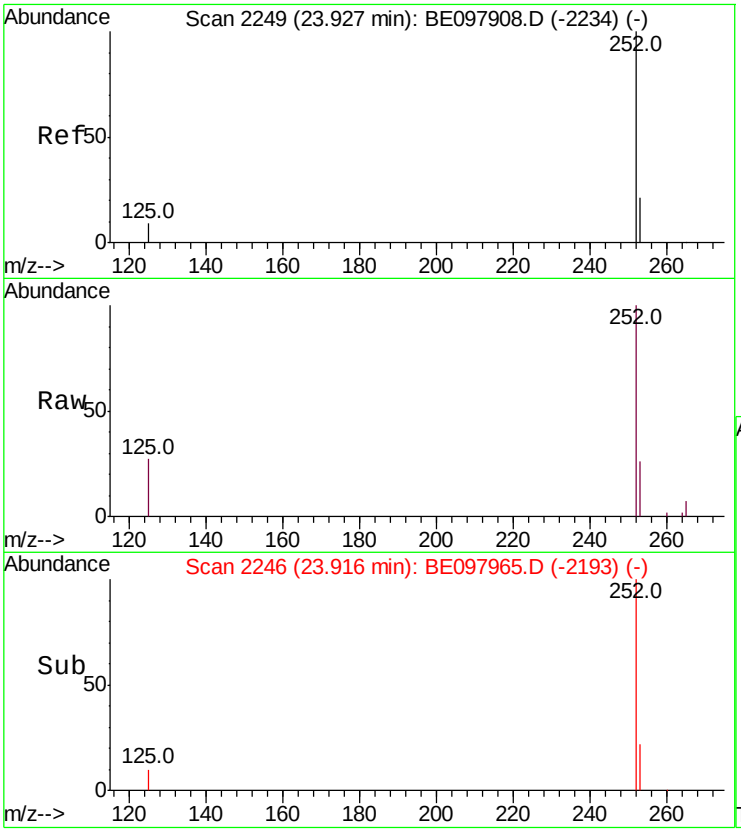


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.30 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:252 Resp: 22163

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.4	30.6
125	21.9	14.6	21.8#

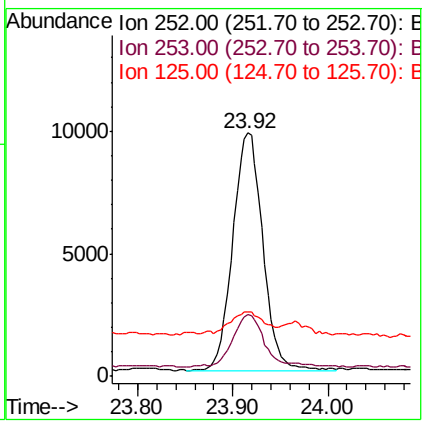




#37
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.92 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:252 Resp: 21173

Ion	Ratio	Lower	Upper
252	100		
253	25.6	20.6	31.0
125	26.7	15.6	23.4#



Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MSD

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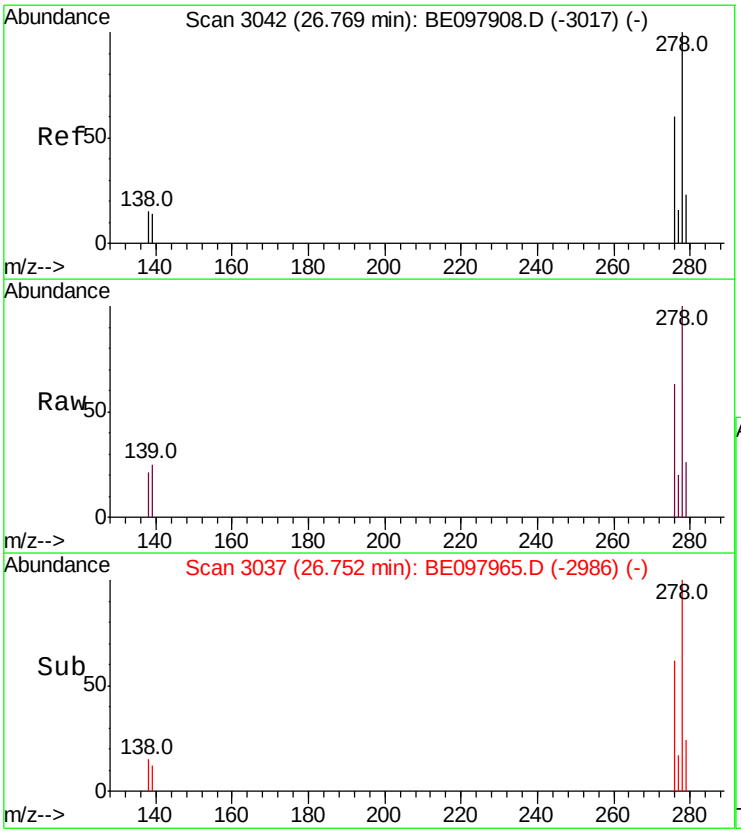
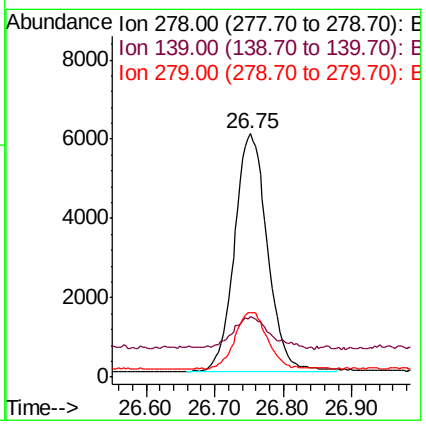
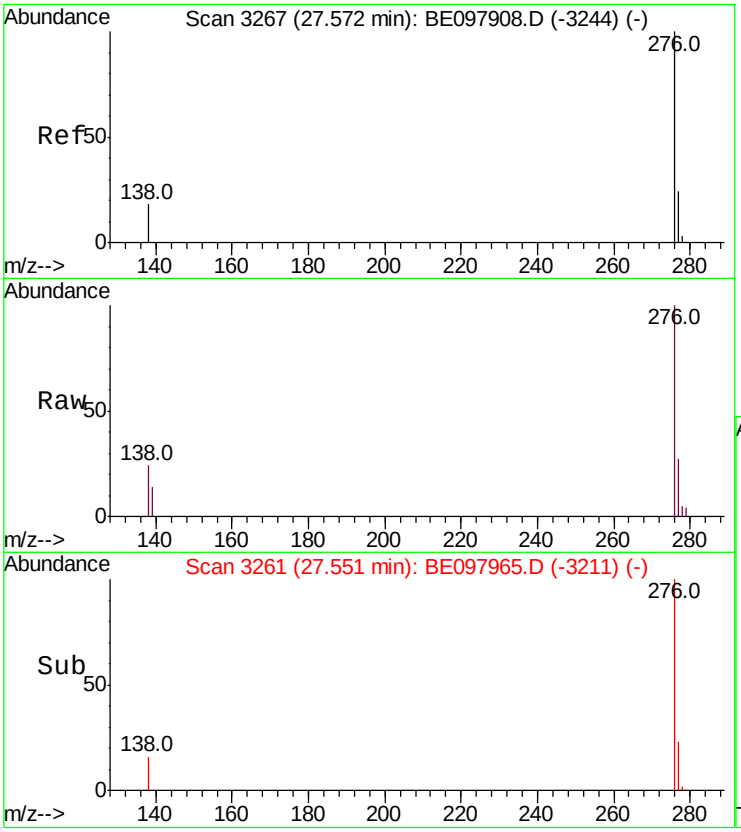


#38
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 26.75 min Scan# 3037
Delta R.T. -0.02 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:278 Resp: 20112

Ion	Ratio	Lower	Upper
278	100		
139	24.9	16.3	24.5#
279	26.2	21.4	32.2

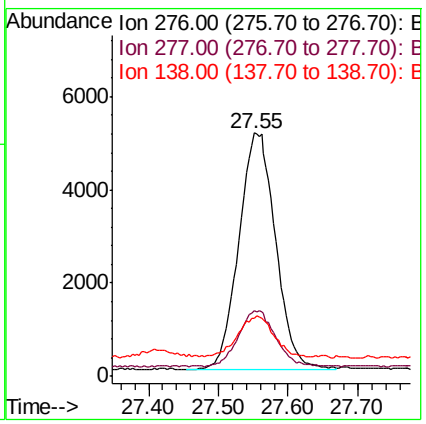




#39
Benzo(g,h,i)perylene
Concen: 0.356 ng
RT: 27.55 min Scan# 3261
Delta R.T. -0.02 min
Lab File: BE097965.D
Acq: 18 Oct 2018 2:14

Tgt Ion:276 Resp: 18615

Ion	Ratio	Lower	Upper
276	100		
277	27.0	22.1	33.1
138	23.6	19.3	28.9



Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MSD

Manual Integrations APPROVED
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