Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
Data File : BE099952.D
Acq On : 12 Jun 2019 12:34
Operator : JU/SJ
Sample : K3255-14MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

Manual Integrations APPROVED
mohammad
6/14/2019 8:44:47 AM

Quant Time: Jun 13 04:51:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	886	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	3165	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2370	0.40	ng		-0.01
19) Phenanthrene-d10	17.21	188	7072	0.40	ng		0.00
27) Chrysene-d12	21.39	240	10055	0.40	ng		-0.01
34) Perylene-d12	23.92	264	11264	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	299	0.13	ng		0.00
5) Phenol-d6	6.96	99	250	0.08	ng		0.00
8) Nitrobenzene-d5	8.97	82	1188	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	2026	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	426	0.24	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	3774	0.42	ng		-0.01
25) Fluoranthene-d10	19.25	212	37256	0.36	ng		0.00
29) Terphenyl-d14	19.84	244	9855	0.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	2434	1.856	ng		98
3) n-Nitrosodimethylamine	3.61	42	75	0.099	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	888	0.353	ng		90
9) Naphthalene	10.64	128	12929	0.378	ng		99
10) Hexachlorobutadiene	10.91	225	914	0.351	ng		96
12) 2-Methylnaphthalene	12.28	142	2114	0.381	ng		97
16) Acenaphthylene	14.18	152	4203	0.356	ng		98
17) Acenaphthene	14.53	154	2372	0.369	ng		98
18) Fluorene	15.50	166	3531	0.366	ng		97
20) 4-Bromophenyl-phenylether	16.40	248	1610	0.402	ng	#	86
21) Hexachlorobenzene	16.52	284	1575	0.385	ng		99
22) Pentachlorophenol	16.88	266	827	0.719	ng		87
23) Phenanthrene	17.25	178	6754	0.394	ng		99
24) Anthracene	17.35	178	5850	0.372	ng		99
26) Fluoranthene	19.28	202	10973	0.376	ng		99
28) Pyrene	19.64	202	12452	0.471	ng		99
30) Benzo(a)anthracene	21.38	228	12310	0.410	ng		98
31) Chrysene	21.44	228	13136	0.423	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	22114	0.513	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	13804	0.375	ng		99
35) Benzo(b)fluoranthene	23.14	252	12048m	0.382	ng		
36) Benzo(k)fluoranthene	23.19	252	13647	0.413	ng		97
37) Benzo(a)pyrene	23.81	252	12474	0.401	ng	#	97
38) Dibenzo(a,h)anthracene	26.63	278	11047	0.353	ng	#	96
39) Benzo(g,h,i)perylene	27.43	276	12286	0.380	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
Data File : BE099952.D
Acq On : 12 Jun 2019 12:34
Operator : JU/SJ
Sample : K3255-14MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 13 04:51:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

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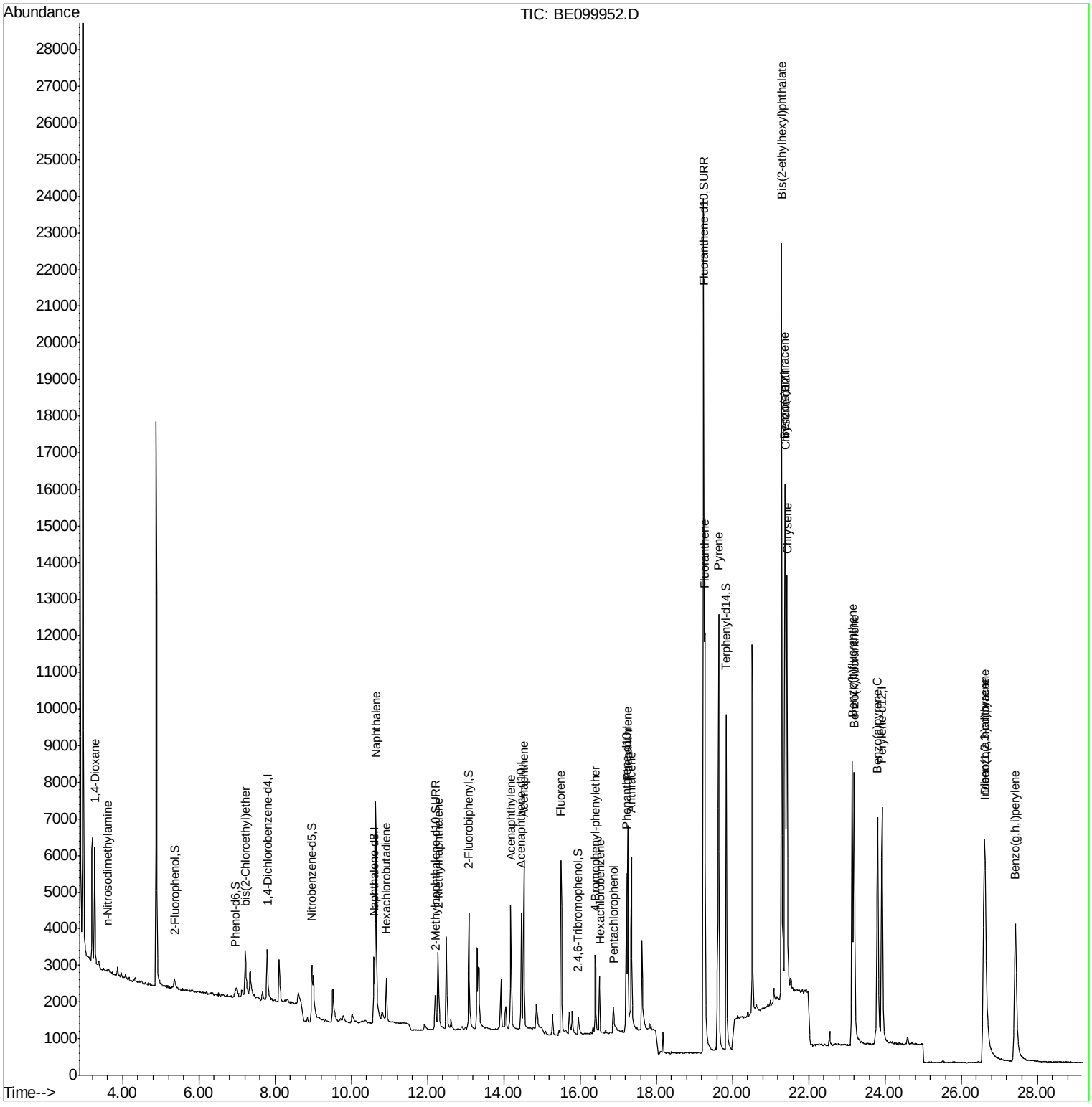
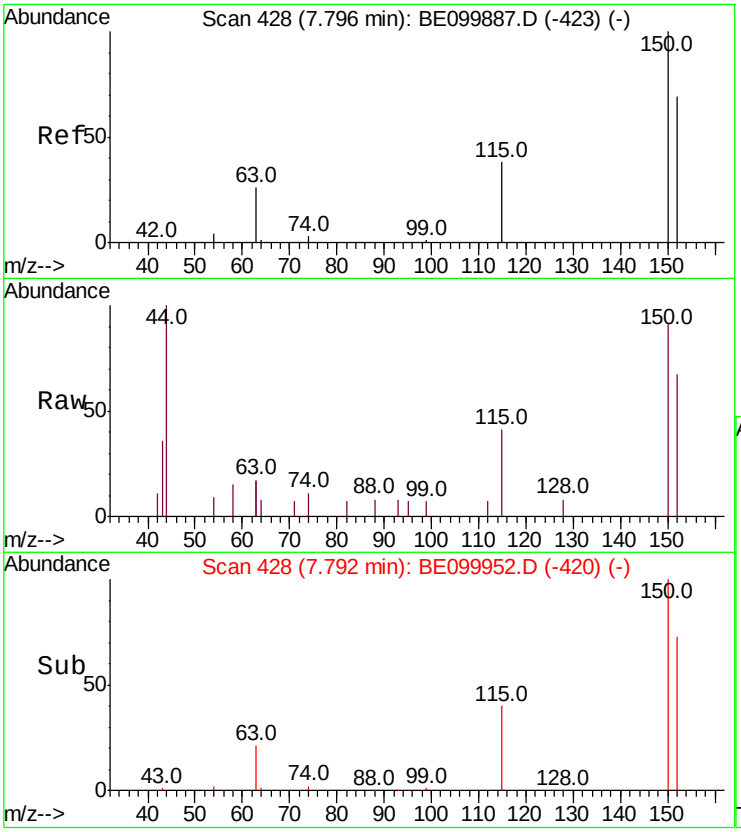
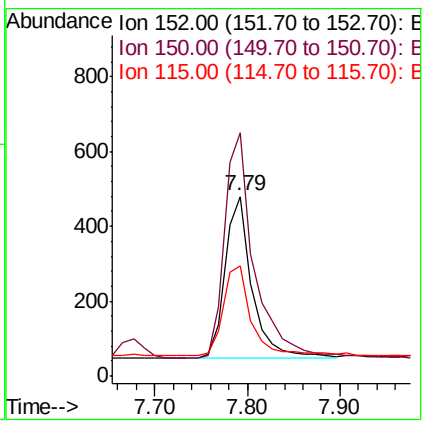




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:152 Resp: 886

Ion	Ratio	Lower	Upper
152	100		
150	135.4	111.0	166.6
115	61.3	50.7	76.1



Instrument :
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ClientSampleId :
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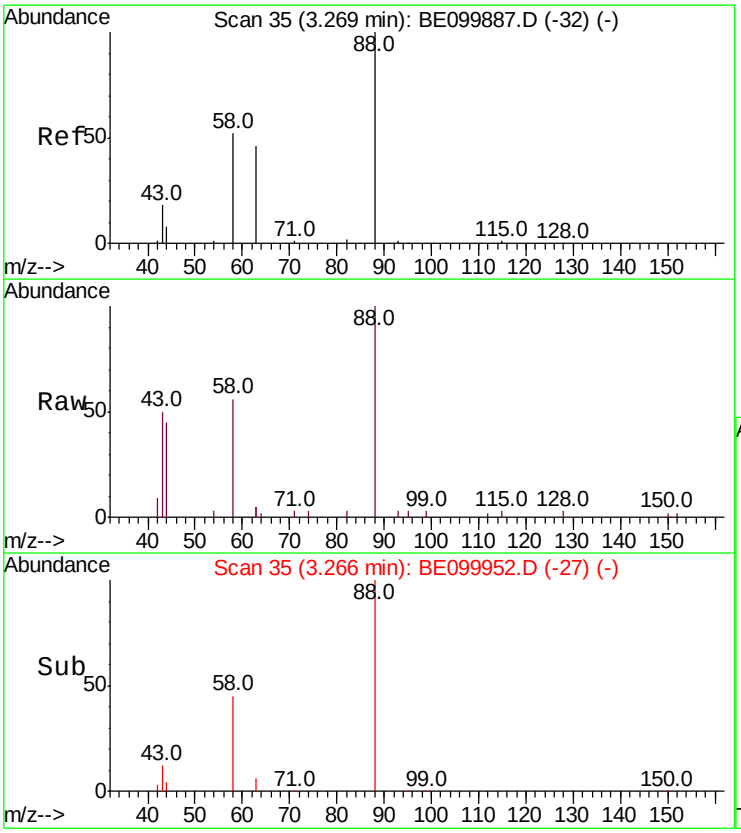
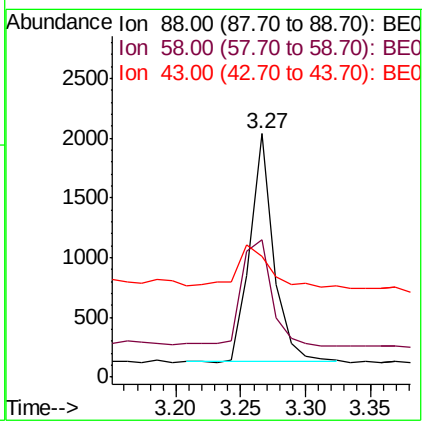
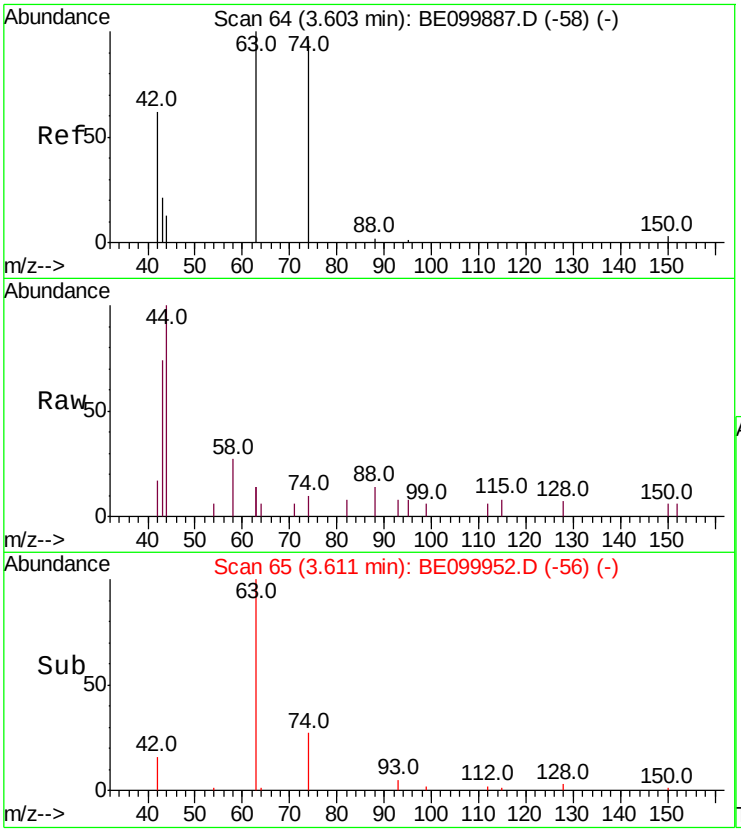


#2
1,4-Dioxane
Concen: 1.856 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion: 88 Resp: 2434

Ion	Ratio	Lower	Upper
88	100		
58	58.9	48.8	73.2
43	24.1	19.0	28.6

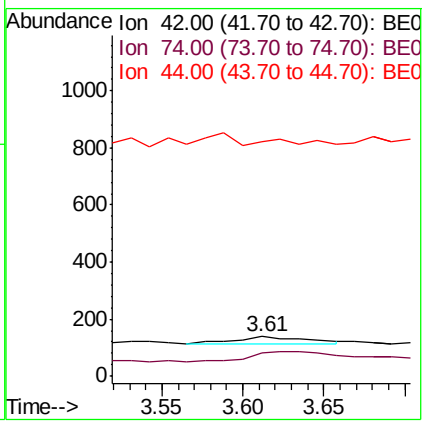




#3
n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion: 42 Resp: 75

Ion	Ratio	Lower	Upper
42	100		
74	158.7	0.0	0.0#
44	29.3	0.0	0.0#



Instrument :
BNA_E
ClientSampleId :
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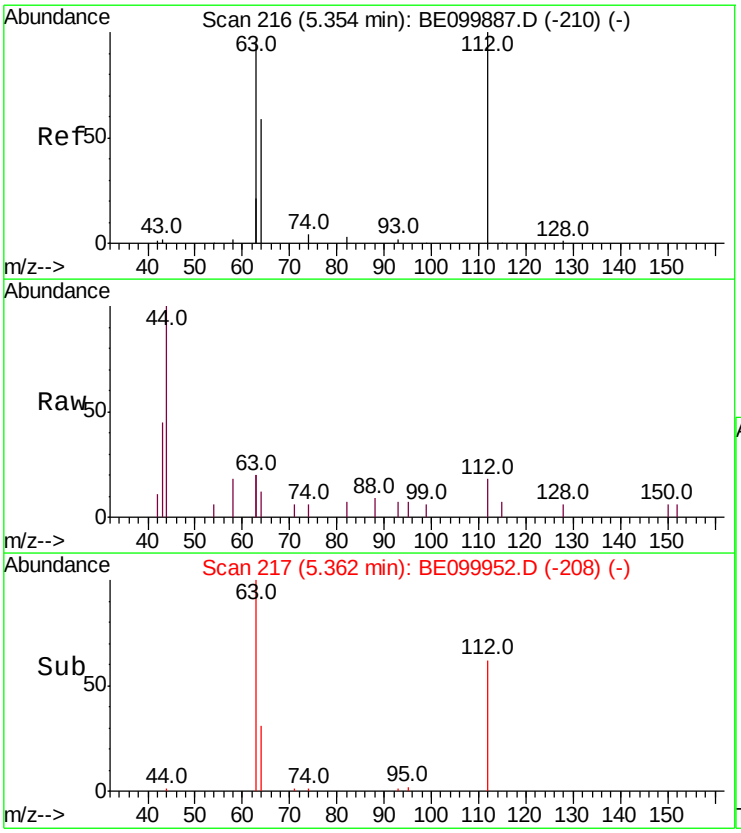
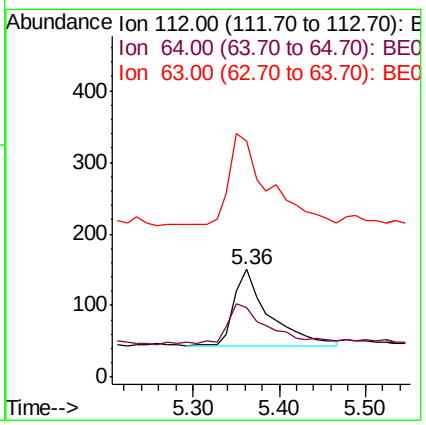
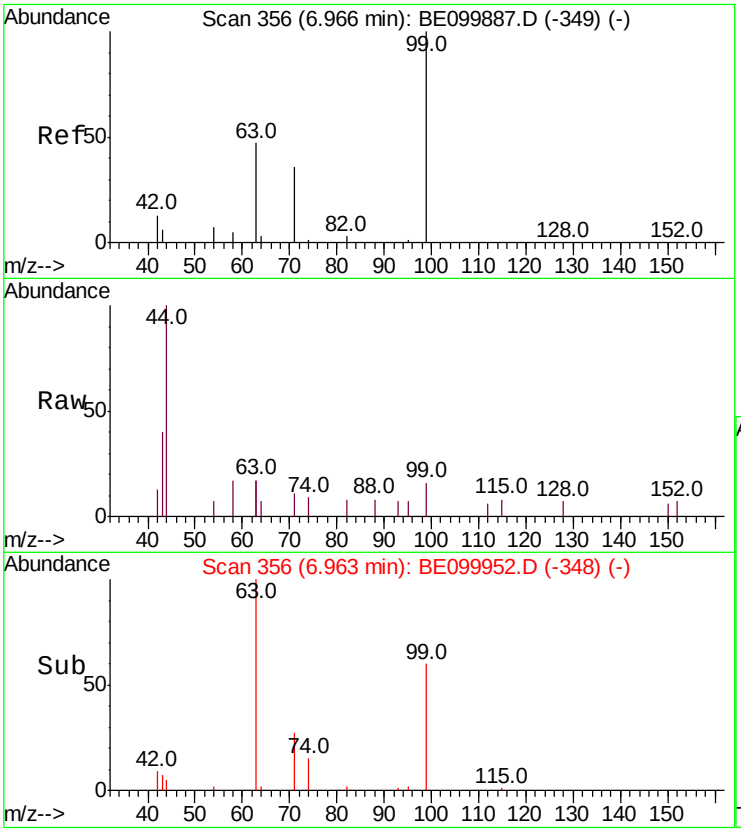


#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:112 Resp: 299

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.1	66.1
63	128.1	87.8	131.6

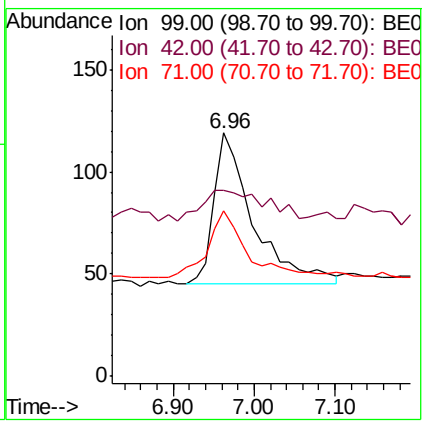




#5
Phenol-d6
Concen: 0.081 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion: 99 Resp: 250

Ion	Ratio	Lower	Upper
99	100		
42	33.2	15.9	23.9#
71	44.8	34.6	52.0



Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

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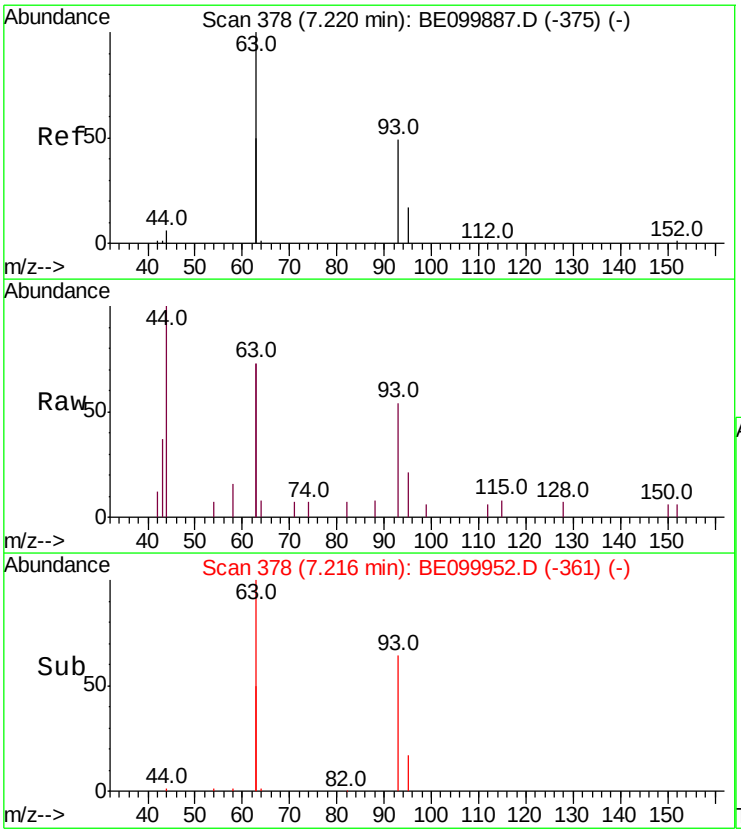
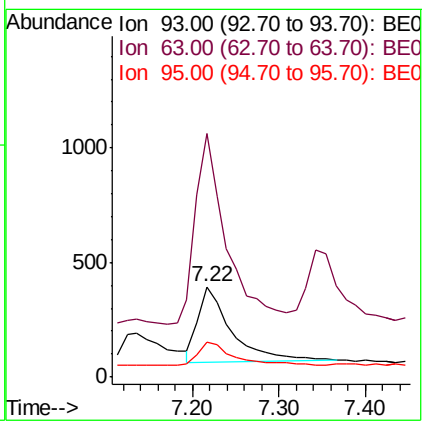
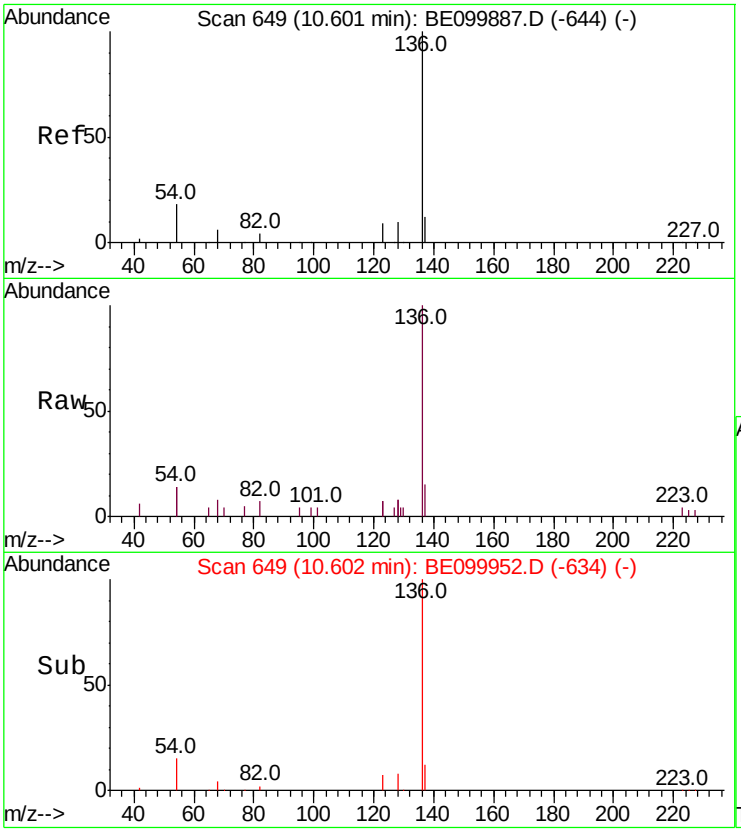


#6
bis(2-Chloroethyl)ether
Concen: 0.353 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion: 93 Resp: 888

Ion	Ratio	Lower	Upper
93	100		
63	236.8	202.8	304.2
95	35.1	23.7	35.5

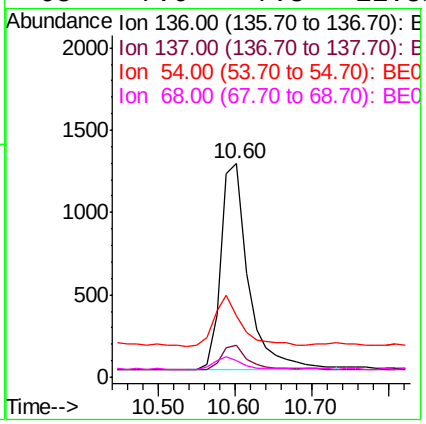




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:136 Resp: 3165

Ion	Ratio	Lower	Upper
136	100		
137	15.1	12.3	18.5
54	28.7	28.2	42.4
68	7.6	7.8	11.8#



Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

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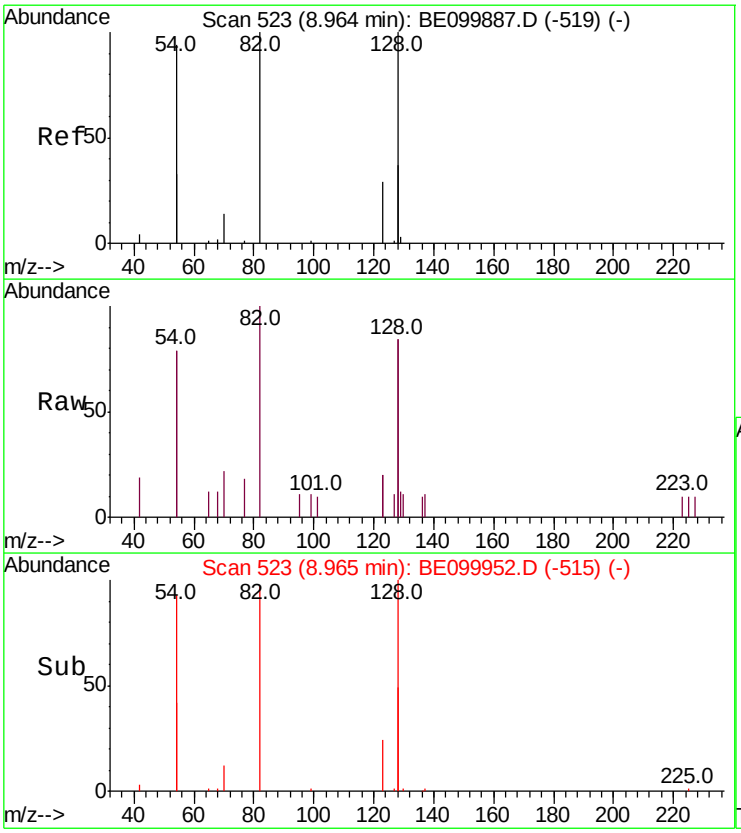
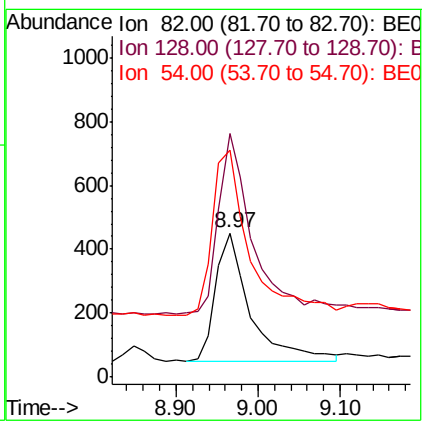
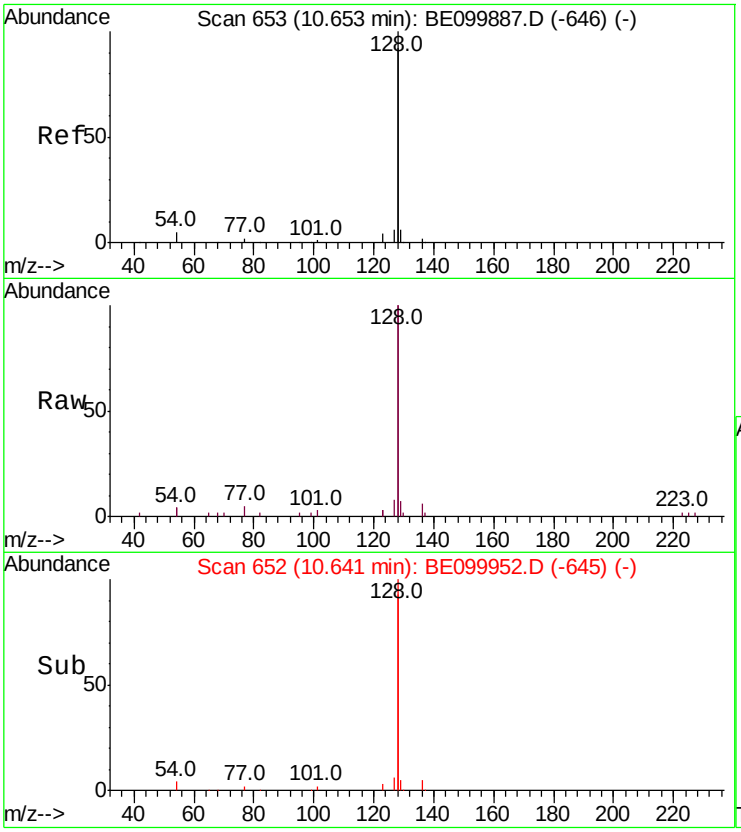


#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion: 82 Resp: 1188

Ion	Ratio	Lower	Upper
82	100		
128	169.0	137.3	205.9
54	157.4	129.7	194.5

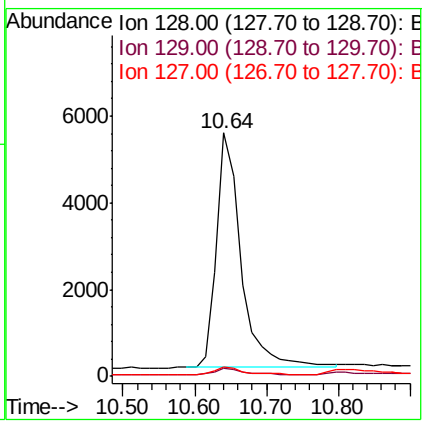




#9
Naphthalene
Concen: 0.378 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:128 Resp: 12929

Ion	Ratio	Lower	Upper
128	100		
129	3.4	3.0	4.6
127	4.0	3.4	5.0



Instrument :
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ClientSampleId :
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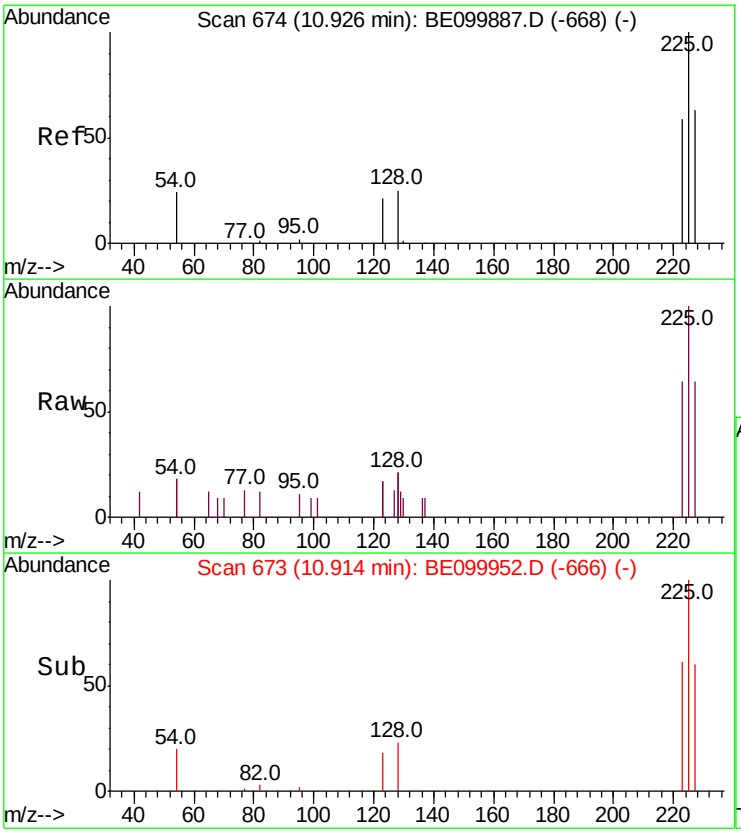
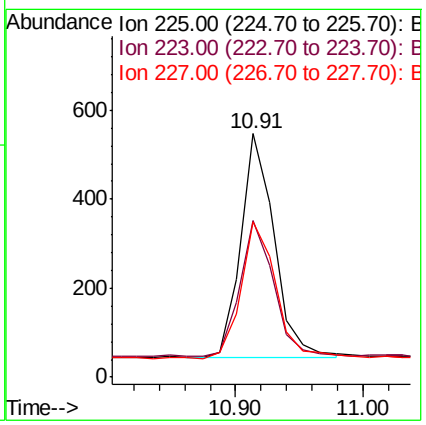
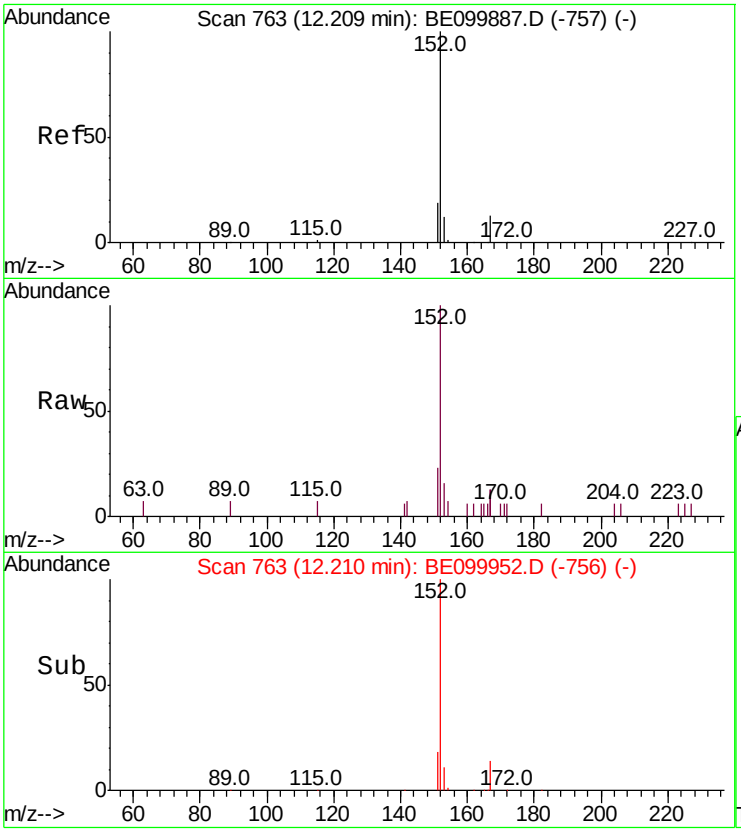


#10
Hexachlorobutadiene
Concen: 0.351 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:225 Resp: 914

Ion	Ratio	Lower	Upper
225	100		
223	59.7	51.6	77.4
227	62.6	50.6	76.0

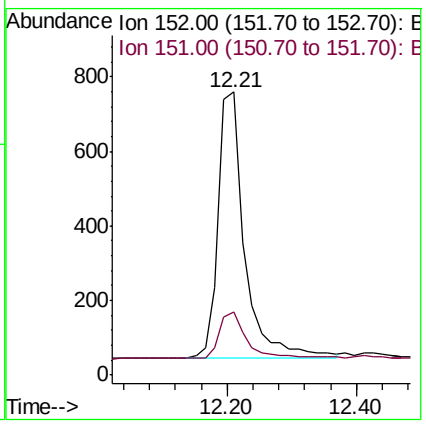




#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:152 Resp: 2026

Ion	Ratio	Lower	Upper
152	100		
151	17.1	15.2	22.8



Instrument :
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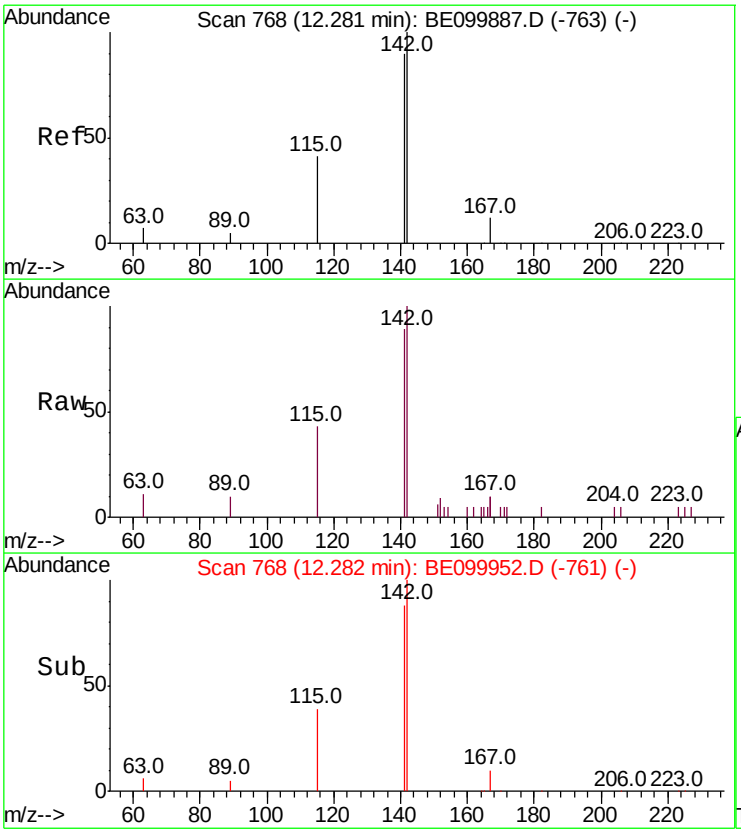
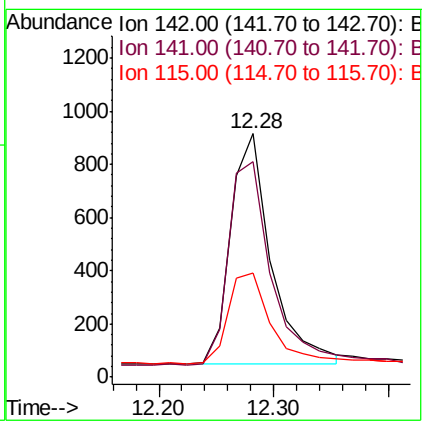
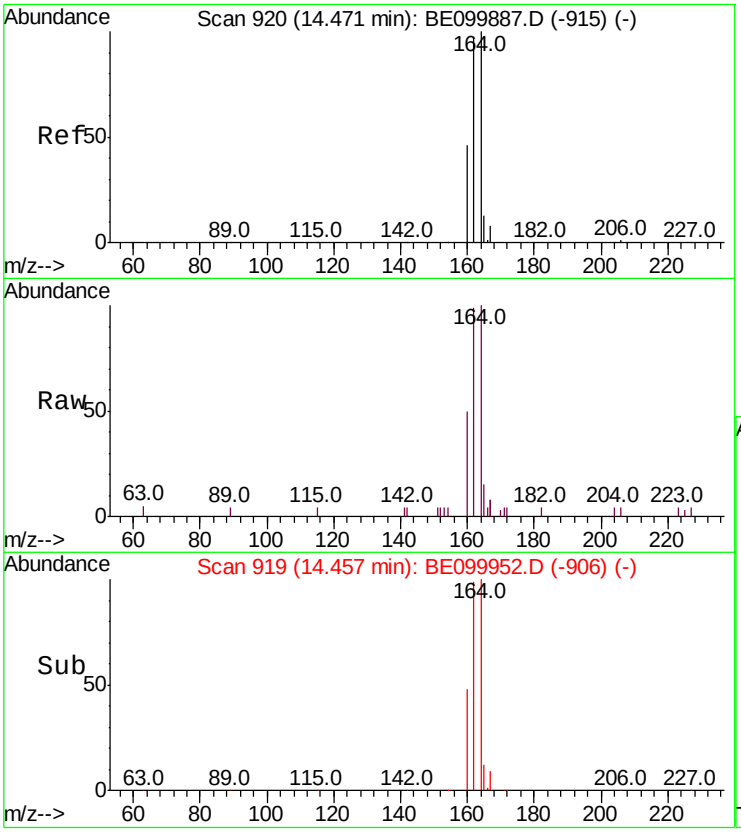


#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:142 Resp: 2114

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.3	108.5
115	42.6	36.4	54.6

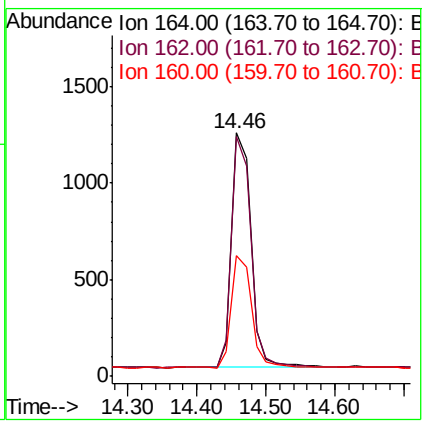




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:164 Resp: 2370

Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.8	116.8
160	49.8	38.2	57.4



Instrument :
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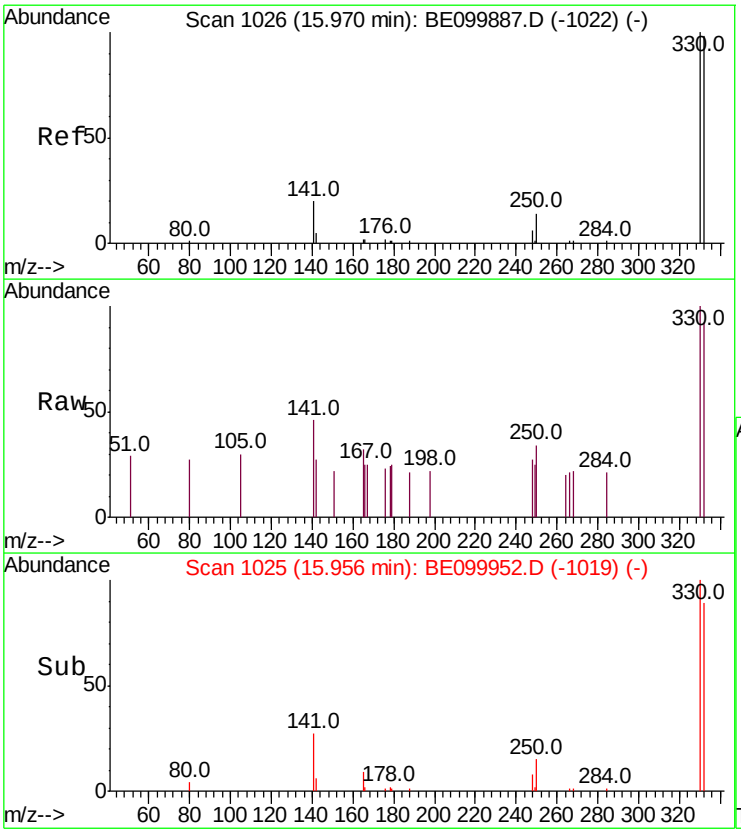
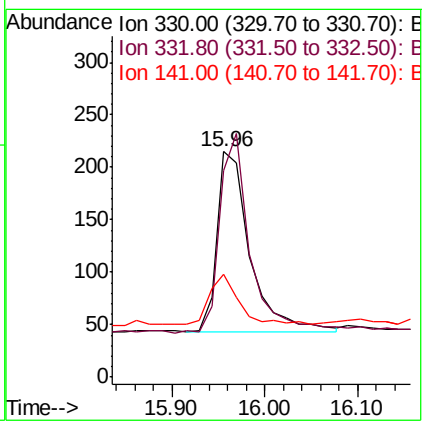
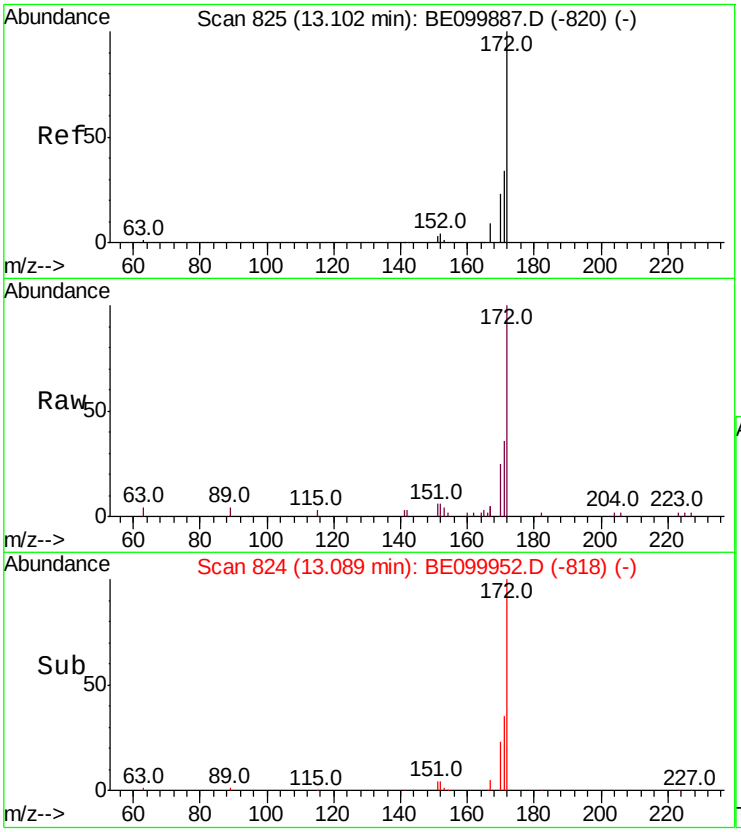


#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:330 Resp: 426

Ion	Ratio	Lower	Upper
330	100		
332	107.3	76.7	115.1
141	25.4	21.0	31.6

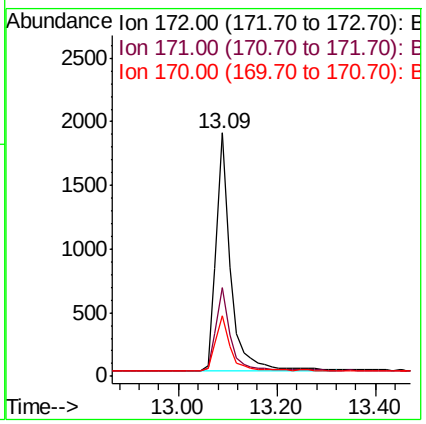




#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:172 Resp: 3774

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.9	21.2	31.8



Instrument :
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ClientSampleId :
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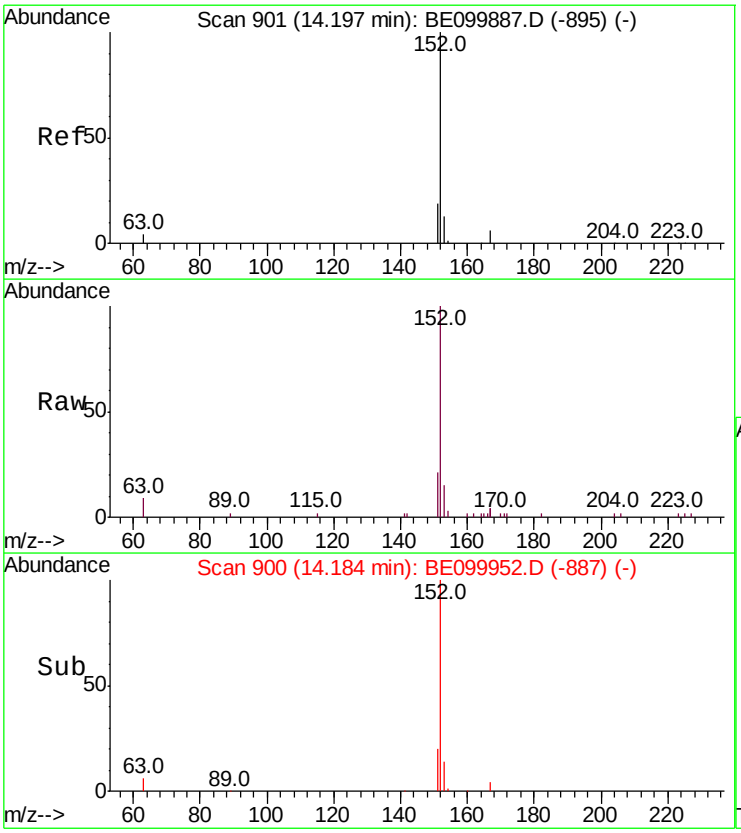
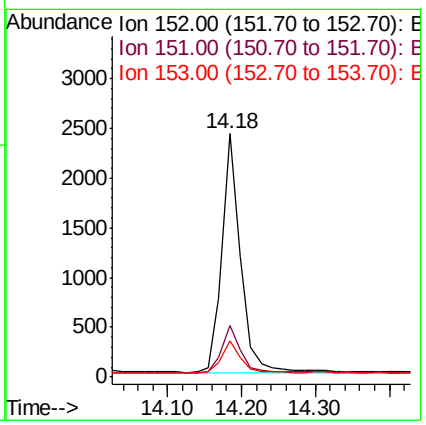
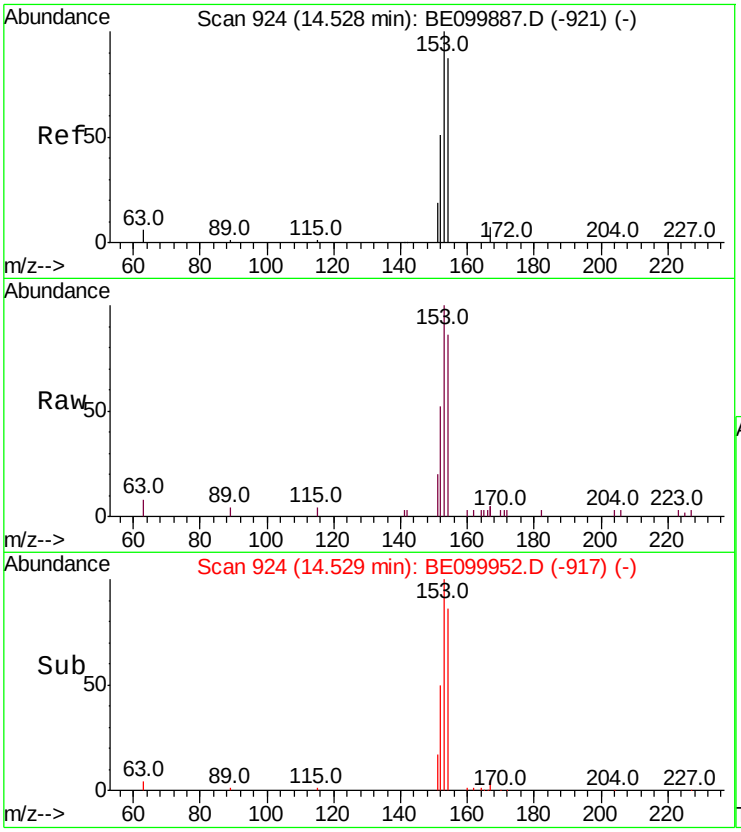


#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:152 Resp: 4203

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	13.5	10.2	15.2

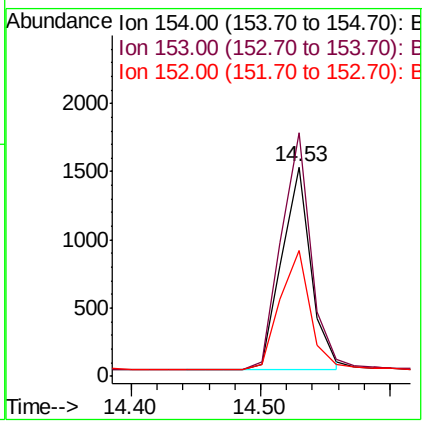




#17
Acenaphthene
Concen: 0.369 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:154 Resp: 2372

Ion	Ratio	Lower	Upper
154	100		
153	117.8	93.1	139.7
152	60.4	47.0	70.4



Instrument :
BNA_E
ClientSampleId :
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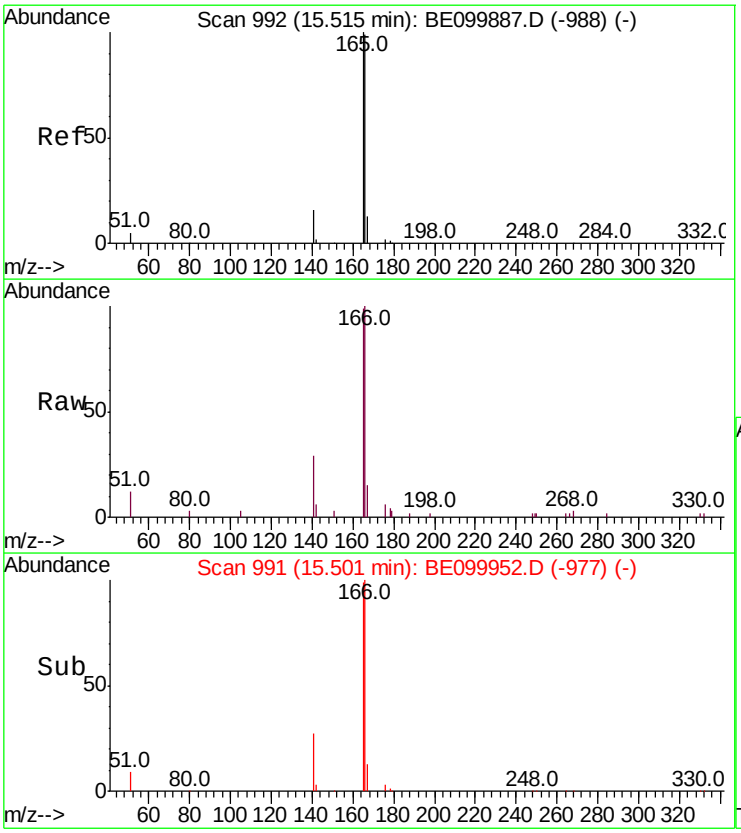
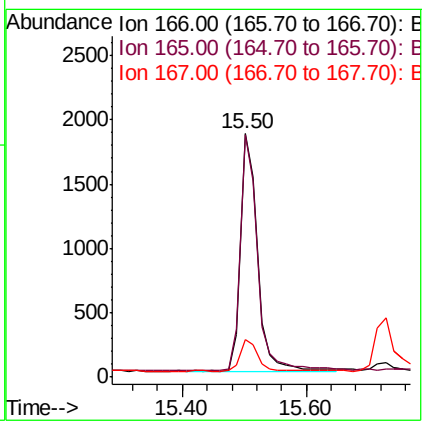
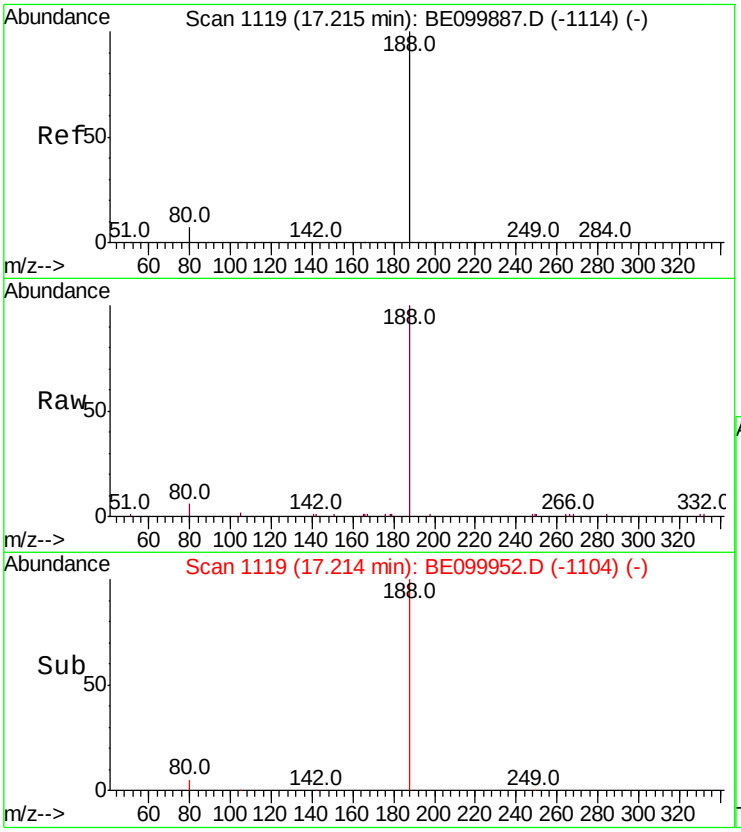


#18
Fluorene
Concen: 0.366 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:166 Resp: 3531

Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.8	122.8
167	13.6	11.2	16.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:188 Resp: 7072

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	6.4	9.6#

Instrument :
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ClientSampleId :
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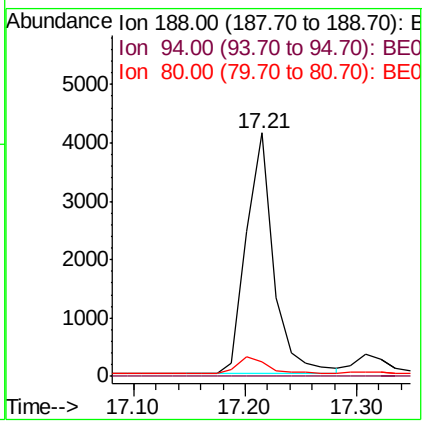
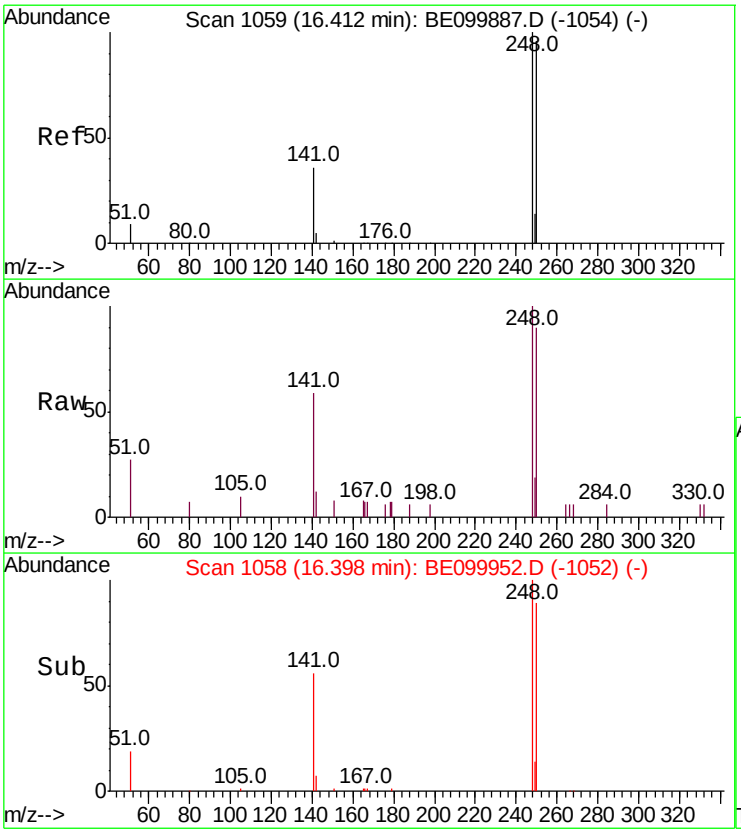
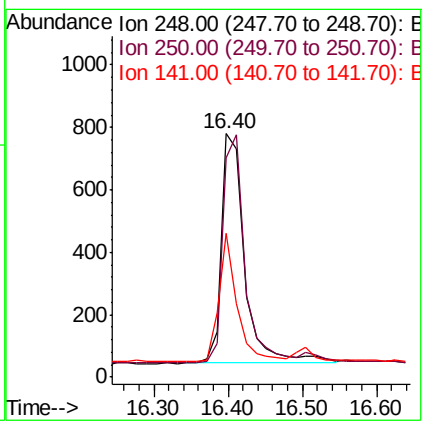


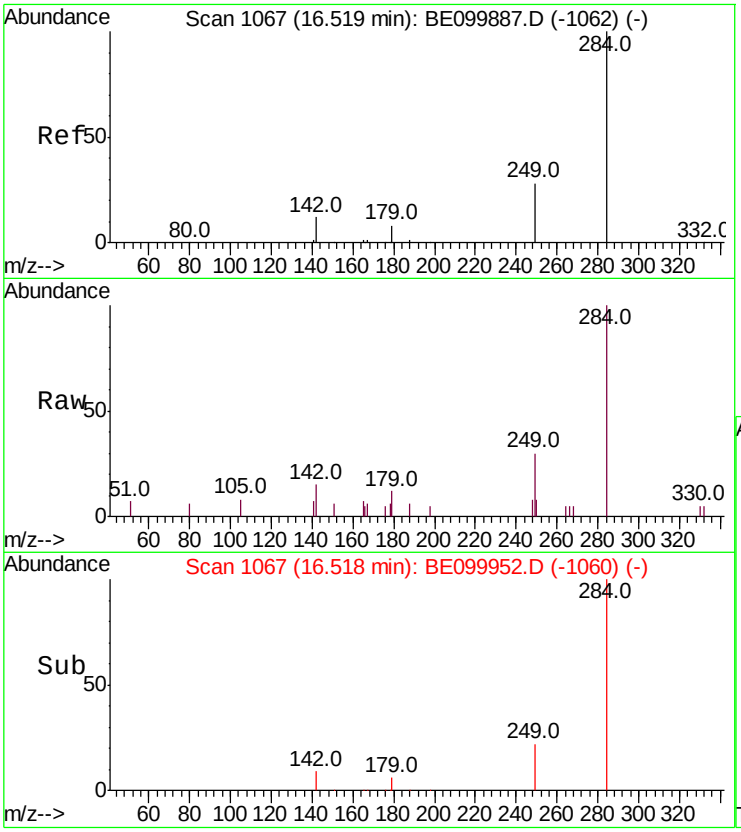


#20
4-Bromophenyl-phenylether
Concen: 0.402 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:248 Resp: 1610

Ion	Ratio	Lower	Upper
248	100		
250	90.0	77.5	116.3
141	58.8	31.8	47.8#





#21
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:284 Resp: 1575

Ion	Ratio	Lower	Upper
284	100		
142	23.4	18.2	27.4
249	30.1	24.6	37.0

Instrument :
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ClientSampleId :
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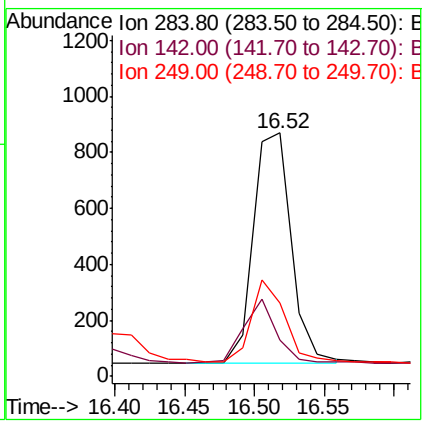
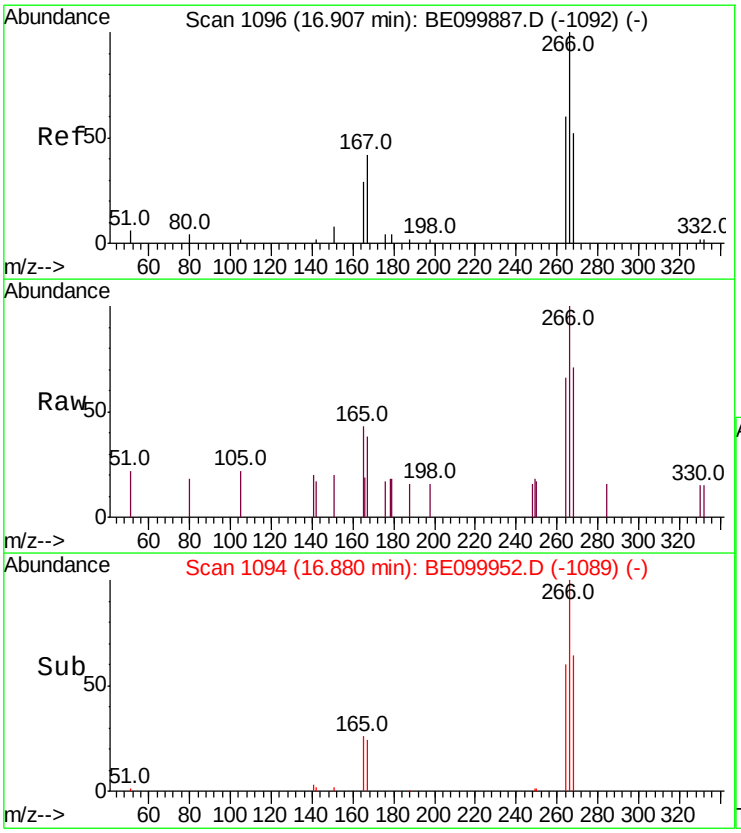
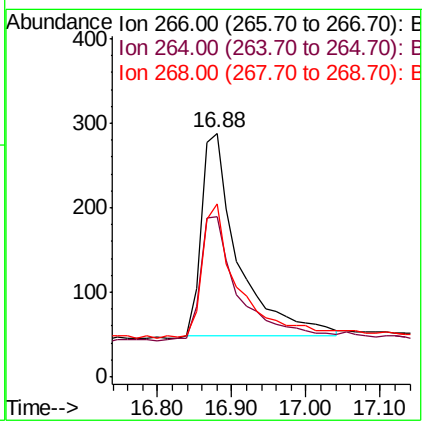


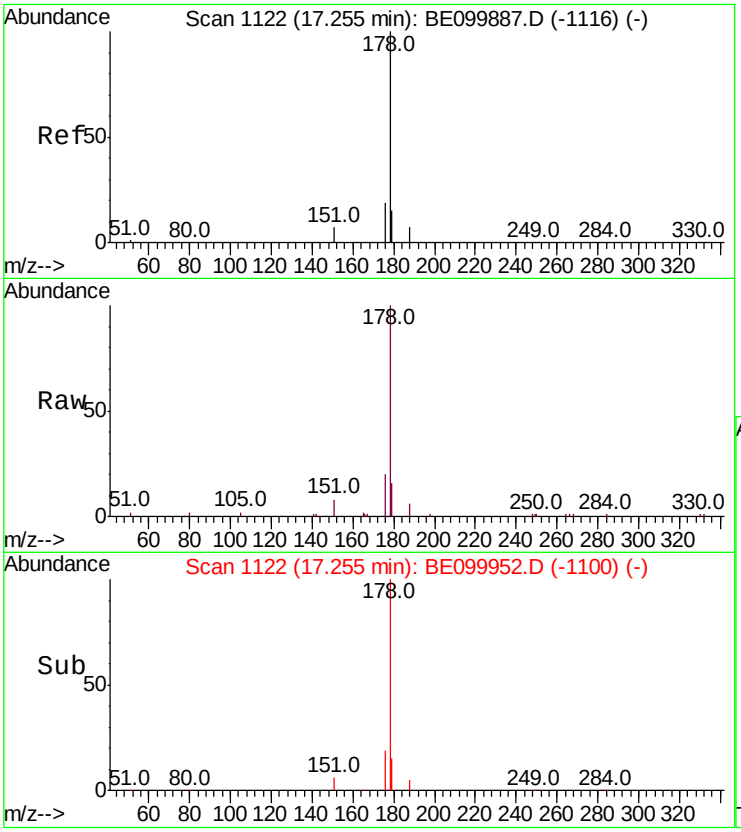


#22
Pentachlorophenol
Concen: 0.719 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:266 Resp: 827

Ion	Ratio	Lower	Upper
266	100		
264	66.0	62.2	93.2
268	71.2	65.5	98.3

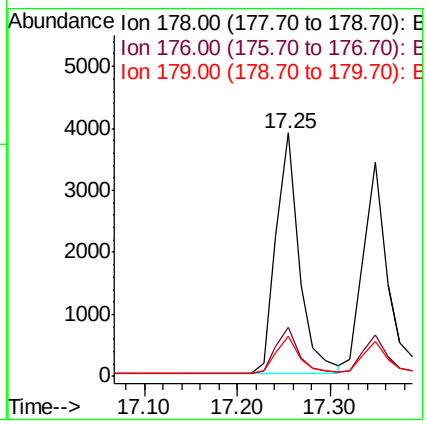




#23
Phenanthrene
Concen: 0.394 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:178 Resp: 6754

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.8	12.4	18.6



Instrument :
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ClientSampleId :
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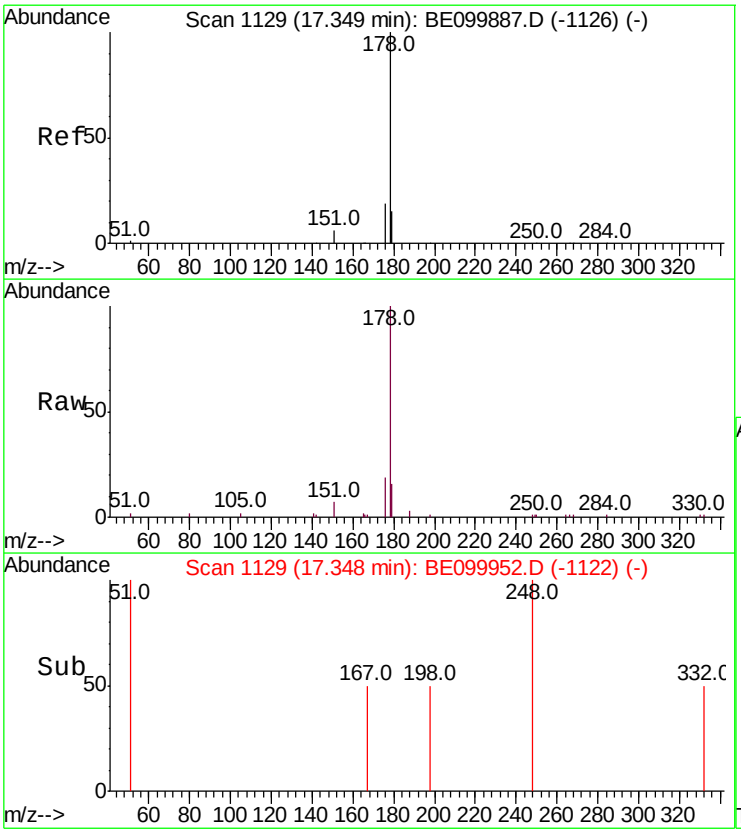
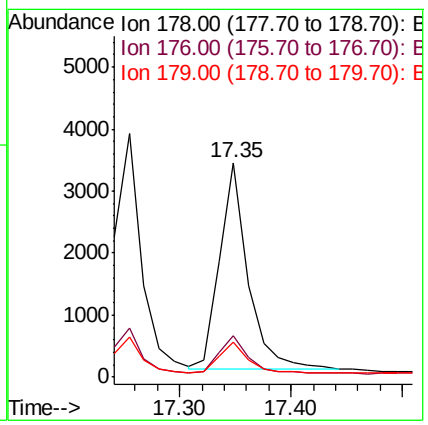
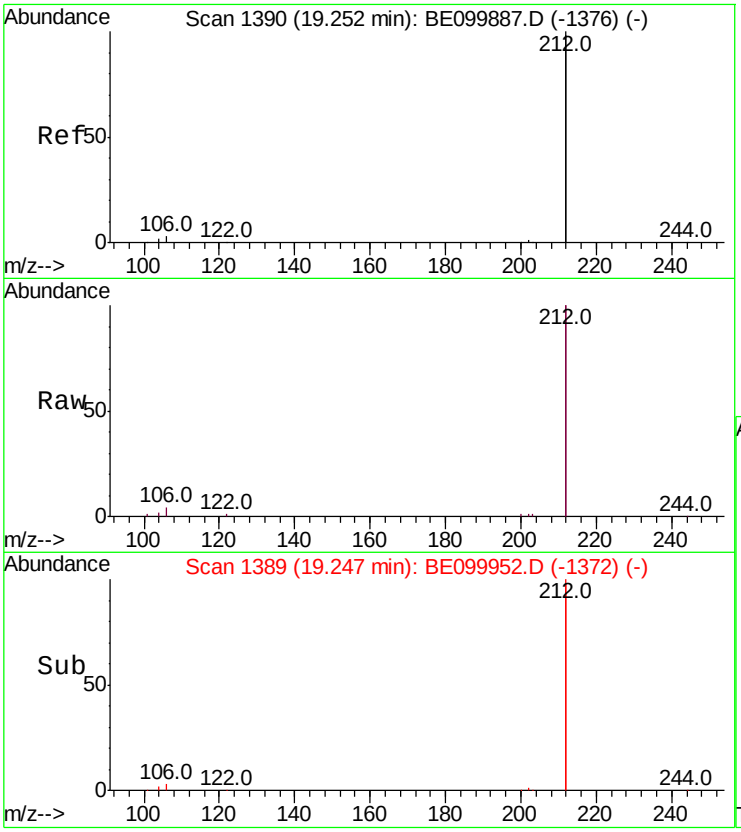


#24
Anthracene
Concen: 0.372 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:178 Resp: 5850

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.1	12.3	18.5

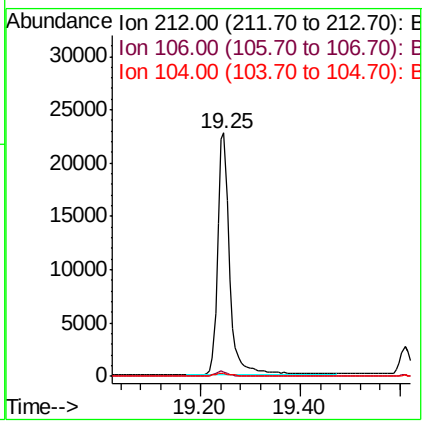




#25
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:212 Resp: 37256

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.2	0.9	1.3



Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

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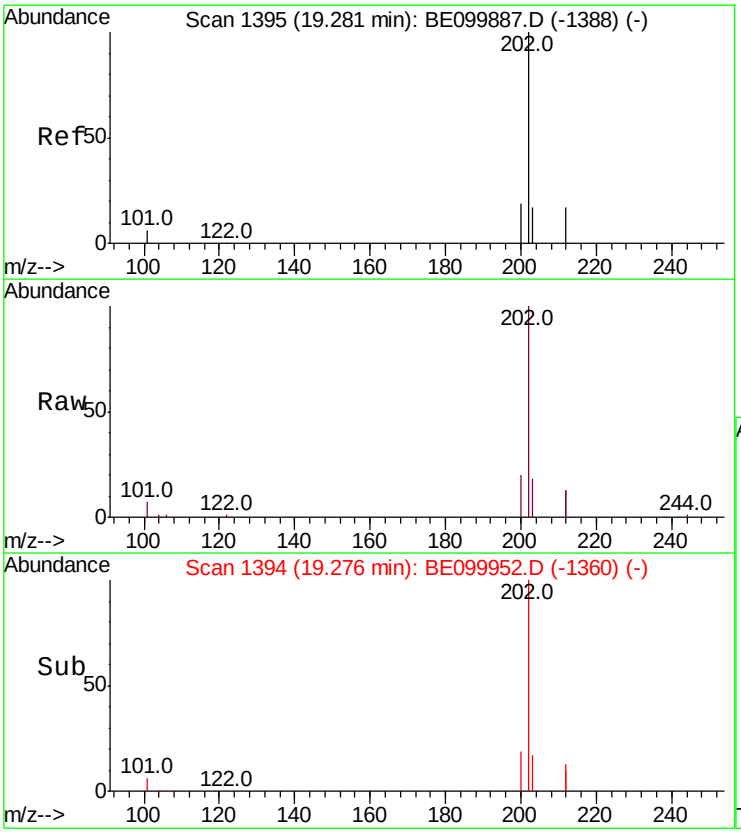
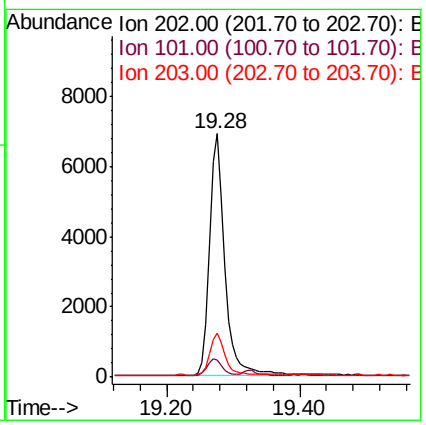
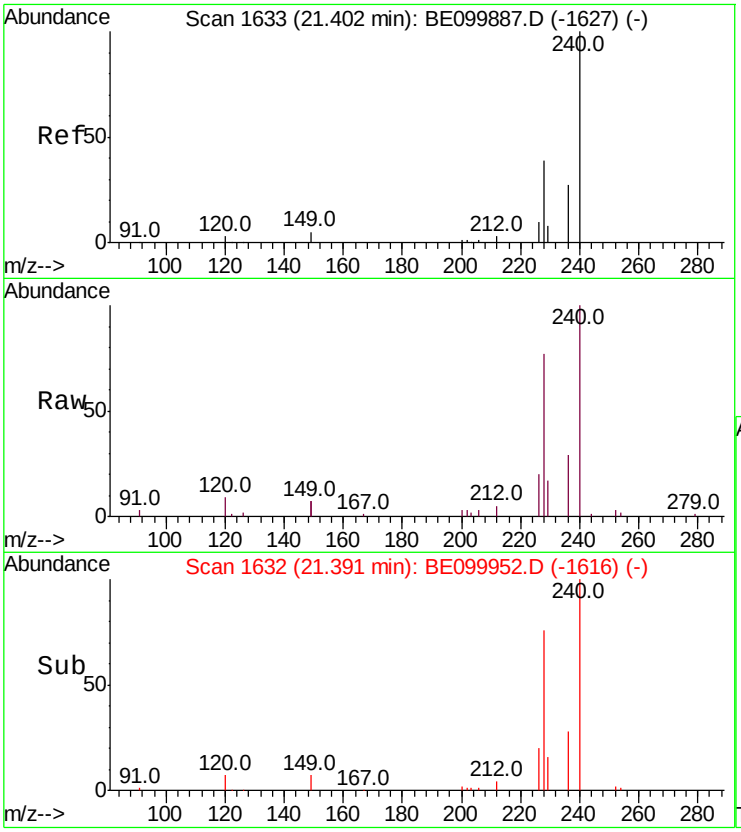


#26
Fluoranthene
Concen: 0.376 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:202 Resp: 10973

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.4	8.0
203	16.9	13.2	19.8

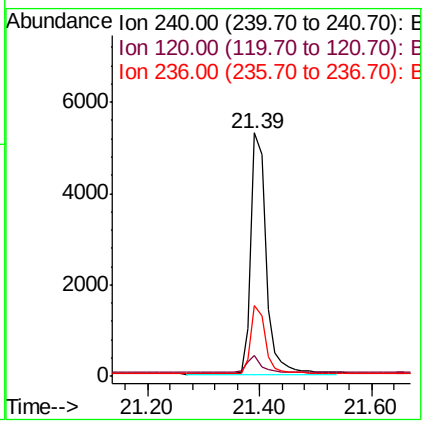




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:240 Resp: 10055

Ion	Ratio	Lower	Upper
240	100		
120	8.6	3.8	5.6#
236	29.2	22.0	33.0



Instrument :
BNA_E
ClientSampleId :
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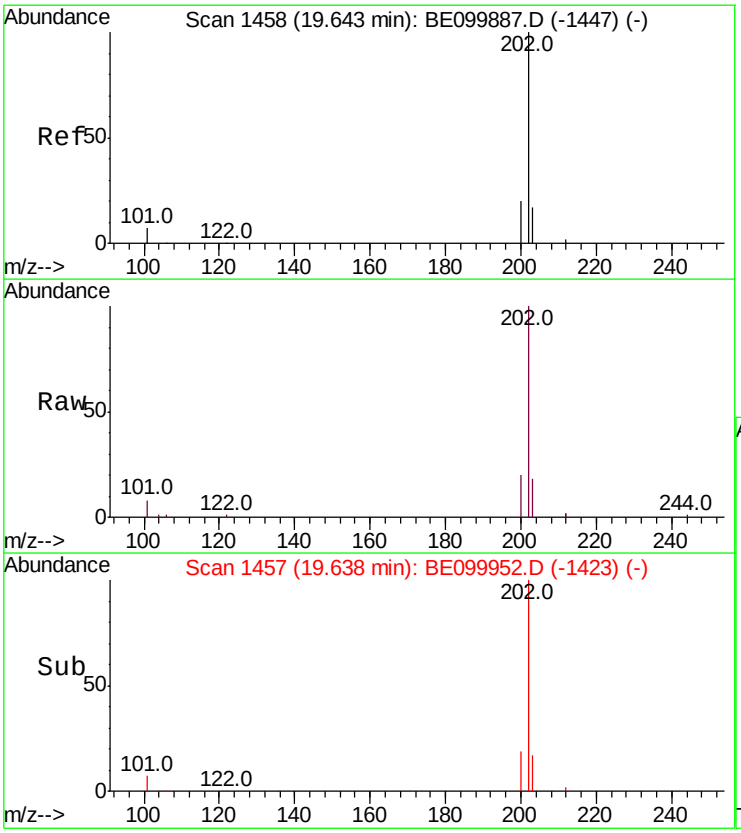
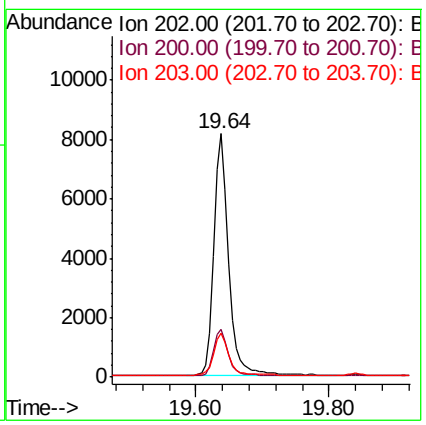
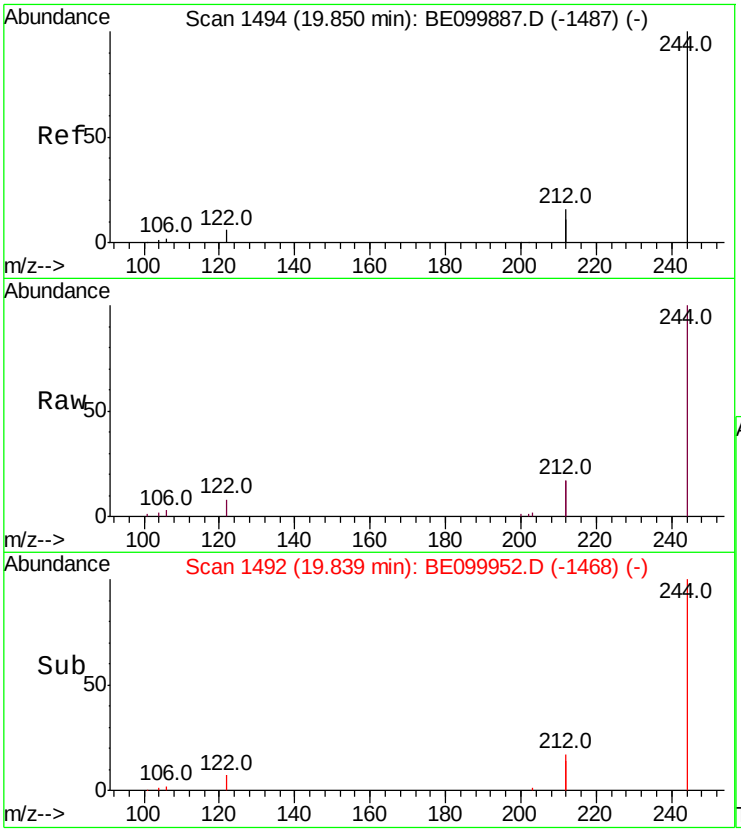


#28
Pyrene
Concen: 0.471 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:202 Resp: 12452

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	17.9	14.0	21.0

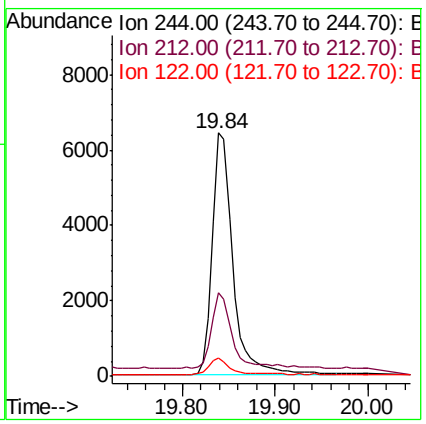




#29
Terphenyl-d14
Concen: 0.544 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:244 Resp: 9855

Ion	Ratio	Lower	Upper
244	100		
212	34.3	25.7	38.5
122	7.6	5.5	8.3



Instrument :
BNA_E
ClientSampleId :
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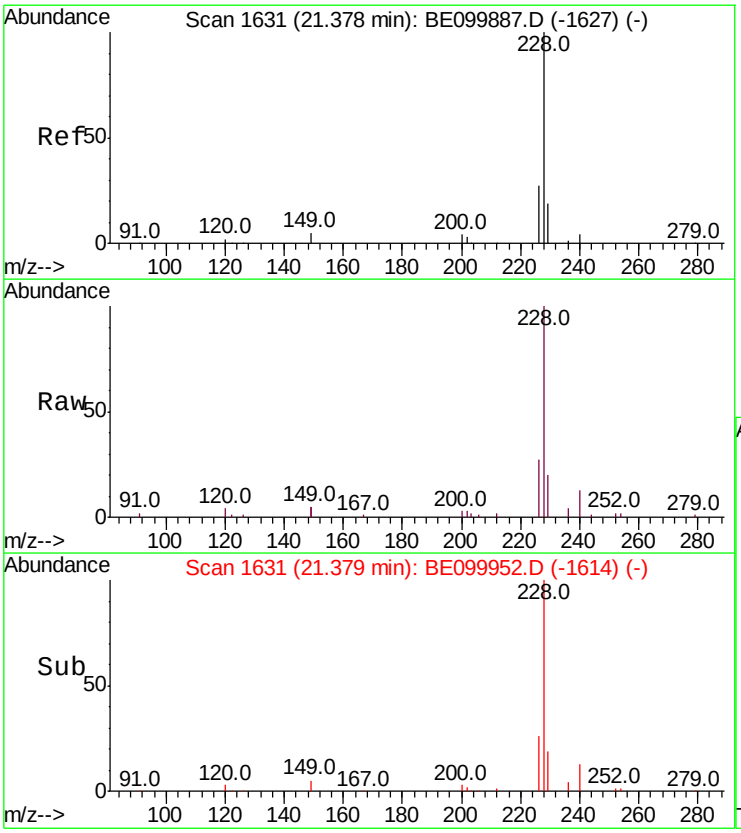
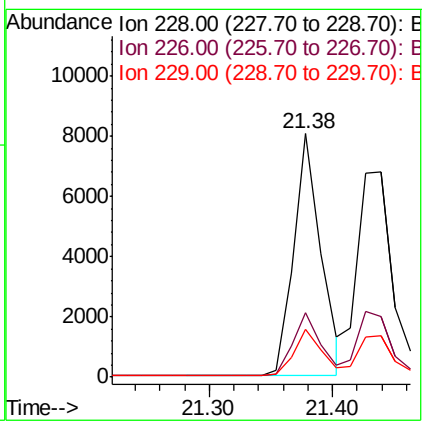
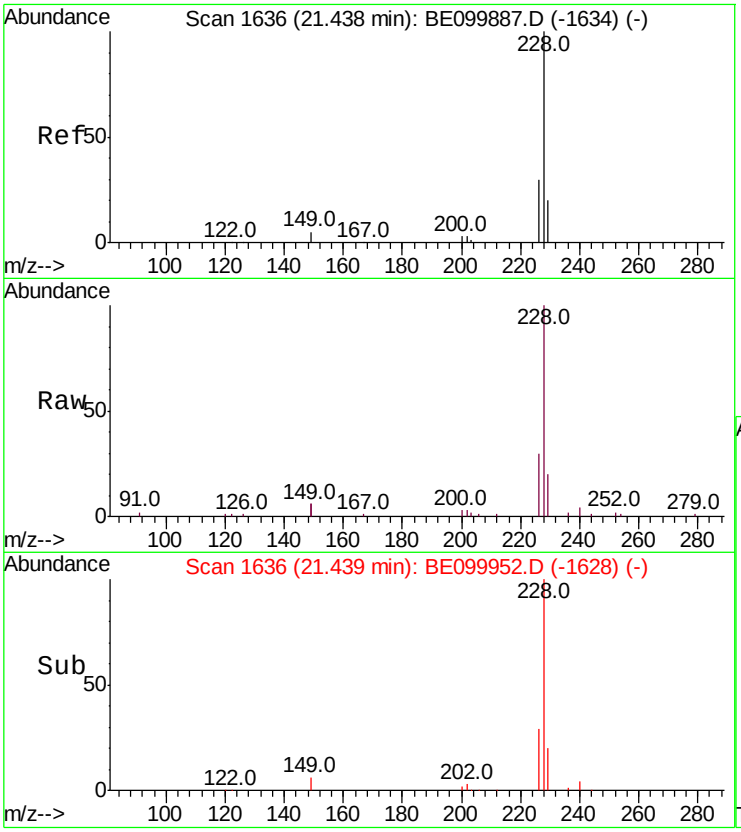


#30
Benzo(a)anthracene
Concen: 0.410 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:228 Resp: 12310

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.5	33.7
229	19.8	15.9	23.9

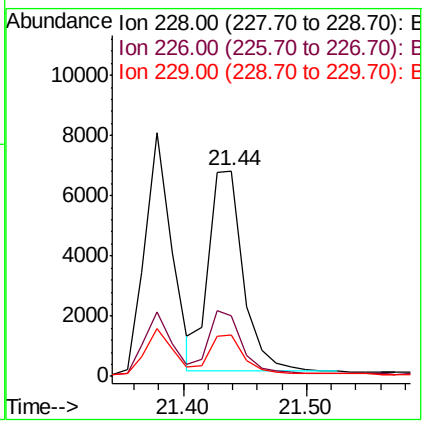




#31
Chrysene
Concen: 0.423 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:228 Resp: 13136

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	20.3	16.1	24.1



Instrument :
BNA_E
ClientSampleId :
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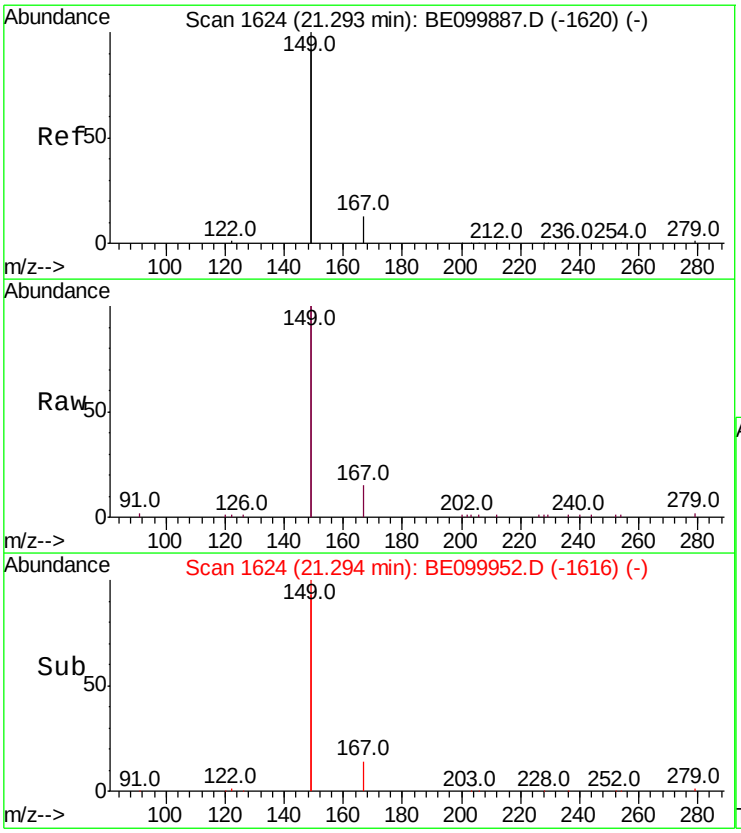
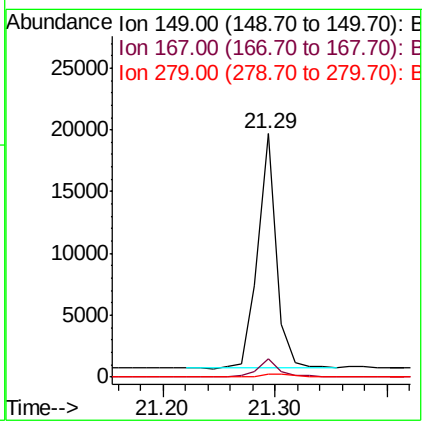
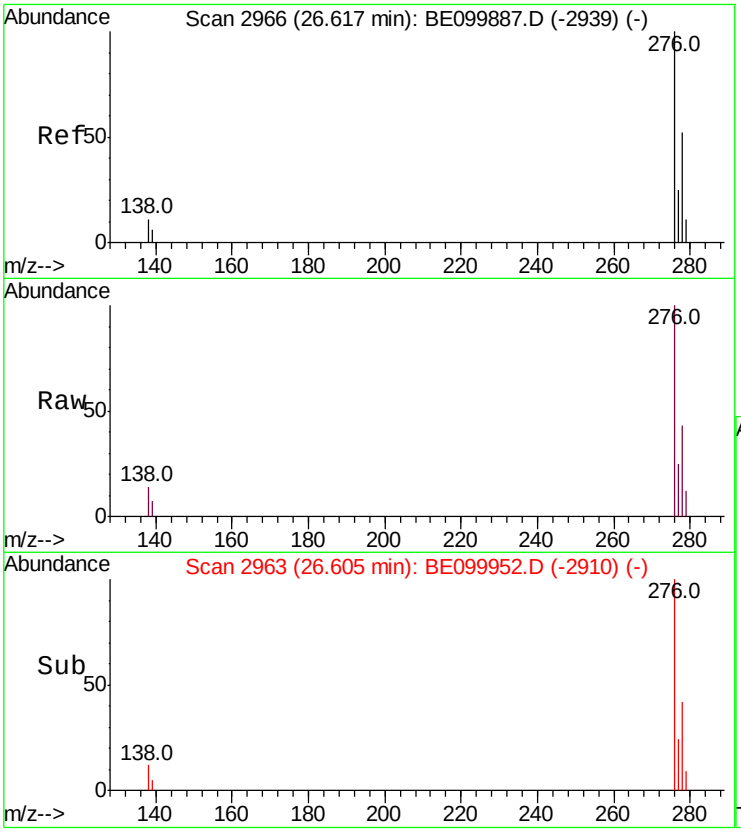


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.513 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:149 Resp: 22114

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.3	1.2	1.8

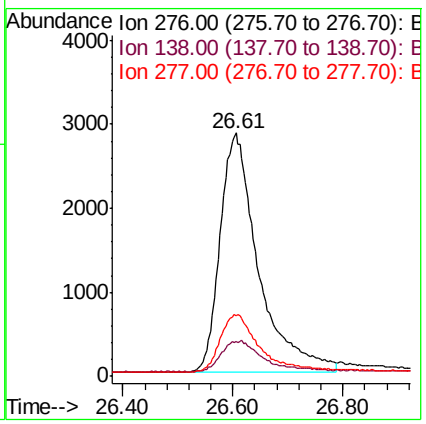




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng
RT: 26.61 min Scan# 2963
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:276 Resp: 13804

Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.1	15.1
277	24.2	19.1	28.7



Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

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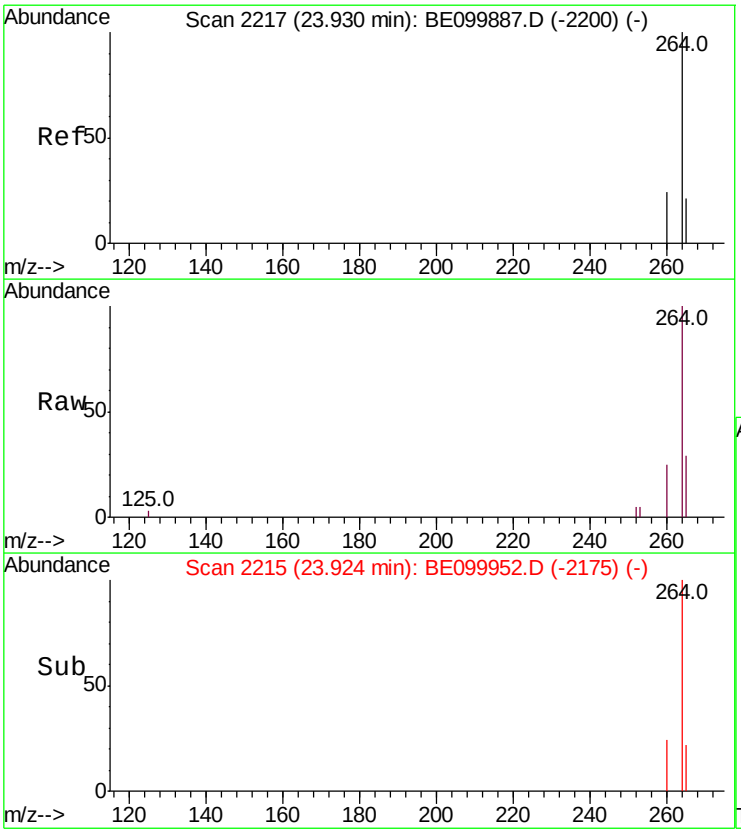
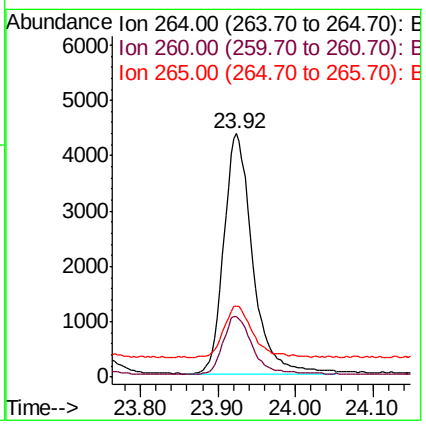
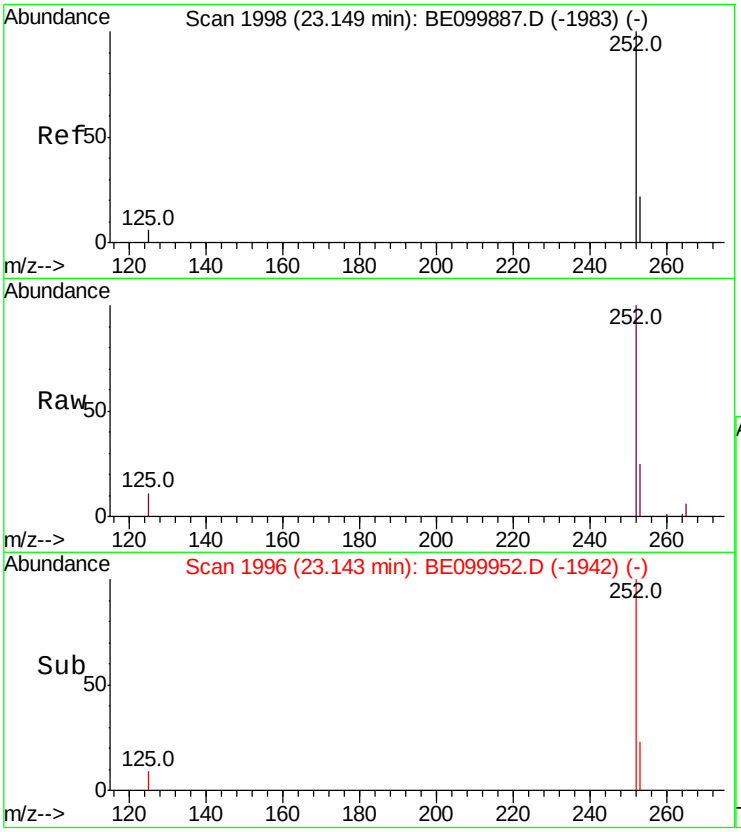


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:264 Resp: 11264

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.2
265	29.3	22.0	33.0

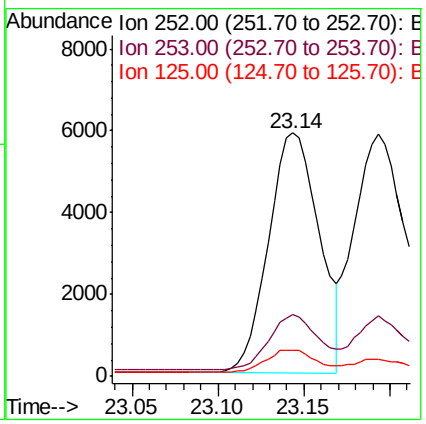




#35
Benzo(b)fluoranthene
Concen: 0.382 ng m
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:252 Resp: 12048

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.7	28.1
125	10.8	5.7	8.5#



Instrument :
BNA_E
ClientSampleId :
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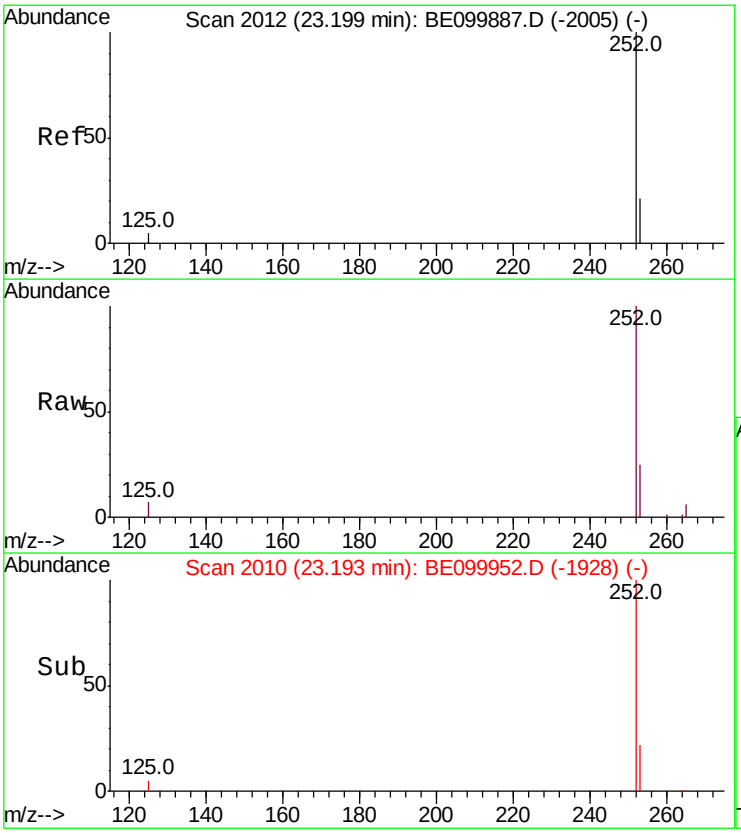
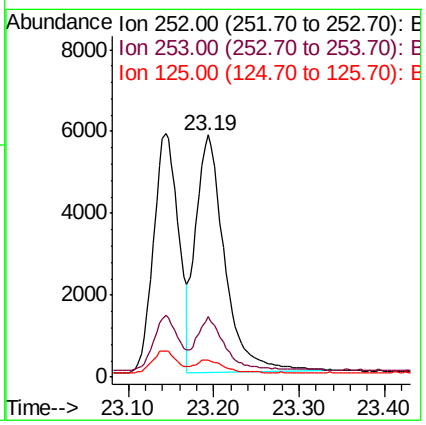
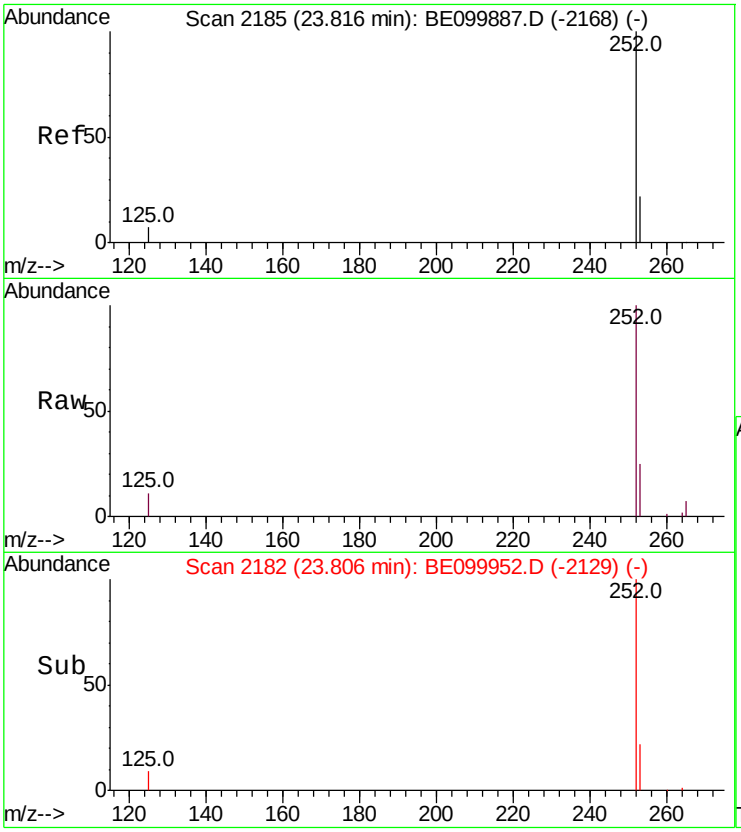


#36
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 23.19 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:252 Resp: 13647

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.6	28.0
125	7.1	5.4	8.0





#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.81 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:252 Resp: 12474

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.6	29.4
125	11.3	6.6	10.0#

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

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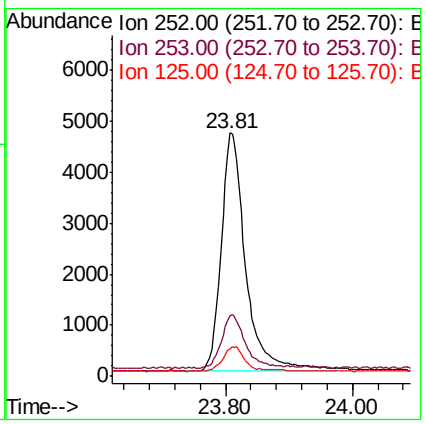
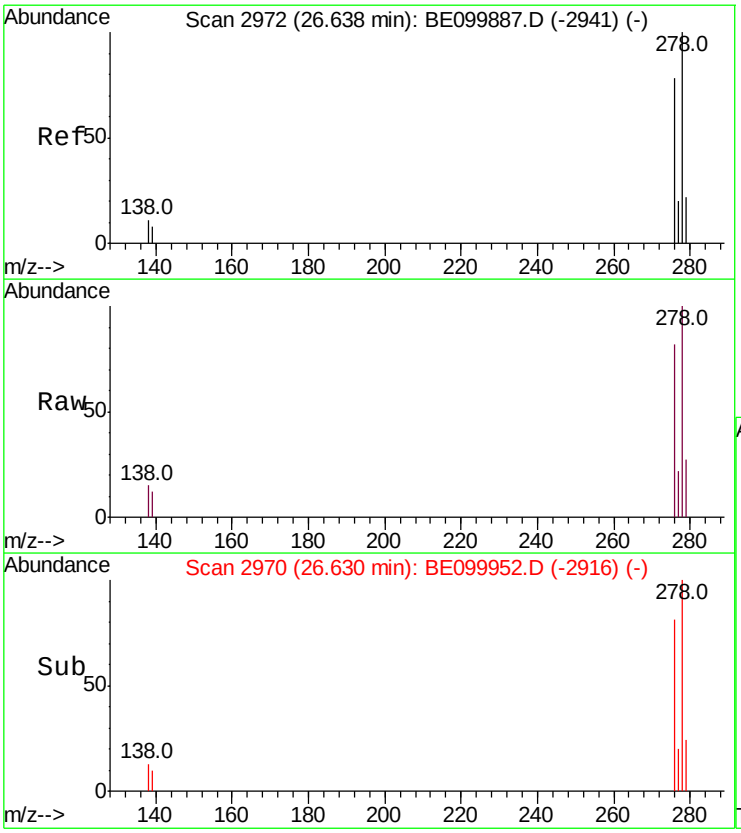
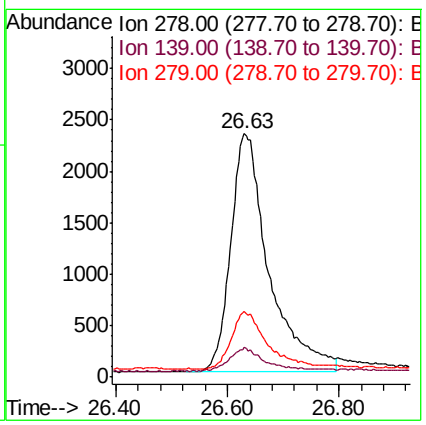


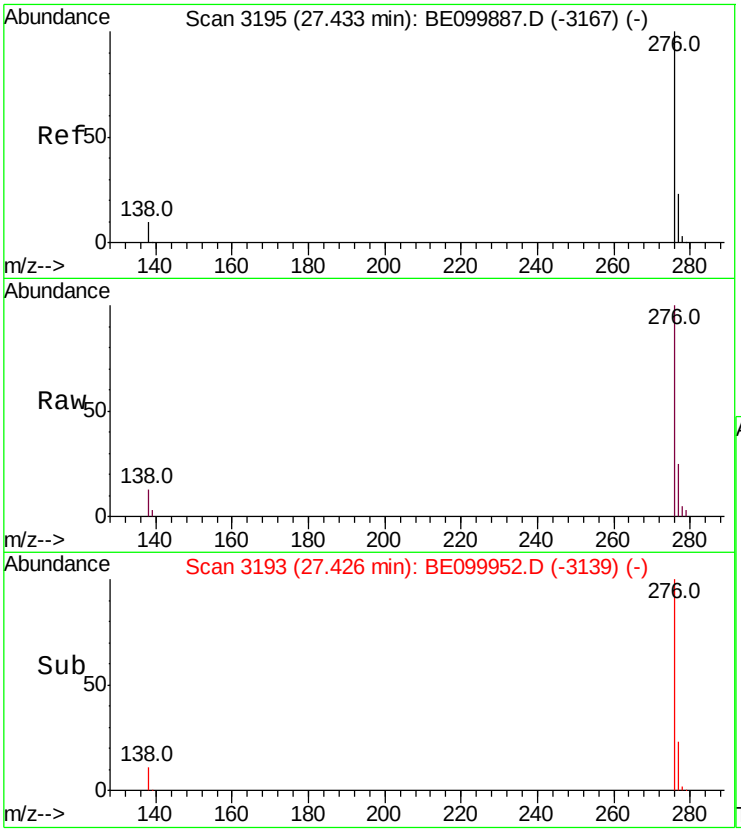


#38
Dibenzo(a,h)anthracene
Concen: 0.353 ng
RT: 26.63 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:278 Resp: 11047

Ion	Ratio	Lower	Upper
278	100		
139	12.0	7.8	11.8#
279	26.8	20.0	30.0

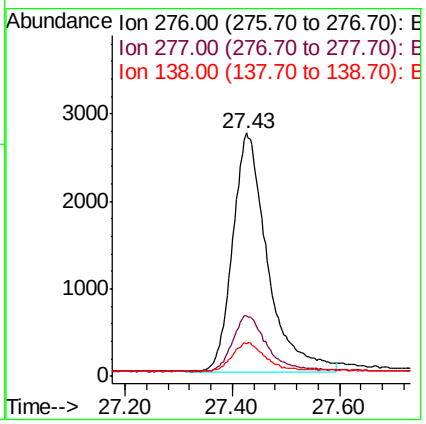




#39
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 27.43 min Scan# 3193
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:276 Resp: 12286

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	13.2	9.5	14.3



Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

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mohammad
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