Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
Data File : BE099852.D
Acq On : 7 Jun 2019 14:40
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Jun 07 15:16:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 14:26:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	606	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	2195	0.40	ng		-0.01
13) Acenaphthene-d10	14.47	164	1627	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	5457	0.40	ng		-0.01
27) Chrysene-d12	21.40	240	10511	0.40	ng		-0.01
34) Perylene-d12	23.94	264	11689	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	9213	6.25	ng		0.00
5) Phenol-d6	6.95	99	12285	6.48	ng		-0.01
8) Nitrobenzene-d5	8.95	82	11963	6.20	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	20077	5.33	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	8374	8.82	ng		-0.02
15) 2-Fluorobiphenyl	13.09	172	31081	5.14	ng		-0.02
25) Fluoranthene-d10	19.25	212	442588	5.46	ng		0.00
29) Terphenyl-d14	19.85	244	93836	5.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	4024	4.578	ng		99
3) n-Nitrosodimethylamine	3.59	42	2926	6.277	ng	#	88
6) bis(2-Chloroethyl)ether	7.22	93	9357	5.628	ng		100
9) Naphthalene	10.65	128	120731	5.152	ng		98
10) Hexachlorobutadiene	10.93	225	8769	4.912	ng		98
12) 2-Methylnaphthalene	12.28	142	21059	5.636	ng		95
16) Acenaphthylene	14.20	152	42086	5.361	ng		99
17) Acenaphthene	14.53	154	23099	5.376	ng		97
18) Fluorene	15.52	166	35130	5.551	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	16174	5.312	ng	#	78
21) Hexachlorobenzene	16.52	284	15950	4.779	ng		96
22) Pentachlorophenol	16.87	266	8773	14.273	ng	#	79
23) Phenanthrene	17.26	178	69958	5.372	ng		99
24) Anthracene	17.35	178	70431	5.984	ng		99
26) Fluoranthene	19.28	202	123524	5.413	ng		99
28) Pyrene	19.64	202	131671	5.186	ng		100
30) Benzo(a)anthracene	21.38	228	169735	5.845	ng		98
31) Chrysene	21.44	228	165141	5.146	ng		98
32) Bis(2-ethylhexyl)phthalate	21.31	149	242530	7.275	ng		100
33) Indeno(1,2,3-cd)pyrene	26.62	276	204375	5.316	ng		98
35) Benzo(b)fluoranthene	23.15	252	166230	5.137	ng	#	95
36) Benzo(k)fluoranthene	23.20	252	162358	4.726	ng		98
37) Benzo(a)pyrene	23.82	252	159170	5.074	ng	#	91
38) Dibenzo(a,h)anthracene	26.65	278	168659	5.285	ng	#	97
39) Benzo(g,h,i)perylene	27.45	276	167029	4.982	ng		98

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

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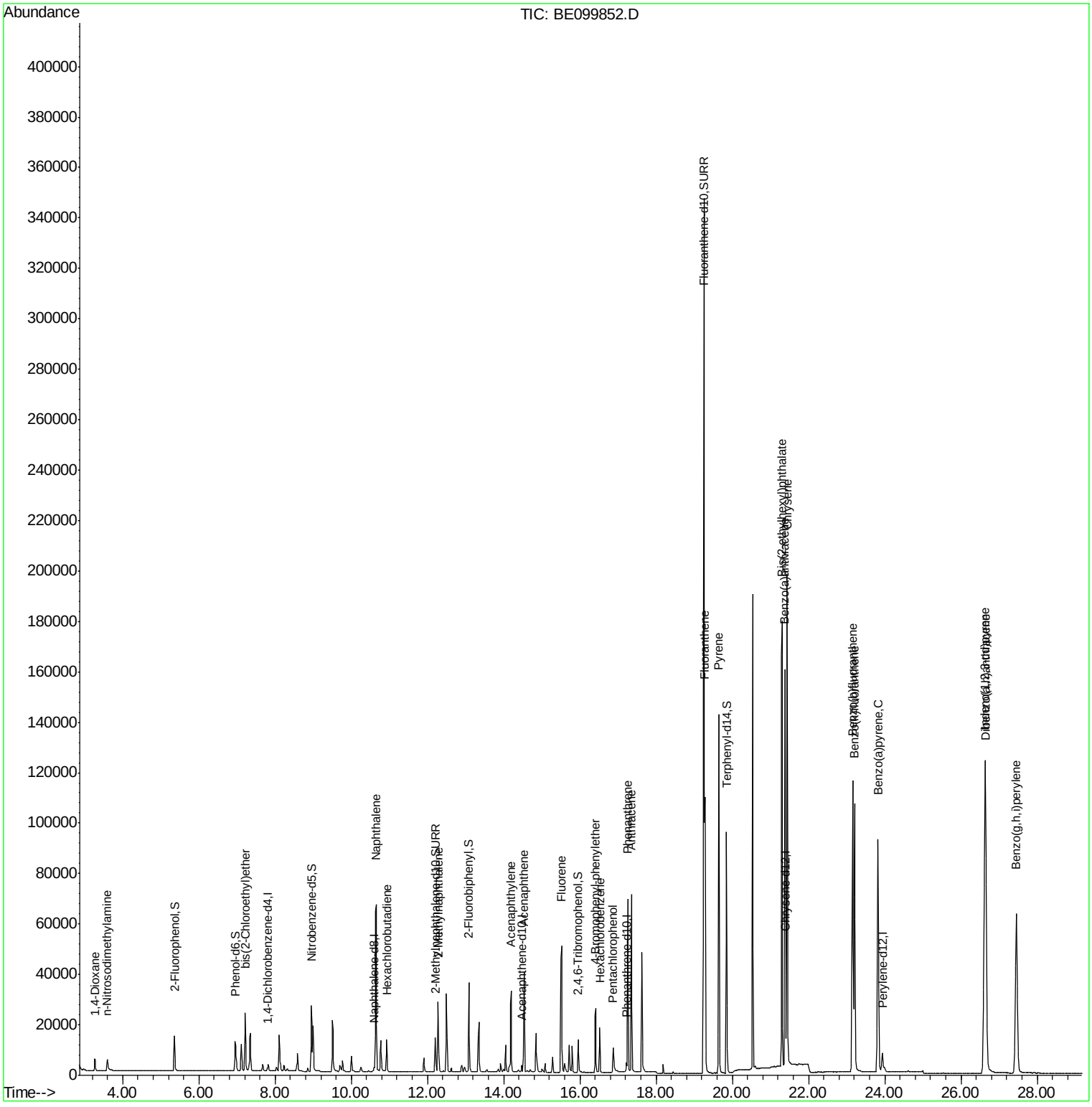
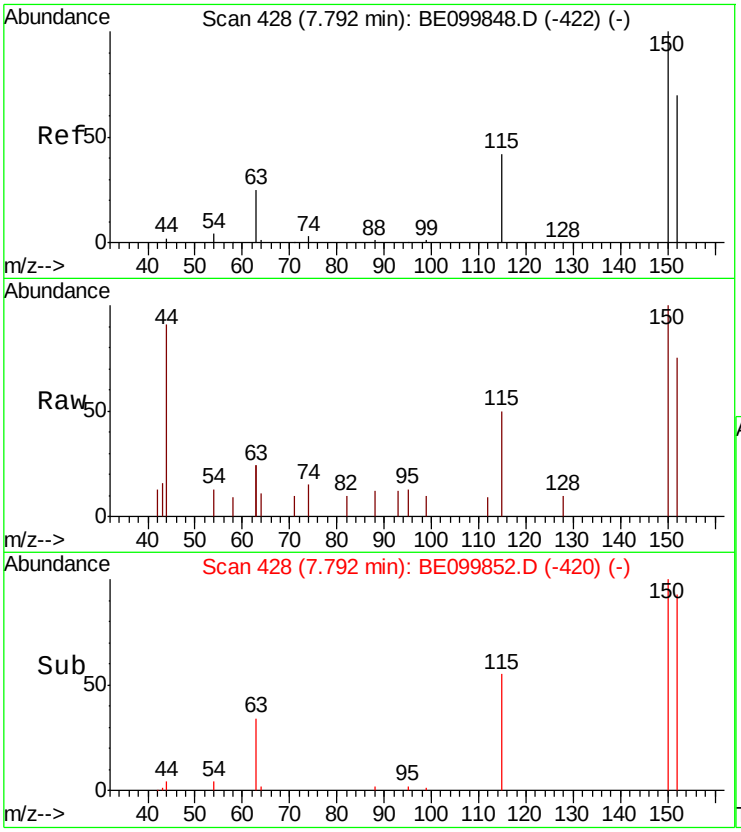
Acq On : 7 Jun 2019 14:40
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 07 15:16:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 14:26:44 2019
Response via : Initial Calibration



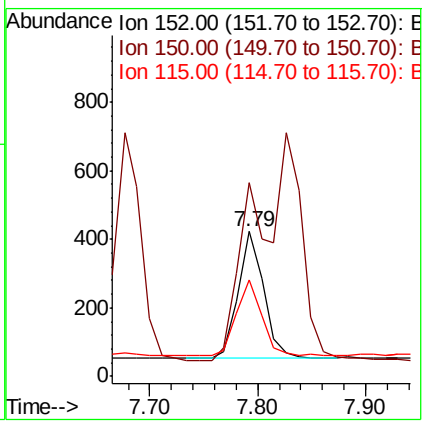


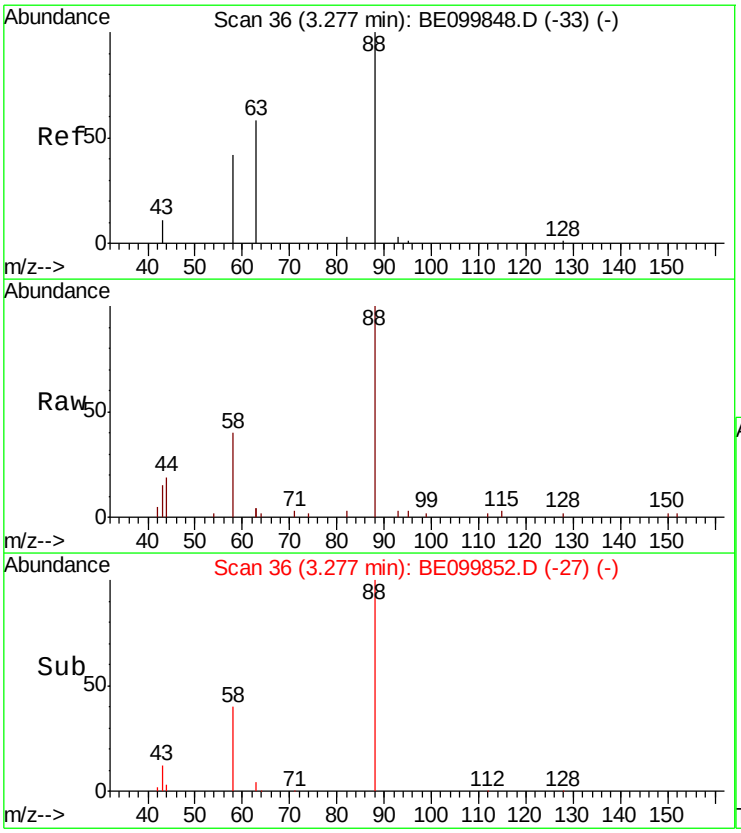
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 606

Ion	Ratio	Lower	Upper
152	100		
150	133.9	112.8	169.2
115	66.6	47.6	71.4

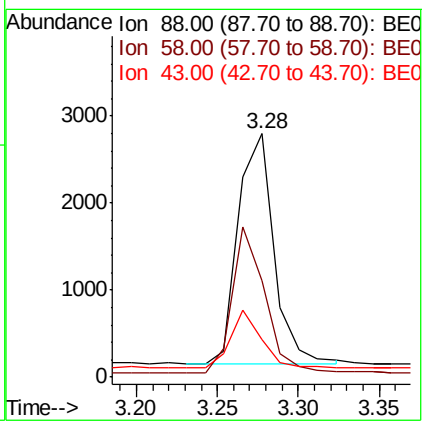


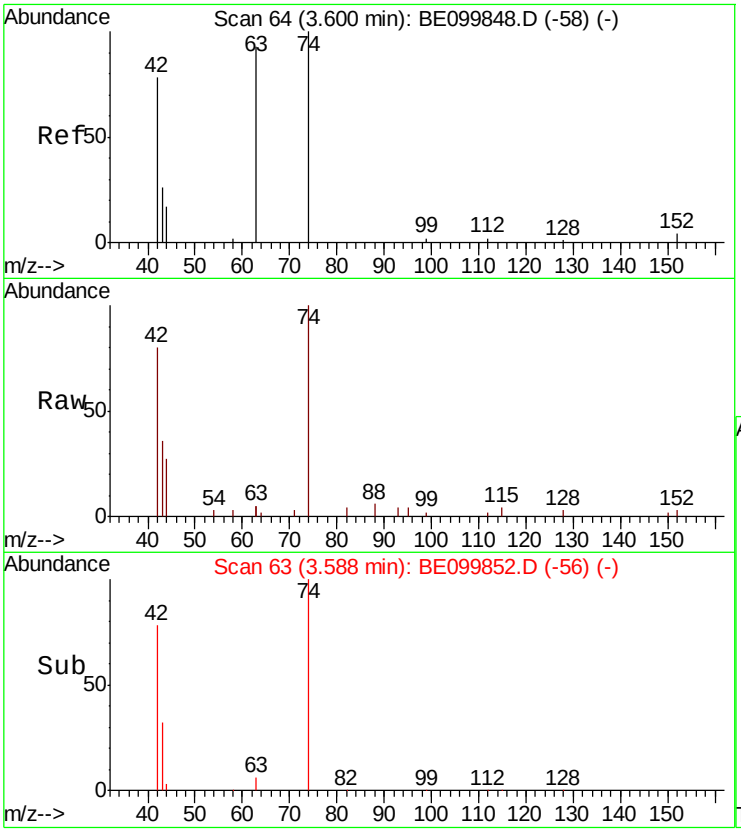


#2
1,4-Dioxane
Concen: 4.578 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion: 88 Resp: 4024

Ion	Ratio	Lower	Upper
88	100		
58	58.1	47.3	70.9
43	22.0	18.2	27.4



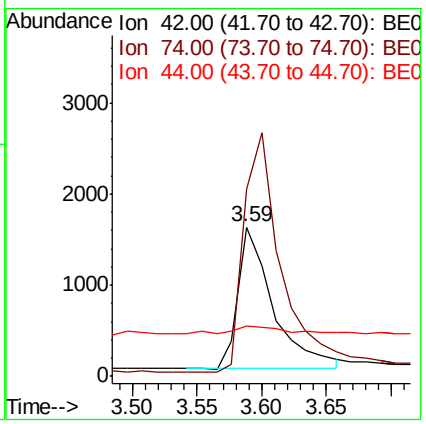


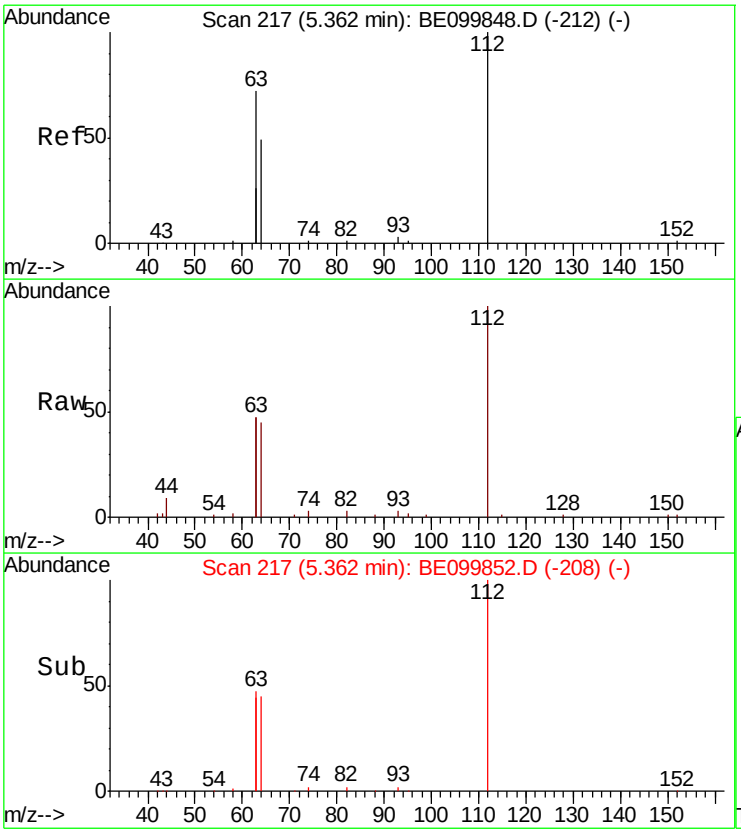
#3
n-Nitrosodimethylamine
Concen: 6.277 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.02 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 2926

Ion	Ratio	Lower	Upper
42	100		
74	181.4	132.6	198.8
44	8.3	13.4	20.0#

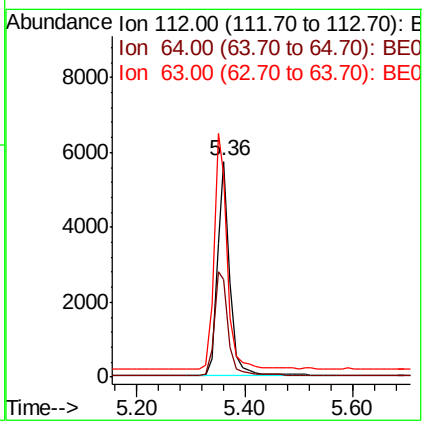


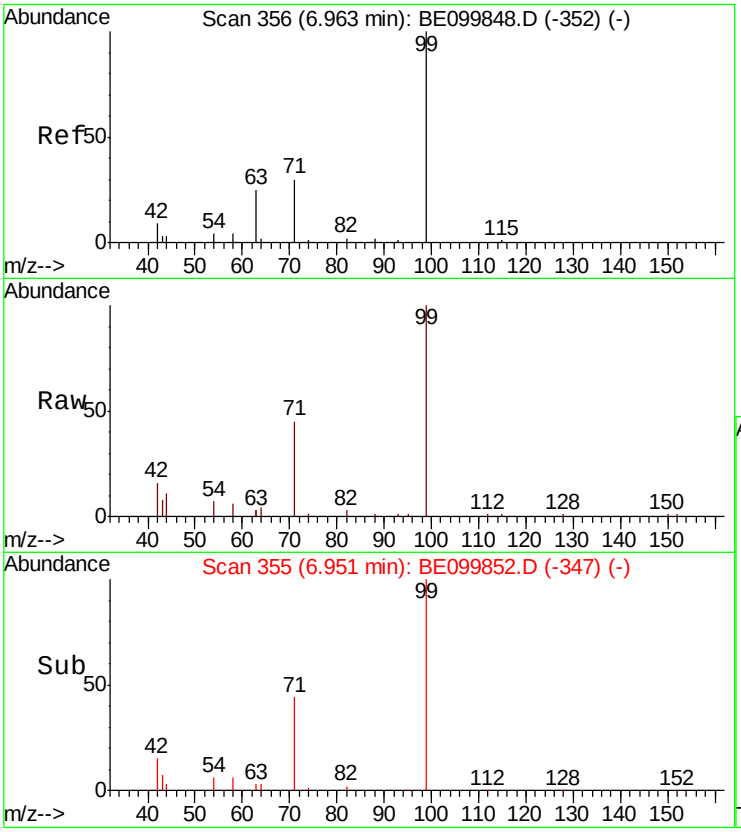


#4
2-Fluorophenol
Concen: 6.246 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:112 Resp: 9213

Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.2	70.8
63	117.5	90.7	136.1



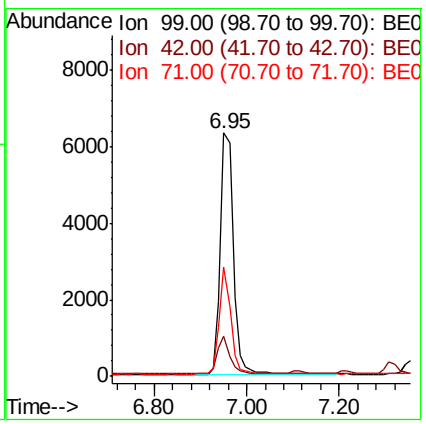


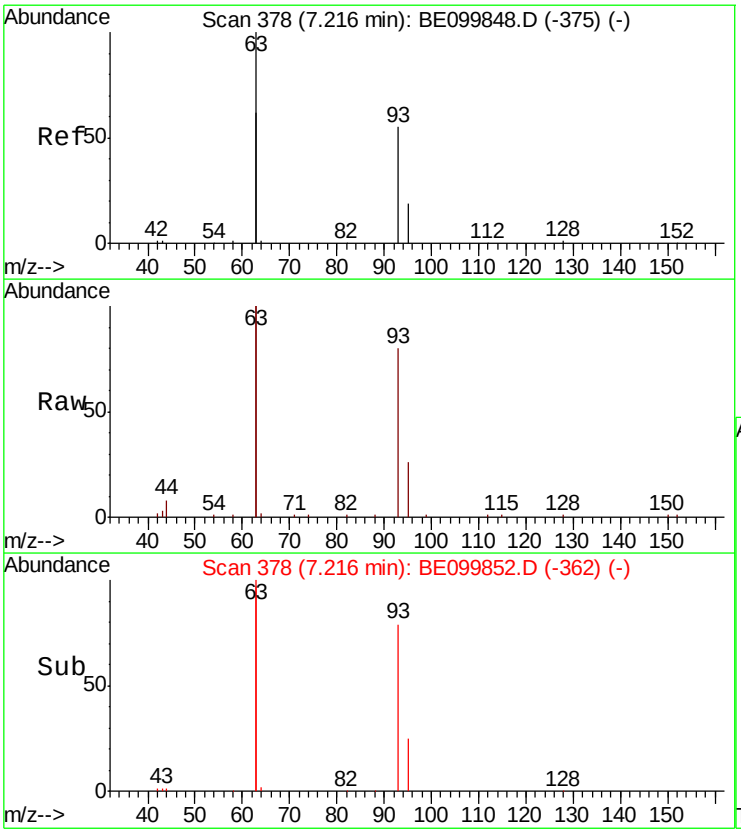
#5
Phenol-d6
Concen: 6.478 ng
RT: 6.95 min Scan# 355
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 12285

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.0	16.4
71	38.5	26.1	39.1

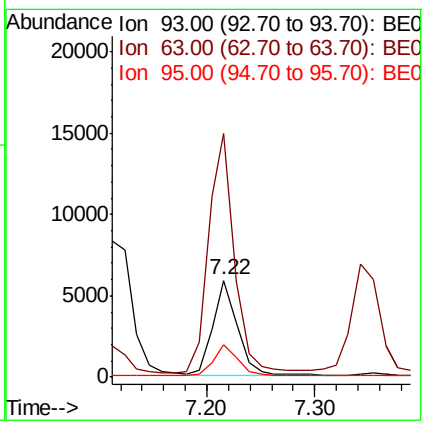


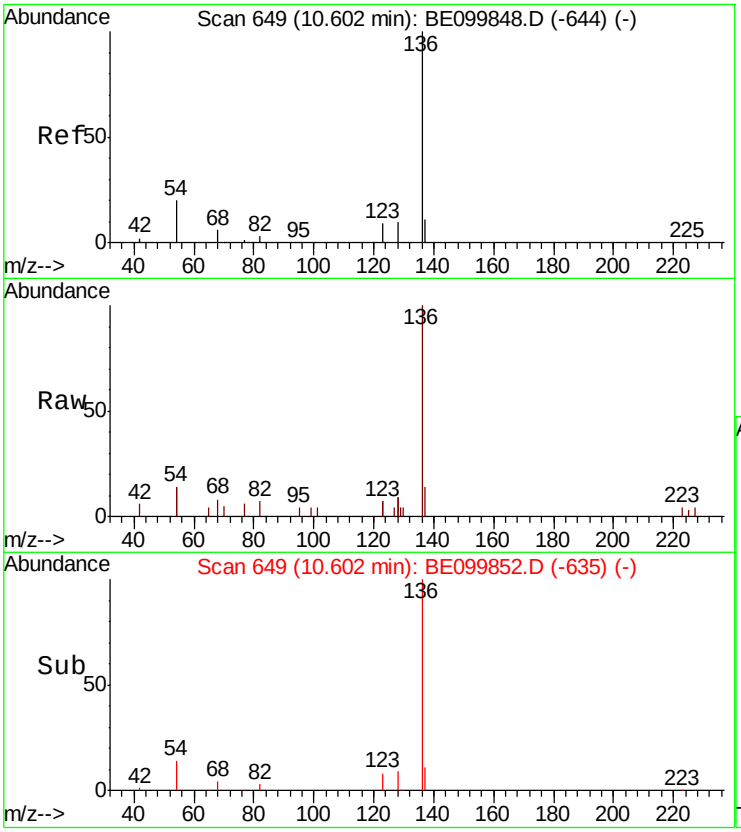


#6
bis(2-Chloroethyl)ether
Concen: 5.628 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion: 93 Resp: 9357

Ion	Ratio	Lower	Upper
93	100		
63	261.0	208.8	313.2
95	32.1	27.6	41.4



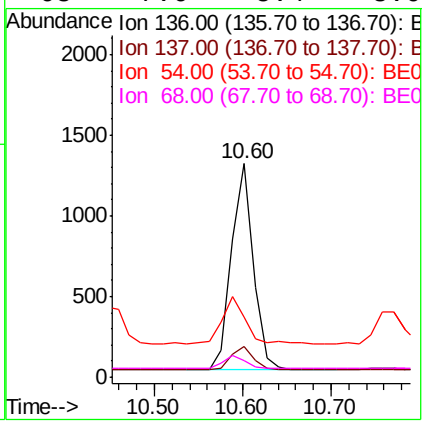


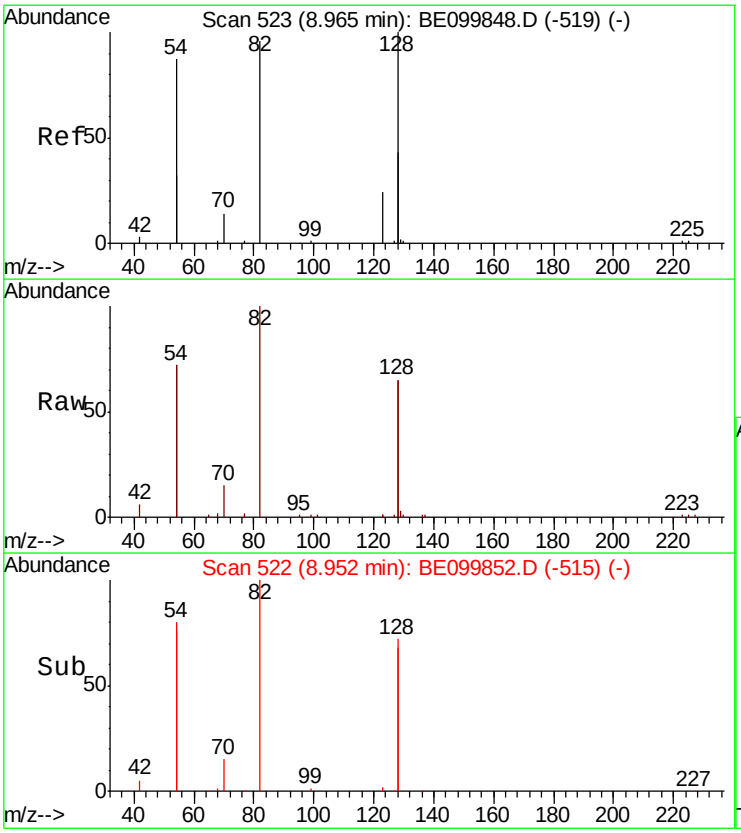
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 2195

Ion	Ratio	Lower	Upper
136	100		
137	14.2	11.1	16.7
54	27.9	17.9	26.9#
68	7.6	5.4	8.0

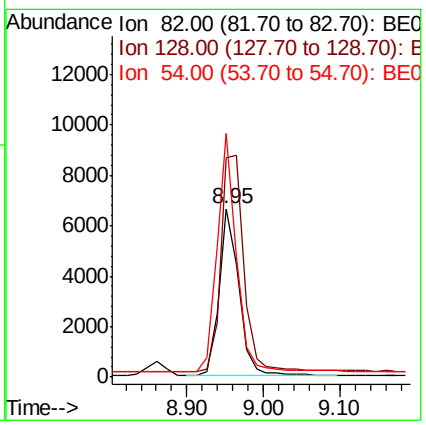


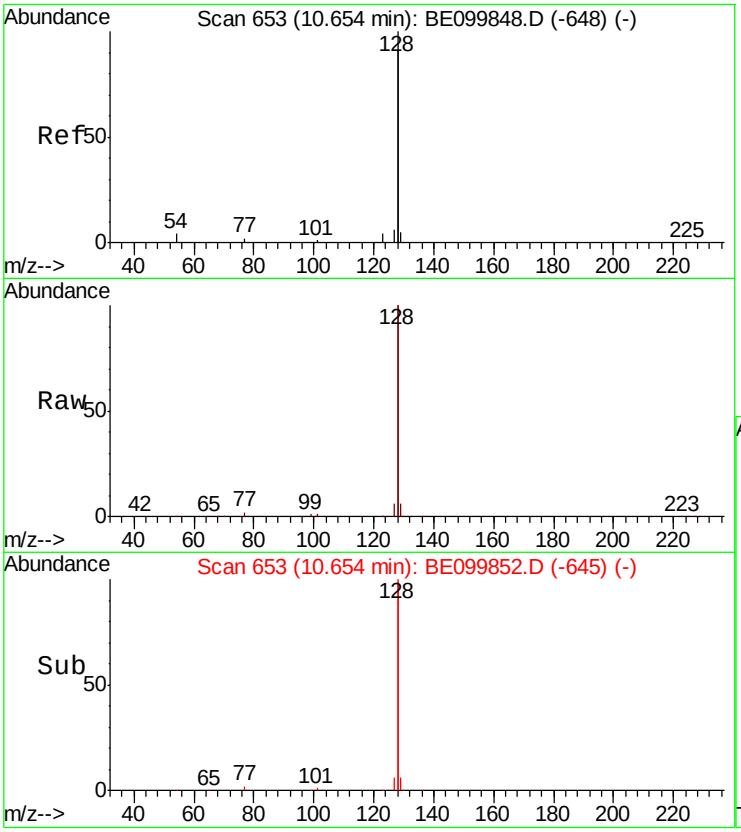


#8
Nitrobenzene-d5
Concen: 6.204 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion: 82 Resp: 11963

Ion	Ratio	Lower	Upper
82	100		
128	130.7	116.6	175.0
54	144.8	136.2	204.4



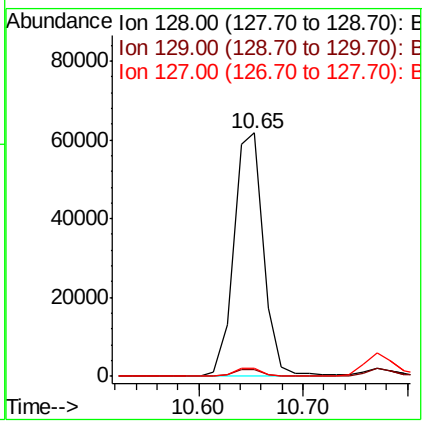


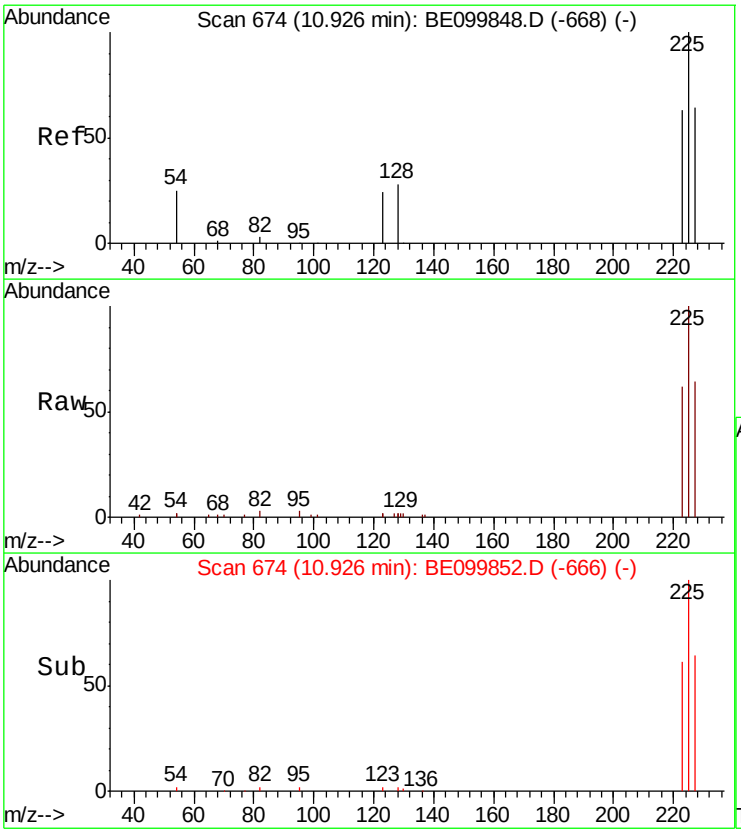
#9
Naphthalene
Concen: 5.152 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 120731

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	4.0
127	3.2	3.0	4.6

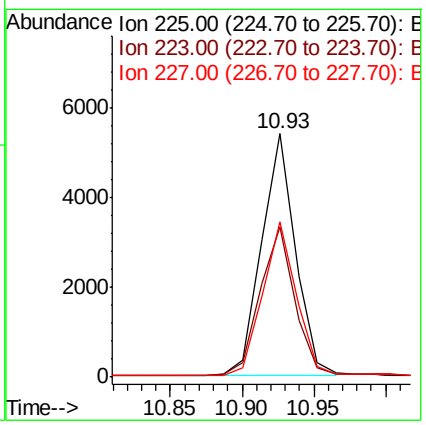


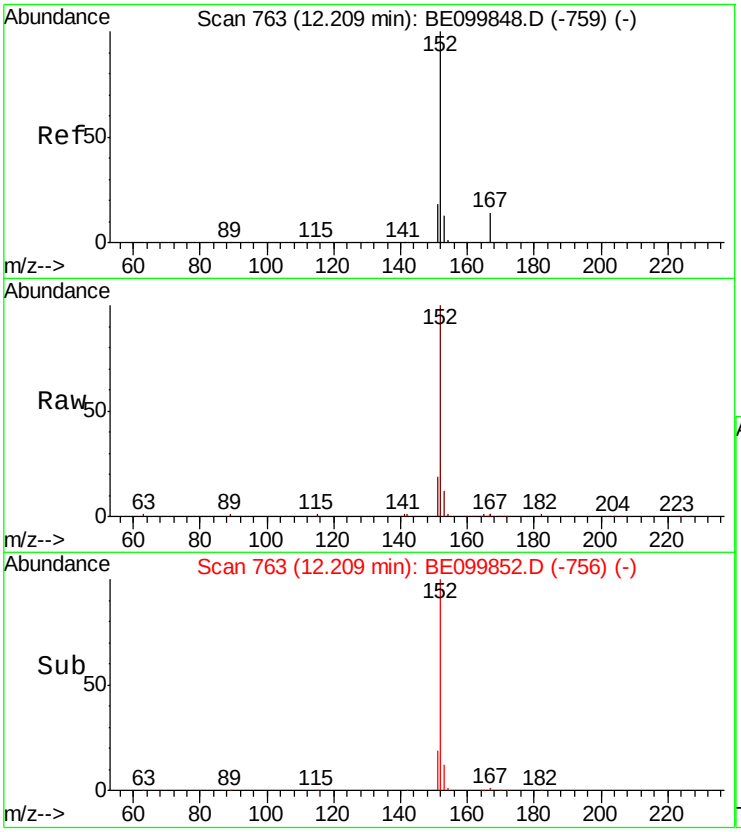


#10
Hexachlorobutadiene
Concen: 4.912 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:225 Resp: 8769

Ion	Ratio	Lower	Upper
225	100		
223	62.7	48.6	72.8
227	63.4	51.6	77.4



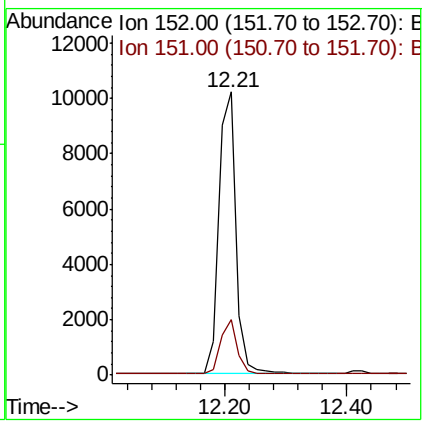


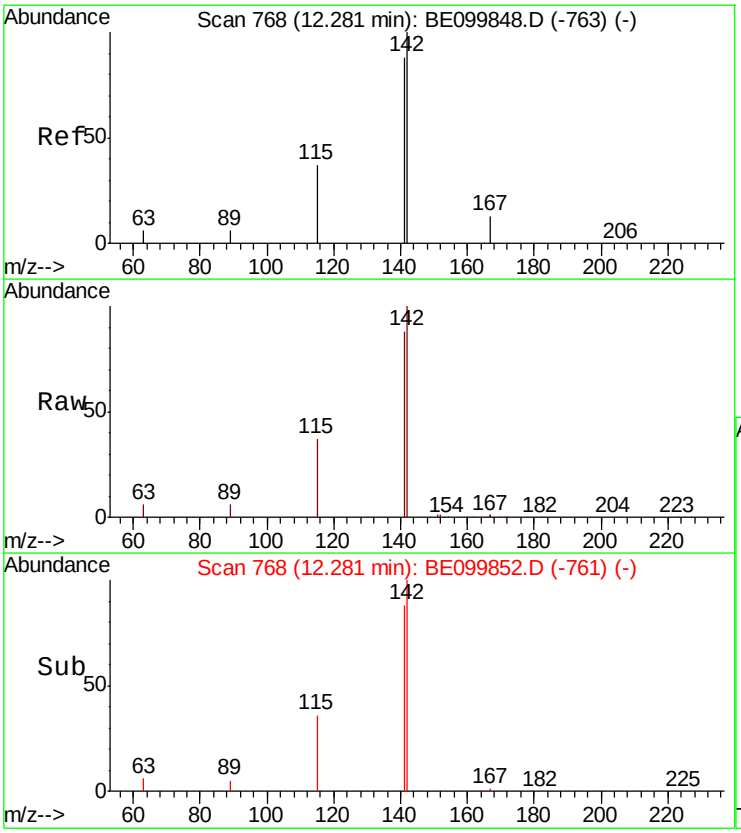
#11
2-Methylnaphthalene-d10
Concen: 5.327 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 20077

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.8	23.8

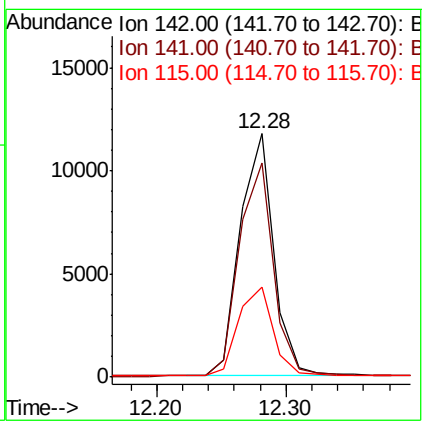


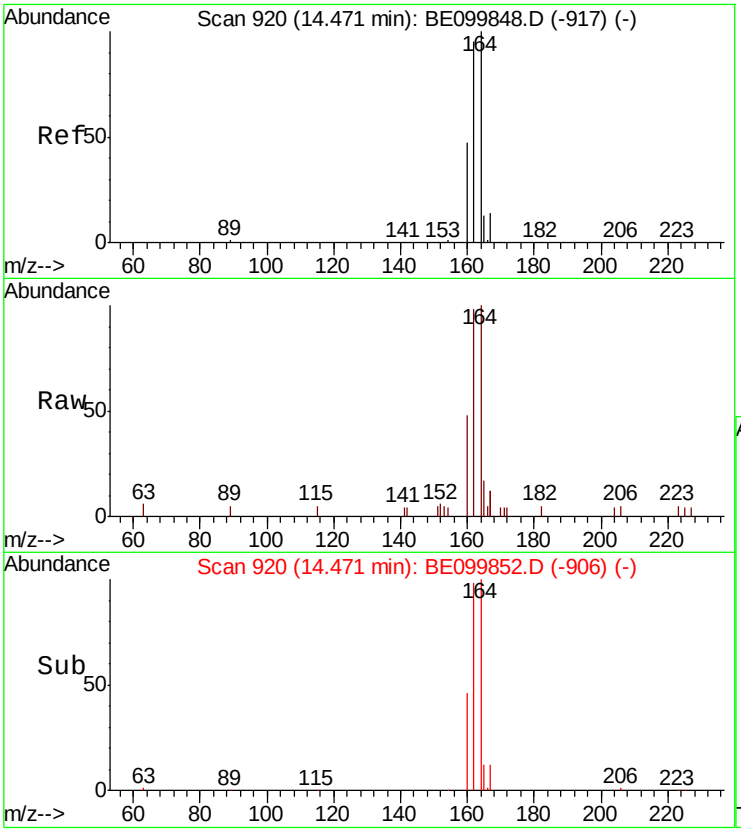


#12
2-Methylnaphthalene
Concen: 5.636 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:142 Resp: 21059

Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.3	109.9
115	36.8	33.4	50.2



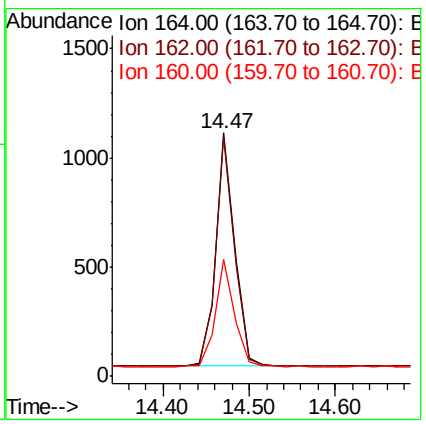


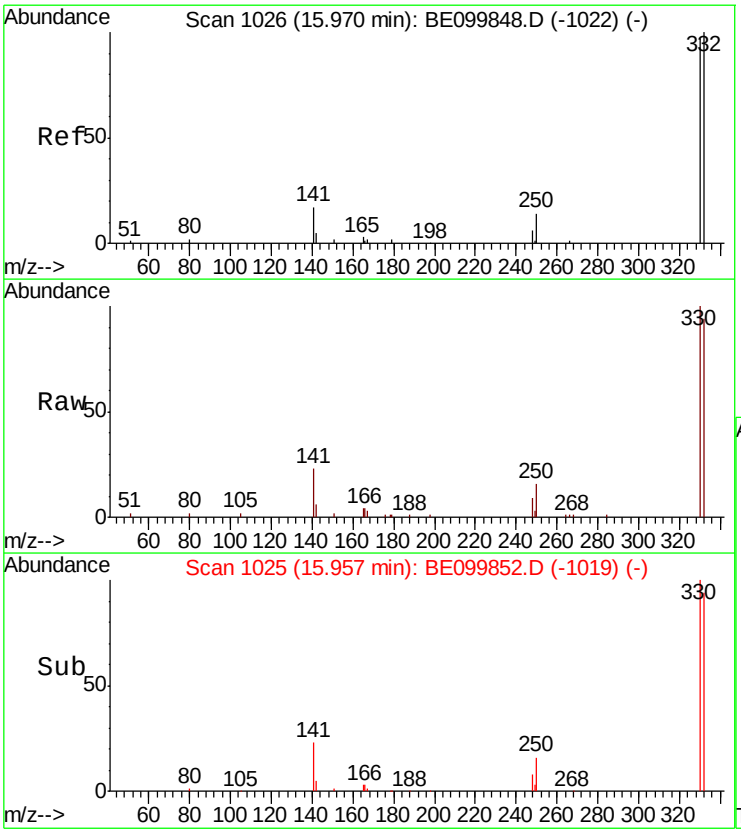
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 1627

Ion	Ratio	Lower	Upper
164	100		
162	98.4	77.2	115.8
160	48.1	39.4	59.2

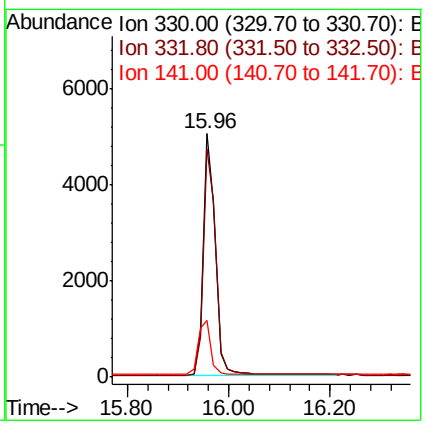


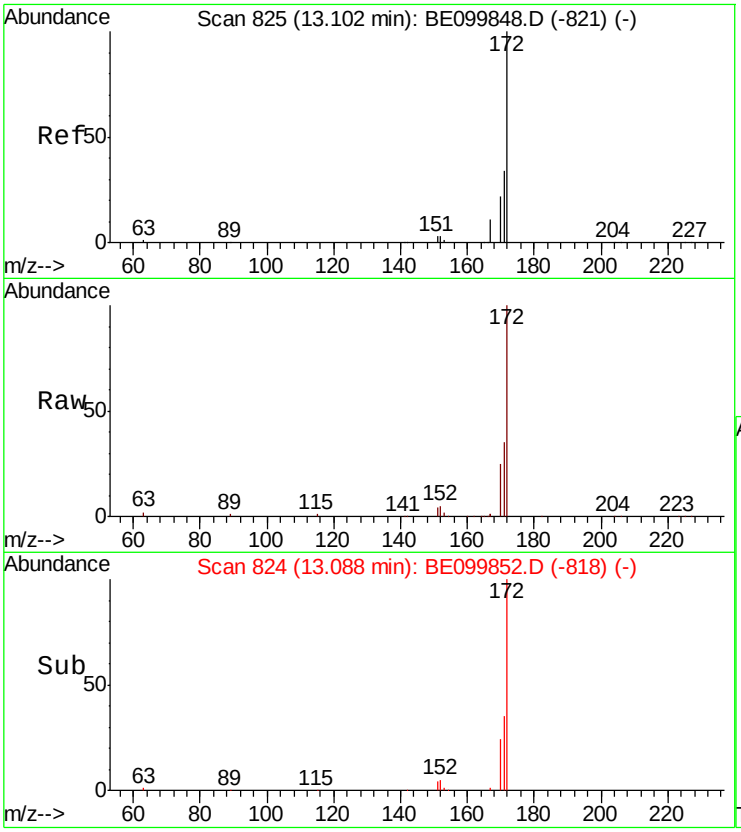


#14
2,4,6-Tribromophenol
Concen: 8.818 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:330 Resp: 8374

Ion	Ratio	Lower	Upper
330	100		
332	96.1	74.9	112.3
141	24.3	16.0	24.0#



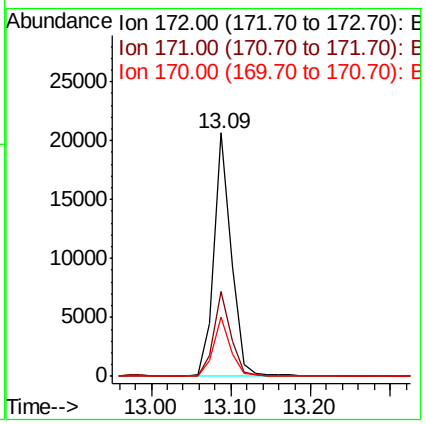


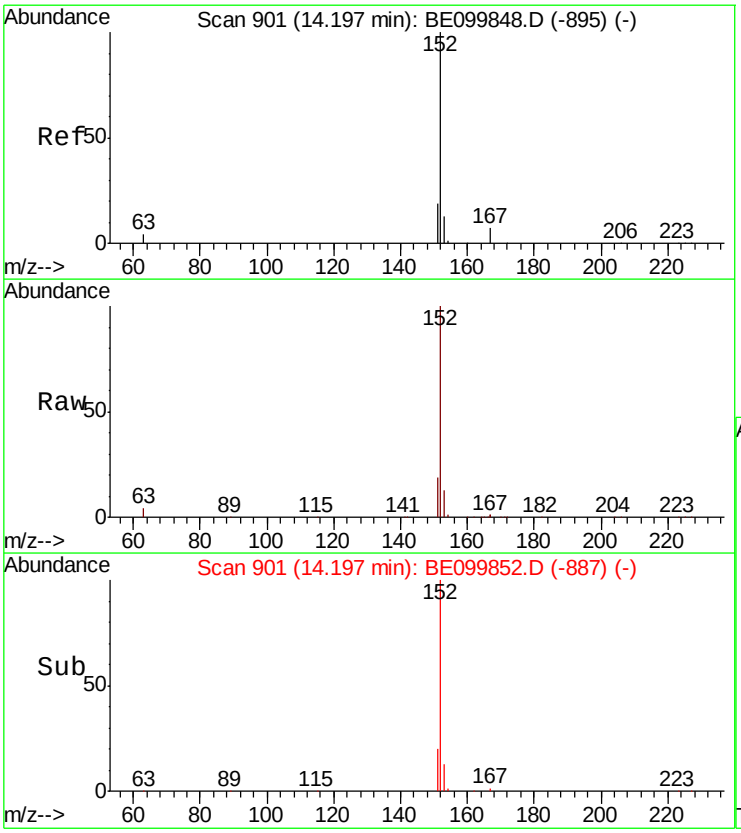
#15
2-Fluorobiphenyl
Concen: 5.138 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 31081

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.2	45.4
170	24.5	20.1	30.1

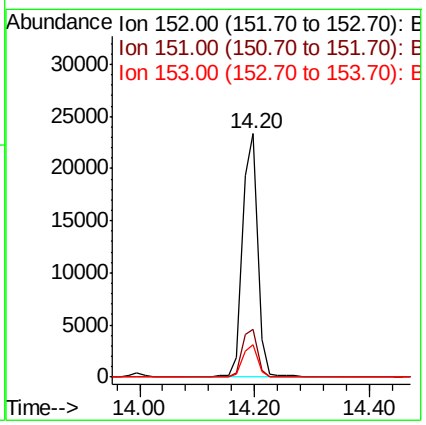


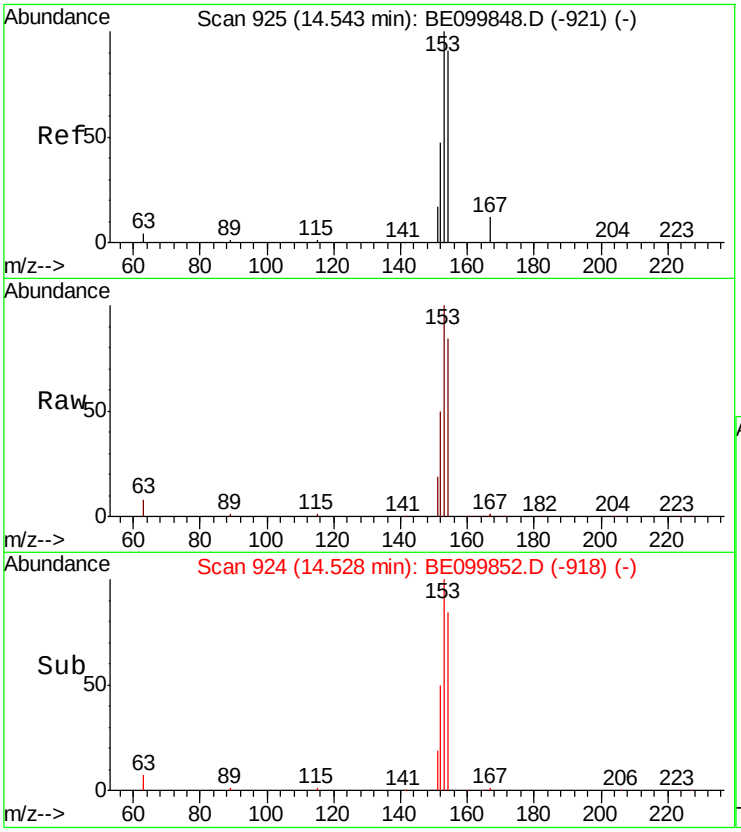


#16
Acenaphthylene
Concen: 5.361 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:152 Resp: 42086

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	12.9	10.8	16.2



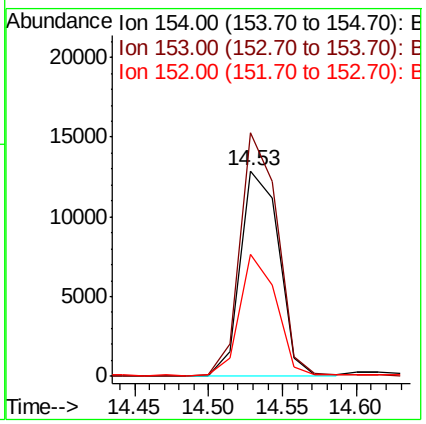


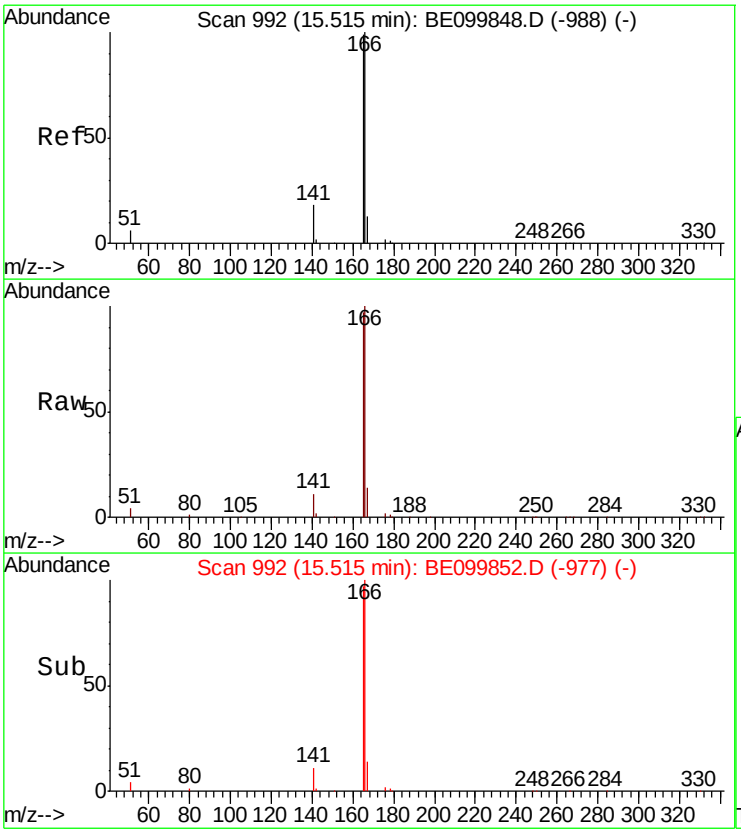
#17
Acenaphthene
Concen: 5.376 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 23099

Ion	Ratio	Lower	Upper
154	100		
153	114.8	93.8	140.6
152	55.9	48.3	72.5

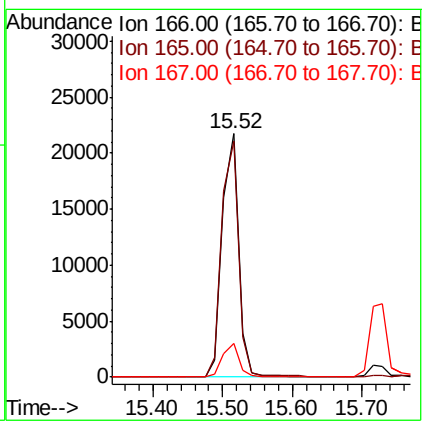


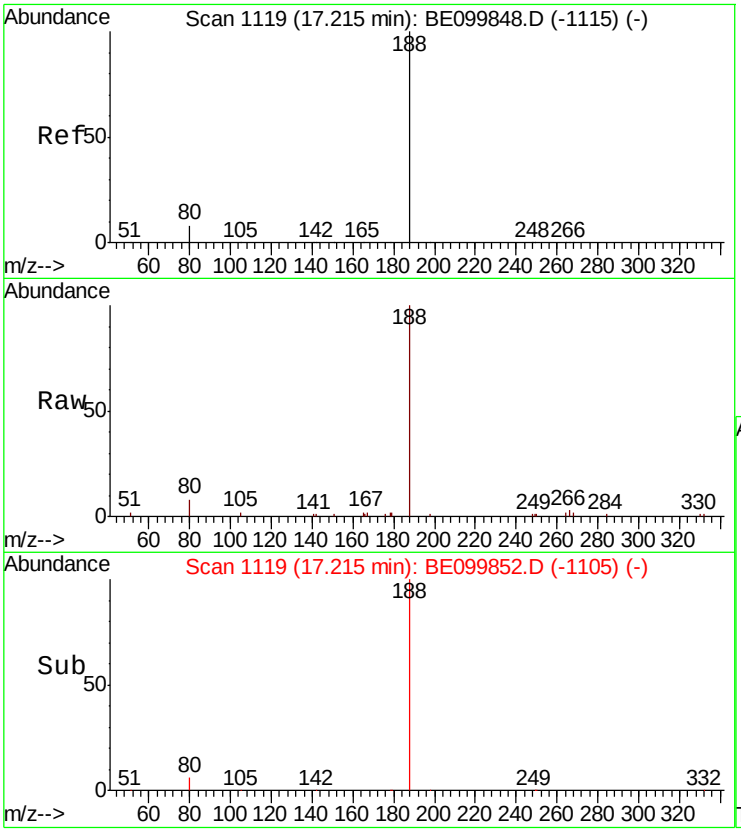


#18
Fluorene
Concen: 5.551 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:166 Resp: 35130

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.4	120.6
167	13.4	10.7	16.1



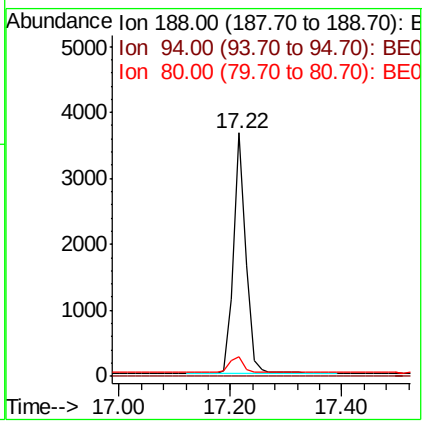


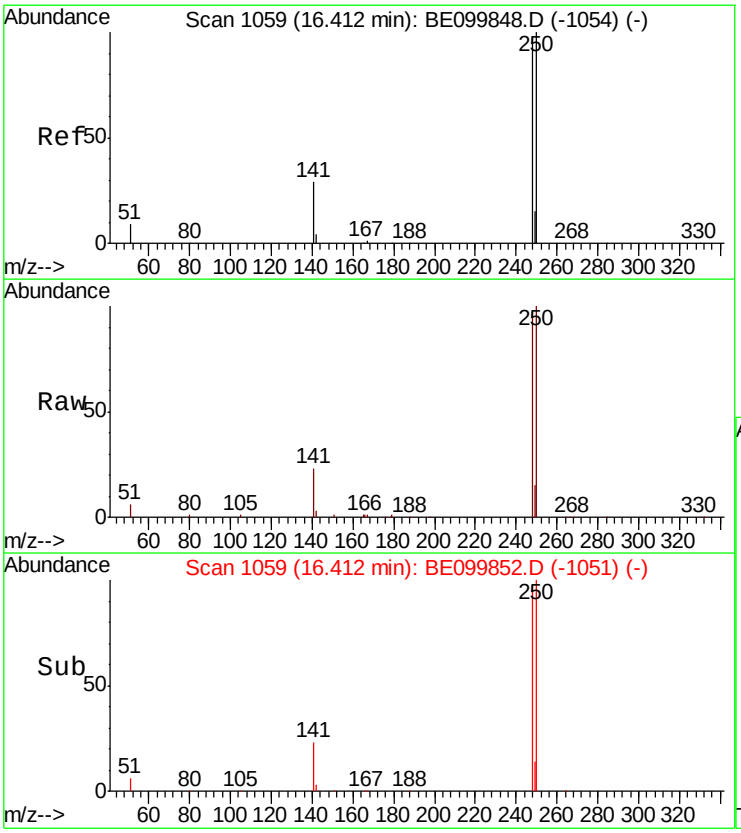
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 5457

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	5.2	7.8#

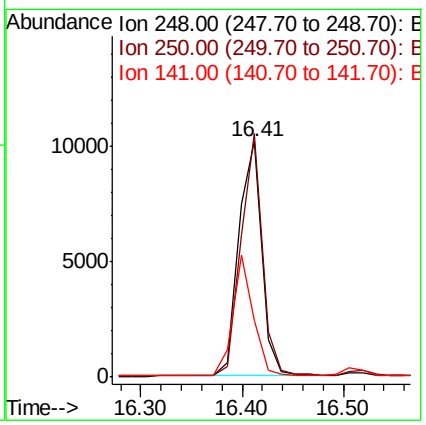


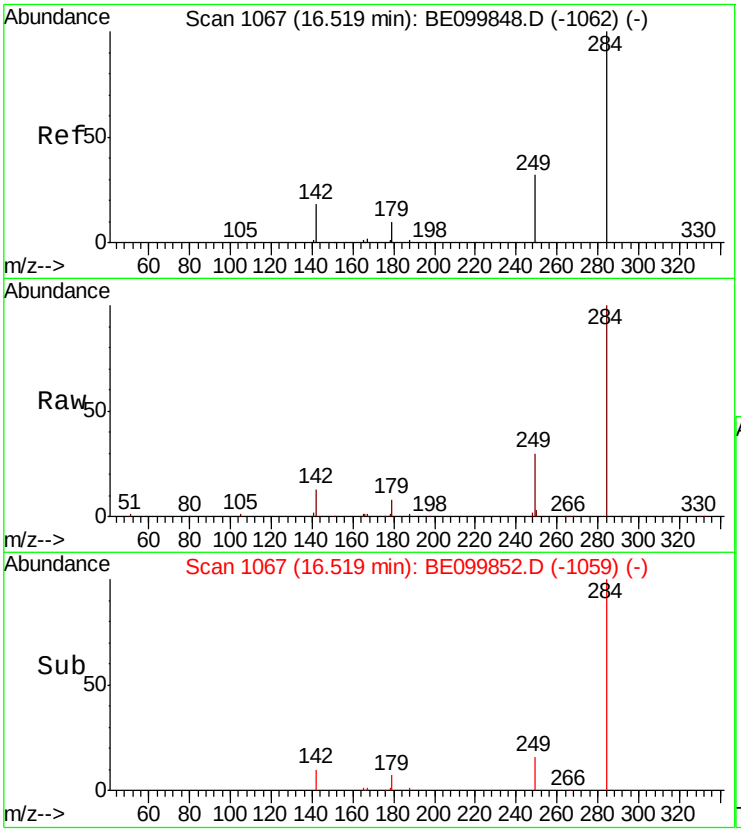


#20
4-Bromophenyl-phenylether
Concen: 5.312 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:248 Resp: 16174

Ion	Ratio	Lower	Upper
248	100		
250	103.5	73.7	110.5
141	24.0	40.9	61.3#



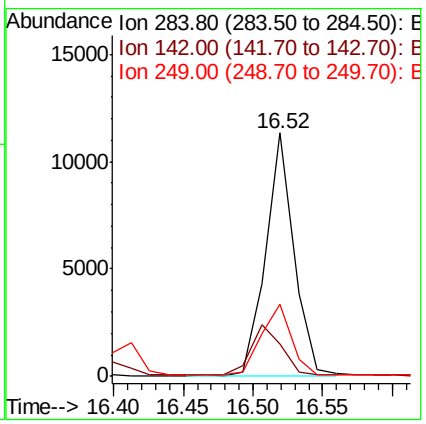


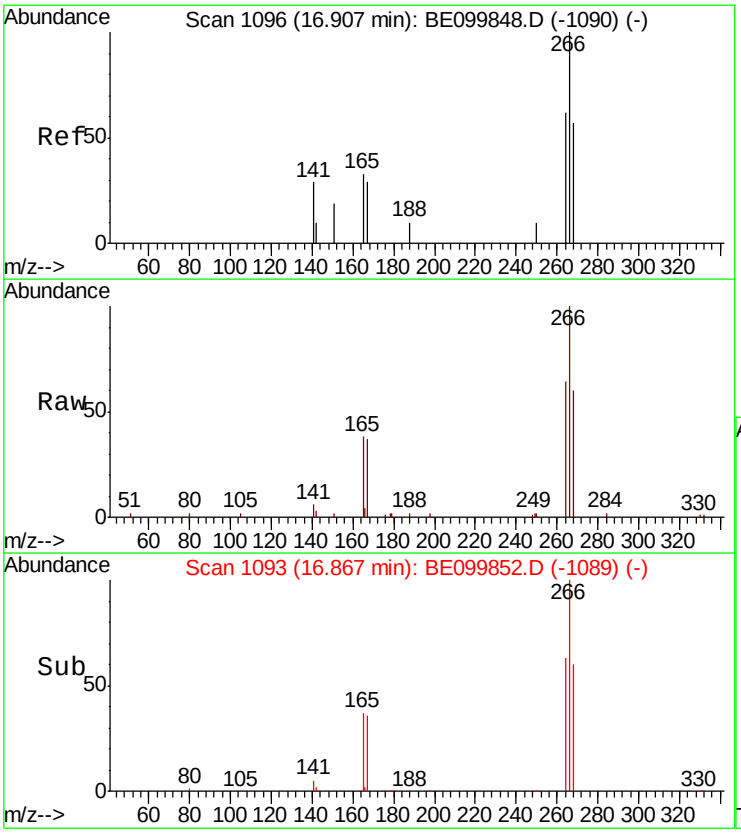
#21
Hexachlorobenzene
Concen: 4.779 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 15950

Ion	Ratio	Lower	Upper
284	100		
142	22.5	16.2	24.4
249	30.9	23.1	34.7

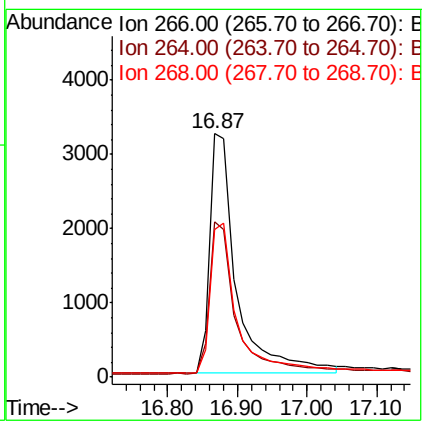


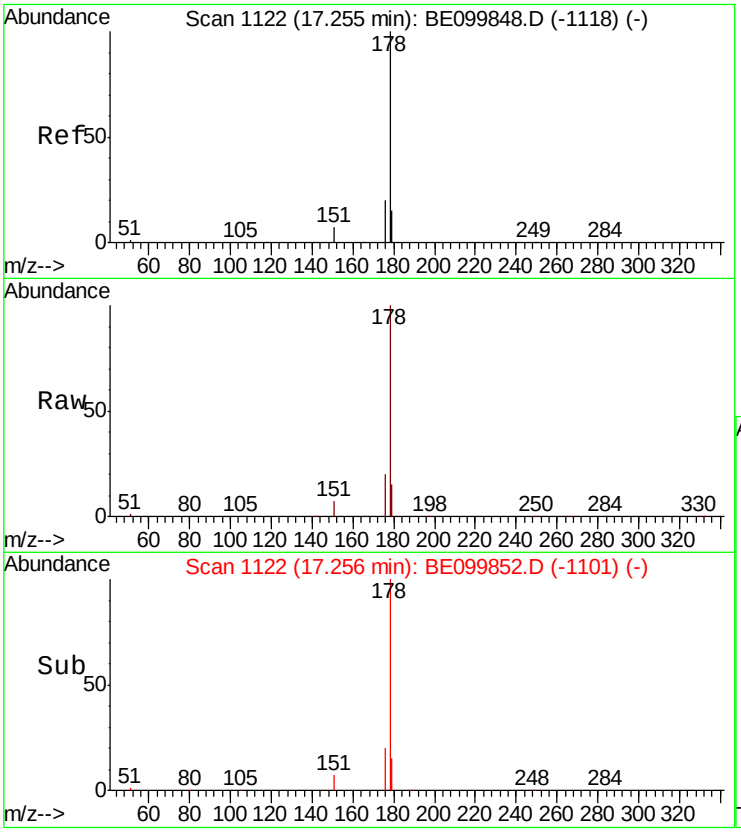


#22
Pentachlorophenol
Concen: 14.273 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.05 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:266 Resp: 8773

Ion	Ratio	Lower	Upper
266	100		
264	63.8	64.9	97.3#
268	60.5	64.0	96.0#



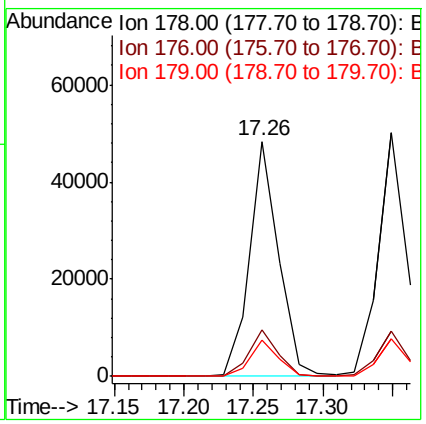


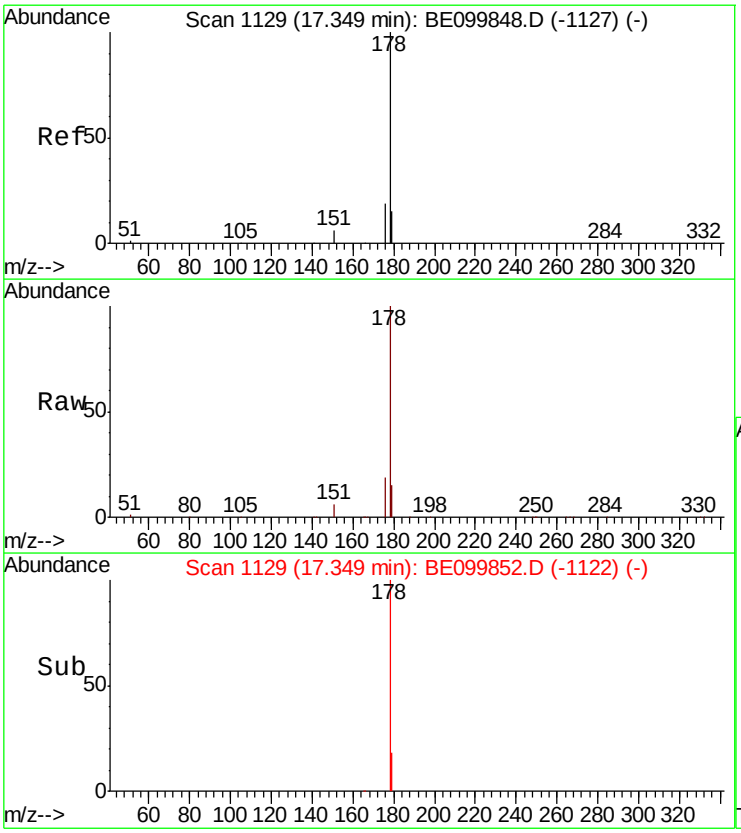
#23
Phenanthrene
Concen: 5.372 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 69958

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.1	12.5	18.7

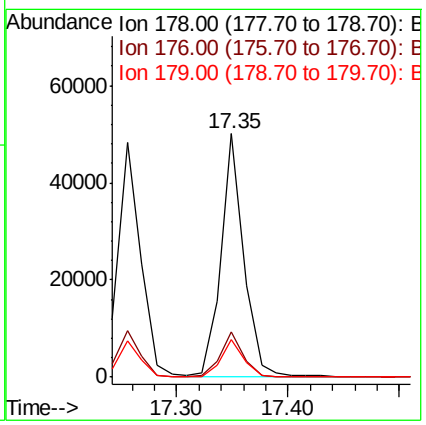


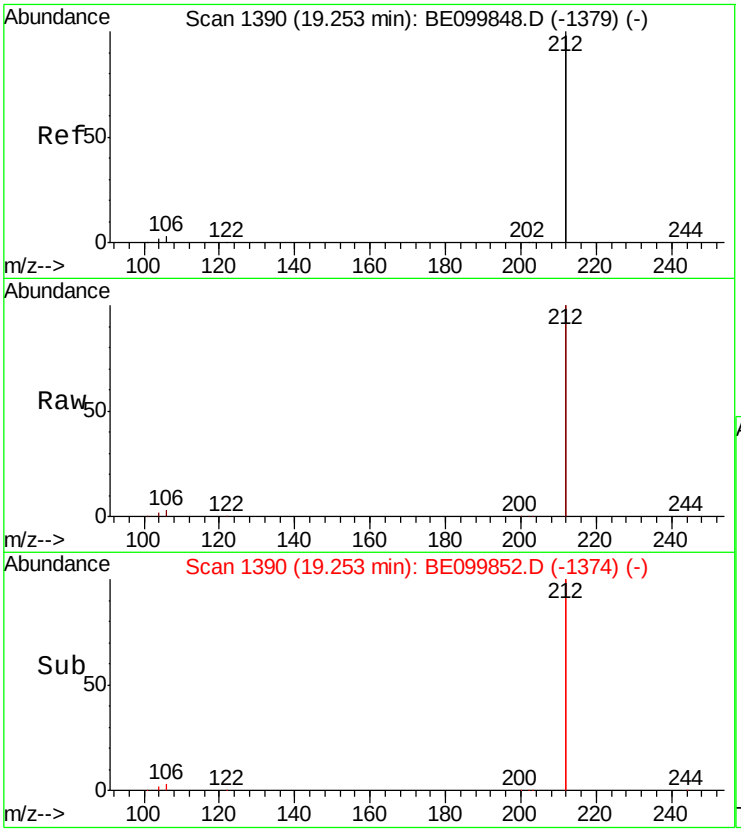


#24
Anthracene
Concen: 5.984 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:178 Resp: 70431

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.3	12.1	18.1



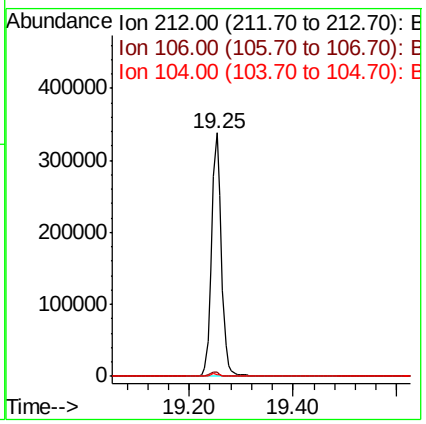


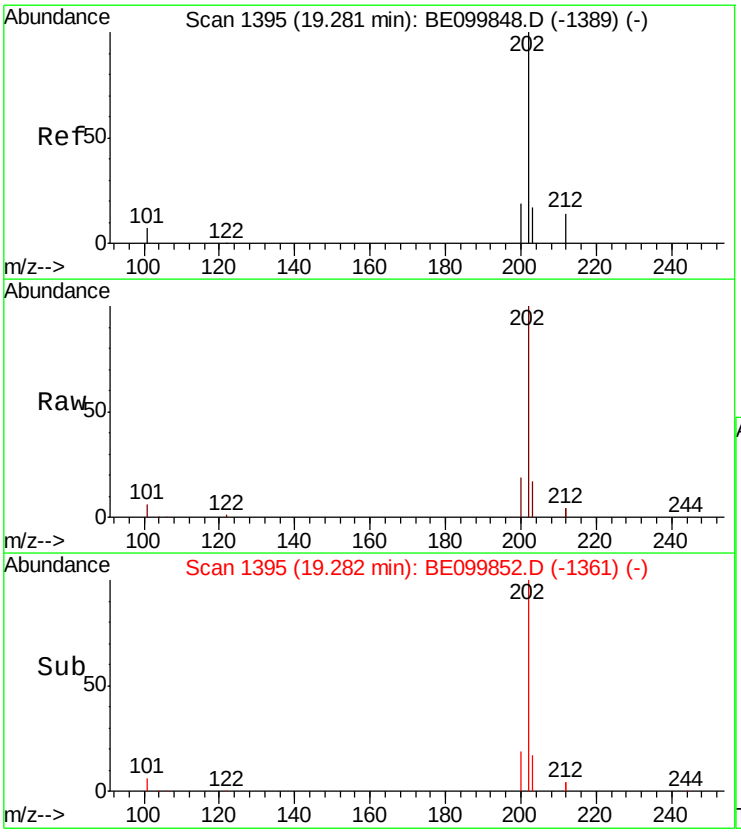
#25
Fluoranthene-d10
Concen: 5.457 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 442588

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

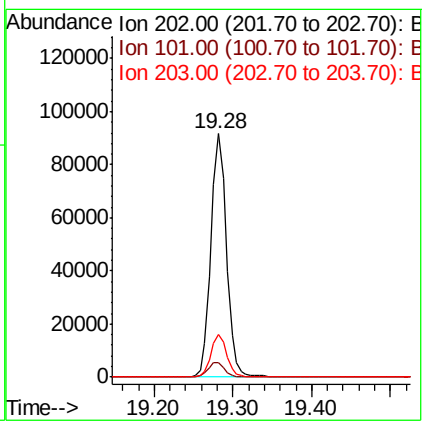


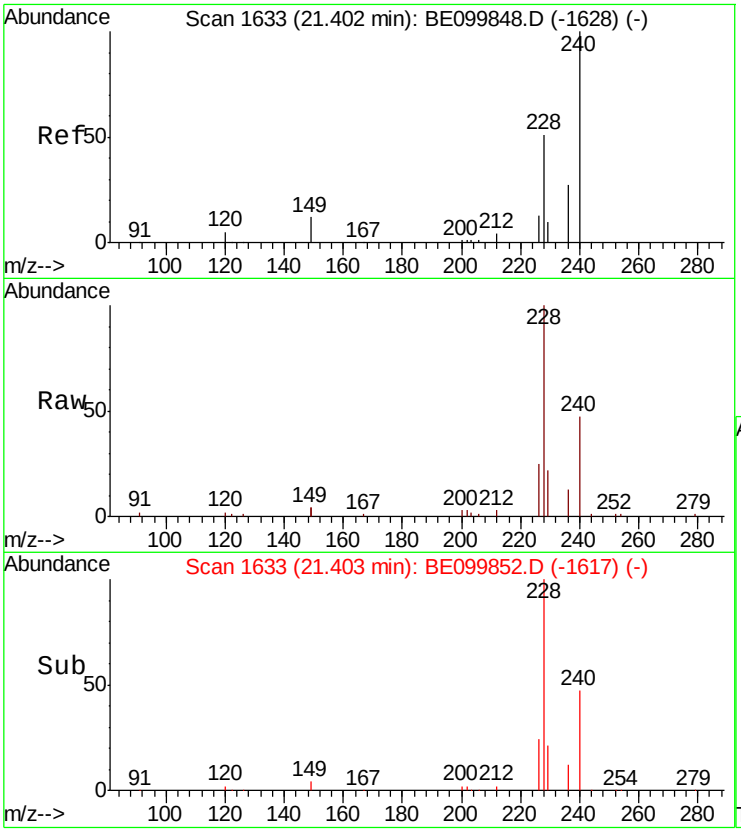


#26
Fluoranthene
Concen: 5.413 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:202 Resp: 123524

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.2	7.8
203	17.4	13.6	20.4



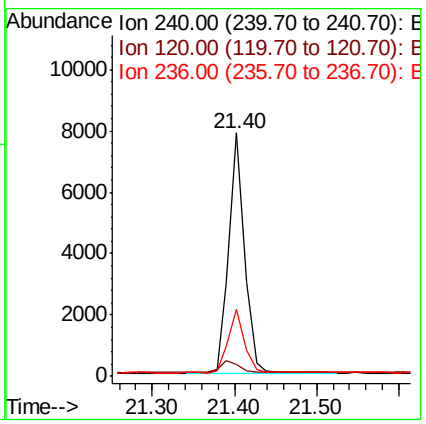


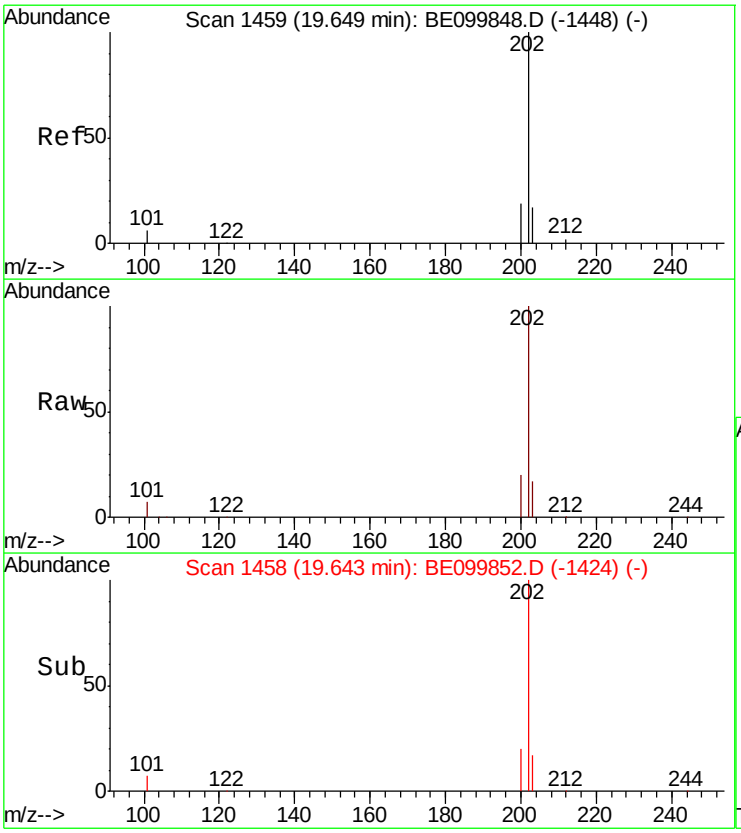
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 10511

Ion	Ratio	Lower	Upper
240	100		
120	4.8	2.8	4.2#
236	27.7	20.9	31.3

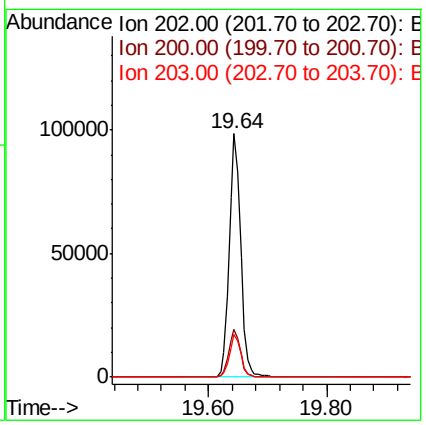


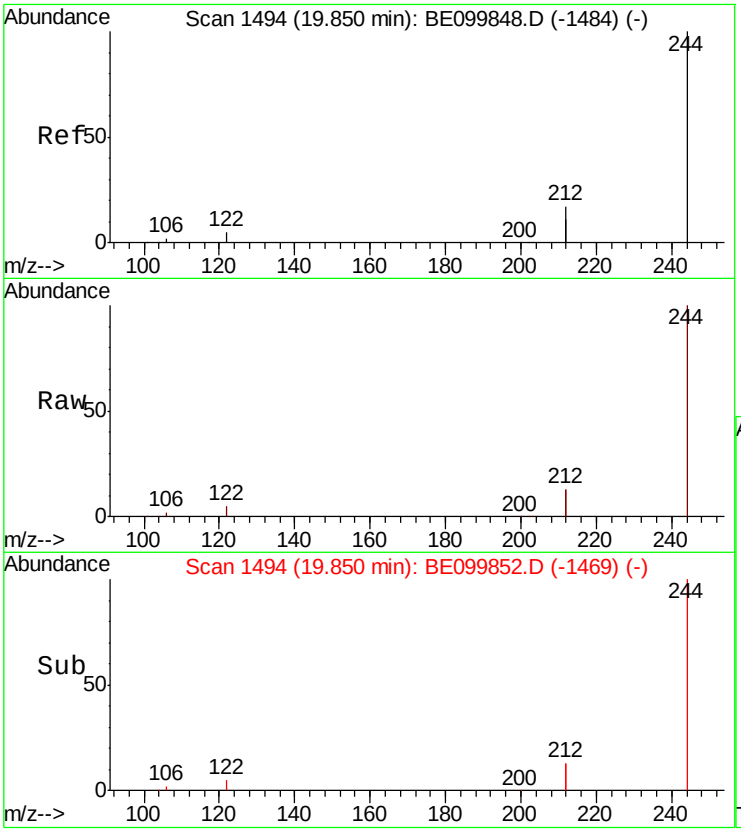


#28
Pyrene
Concen: 5.186 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:202 Resp: 131671

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	17.6	14.1	21.1



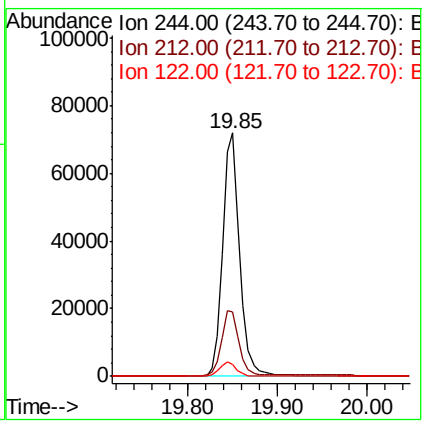


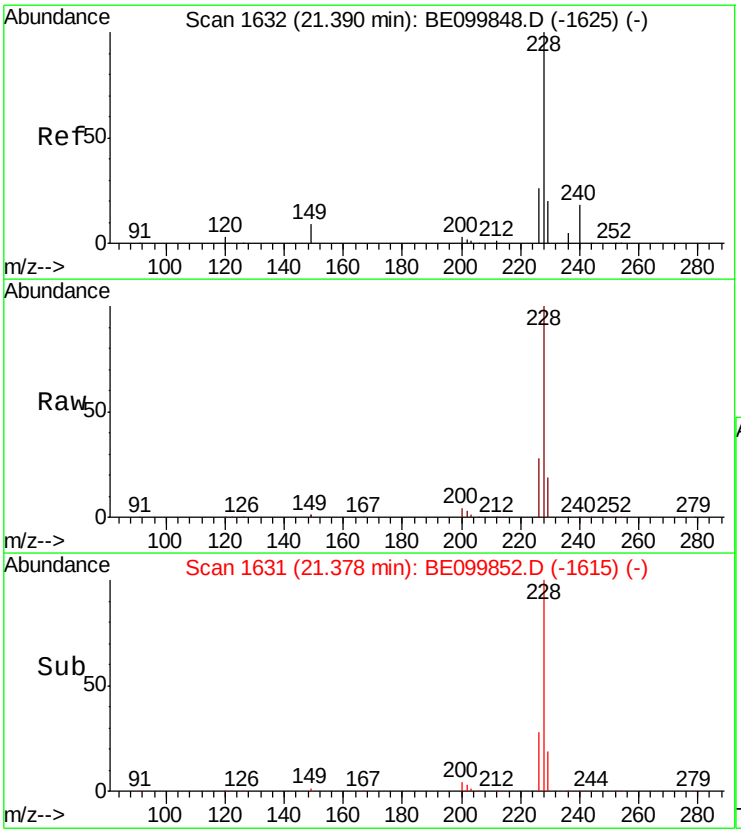
#29
Terphenyl-d14
Concen: 5.445 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 93836

Ion	Ratio	Lower	Upper
244	100		
212	26.4	23.7	35.5
122	4.7	4.8	7.2#

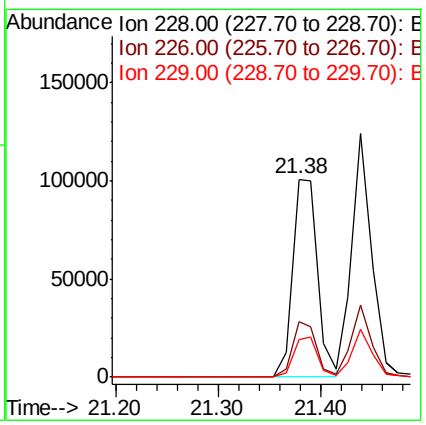


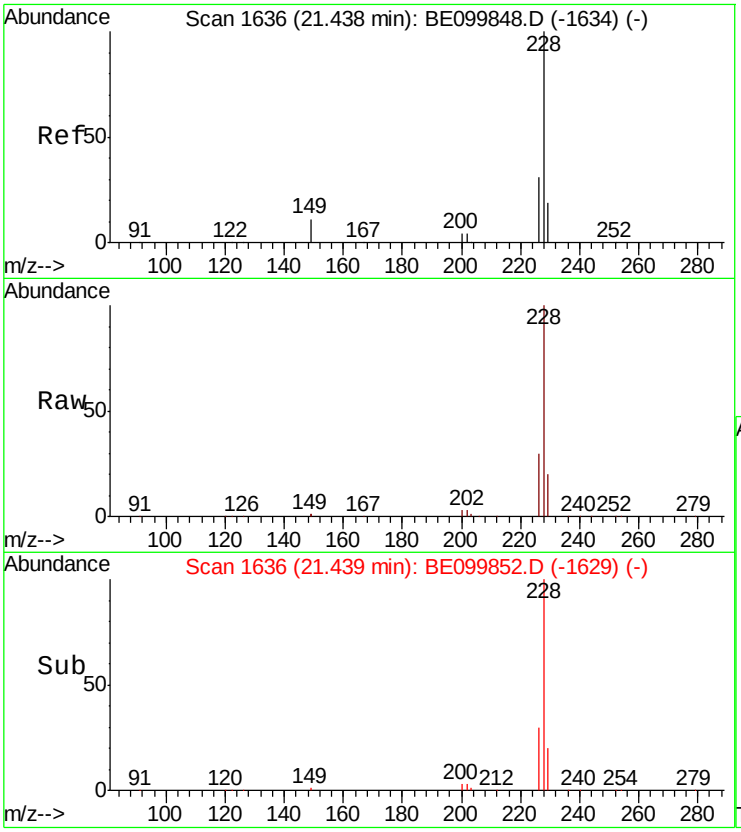


#30
Benzo(a)anthracene
Concen: 5.845 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:228 Resp: 169735

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.6	32.4
229	19.2	15.8	23.6



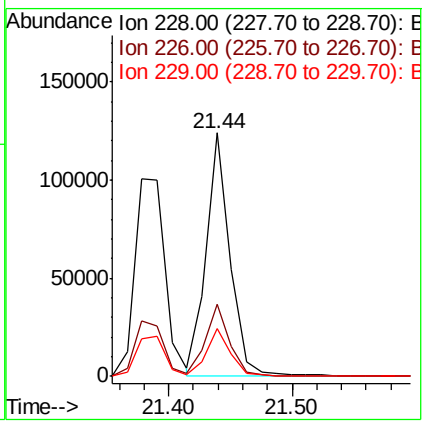


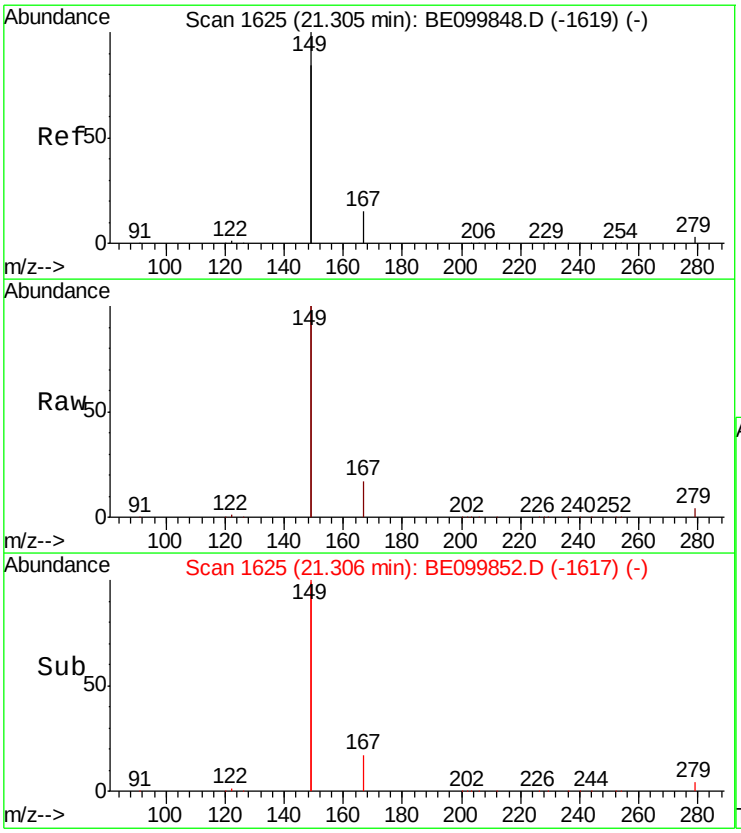
#31
Chrysene
Concen: 5.146 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 165141

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.9	34.3
229	19.7	16.4	24.6

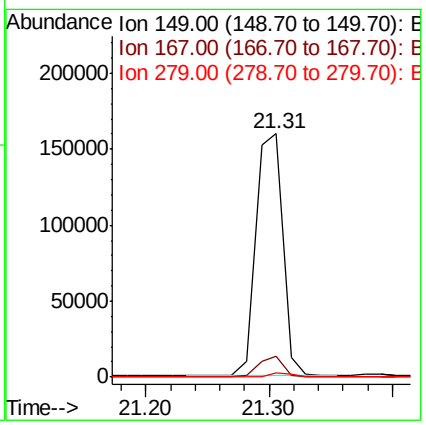


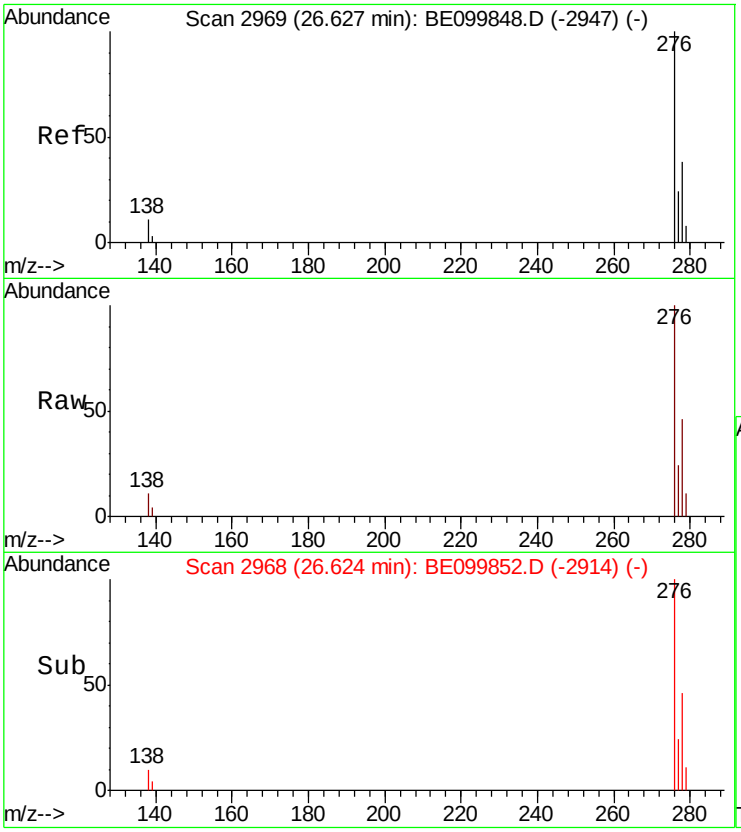


#32
Bis(2-ethylhexyl)phthalate
Concen: 7.275 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:149 Resp: 242530

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.0	9.0
279	1.5	1.2	1.8



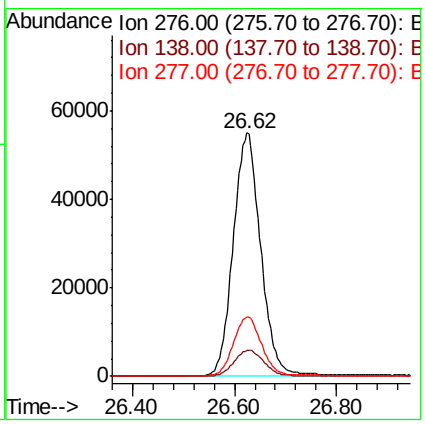


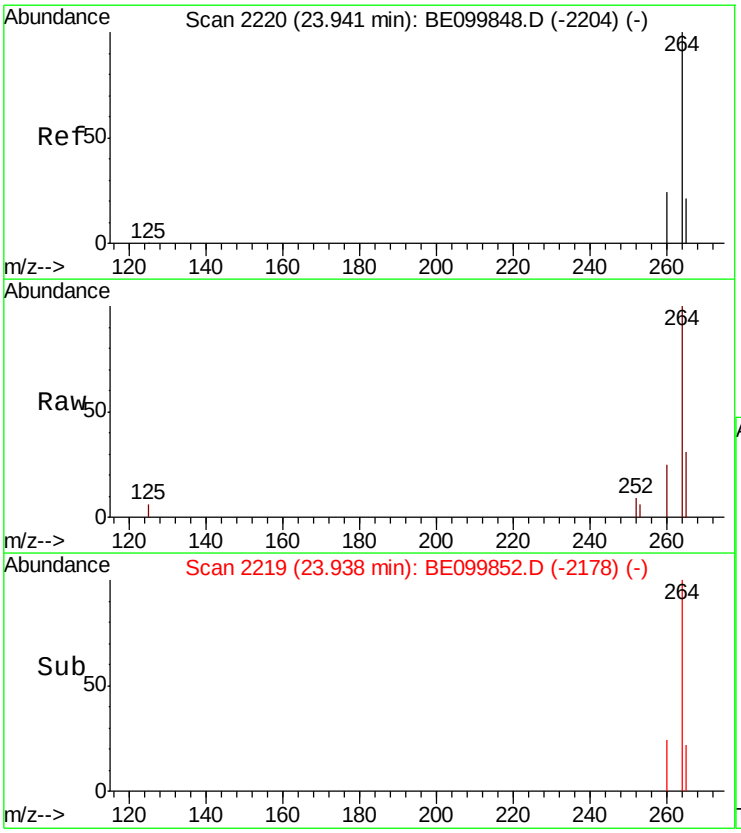
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.316 ng
RT: 26.62 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 204375

Ion	Ratio	Lower	Upper
276	100		
138	11.4	10.3	15.5
277	24.8	19.4	29.2

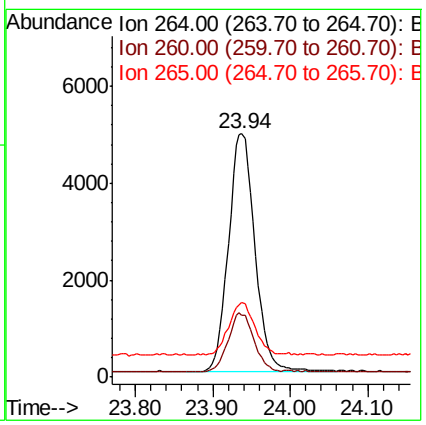


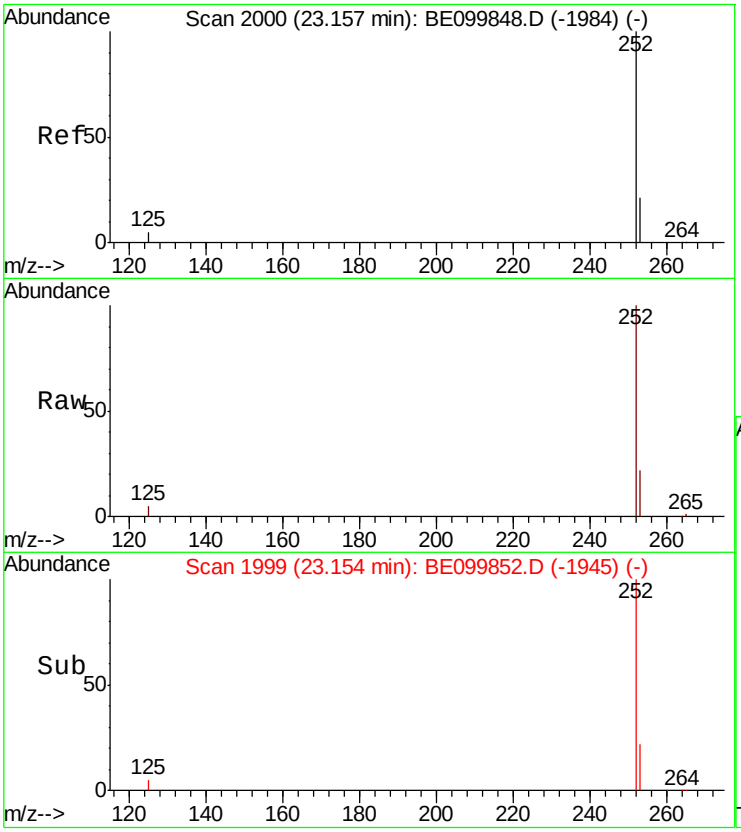


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:264 Resp: 11689

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	30.6	20.7	31.1



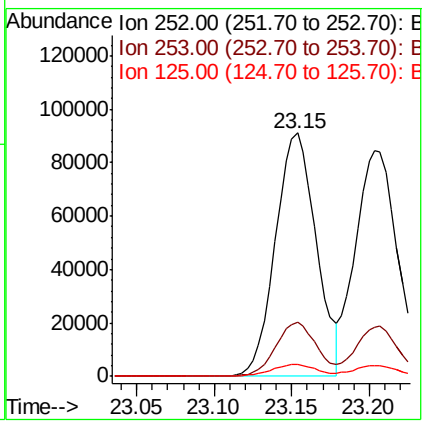


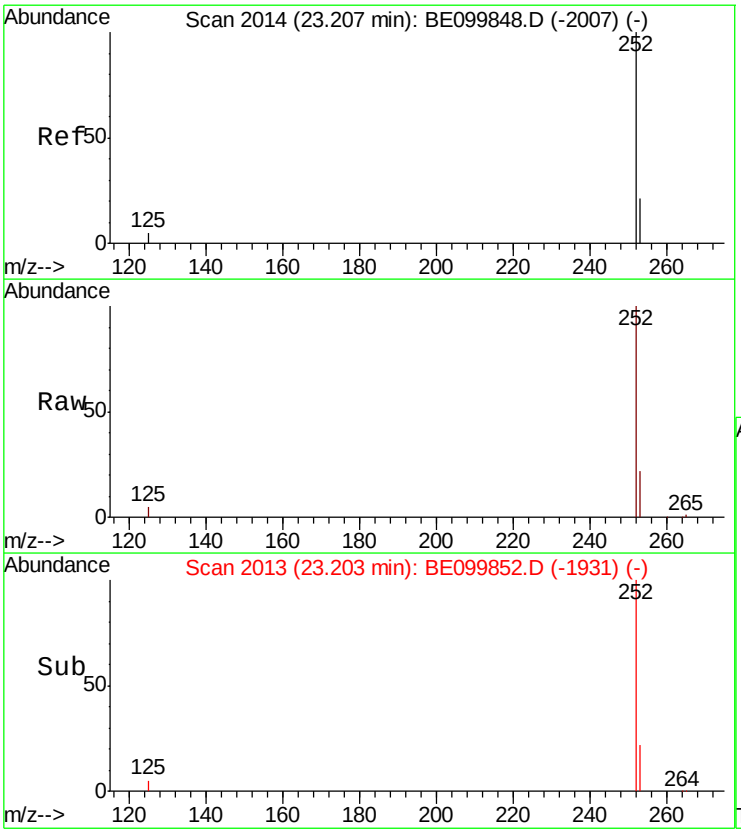
#35
Benzo(b)fluoranthene
Concen: 5.137 ng
RT: 23.15 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 166230

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.9	28.3
125	5.0	7.6	11.4#

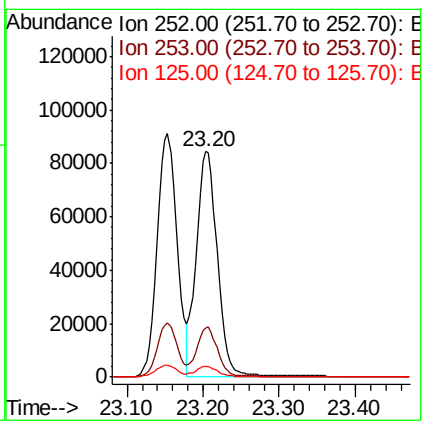


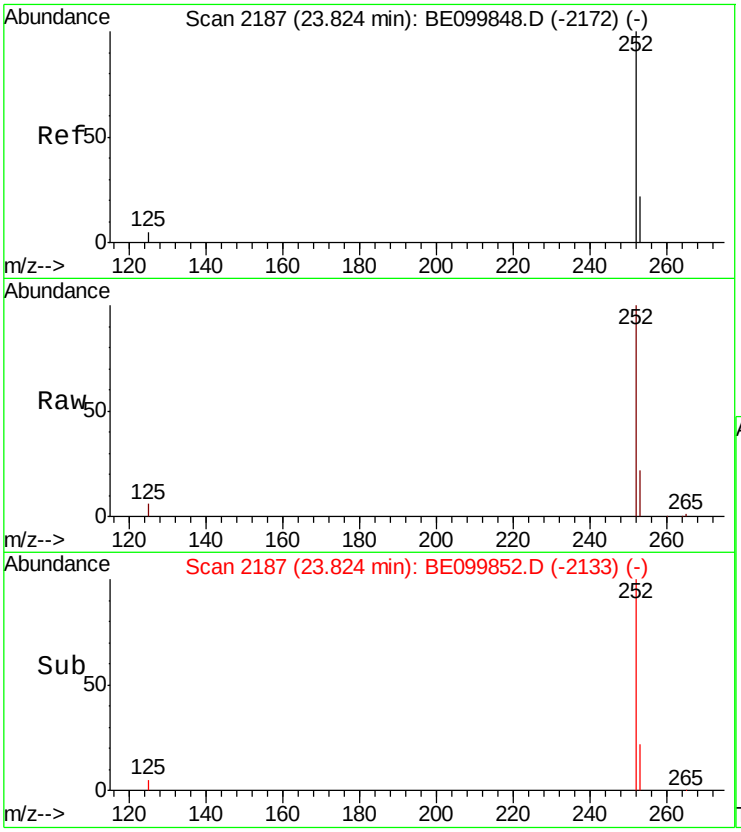


#36
Benzo(k)fluoranthene
Concen: 4.726 ng
RT: 23.20 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:252 Resp: 162358

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	5.0	4.6	7.0



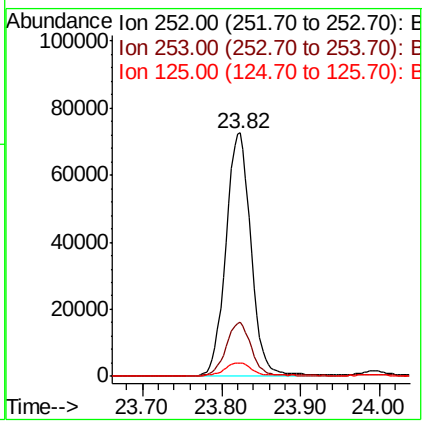


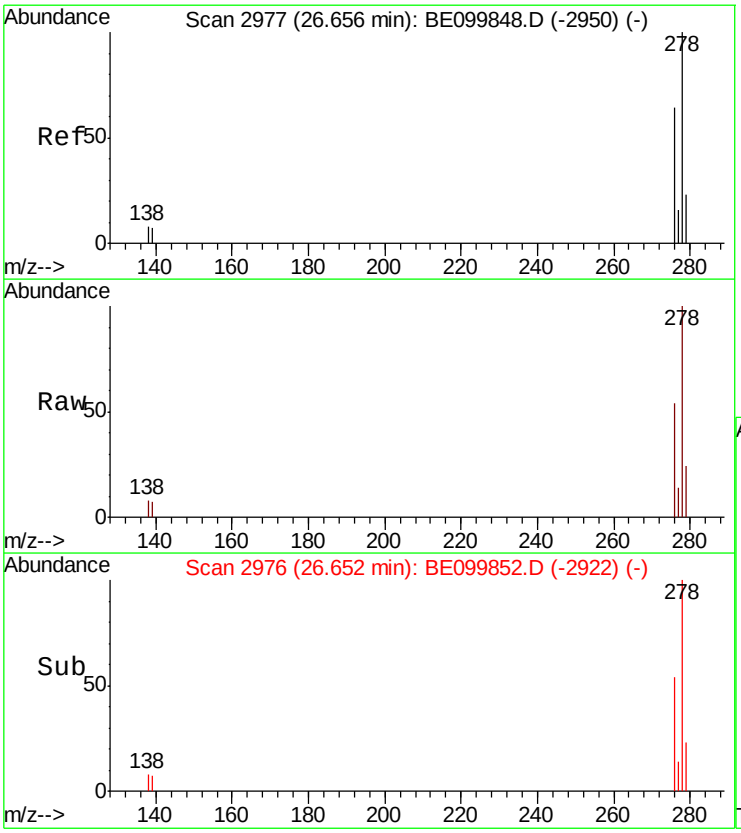
#37
Benzo(a)pyrene
Concen: 5.074 ng
RT: 23.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 159170

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.3	28.9
125	5.6	10.2	15.4#

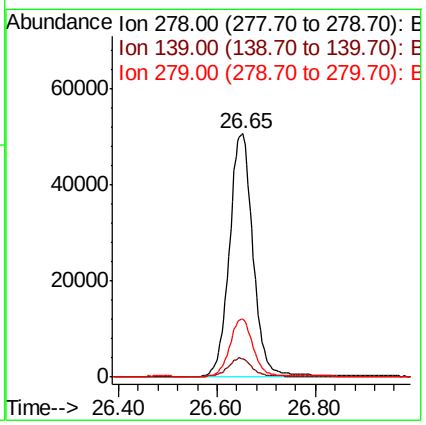


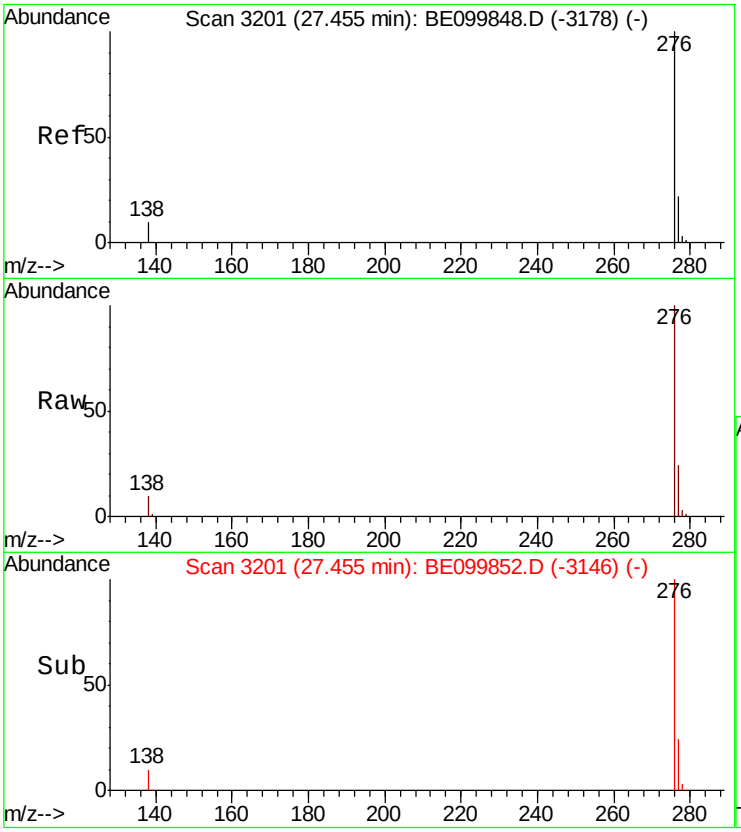


#38
Dibenzo(a,h)anthracene
Concen: 5.285 ng
RT: 26.65 min Scan# 2976
Delta R.T. -0.01 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:278 Resp: 168659

Ion	Ratio	Lower	Upper
278	100		
139	7.4	7.9	11.9#
279	23.8	18.5	27.7





#39
Benzo(g,h,i)perylene
Concen: 4.982 ng
RT: 27.45 min Scan# 3201
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 167029

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	10.0	9.0	13.4