Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100437.D
Acq On : 16 Jul 2019 9:08
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Jul 16 12:58:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 12:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	4364	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	17657	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	8981	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	23668	0.40	ng	0.00
27) Chrysene-d12	21.39	240	25592	0.40	ng	0.00
34) Perylene-d12	23.89	264	24203	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1650	0.19	ng	0.00
5) Phenol-d6	7.04	99	2490	0.19	ng	0.00
8) Nitrobenzene-d5	9.03	82	1776	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	5127	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	328	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8442	0.21	ng	0.00
25) Fluoranthene-d10	19.25	212	54166	0.13	ng	0.00
29) Terphenyl-d14	19.85	244	12676	0.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	1115	0.177	ng	# 80
3) n-Nitrosodimethylamine	3.73	42	596	0.155	ng	# 85
6) bis(2-Chloroethyl)ether	7.31	93	2521	0.203	ng	99
9) Naphthalene	10.72	128	33940	0.197	ng	100
10) Hexachlorobutadiene	11.03	225	1667	0.203	ng	99
12) 2-Methylnaphthalene	12.34	142	5620	0.194	ng	98
16) Acenaphthylene	14.23	152	6691	0.180	ng	99
17) Acenaphthene	14.57	154	4817	0.190	ng	99
18) Fluorene	15.54	166	5999	0.184	ng	97
20) 4-Bromophenyl-phenylether	16.43	248	2210	0.183	ng	97
21) Hexachlorobenzene	16.55	284	2686	0.194	ng	96
22) Pentachlorophenol	16.88	266	422	0.155	ng	97
23) Phenanthrene	17.27	178	12087	0.197	ng	100
24) Anthracene	17.36	178	9263	0.178	ng	99
26) Fluoranthene	19.28	202	14832	0.186	ng	99
28) Pyrene	19.64	202	14687	0.196	ng	100
30) Benzo(a)anthracene	21.38	228	12484	0.178	ng	99
31) Chrysene	21.43	228	16736	0.203	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	8624	0.161	ng	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	13198	0.177	ng	100
35) Benzo(b)fluoranthene	23.13	252	13304	0.175	ng	98
36) Benzo(k)fluoranthene	23.17	252	14166	0.178	ng	97
37) Benzo(a)pyrene	23.77	252	10299	0.162	ng	96
38) Dibenzo(a,h)anthracene	26.55	278	10835	0.163	ng	98
39) Benzo(g,h,i)perylene	27.33	276	12237	0.177	ng	97

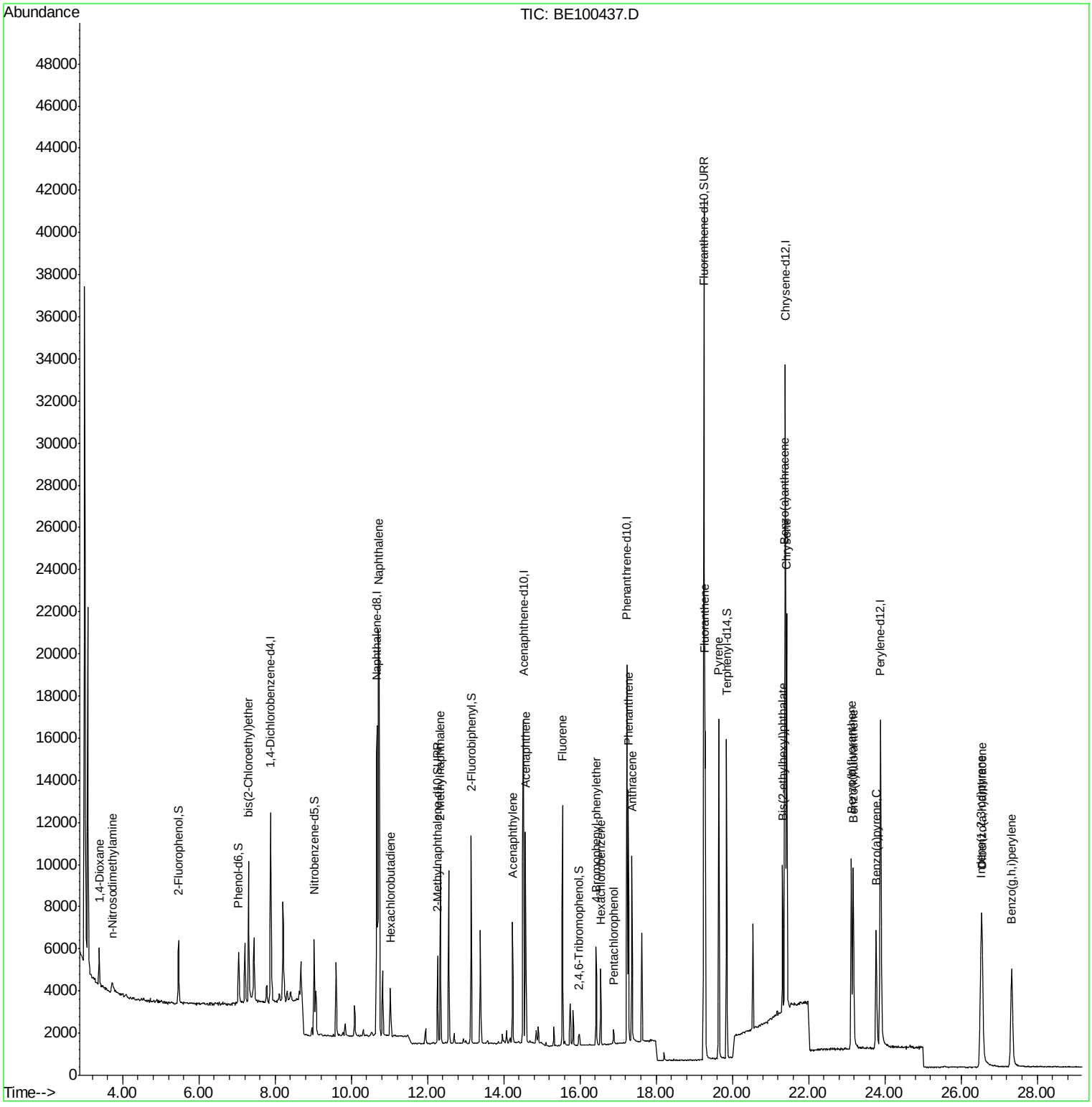
(#) = qualifier out of range (m) = manual integration (+) = signals summed

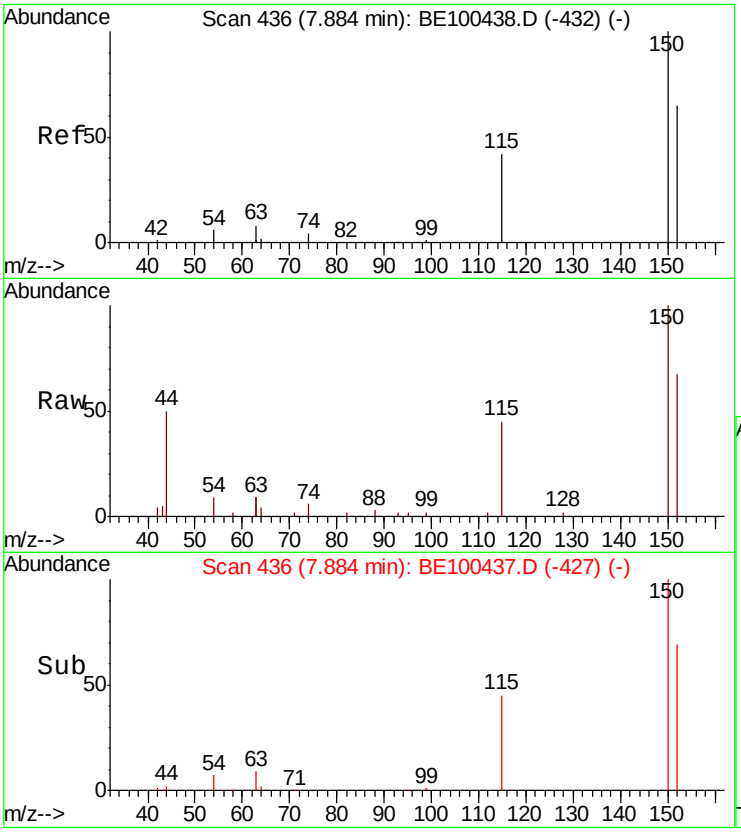
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100437.D
Acq On : 16 Jul 2019 9:08
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 16 12:58:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 12:52:21 2019
Response via : Initial Calibration



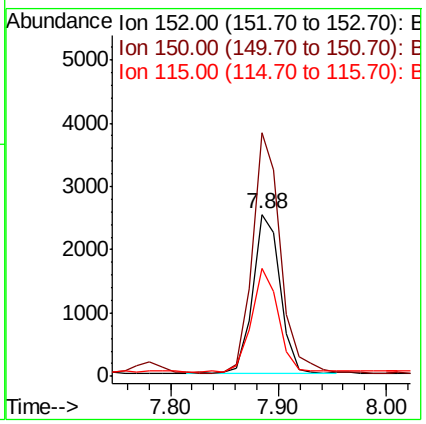


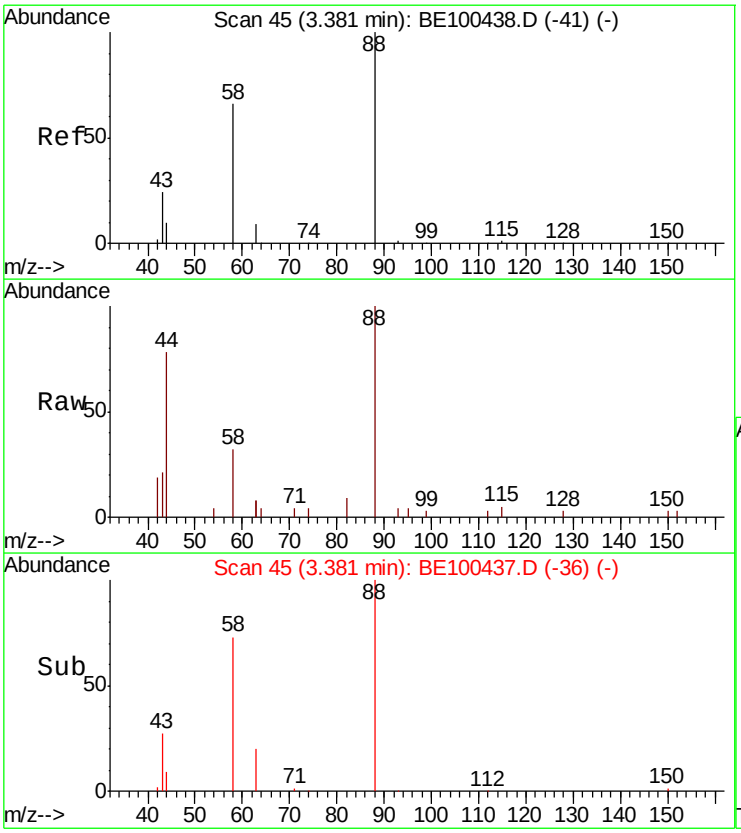
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4364

Ion	Ratio	Lower	Upper
152	100		
150	150.3	121.7	182.5
115	67.0	52.4	78.6

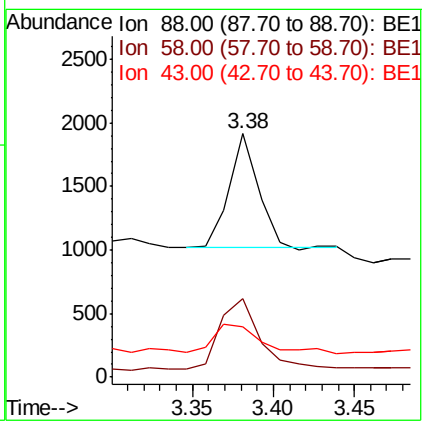


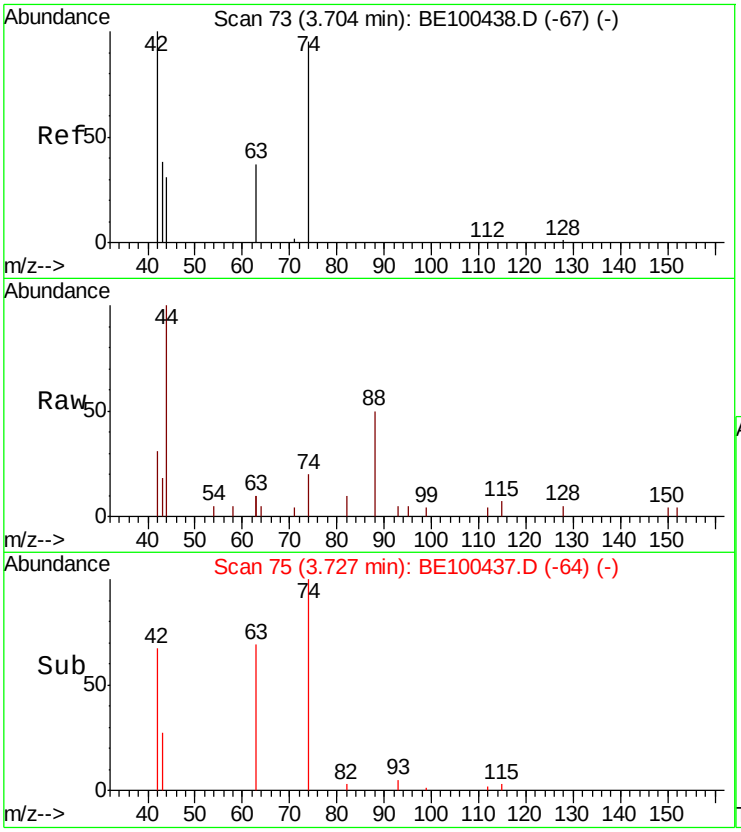


#2
1,4-Dioxane
Concen: 0.177 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion: 88 Resp: 1115

Ion	Ratio	Lower	Upper
88	100		
58	89.8	57.8	86.8#
43	42.0	25.0	37.6#



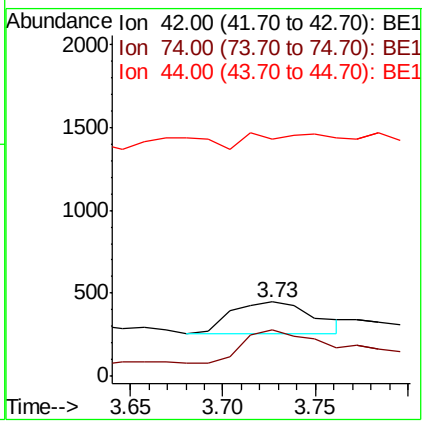


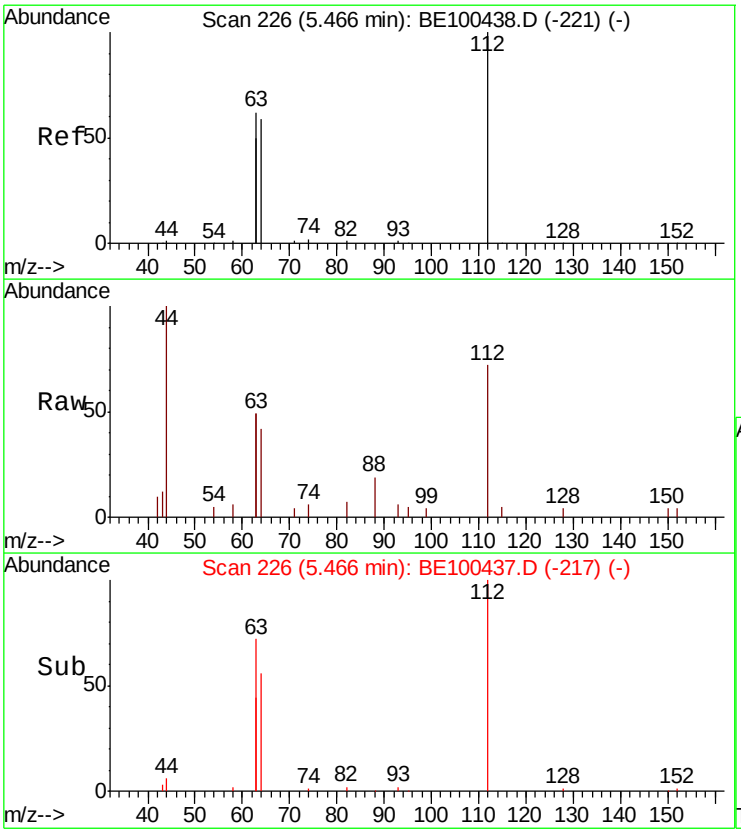
#3
n-Nitrosodimethylamine
Concen: 0.155 ng
RT: 3.73 min Scan# 75
Delta R.T. 0.02 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 596

Ion	Ratio	Lower	Upper
42	100		
74	96.8	85.3	127.9
44	46.3	21.8	32.8#

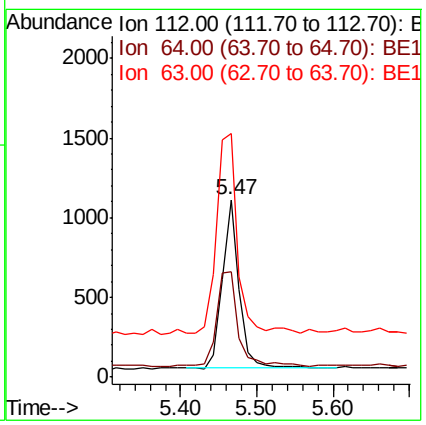


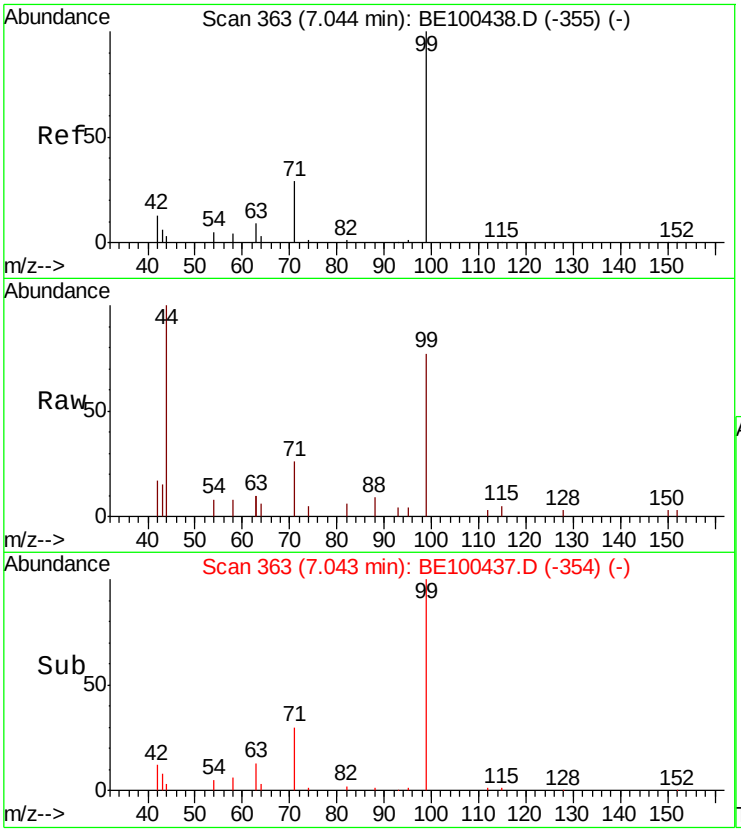


#4
2-Fluorophenol
Concen: 0.186 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:112 Resp: 1650

Ion	Ratio	Lower	Upper
112	100		
64	73.3	55.0	82.4
63	143.5	114.8	172.2



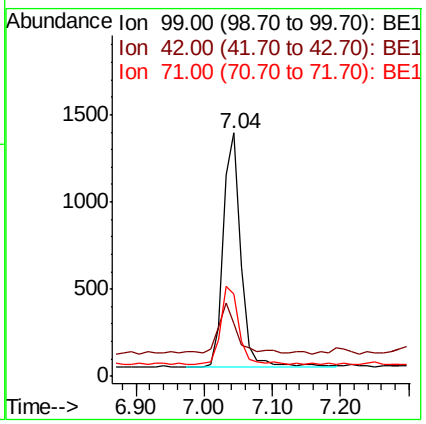


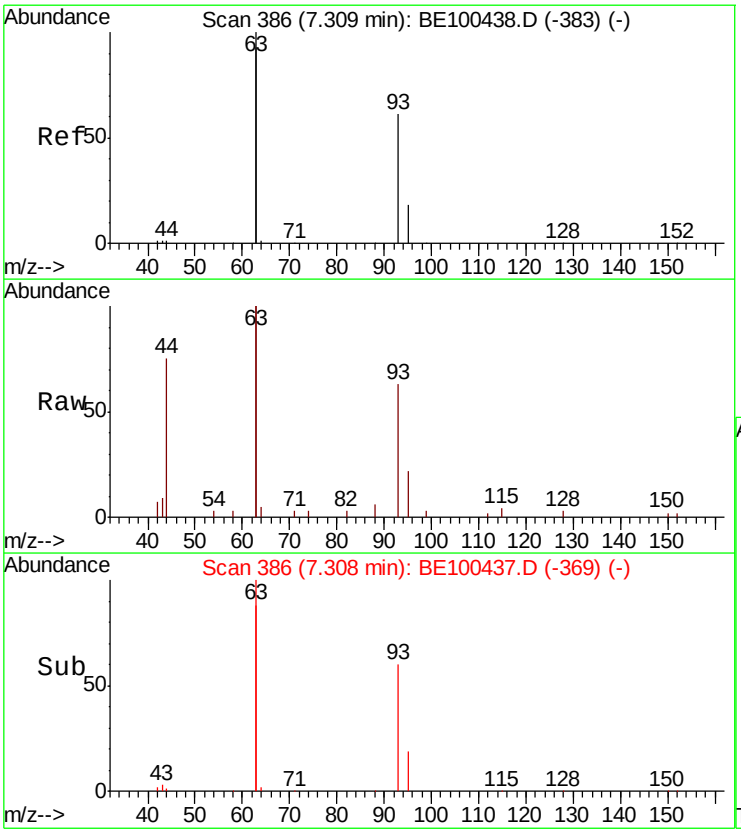
#5
Phenol-d6
Concen: 0.195 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2490

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.2
71	35.1	28.2	42.4

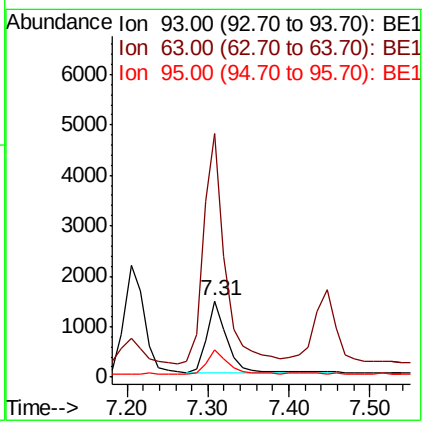


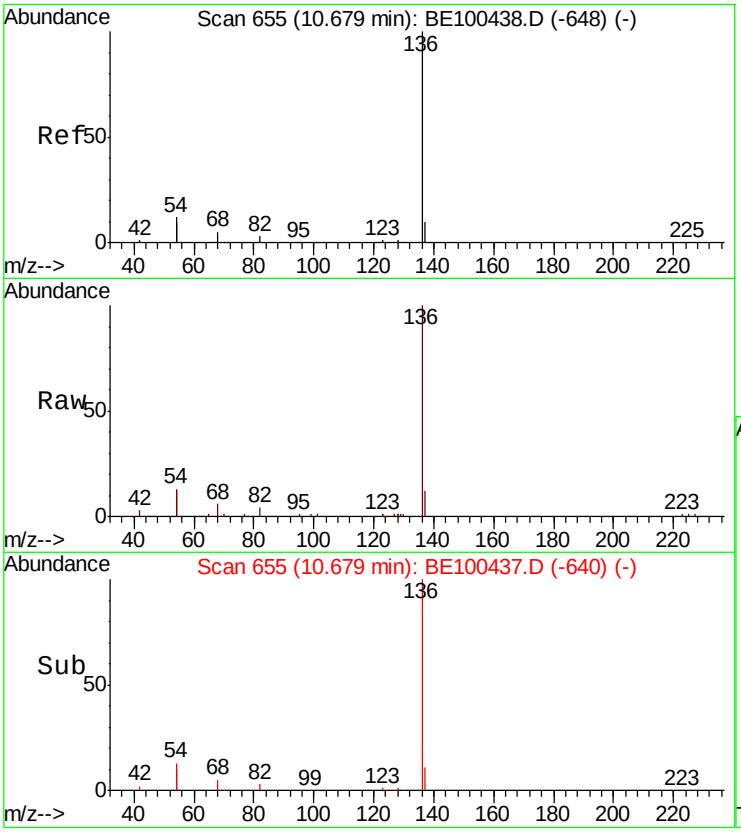


#6
bis(2-Chloroethyl)ether
Concen: 0.203 ng
RT: 7.31 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion: 93 Resp: 2521

Ion	Ratio	Lower	Upper
93	100		
63	332.6	266.9	400.3
95	34.2	26.8	40.2



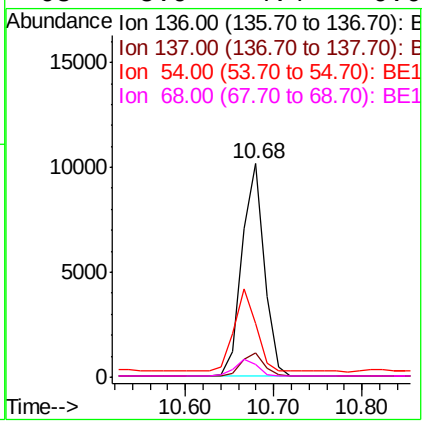


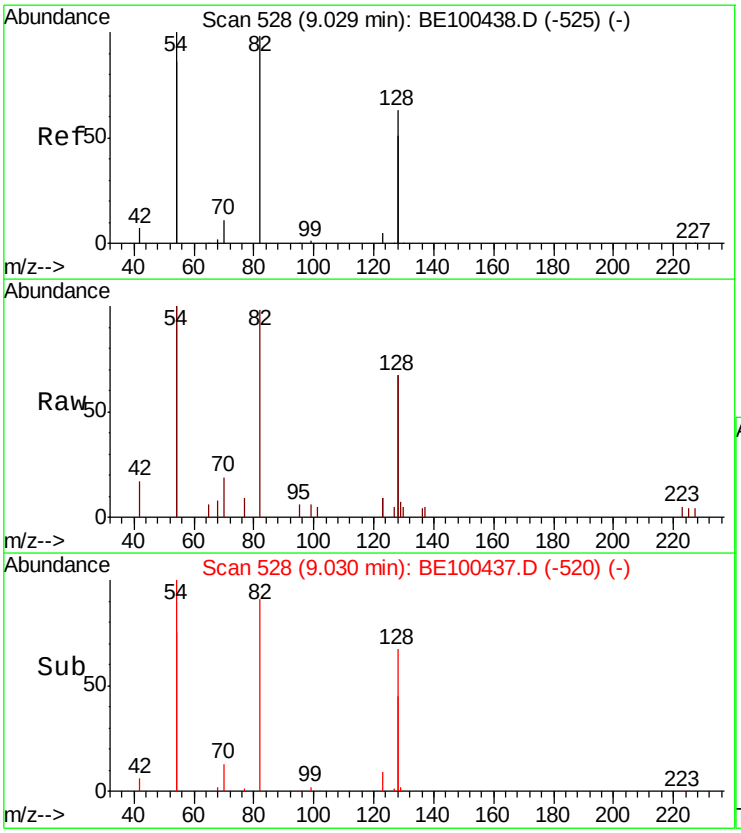
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 17657

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	25.4	19.6	29.4
68	5.9	4.4	6.6

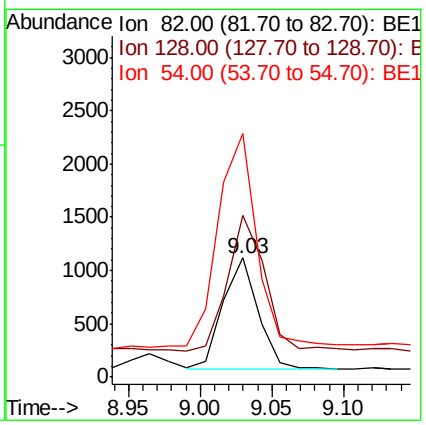


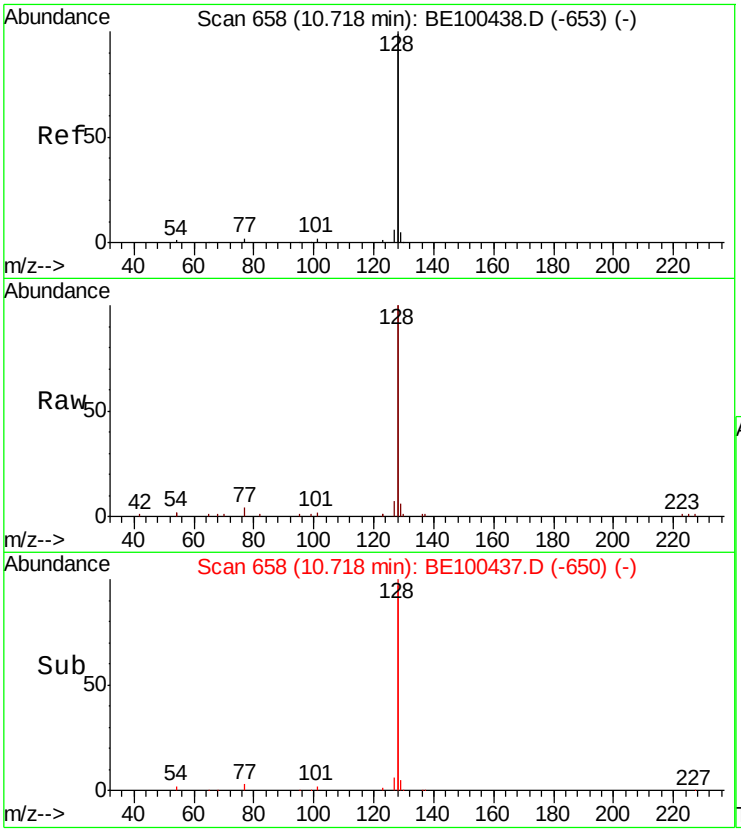


#8
Nitrobenzene-d5
Concen: 0.197 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion: 82 Resp: 1776

Ion	Ratio	Lower	Upper
82	100		
128	136.3	97.9	146.9
54	204.7	155.0	232.6



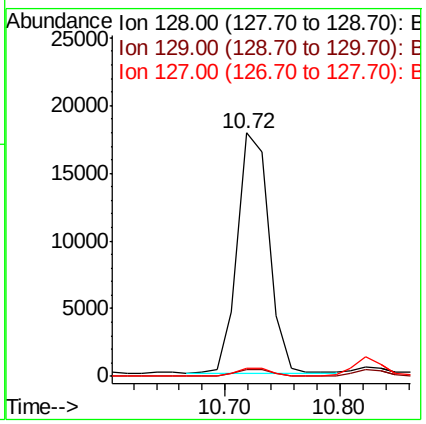


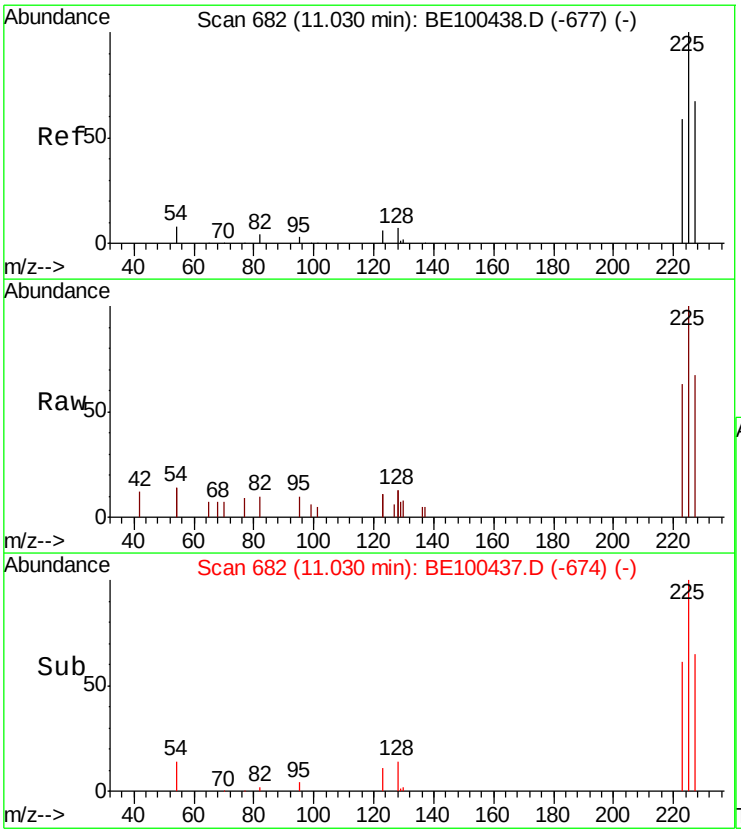
#9
Naphthalene
Concen: 0.197 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 33940

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.2	3.4
127	3.5	2.7	4.1

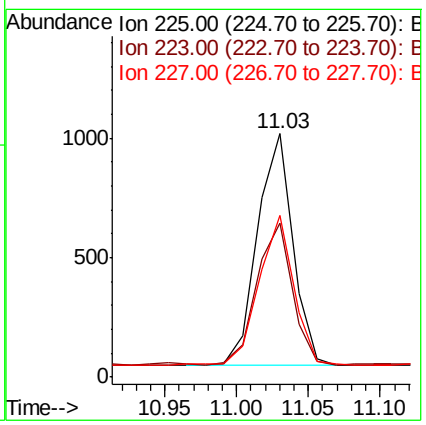


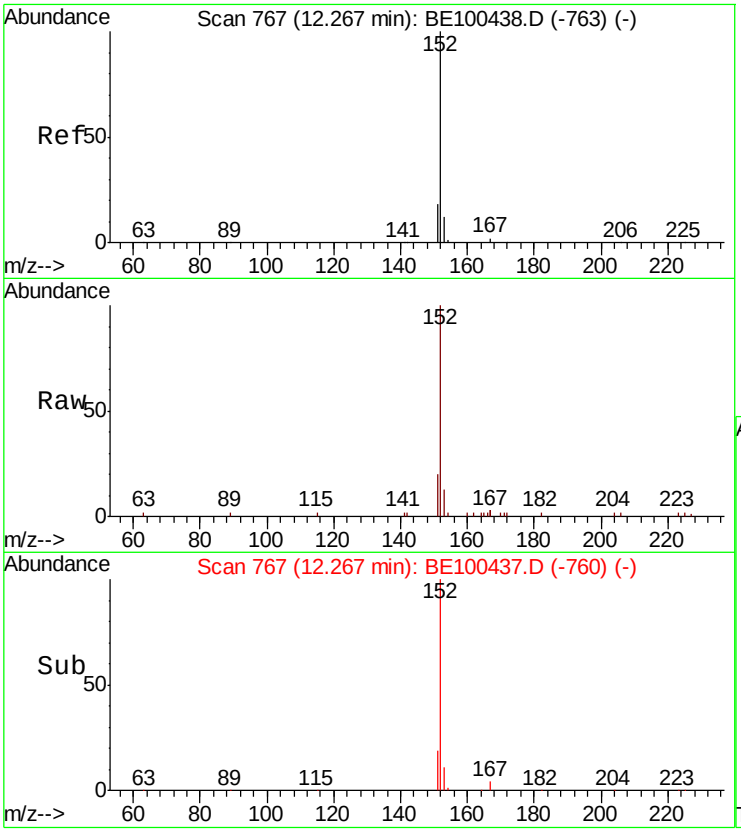


#10
Hexachlorobutadiene
Concen: 0.203 ng
RT: 11.03 min Scan# 682
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:225 Resp: 1667

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.8	74.8
227	64.1	52.3	78.5



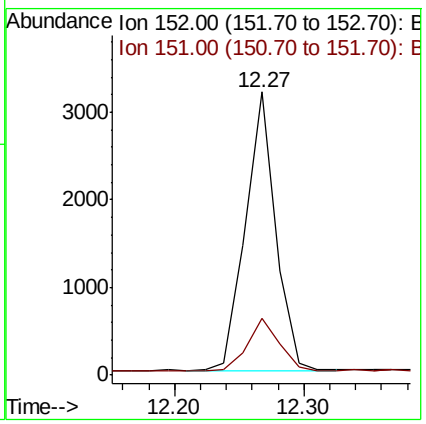


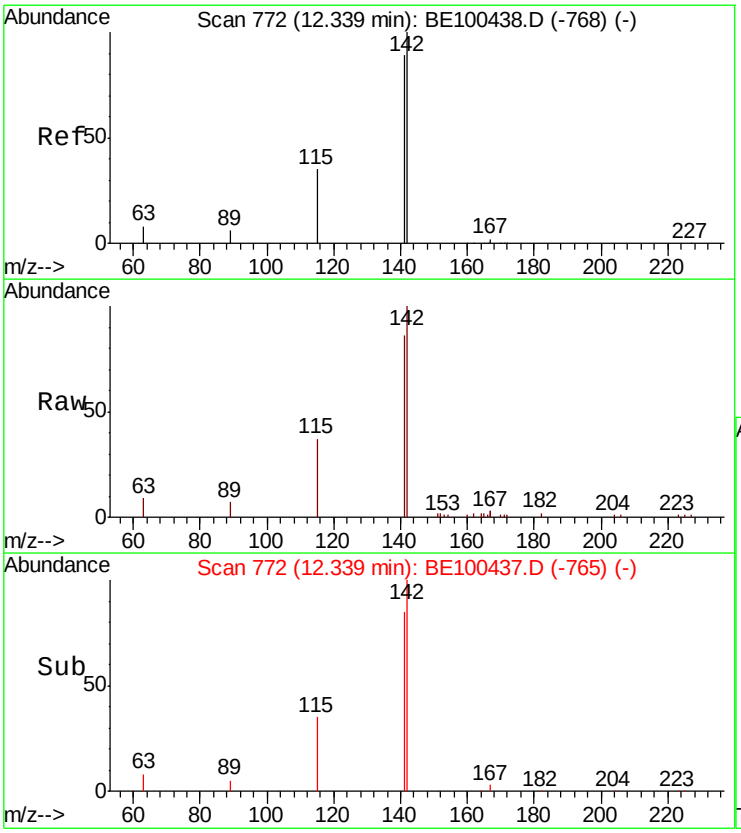
#11
2-Methylnaphthalene-d10
Concen: 0.132 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5127

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0

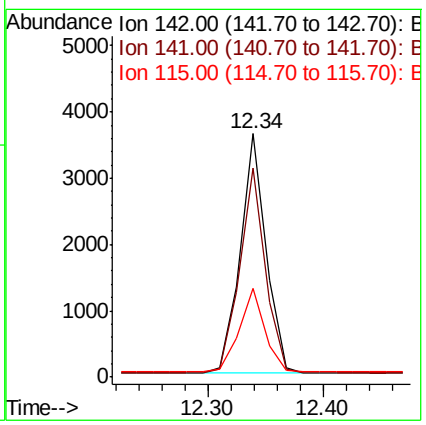


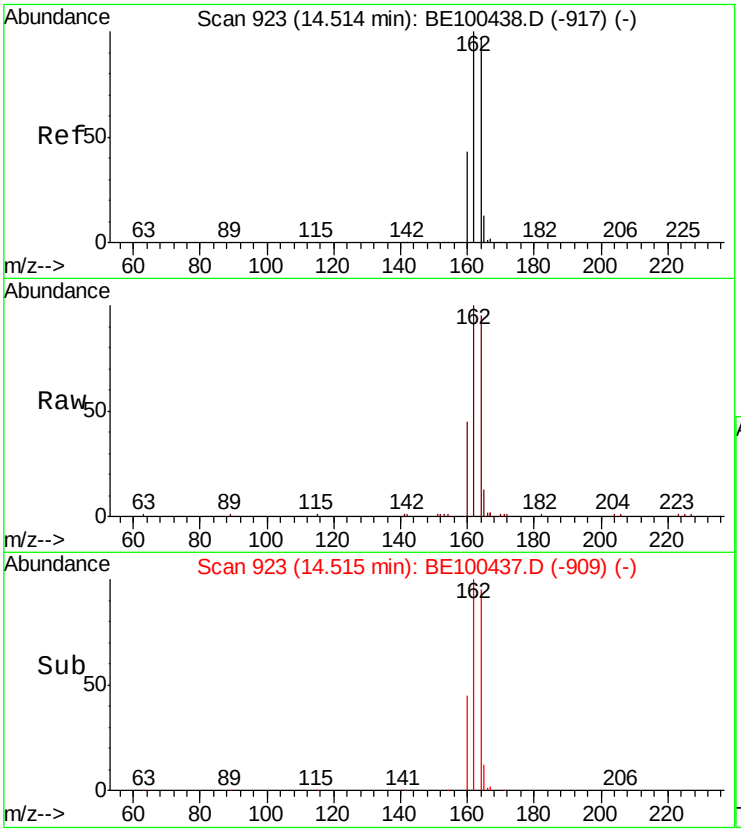


#12
2-Methylnaphthalene
Concen: 0.194 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:142 Resp: 5620

Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.9	106.3
115	36.7	29.0	43.4



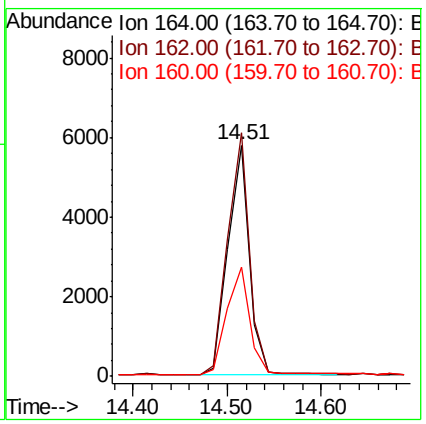


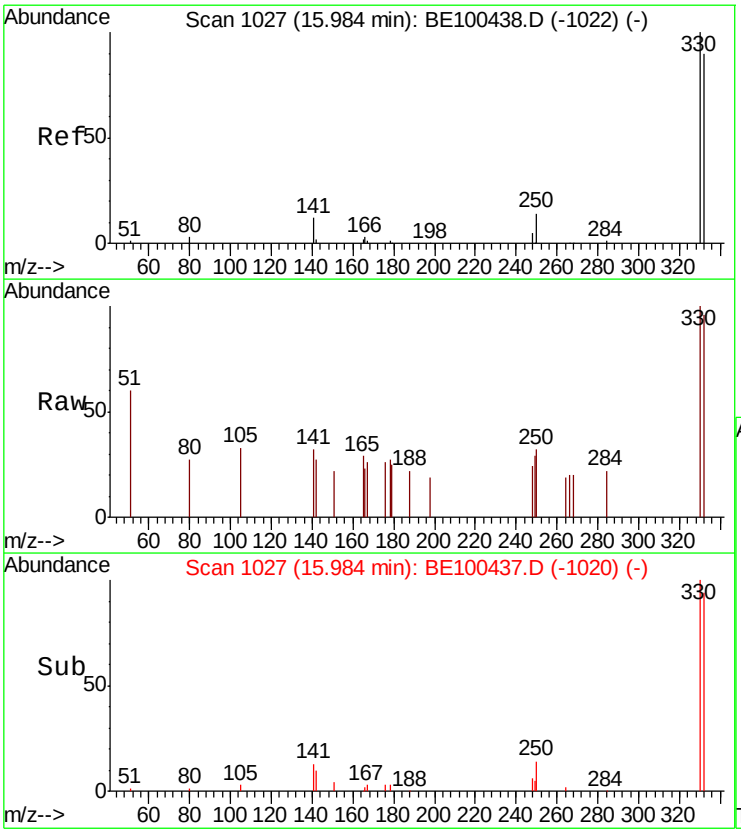
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 8981

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	124.0
160	47.4	35.6	53.4

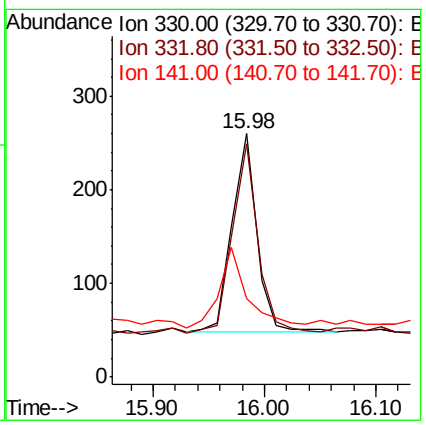


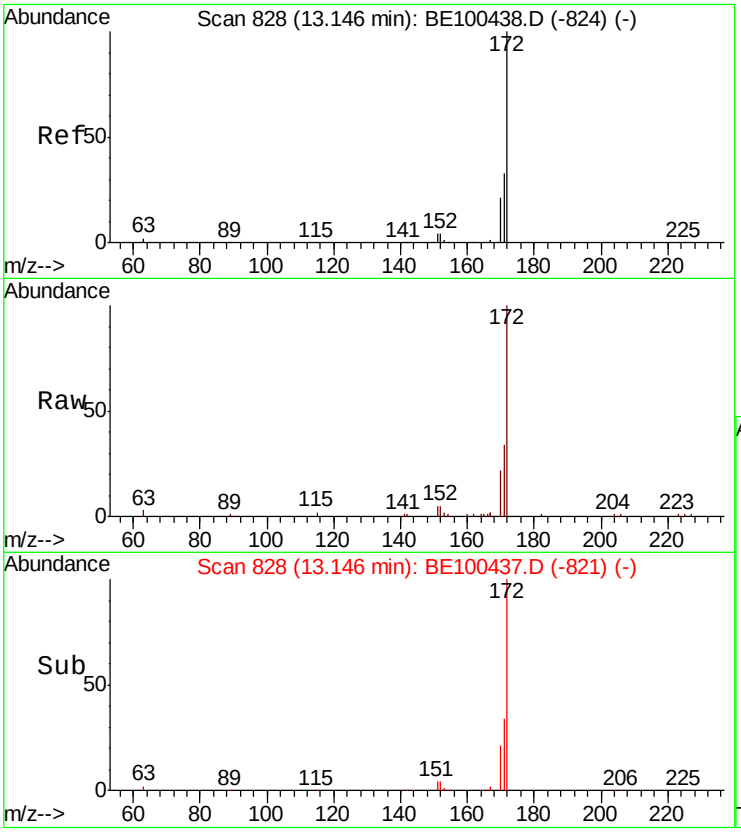


#14
2,4,6-Tribromophenol
Concen: 0.141 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:330 Resp: 328

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.3	114.5
141	47.9	28.1	42.1#



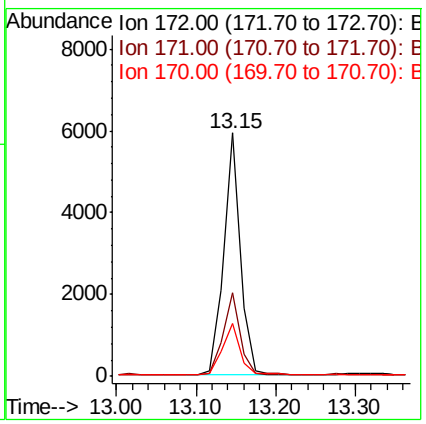


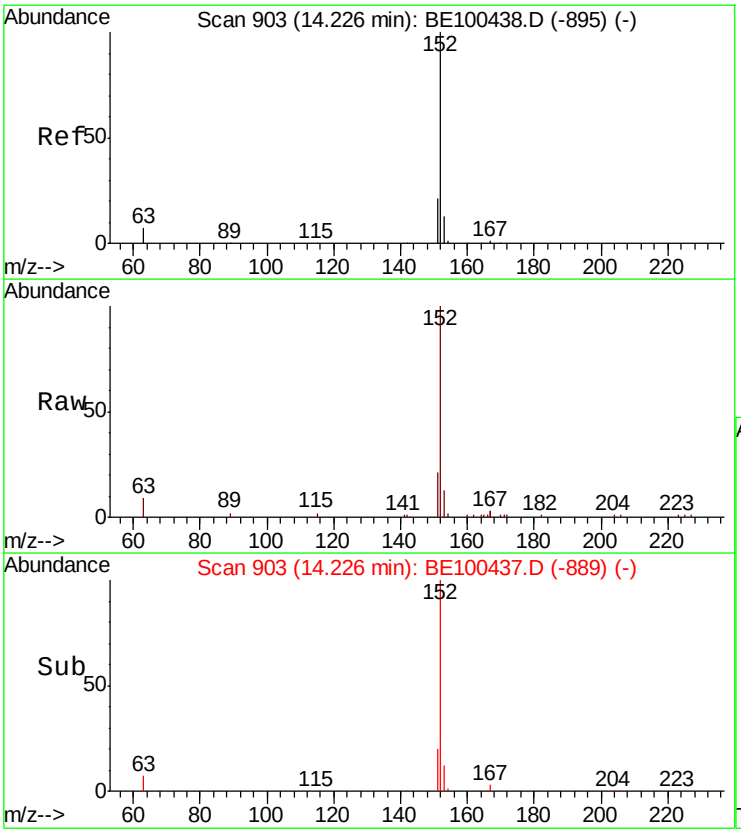
#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 8442

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.0	40.4
170	21.7	17.4	26.0

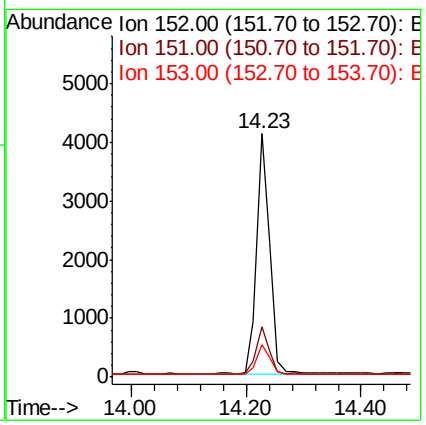


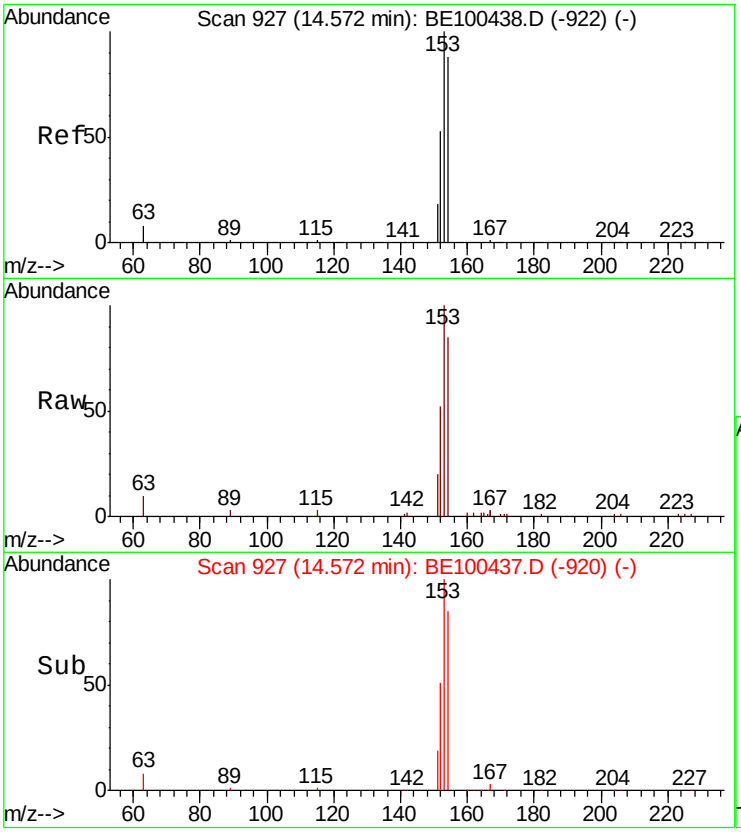


#16
Acenaphthylene
Concen: 0.180 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:152 Resp: 6691

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	12.4	10.4	15.6



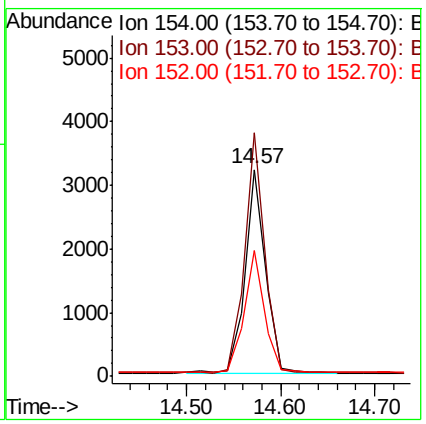


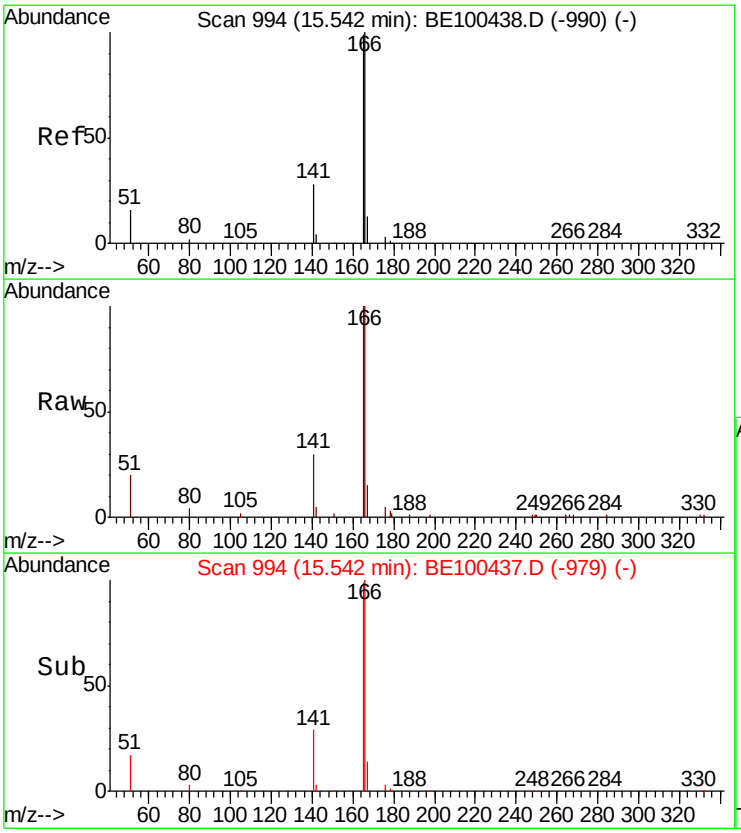
#17
Acenaphthene
Concen: 0.190 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4817

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.0	136.4
152	61.0	49.4	74.2

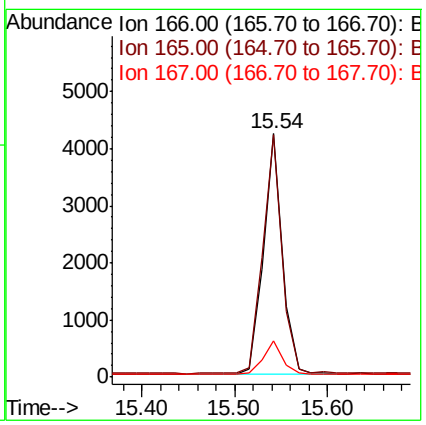


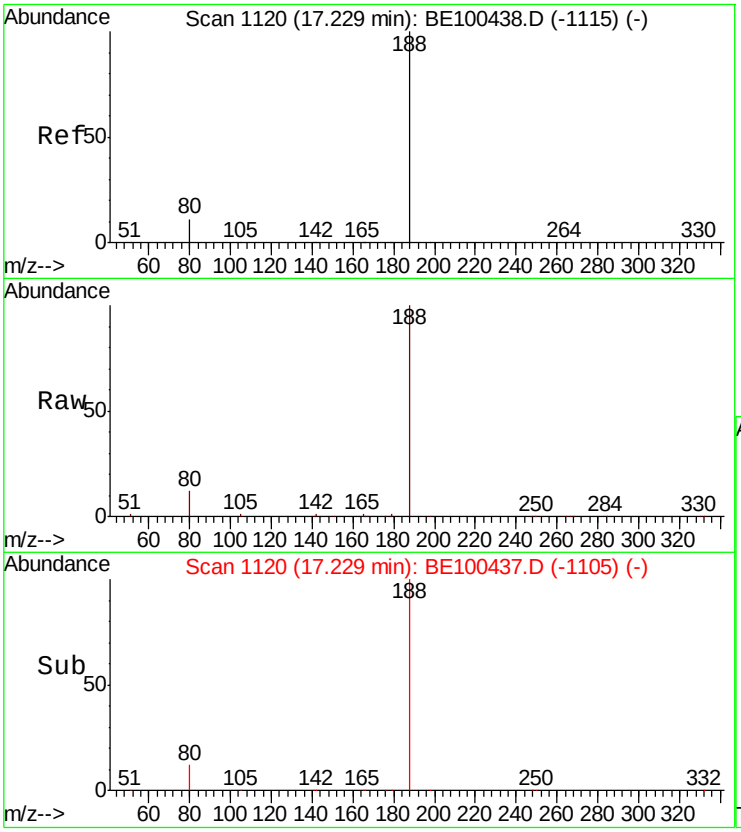


#18
Fluorene
Concen: 0.184 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:166 Resp: 5999

Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.6	119.4
167	14.3	10.6	15.8



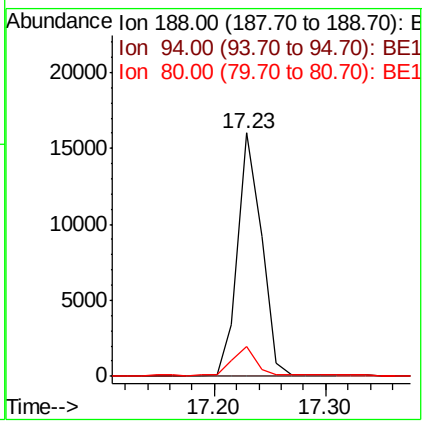


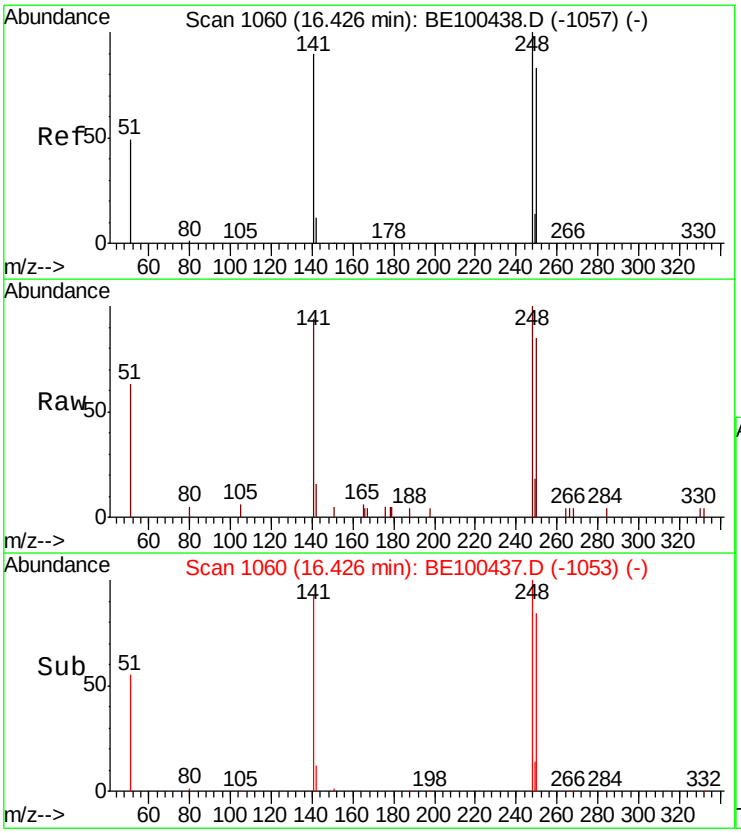
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 23668

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	9.2	13.8

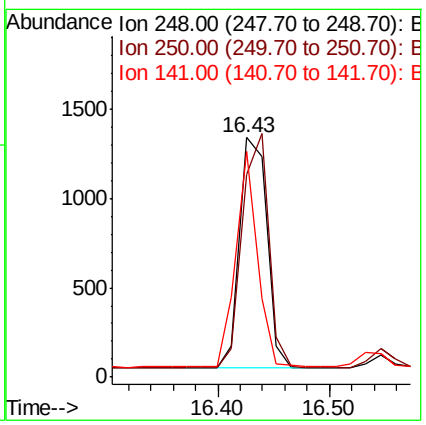


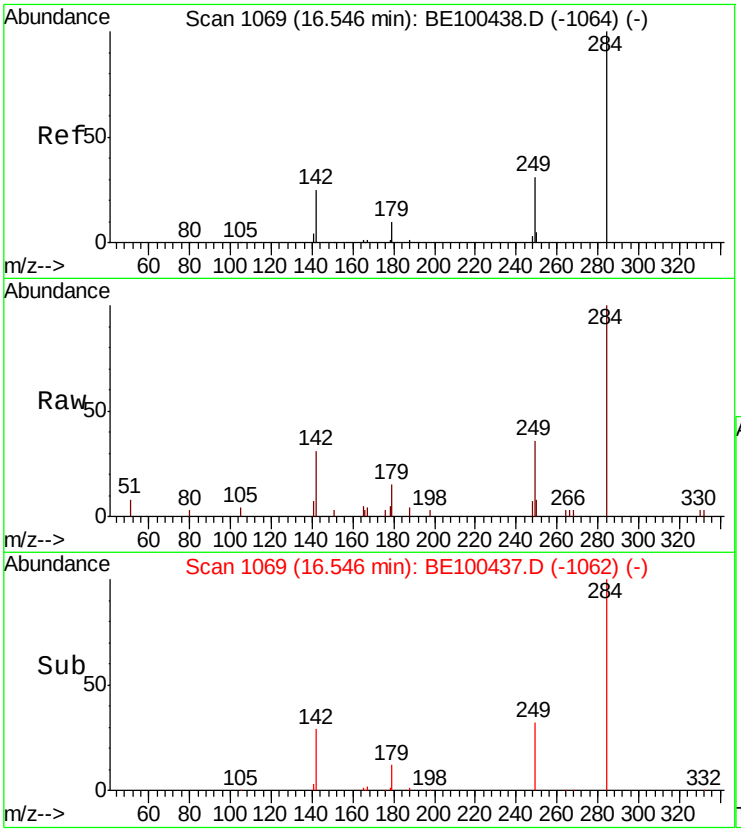


#20
4-Bromophenyl-phenylether
Concen: 0.183 ng
RT: 16.43 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:248 Resp: 2210

Ion	Ratio	Lower	Upper
248	100		
250	84.6	67.1	100.7
141	94.1	72.2	108.2



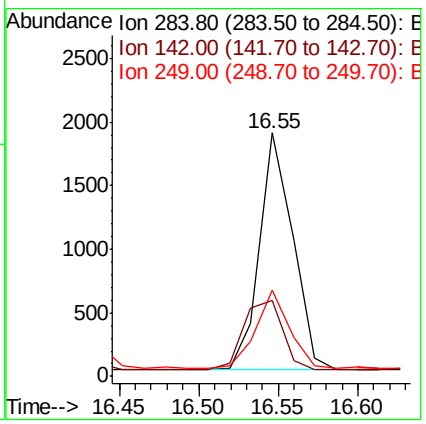


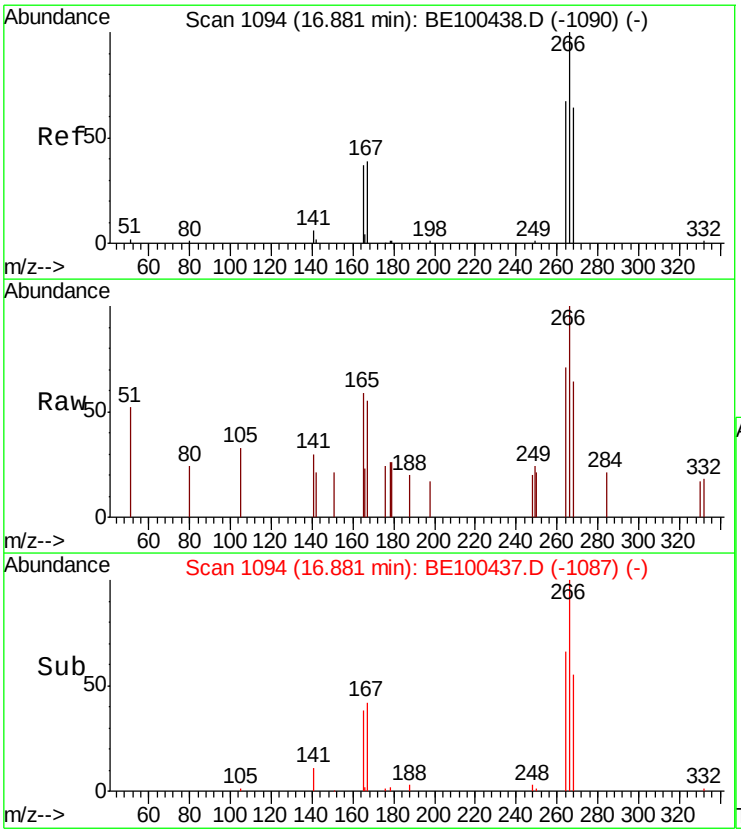
#21
Hexachlorobenzene
Concen: 0.194 ng
RT: 16.55 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2686

Ion	Ratio	Lower	Upper
284	100		
142	34.8	25.6	38.4
249	33.5	25.1	37.7

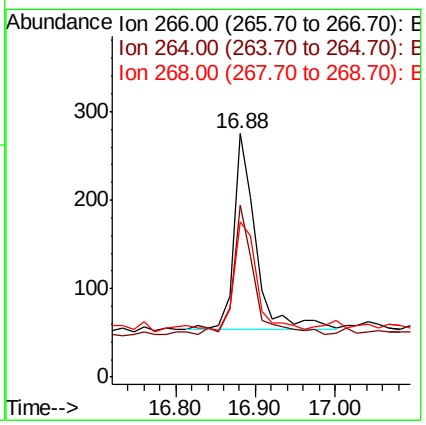


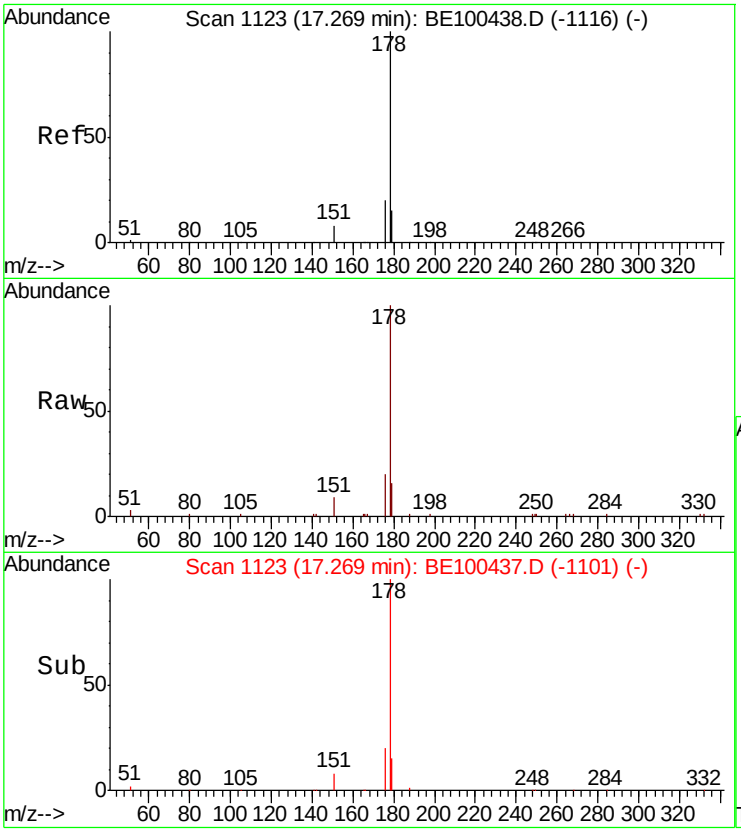


#22
Pentachlorophenol
Concen: 0.155 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:266 Resp: 422

Ion	Ratio	Lower	Upper
266	100		
264	70.5	56.2	84.2
268	63.6	54.9	82.3



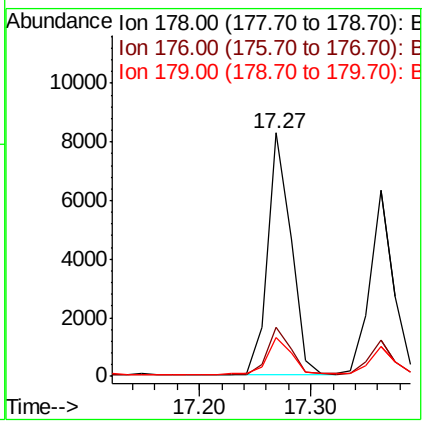


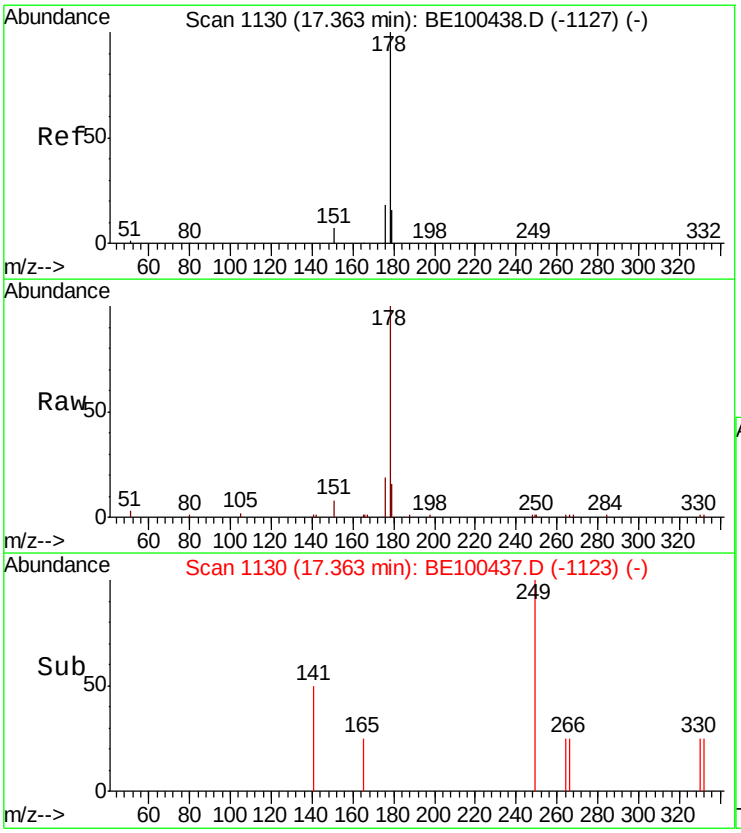
#23
Phenanthrene
Concen: 0.197 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 12087

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.5	12.4	18.6

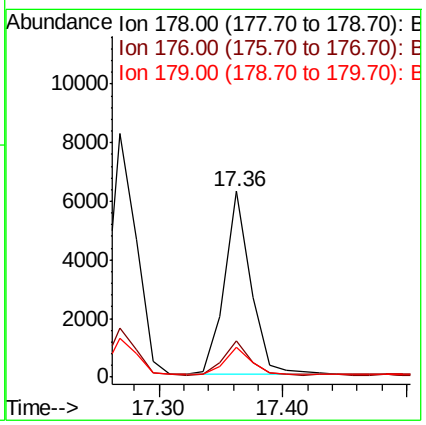


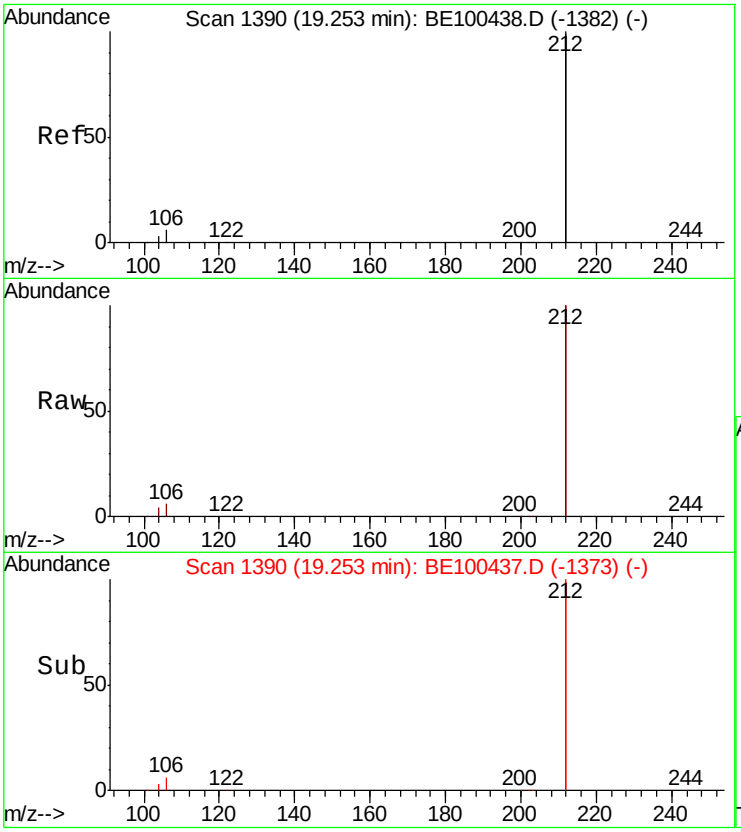


#24
Anthracene
Concen: 0.178 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:178 Resp: 9263

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	14.8	12.3	18.5



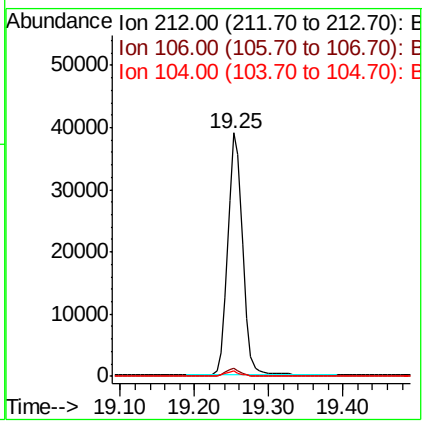


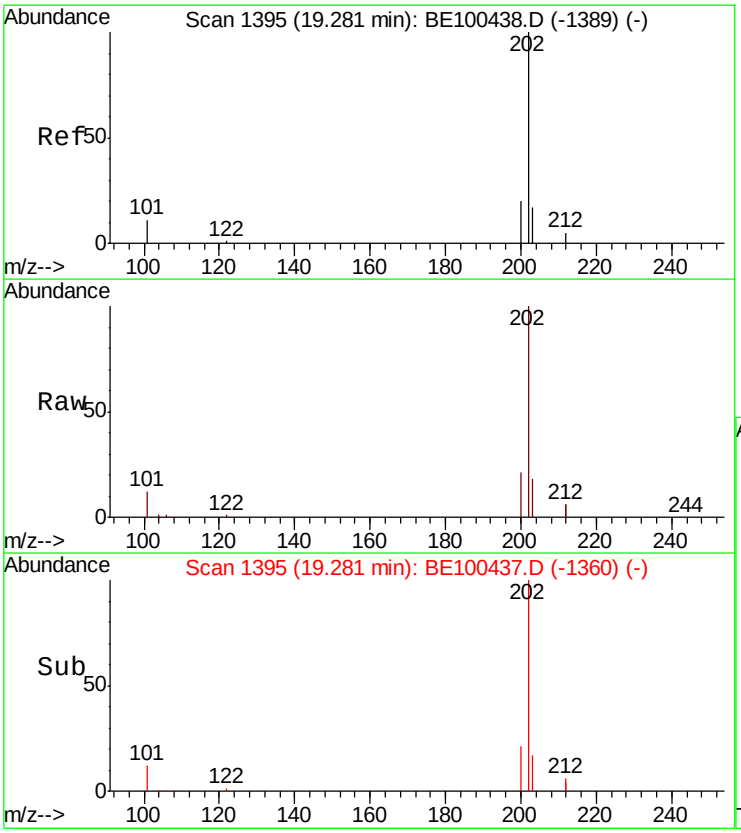
#25
Fluoranthene-d10
Concen: 0.129 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 54166

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.6	3.8
104	1.8	1.4	2.2

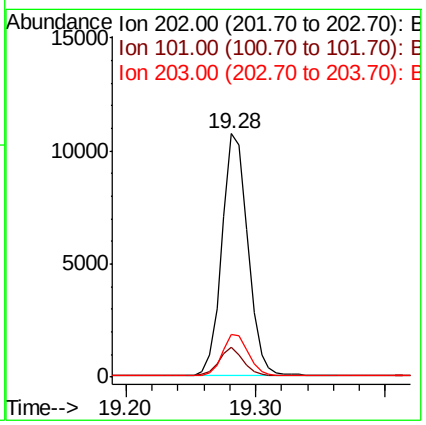


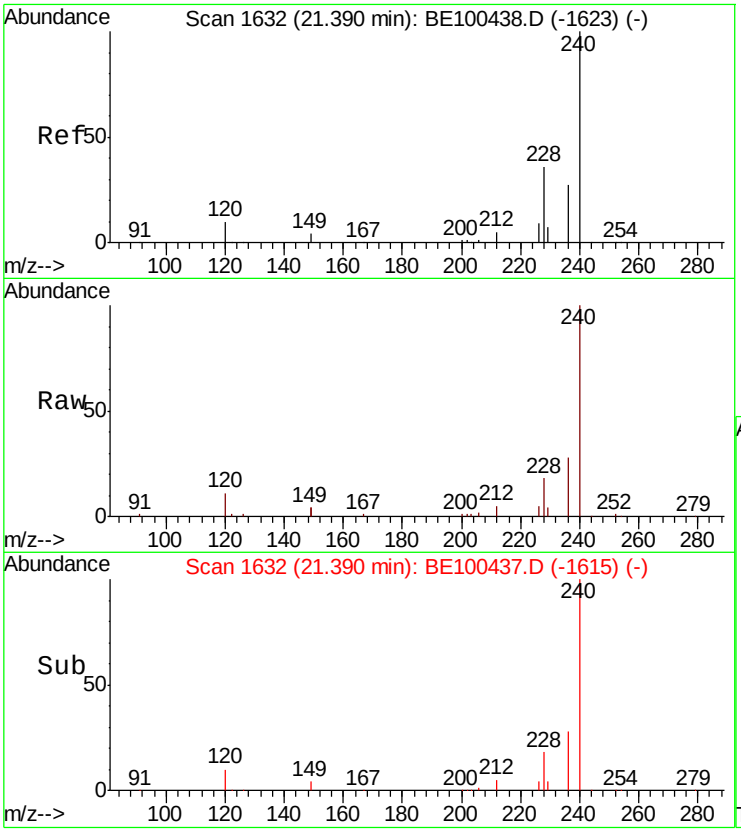


#26
Fluoranthene
Concen: 0.186 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:202 Resp: 14832

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
203	16.8	13.8	20.6



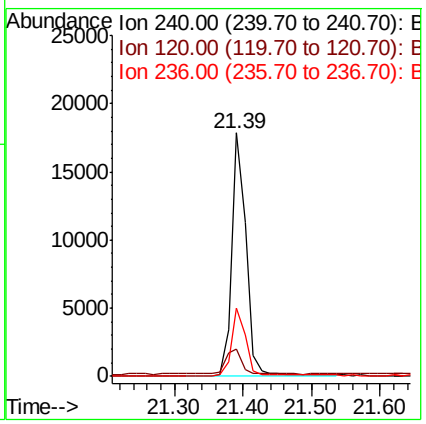


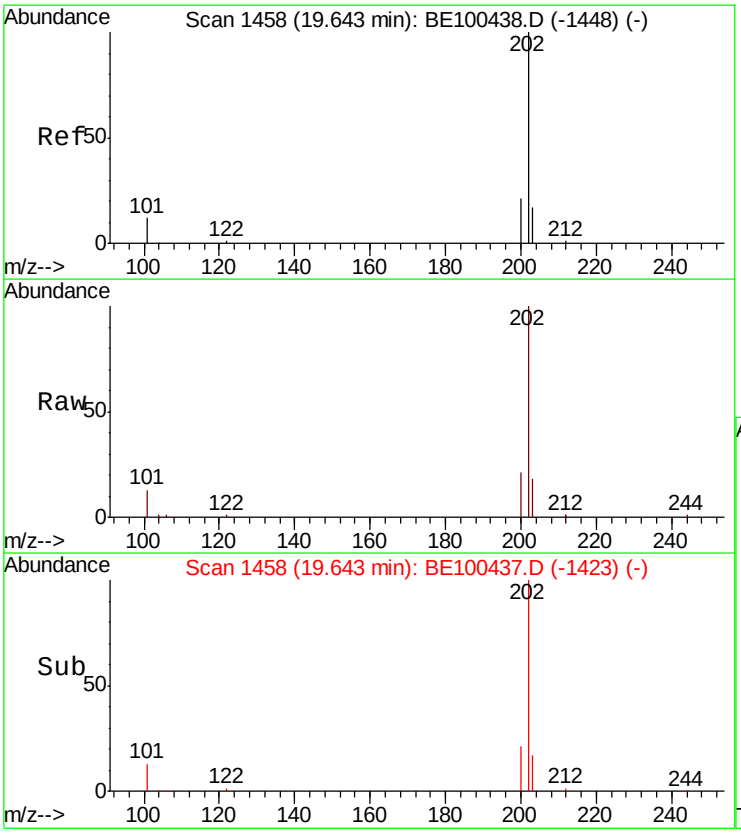
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 25592

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.8	13.2
236	28.2	22.0	33.0

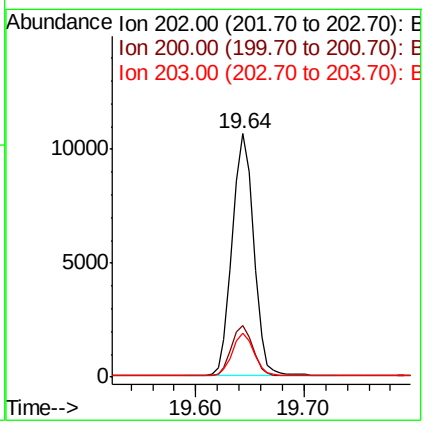


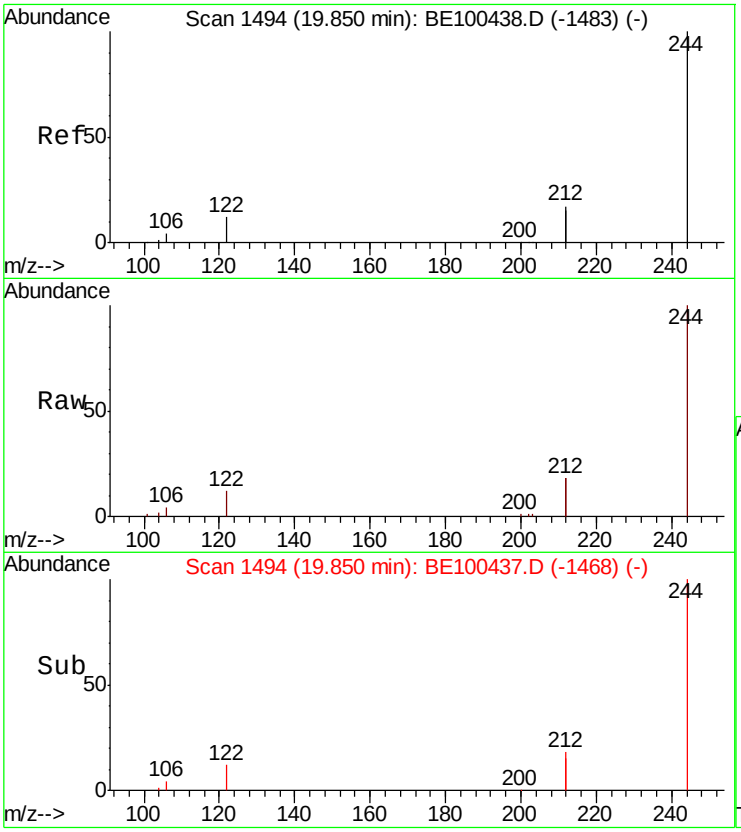


#28
Pyrene
Concen: 0.196 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:202 Resp: 14687

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.6	13.8	20.8



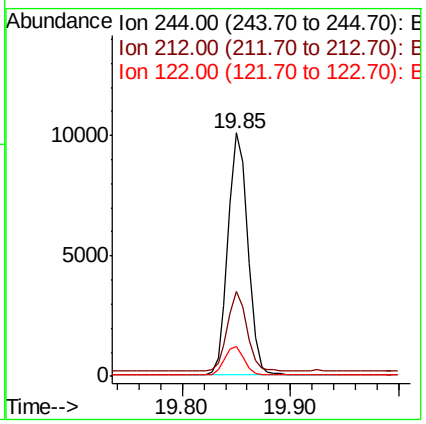


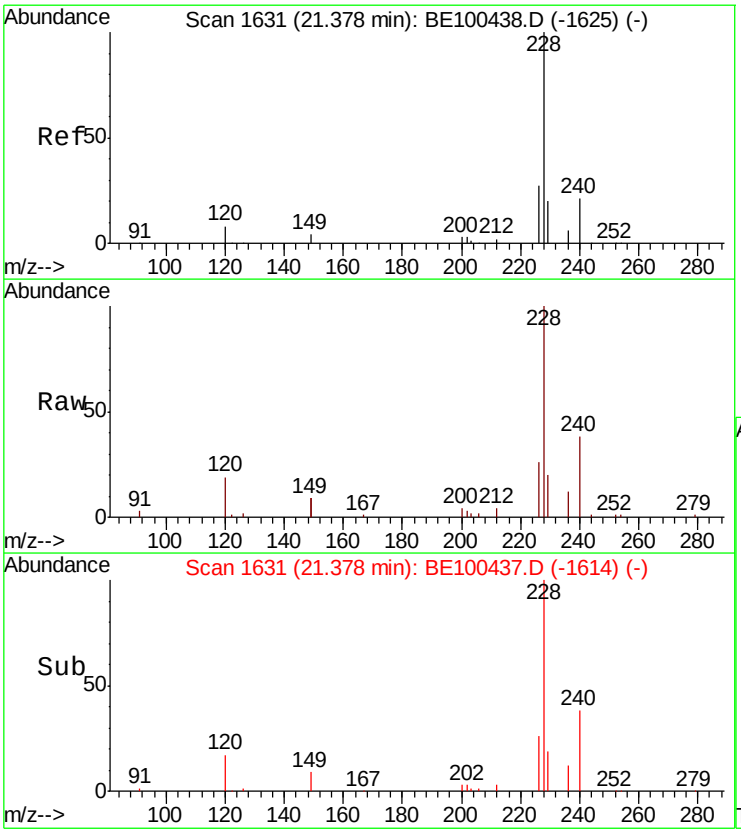
#29
Terphenyl-d14
Concen: 0.204 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 12676

Ion	Ratio	Lower	Upper
244	100		
212	35.1	26.3	39.5
122	12.4	9.4	14.2

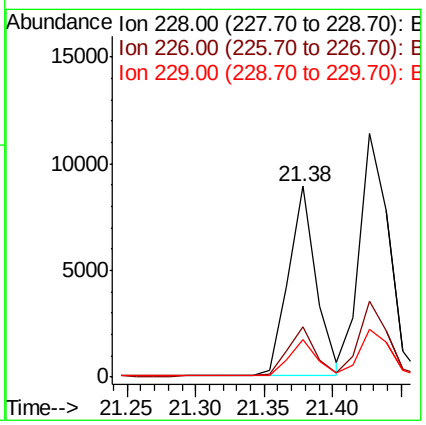


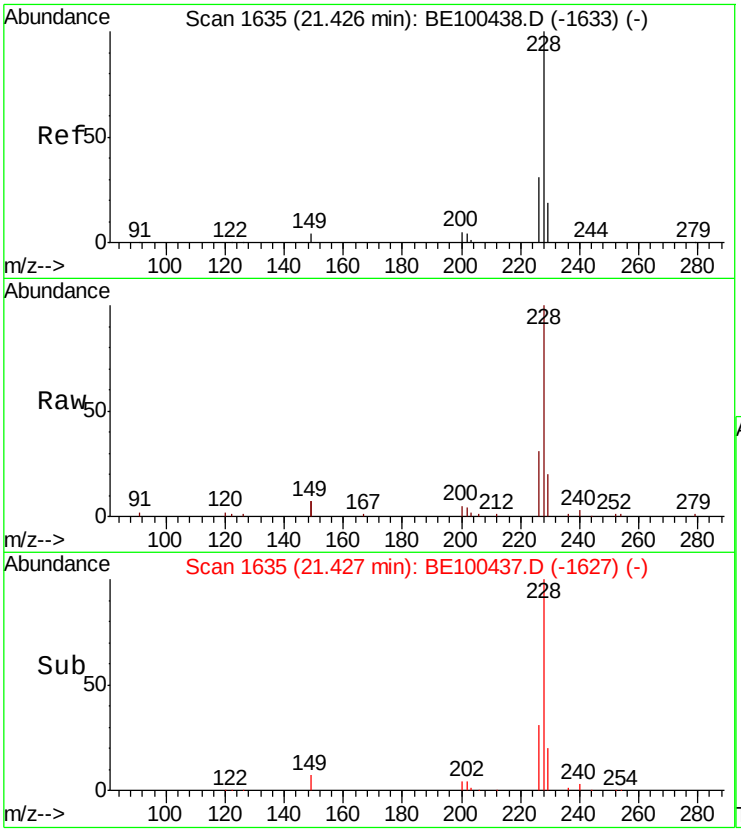


#30
Benzo(a)anthracene
Concen: 0.178 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:228 Resp: 12484

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.6	32.4
229	19.8	15.8	23.8



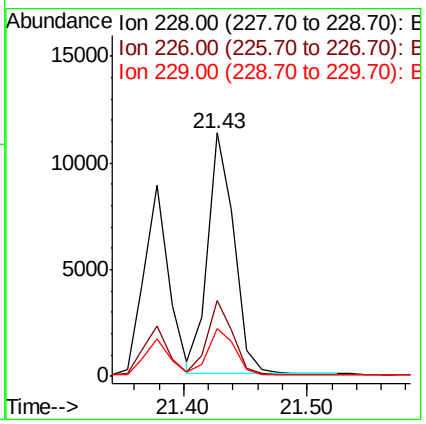


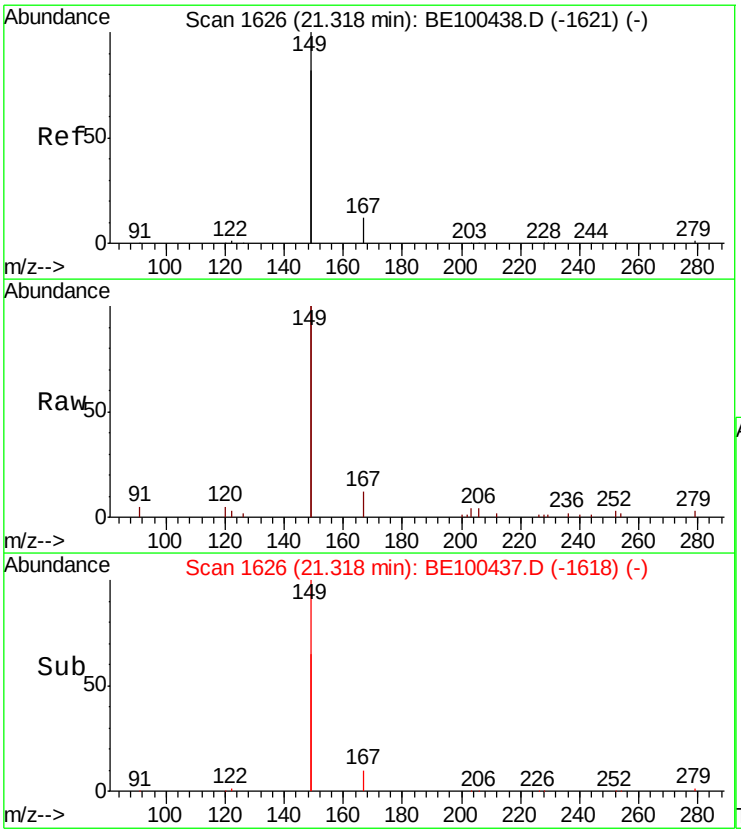
#31
Chrysene
Concen: 0.203 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 16736

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	19.9	15.8	23.6

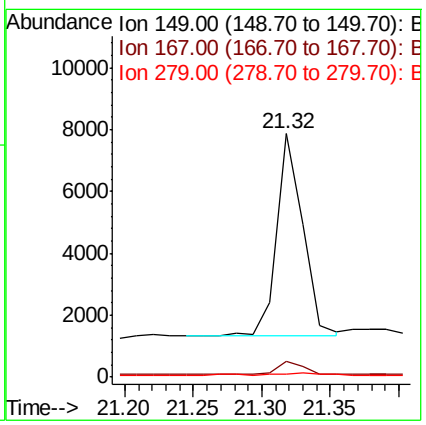


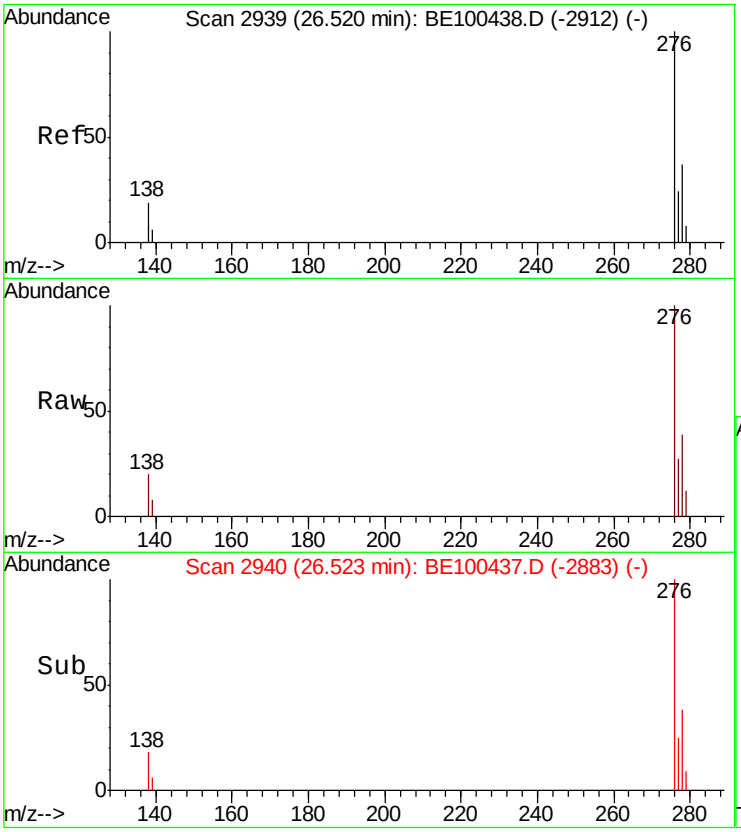


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.161 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:149 Resp: 8624

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.6
279	1.6	1.2	1.8



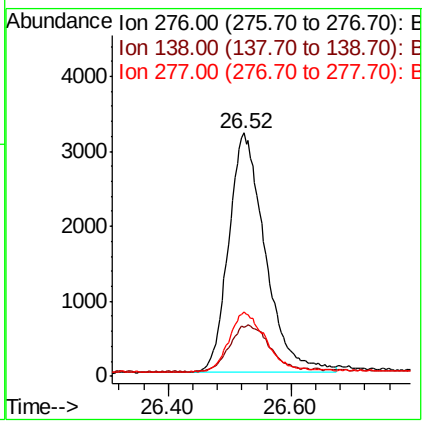


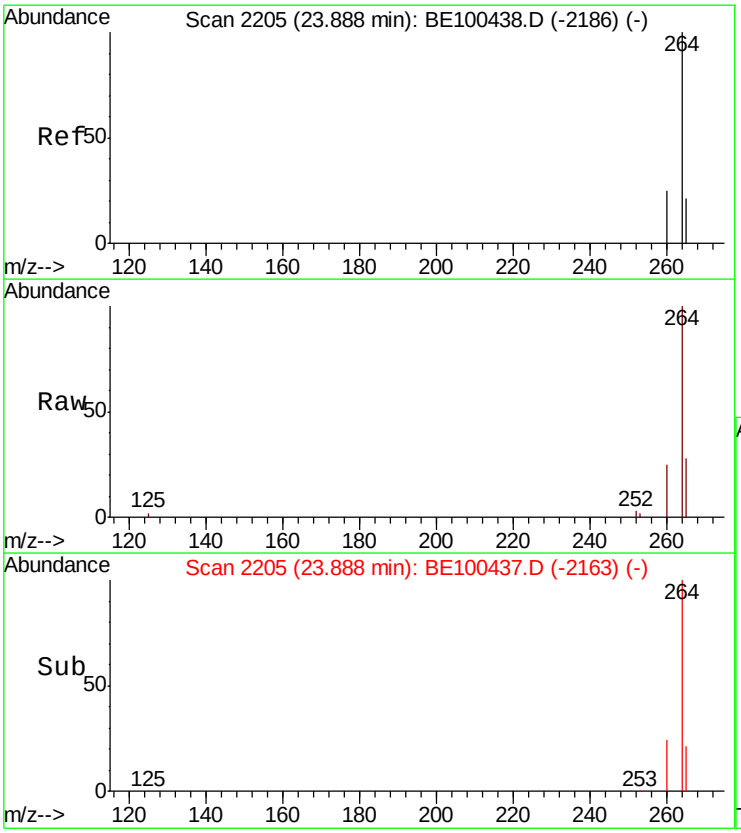
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.177 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 13198

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.0	25.6
277	25.1	19.8	29.6

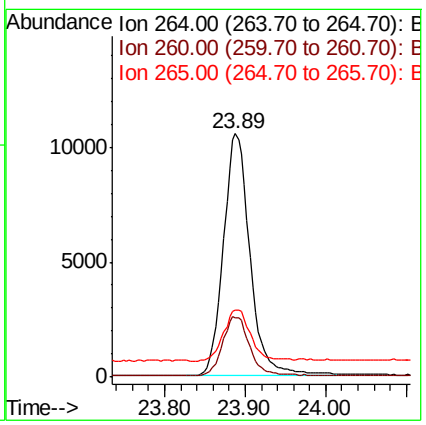


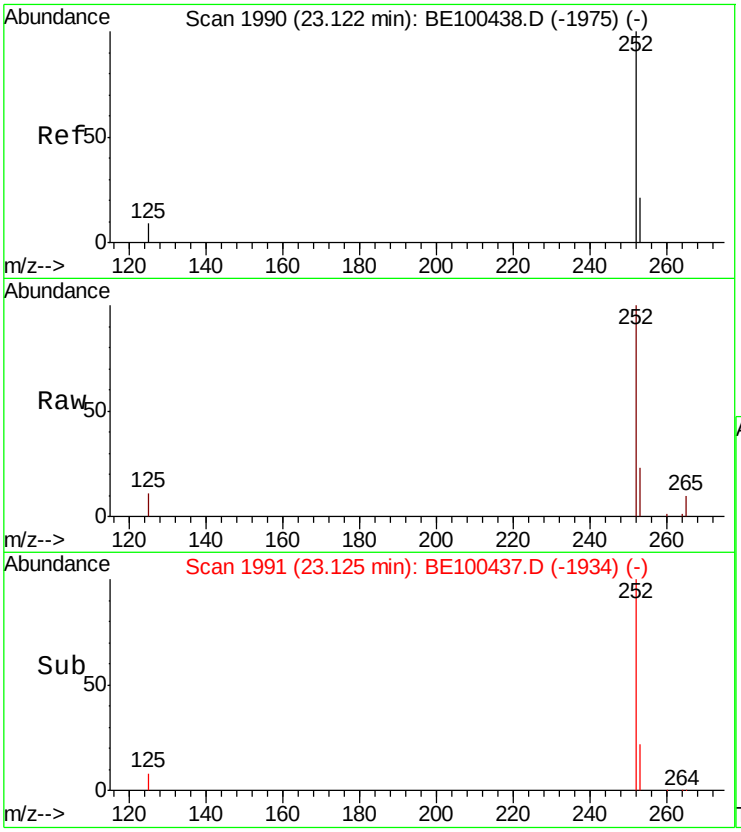


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:264 Resp: 24203

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	27.7	22.2	33.4



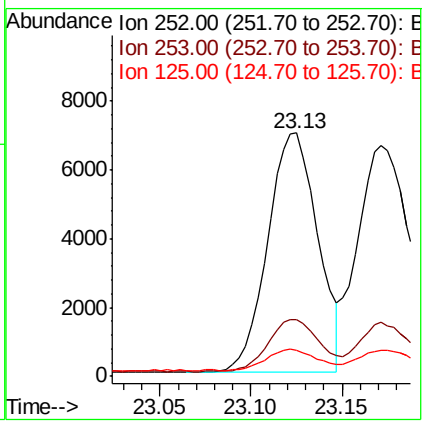


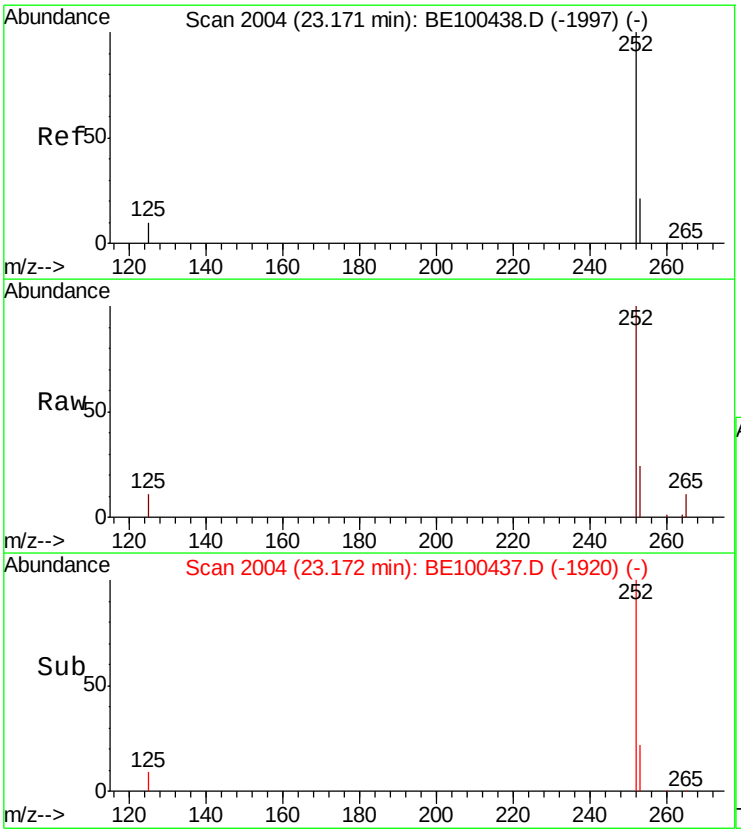
#35
Benzo(b)fluoranthene
Concen: 0.175 ng
RT: 23.13 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 13304

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.5	8.0	12.0

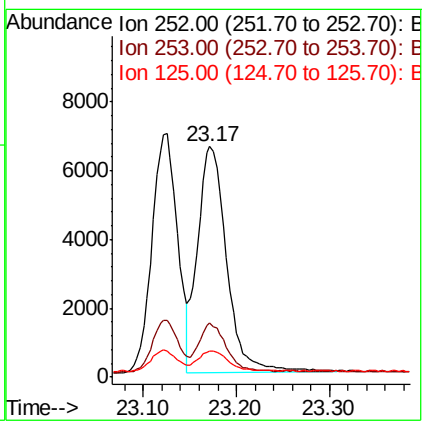


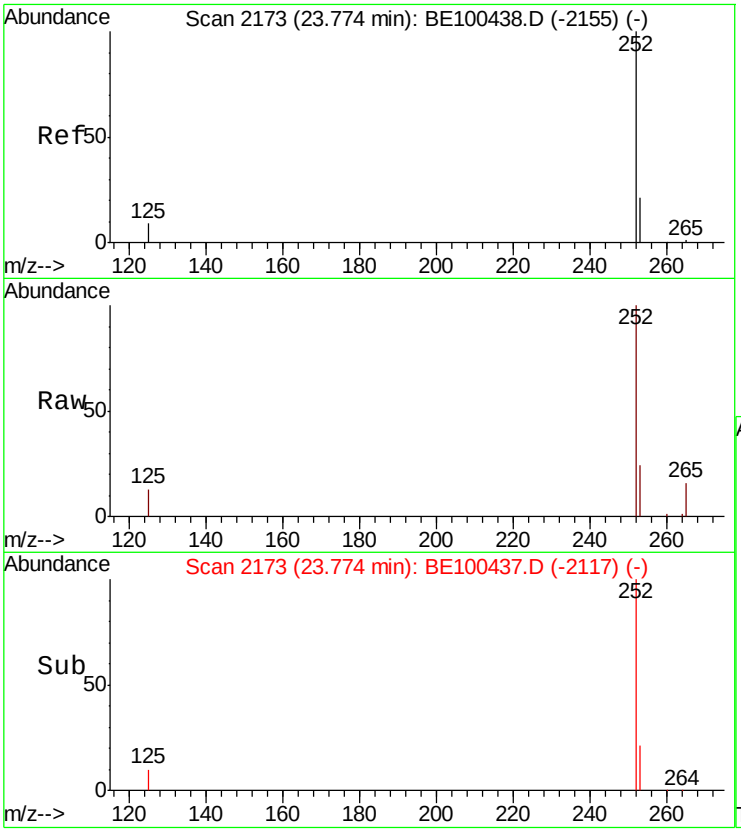


#36
Benzo(k)fluoranthene
Concen: 0.178 ng
RT: 23.17 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:252 Resp: 14166

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	11.4	8.3	12.5



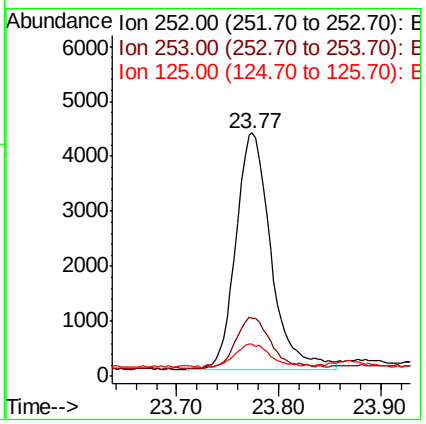


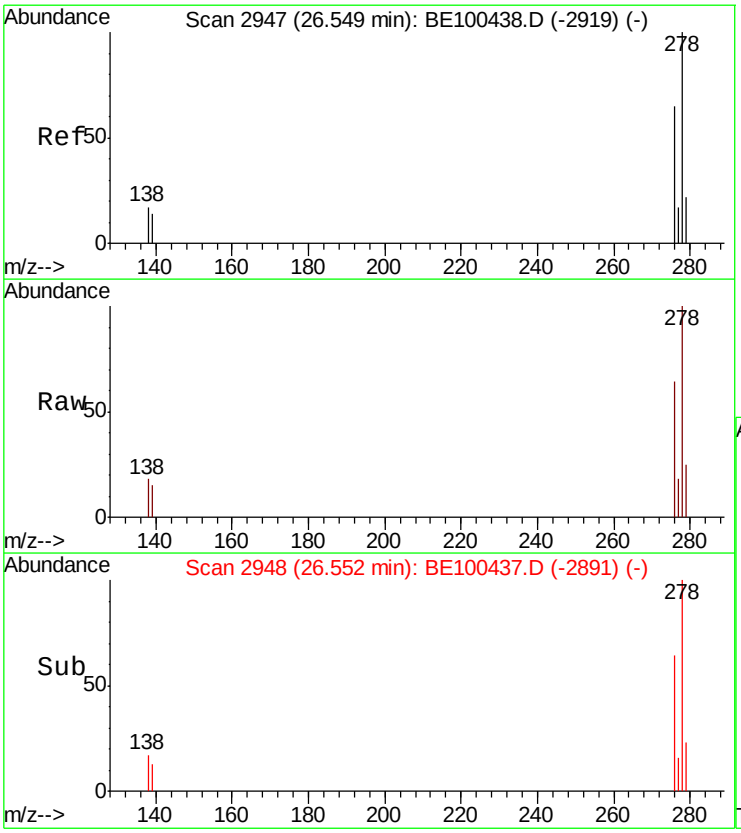
#37
Benzo(a)pyrene
Concen: 0.162 ng
RT: 23.77 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 10299

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	13.5	9.0	13.6

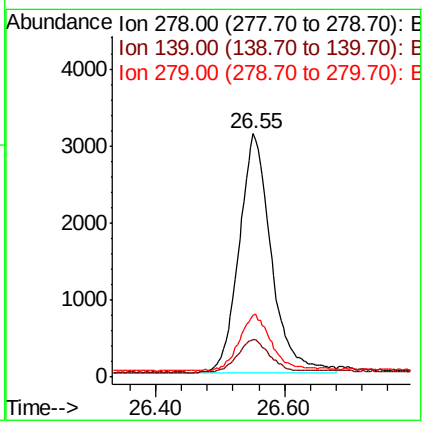


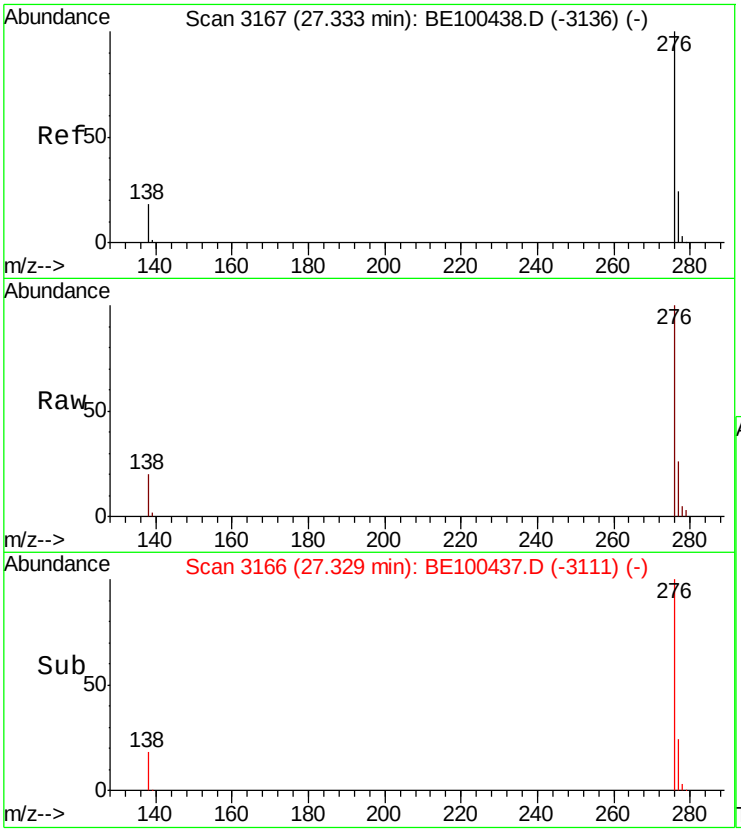


#38
Dibenzo(a,h)anthracene
Concen: 0.163 ng
RT: 26.55 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Tgt Ion:278 Resp: 10835

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.2	18.2
279	25.2	18.6	27.8





#39
Benzo(g,h,i)perylene
Concen: 0.177 ng
RT: 27.33 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BE100437.D
Acq: 16 Jul 2019 9:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 12237

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.6	29.4
138	20.2	15.1	22.7