Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100441.D
Acq On : 16 Jul 2019 11:34
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 16 12:59:19 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	5160	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	18894	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	10709	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	24150	0.40	ng		0.00
27) Chrysene-d12	21.39	240	30954	0.40	ng		0.00
34) Perylene-d12	23.88	264	28055	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	31530	3.01	ng		0.00
5) Phenol-d6	7.04	99	47305	3.13	ng		0.00
8) Nitrobenzene-d5	9.03	82	36155	3.74	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	98185	2.35	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	9847	3.56	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	145403	3.06	ng		0.00
25) Fluoranthene-d10	19.25	212	1044004	2.44	ng		0.00
29) Terphenyl-d14	19.85	244	231766	3.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	21094	2.840	ng		96
3) n-Nitrosodimethylamine	3.68	42	16223	3.562	ng	#	79
6) bis(2-Chloroethyl)ether	7.31	93	45712	3.115	ng		100
9) Naphthalene	10.72	128	594194	3.229	ng		100
10) Hexachlorobutadiene	11.03	225	28959	3.295	ng		98
12) 2-Methylnaphthalene	12.34	142	101800	3.285	ng		99
16) Acenaphthylene	14.23	152	153326	3.453	ng		100
17) Acenaphthene	14.57	154	97821	3.232	ng		97
18) Fluorene	15.54	166	126904	3.268	ng		99
20) 4-Bromophenyl-phenylether	16.44	248	44292	3.585	ng	#	54
21) Hexachlorobenzene	16.54	284	49698	3.513	ng		99
22) Pentachlorophenol	16.88	266	10848	3.896	ng		93
23) Phenanthrene	17.27	178	213623	3.405	ng		100
24) Anthracene	17.36	178	191095	3.593	ng		100
26) Fluoranthene	19.28	202	285967	3.522	ng		99
28) Pyrene	19.64	202	280535	3.099	ng		99
30) Benzo(a)anthracene	21.38	228	297833	3.508	ng		100
31) Chrysene	21.43	228	318557	3.195	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	258087	3.978	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	328711	3.642	ng		99
35) Benzo(b)fluoranthene	23.12	252	292917	3.325	ng		99
36) Benzo(k)fluoranthene	23.17	252	322048	3.493	ng		99
37) Benzo(a)pyrene	23.77	252	262934	3.566	ng		98
38) Dibenzo(a,h)anthracene	26.55	278	278765	3.621	ng		98
39) Benzo(g,h,i)perylene	27.33	276	273667	3.423	ng		98

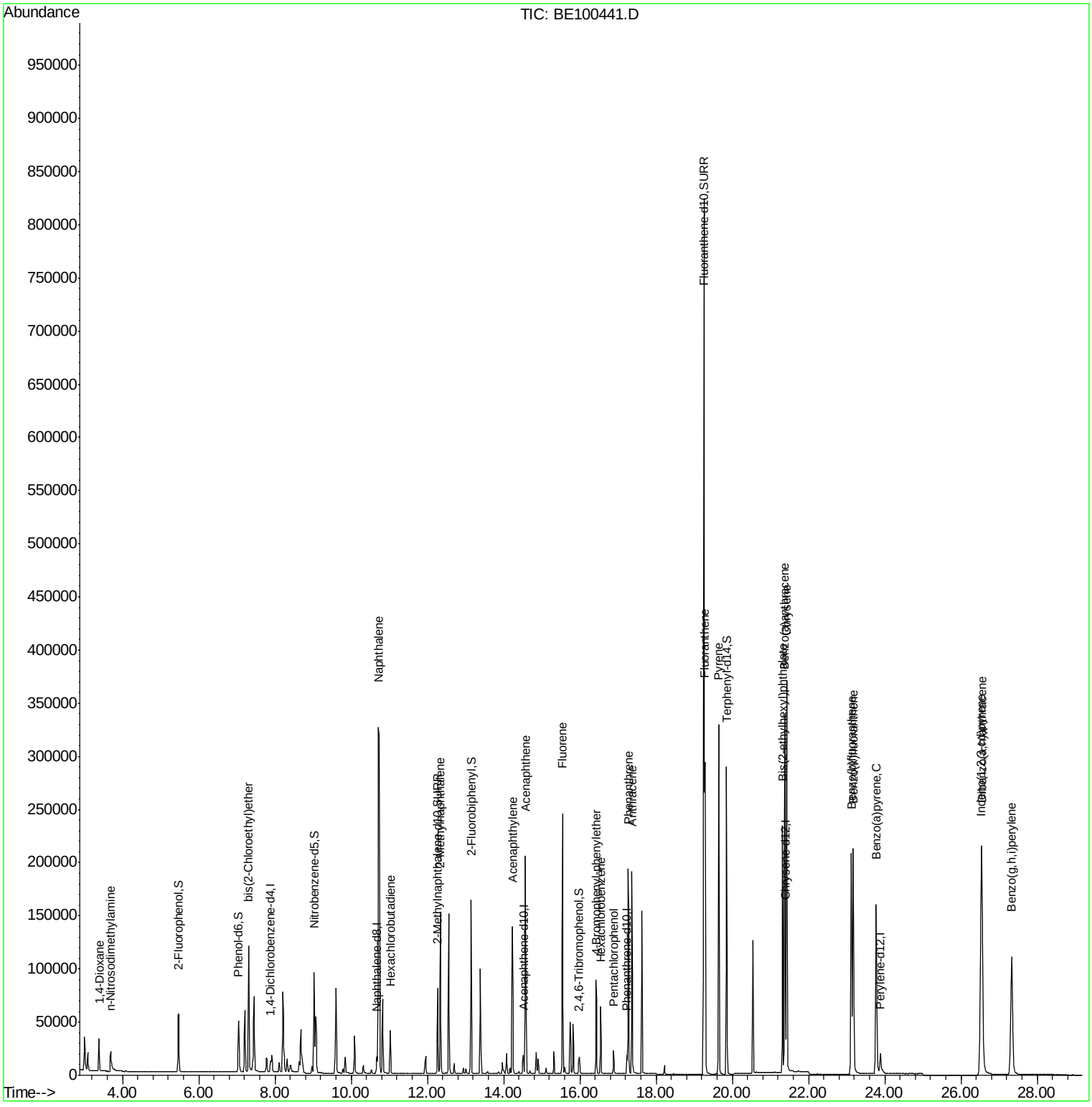
(#) = qualifier out of range (m) = manual integration (+) = signals summed

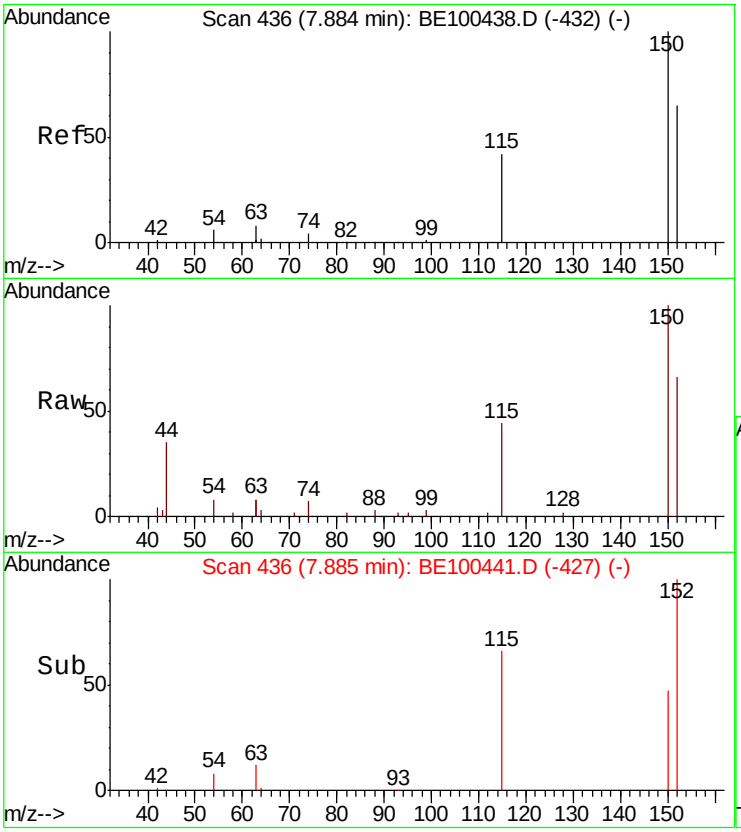
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100441.D
Acq On : 16 Jul 2019 11:34
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 16 12:59:19 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



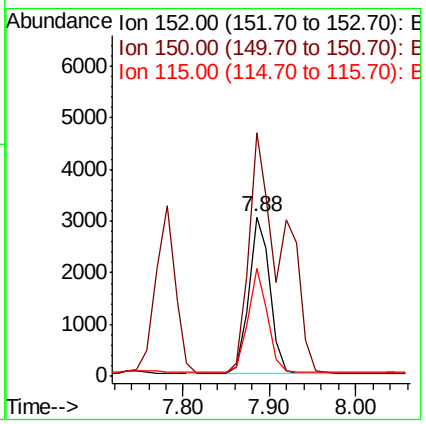


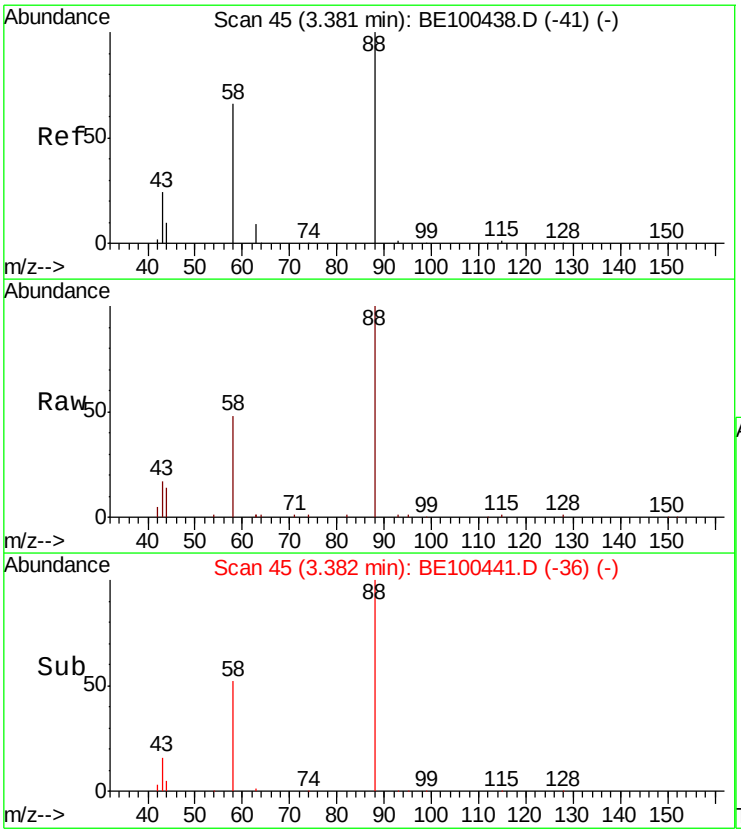
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5160

Ion	Ratio	Lower	Upper
152	100		
150	152.5	121.7	182.5
115	67.7	52.4	78.6

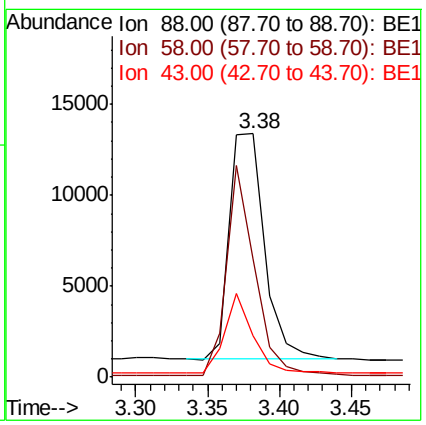


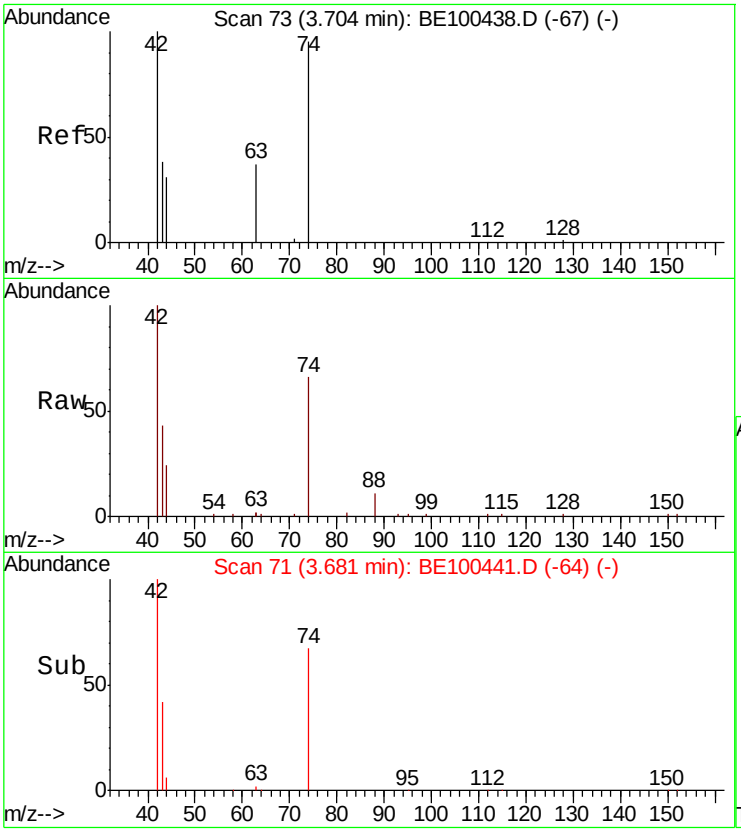


#2
1,4-Dioxane
Concen: 2.840 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion: 88 Resp: 21094

Ion	Ratio	Lower	Upper
88	100		
58	75.3	57.8	86.8
43	28.5	25.0	37.6



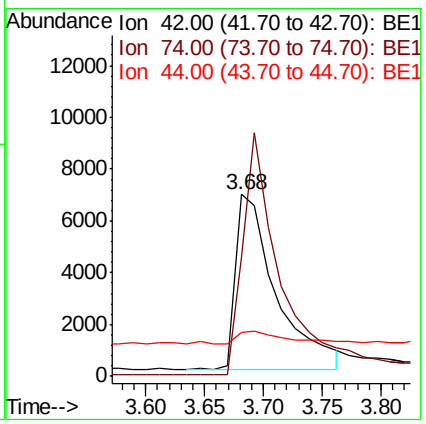


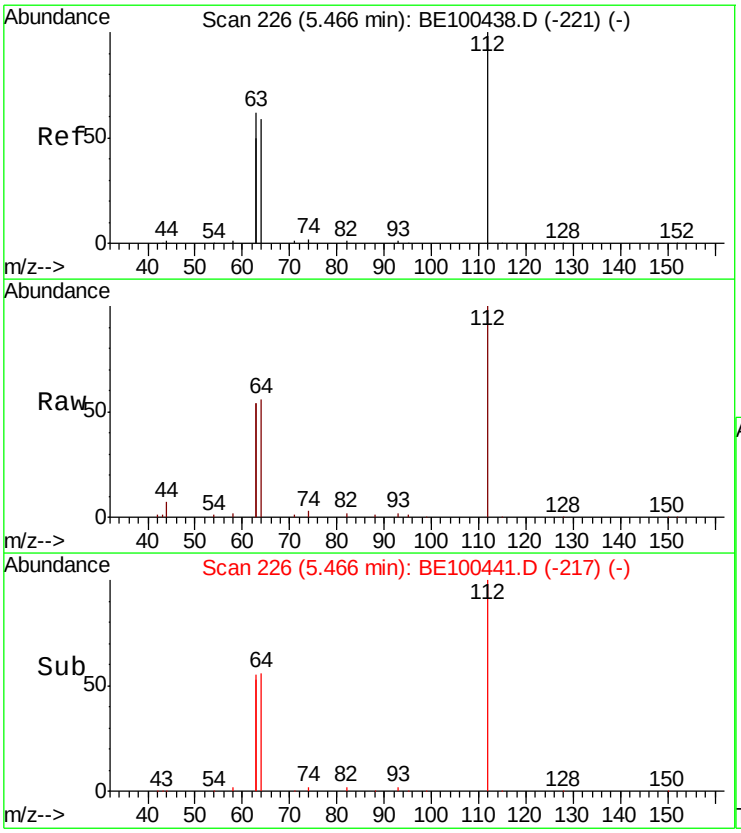
#3
n-Nitrosodimethylamine
Concen: 3.562 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.02 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 16223

Ion	Ratio	Lower	Upper
42	100		
74	123.9	85.3	127.9
44	8.1	21.8	32.8#

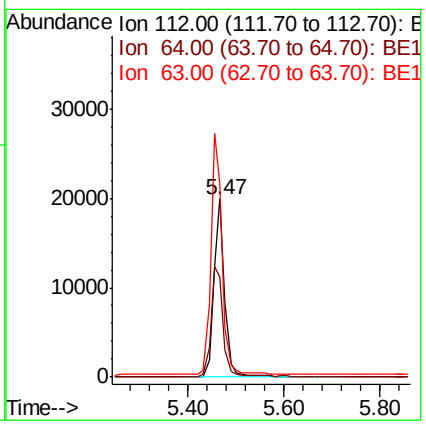


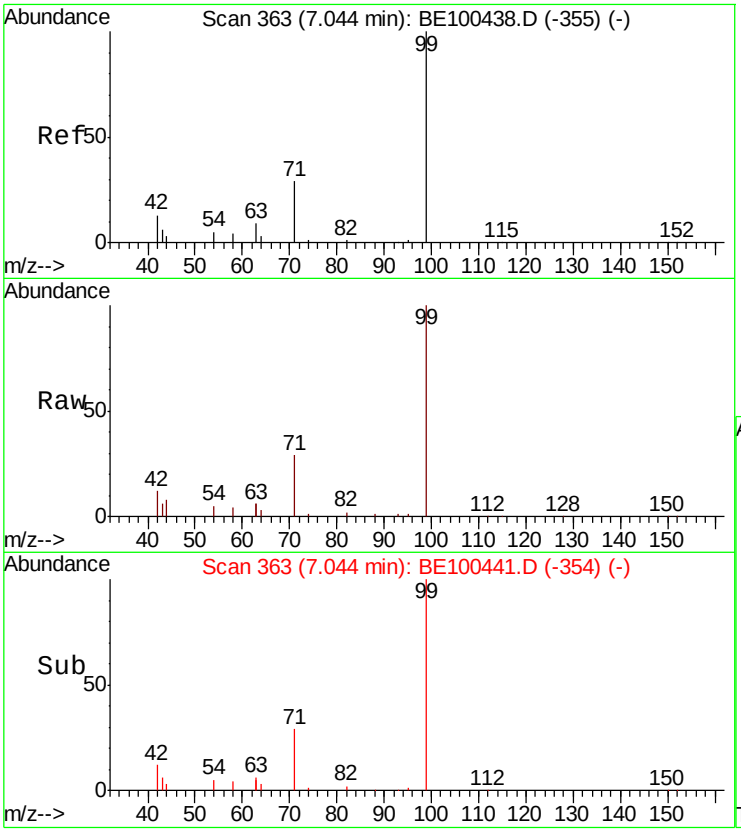


#4
2-Fluorophenol
Concen: 3.009 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:112 Resp: 31530

Ion	Ratio	Lower	Upper
112	100		
64	69.3	55.0	82.4
63	143.0	114.8	172.2



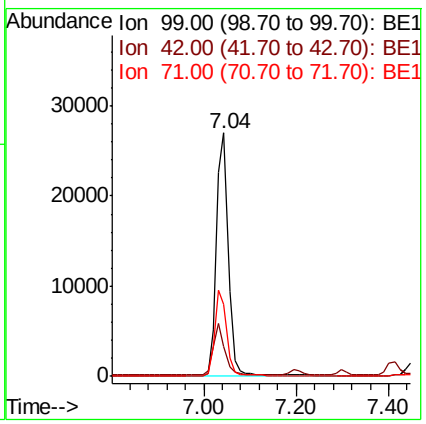


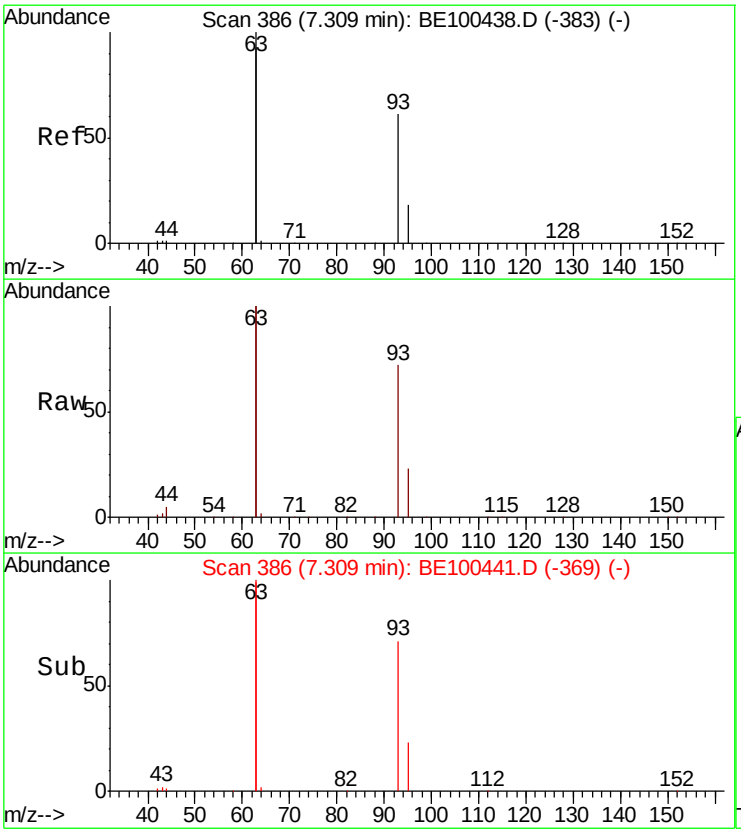
#5
Phenol-d6
Concen: 3.126 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 47305

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.4	26.2
71	35.2	28.2	42.4

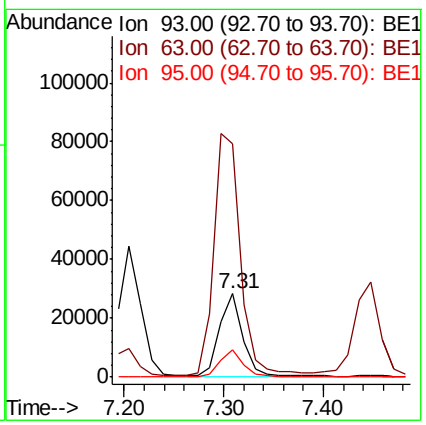


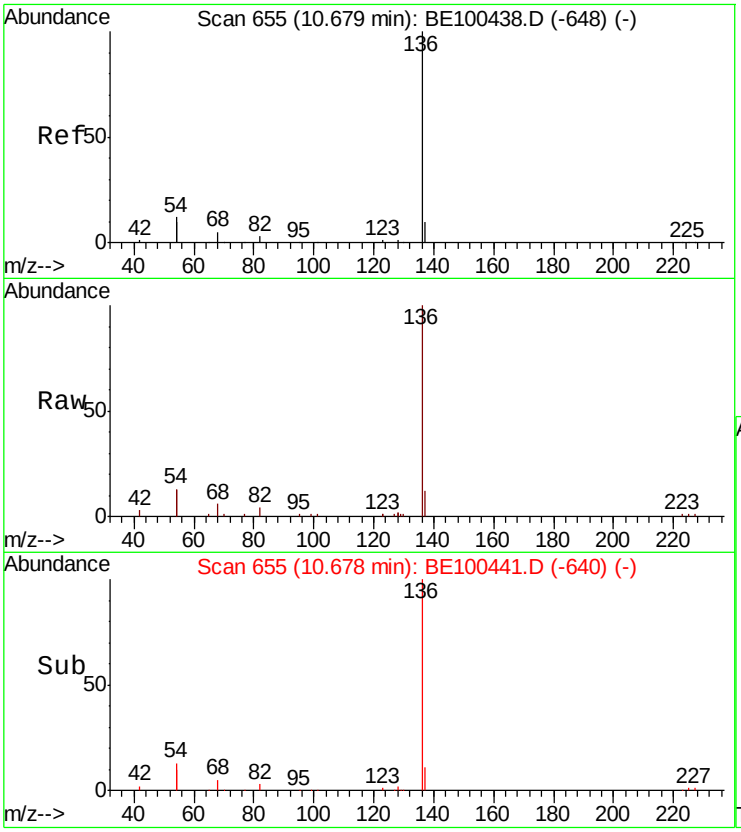


#6
bis(2-Chloroethyl)ether
Concen: 3.115 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion: 93 Resp: 45712

Ion	Ratio	Lower	Upper
93	100		
63	333.7	266.9	400.3
95	32.8	26.8	40.2



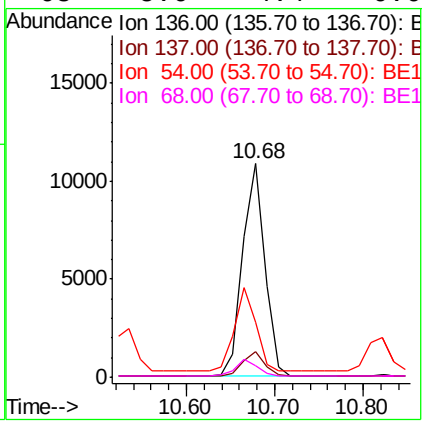


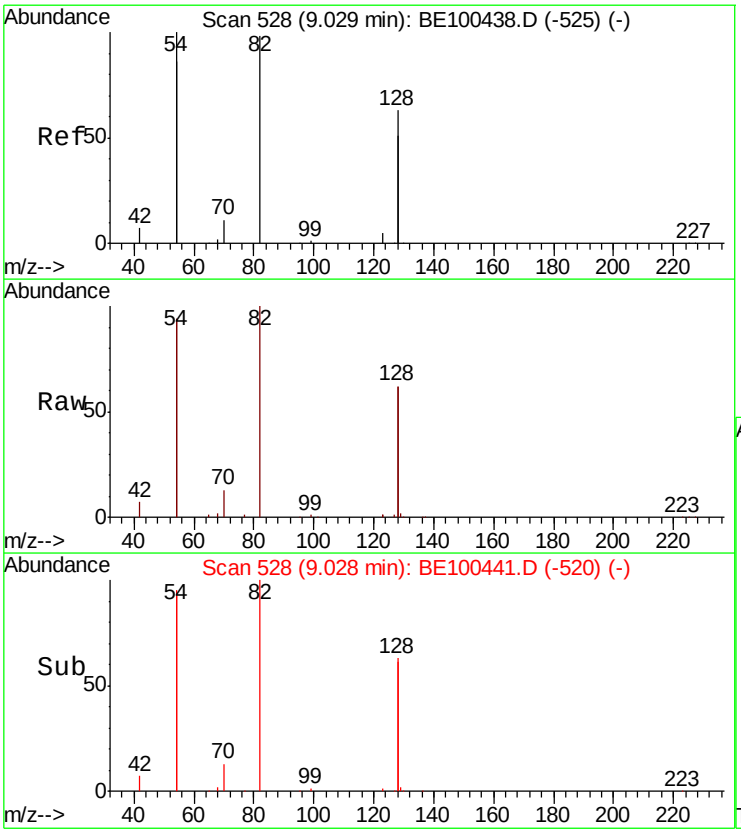
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 18894

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	25.5	19.6	29.4
68	5.6	4.4	6.6

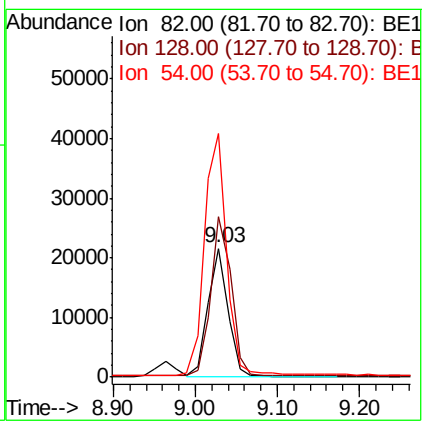


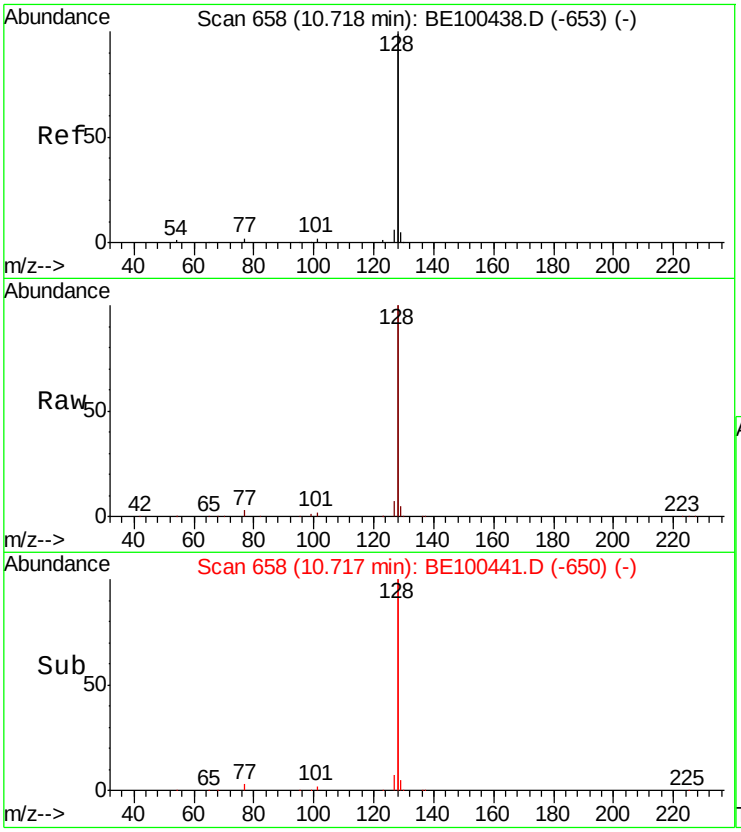


#8
Nitrobenzene-d5
Concen: 3.743 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion: 82 Resp: 36155

Ion	Ratio	Lower	Upper
82	100		
128	124.6	97.9	146.9
54	188.8	155.0	232.6



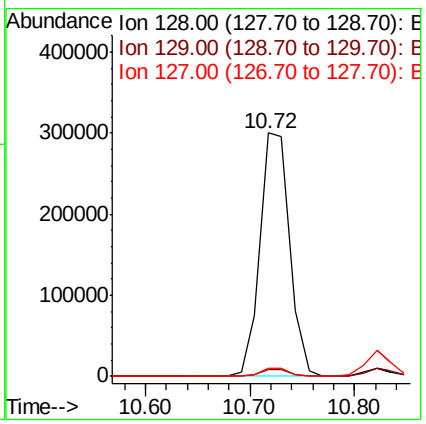


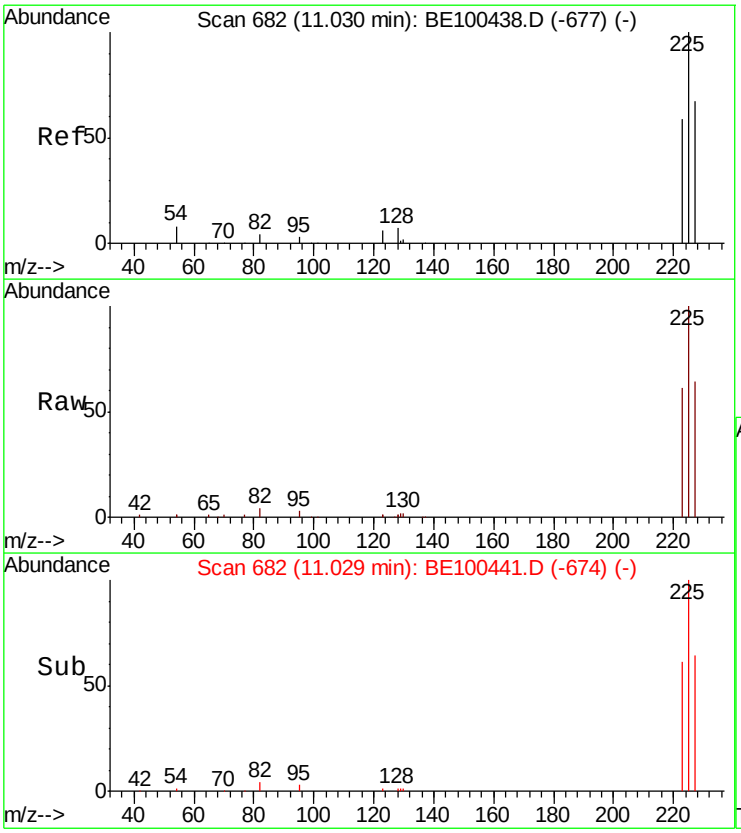
#9
Naphthalene
Concen: 3.229 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 594194

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

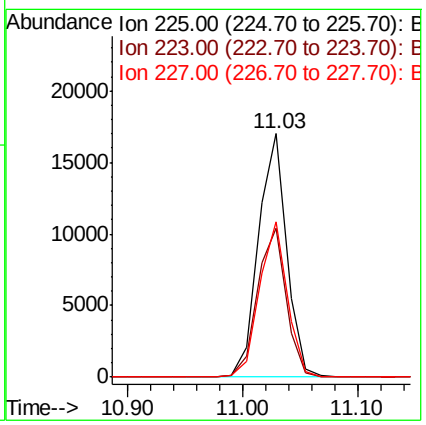


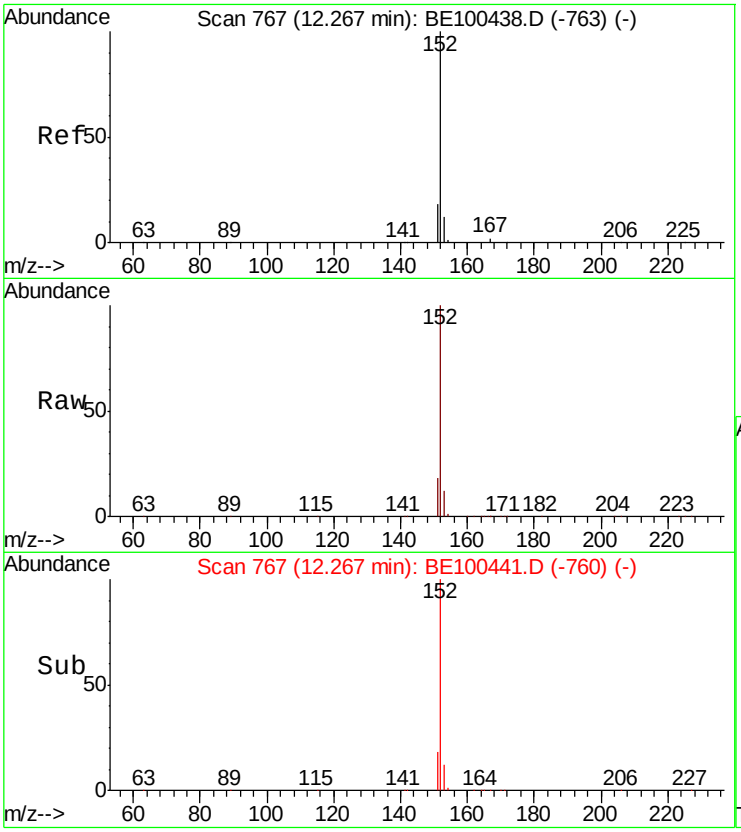


#10
Hexachlorobutadiene
Concen: 3.295 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:225 Resp: 28959

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.8
227	63.2	52.3	78.5



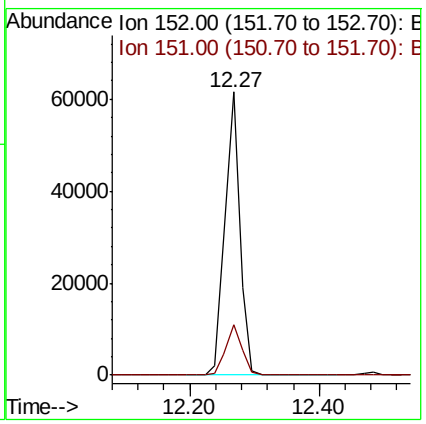


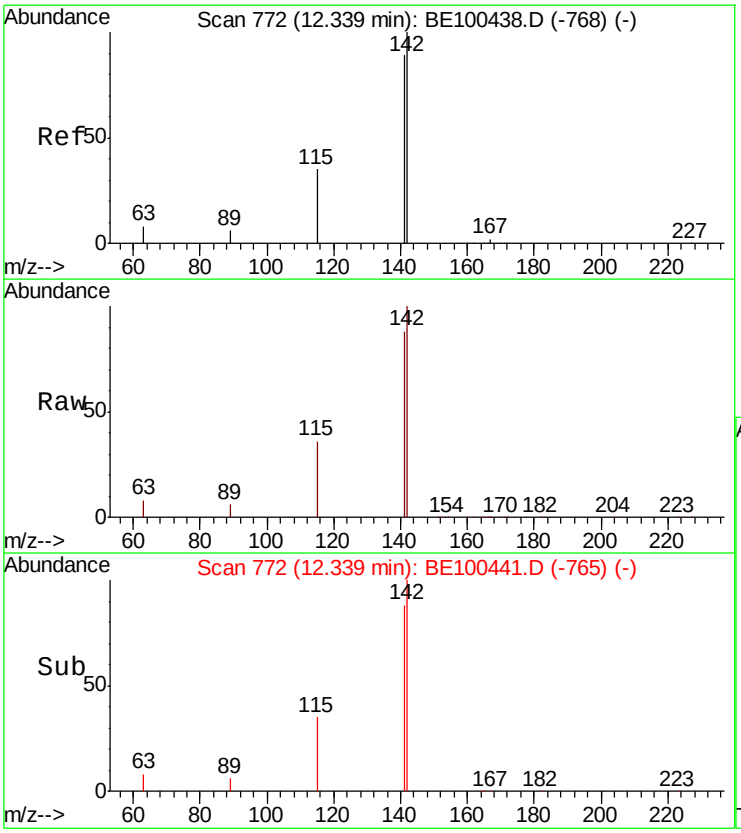
#11
2-Methylnaphthalene-d10
Concen: 2.355 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 98185

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.0	24.0

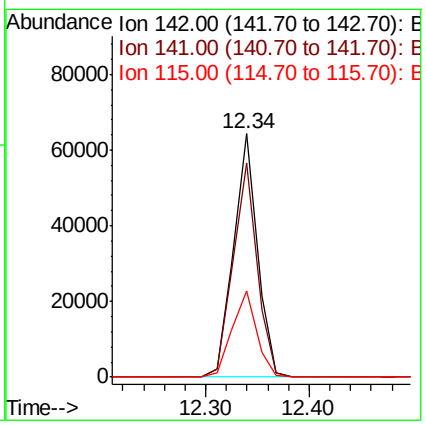


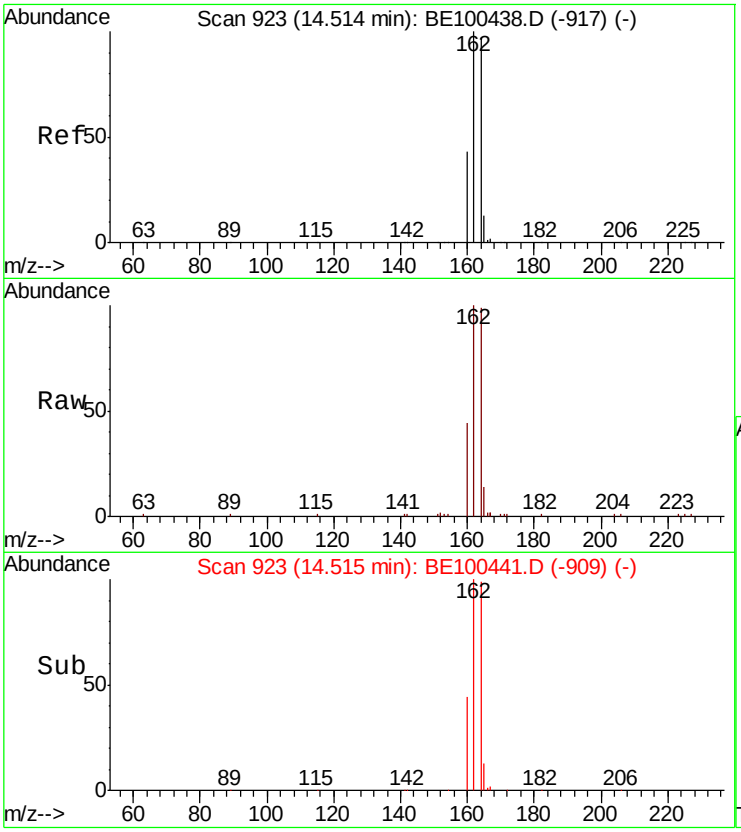


#12
2-Methylnaphthalene
Concen: 3.285 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:142 Resp: 101800

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.9	106.3
115	35.5	29.0	43.4



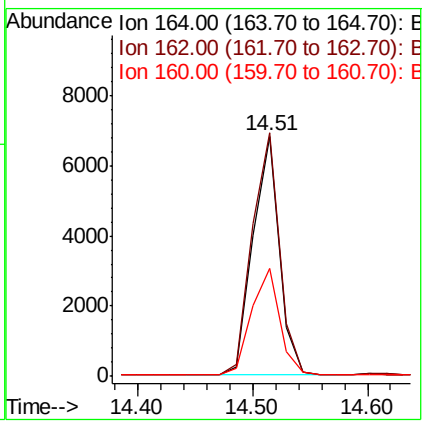


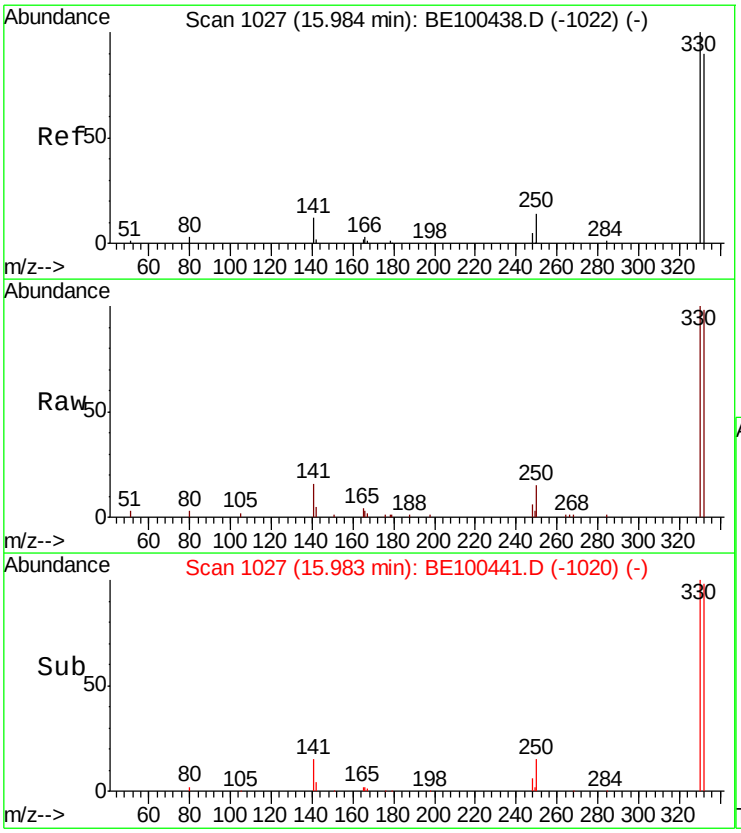
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10709

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	124.0
160	44.7	35.6	53.4

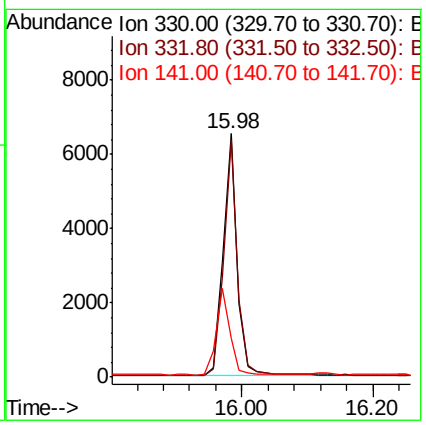


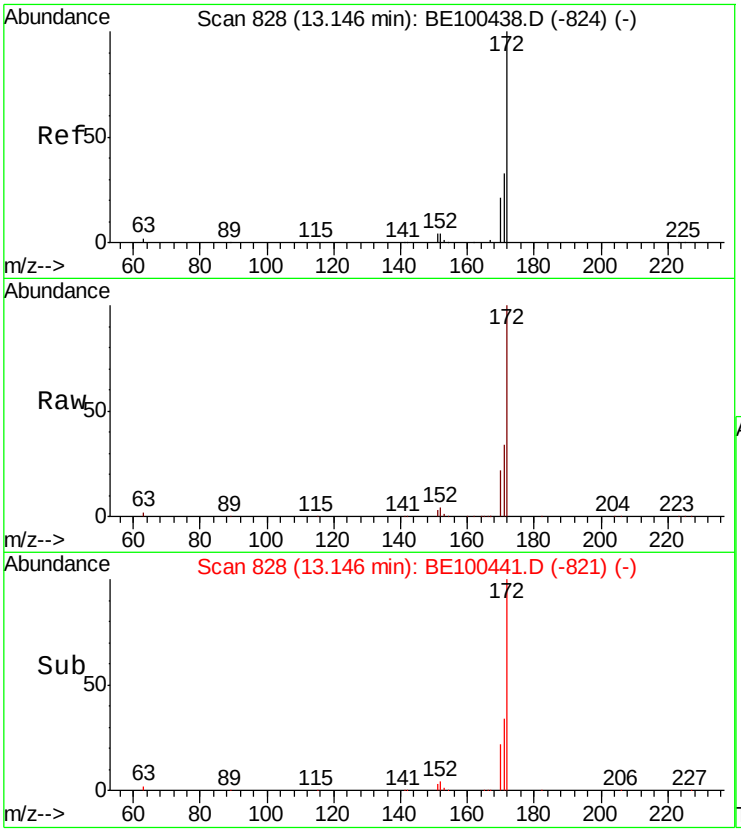


#14
2,4,6-Tribromophenol
Concen: 3.555 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:330 Resp: 9847

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.3	114.5
141	34.1	28.1	42.1



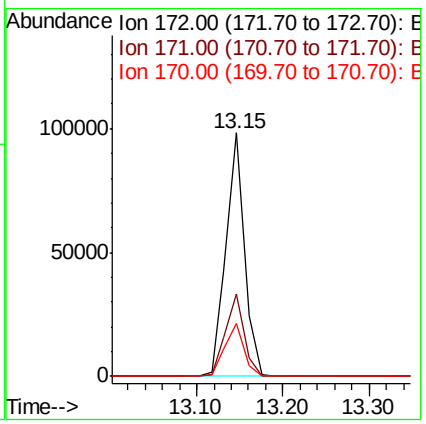


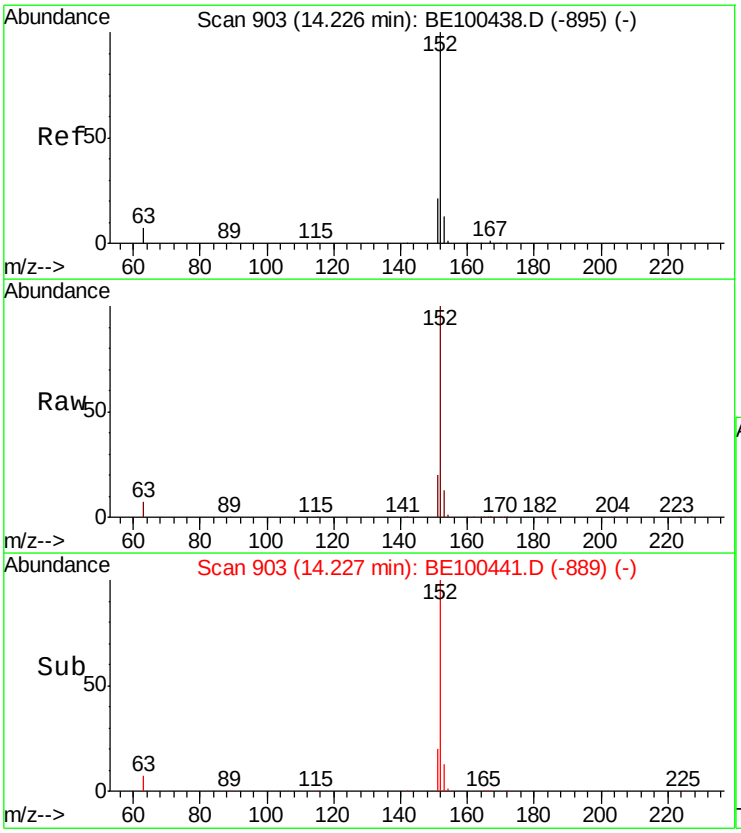
#15
2-Fluorobiphenyl
Concen: 3.063 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 145403

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.0	40.4
170	21.6	17.4	26.0

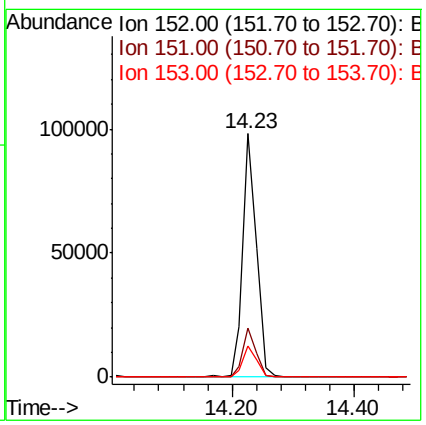


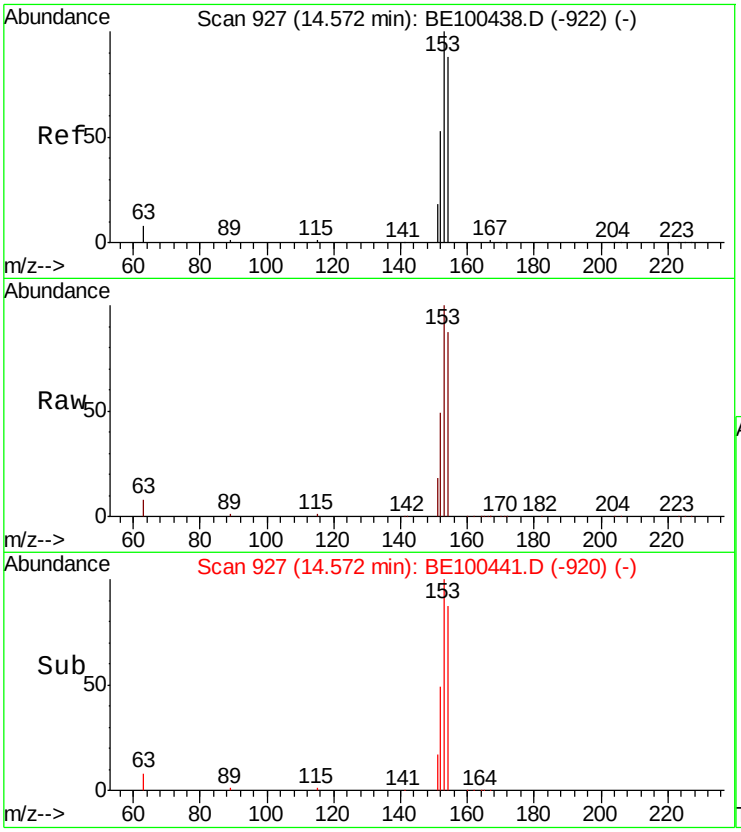


#16
Acenaphthylene
Concen: 3.453 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:152 Resp: 153326

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.0	10.4	15.6



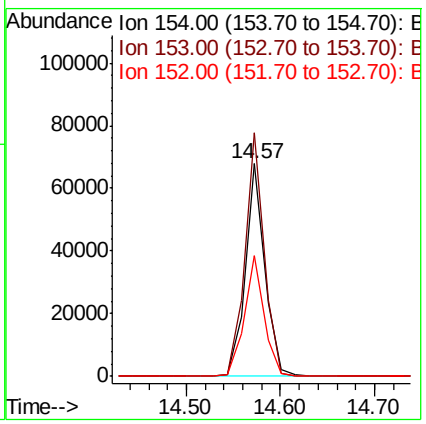


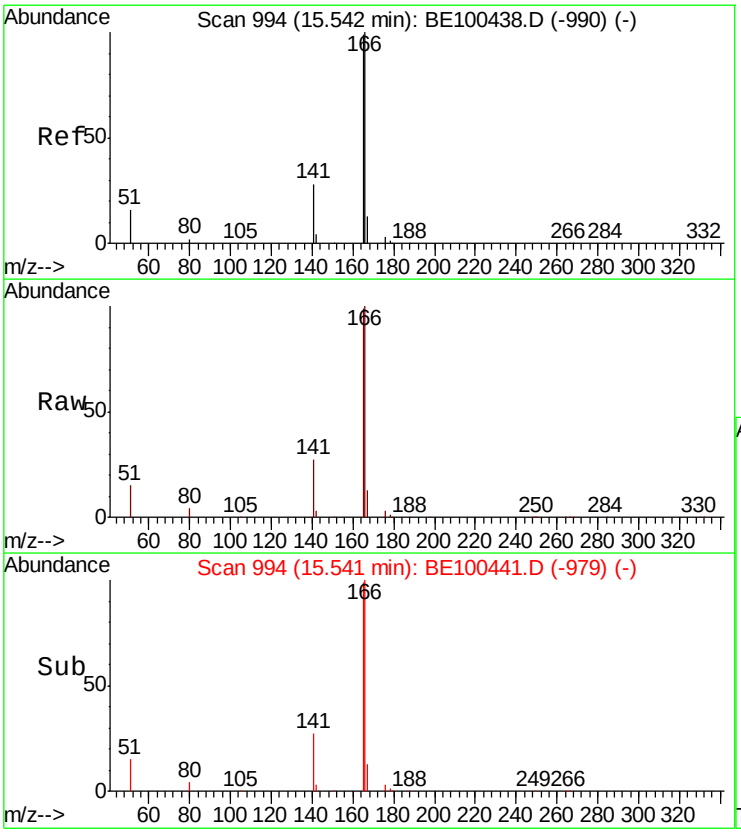
#17
Acenaphthene
Concen: 3.232 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 97821

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.0	136.4
152	56.9	49.4	74.2

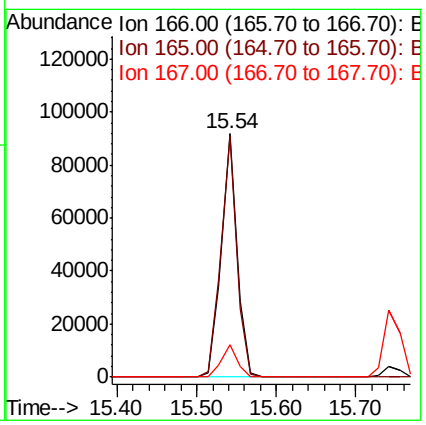


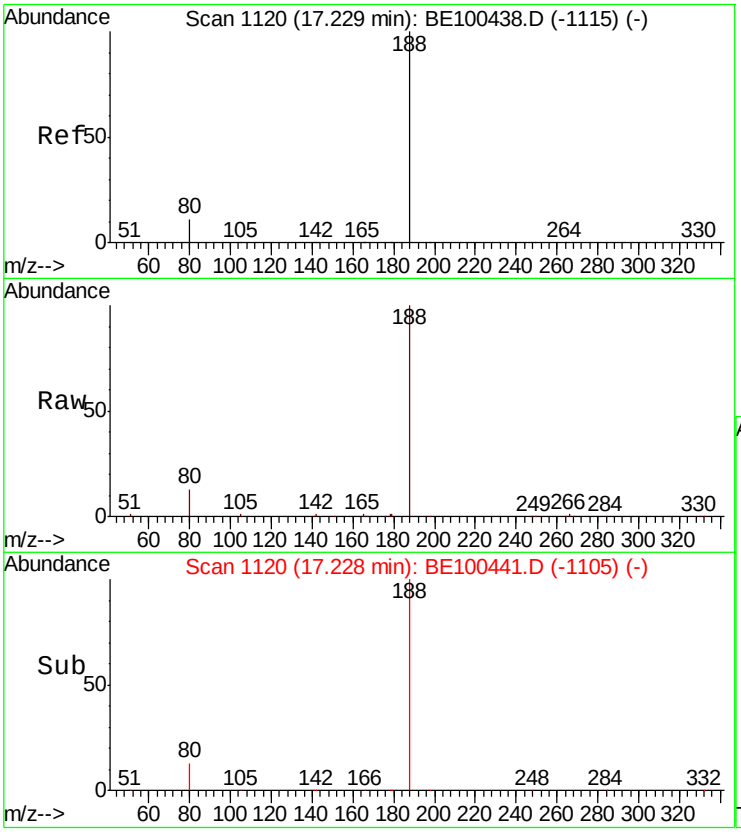


#18
Fluorene
Concen: 3.268 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:166 Resp: 126904

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.6	119.4
167	13.4	10.6	15.8



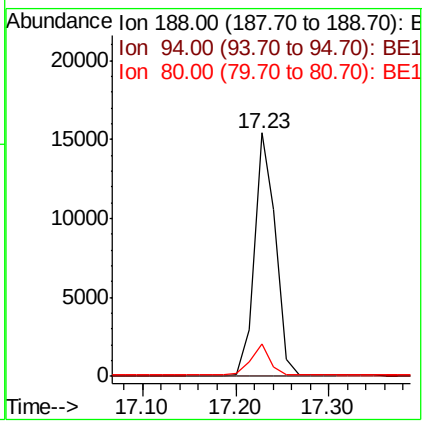


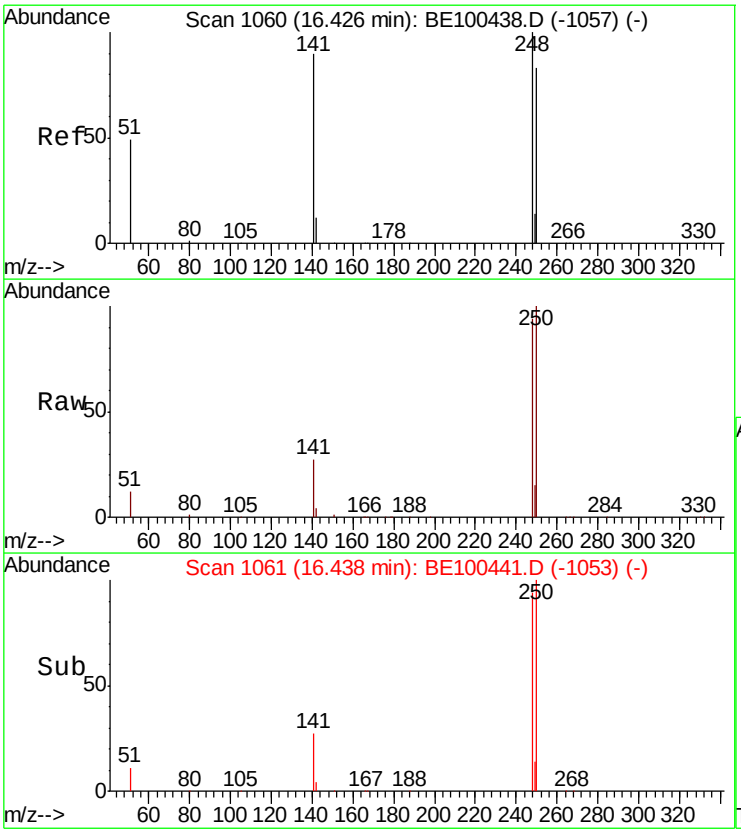
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 24150

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.4	9.2	13.8

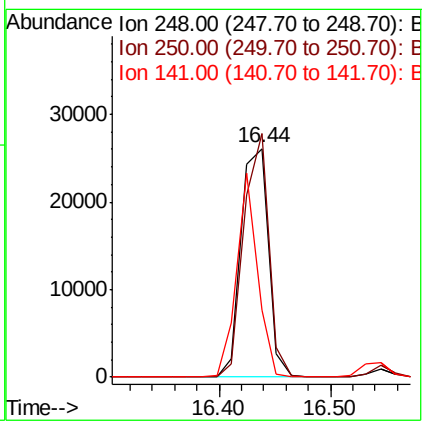


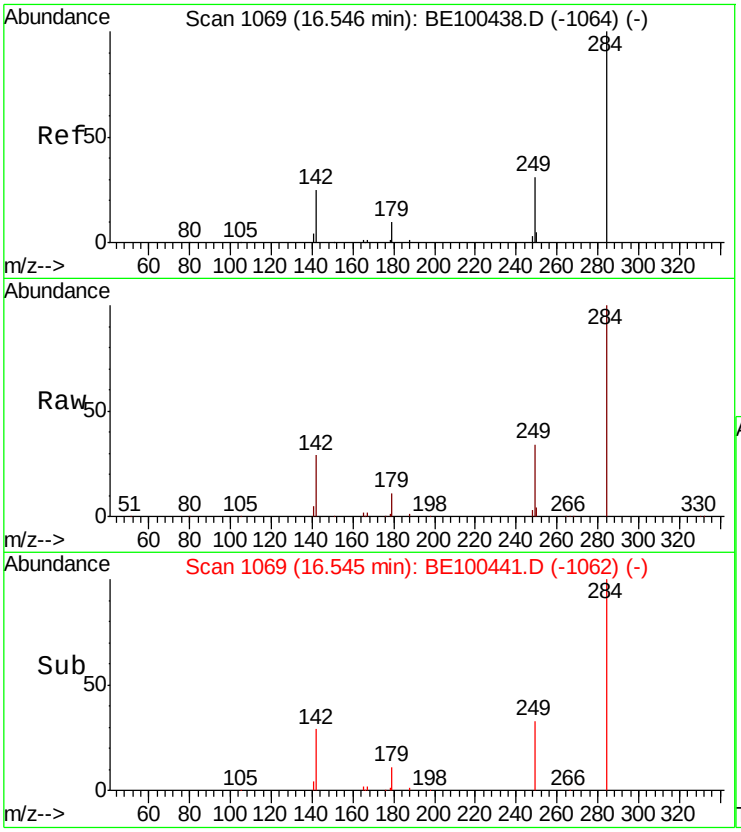


#20
4-Bromophenyl-phenylether
Concen: 3.585 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:248 Resp: 44292

Ion	Ratio	Lower	Upper
248	100		
250	106.5	67.1	100.7#
141	29.1	72.2	108.2#



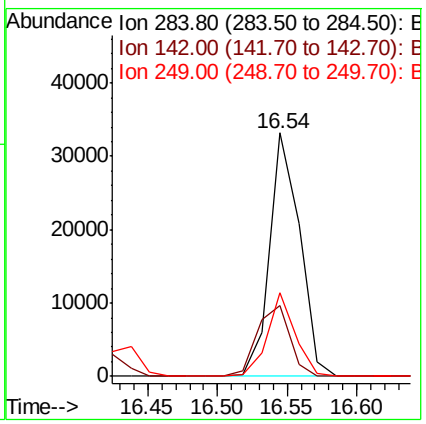


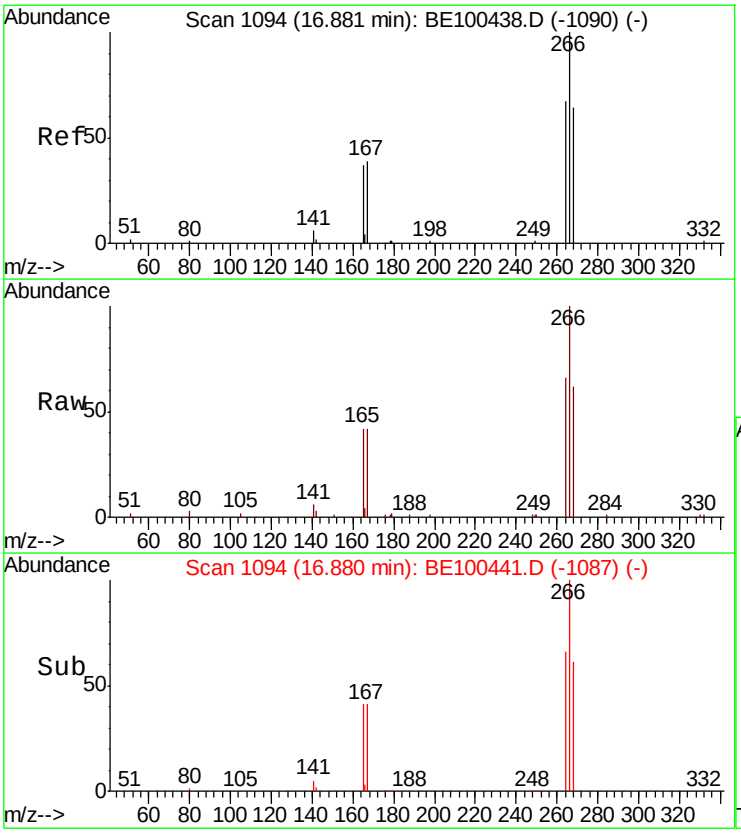
#21
Hexachlorobenzene
Concen: 3.513 ng
RT: 16.54 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 49698

Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.6	38.4
249	31.2	25.1	37.7

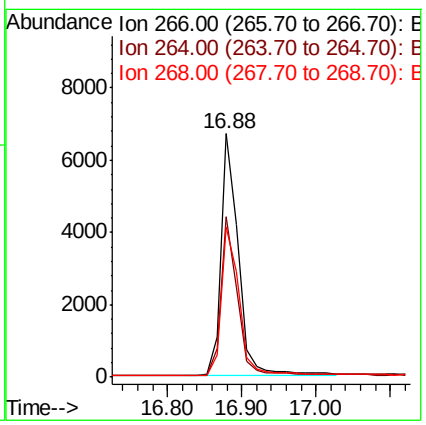


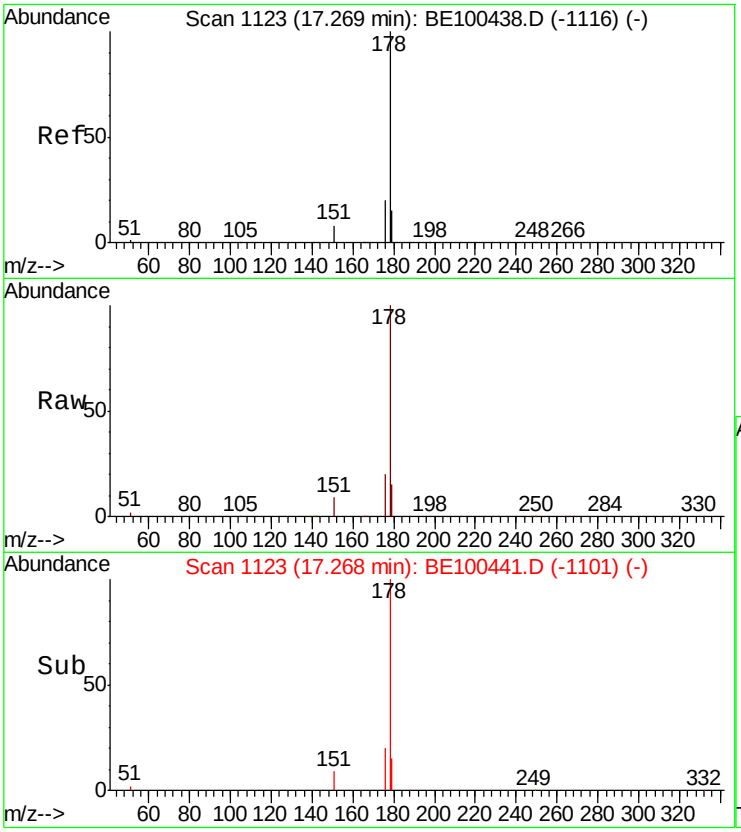


#22
Pentachlorophenol
Concen: 3.896 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:266 Resp: 10848

Ion	Ratio	Lower	Upper
266	100		
264	66.1	56.2	84.2
268	61.5	54.9	82.3



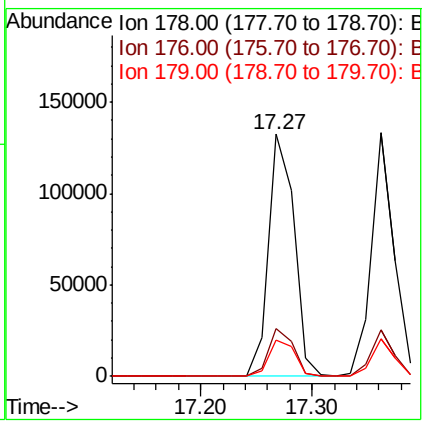


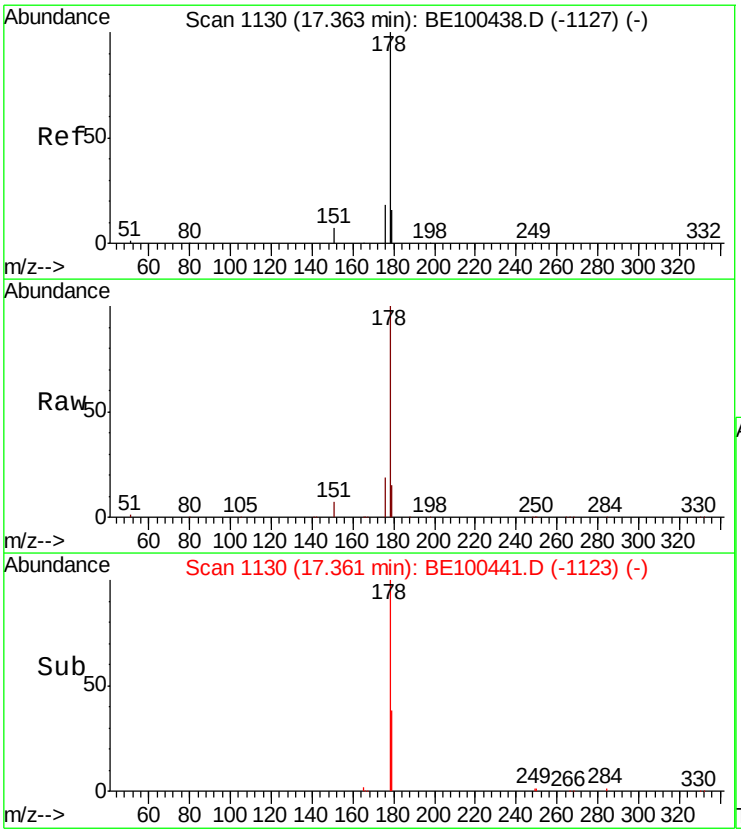
#23
Phenanthrene
Concen: 3.405 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 213623

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.4	18.6

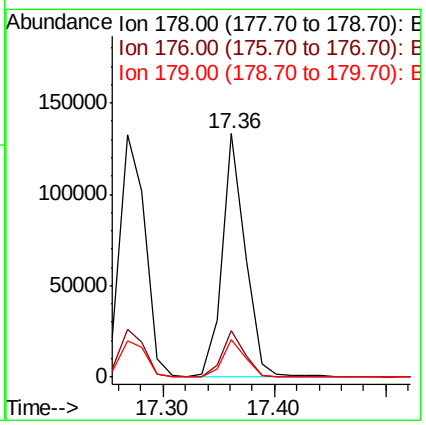


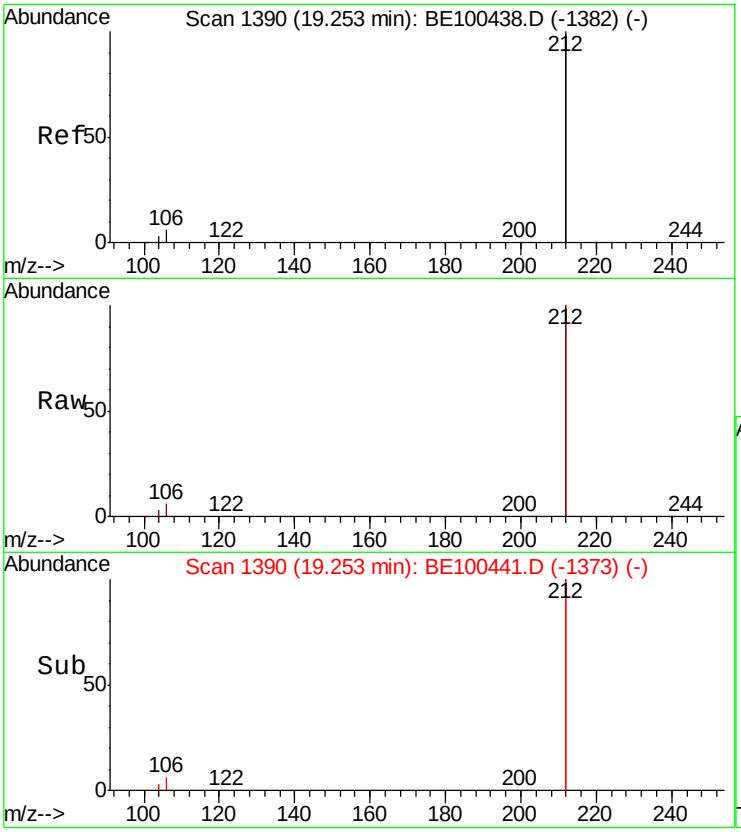


#24
Anthracene
Concen: 3.593 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:178 Resp: 191095

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.3	12.3	18.5



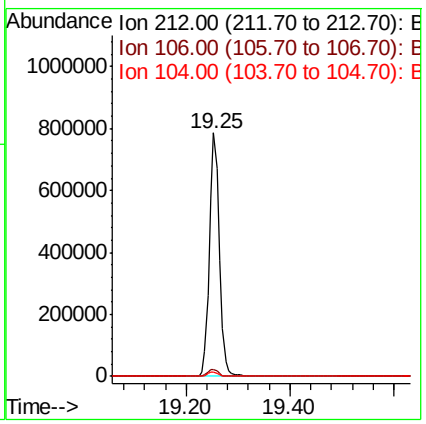


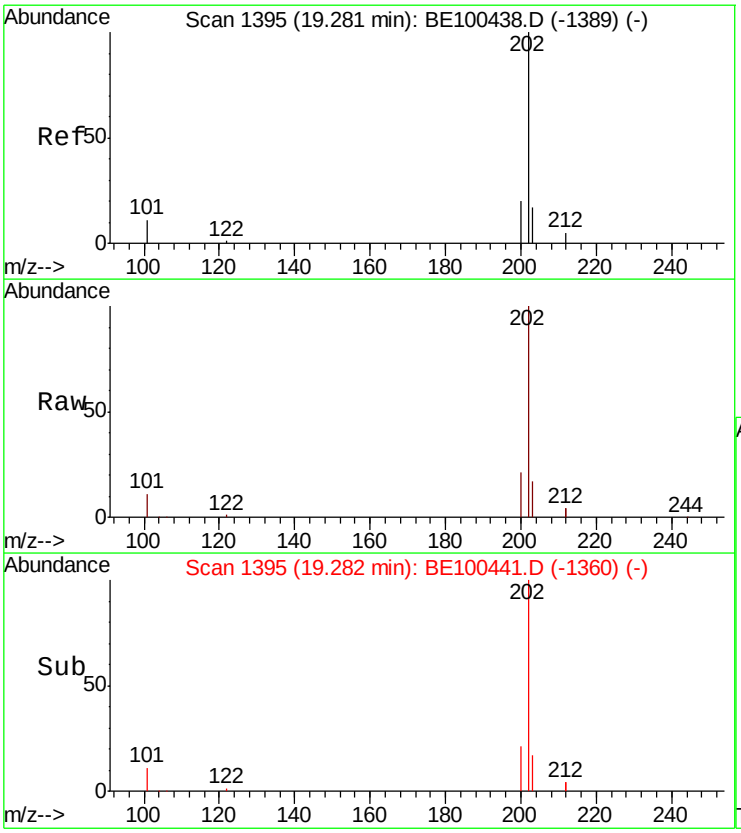
#25
Fluoranthene-d10
Concen: 2.445 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1044004

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.6	3.8
104	1.7	1.4	2.2

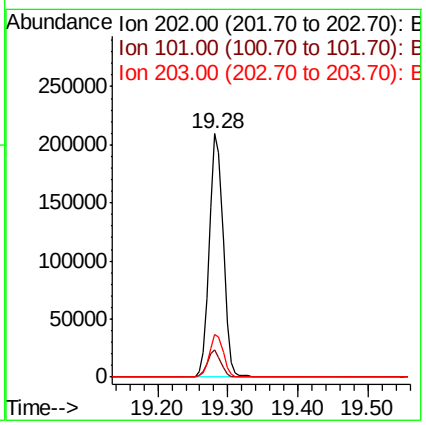


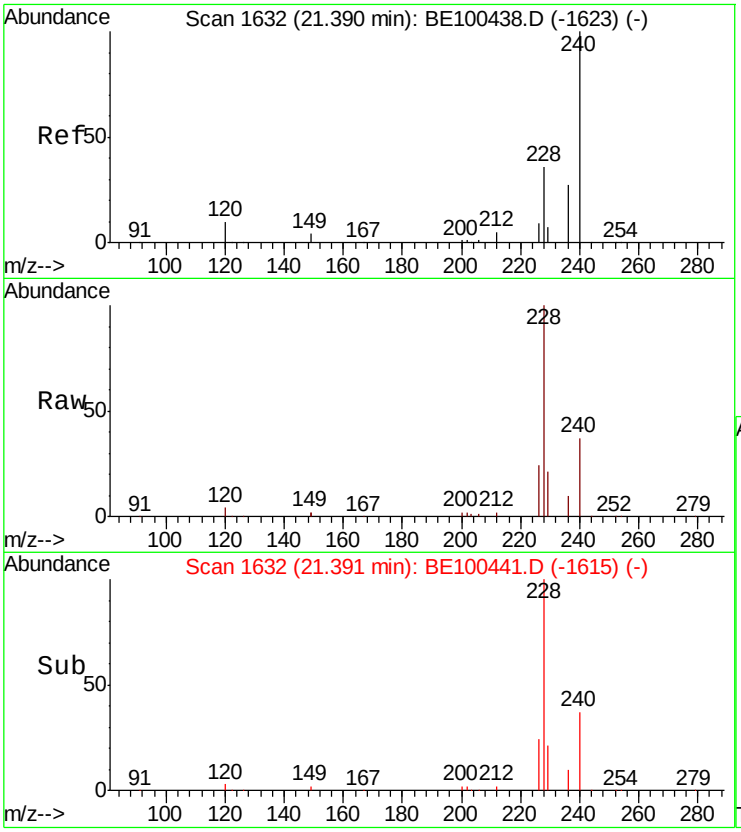


#26
Fluoranthene
Concen: 3.522 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:202 Resp: 285967

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.5	13.8	20.6



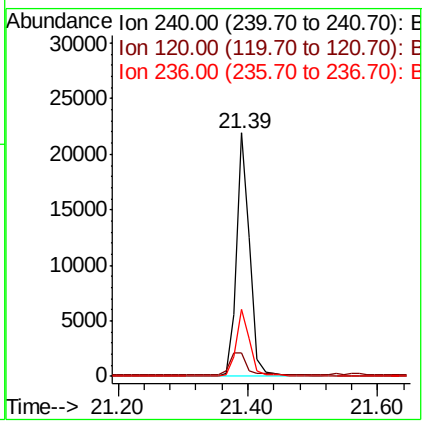


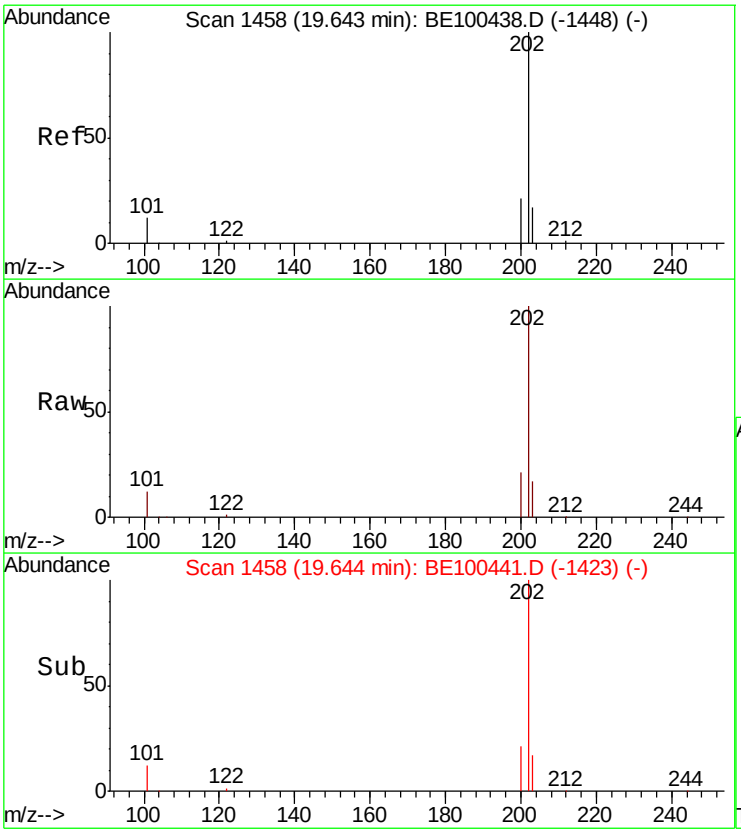
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 30954

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.8	13.2
236	27.6	22.0	33.0

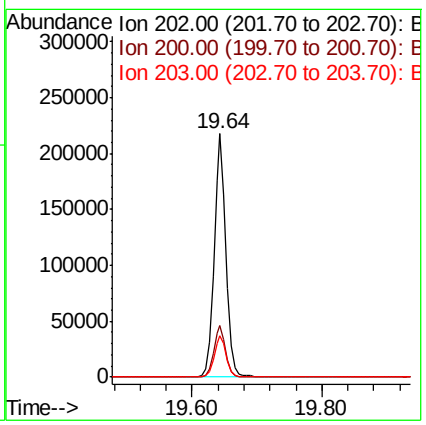


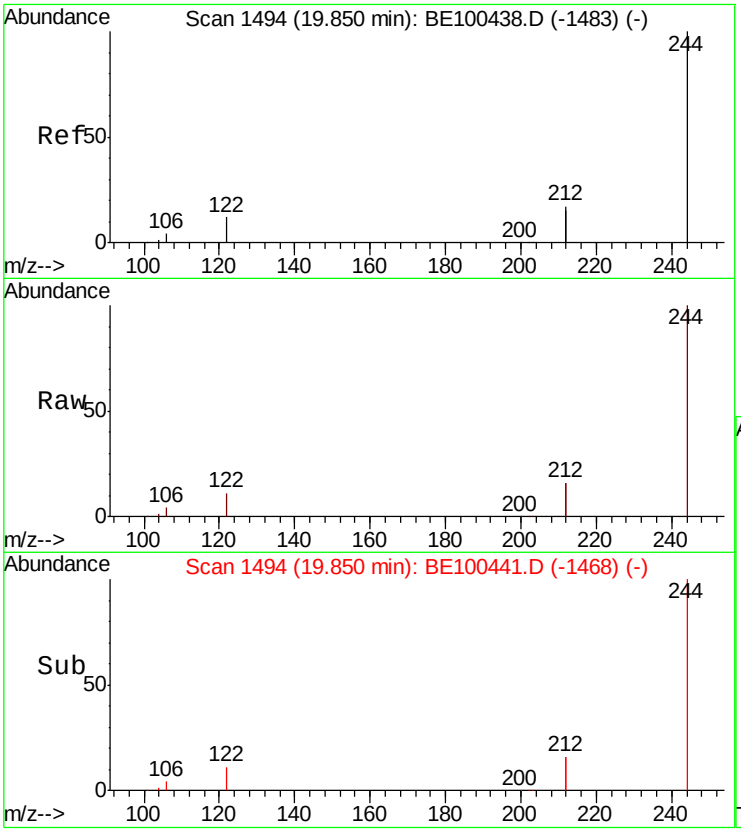


#28
Pyrene
Concen: 3.099 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:202 Resp: 280535

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	17.5	13.8	20.8



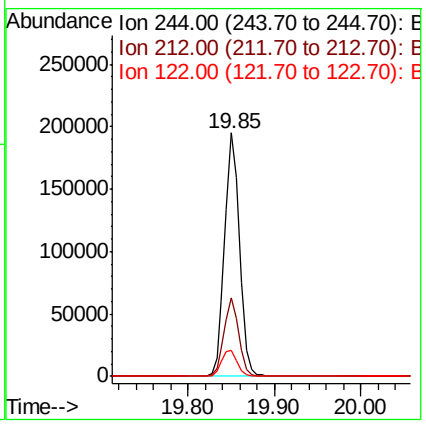


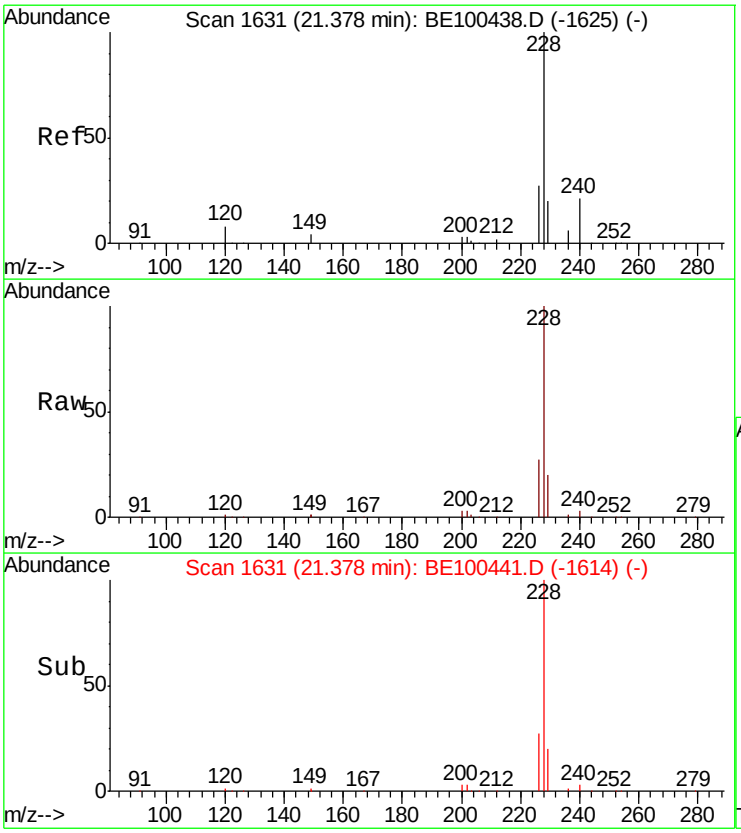
#29
Terphenyl-d14
Concen: 3.082 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 231766

Ion	Ratio	Lower	Upper
244	100		
212	32.5	26.3	39.5
122	10.7	9.4	14.2

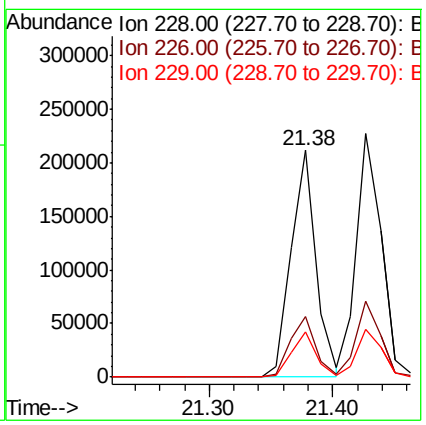


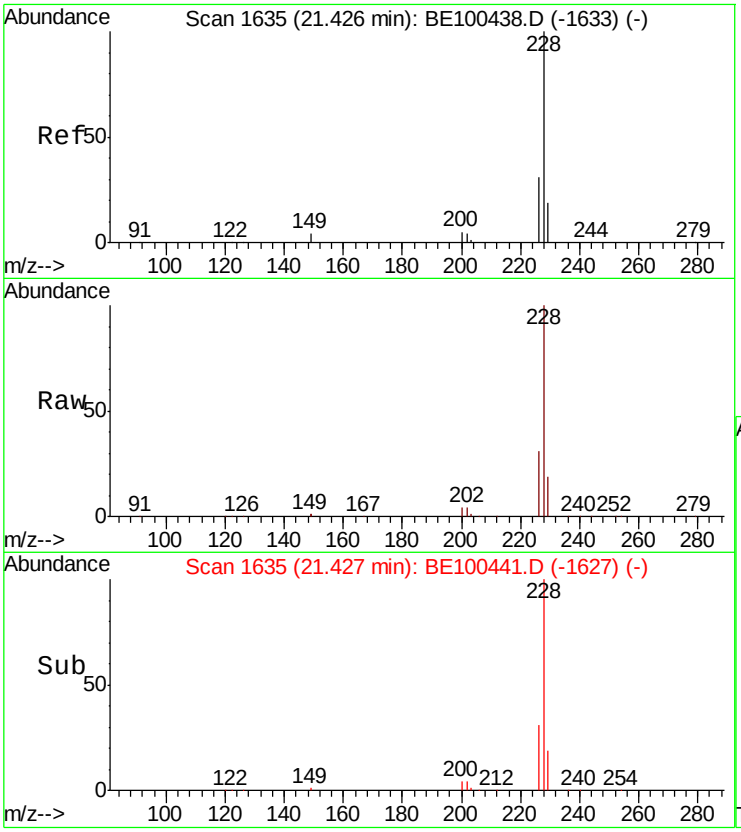


#30
Benzo(a)anthracene
Concen: 3.508 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:228 Resp: 297833

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	20.1	15.8	23.8



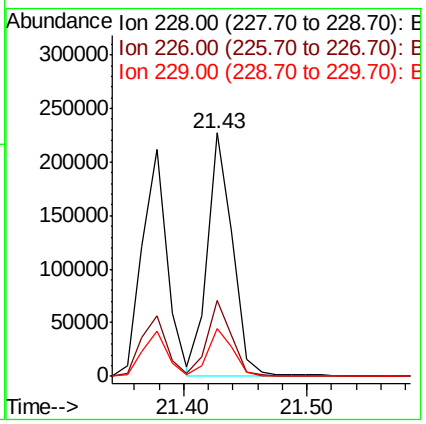


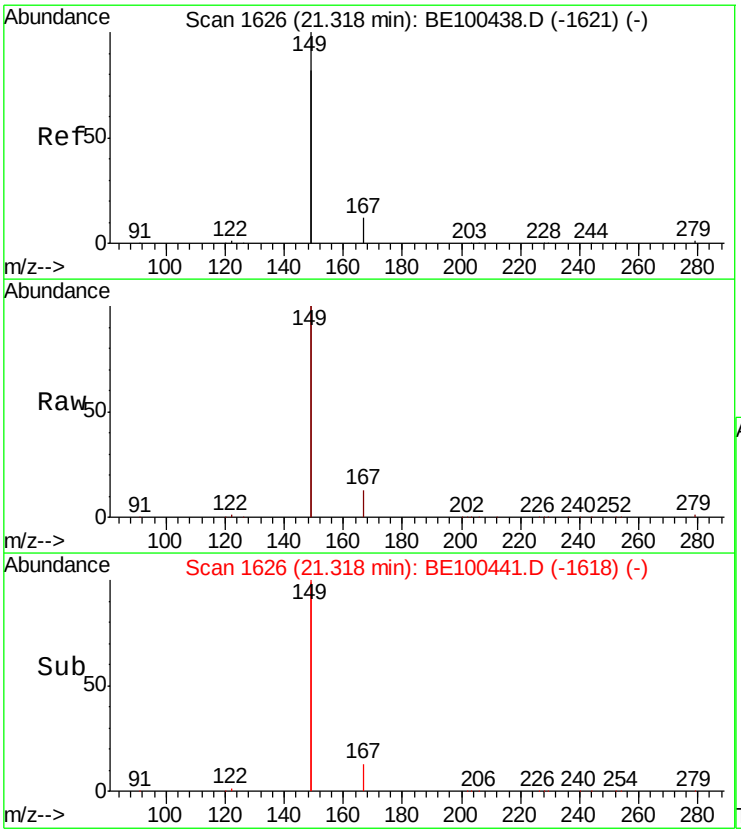
#31
Chrysene
Concen: 3.195 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 318557

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	19.4	15.8	23.6

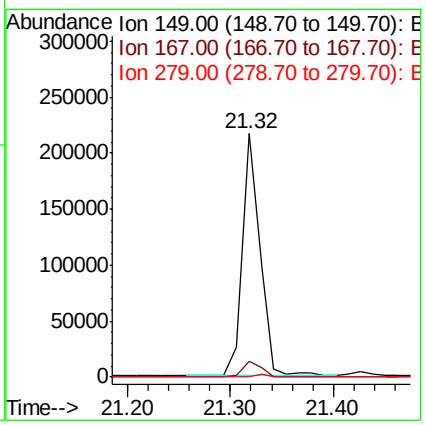


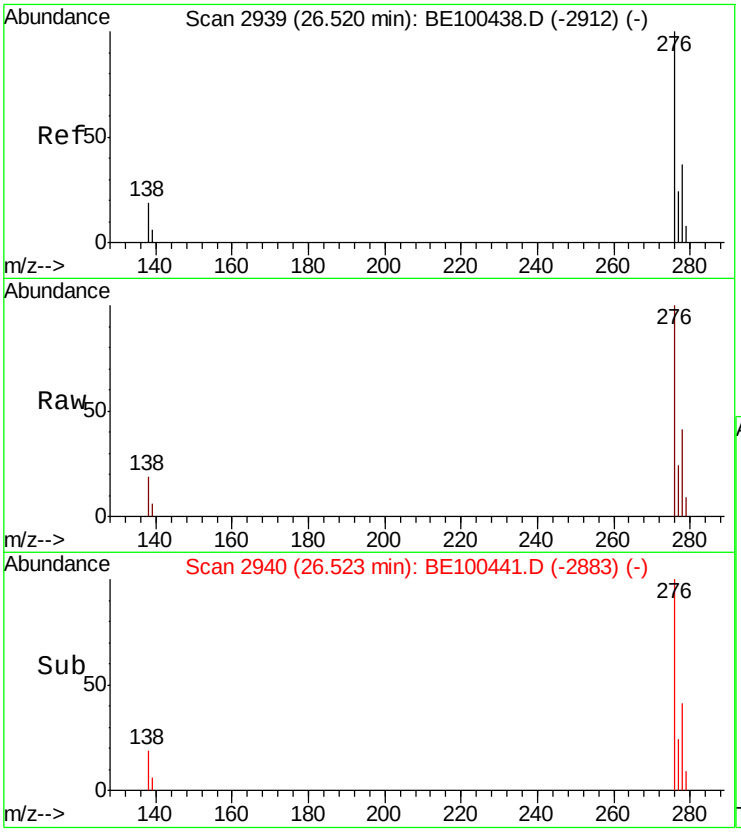


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.978 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:149 Resp: 258087

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.0	7.6
279	0.9	1.2	1.8#



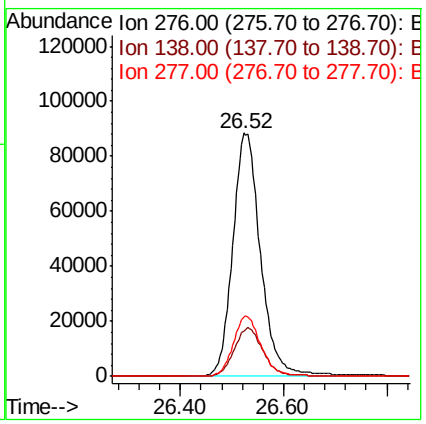


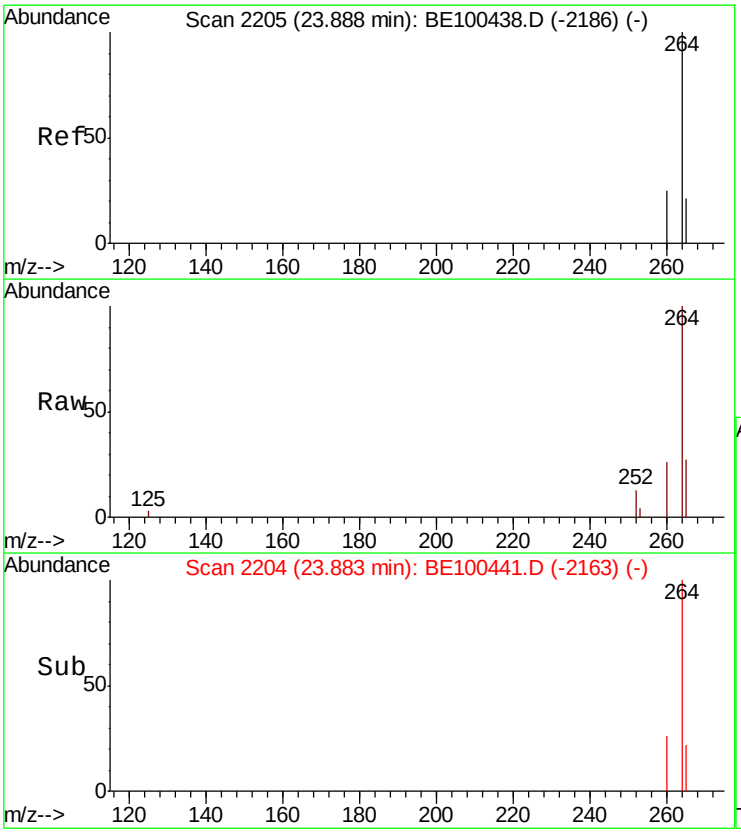
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.642 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 328711

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.0	25.6
277	24.9	19.8	29.6

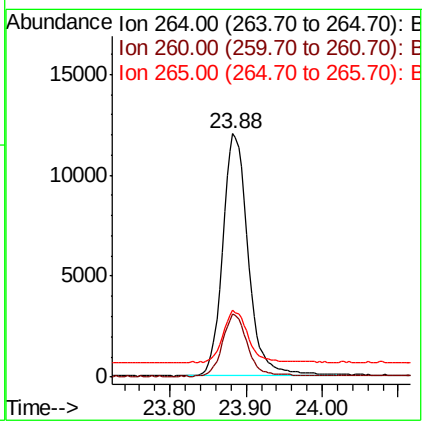


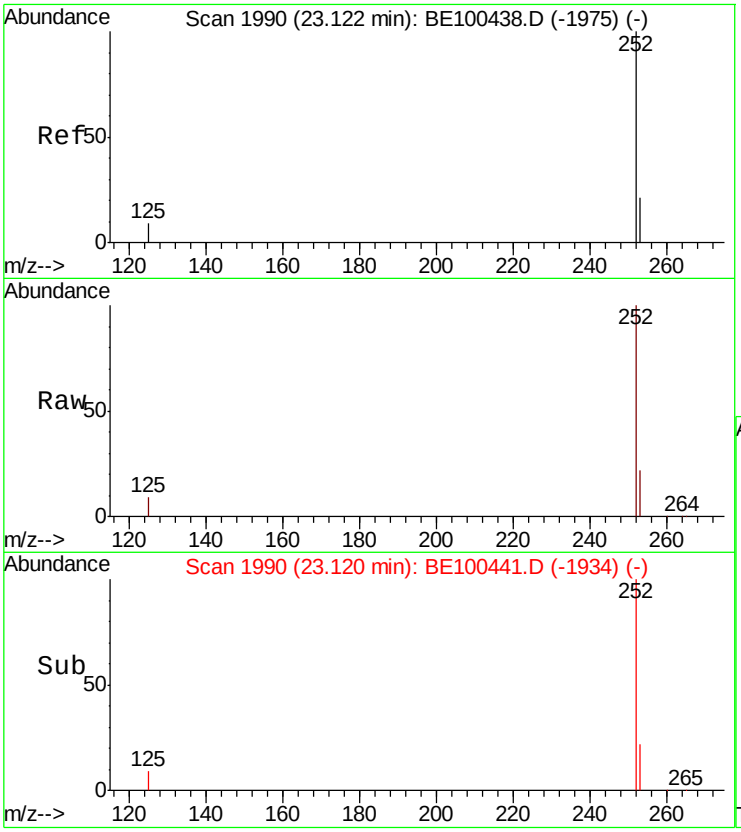


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:264 Resp: 28055

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.0	30.0
265	27.3	22.2	33.4



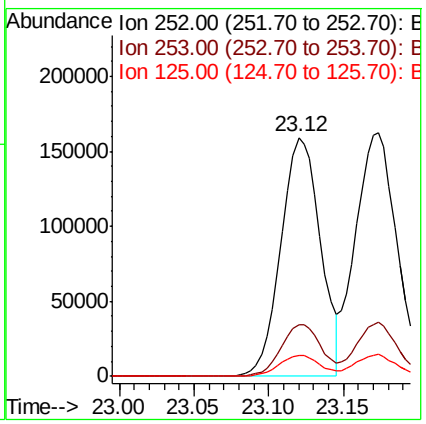


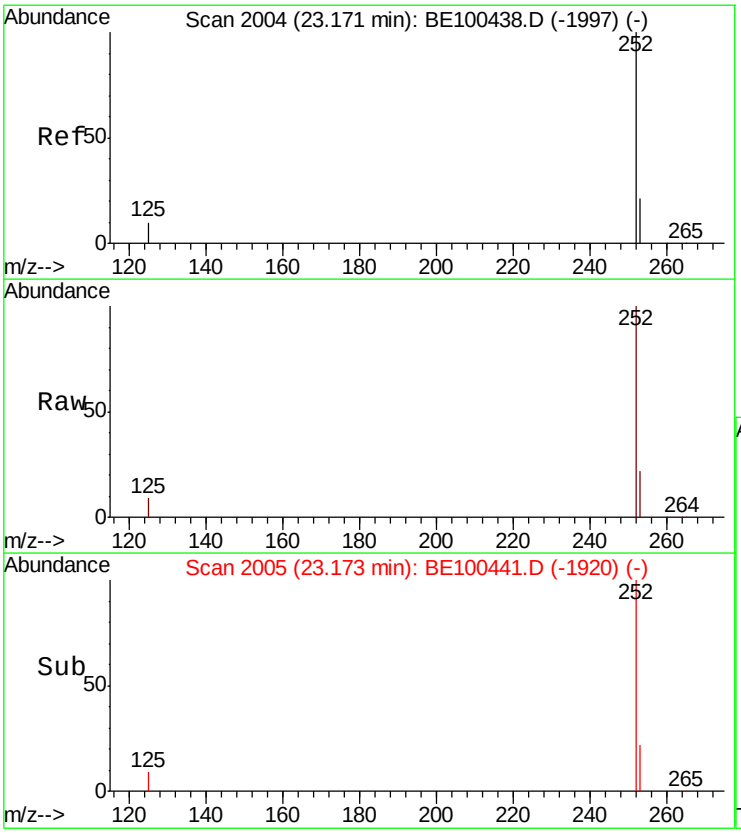
#35
Benzo(b)fluoranthene
Concen: 3.325 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 292917

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.9	8.0	12.0

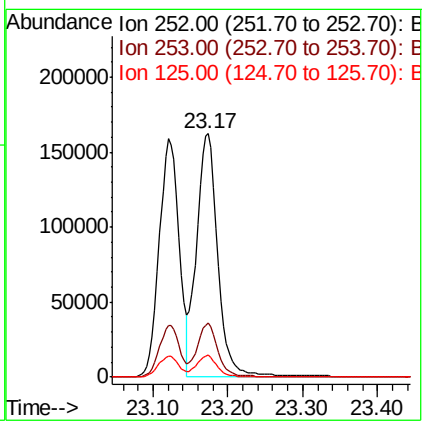


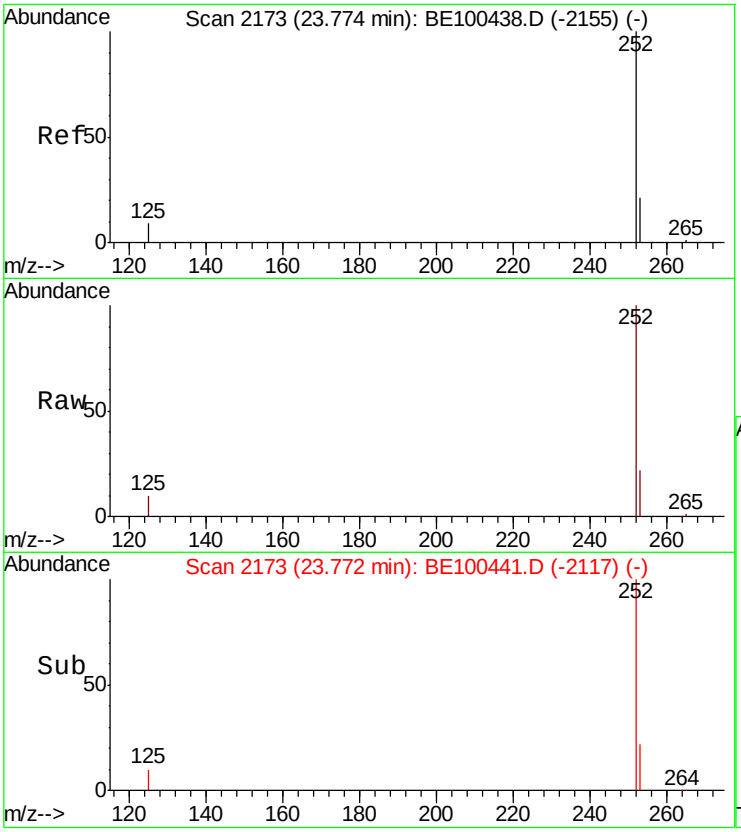


#36
Benzo(k)fluoranthene
Concen: 3.493 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:252 Resp: 322048

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	8.9	8.3	12.5



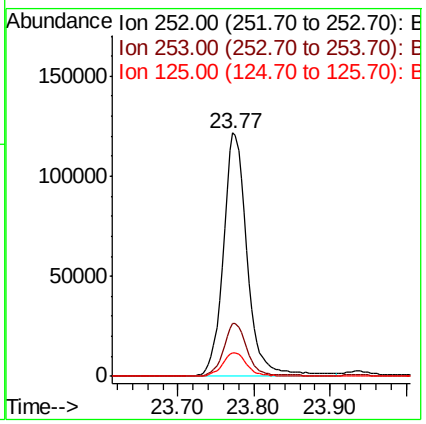


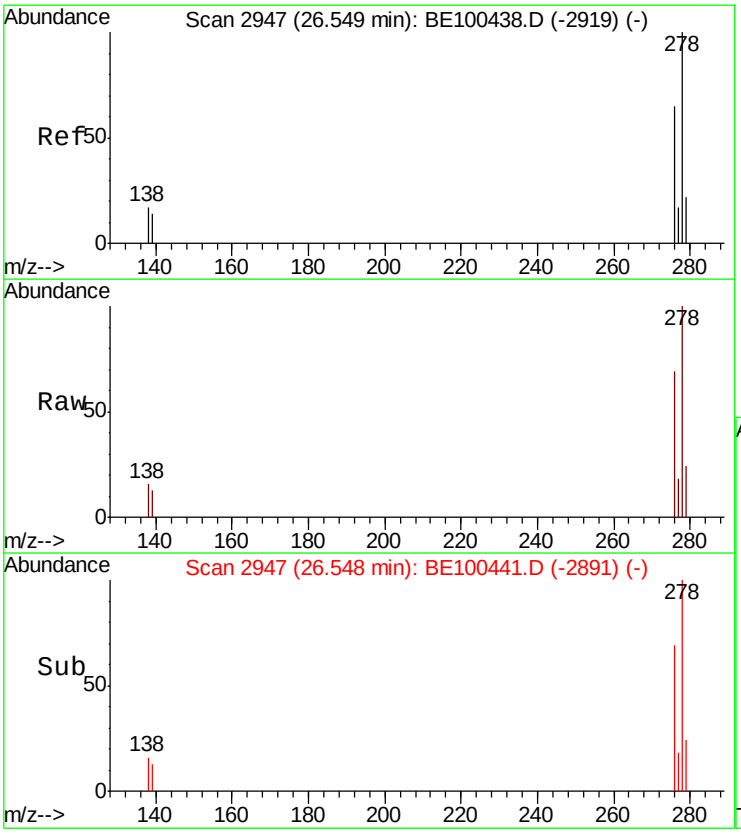
#37
Benzo(a)pyrene
Concen: 3.566 ng
RT: 23.77 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 262934

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	9.9	9.0	13.6

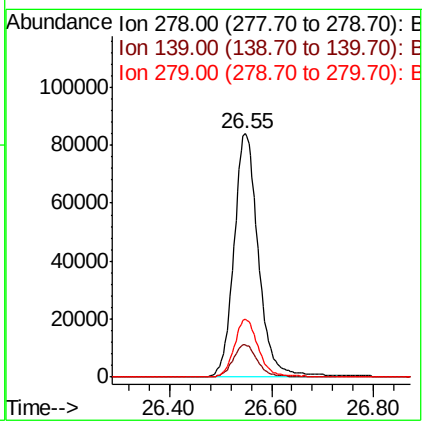


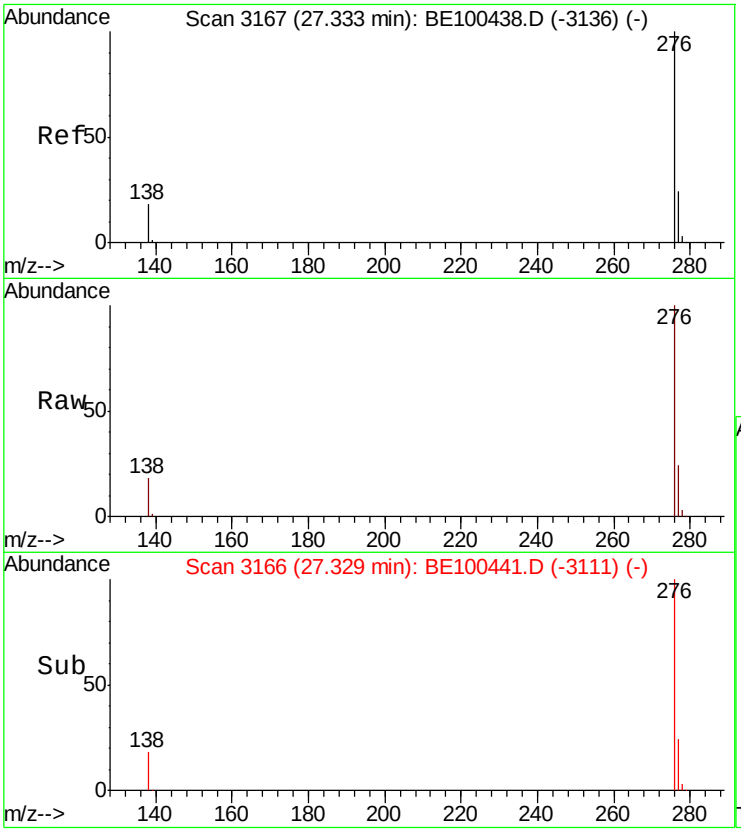


#38
Dibenzo(a,h)anthracene
Concen: 3.621 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Tgt Ion:278 Resp: 278765

Ion	Ratio	Lower	Upper
278	100		
139	13.3	12.2	18.2
279	23.8	18.6	27.8





#39
Benzo(g,h,i)perylene
Concen: 3.423 ng
RT: 27.33 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BE100441.D
Acq: 16 Jul 2019 11:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 273667

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	18.2	15.1	22.7