Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100202.D
Acq On : 27 Jun 2019 13:15
Operator : JU/SJ
Sample : K3428-20MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 27 18:52:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	767	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	2479	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	1843	0.40	ng		-0.02
19) Phenanthrene-d10	17.07	188	5688	0.40	ng		-0.03
27) Chrysene-d12	21.25	240	8129	0.40	ng		-0.04
34) Perylene-d12	23.67	264	9322	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	733	0.43	ng		-0.01
5) Phenol-d6	6.83	99	1035	0.44	ng		-0.05
8) Nitrobenzene-d5	8.82	82	1076	0.44	ng		-0.03
11) 2-Methylnaphthalene-d10	12.05	152	1979	0.43	ng		-0.03
14) 2,4,6-Tribromophenol	15.82	330	420	0.39	ng		-0.03
15) 2-Fluorobiphenyl	12.94	172	3069	0.42	ng		-0.03
25) Fluoranthene-d10	19.10	212	30338	0.37	ng		-0.03
29) Terphenyl-d14	19.70	244	6918	0.43	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	274	0.228	ng	#	50
3) n-Nitrosodimethylamine	3.45	42	221	0.498	ng	#	29
6) bis(2-Chloroethyl)ether	7.08	93	583	0.271	ng	#	87
9) Naphthalene	10.50	128	9342	0.345	ng		98
10) Hexachlorobutadiene	10.77	225	717	0.257	ng		98
12) 2-Methylnaphthalene	12.12	142	1450	0.333	ng		96
16) Acenaphthylene	14.04	152	3192	0.355	ng		99
17) Acenaphthene	14.38	154	1582	0.314	ng		99
18) Fluorene	15.37	166	2415	0.332	ng		98
20) 4-Bromophenyl-phenylether	16.26	248	1075	0.305	ng	#	93
21) Hexachlorobenzene	16.37	284	1053	0.272	ng		98
22) Pentachlorophenol	16.73	266	219	0.439	ng		89
23) Phenanthrene	17.11	178	7224	0.536	ng		99
24) Anthracene	17.20	178	4190	0.368	ng		97
26) Fluoranthene	19.13	202	12414	0.566	ng		99
28) Pyrene	19.49	202	13571	0.652	ng		98
30) Benzo(a)anthracene	21.23	228	12053	0.503	ng		98
31) Chrysene	21.28	228	12233	0.435	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	19163	0.696	ng		99
33) Indeno(1,2,3-cd)pyrene	26.23	276	10430	0.261	ng	#	96
35) Benzo(b)fluoranthene	22.97	252	9753	0.389	ng		98
36) Benzo(k)fluoranthene	22.97	252	10215	0.340	ng	#	96
37) Benzo(a)pyrene	23.56	252	10013	0.385	ng	#	98
38) Dibenzo(a,h)anthracene	26.24	278	6762	0.243	ng		99
39) Benzo(g,h,i)perylene	27.01	276	9282	0.320	ng		99

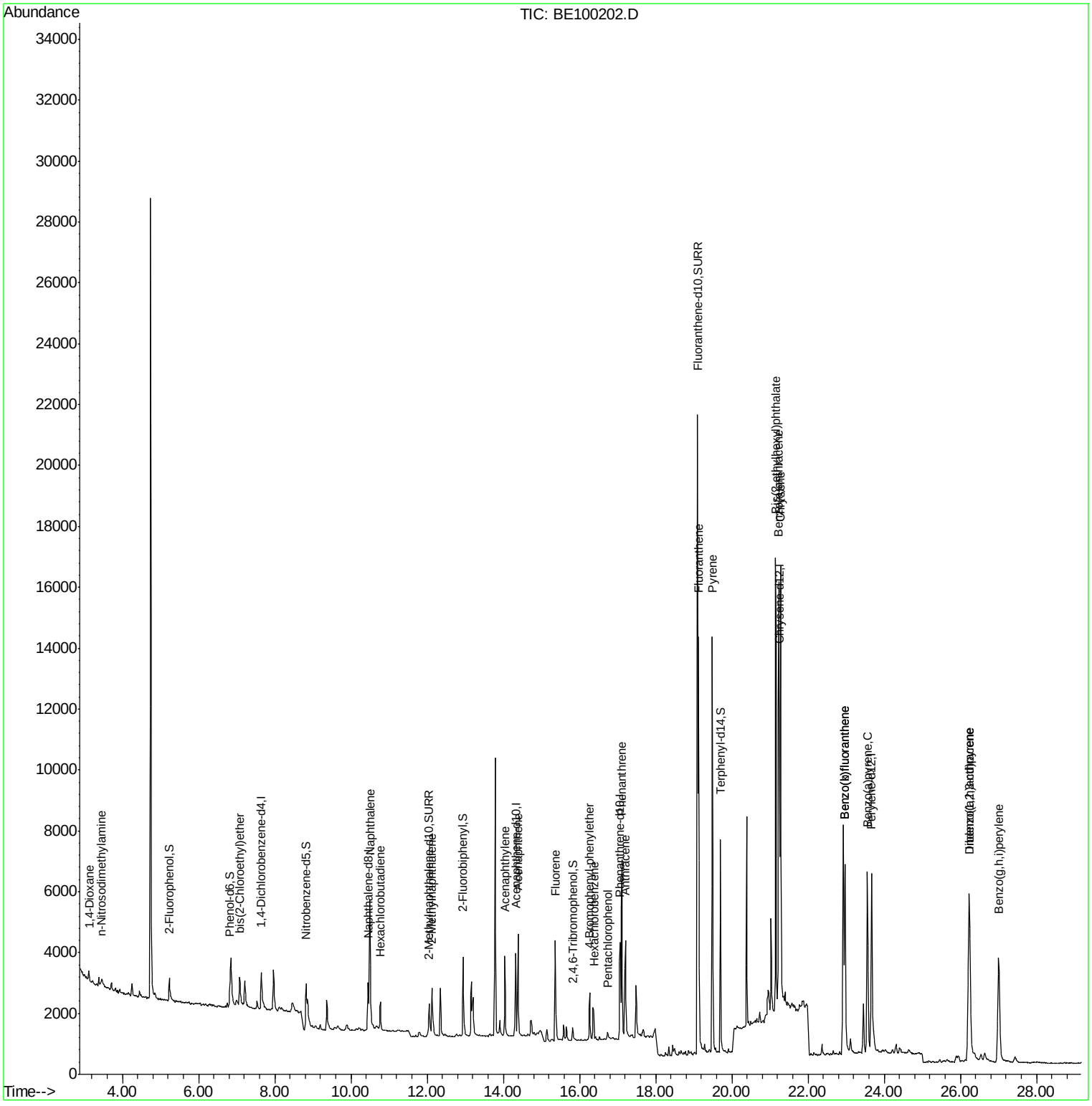
(#) = qualifier out of range (m) = manual integration (+) = signals summed

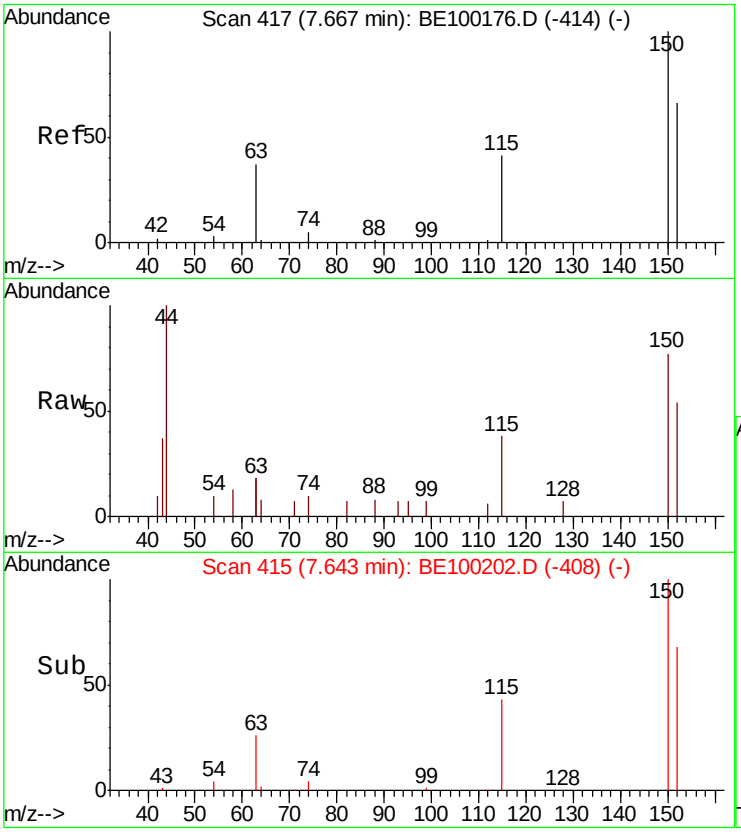
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100202.D
Acq On : 27 Jun 2019 13:15
Operator : JU/SJ
Sample : K3428-20MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 27 18:52:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration



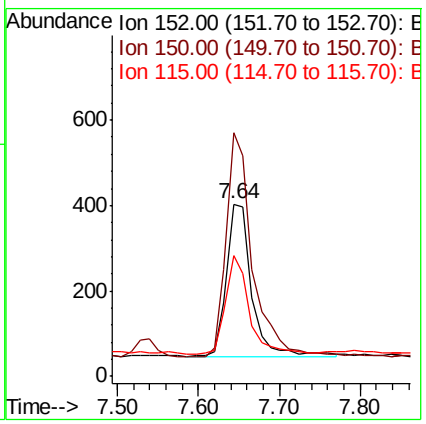


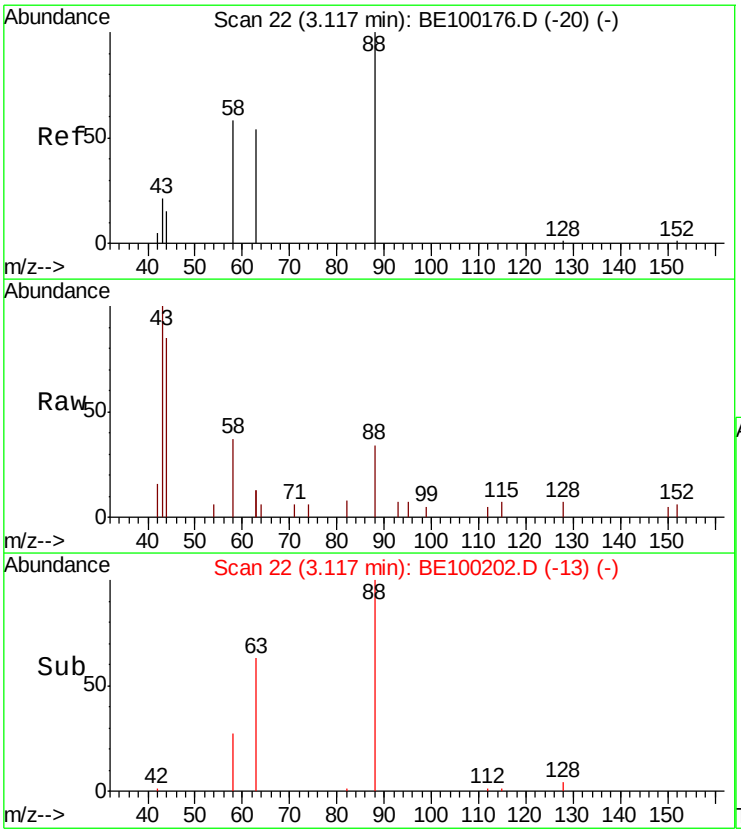
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.02 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 767

Ion	Ratio	Lower	Upper
152	100		
150	141.1	113.4	170.2
115	69.8	55.8	83.6

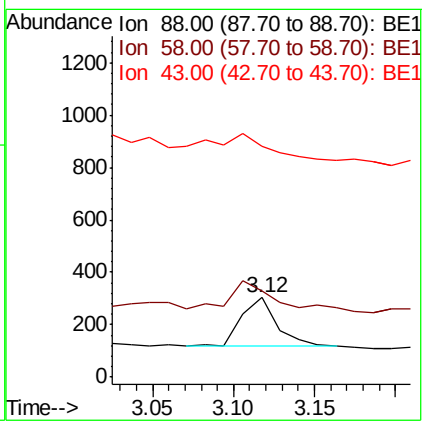


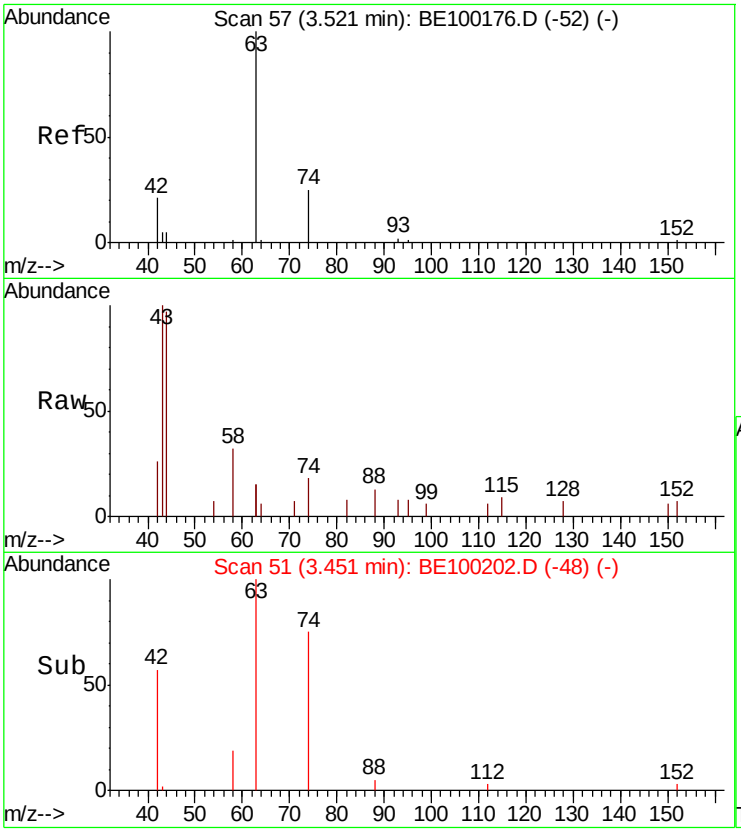


#2
1,4-Dioxane
Concen: 0.228 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion: 88 Resp: 274

Ion	Ratio	Lower	Upper
88	100		
58	65.7	43.8	65.6#
43	88.7	19.4	29.2#



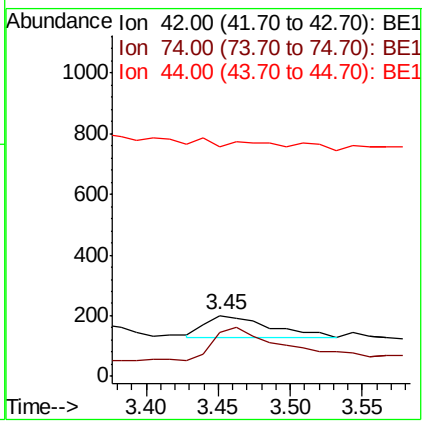


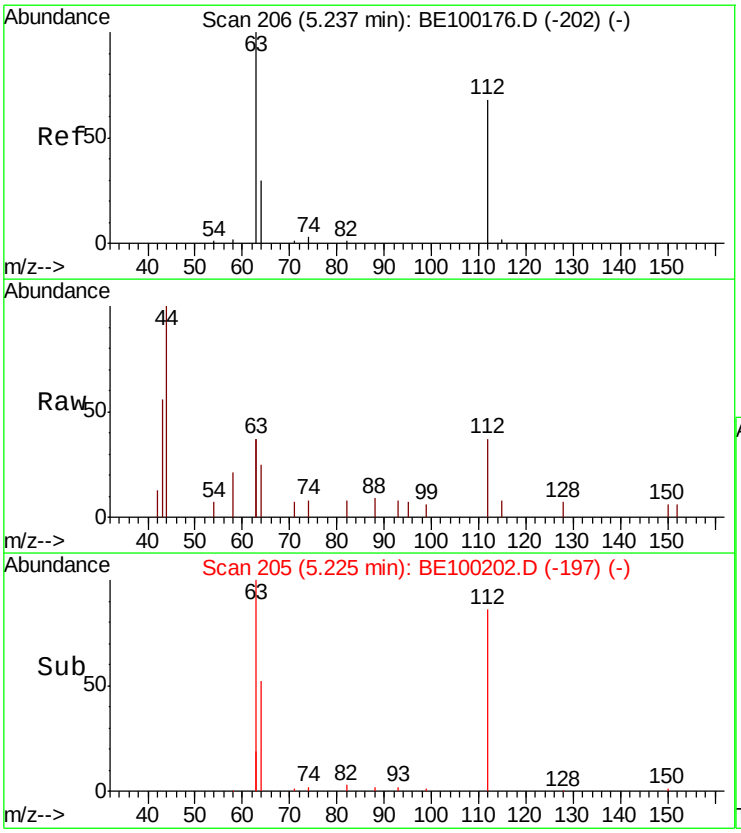
#3
n-Nitrosodimethylamine
Concen: 0.498 ng
RT: 3.45 min Scan# 51
Delta R.T. -0.07 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 221

Ion	Ratio	Lower	Upper
42	100		
74	166.5	193.2	289.8#
44	0.0	114.5	171.7#

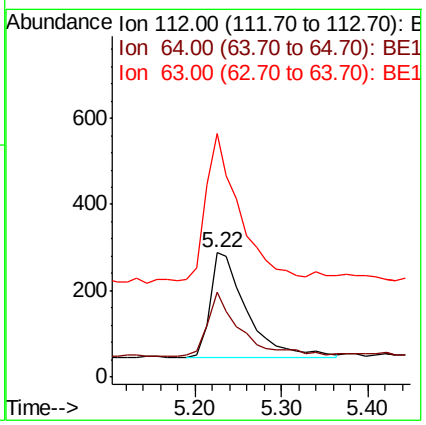


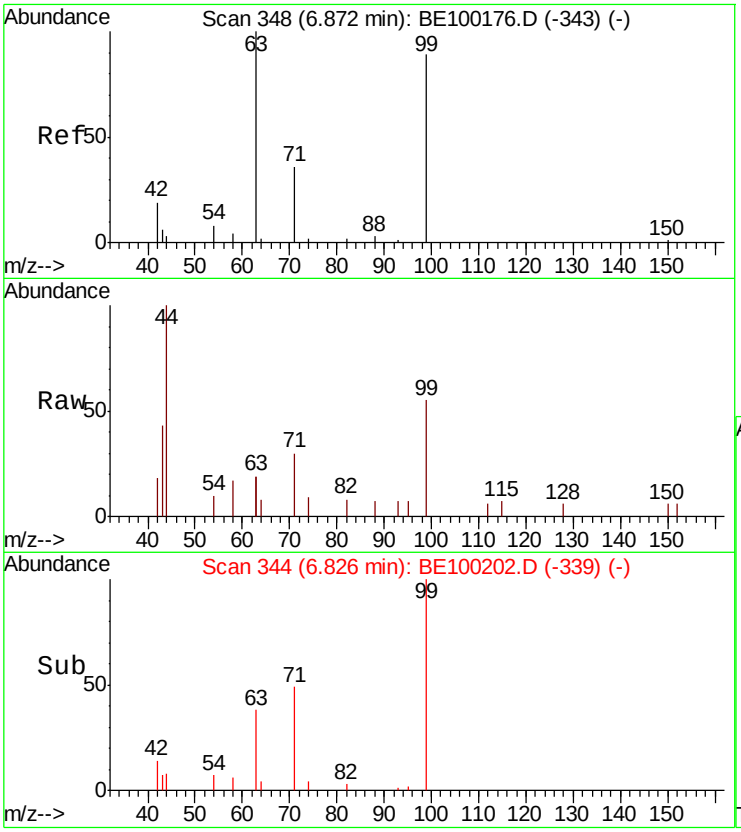


#4
2-Fluorophenol
Concen: 0.430 ng
RT: 5.22 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:112 Resp: 733

Ion	Ratio	Lower	Upper
112	100		
64	54.3	40.7	61.1
63	136.6	93.2	139.8



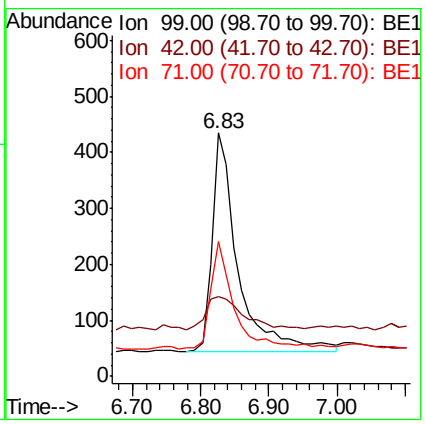


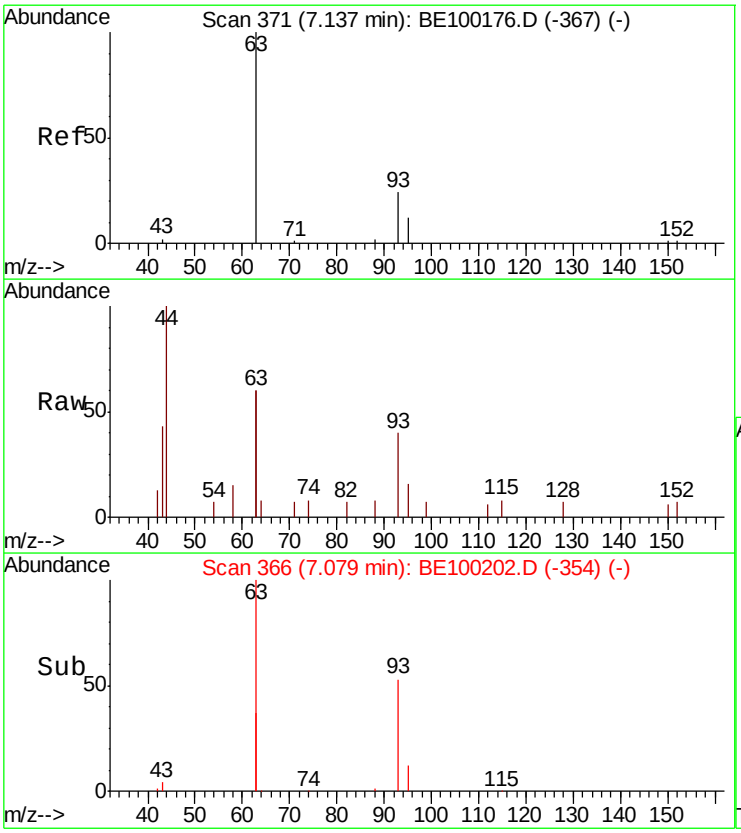
#5
Phenol-d6
Concen: 0.441 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.05 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1035

Ion	Ratio	Lower	Upper
99	100		
42	23.9	10.4	15.6#
71	42.8	32.4	48.6

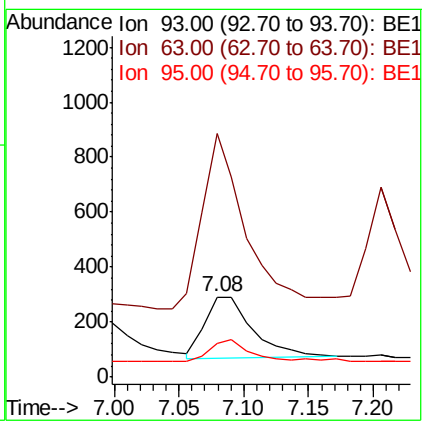


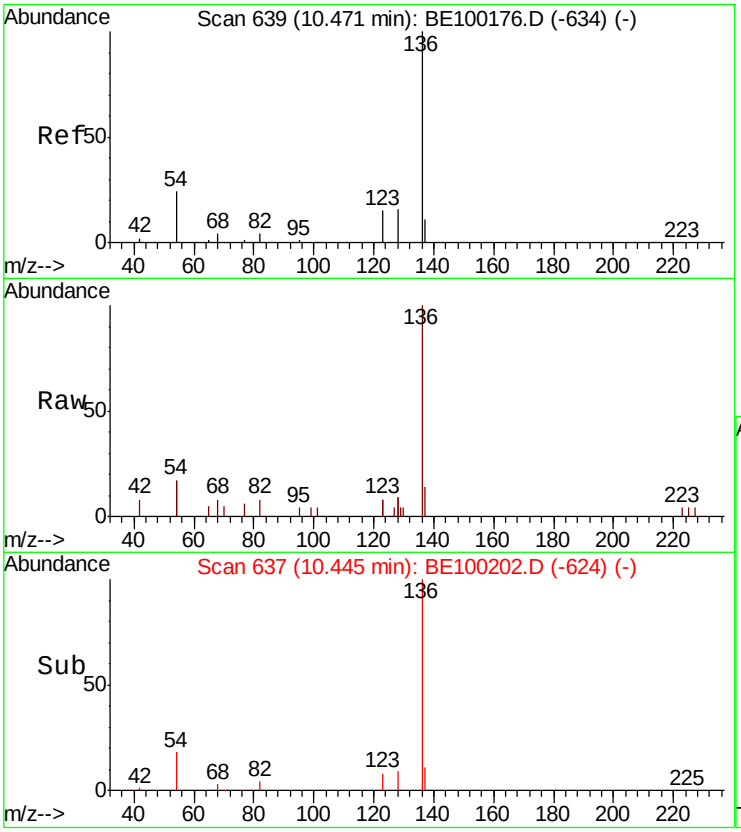


#6
bis(2-Chloroethyl)ether
Concen: 0.271 ng
RT: 7.08 min Scan# 366
Delta R.T. -0.06 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion: 93 Resp: 583

Ion	Ratio	Lower	Upper
93	100		
63	256.8	0.0	0.0#
95	33.1	21.0	31.6#



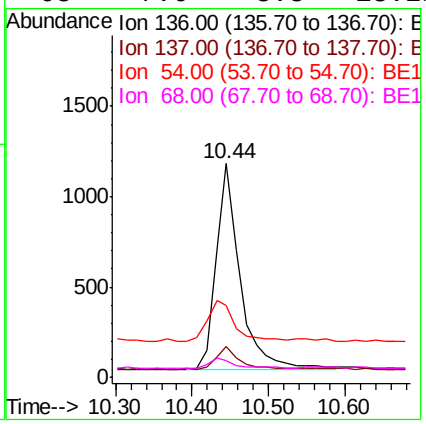


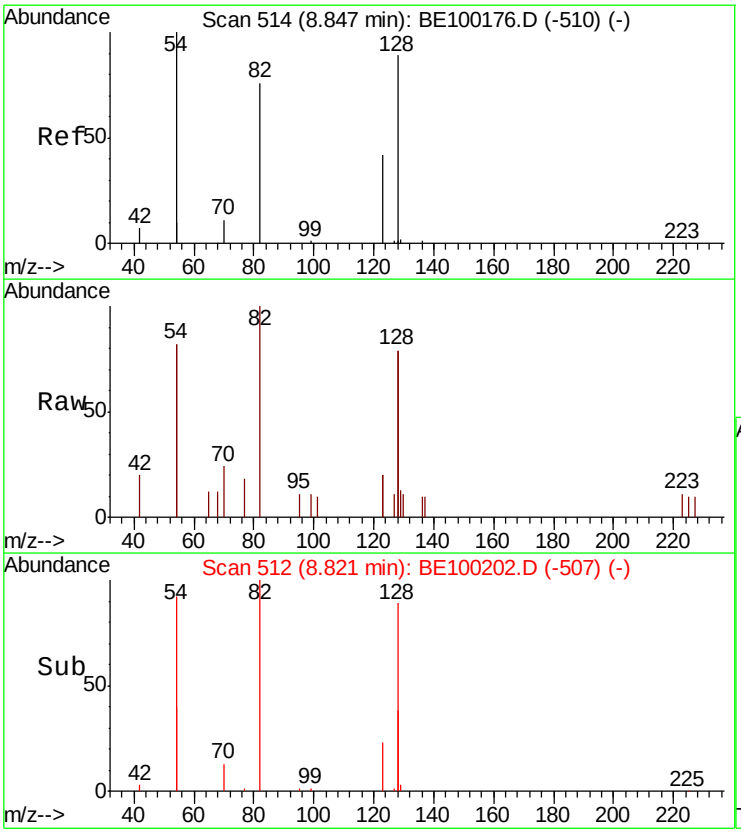
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2479

Ion	Ratio	Lower	Upper
136	100		
137	14.3	13.8	20.8
54	33.6	35.4	53.2#
68	7.6	8.8	13.2#

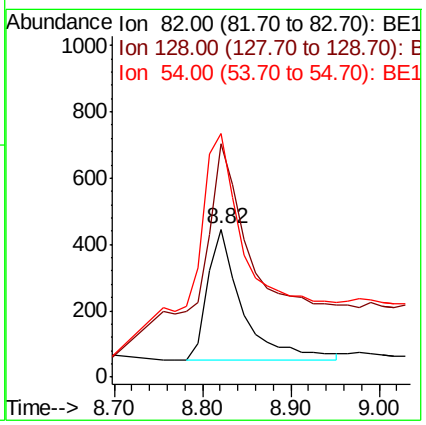


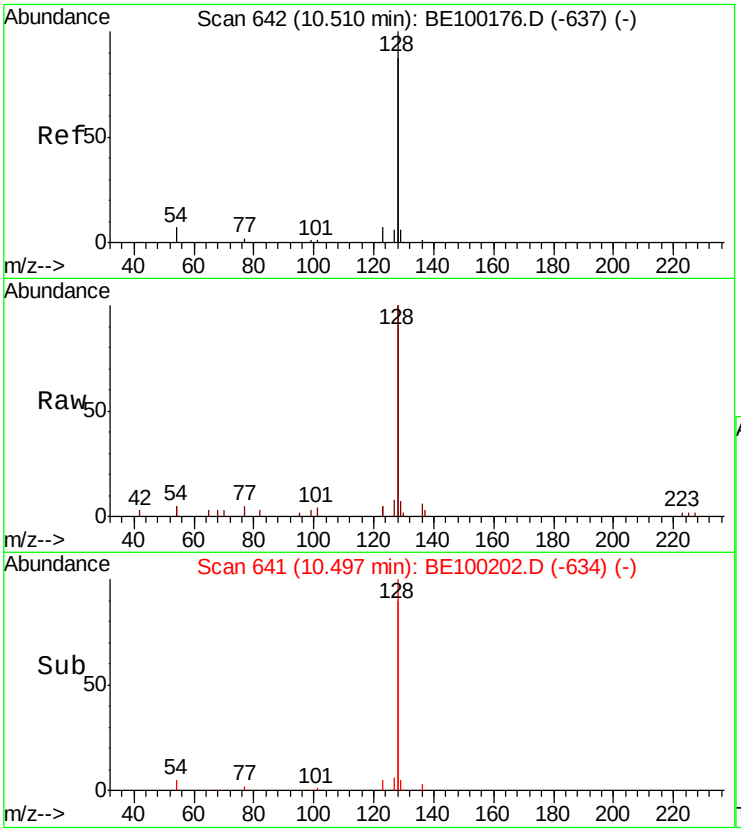


#8
Nitrobenzene-d5
Concen: 0.436 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion: 82 Resp: 1076

Ion	Ratio	Lower	Upper
82	100		
128	157.5	144.6	217.0
54	164.2	163.0	244.6



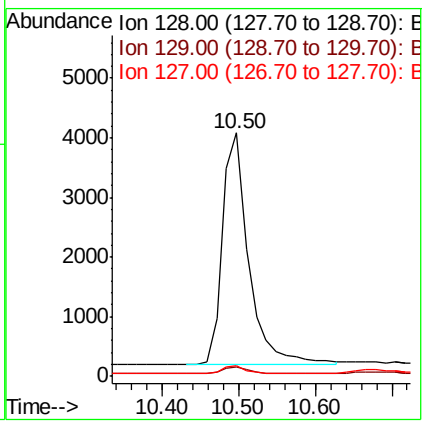


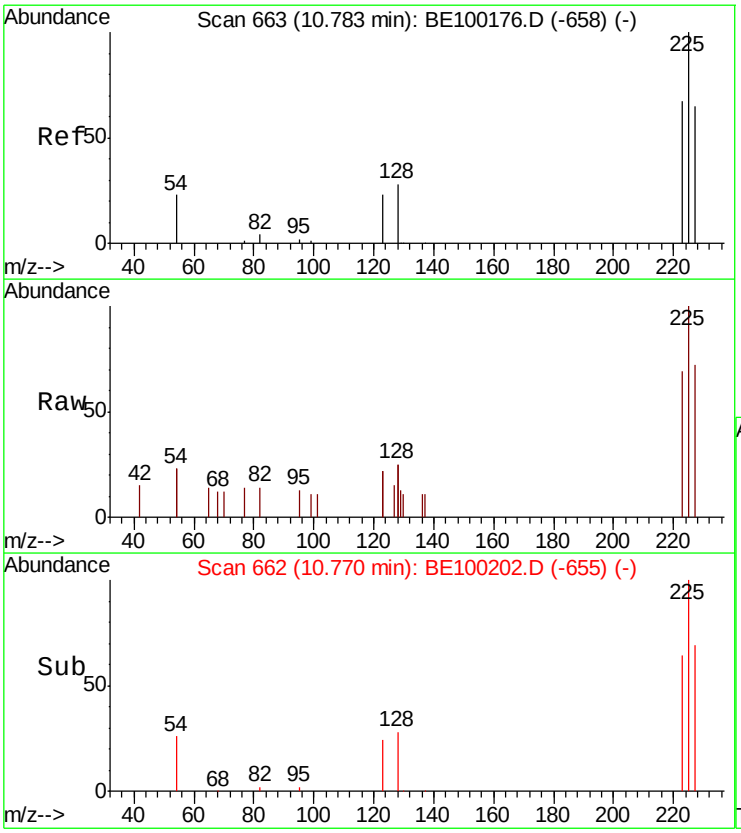
#9
Naphthalene
Concen: 0.345 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 9342

Ion	Ratio	Lower	Upper
128	100		
129	3.7	3.6	5.4
127	4.1	3.8	5.8

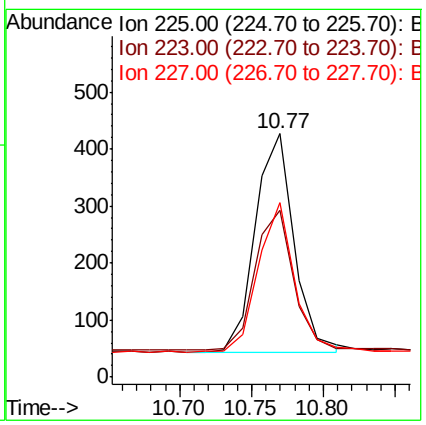


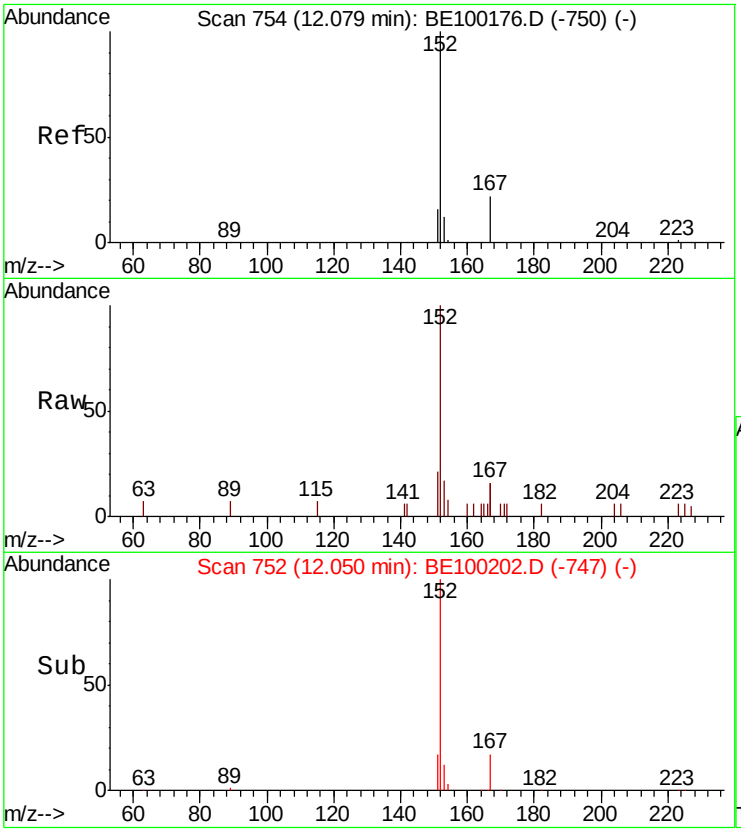


#10
Hexachlorobutadiene
Concen: 0.257 ng
RT: 10.77 min Scan# 662
Delta R.T. -0.01 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:225 Resp: 717

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.1	75.1
227	64.3	50.9	76.3



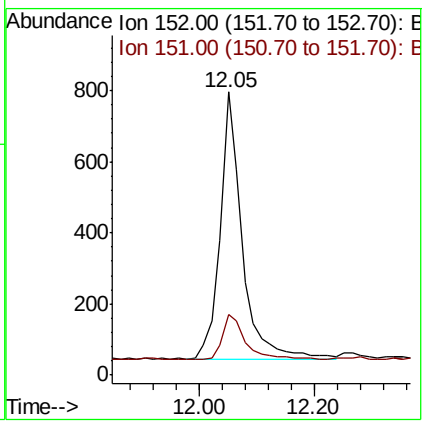


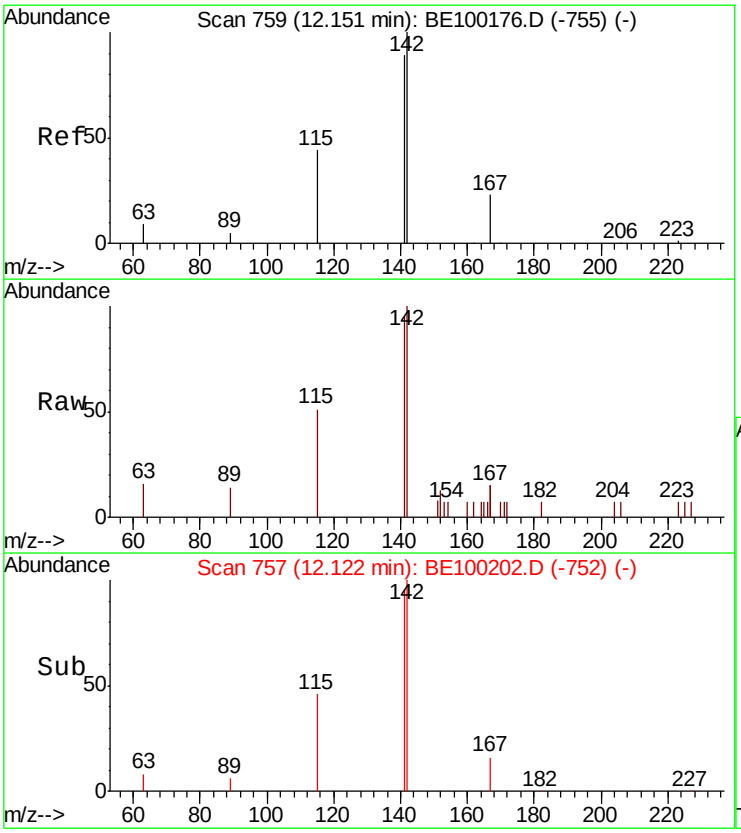
#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1979

Ion	Ratio	Lower	Upper
152	100		
151	16.9	16.3	24.5

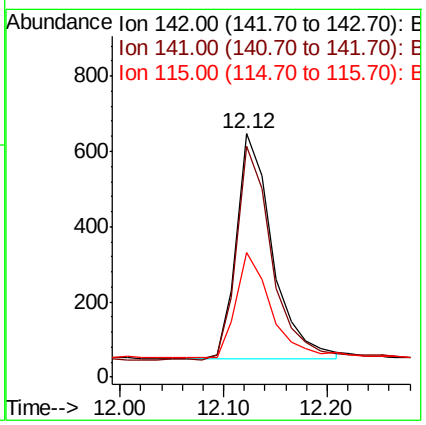


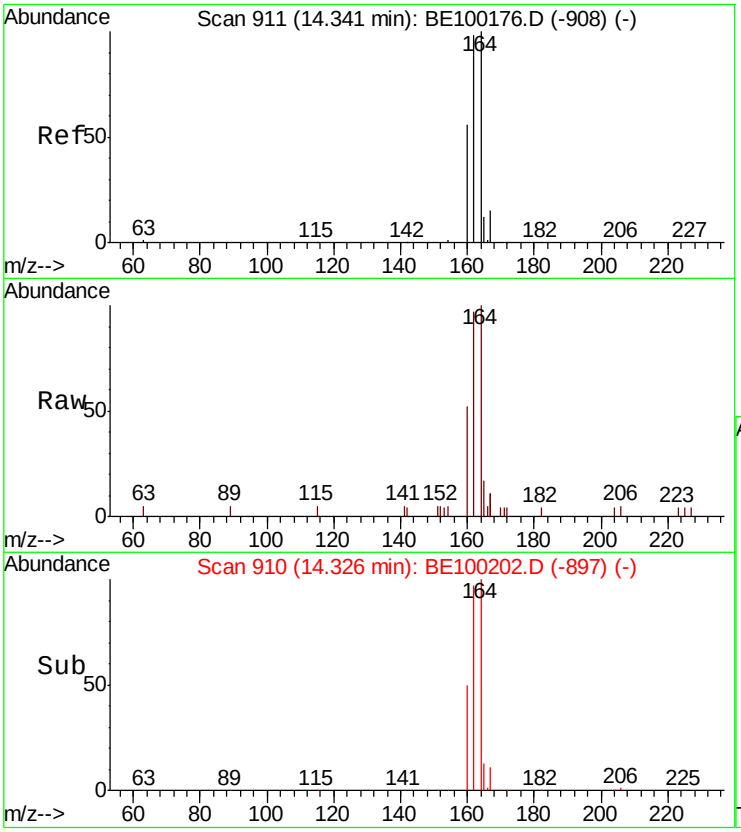


#12
2-Methylnaphthalene
Concen: 0.333 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:142 Resp: 1450

Ion	Ratio	Lower	Upper
142	100		
141	95.1	71.8	107.8
115	51.2	40.4	60.6



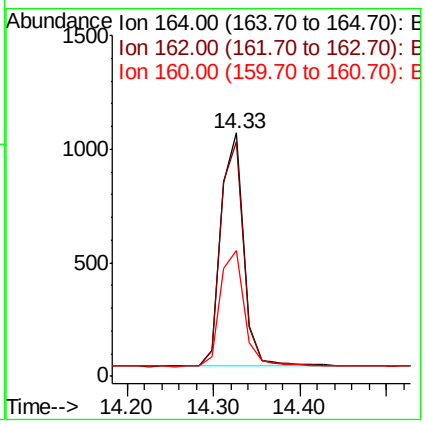


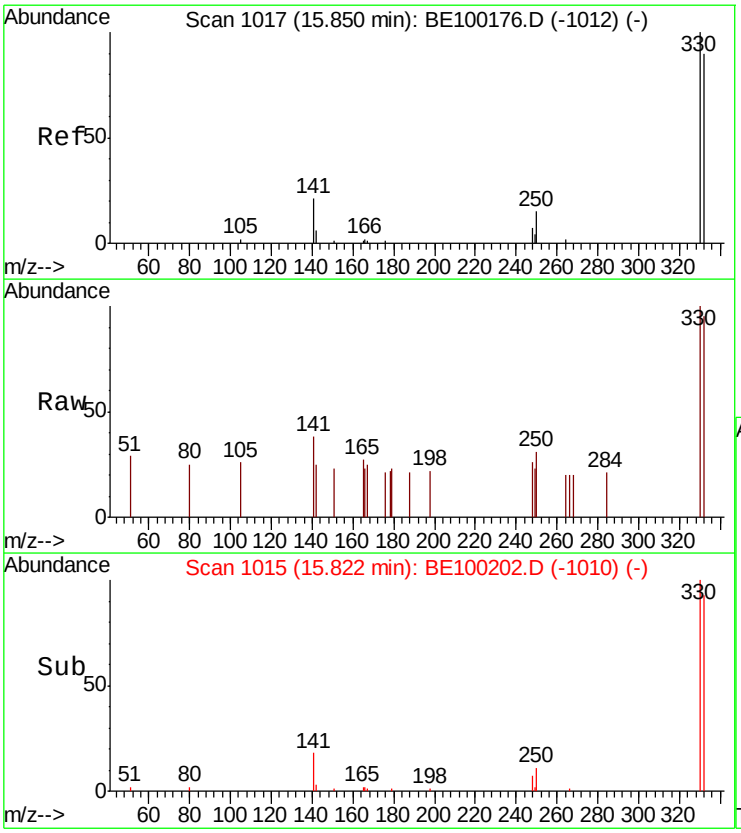
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.02 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1843

Ion	Ratio	Lower	Upper
164	100		
162	96.6	78.6	118.0
160	51.7	46.9	70.3

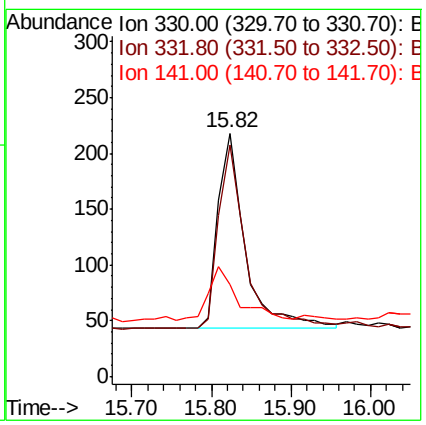


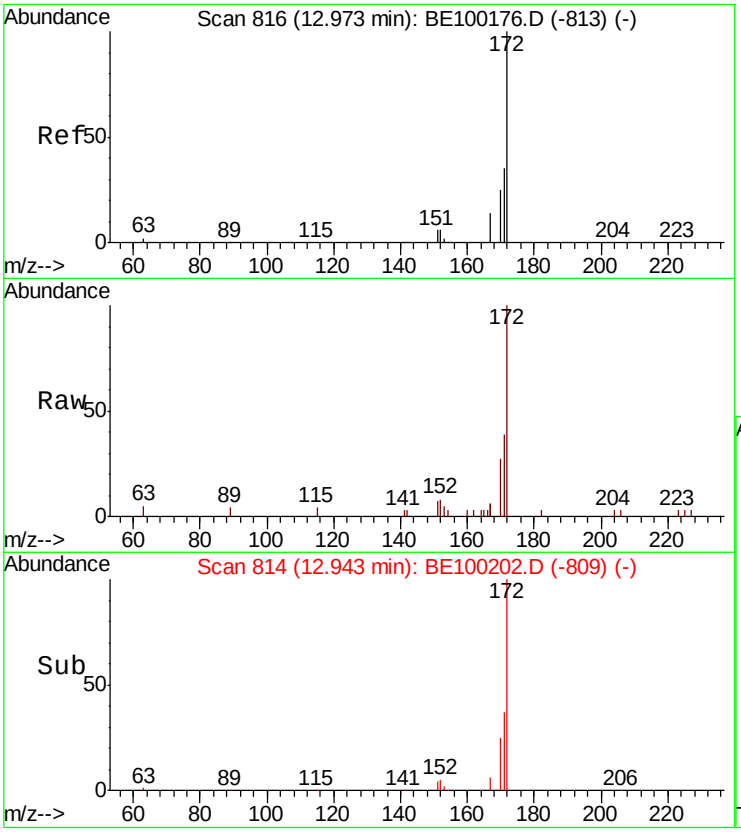


#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:330 Resp: 420

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.7	116.5
141	30.7	18.9	28.3#



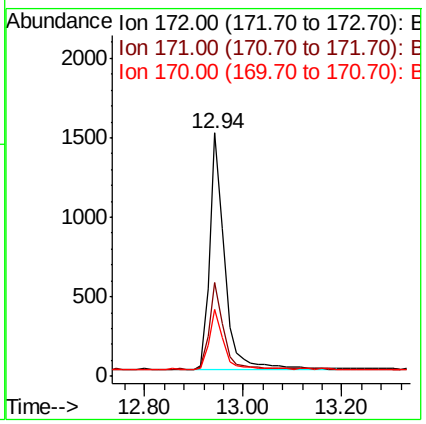


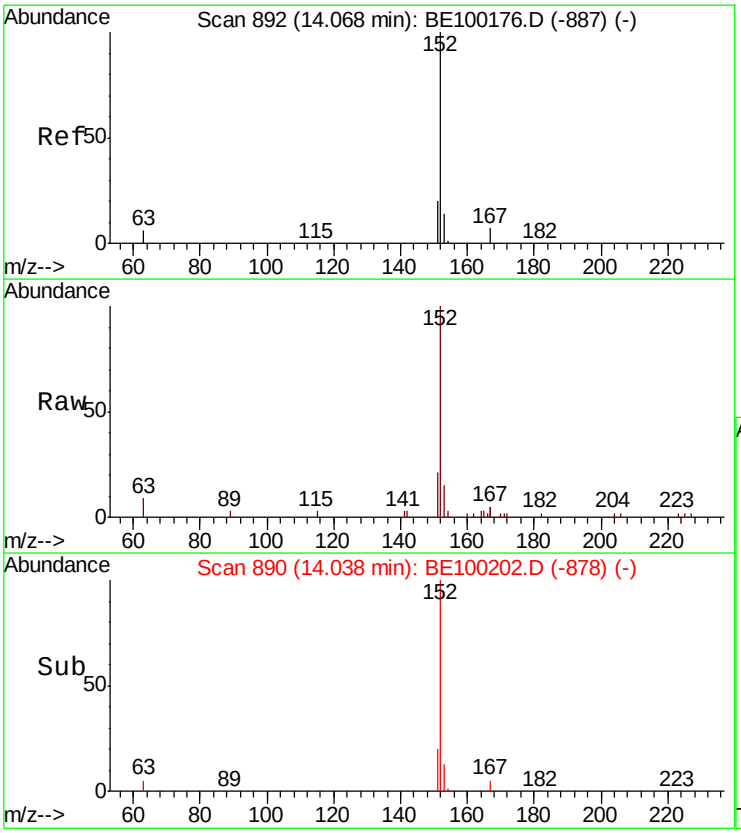
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3069

Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	27.3	23.9	35.9

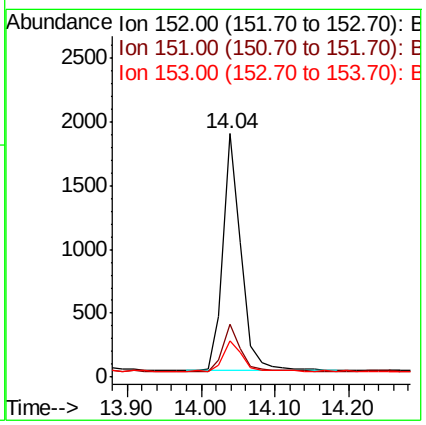


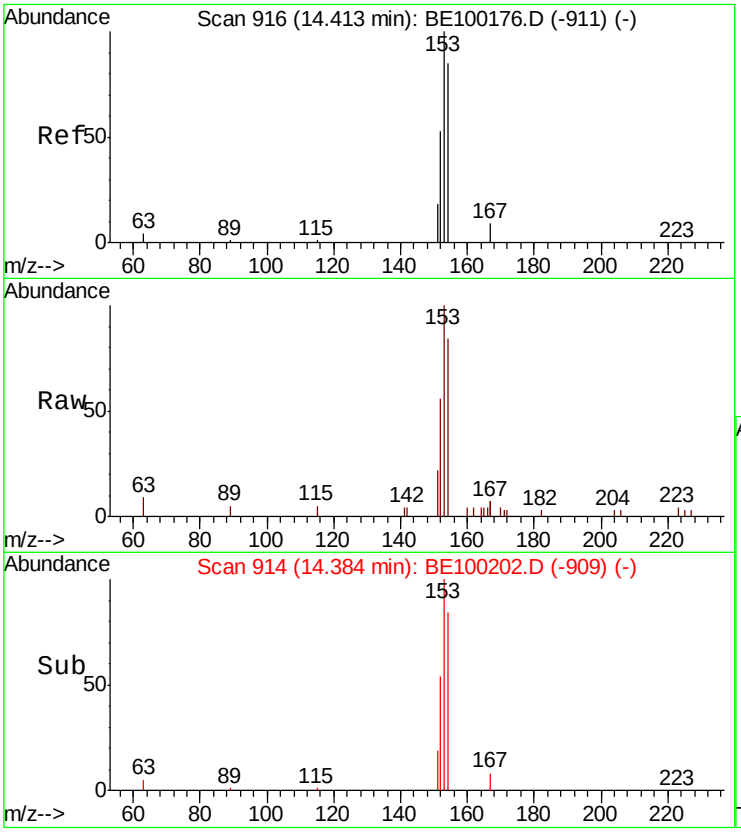


#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:152 Resp: 3192

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0
153	13.7	10.8	16.2



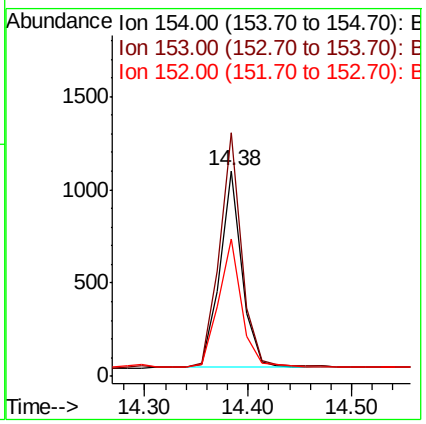


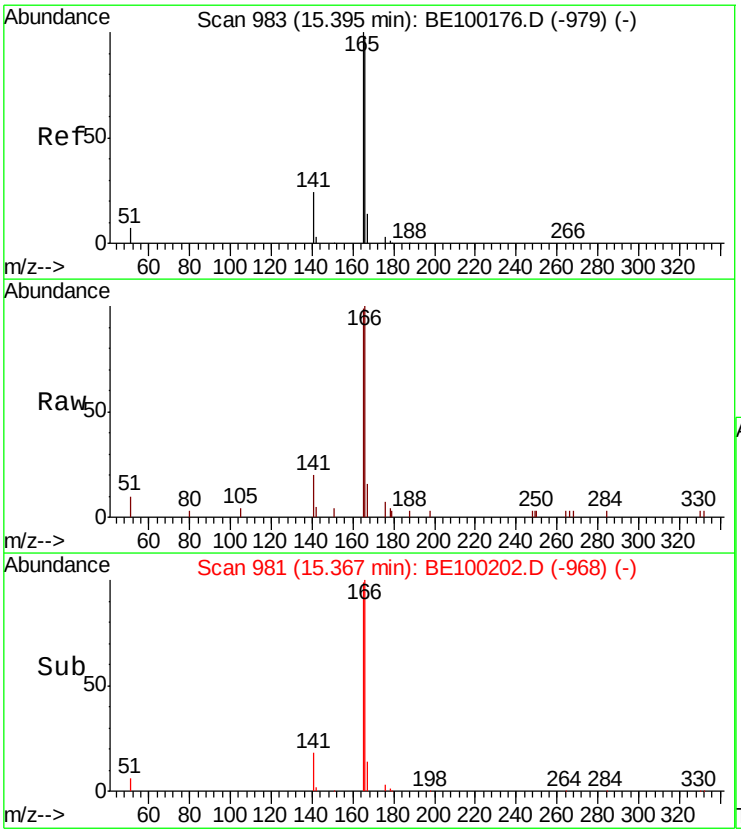
#17
Acenaphthene
Concen: 0.314 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1582

Ion	Ratio	Lower	Upper
154	100		
153	119.8	95.3	142.9
152	68.5	52.9	79.3

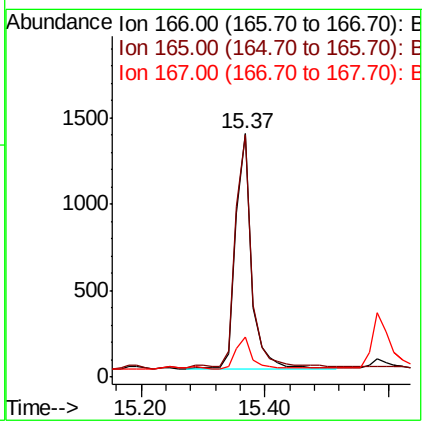


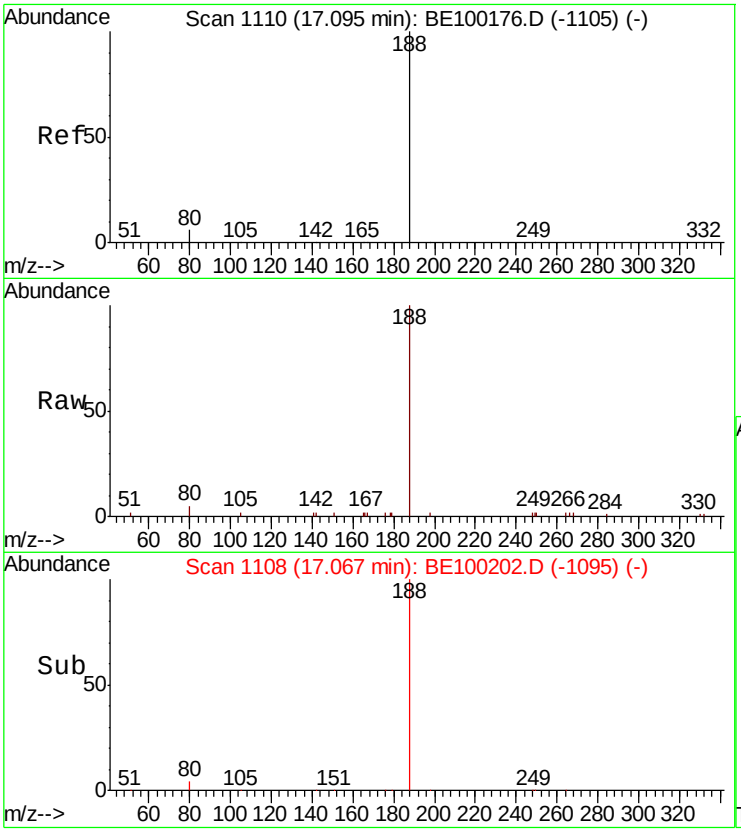


#18
Fluorene
Concen: 0.332 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:166 Resp: 2415

Ion	Ratio	Lower	Upper
166	100		
165	103.3	81.0	121.4
167	14.0	11.4	17.0



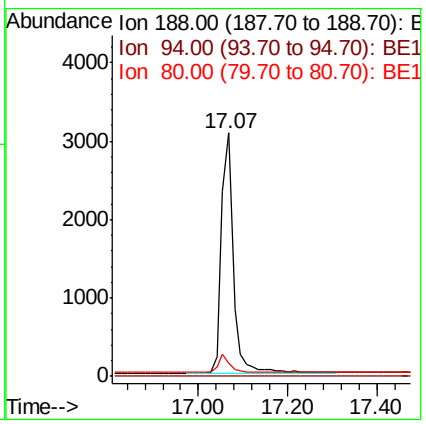


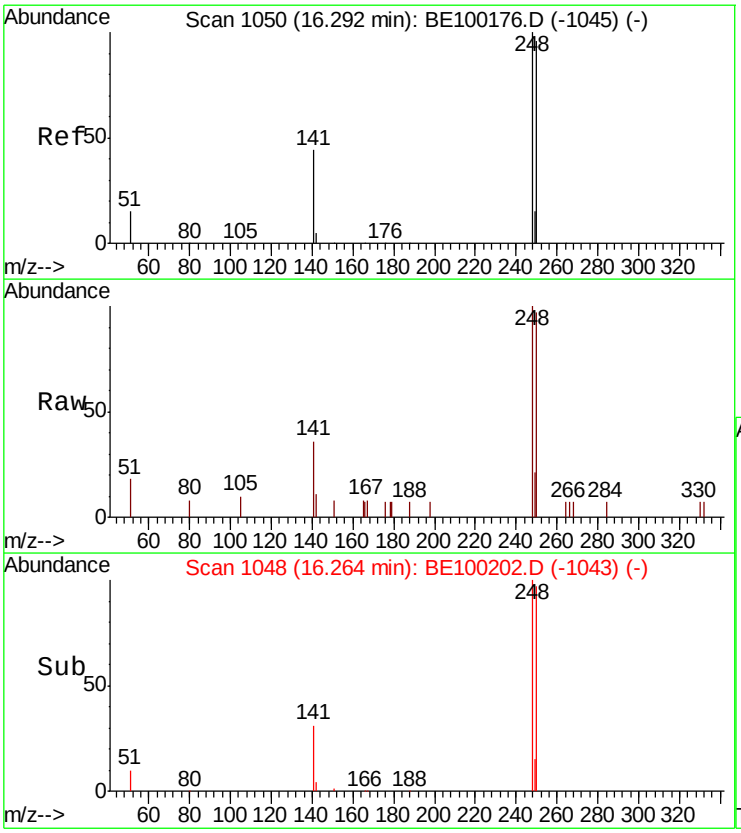
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5688

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.4	6.4	9.6#

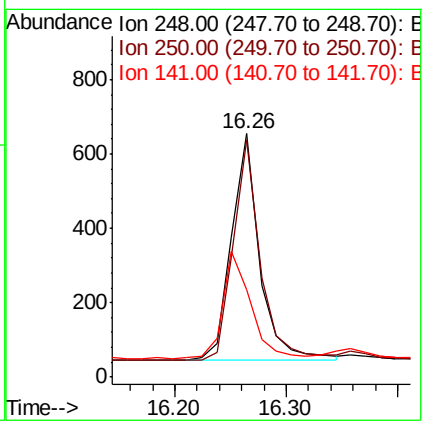


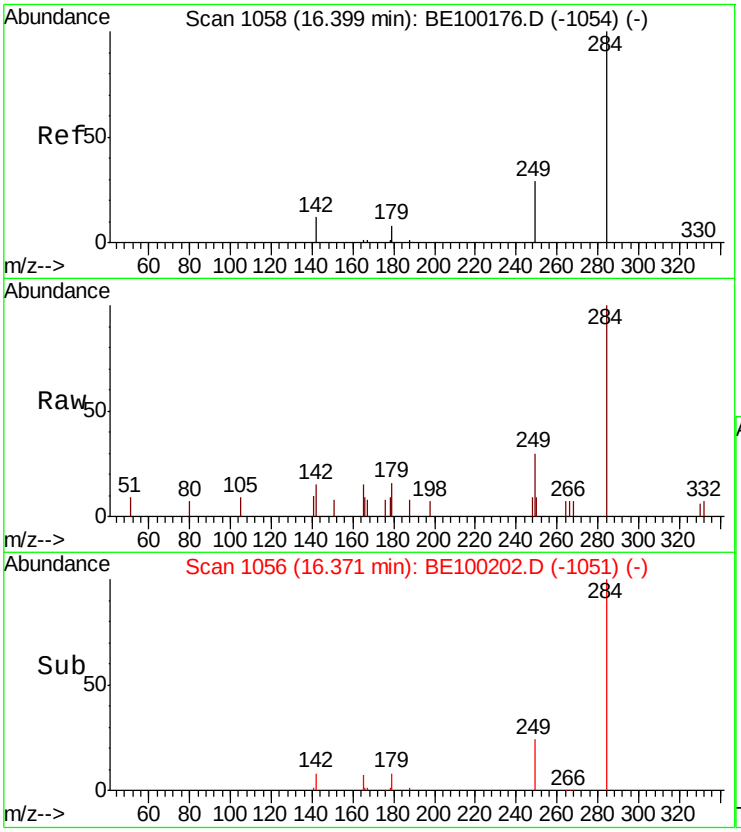


#20
4-Bromophenyl-phenylether
Concen: 0.305 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:248 Resp: 1075

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.1	115.7
141	35.9	39.5	59.3#



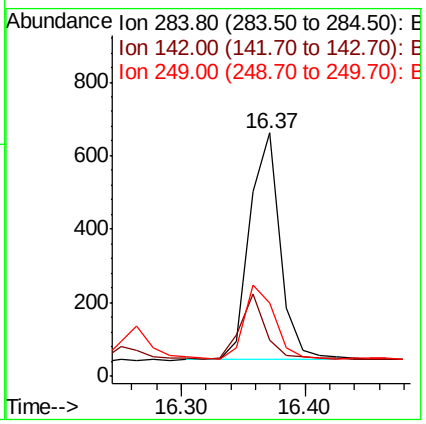


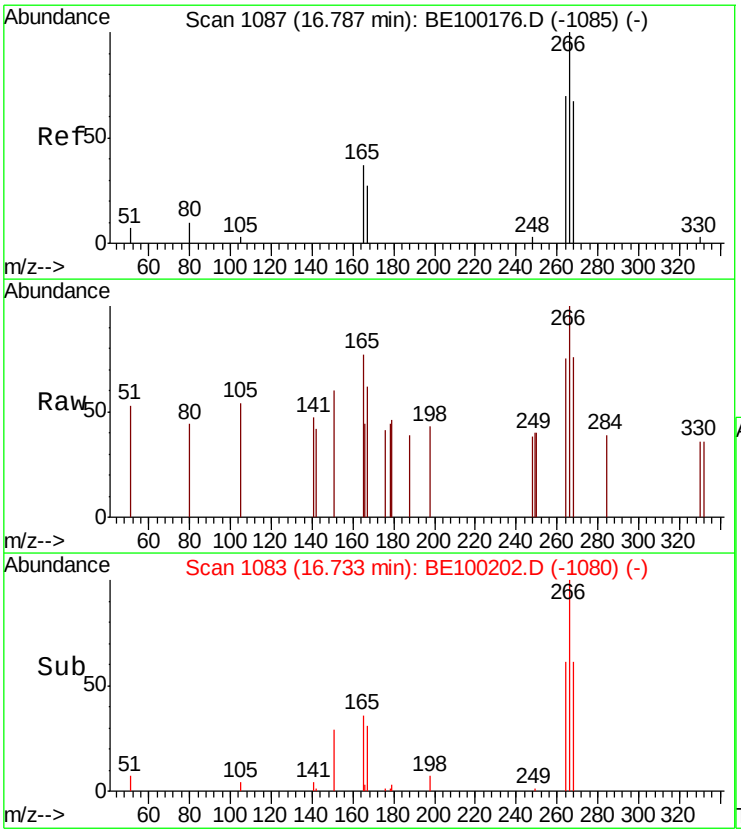
#21
Hexachlorobenzene
Concen: 0.272 ng
RT: 16.37 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1053

Ion	Ratio	Lower	Upper
284	100		
142	24.8	20.1	30.1
249	31.2	26.2	39.4

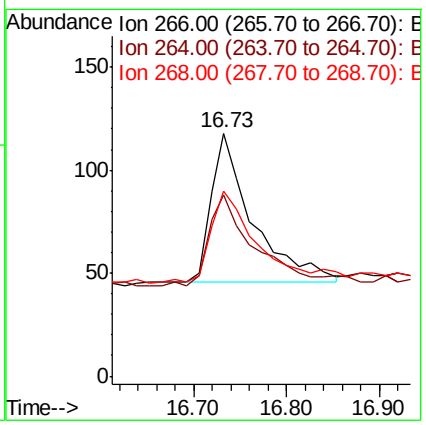


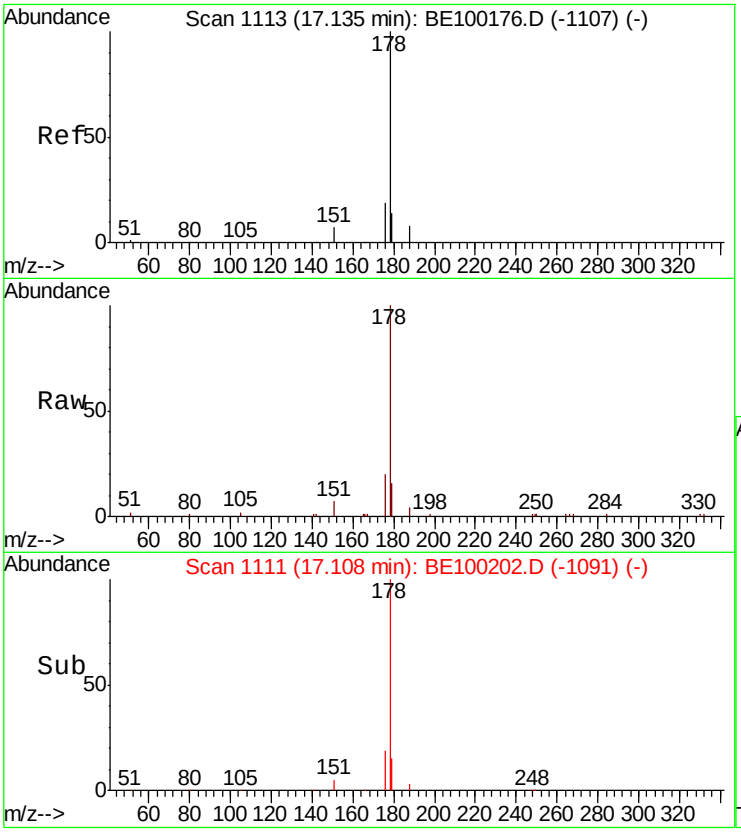


#22
Pentachlorophenol
Concen: 0.439 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.05 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:266 Resp: 219

Ion	Ratio	Lower	Upper
266	100		
264	74.6	67.7	101.5
268	76.3	69.8	104.6



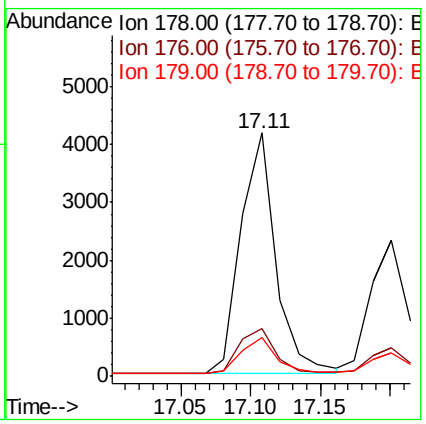


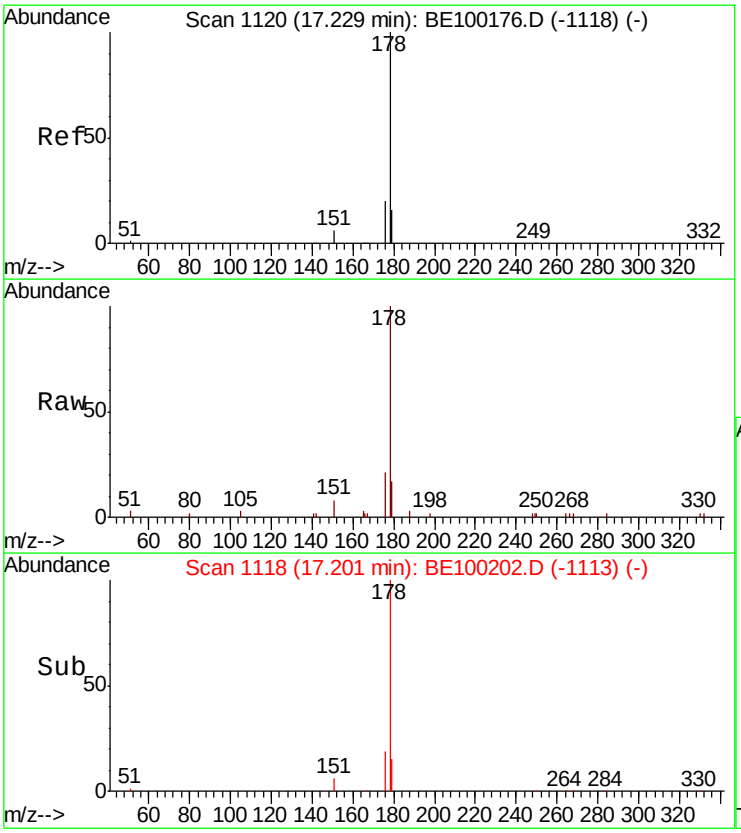
#23
Phenanthrene
Concen: 0.536 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7224

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	14.9	12.2	18.2

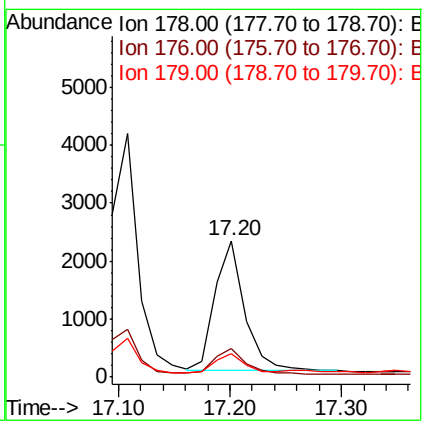


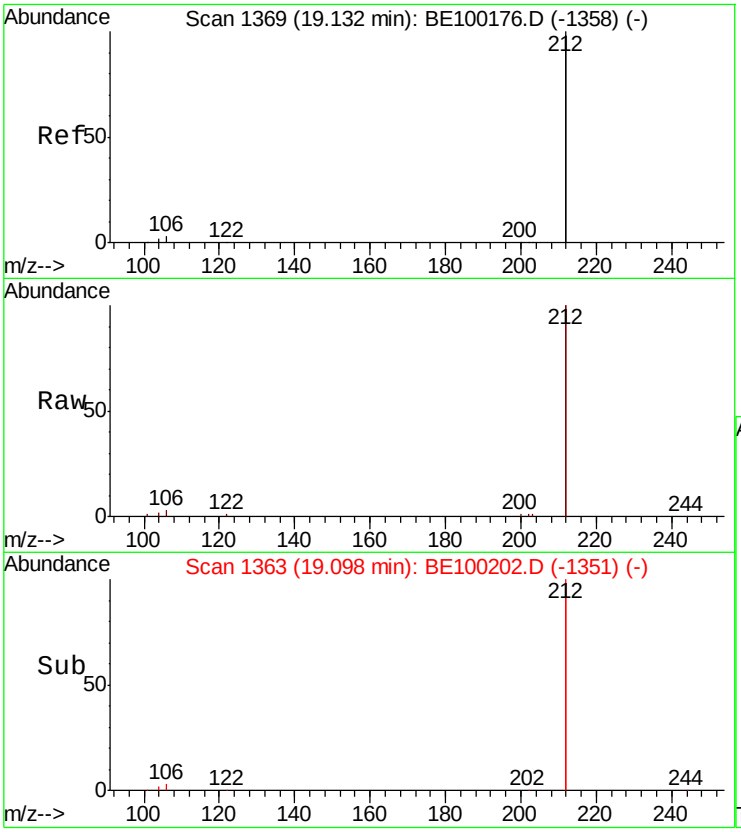


#24
Anthracene
Concen: 0.368 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:178 Resp: 4190

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	13.6	12.9	19.3



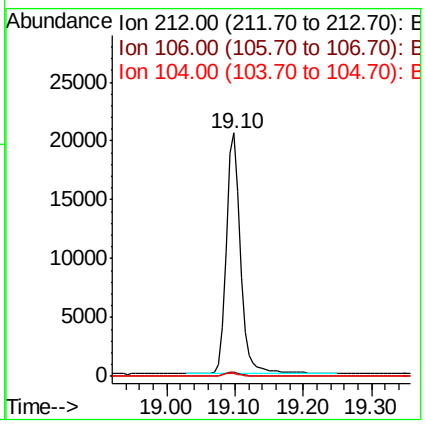


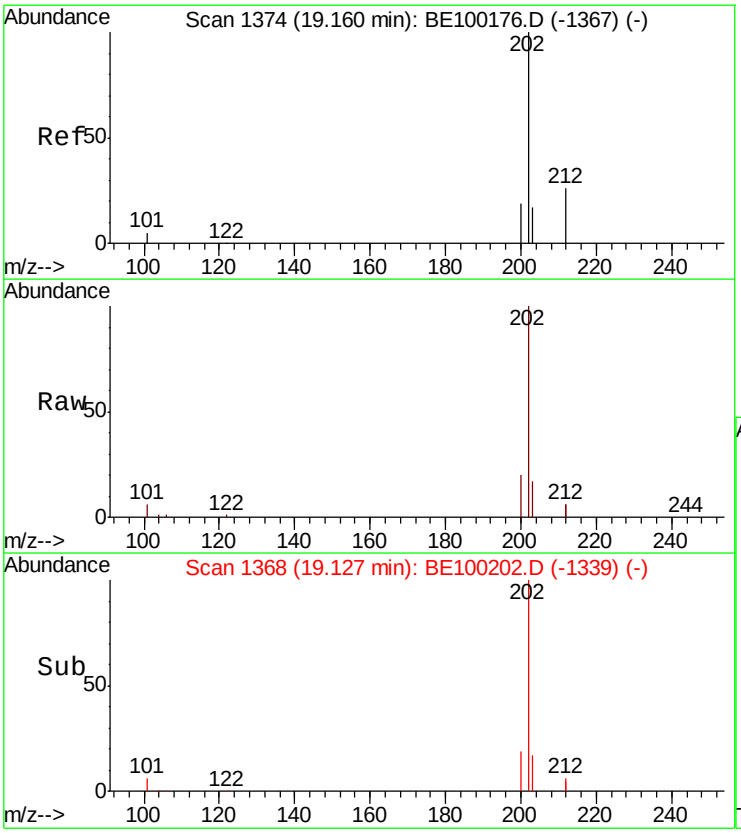
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30338

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.7	1.1

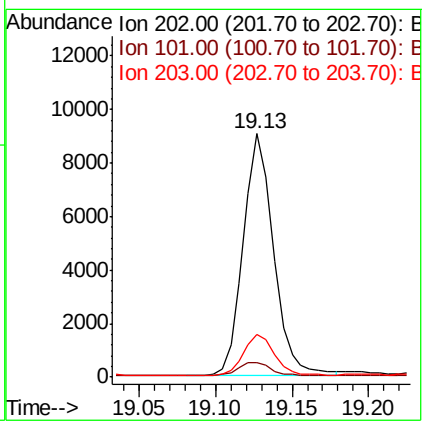


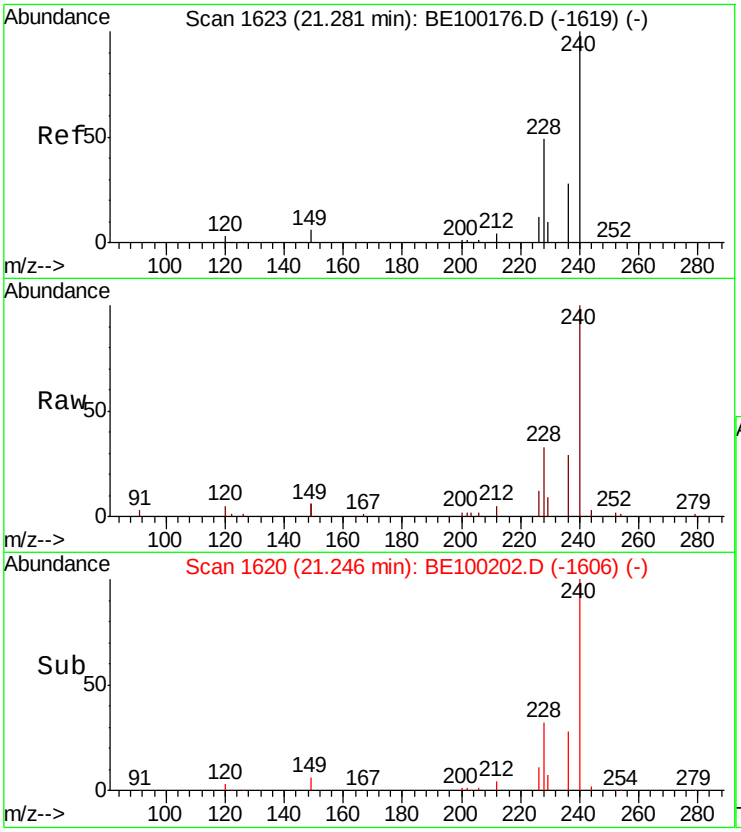


#26
Fluoranthene
Concen: 0.566 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:202 Resp: 12414

Ion	Ratio	Lower	Upper
202	100		
101	6.1	4.5	6.7
203	17.0	13.7	20.5



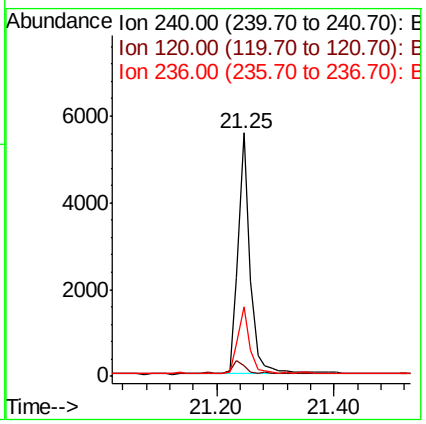


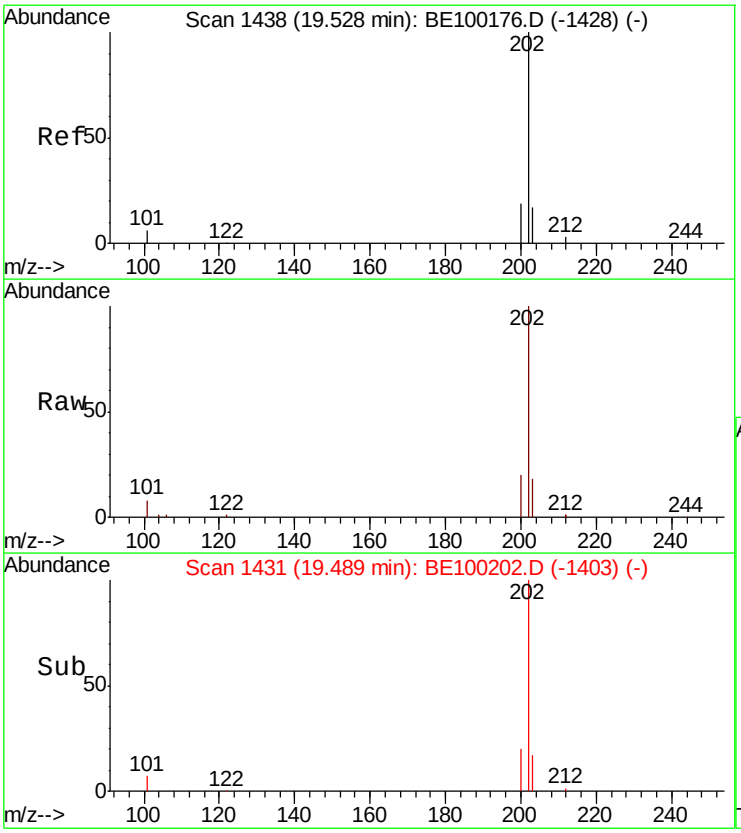
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8129

Ion	Ratio	Lower	Upper
240	100		
120	4.6	4.1	6.1
236	28.6	23.0	34.6

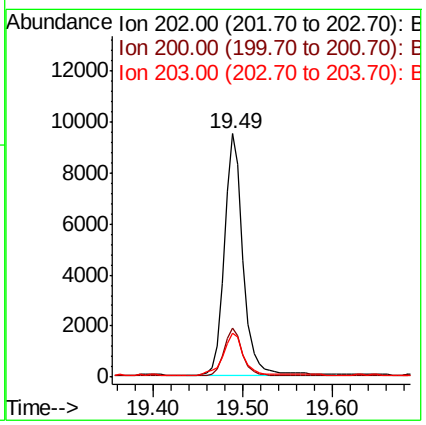


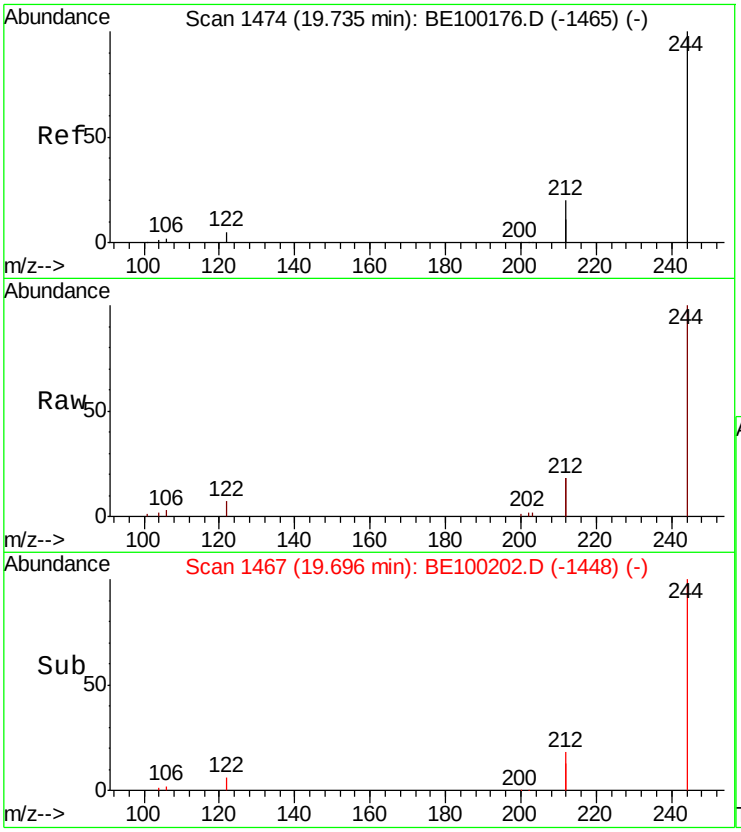


#28
Pyrene
Concen: 0.652 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.04 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:202 Resp: 13571

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.5	23.3
203	18.7	13.9	20.9



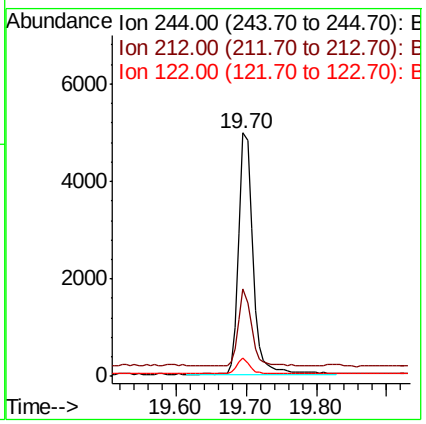


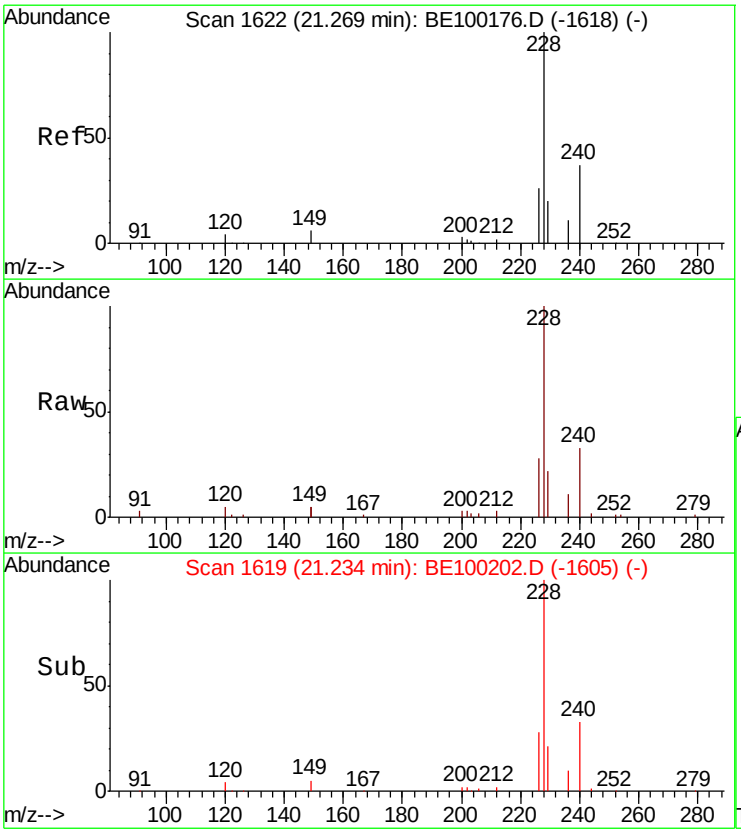
#29
Terphenyl-d14
Concen: 0.433 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.04 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6918

Ion	Ratio	Lower	Upper
244	100		
212	35.8	30.7	46.1
122	7.3	5.8	8.6

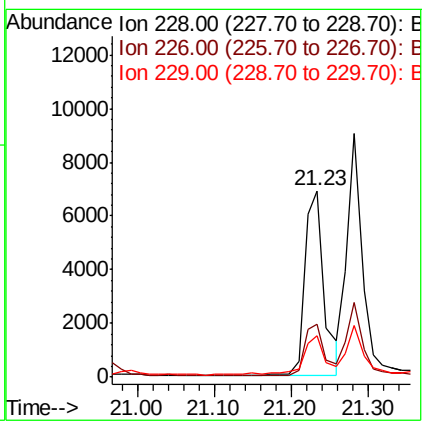


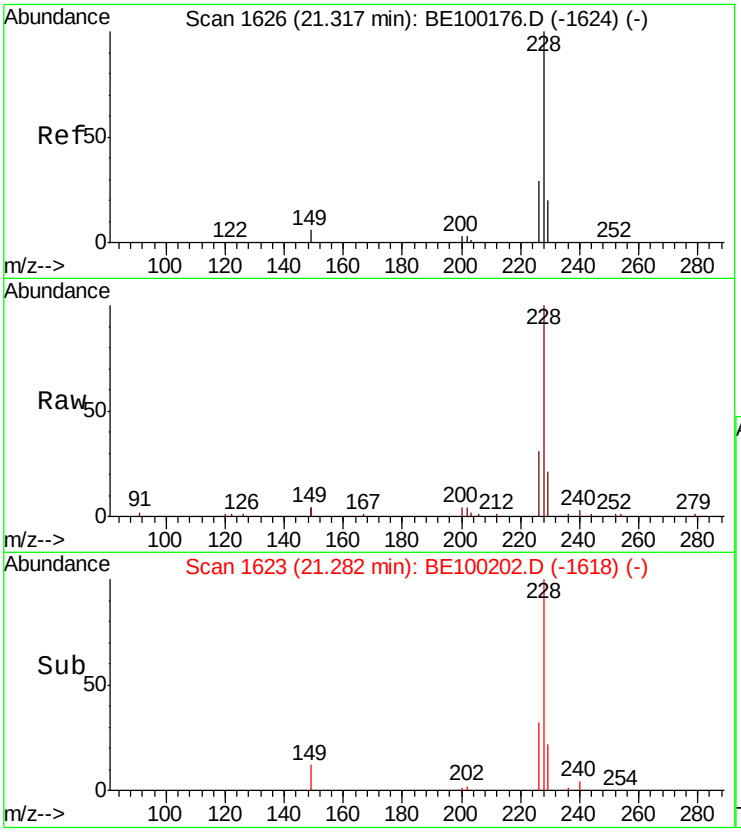


#30
Benzo(a)anthracene
Concen: 0.503 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.04 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:228 Resp: 12053

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.5	32.3
229	22.1	17.2	25.8



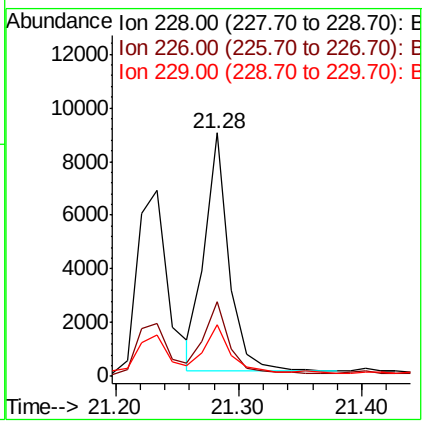


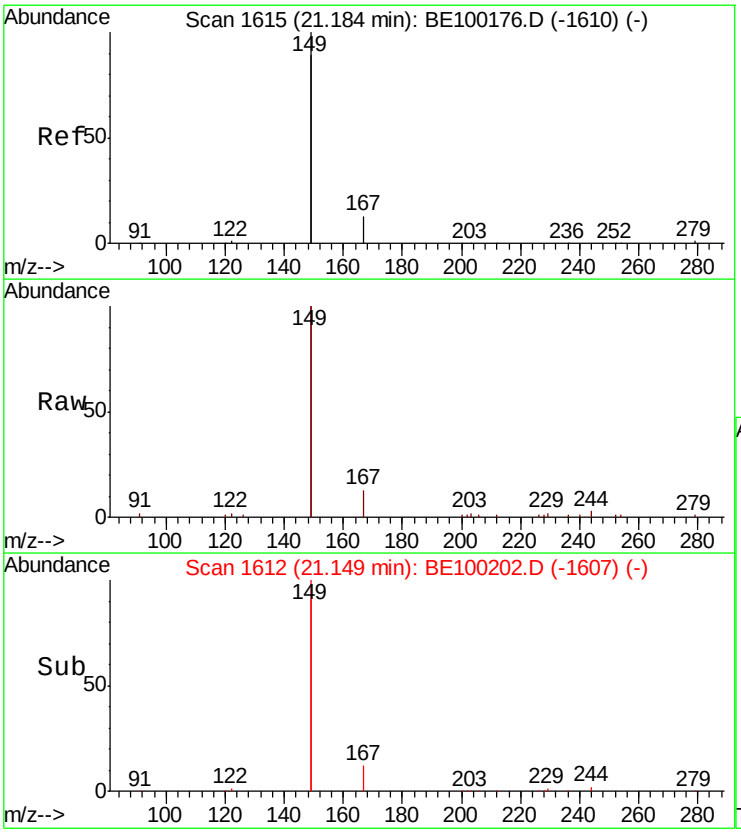
#31
Chrysene
Concen: 0.435 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.04 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 12233

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.7	35.5
229	21.0	16.5	24.7

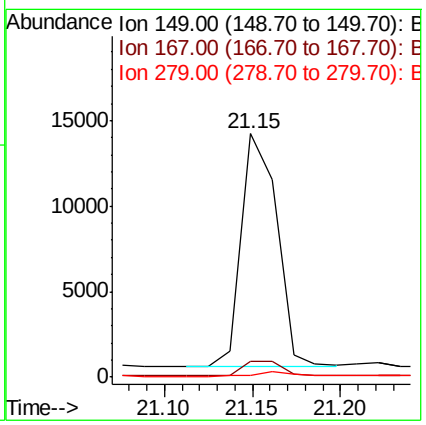


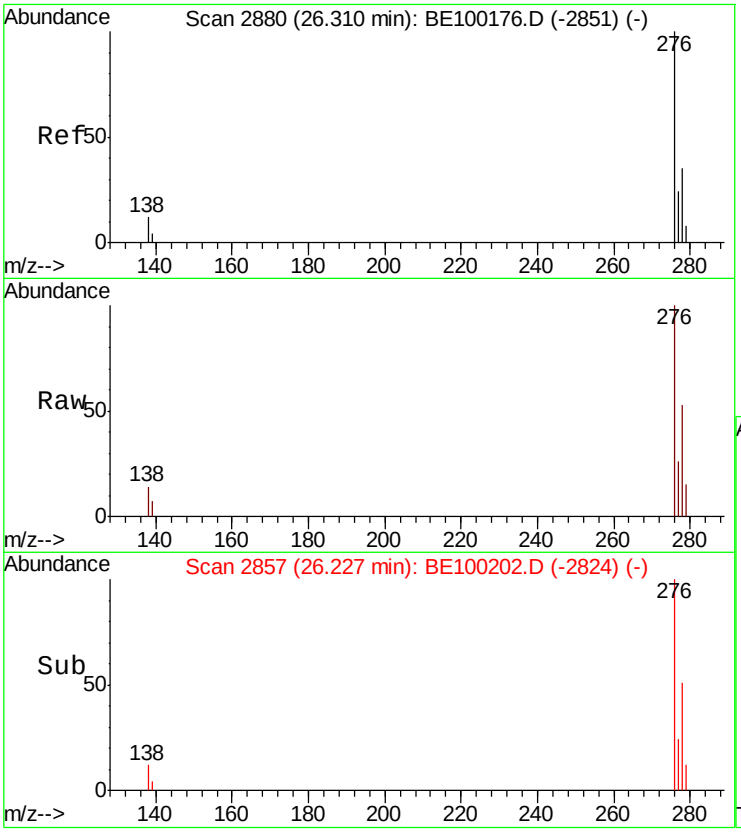


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.696 ng
RT: 21.15 min Scan# 1612
Delta R.T. -0.04 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:149 Resp: 19163

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	1.4	1.0	1.6



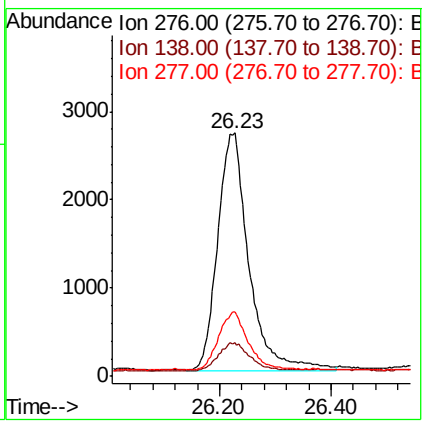


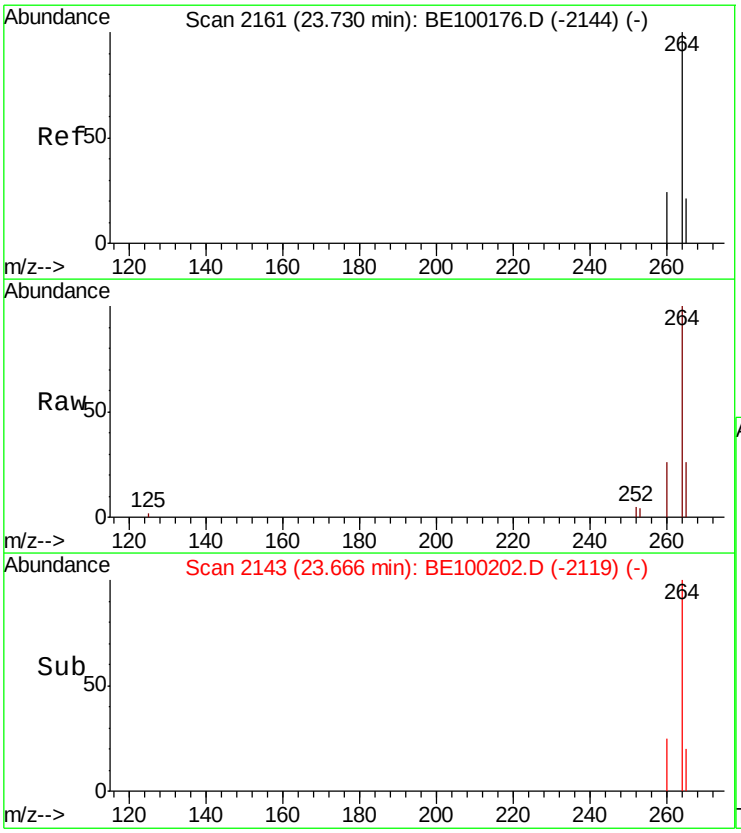
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.08 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10430

Ion	Ratio	Lower	Upper
276	100		
138	11.9	3.7	5.5#
277	23.1	18.7	28.1

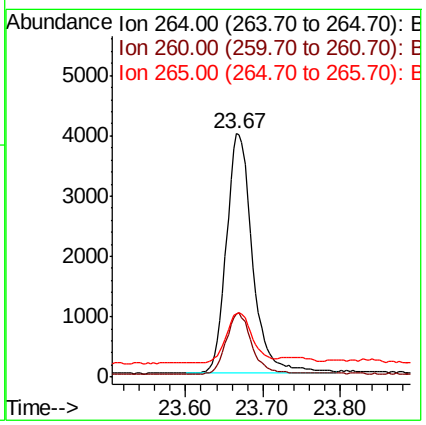


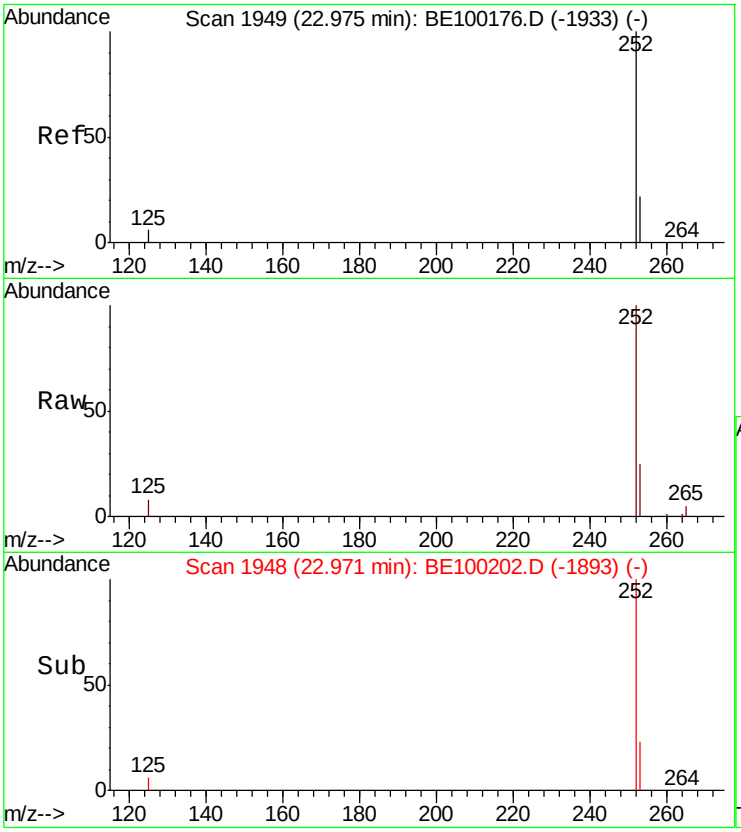


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:264 Resp: 9322

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.4	30.6
265	26.1	22.5	33.7



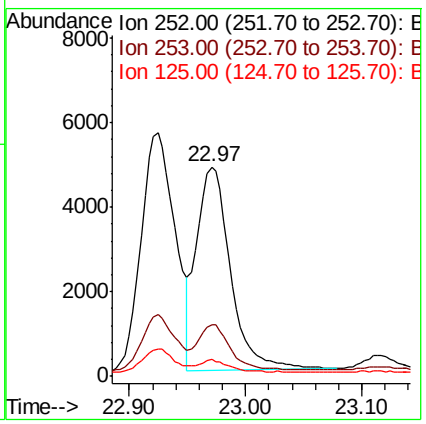


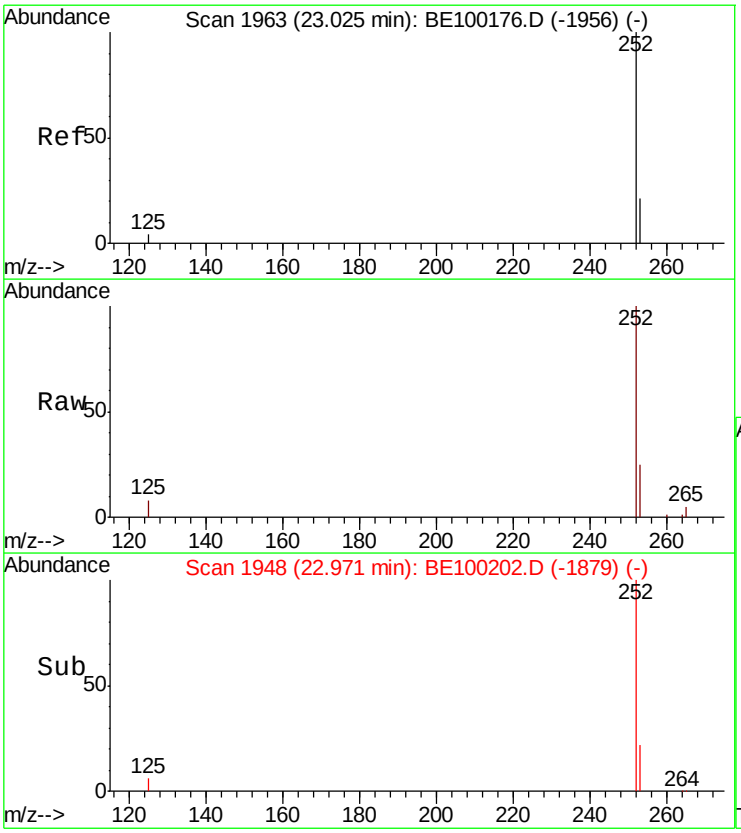
#35
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 22.97 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9753

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.0	28.4
125	7.9	6.3	9.5

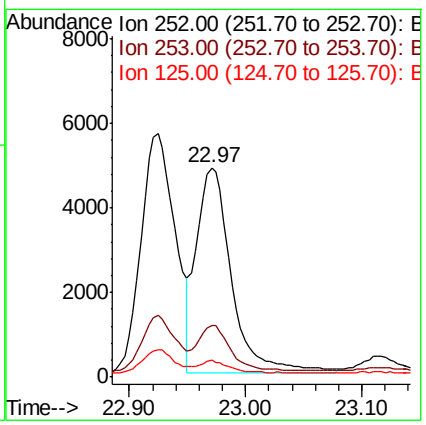


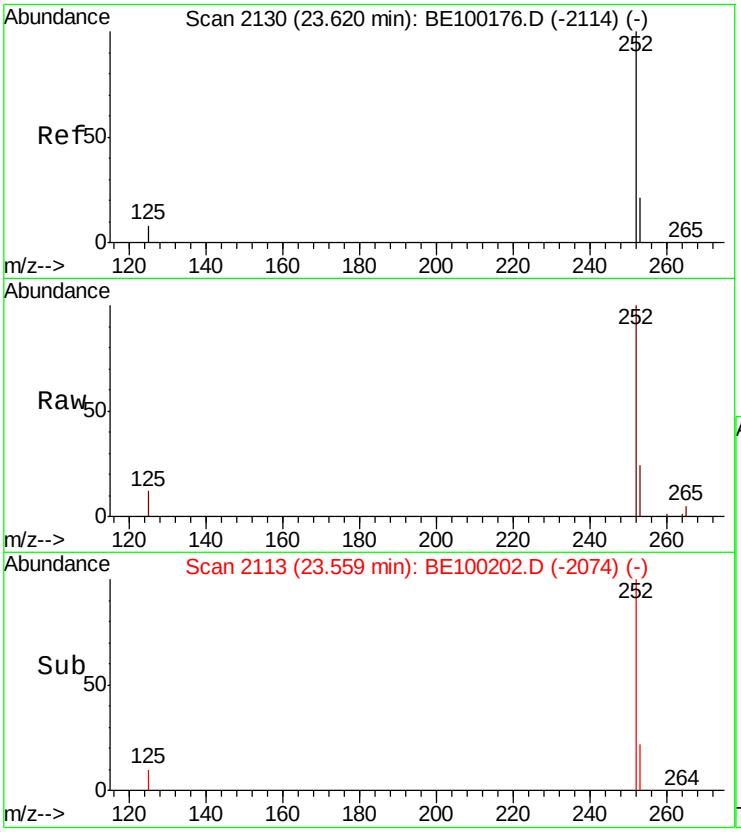


#36
Benzo(k)fluoranthene
Concen: 0.340 ng
RT: 22.97 min Scan# 1948
Delta R.T. -0.05 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:252 Resp: 10215

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.4	27.6
125	7.9	5.0	7.4#



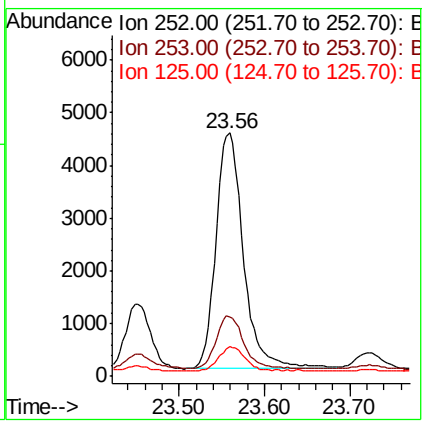


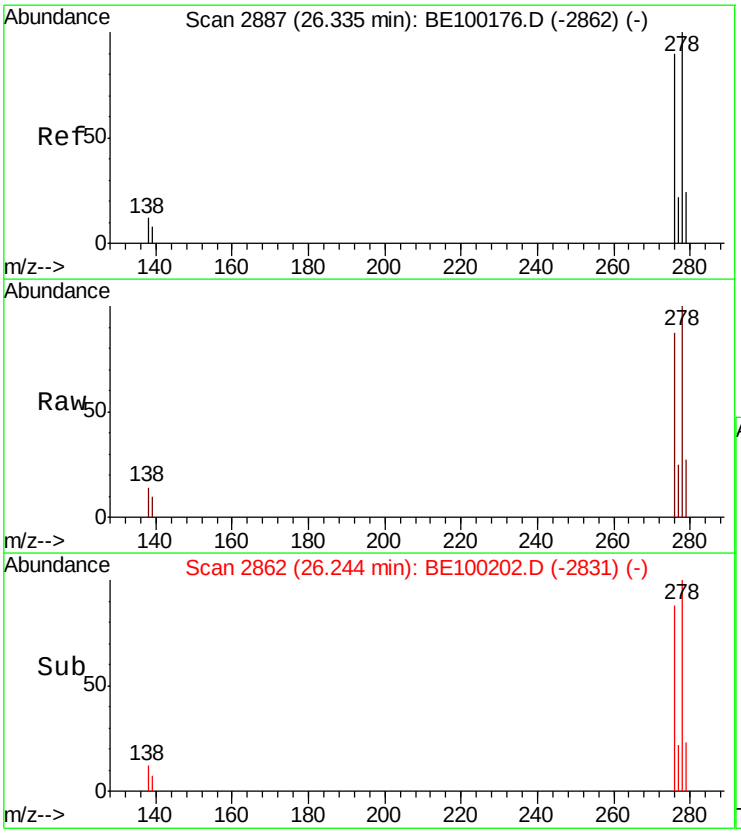
#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.56 min Scan# 2113
Delta R.T. -0.06 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10013

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.2	28.8
125	12.2	8.2	12.2#

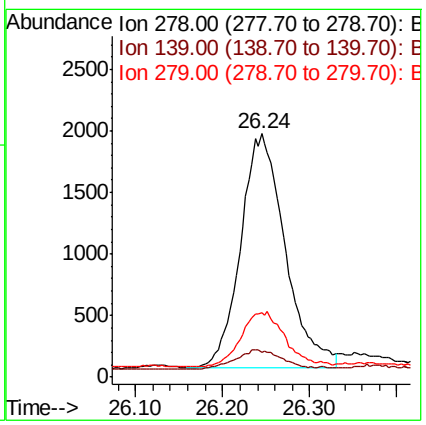


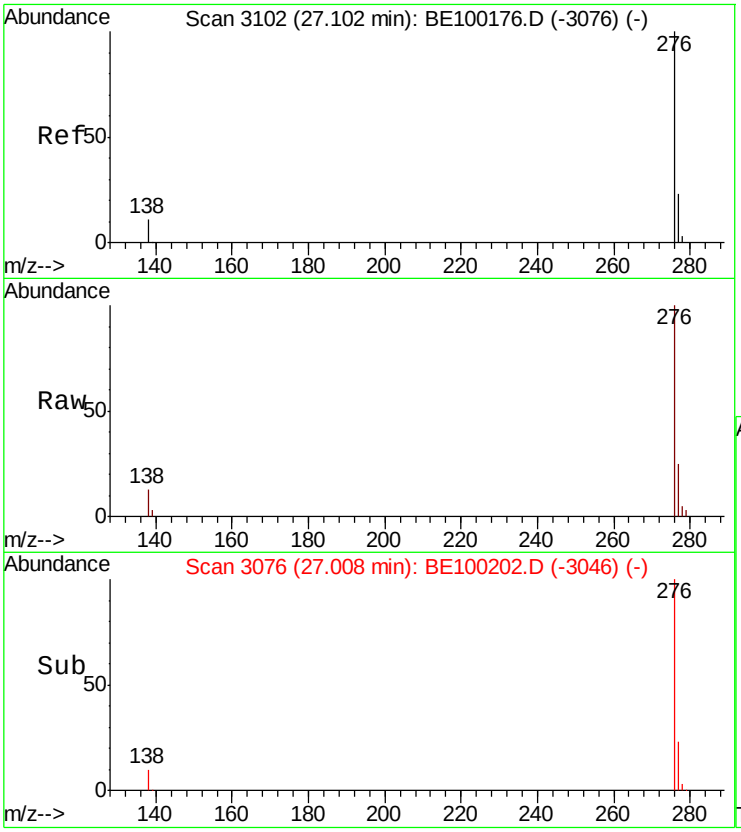


#38
Dibenzo(a,h)anthracene
Concen: 0.243 ng
RT: 26.24 min Scan# 2862
Delta R.T. -0.09 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Tgt Ion:278 Resp: 6762

Ion	Ratio	Lower	Upper
278	100		
139	10.2	9.0	13.4
279	26.5	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.320 ng
RT: 27.01 min Scan# 3076
Delta R.T. -0.09 min
Lab File: BE100202.D
Acq: 27 Jun 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9282

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.6
138	12.8	10.2	15.4