Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100203.D
Acq On : 27 Jun 2019 14:16
Operator : JU/SJ
Sample : K3428-20MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 27 18:52:39 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	7.65	152	731	0.40	ng		-0.01
7) Naphthalene-d8	10.46	136	2327	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	1725	0.40	ng		-0.01
19) Phenanthrene-d10	17.07	188	5504	0.40	ng		-0.03
27) Chrysene-d12	21.25	240	7894	0.40	ng		-0.04
34) Perylene-d12	23.67	264	9234	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	710	0.44	ng		0.00
5) Phenol-d6	6.84	99	1007	0.45	ng		-0.04
8) Nitrobenzene-d5	8.82	82	1096	0.47	ng		-0.03
11) 2-Methylnaphthalene-d10	12.07	152	1877	0.43	ng		-0.01
14) 2,4,6-Tribromophenol	15.82	330	392	0.39	ng		-0.03
15) 2-Fluorobiphenyl	12.96	172	2968	0.43	ng		-0.01
25) Fluoranthene-d10	19.10	212	29292	0.37	ng		-0.03
29) Terphenyl-d14	19.70	244	6769	0.44	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	282	0.247	ng	#	53
3) n-Nitrosodimethylamine	3.54	42	11	0.026	ng	#	1
6) bis(2-Chloroethyl)ether	7.09	93	625	0.305	ng	#	91
9) Naphthalene	10.50	128	8856	0.349	ng		98
10) Hexachlorobutadiene	10.77	225	714	0.272	ng		99
12) 2-Methylnaphthalene	12.14	142	1425	0.348	ng		98
16) Acenaphthylene	14.05	152	3085	0.367	ng		98
17) Acenaphthene	14.39	154	1553	0.329	ng		98
18) Fluorene	15.37	166	2356	0.346	ng		99
20) 4-Bromophenyl-phenylether	16.26	248	1032	0.302	ng		98
21) Hexachlorobenzene	16.37	284	980	0.262	ng		99
22) Pentachlorophenol	16.73	266	261	0.478	ng		86
23) Phenanthrene	17.11	178	6979	0.535	ng		100
24) Anthracene	17.20	178	3888	0.353	ng		96
26) Fluoranthene	19.13	202	12102	0.571	ng		100
28) Pyrene	19.49	202	13037	0.645	ng		98
30) Benzo(a)anthracene	21.23	228	11741	0.504	ng		98
31) Chrysene	21.28	228	12300	0.451	ng		98
32) Bis(2-ethylhexyl)phthalate	21.16	149	18928	0.708	ng		99
33) Indeno(1,2,3-cd)pyrene	26.23	276	10214	0.263	ng	#	96
35) Benzo(b)fluoranthene	22.98	252	9561	0.385	ng		98
36) Benzo(k)fluoranthene	22.98	252	9841	0.331	ng		96
37) Benzo(a)pyrene	23.56	252	9963	0.387	ng		97
38) Dibenzo(a,h)anthracene	26.26	278	6814	0.248	ng		99
39) Benzo(g,h,i)perylene	27.02	276	9069	0.316	ng		100

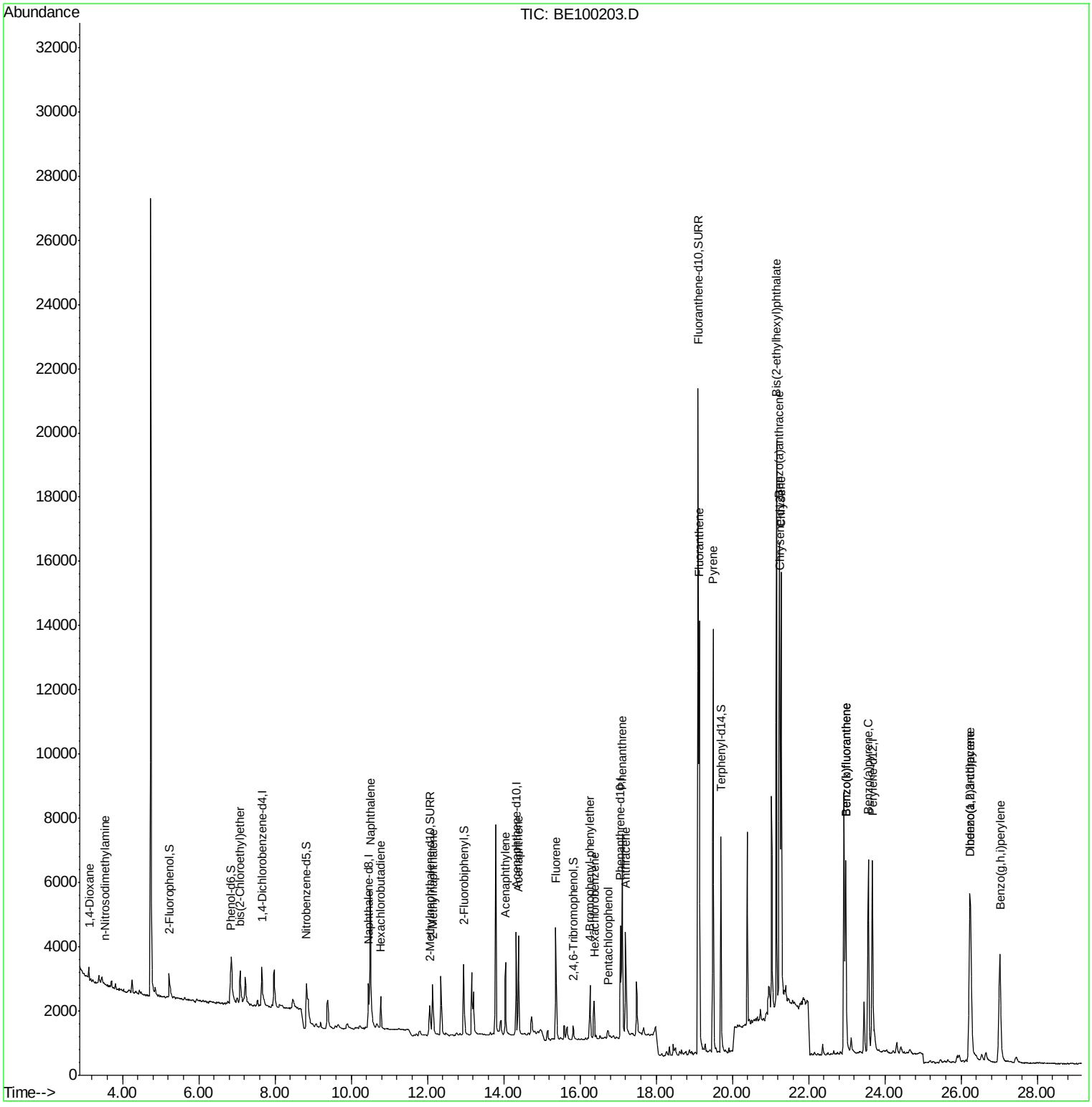
(#) = qualifier out of range (m) = manual integration (+) = signals summed

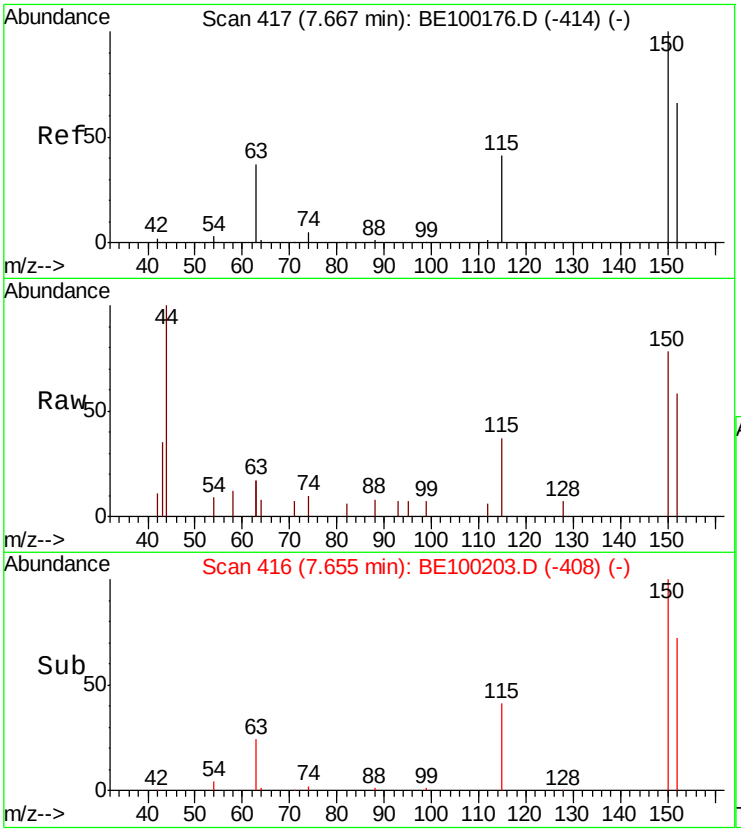
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100203.D
Acq On : 27 Jun 2019 14:16
Operator : JU/SJ
Sample : K3428-20MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 27 18:52:39 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



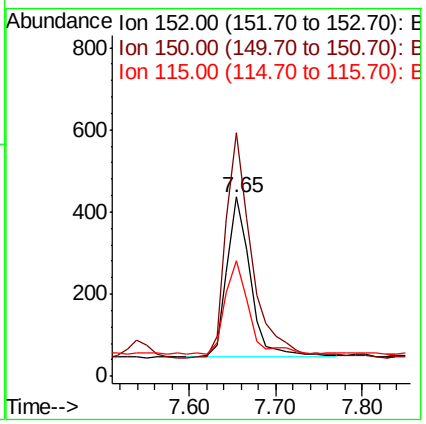


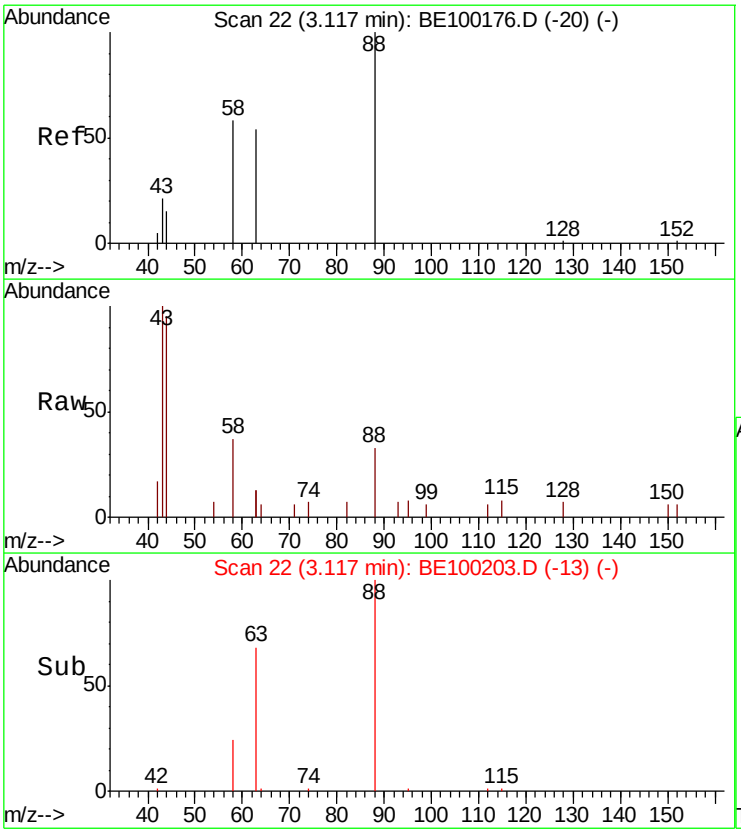
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 731

Ion	Ratio	Lower	Upper
152	100		
150	136.0	113.4	170.2
115	64.2	55.8	83.6

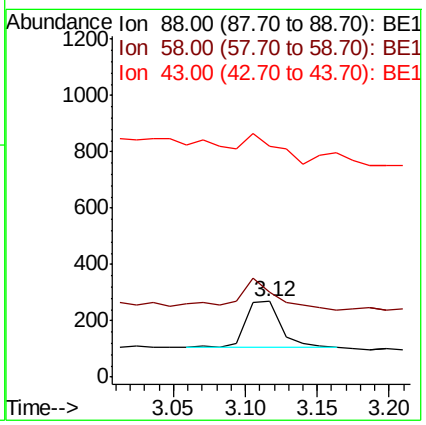


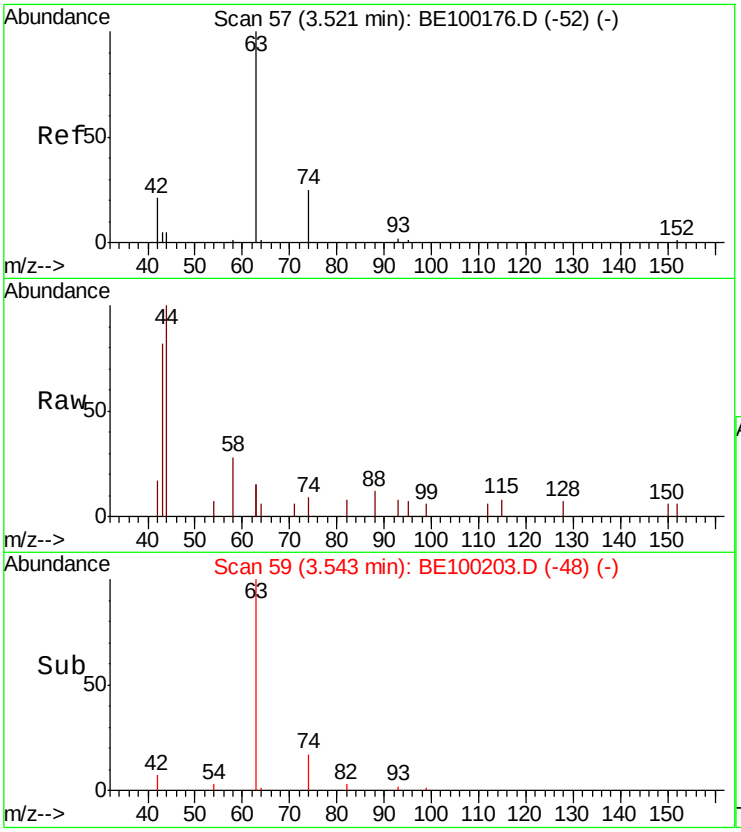


#2
1,4-Dioxane
Concen: 0.247 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion: 88 Resp: 282

Ion	Ratio	Lower	Upper
88	100		
58	83.7	43.8	65.6#
43	55.0	19.4	29.2#



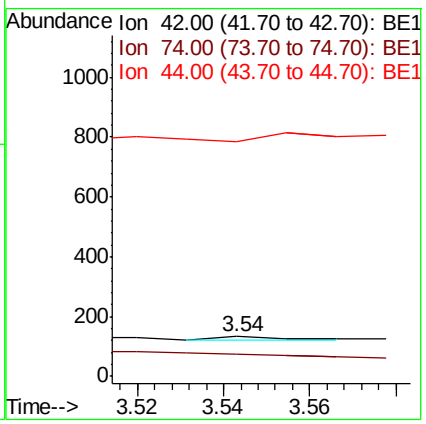


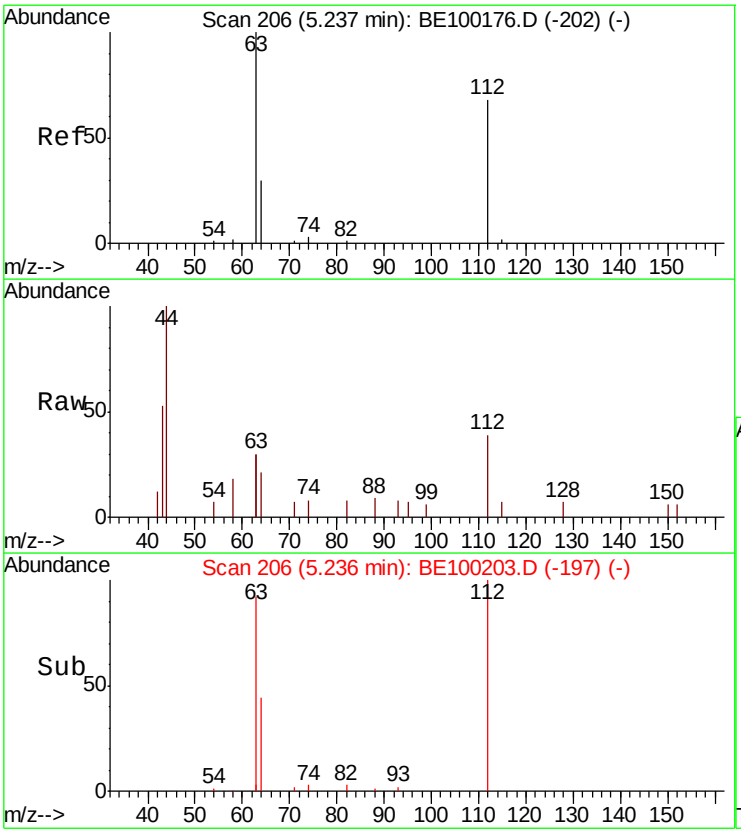
#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.54 min Scan# 59
Delta R.T. 0.02 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 11

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

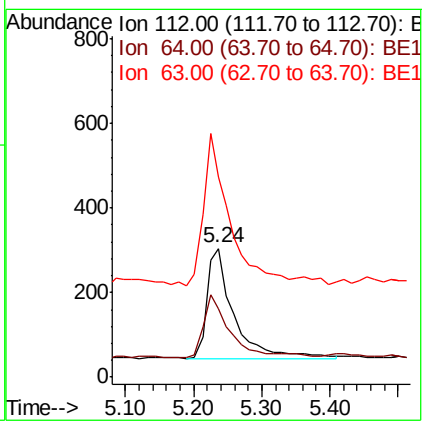


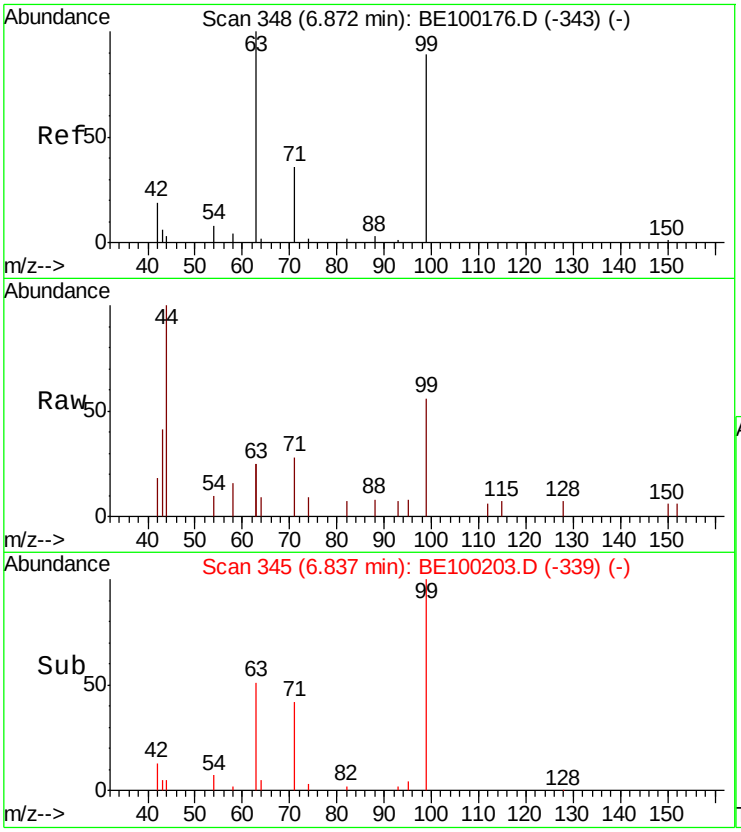


#4
2-Fluorophenol
Concen: 0.437 ng
RT: 5.24 min Scan# 206
Delta R.T. -0.00 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:112 Resp: 710

Ion	Ratio	Lower	Upper
112	100		
64	51.7	40.7	61.1
63	130.8	93.2	139.8



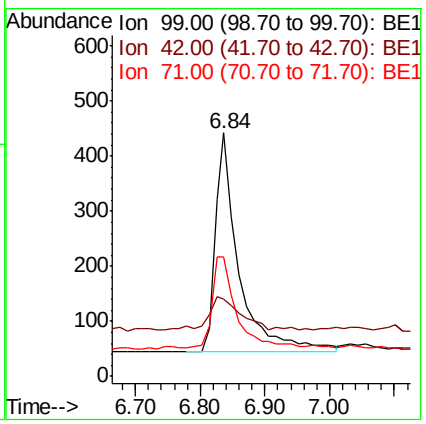


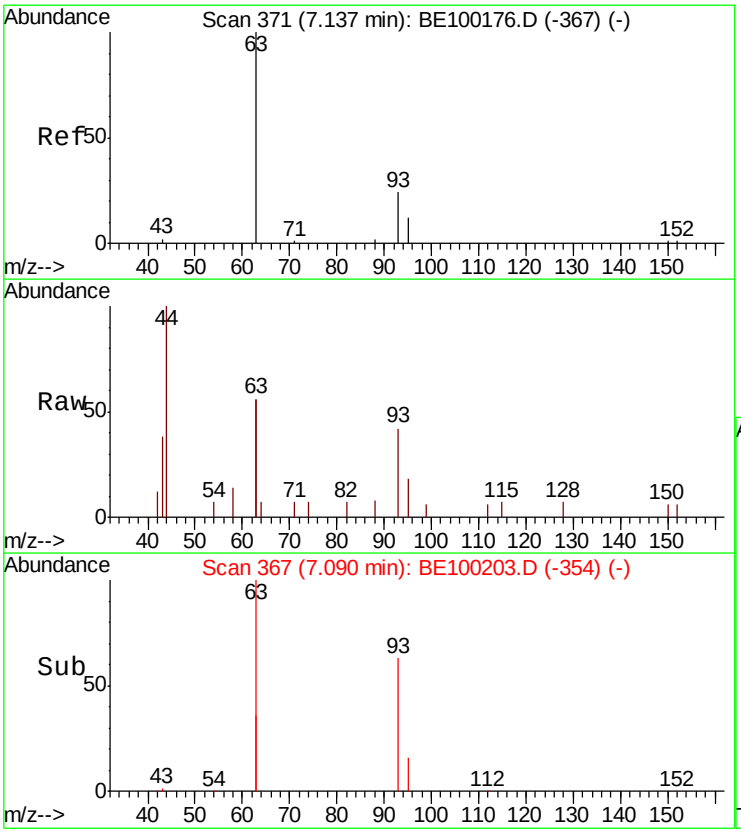
#5
Phenol-d6
Concen: 0.450 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.04 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1007

Ion	Ratio	Lower	Upper
99	100		
42	18.1	10.4	15.6#
71	42.2	32.4	48.6

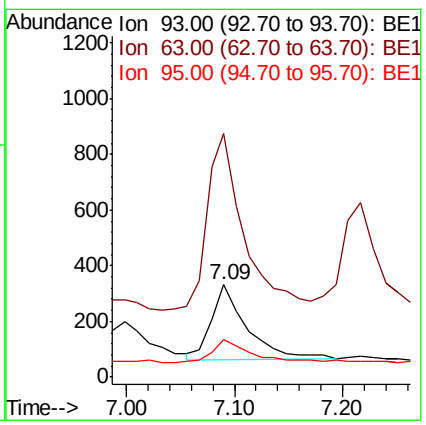


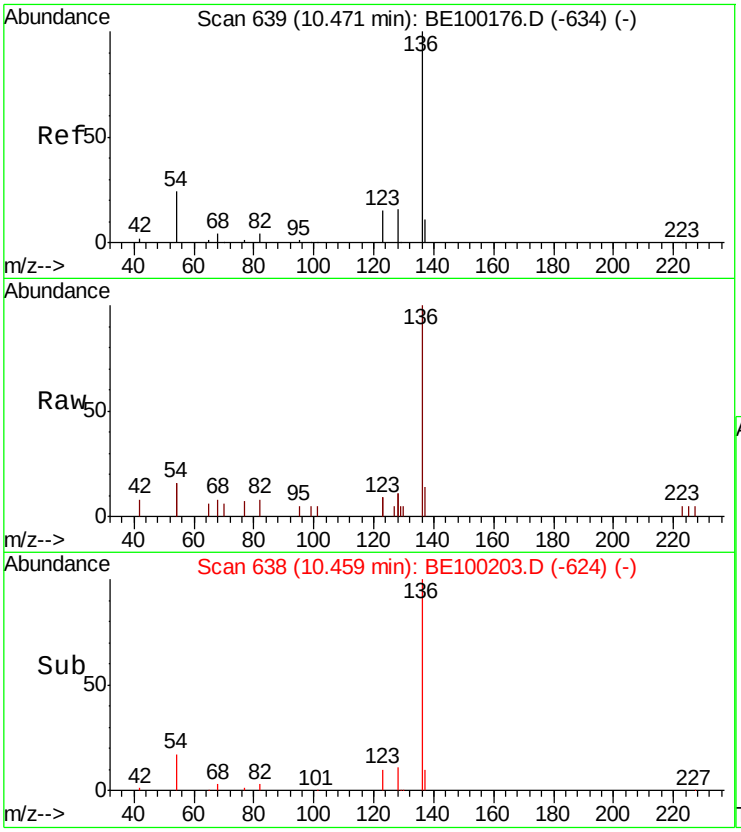


#6
bis(2-Chloroethyl)ether
Concen: 0.305 ng
RT: 7.09 min Scan# 367
Delta R.T. -0.05 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion: 93 Resp: 625

Ion	Ratio	Lower	Upper
93	100		
63	239.5	0.0	0.0#
95	30.7	21.0	31.6



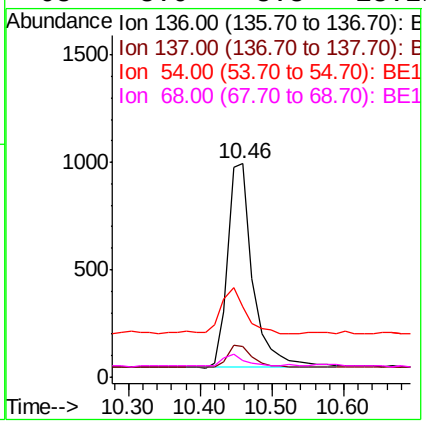


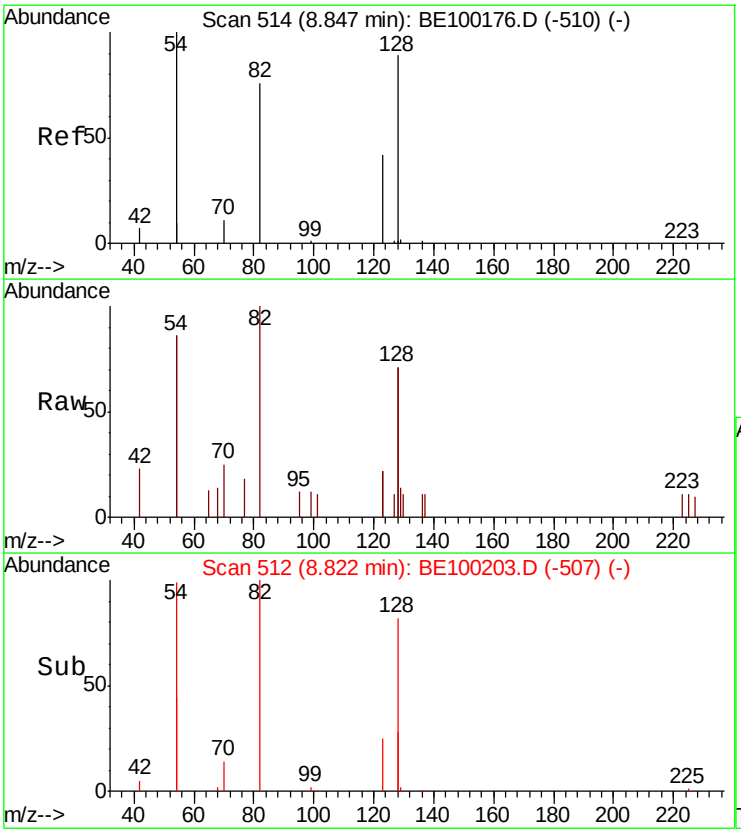
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2327

Ion	Ratio	Lower	Upper
136	100		
137	14.5	13.8	20.8
54	32.8	35.4	53.2#
68	8.0	8.8	13.2#

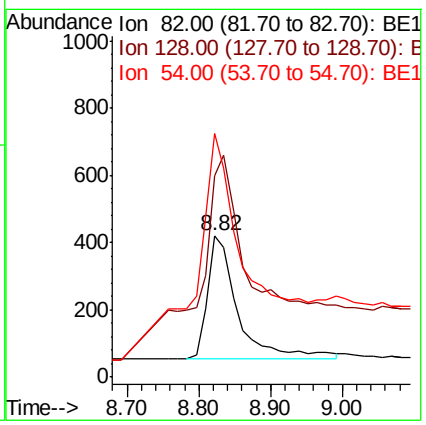


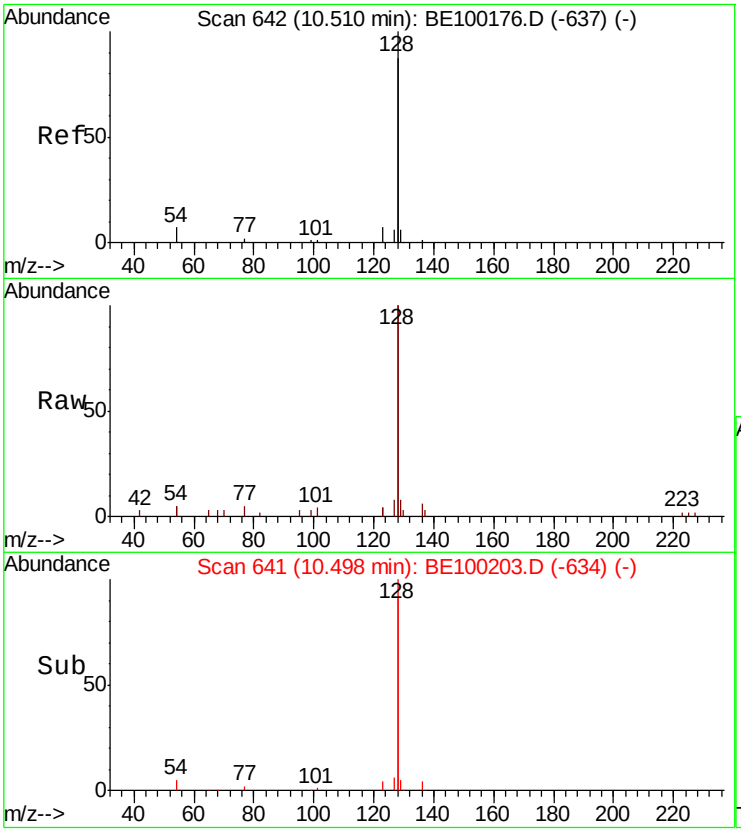


#8
Nitrobenzene-d5
Concen: 0.473 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion: 82 Resp: 1096

Ion	Ratio	Lower	Upper
82	100		
128	142.9	144.6	217.0#
54	172.4	163.0	244.6



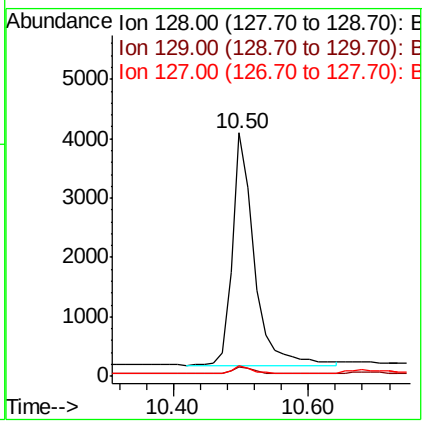


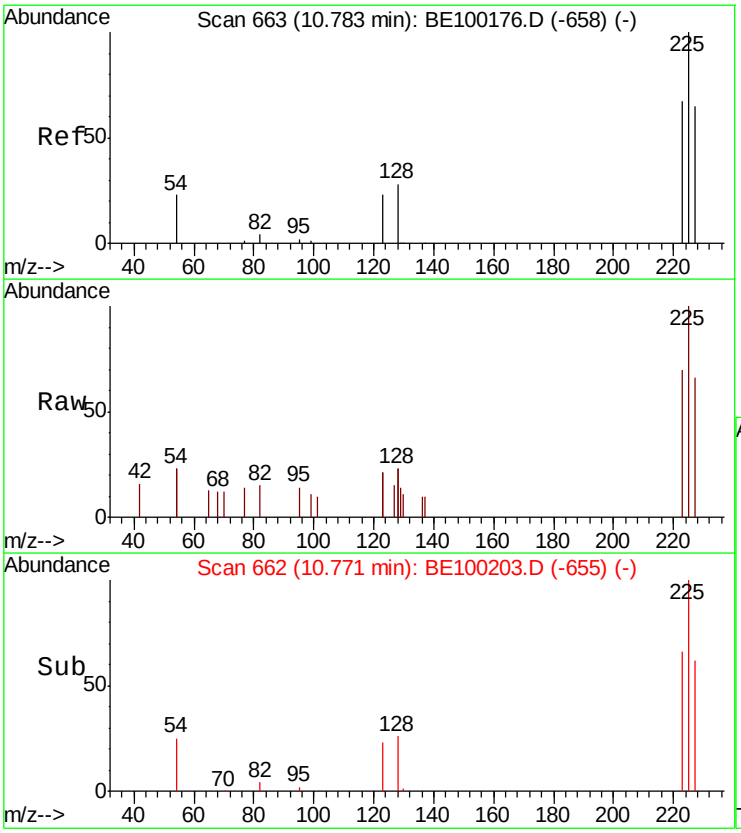
#9
Naphthalene
Concen: 0.349 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 8856

Ion	Ratio	Lower	Upper
128	100		
129	3.9	3.6	5.4
127	4.2	3.8	5.8

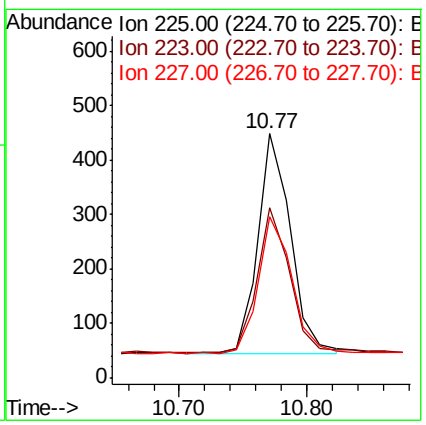


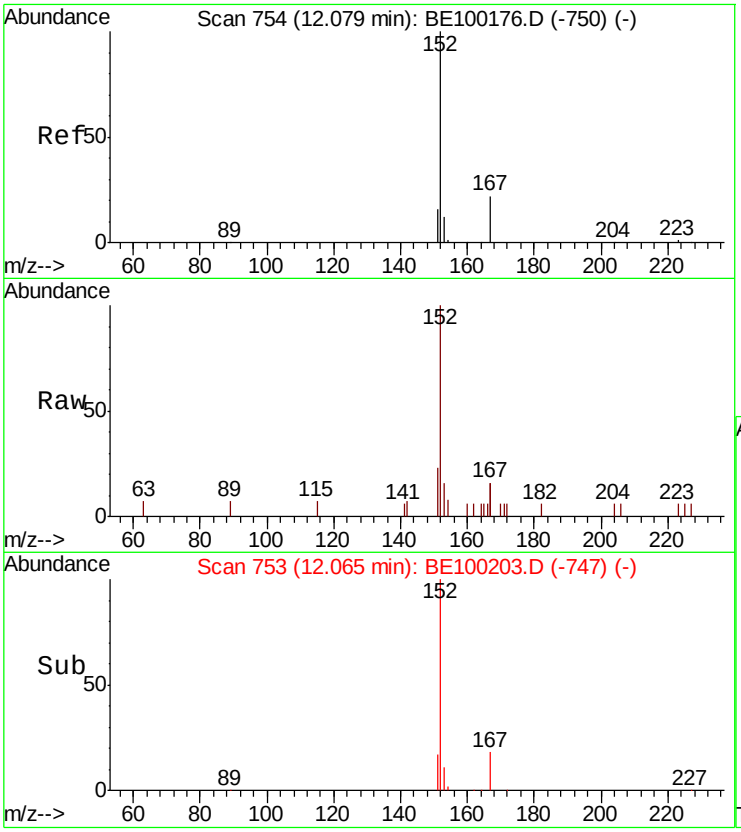


#10
Hexachlorobutadiene
Concen: 0.272 ng
RT: 10.77 min Scan# 662
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:225 Resp: 714

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.1	75.1
227	64.0	50.9	76.3



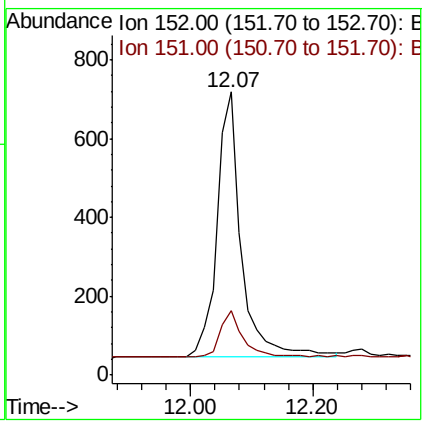


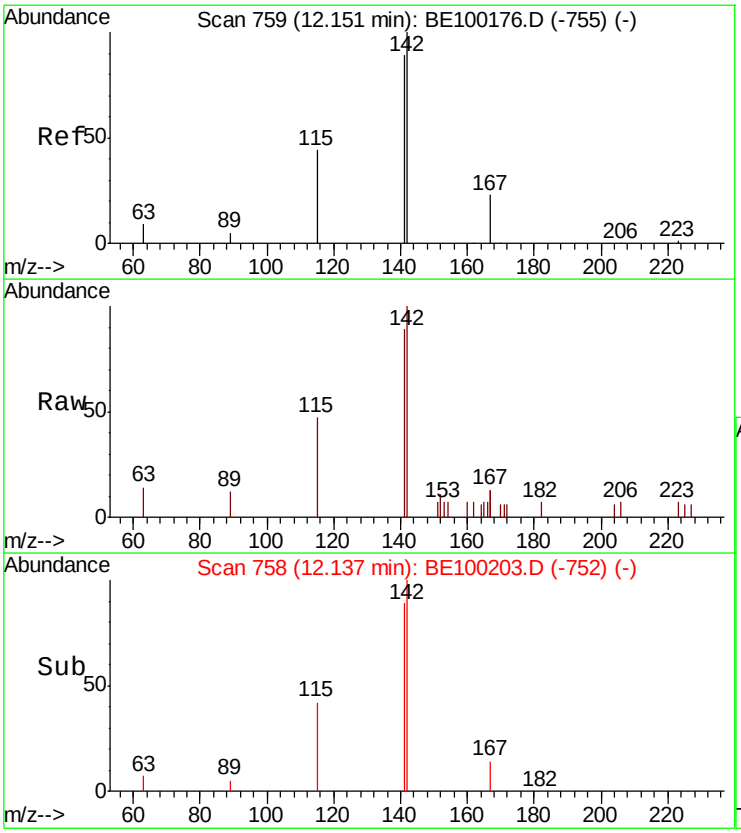
#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.07 min Scan# 753
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1877

Ion	Ratio	Lower	Upper
152	100		
151	16.8	16.3	24.5

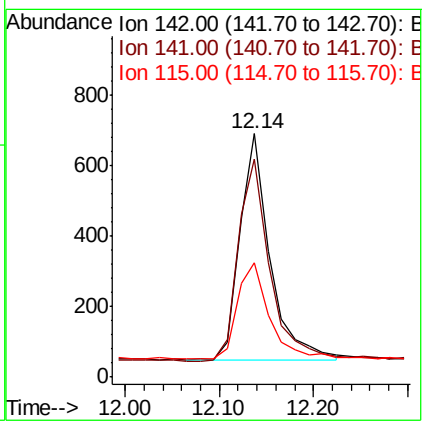


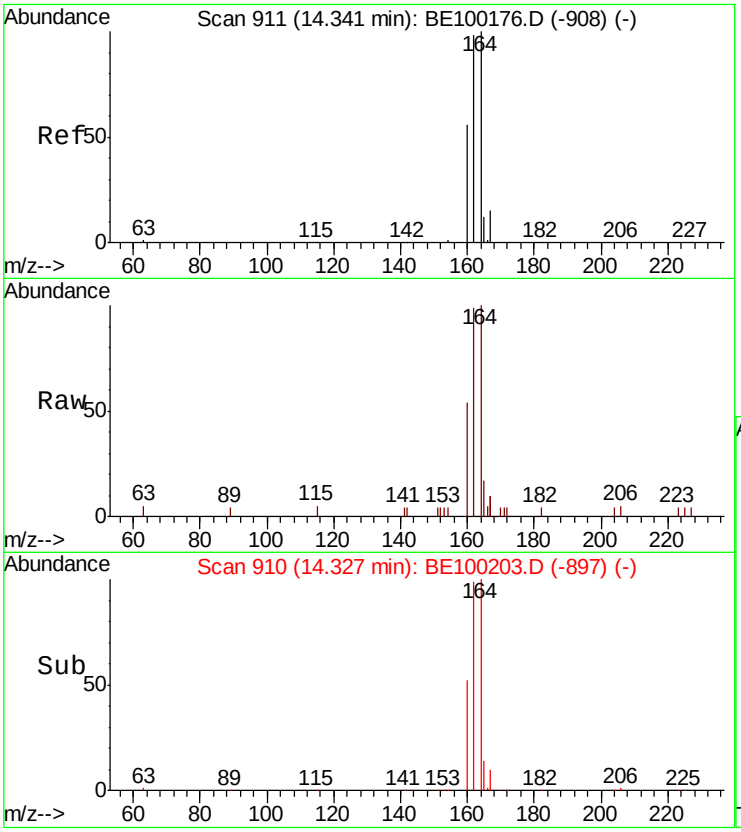


#12
2-Methylnaphthalene
Concen: 0.348 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:142 Resp: 1425

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.8	107.8
115	46.8	40.4	60.6



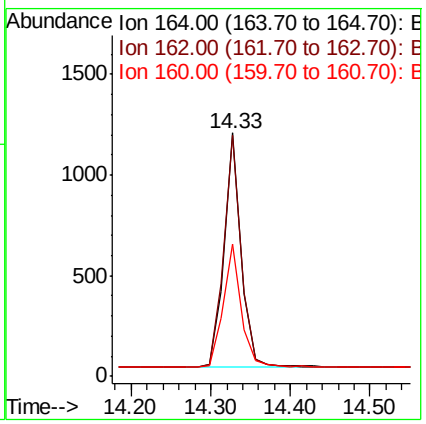


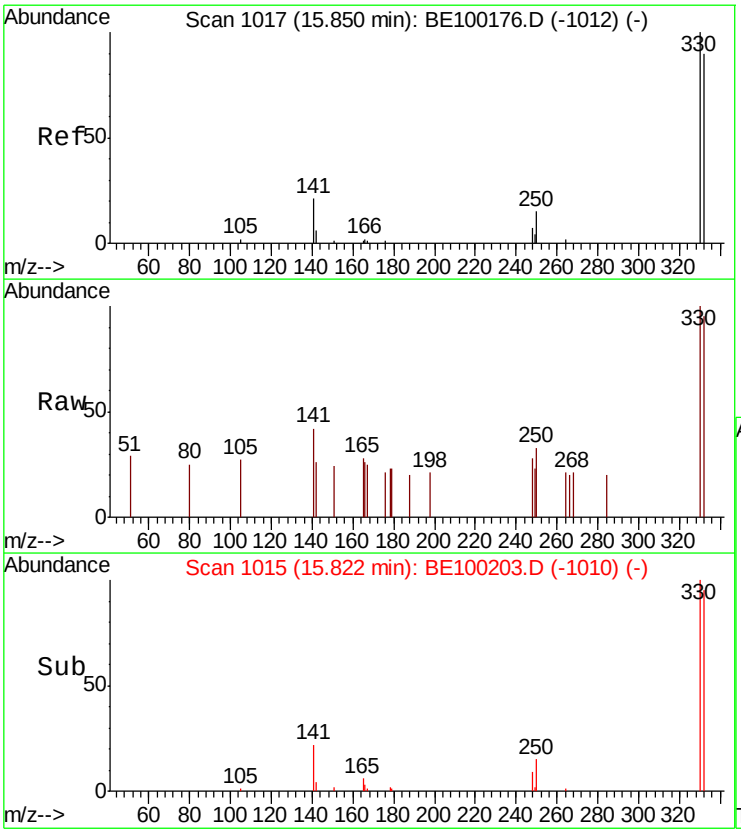
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1725

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.6	118.0
160	54.1	46.9	70.3

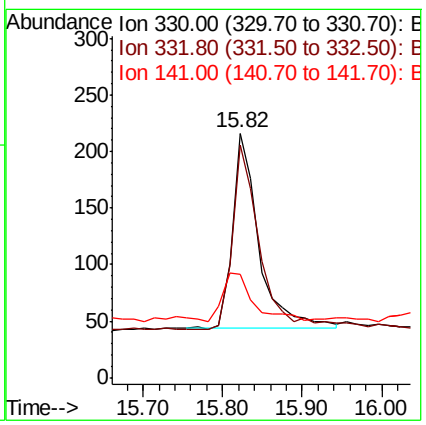


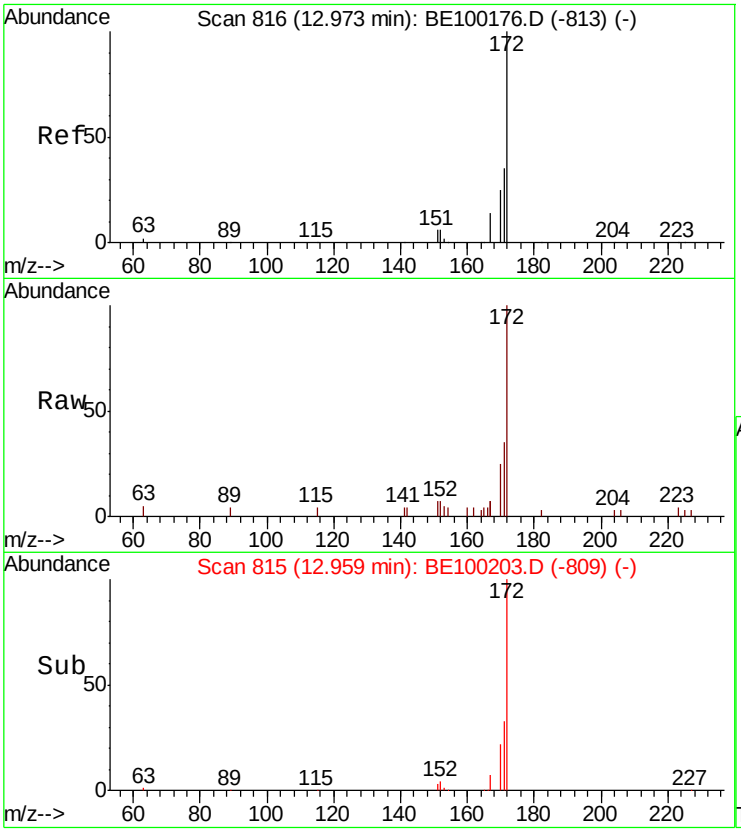


#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:330 Resp: 392

Ion	Ratio	Lower	Upper
330	100		
332	101.0	77.7	116.5
141	29.6	18.9	28.3#



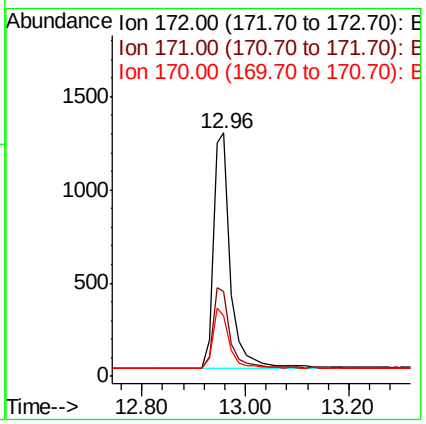


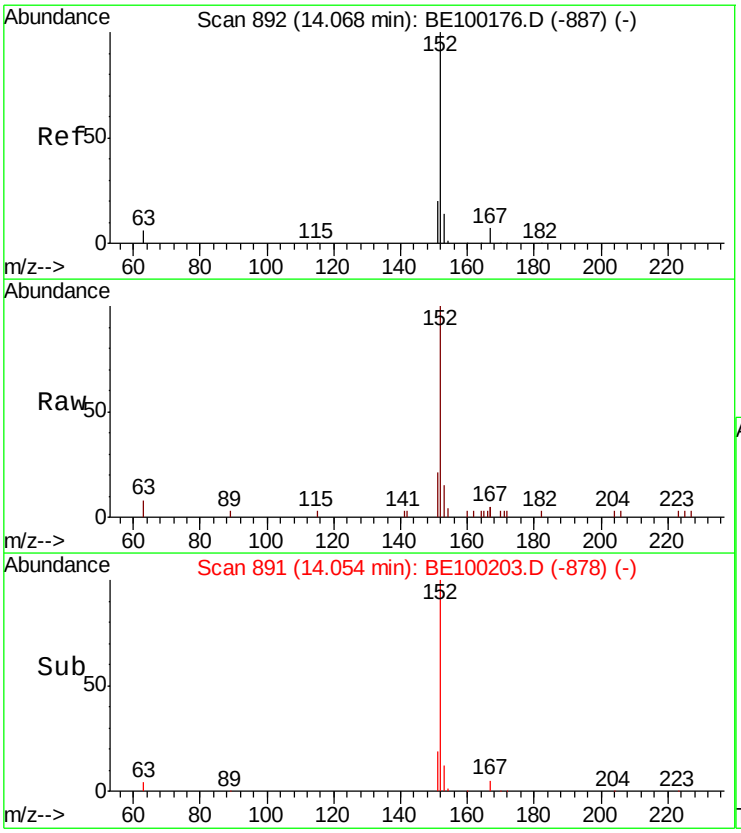
#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 12.96 min Scan# 815
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2968

Ion	Ratio	Lower	Upper
172	100		
171	35.0	31.0	46.4
170	24.7	23.9	35.9

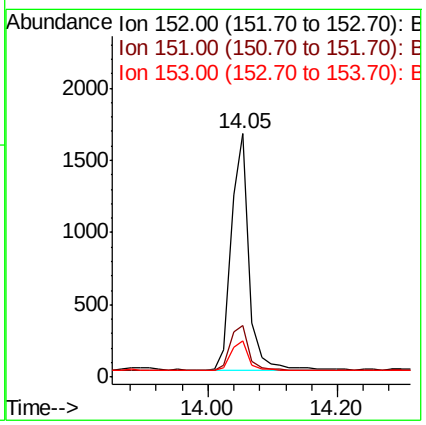


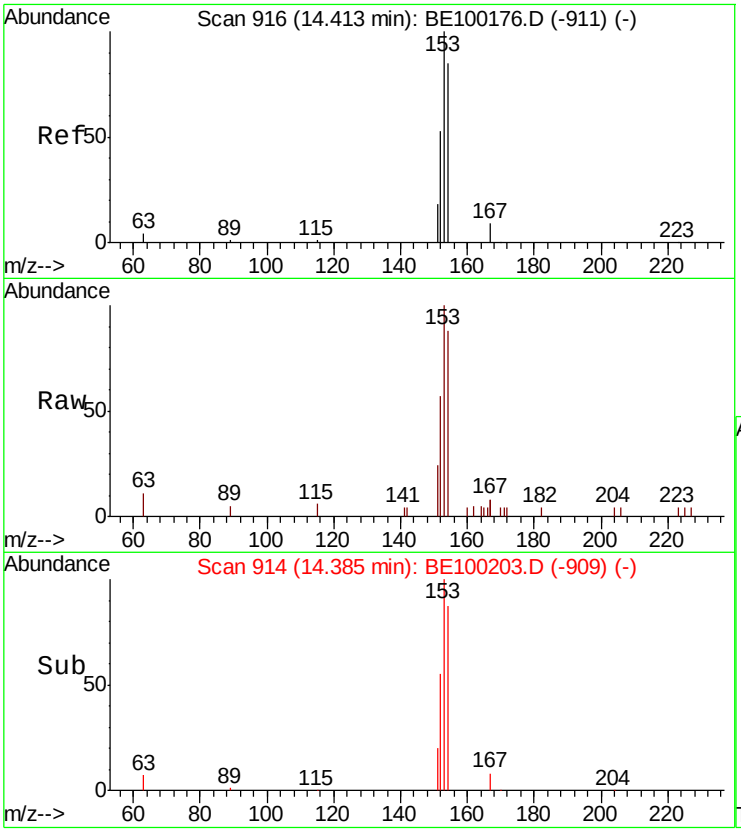


#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.05 min Scan# 891
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:152 Resp: 3085

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.4	23.0
153	12.5	10.8	16.2



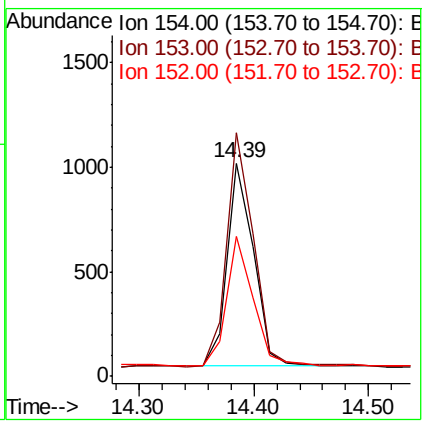


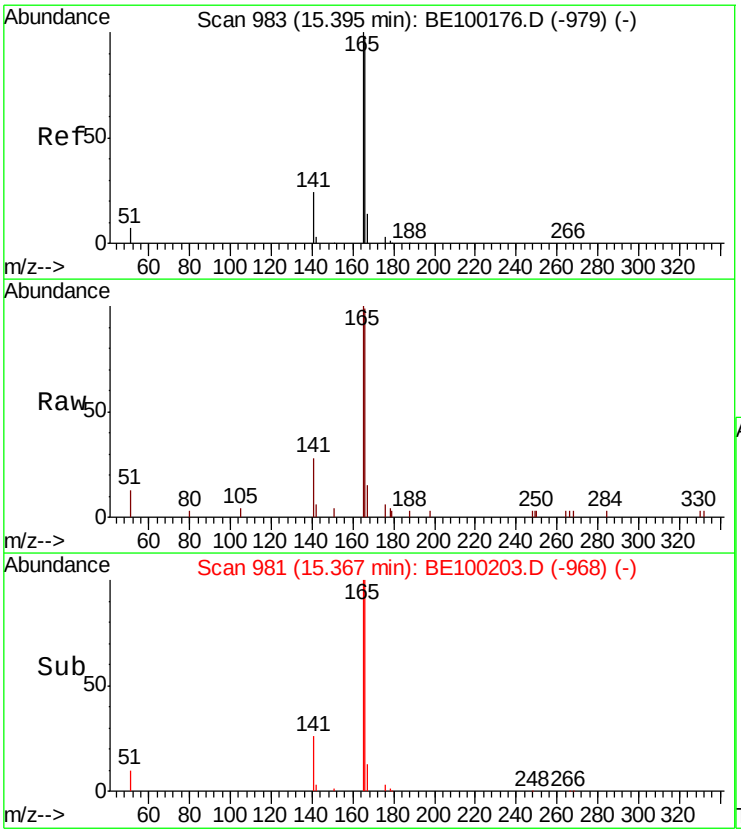
#17
Acenaphthene
Concen: 0.329 ng
RT: 14.39 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1553

Ion	Ratio	Lower	Upper
154	100		
153	116.5	95.3	142.9
152	65.1	52.9	79.3

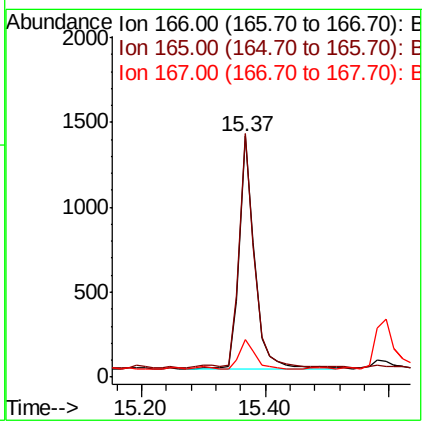


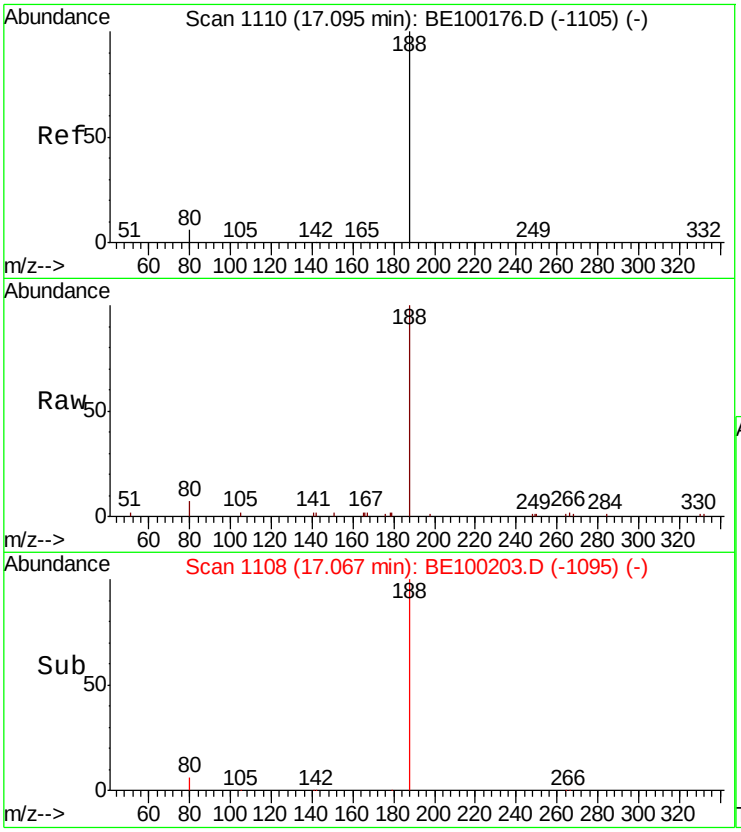


#18
Fluorene
Concen: 0.346 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:166 Resp: 2356

Ion	Ratio	Lower	Upper
166	100		
165	102.3	81.0	121.4
167	13.4	11.4	17.0



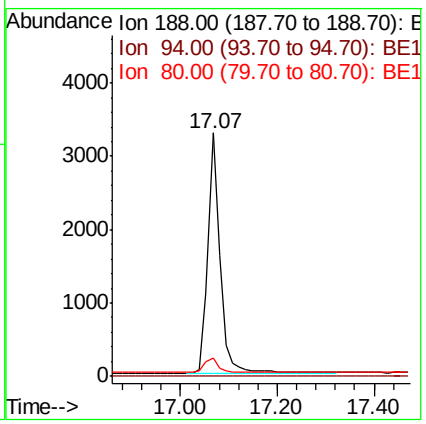


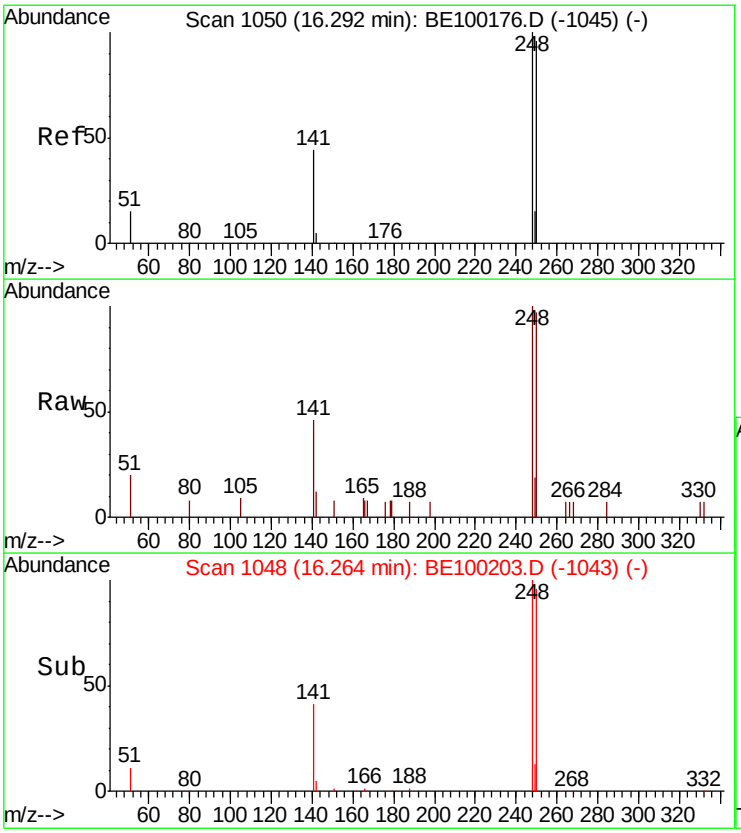
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5504

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.4	9.6

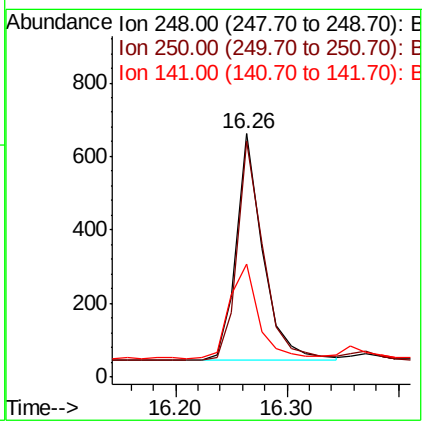


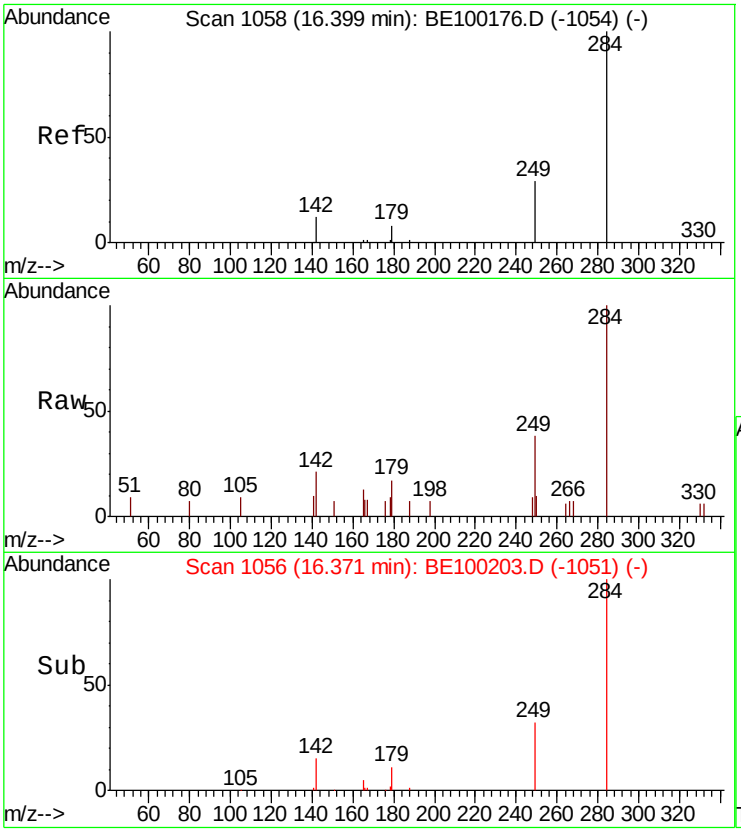


#20
4-Bromophenyl-phenylether
Concen: 0.302 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:248 Resp: 1032

Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.1	115.7
141	46.2	39.5	59.3



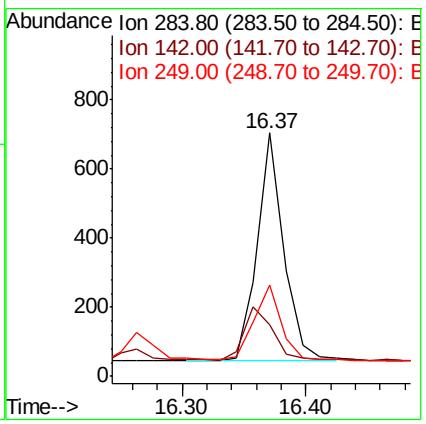


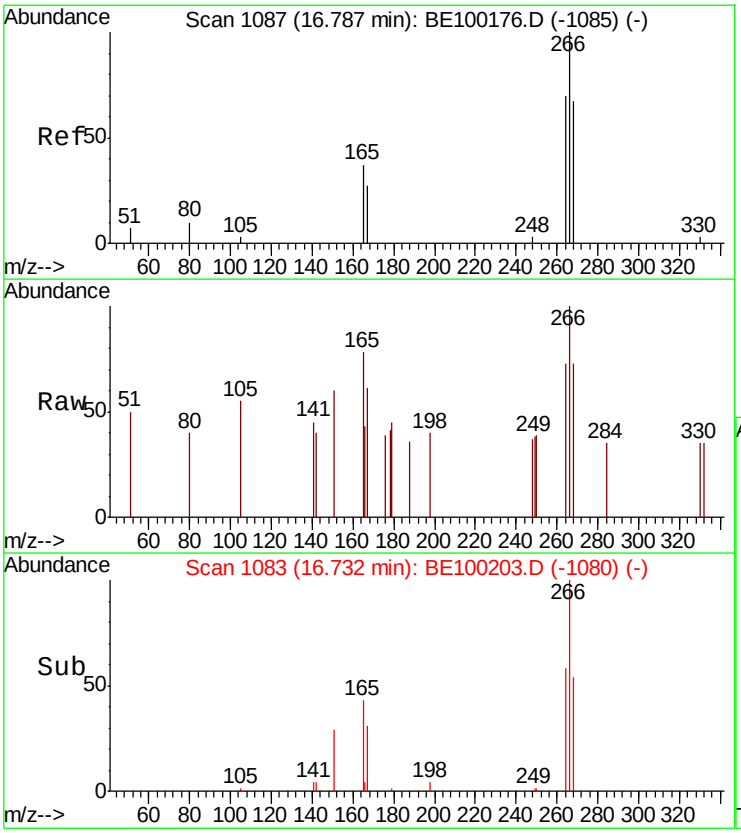
#21
Hexachlorobenzene
Concen: 0.262 ng
RT: 16.37 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 980

Ion	Ratio	Lower	Upper
284	100		
142	24.2	20.1	30.1
249	33.2	26.2	39.4

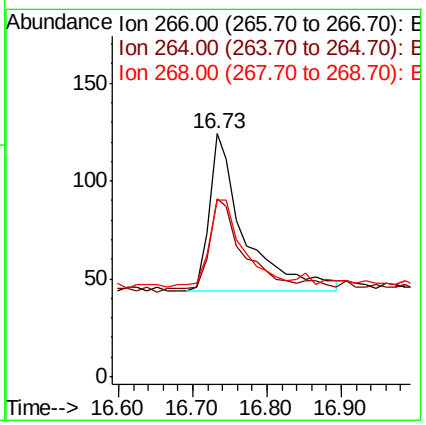


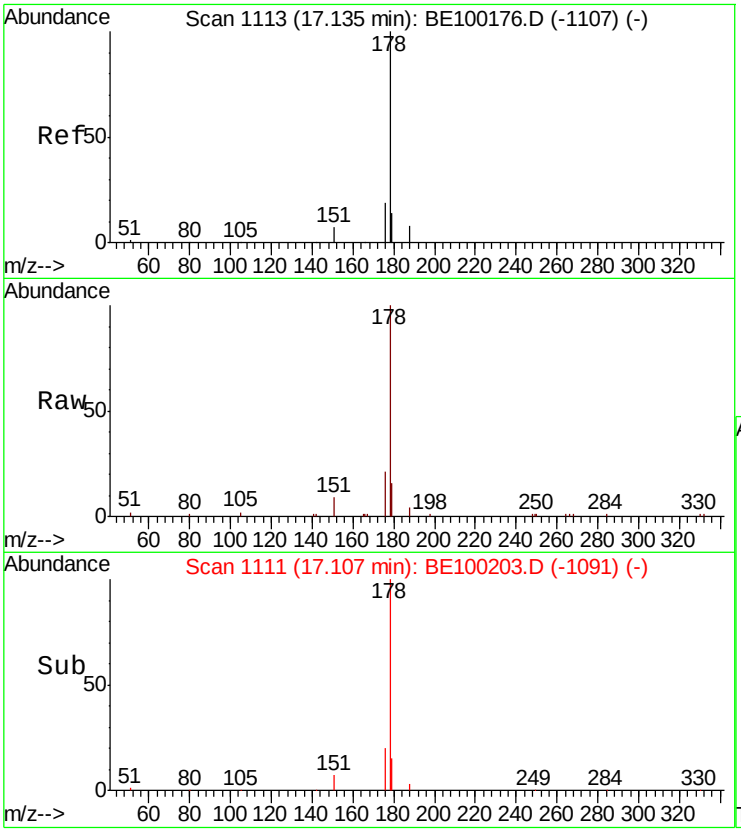


#22
Pentachlorophenol
Concen: 0.478 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.05 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:266 Resp: 261

Ion	Ratio	Lower	Upper
266	100		
264	73.4	67.7	101.5
268	72.6	69.8	104.6



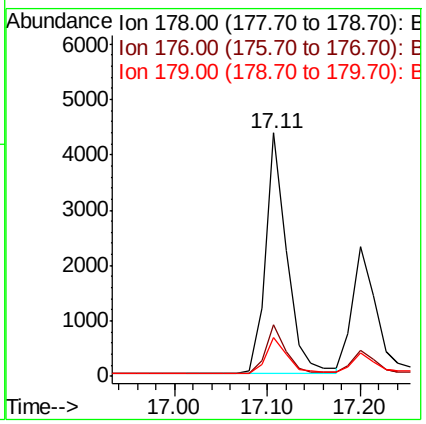


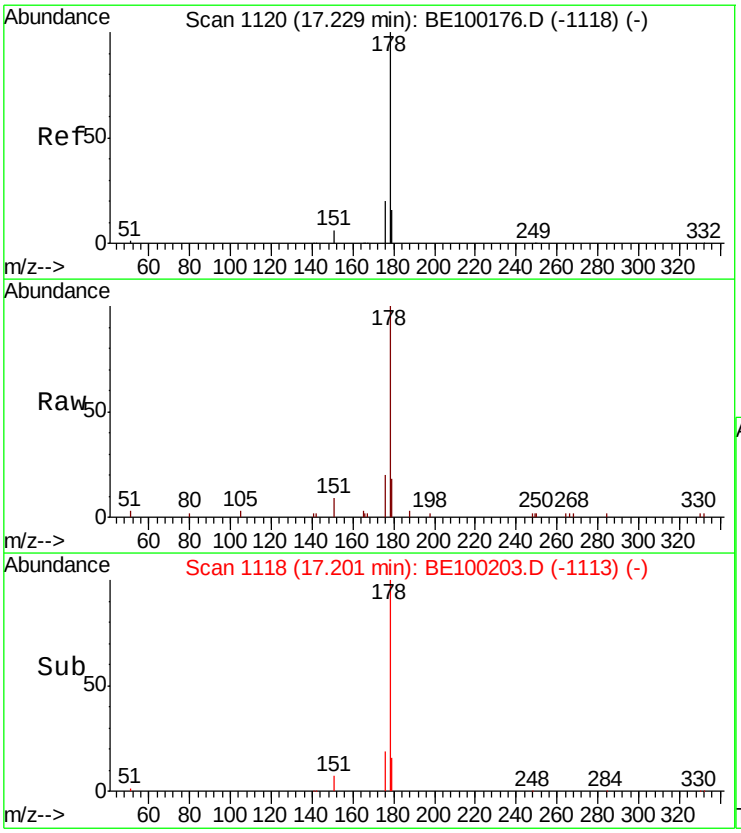
#23
Phenanthrene
Concen: 0.535 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6979

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.4	12.2	18.2

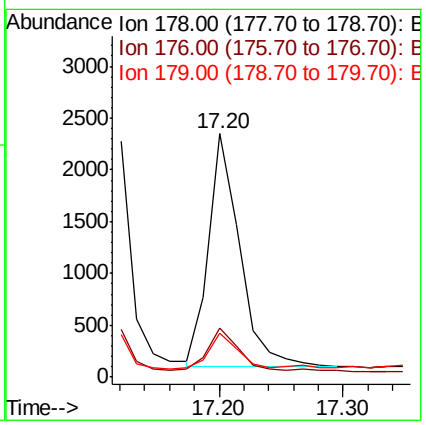


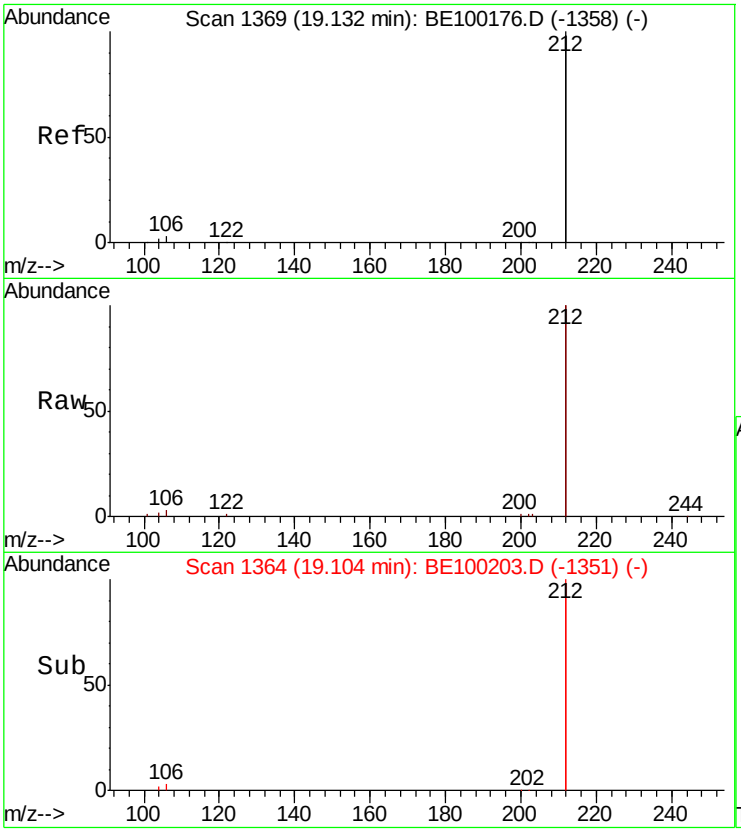


#24
Anthracene
Concen: 0.353 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:178 Resp: 3888

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	13.9	12.9	19.3



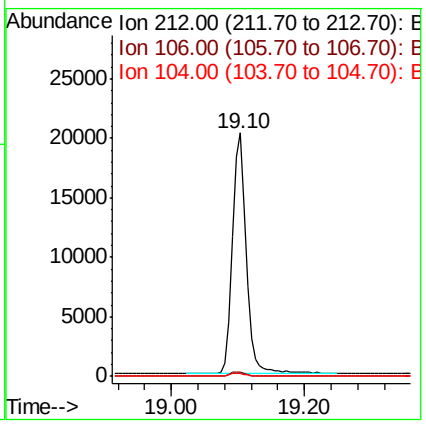


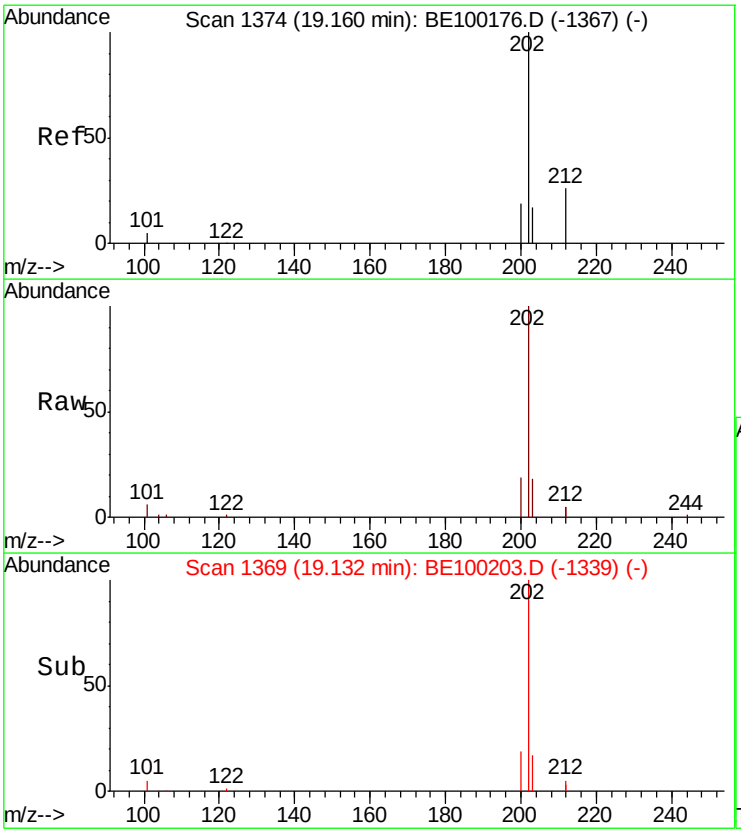
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.10 min Scan# 1364
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 29292

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

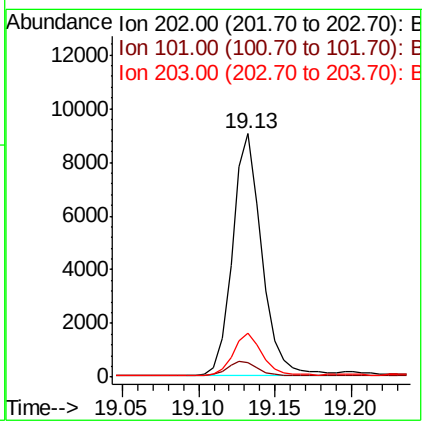


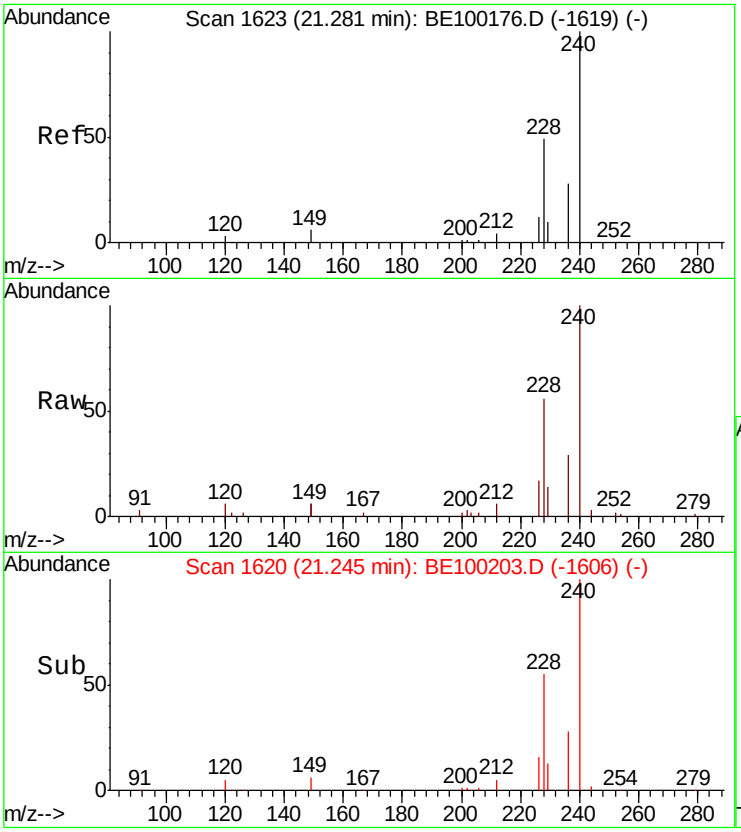


#26
Fluoranthene
Concen: 0.571 ng
RT: 19.13 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:202 Resp: 12102

Ion	Ratio	Lower	Upper
202	100		
101	6.1	4.5	6.7
203	17.1	13.7	20.5



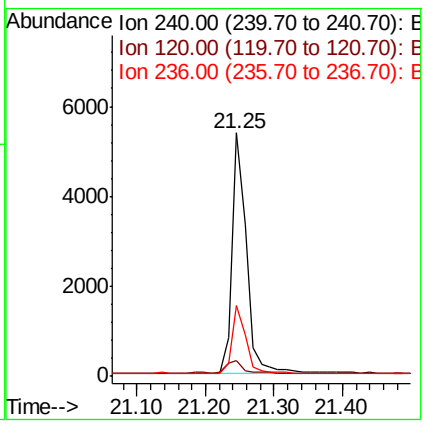


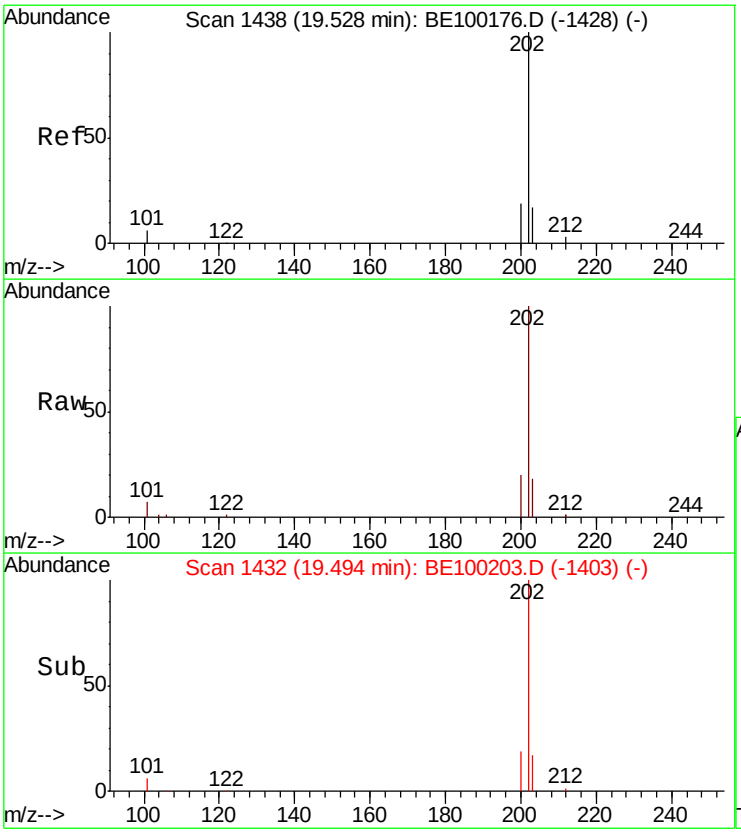
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7894

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.1	6.1#
236	29.1	23.0	34.6

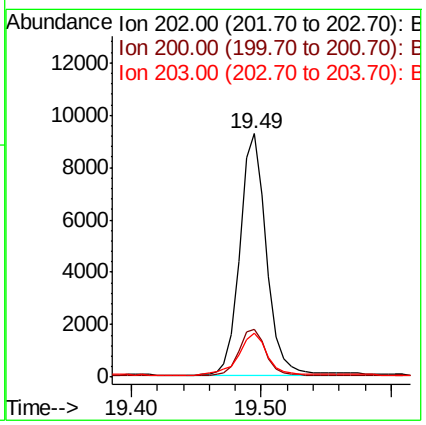


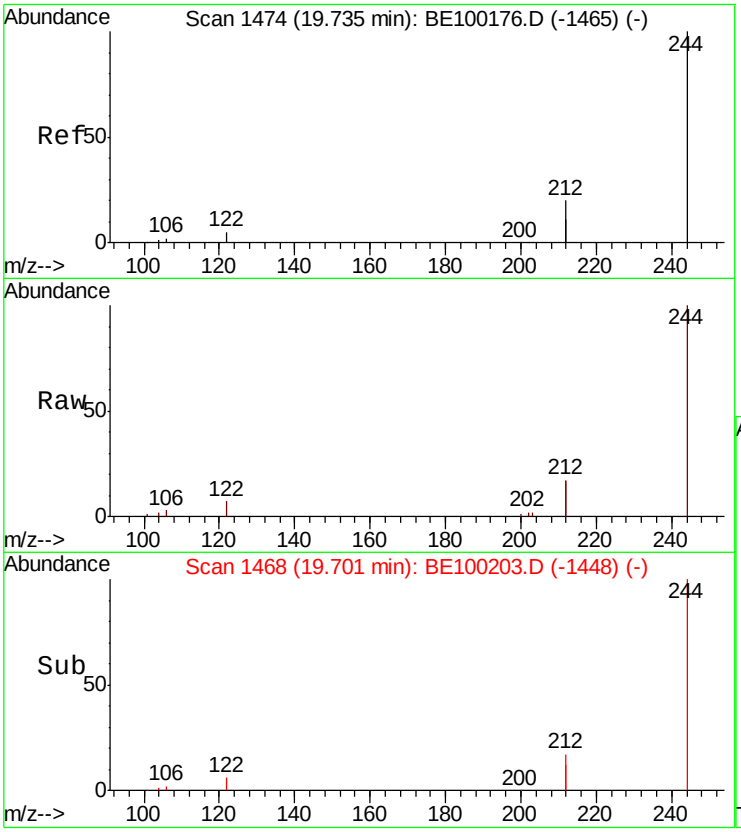


#28
Pyrene
Concen: 0.645 ng
RT: 19.49 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:202 Resp: 13037

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.5	23.3
203	18.9	13.9	20.9



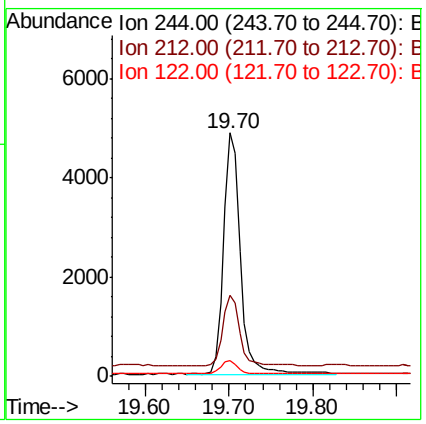


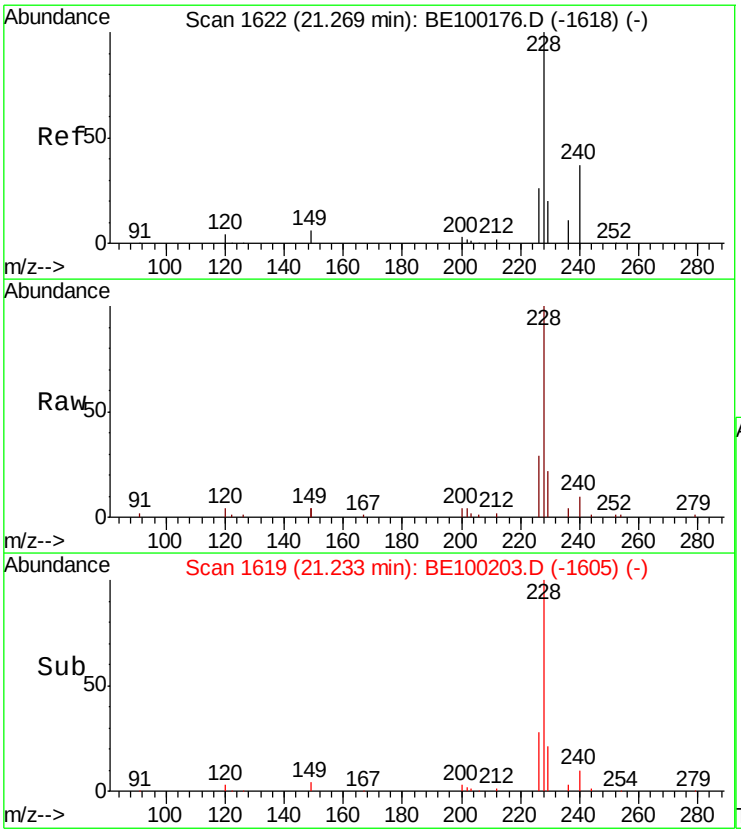
#29
Terphenyl-d14
Concen: 0.437 ng
RT: 19.70 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6769

Ion	Ratio	Lower	Upper
244	100		
212	33.3	30.7	46.1
122	6.7	5.8	8.6

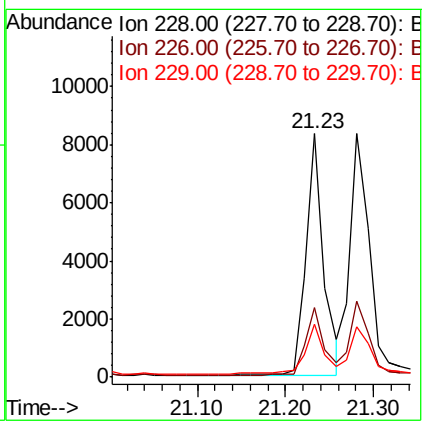


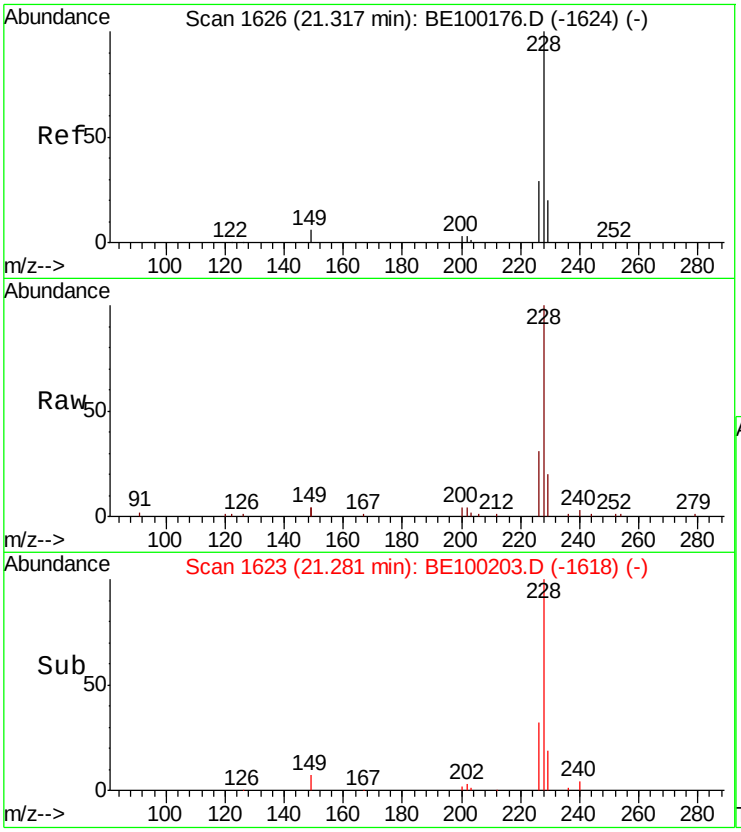


#30
Benzo(a)anthracene
Concen: 0.504 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.04 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:228 Resp: 11741

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.5	32.3
229	21.7	17.2	25.8



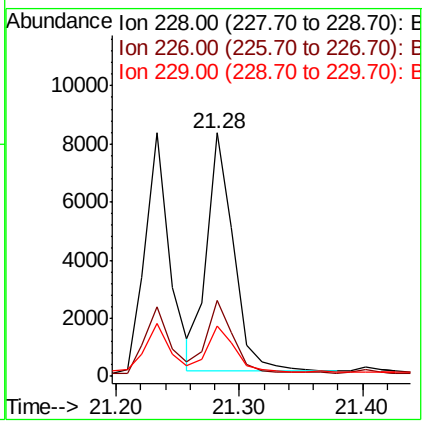


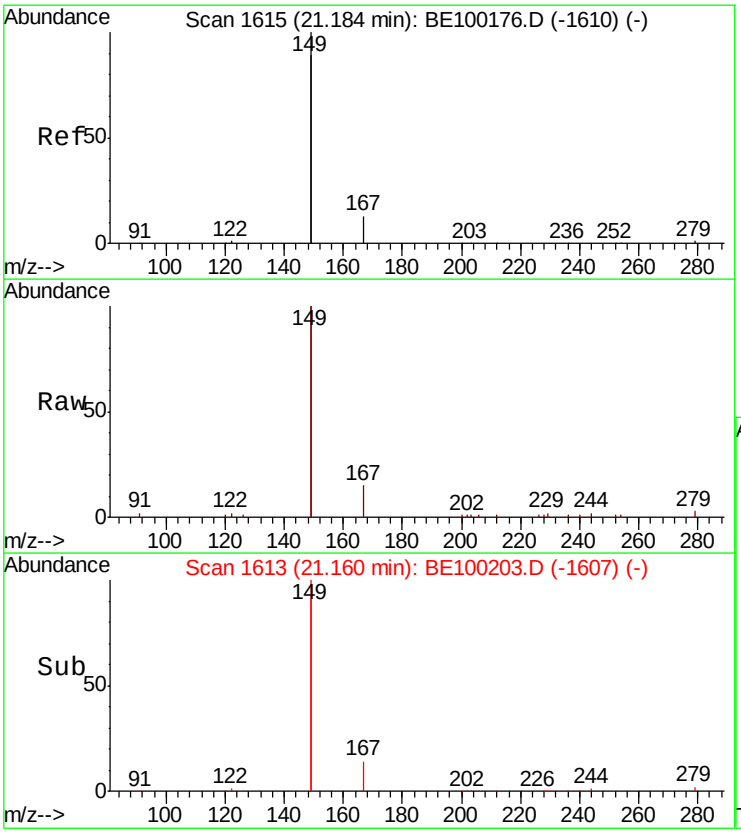
#31
Chrysene
Concen: 0.451 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.04 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 12300

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.7	35.5
229	20.5	16.5	24.7

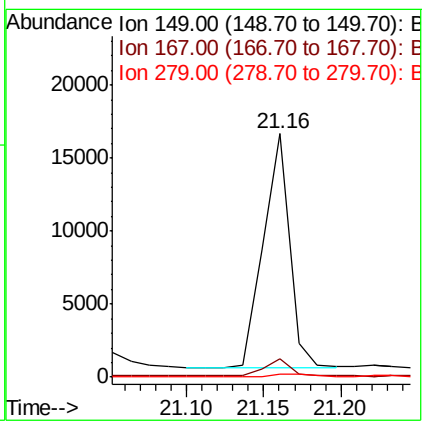


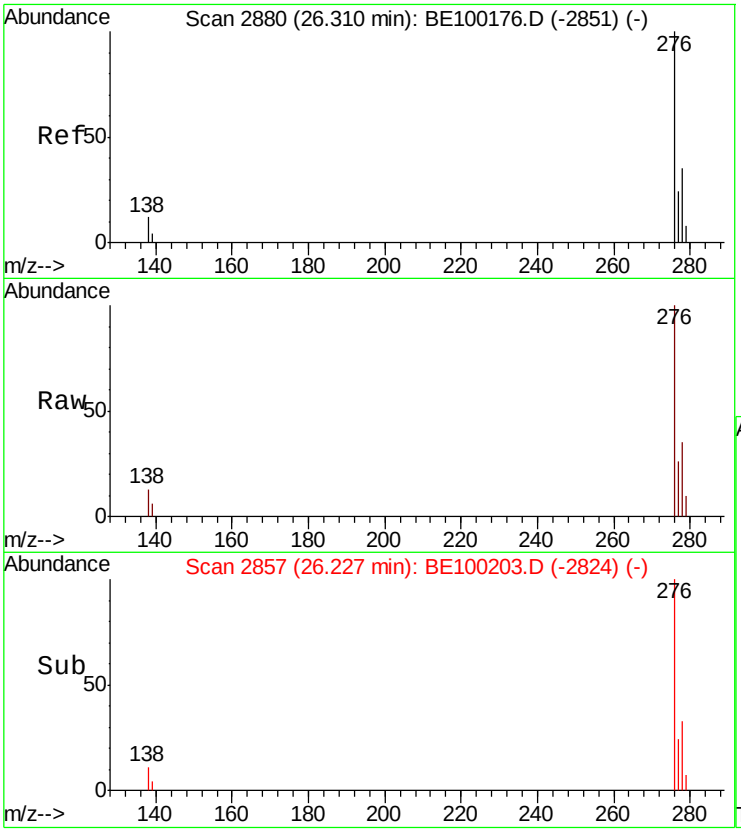


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.708 ng
RT: 21.16 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:149 Resp: 18928

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.9	8.9
279	1.4	1.0	1.6



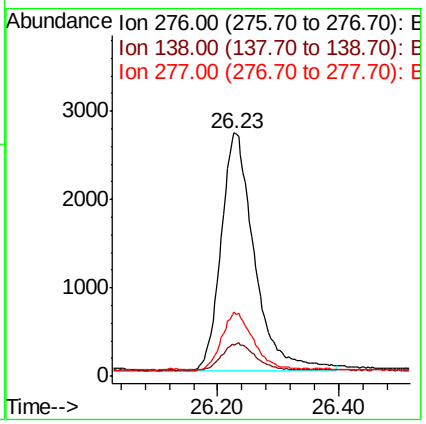


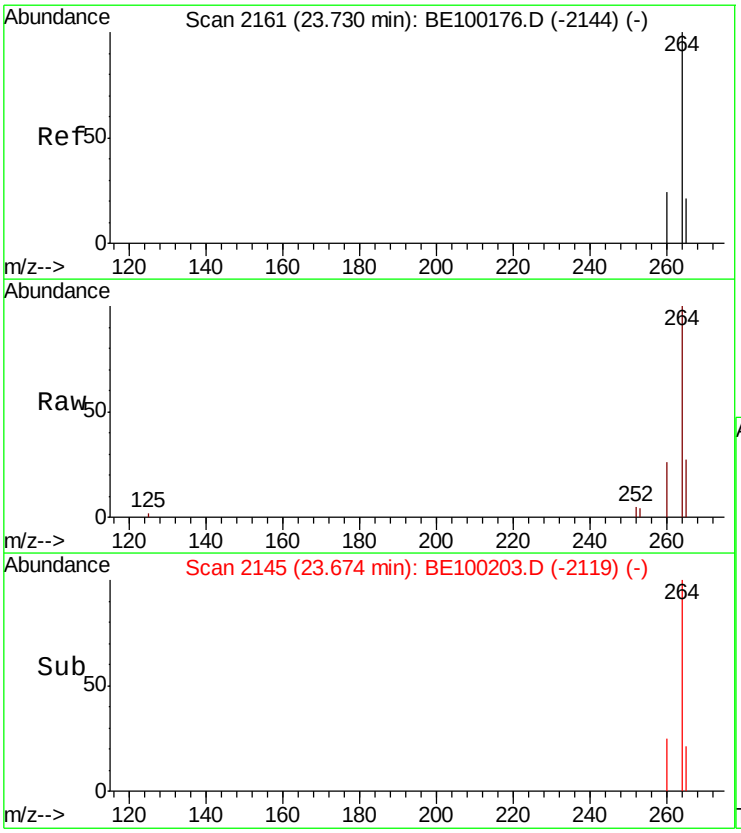
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.263 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.08 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10214

Ion	Ratio	Lower	Upper
276	100		
138	11.9	3.7	5.5#
277	23.5	18.7	28.1

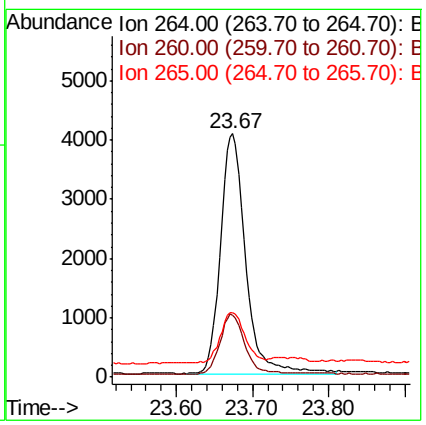


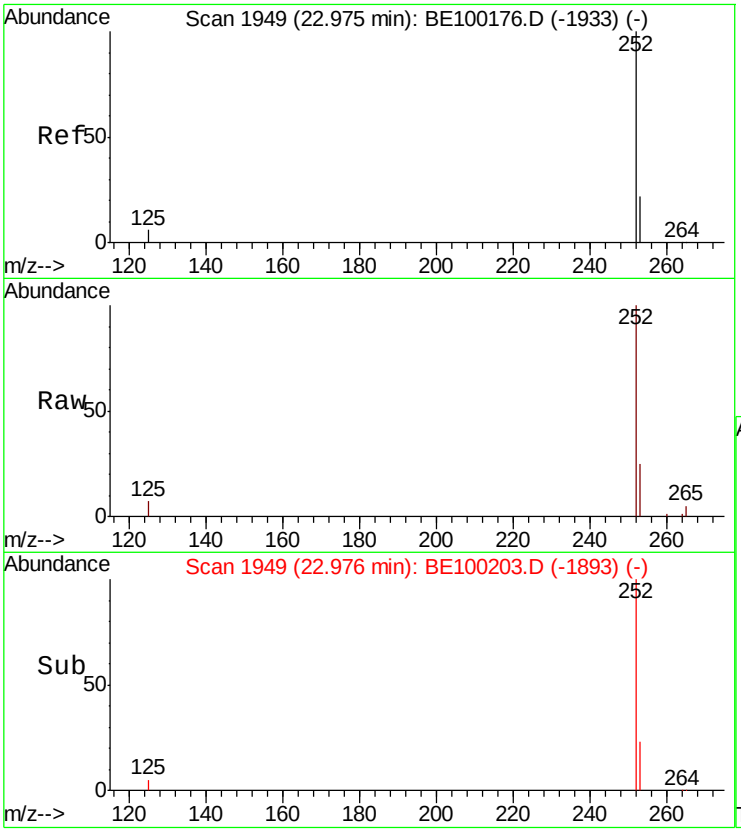


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. -0.06 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:264 Resp: 9234

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	26.7	22.5	33.7



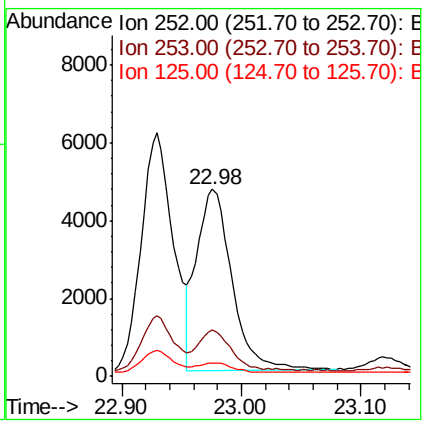


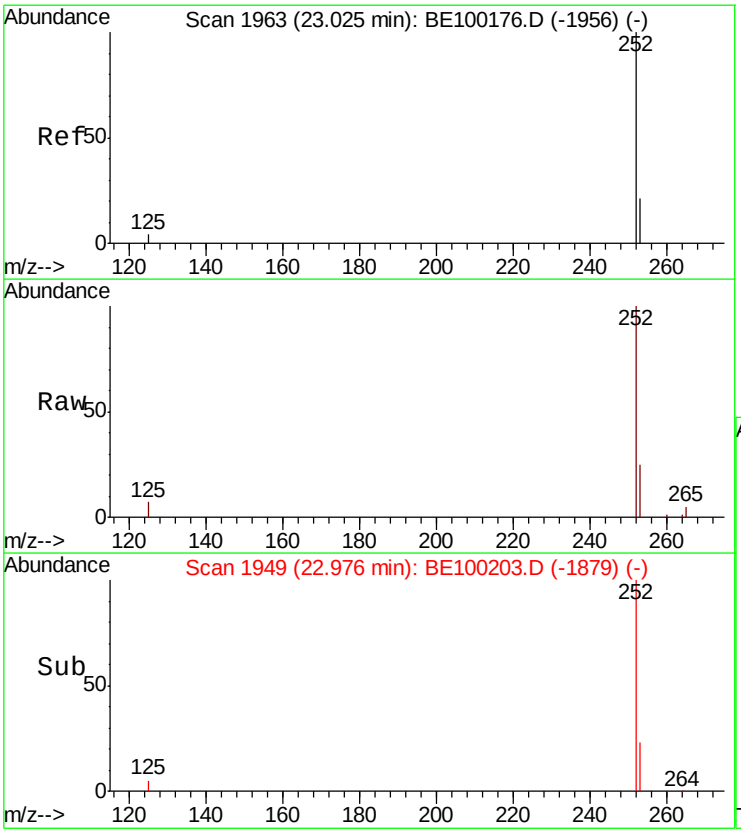
#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.98 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9561

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.4
125	7.3	6.3	9.5

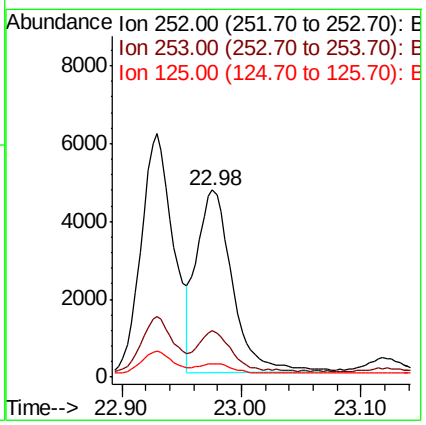


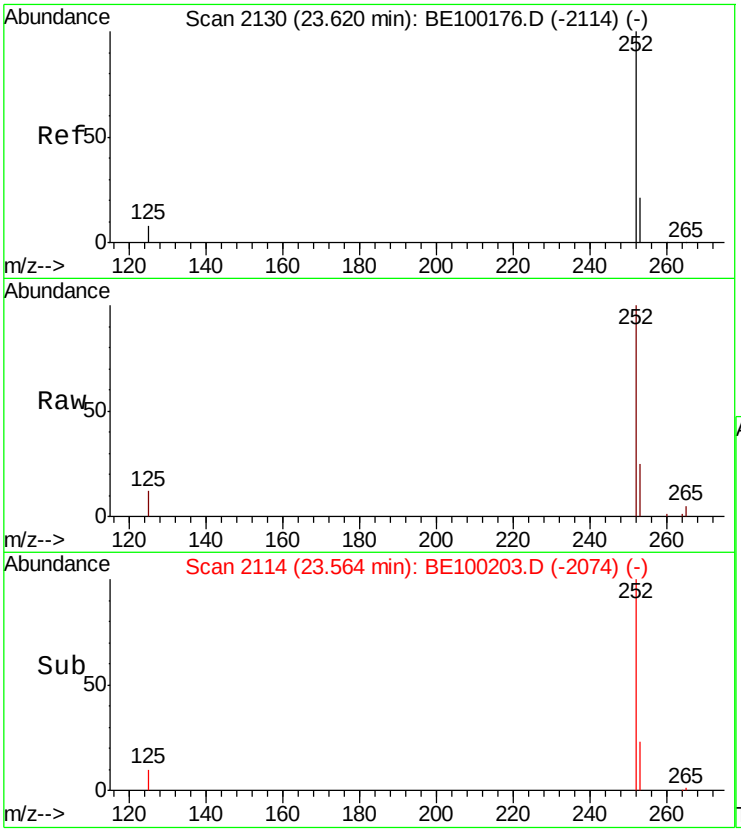


#36
Benzo(k)fluoranthene
Concen: 0.331 ng
RT: 22.98 min Scan# 1949
Delta R.T. -0.05 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:252 Resp: 9841

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	7.3	5.0	7.4



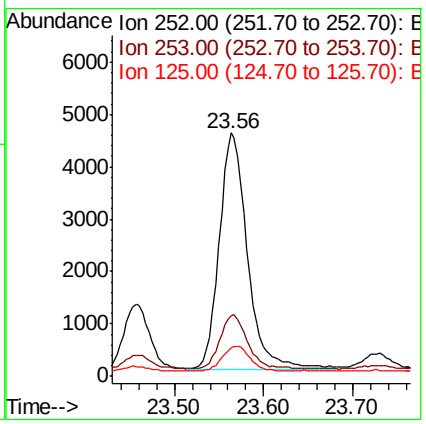


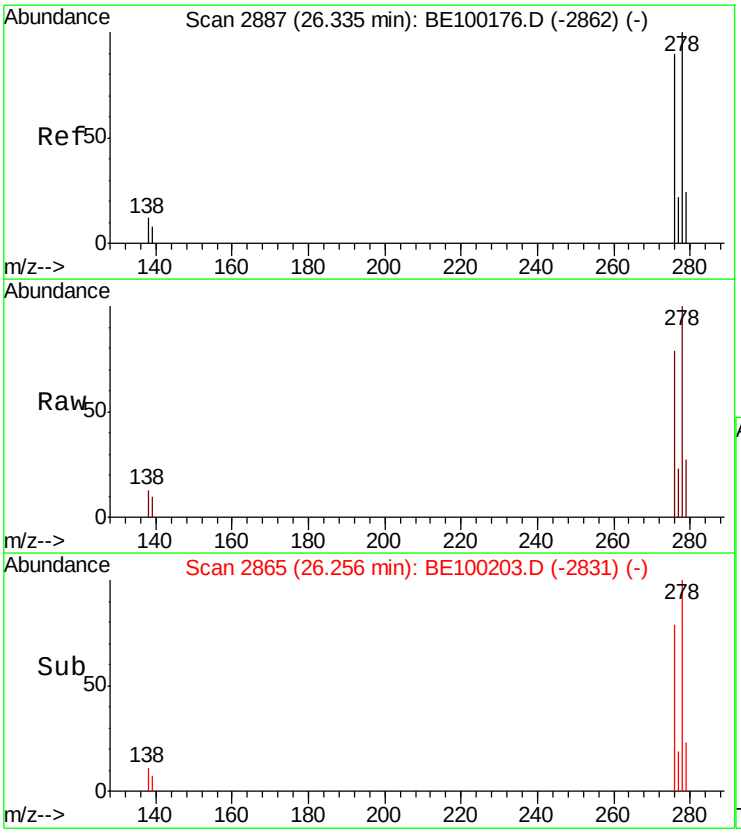
#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.56 min Scan# 2114
Delta R.T. -0.06 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9963

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.2	28.8
125	11.8	8.2	12.2

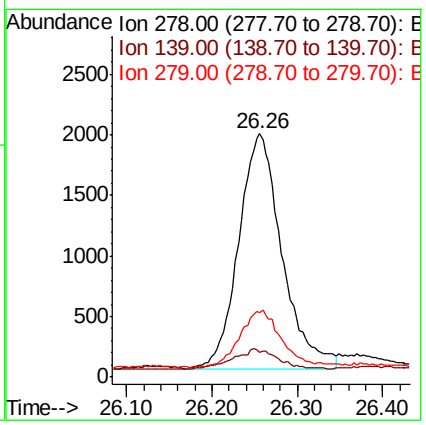


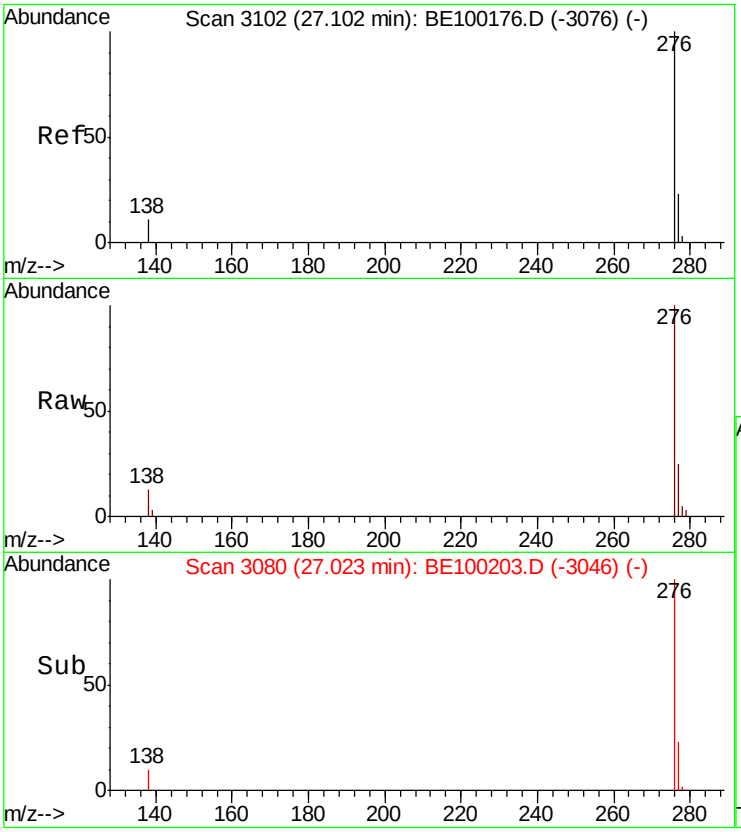


#38
Dibenzo(a,h)anthracene
Concen: 0.248 ng
RT: 26.26 min Scan# 2865
Delta R.T. -0.08 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:278 Resp: 6814

Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.0	13.4
279	26.7	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.316 ng
RT: 27.02 min Scan# 3080
Delta R.T. -0.08 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9069

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.6
138	12.7	10.2	15.4