Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100212.D
Acq On : 27 Jun 2019 19:40
Operator : JU/SJ
Sample : K3428-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 05:37:29 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	866	0.40	ng		-0.01
7) Naphthalene-d8	10.45	136	3020	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	2346	0.40	ng		-0.01
19) Phenanthrene-d10	17.07	188	7108	0.40	ng		-0.03
27) Chrysene-d12	21.24	240	8804	0.40	ng		-0.04
34) Perylene-d12	23.67	264	10482	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	714	0.37	ng		-0.01
5) Phenol-d6	6.84	99	1031	0.39	ng		-0.04
8) Nitrobenzene-d5	8.82	82	978	0.33	ng		-0.03
11) 2-Methylnaphthalene-d10	12.05	152	1981	0.35	ng		-0.03
14) 2,4,6-Tribromophenol	15.82	330	442	0.33	ng		-0.03
15) 2-Fluorobiphenyl	12.94	172	2850	0.30	ng		-0.03
25) Fluoranthene-d10	19.10	212	33499	0.33	ng		-0.03
29) Terphenyl-d14	19.70	244	5360	0.31	ng		-0.04
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.54	42	13	0.026	ng	#	1
9) Naphthalene	10.50	128	789	0.024	ng	#	77
12) 2-Methylnaphthalene	12.12	142	141	0.027	ng	#	76
16) Acenaphthylene	14.04	152	694	0.061	ng		98
17) Acenaphthene	14.38	154	166	0.026	ng		94
18) Fluorene	15.37	166	333	0.036	ng	#	97
22) Pentachlorophenol	16.73	266	14	0.280	ng		90
23) Phenanthrene	17.11	178	8336	0.495	ng		99
24) Anthracene	17.20	178	1333	0.094	ng		98
26) Fluoranthene	19.13	202	15463	0.565	ng		99
28) Pyrene	19.49	202	15063	0.668	ng	#	96
30) Benzo(a)anthracene	21.23	228	11261	0.434	ng		93
31) Chrysene	21.28	228	8944	0.294	ng		94
32) Bis(2-ethylhexyl)phthalate	21.15	149	10361	0.347	ng		98
33) Indeno(1,2,3-cd)pyrene	26.22	276	4357	0.101	ng	#	96
35) Benzo(b)fluoranthene	22.93	252	10042	0.356	ng	#	82
36) Benzo(k)fluoranthene	22.93	252	10042	0.298	ng	#	80
37) Benzo(a)pyrene	23.56	252	7372	0.252	ng	#	88
38) Dibenzo(a,h)anthracene	26.23	278	1280	0.041	ng	#	48
39) Benzo(g,h,i)perylene	27.00	276	4507	0.138	ng	#	90

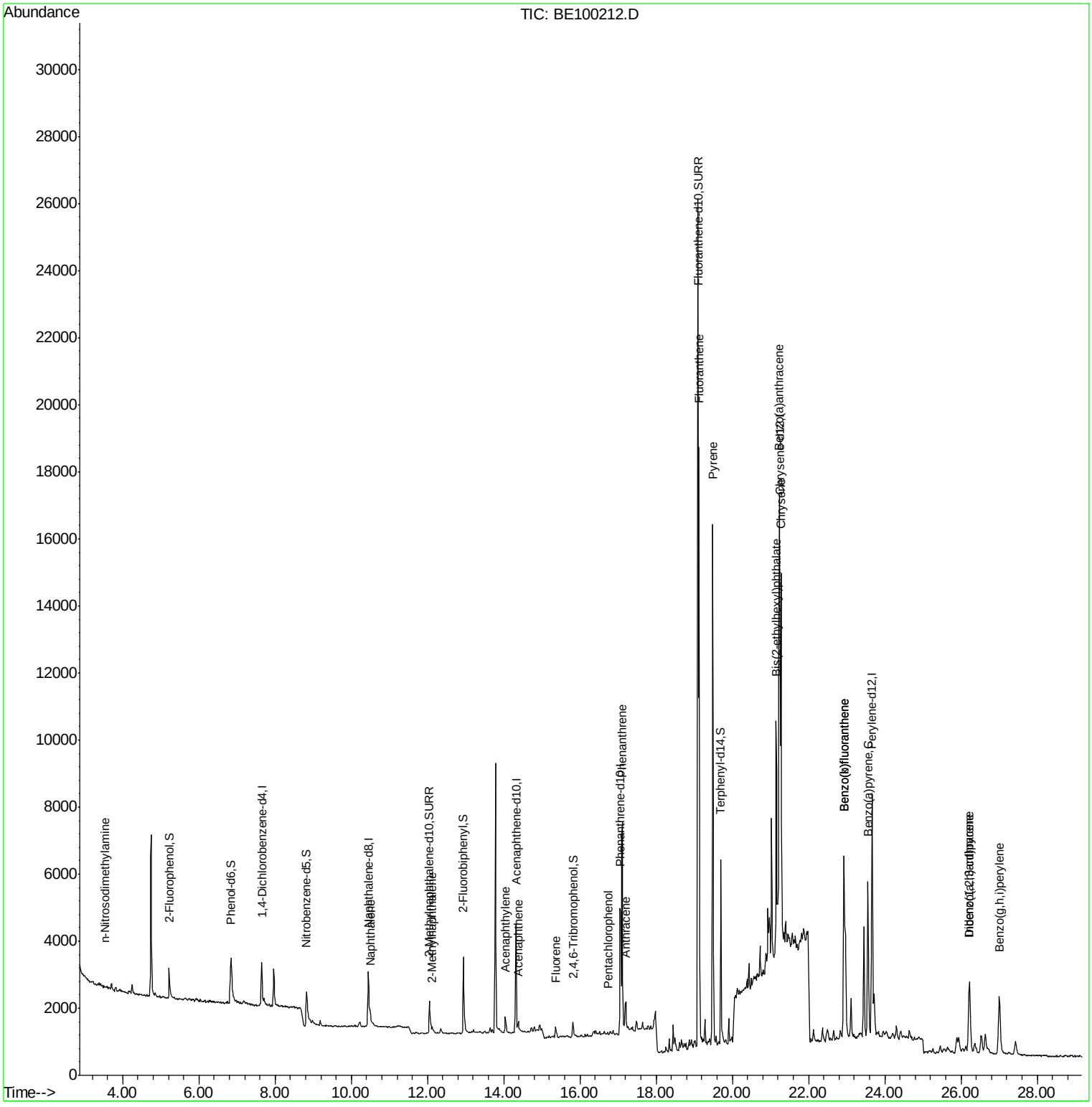
(#) = qualifier out of range (m) = manual integration (+) = signals summed

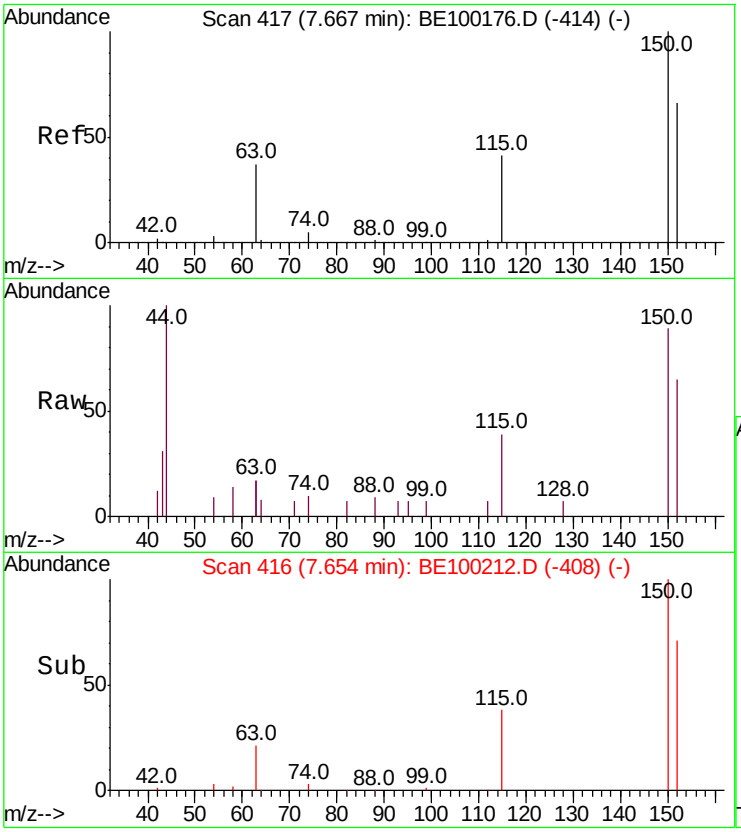
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100212.D
Acq On : 27 Jun 2019 19:40
Operator : JU/SJ
Sample : K3428-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 28 05:37:29 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



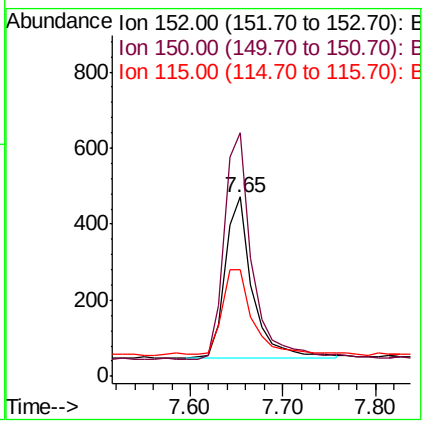


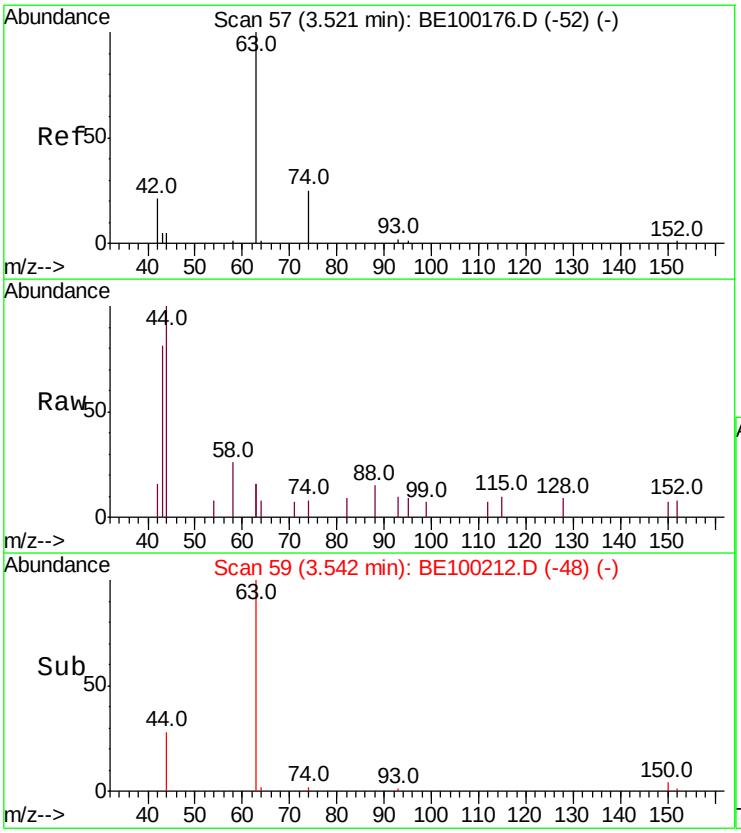
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 866

Ion	Ratio	Lower	Upper
152	100		
150	135.9	113.4	170.2
115	59.4	55.8	83.6

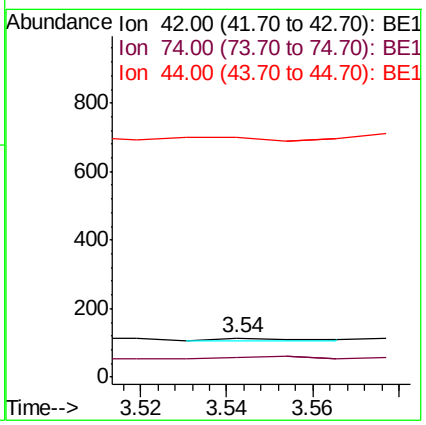


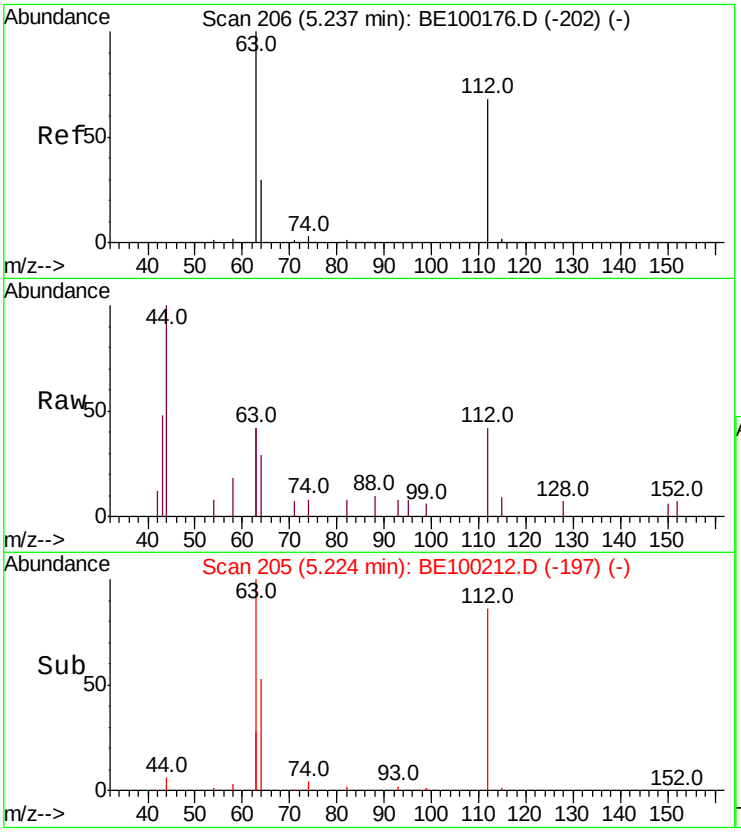


#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.54 min Scan# 59
Delta R.T. 0.02 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion: 42 Resp: 13

Ion	Ratio	Lower	Upper
42	100		
74	84.6	193.2	289.8#
44	0.0	114.5	171.7#



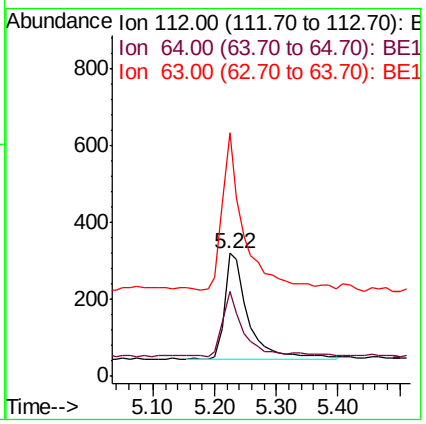


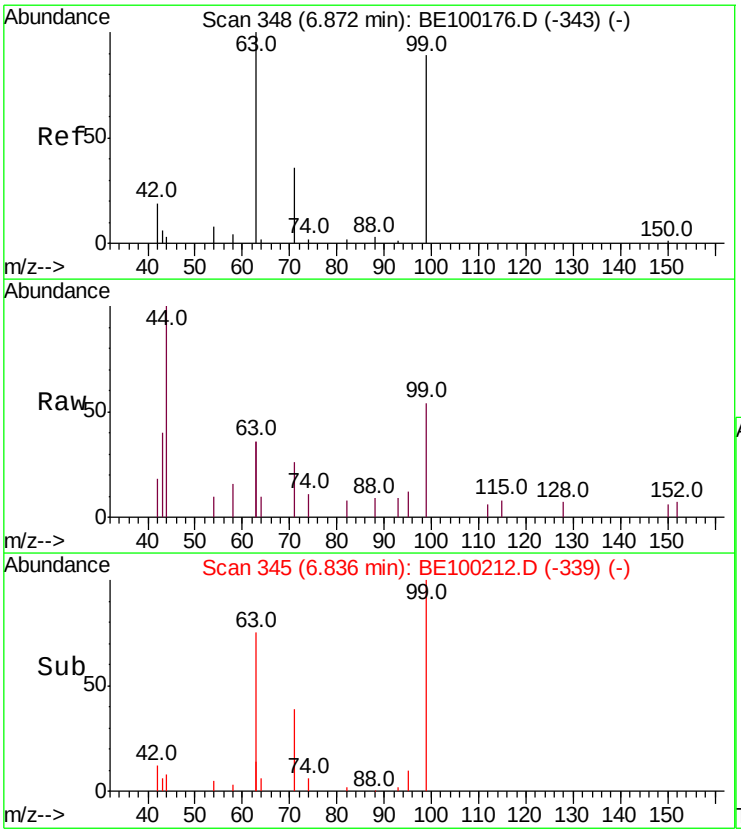
#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.22 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 714

Ion	Ratio	Lower	Upper
112	100		
64	51.3	40.7	61.1
63	138.9	93.2	139.8

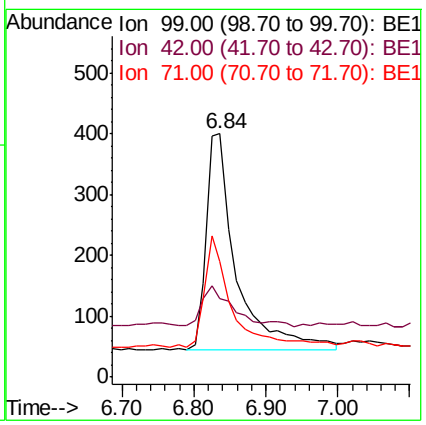


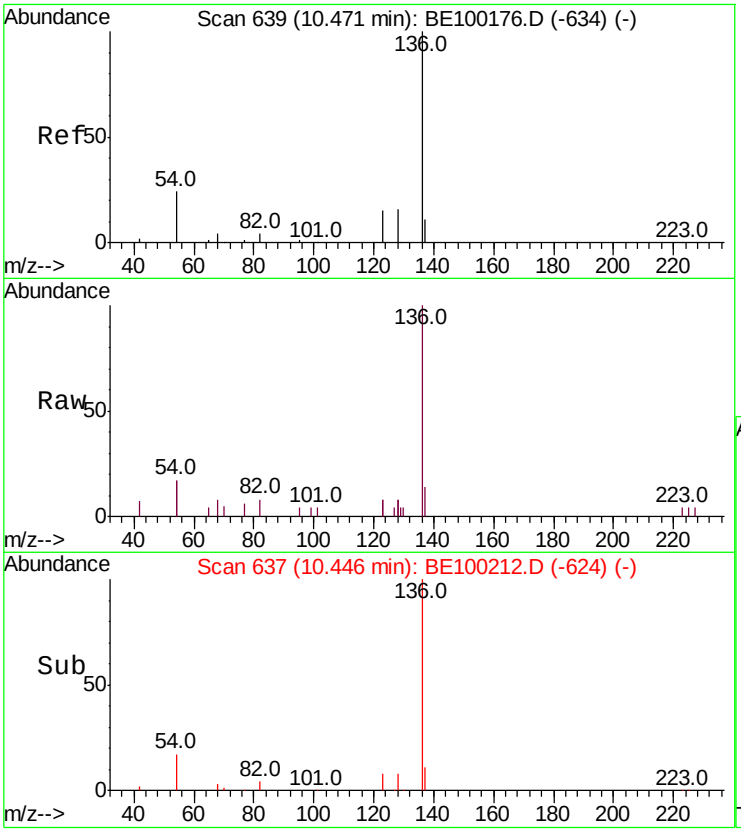


#5
Phenol-d6
Concen: 0.389 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.04 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion: 99 Resp: 1031

Ion	Ratio	Lower	Upper
99	100		
42	17.5	10.4	15.6#
71	45.2	32.4	48.6



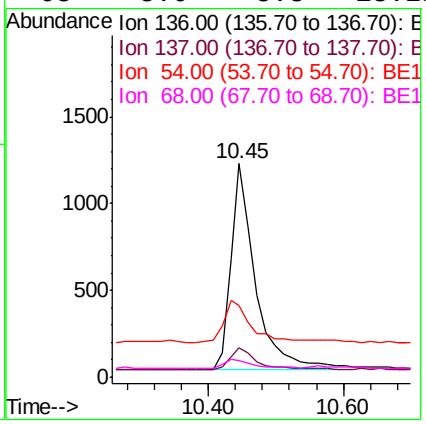


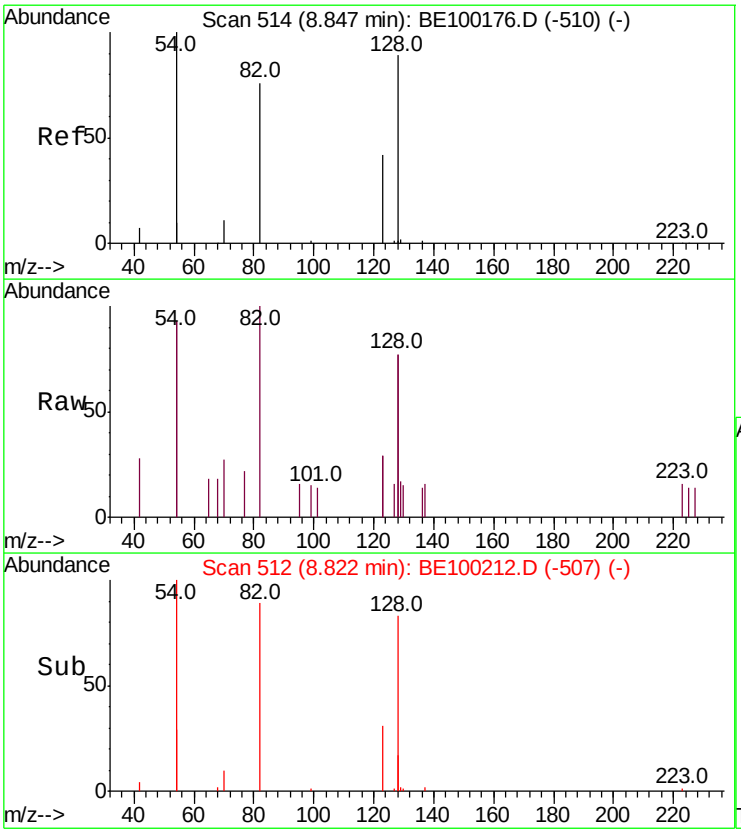
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3020

Ion	Ratio	Lower	Upper
136	100		
137	13.9	13.8	20.8
54	33.3	35.4	53.2#
68	8.0	8.8	13.2#

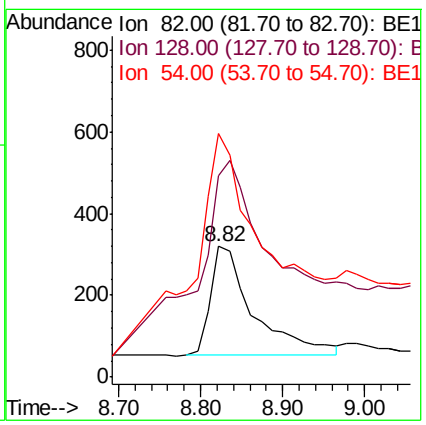


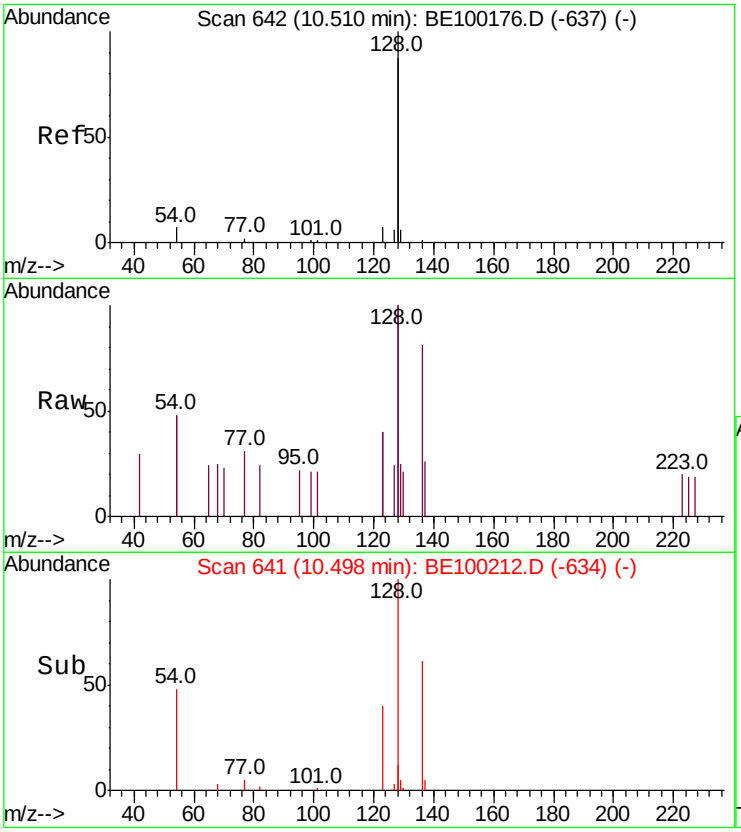


#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion: 82 Resp: 978

Ion	Ratio	Lower	Upper
82	100		
128	153.8	144.6	217.0
54	186.2	163.0	244.6



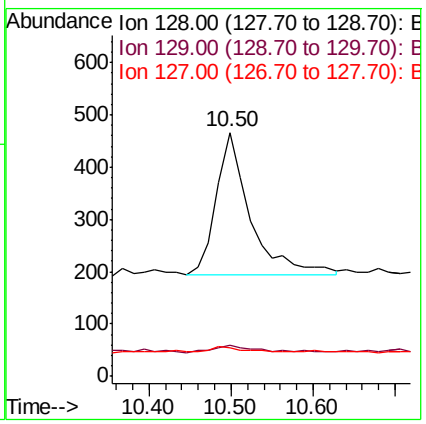


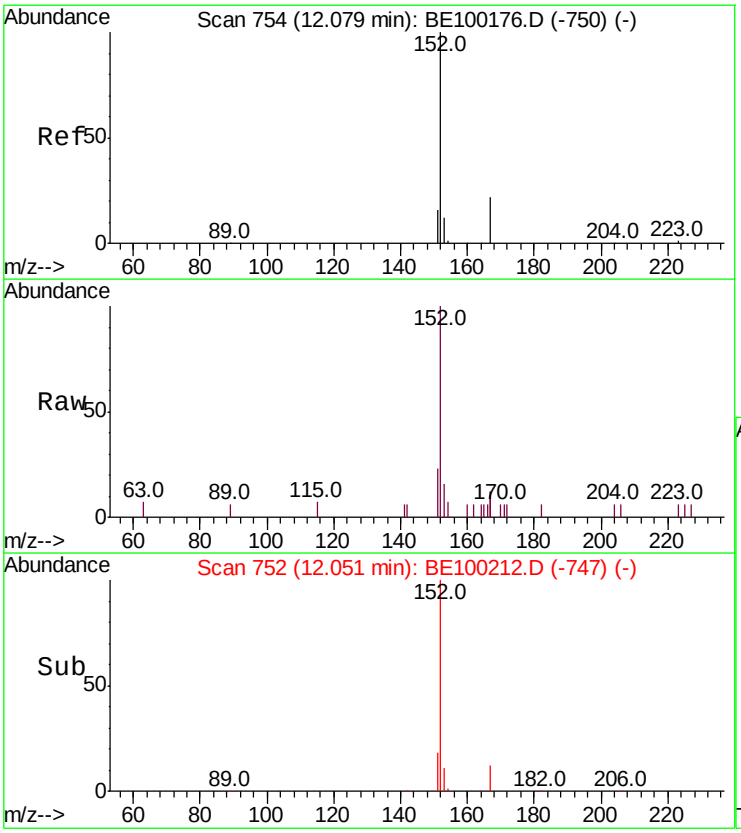
#9
Naphthalene
Concen: 0.024 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 789

Ion	Ratio	Lower	Upper
128	100		
129	12.7	3.6	5.4#
127	11.8	3.8	5.8#

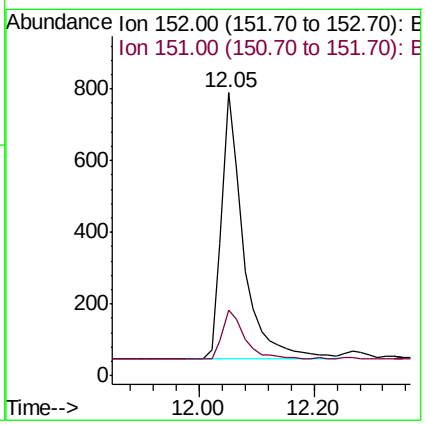


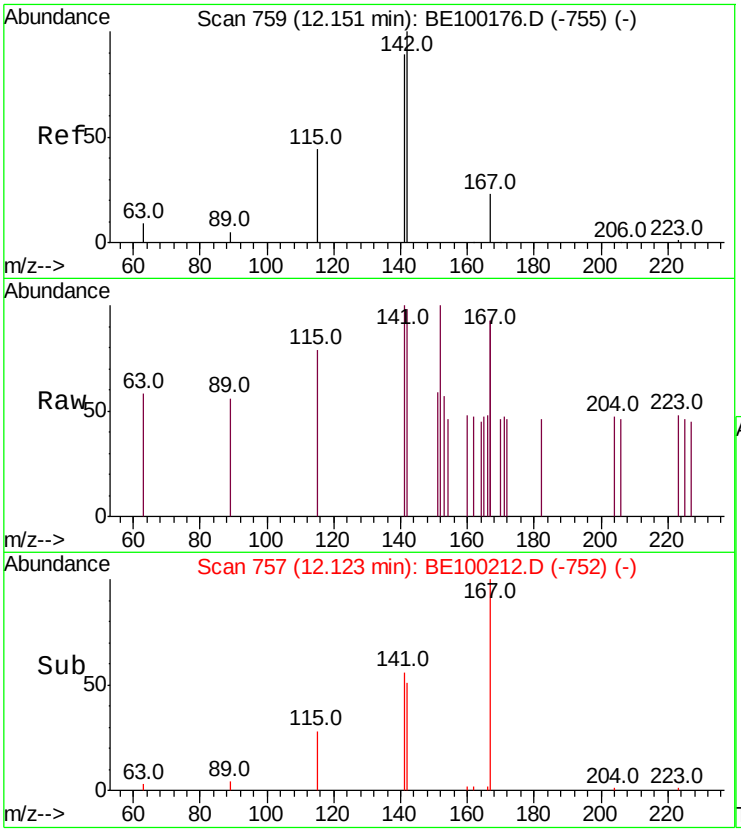


#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:152 Resp: 1981

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.3	24.5



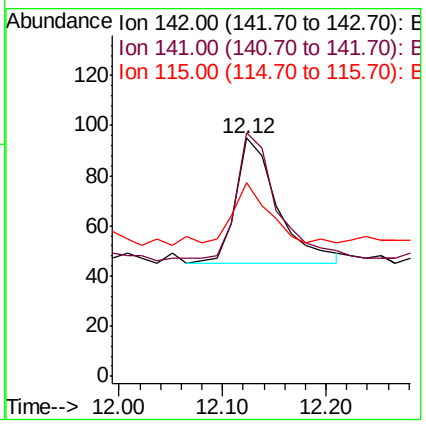


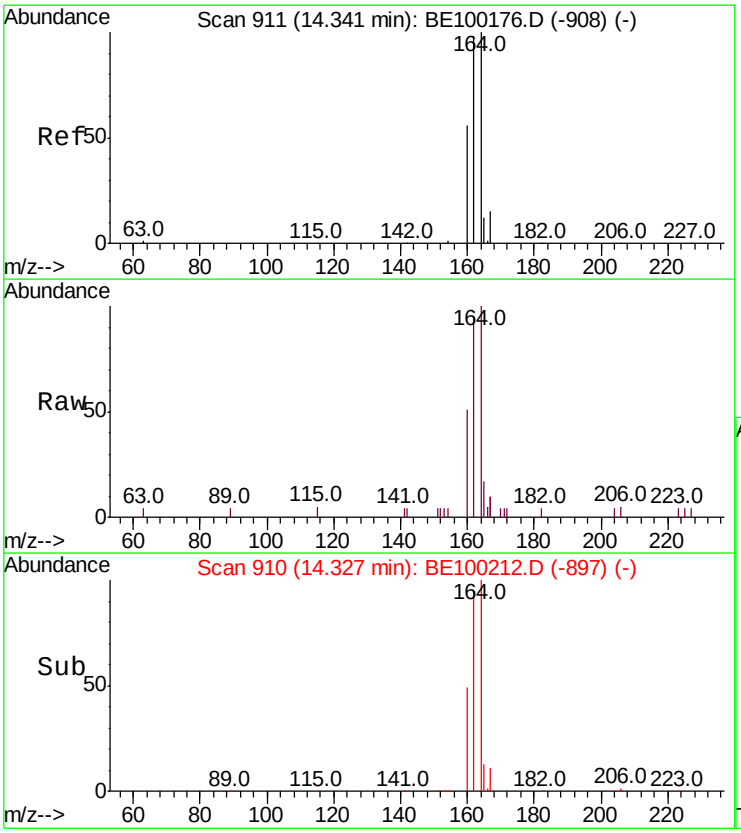
#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 141

Ion	Ratio	Lower	Upper
142	100		
141	102.1	71.8	107.8
115	81.1	40.4	60.6#

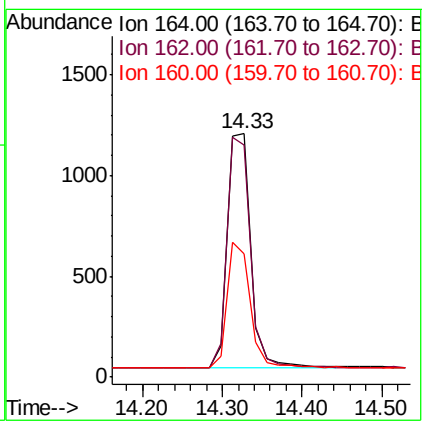


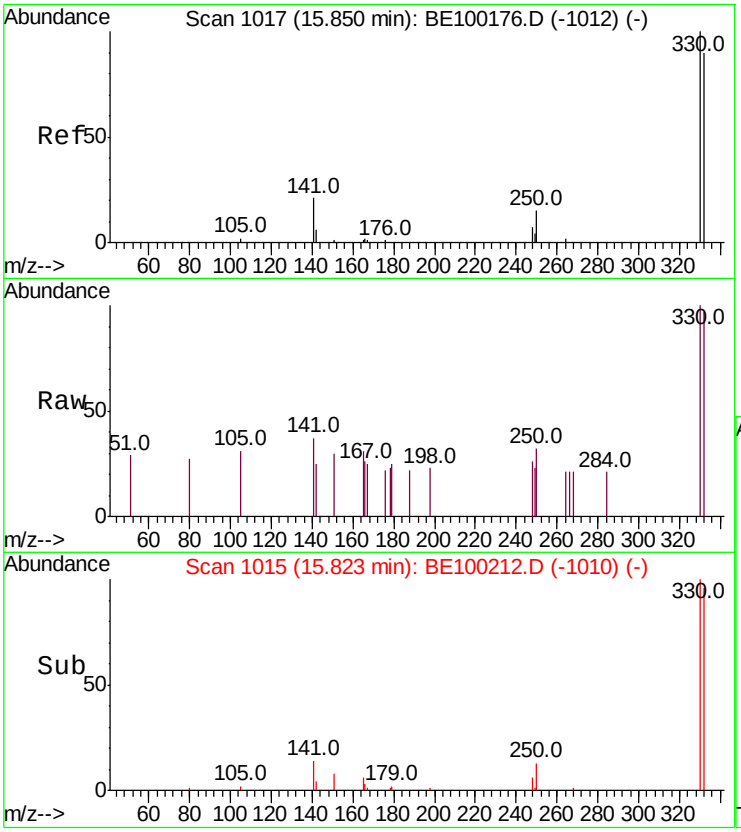


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:164 Resp: 2346

Ion	Ratio	Lower	Upper
164	100		
162	95.4	78.6	118.0
160	50.6	46.9	70.3



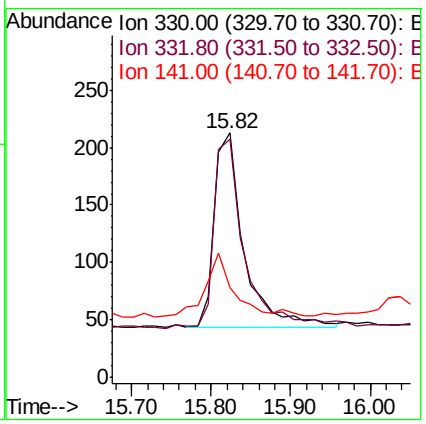


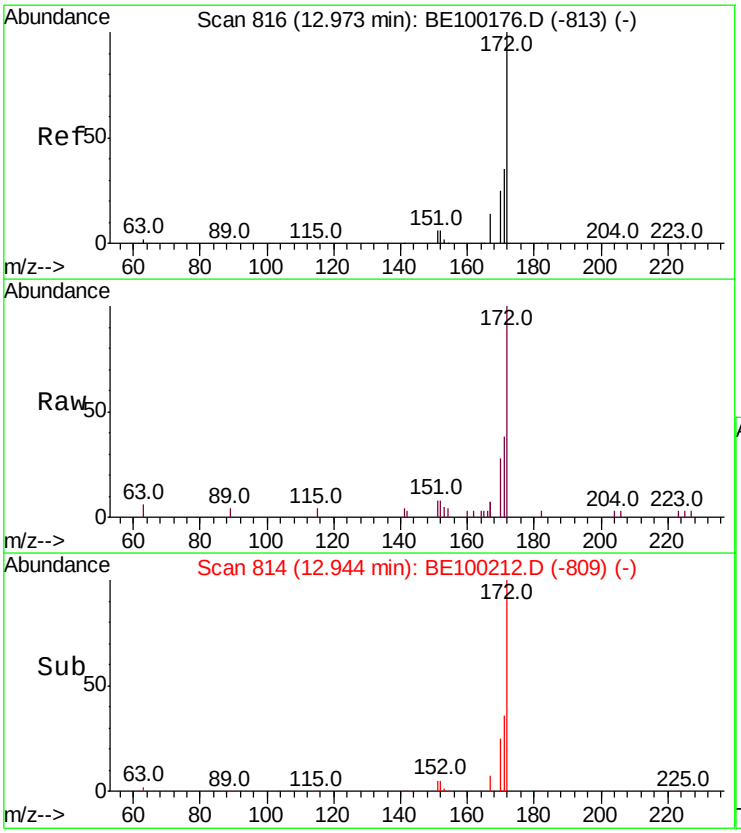
#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 442

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	27.1	18.9	28.3

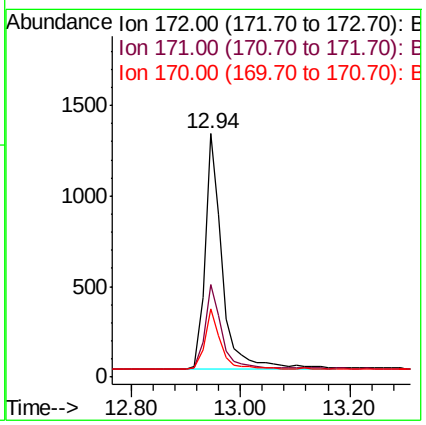


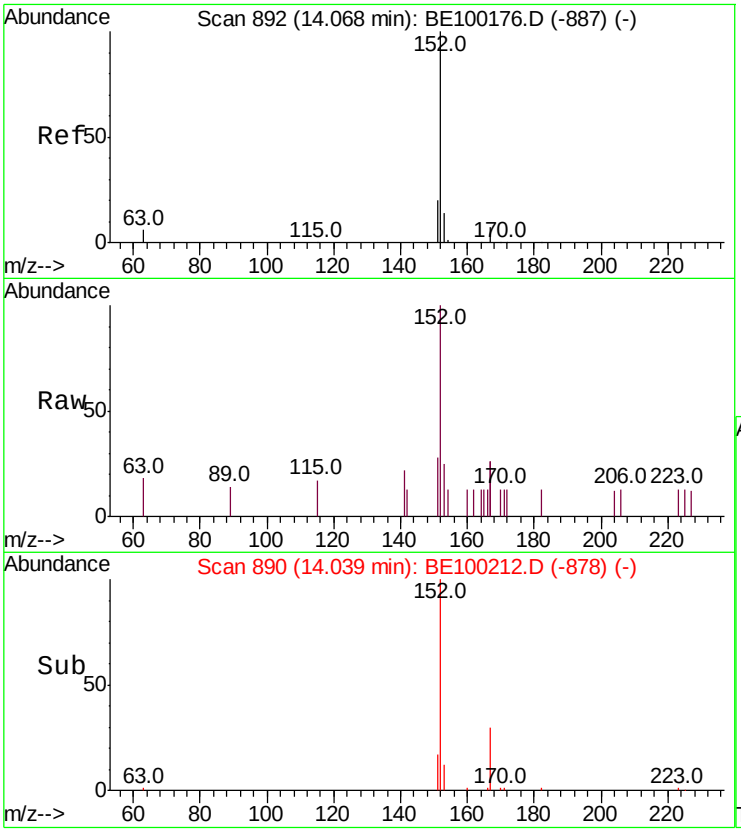


#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:172 Resp: 2850

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	27.8	23.9	35.9



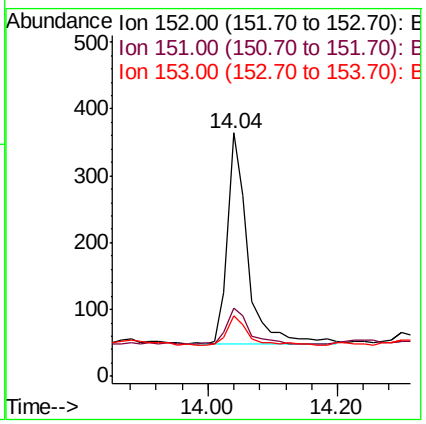


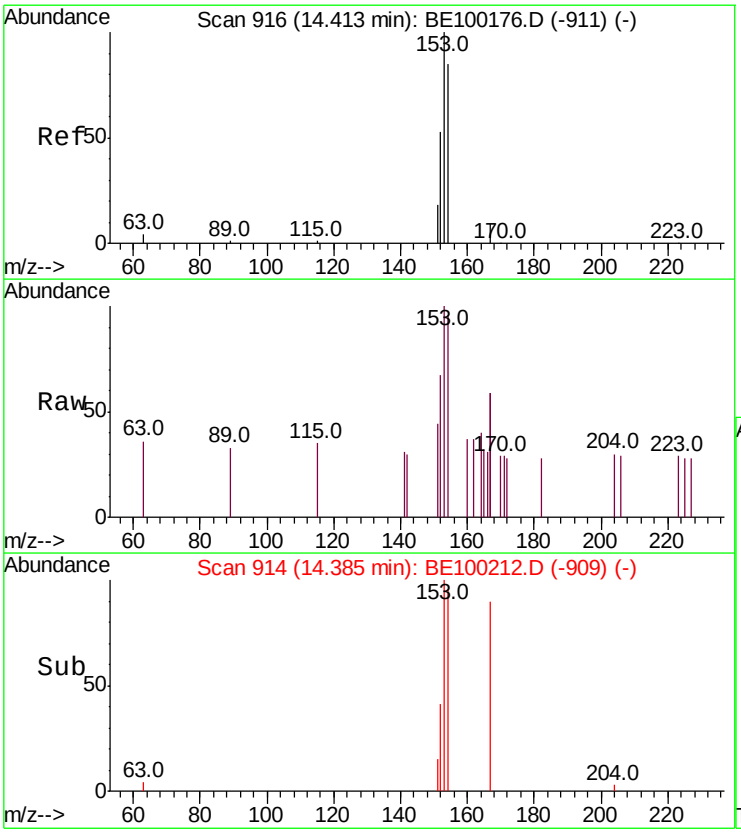
#16
Acenaphthylene
Concen: 0.061 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 694

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.0
153	13.0	10.8	16.2

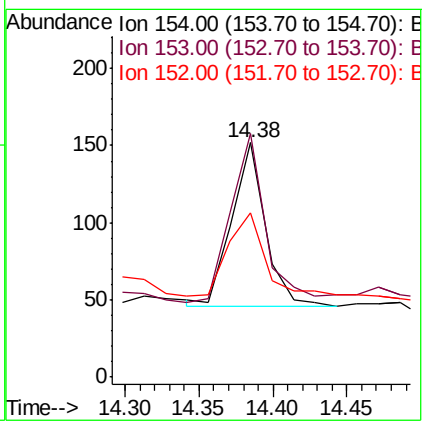


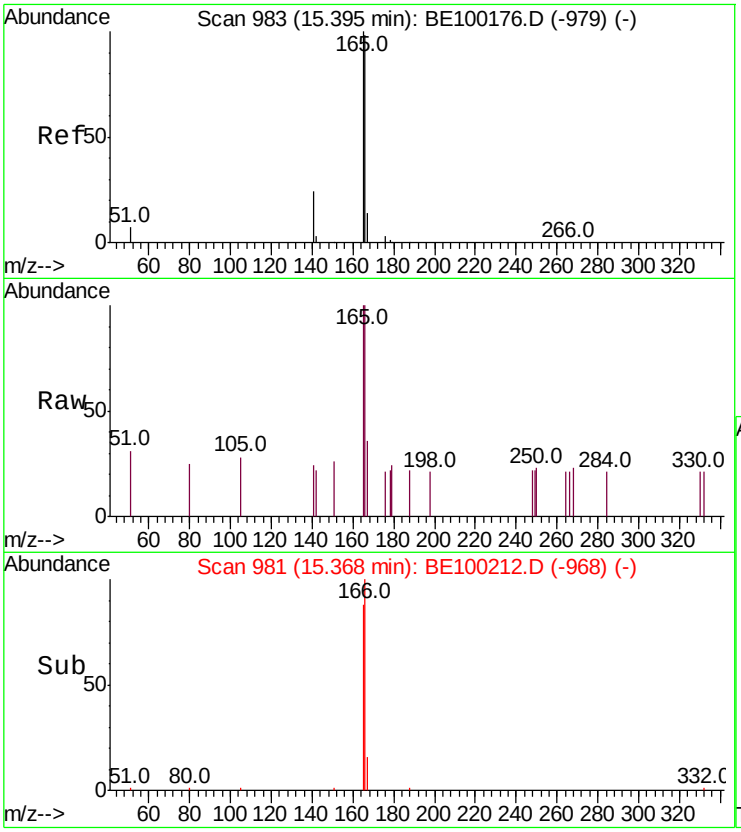


#17
Acenaphthene
Concen: 0.026 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:154 Resp: 166

Ion	Ratio	Lower	Upper
154	100		
153	110.8	95.3	142.9
152	62.7	52.9	79.3



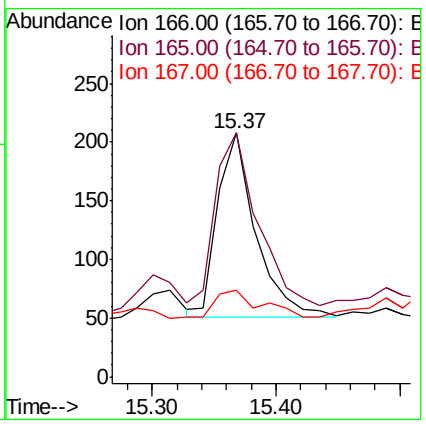


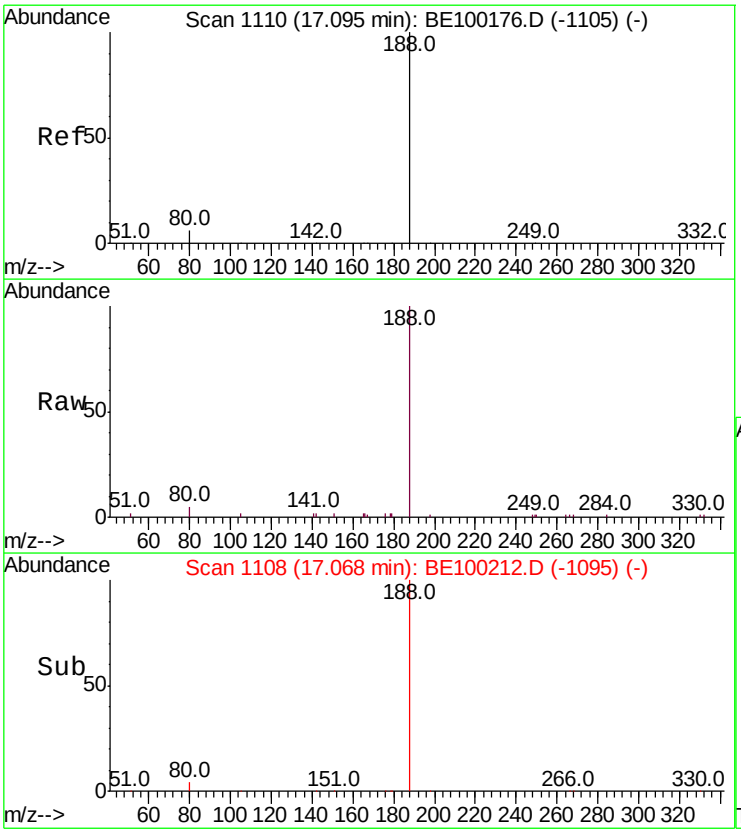
#18
Fluorene
Concen: 0.036 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 333

Ion	Ratio	Lower	Upper
166	100		
165	103.0	81.0	121.4
167	20.1	11.4	17.0#

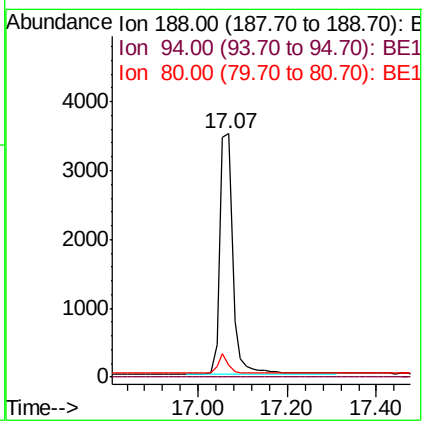


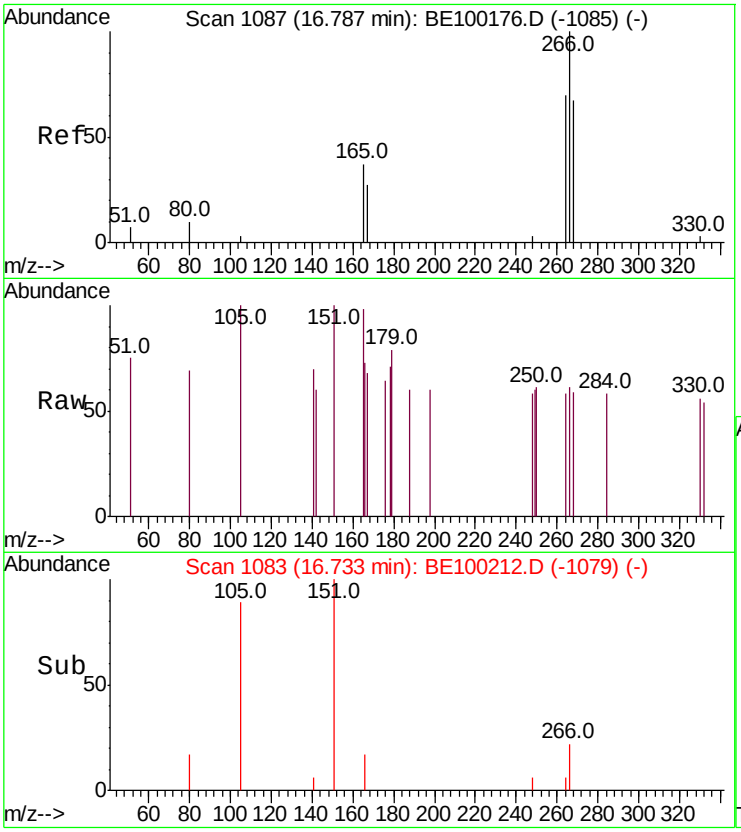


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:188 Resp: 7108

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.1	6.4	9.6#



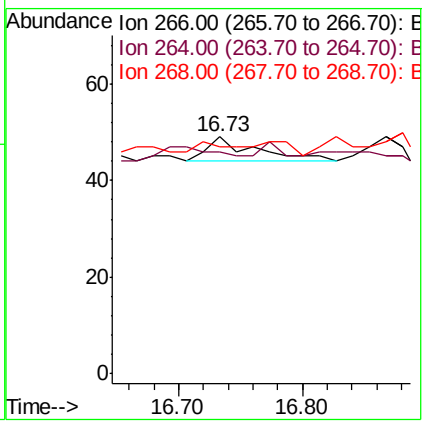


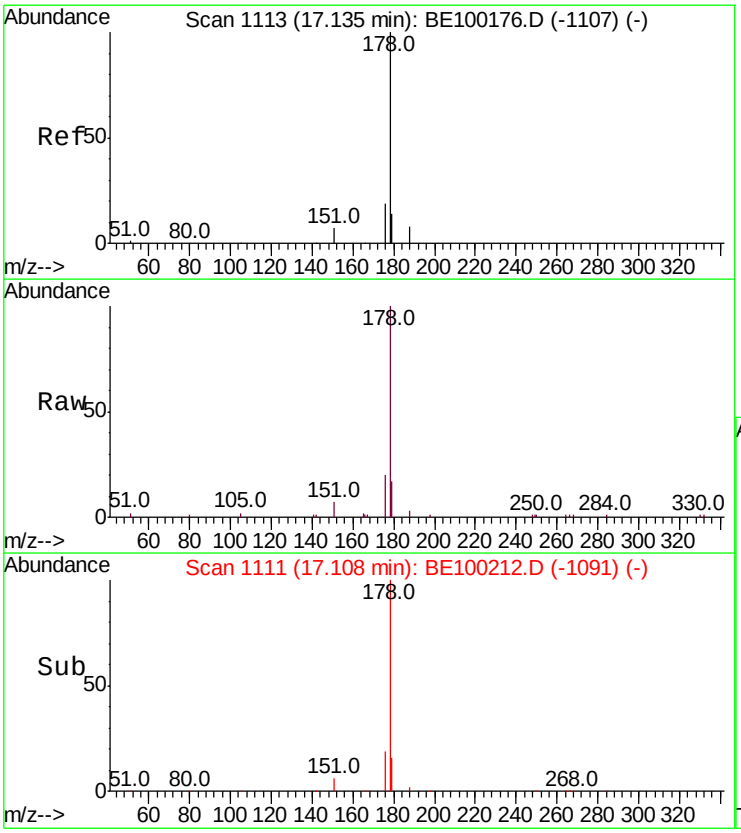
#22
Pentachlorophenol
Concen: 0.280 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.05 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	93.9	67.7	101.5
268	95.9	69.8	104.6

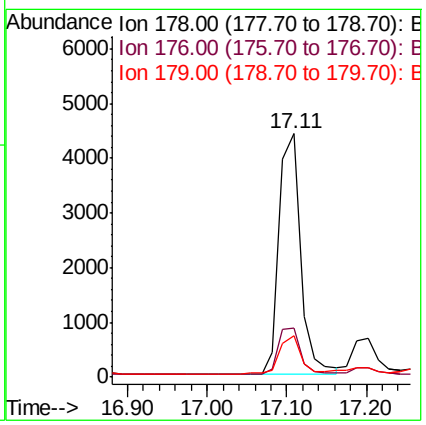


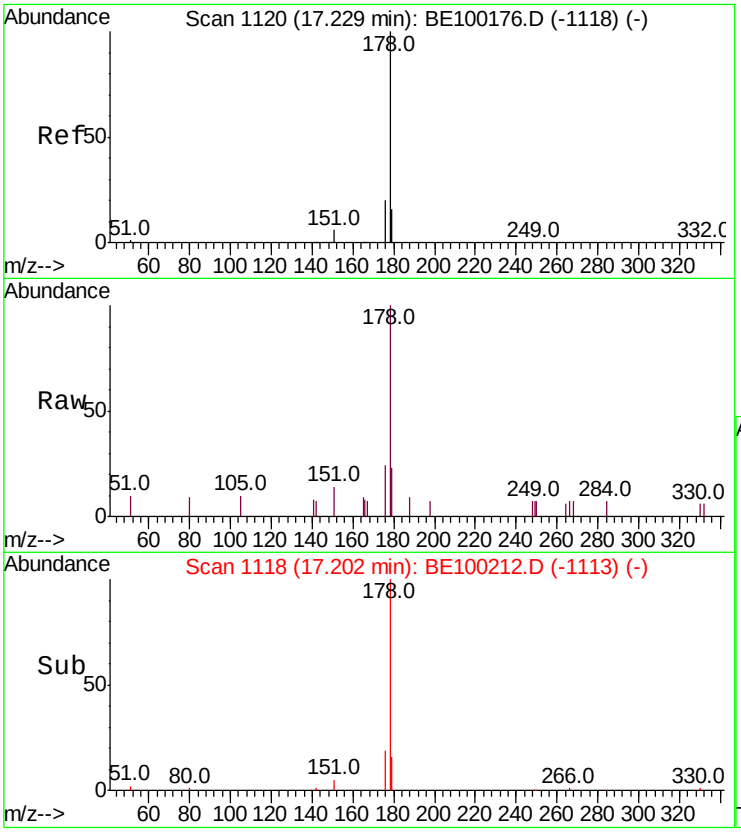


#23
Phenanthrene
Concen: 0.495 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:178 Resp: 8336

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.6	12.2	18.2



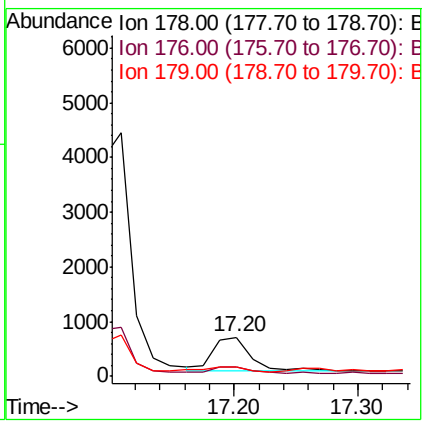


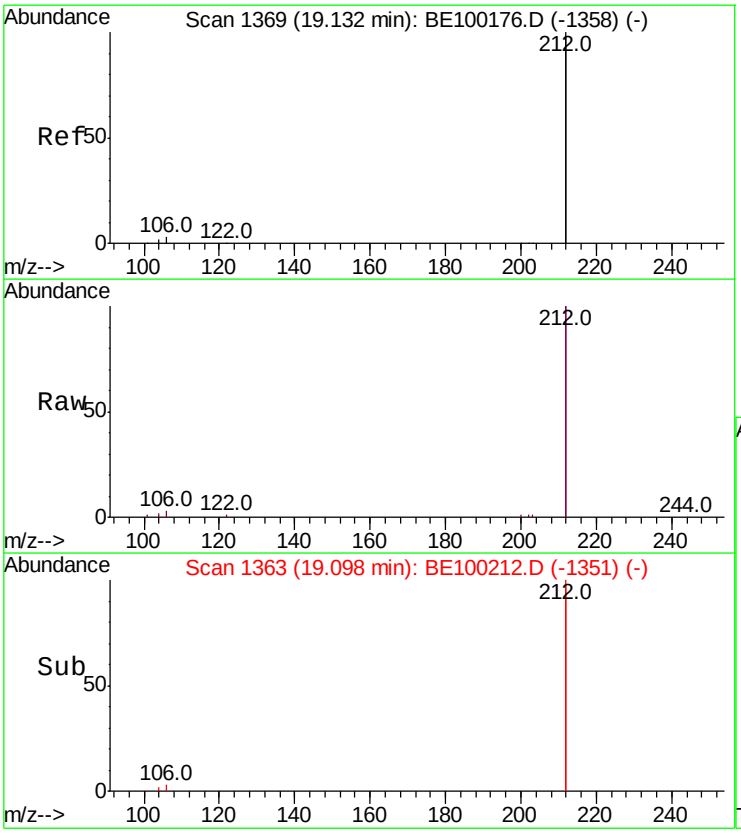
#24
Anthracene
Concen: 0.094 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1333

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.7	23.5
179	15.8	12.9	19.3

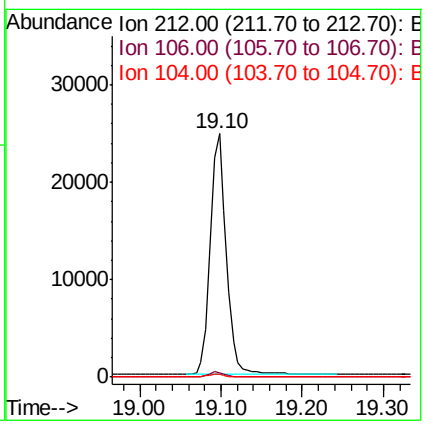


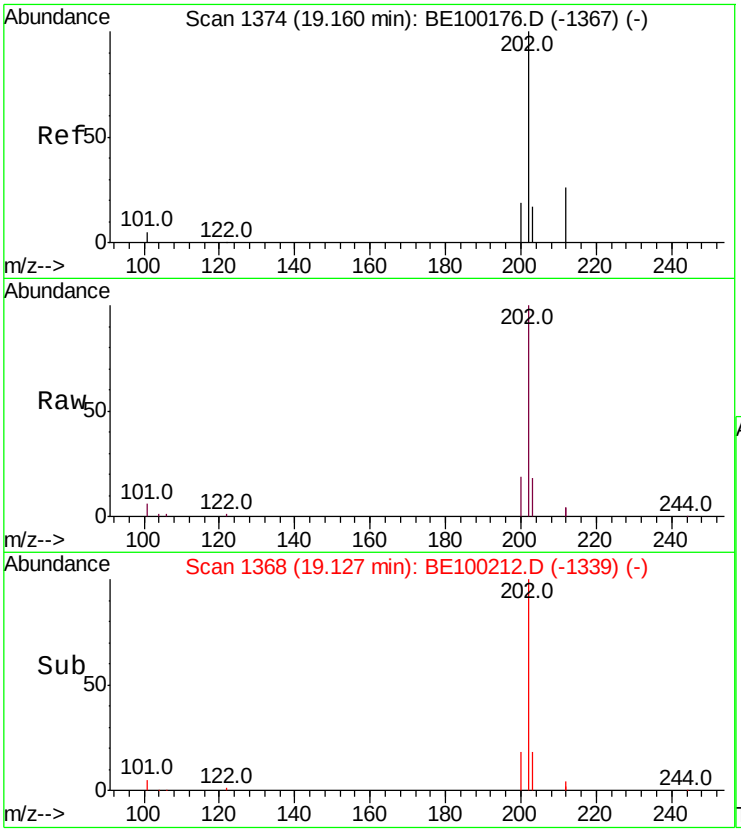


#25
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:212 Resp: 33499

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.0	0.7	1.1



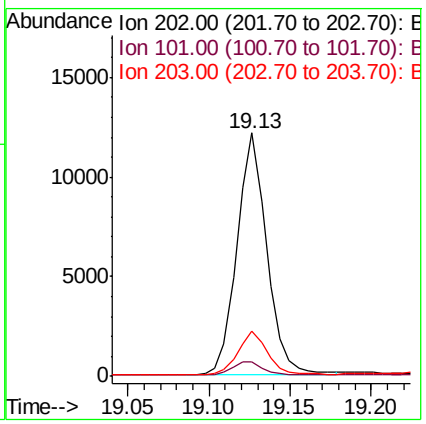


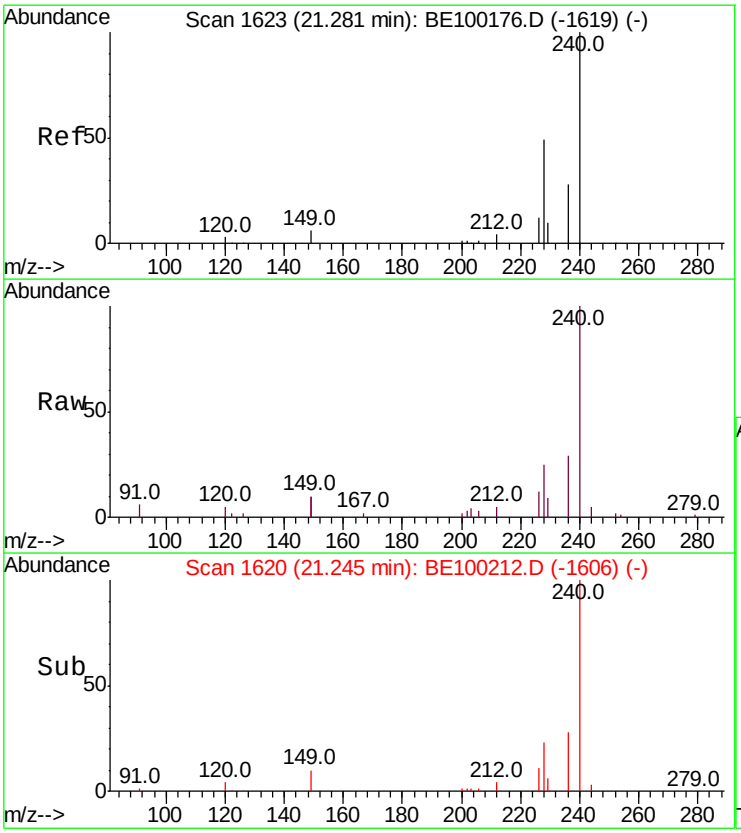
#26
Fluoranthene
Concen: 0.565 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 15463

Ion	Ratio	Lower	Upper
202	100		
101	6.1	4.5	6.7
203	17.4	13.7	20.5

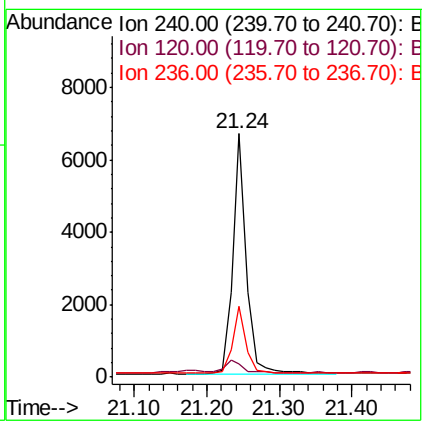


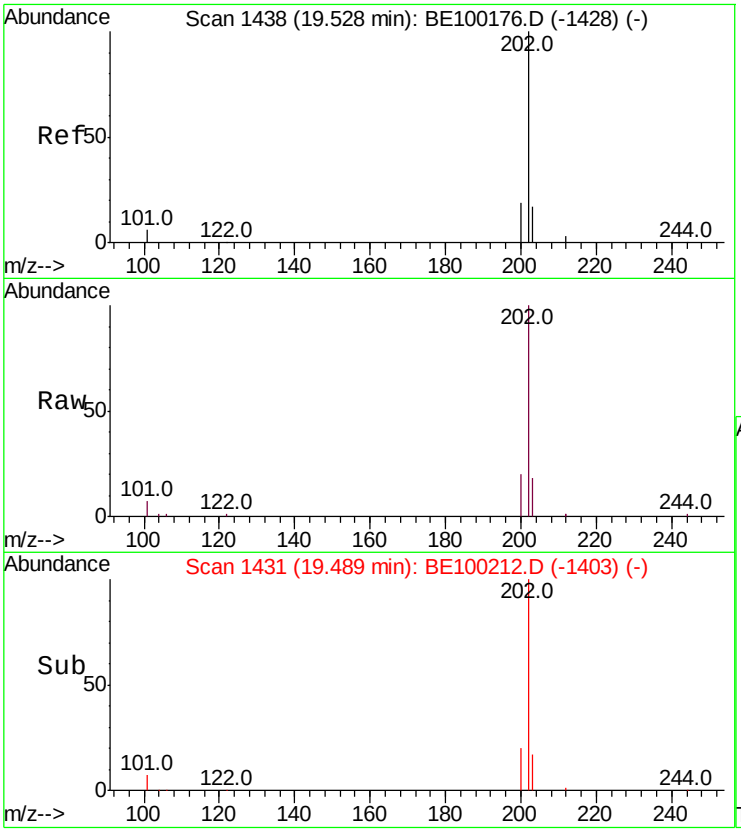


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:240 Resp: 8804

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.1	6.1
236	29.0	23.0	34.6



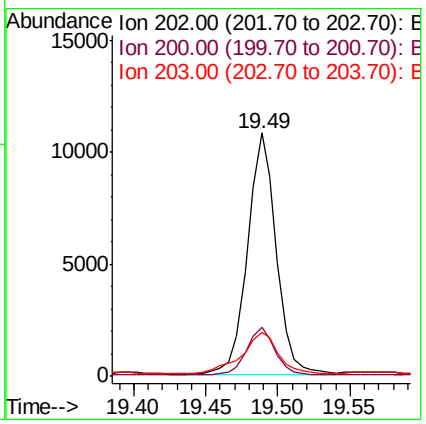


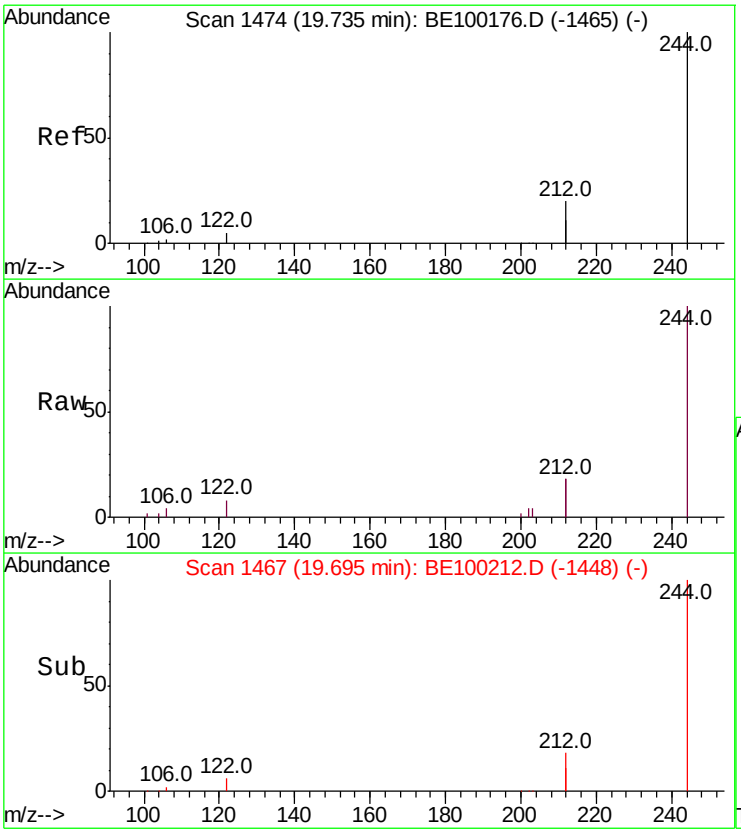
#28
Pyrene
Concen: 0.668 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.04 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 15063

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.5	23.3
203	21.3	13.9	20.9#

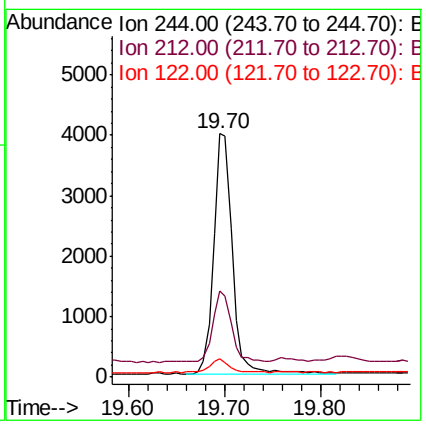


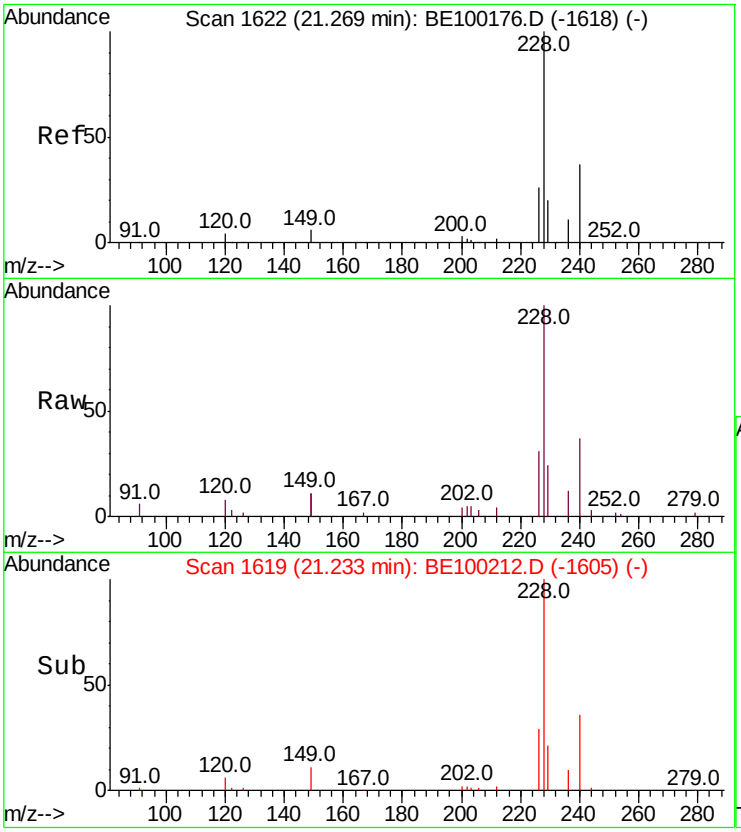


#29
Terphenyl-d14
Concen: 0.310 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.04 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:244 Resp: 5360

Ion	Ratio	Lower	Upper
244	100		
212	35.5	30.7	46.1
122	7.7	5.8	8.6



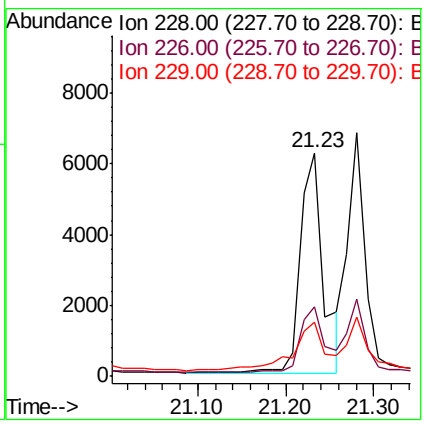


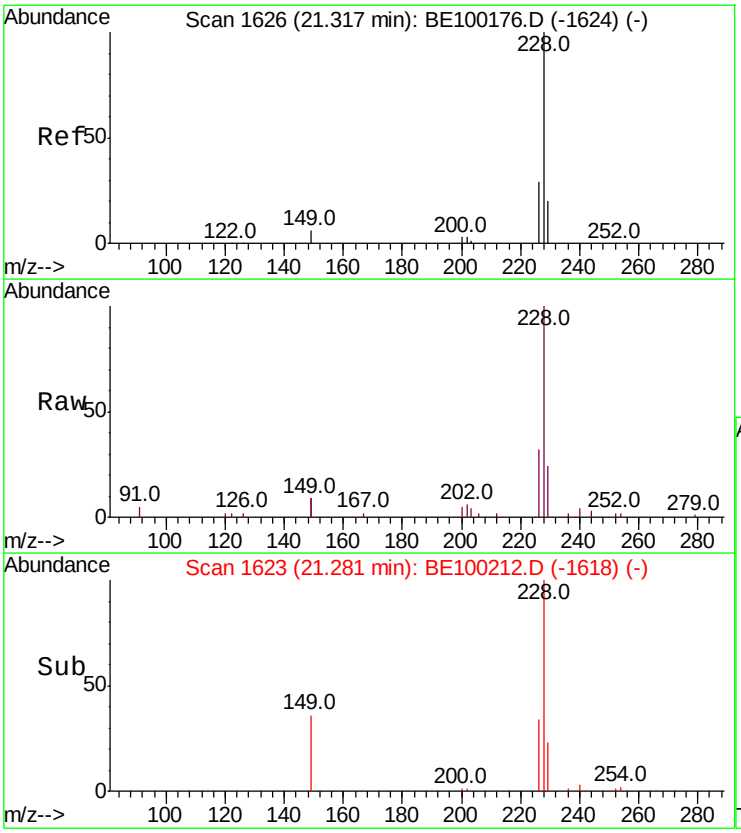
#30
Benzo(a)anthracene
Concen: 0.434 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.04 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 11261

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.5	32.3
229	24.0	17.2	25.8

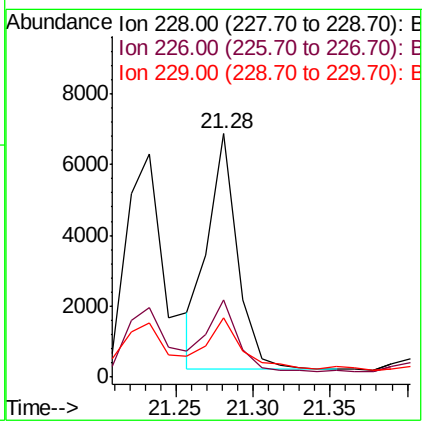


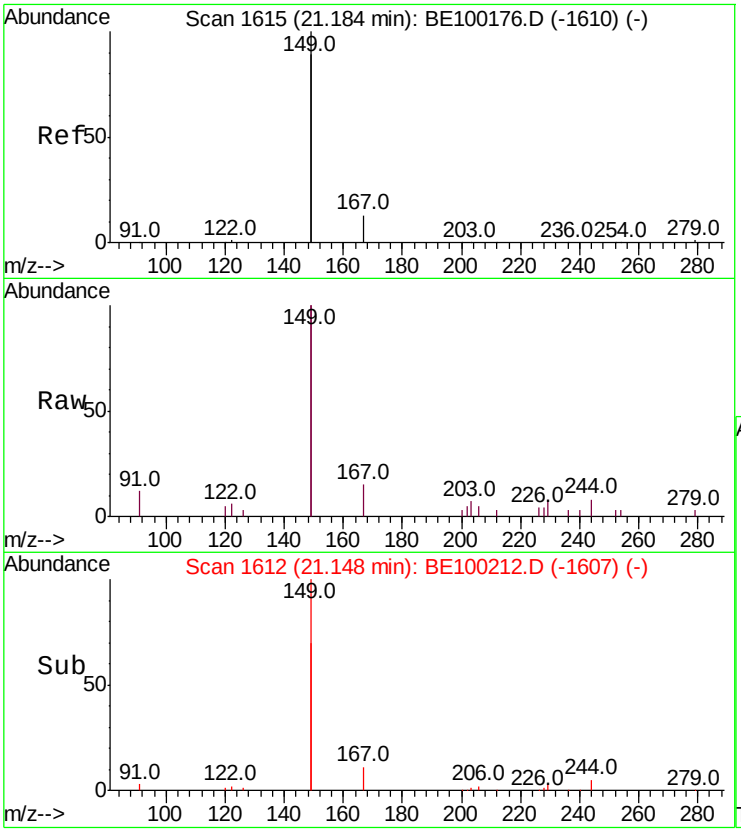


#31
Chrysene
Concen: 0.294 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.04 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:228 Resp: 8944

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.7	35.5
229	24.4	16.5	24.7



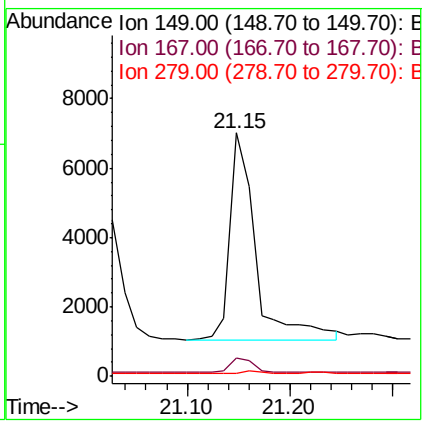


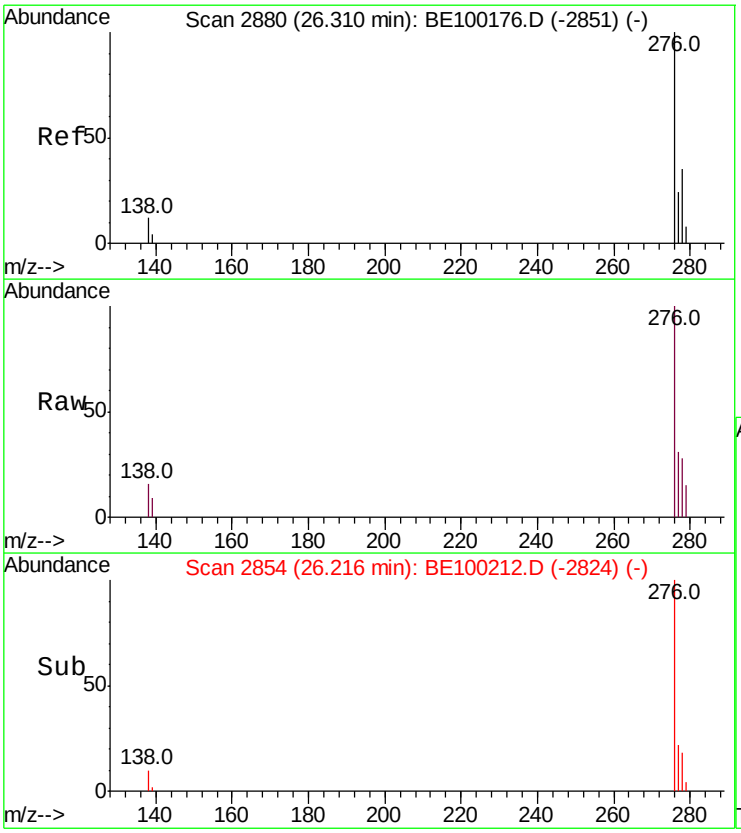
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.347 ng
RT: 21.15 min Scan# 1612
Delta R.T. -0.04 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 10361

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.9	8.9
279	1.1	1.0	1.6

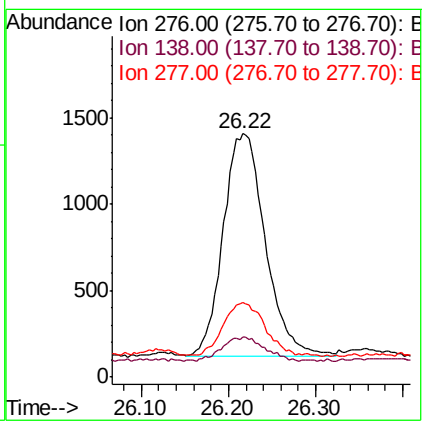


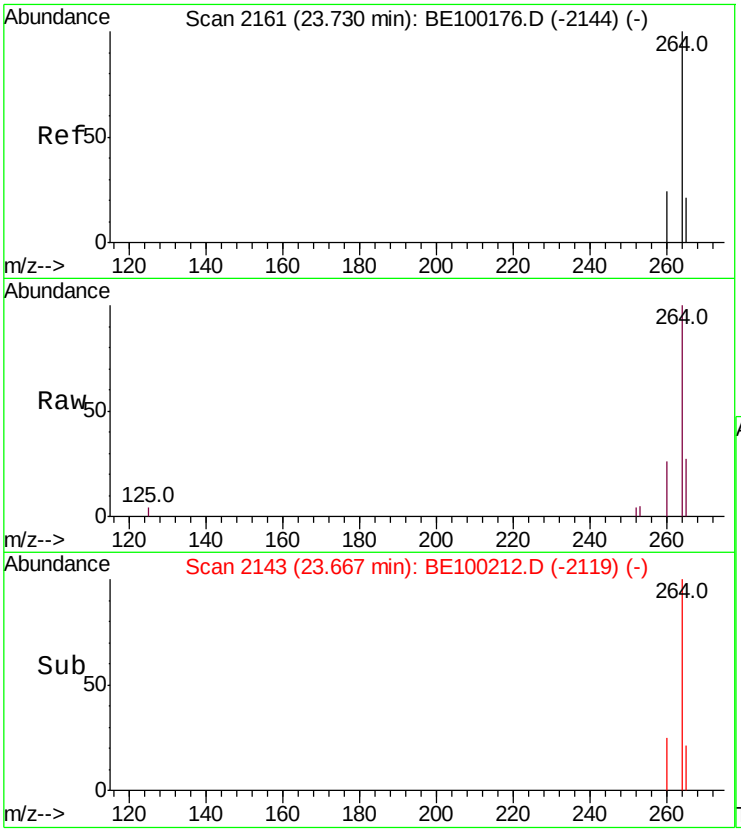


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.101 ng
RT: 26.22 min Scan# 2854
Delta R.T. -0.09 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:276 Resp: 4357

Ion	Ratio	Lower	Upper
276	100		
138	10.8	3.7	5.5#
277	23.8	18.7	28.1



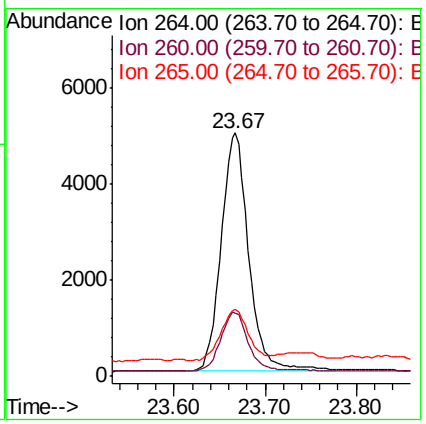


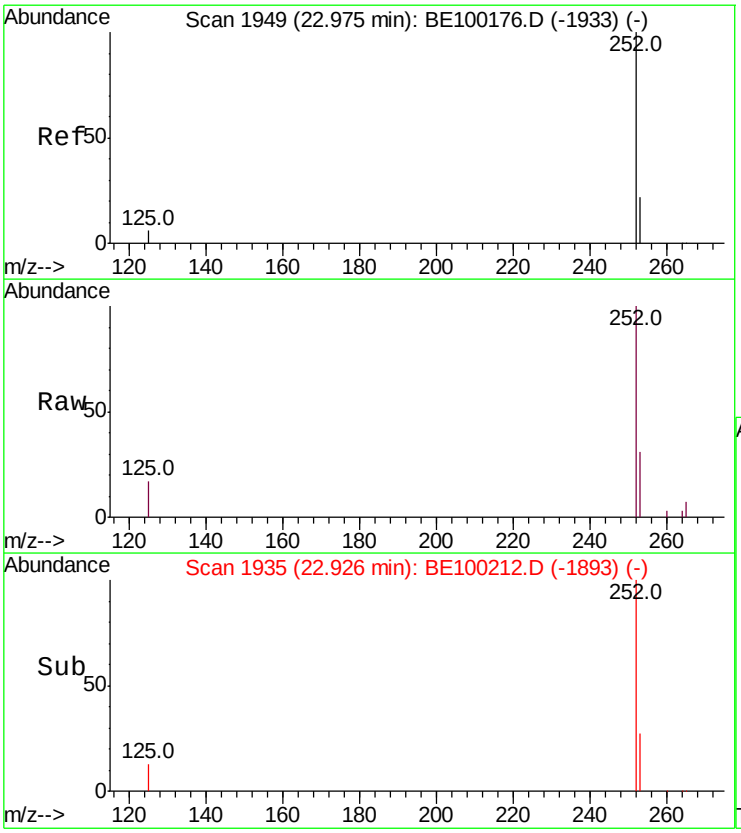
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 10482

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.4	30.6
265	27.3	22.5	33.7

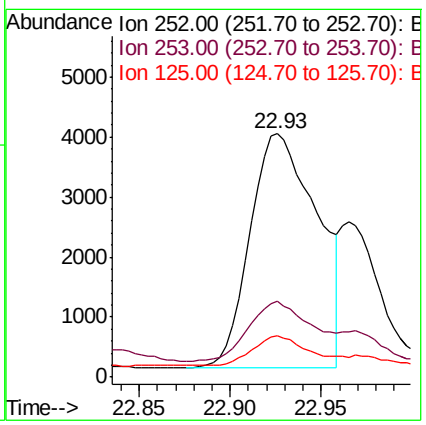


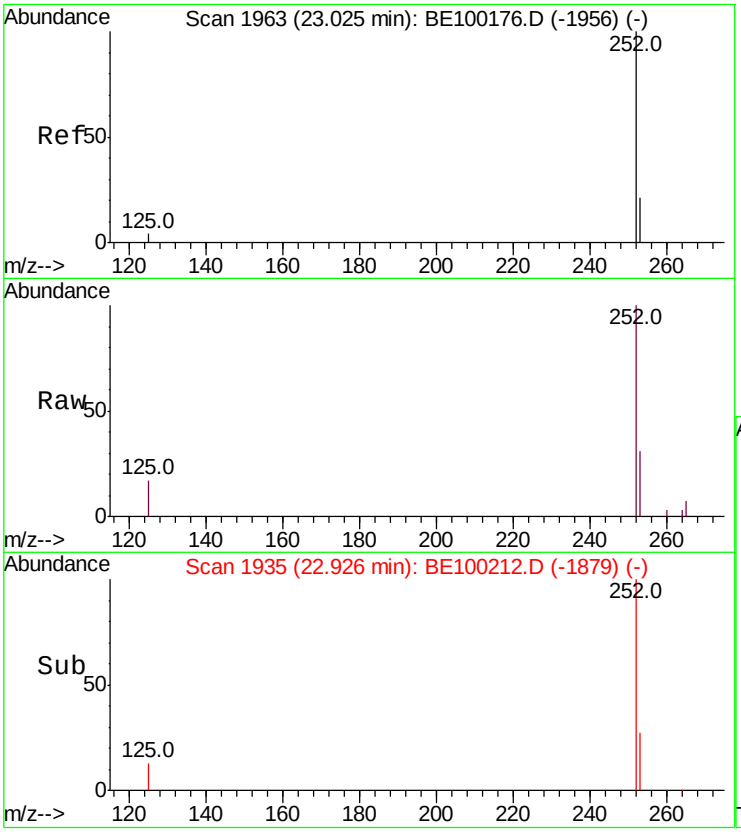


#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.05 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:252 Resp: 10042

Ion	Ratio	Lower	Upper
252	100		
253	31.4	19.0	28.4#
125	17.0	6.3	9.5#



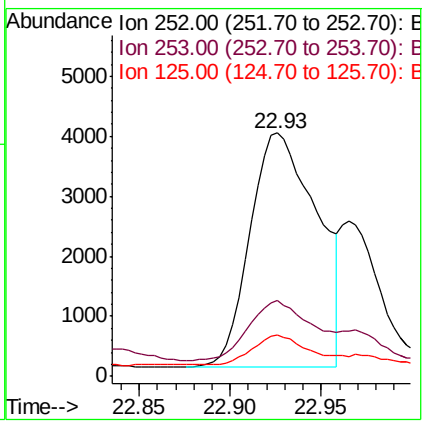


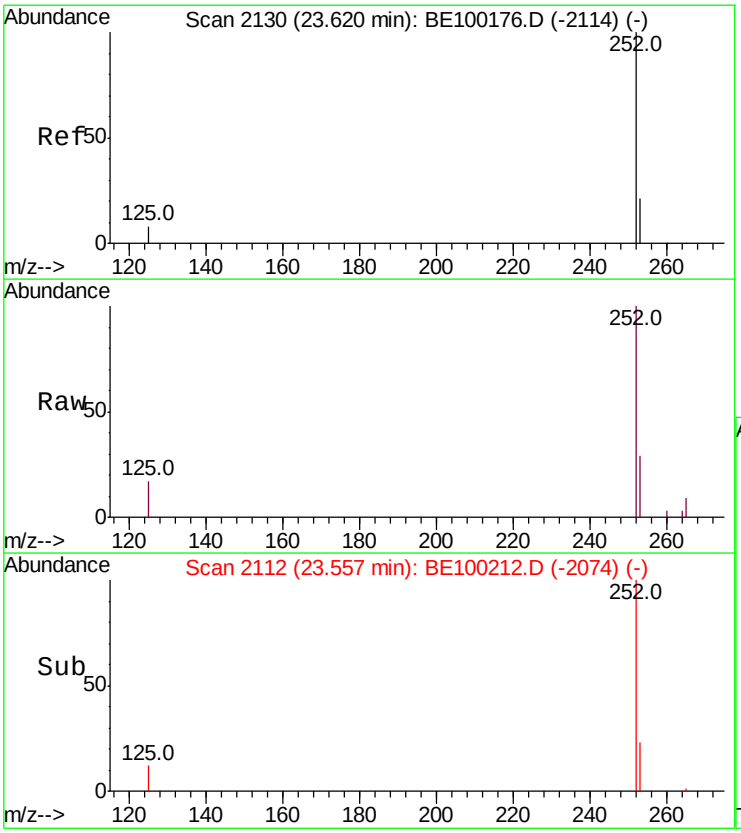
#36
Benzo(k)fluoranthene
Concen: 0.298 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.10 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10042

Ion	Ratio	Lower	Upper
252	100		
253	31.4	18.4	27.6#
125	17.0	5.0	7.4#

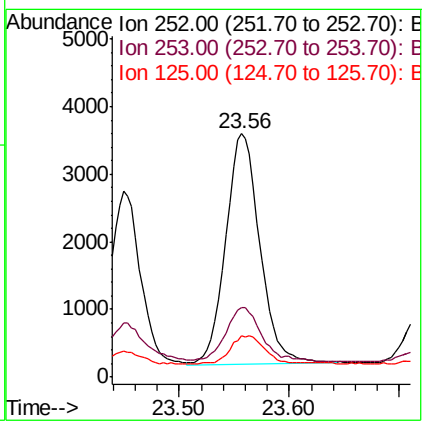


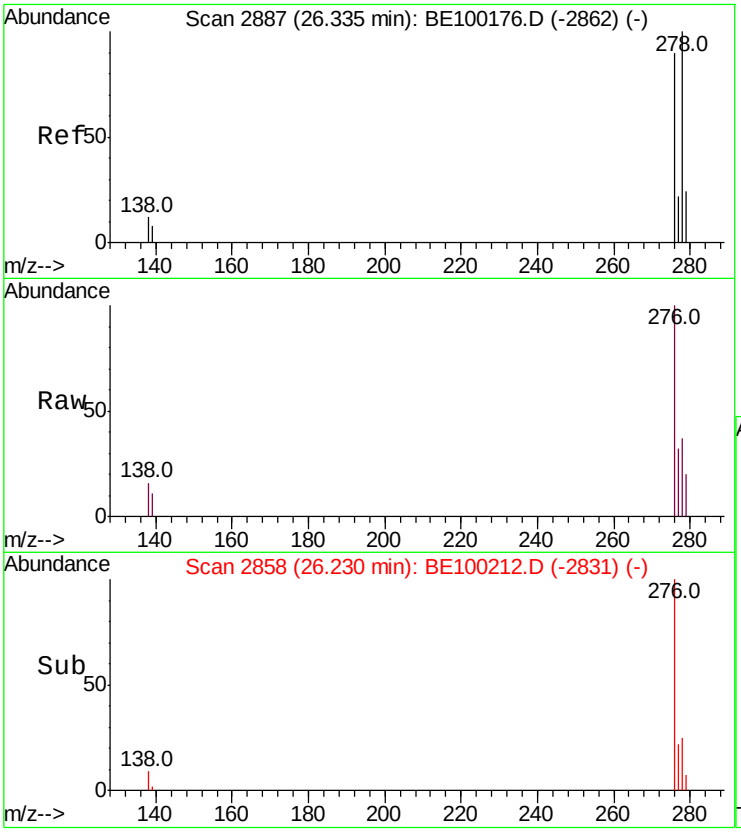


#37
Benzo(a)pyrene
Concen: 0.252 ng
RT: 23.56 min Scan# 2112
Delta R.T. -0.06 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:252 Resp: 7372

Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.2	28.8
125	16.9	8.2	12.2#



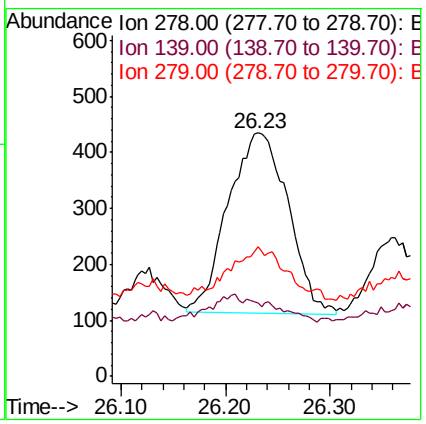


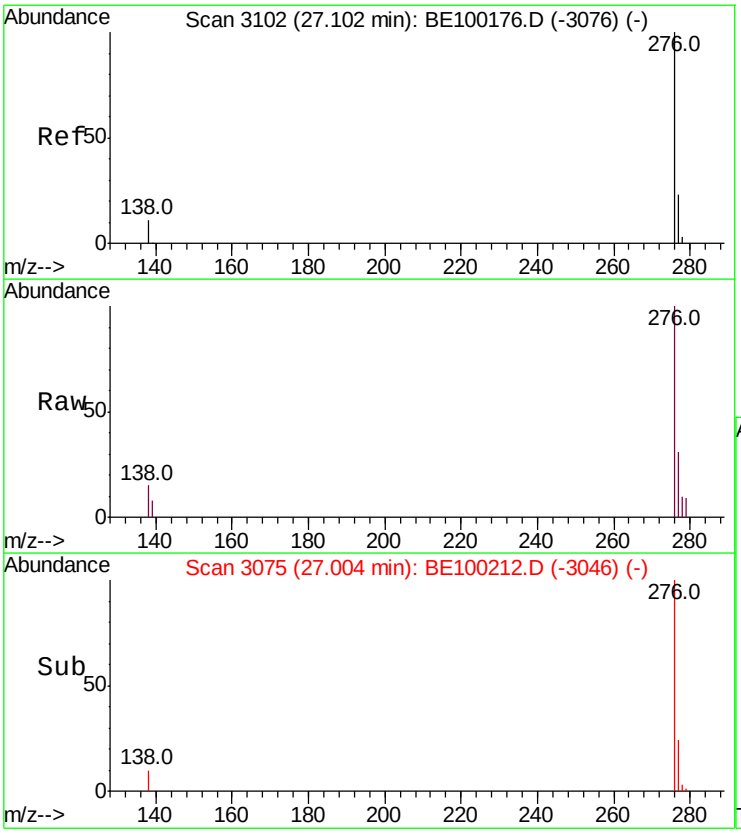
#38
Dibenzo(a,h)anthracene
Concen: 0.041 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.10 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 1280

Ion	Ratio	Lower	Upper
278	100		
139	30.3	9.0	13.4#
279	53.3	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.138 ng
RT: 27.00 min Scan# 3075
Delta R.T. -0.10 min
Lab File: BE100212.D
Acq: 27 Jun 2019 19:40

Tgt Ion:276 Resp: 4507

Ion	Ratio	Lower	Upper
276	100		
277	30.6	19.8	29.6#
138	15.5	10.2	15.4#