Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100273.D
Acq On : 1 Jul 2019 19:43
Operator : JU/SJ
Sample : K3428-12DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-084-SW156-061319DL

Quant Time: Jul 02 02:22:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	815	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	3018	0.40	ng		0.00
13) Acenaphthene-d10	14.31	164	2401	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	6749	0.40	ng		0.00
27) Chrysene-d12	21.25	240	8848	0.40	ng		0.00
34) Perylene-d12	23.67	264	9950	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	68	0.03	ng		0.01
5) Phenol-d6	6.85	99	84	0.03	ng		0.01
8) Nitrobenzene-d5	8.83	82	98	0.03	ng		0.01
11) 2-Methylnaphthalene-d10	12.05	152	226	0.04	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	43	0.03	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	255	0.03	ng		0.00
25) Fluoranthene-d10	19.10	212	3042	0.03	ng		0.00
29) Terphenyl-d14	19.70	244	1375	0.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	20	0.016	ng	#	32
3) n-Nitrosodimethylamine	3.45	42	26	0.044	ng	#	1
6) bis(2-Chloroethyl)ether	7.06	93	6	0.003	ng	#	1
9) Naphthalene	10.48	128	1317	0.040	ng	#	85
10) Hexachlorobutadiene	10.77	225	2	0.001	ng	#	20
12) 2-Methylnaphthalene	12.12	142	265	0.045	ng	#	89
16) Acenaphthylene	14.04	152	1722	0.149	ng	#	95
17) Acenaphthene	14.39	154	668	0.102	ng		97
18) Fluorene	15.35	166	1044	0.108	ng	#	94
20) 4-Bromophenyl-phenylether	16.25	248	6	0.001	ng	#	62
21) Hexachlorobenzene	16.32	284	6	0.001	ng	#	48
22) Pentachlorophenol	16.76	266	12	0.009	ng	#	74
23) Phenanthrene	17.09	178	31308	1.914	ng		99
24) Anthracene	17.19	178	4061	0.276	ng	#	93
26) Fluoranthene	19.13	202	54831	2.104	ng		99
28) Pyrene	19.49	202	98672	4.212	ng	#	94
30) Benzo(a)anthracene	21.23	228	52758	1.813	ng		97
31) Chrysene	21.28	228	61678	2.111	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	2714	0.008	ng	#	96
33) Indeno(1,2,3-cd)pyrene	26.23	276	20638	0.534	ng		97
35) Benzo(b)fluoranthene	22.93	252	55784	2.068	ng	#	97
36) Benzo(k)fluoranthene	22.93	252	55784	1.853	ng		97
37) Benzo(a)pyrene	23.72	252	7041	0.260	ng		94
38) Dibenzo(a,h)anthracene	26.24	278	7268	0.257	ng	#	87
39) Benzo(g,h,i)perylene	27.02	276	25568	0.881	ng		100

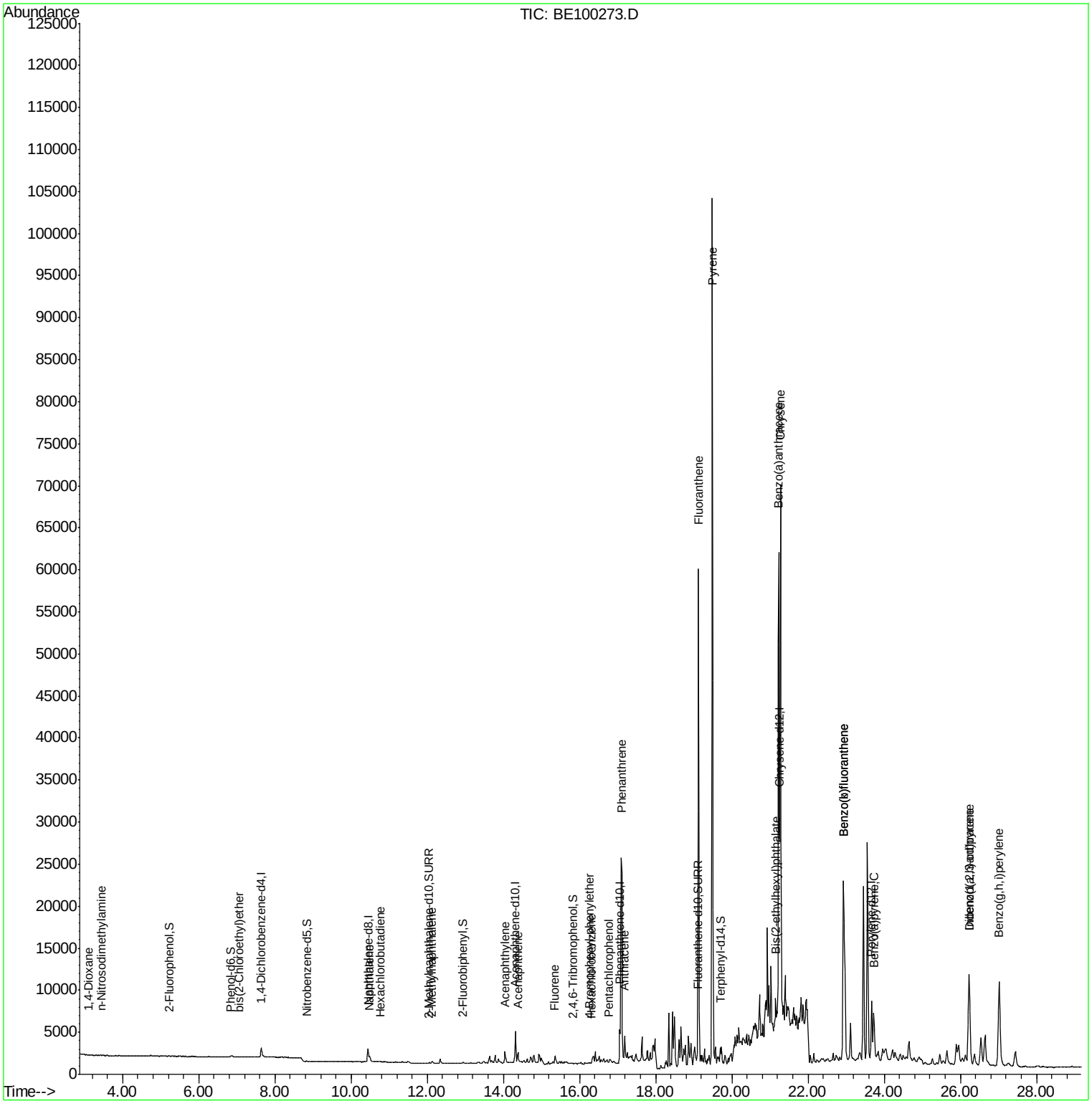
(#) = qualifier out of range (m) = manual integration (+) = signals summed

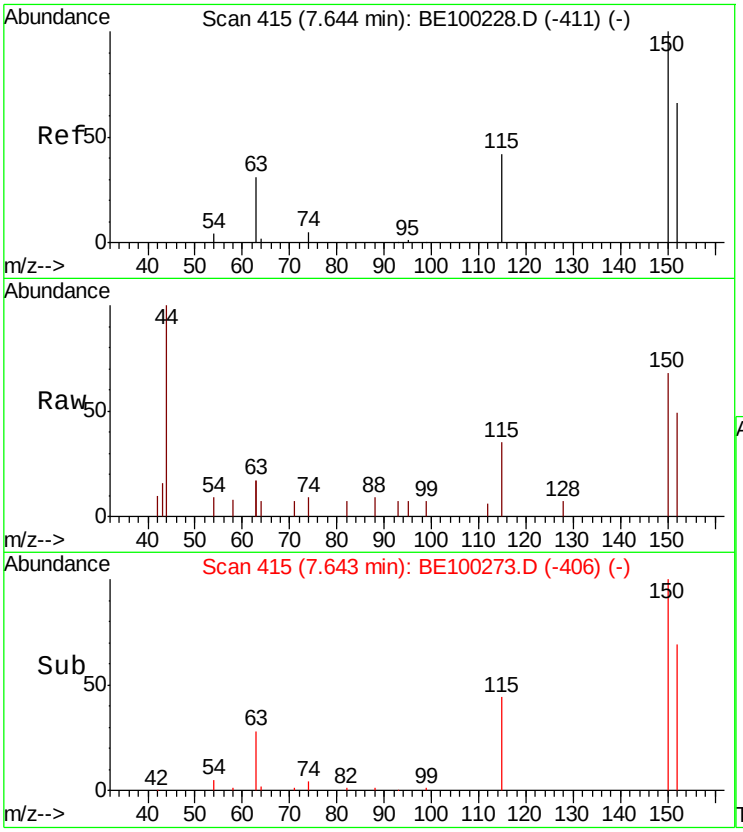
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100273.D
Acq On : 1 Jul 2019 19:43
Operator : JU/SJ
Sample : K3428-12DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Quant Time: Jul 02 02:22:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



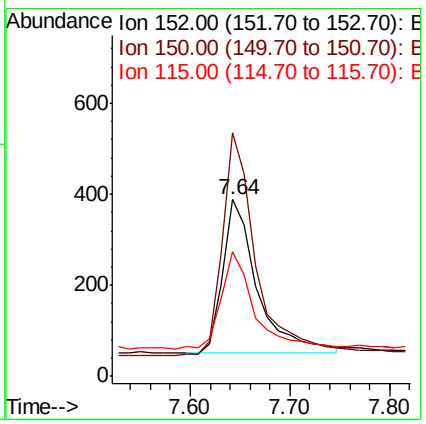


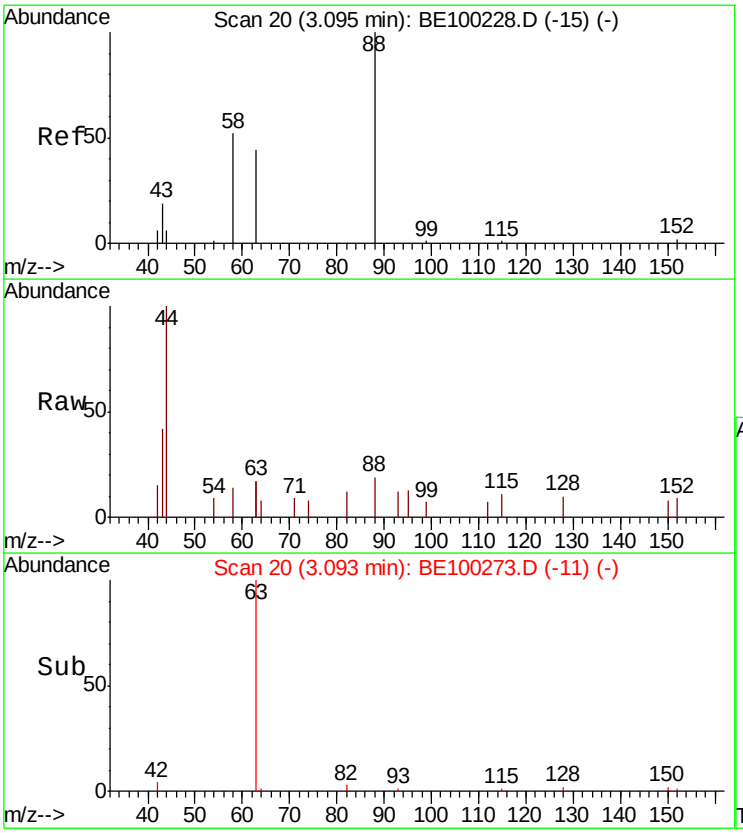
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:152 Resp: 815

Ion	Ratio	Lower	Upper
152	100		
150	137.9	114.5	171.7
115	70.4	57.1	85.7

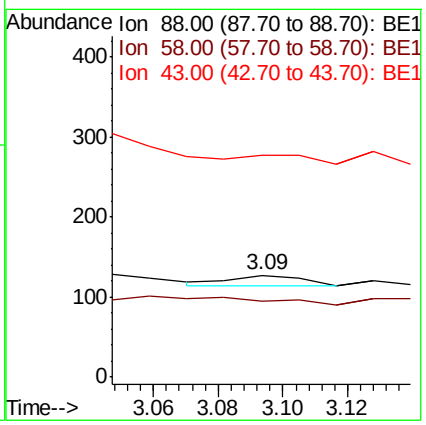


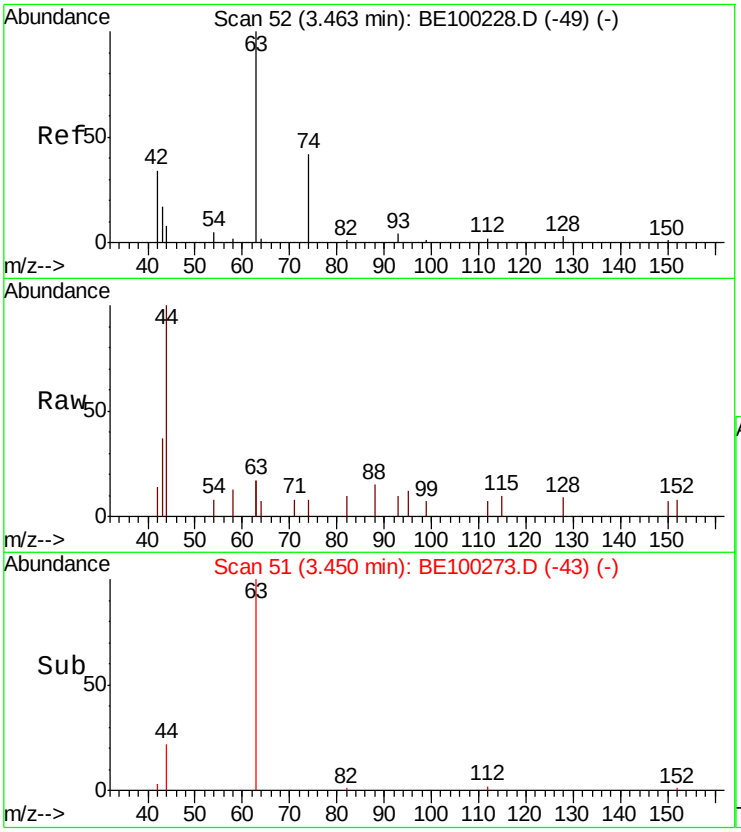


#2
1,4-Dioxane
Concen: 0.016 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
58	0.0	43.6	65.4#
43	0.0	21.4	32.0#



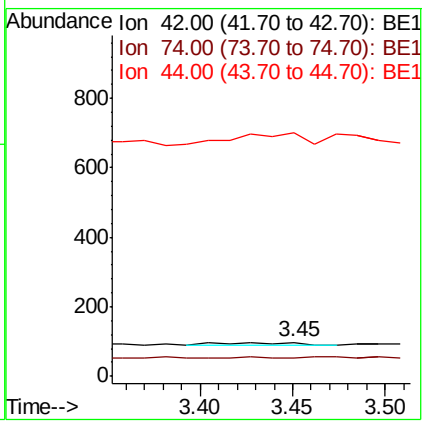


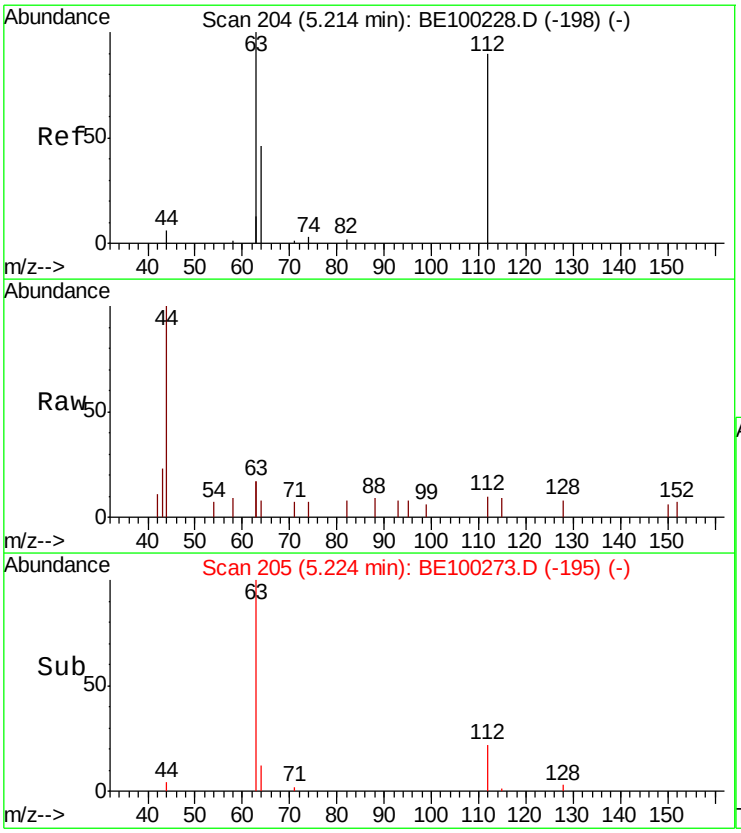
#3
n-Nitrosodimethylamine
Concen: 0.044 ng
RT: 3.45 min Scan# 51
Delta R.T. -0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion: 42 Resp: 26

Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.6	196.0#
44	330.8	38.0	57.0#

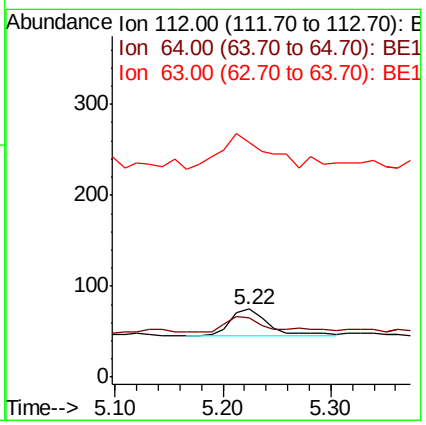


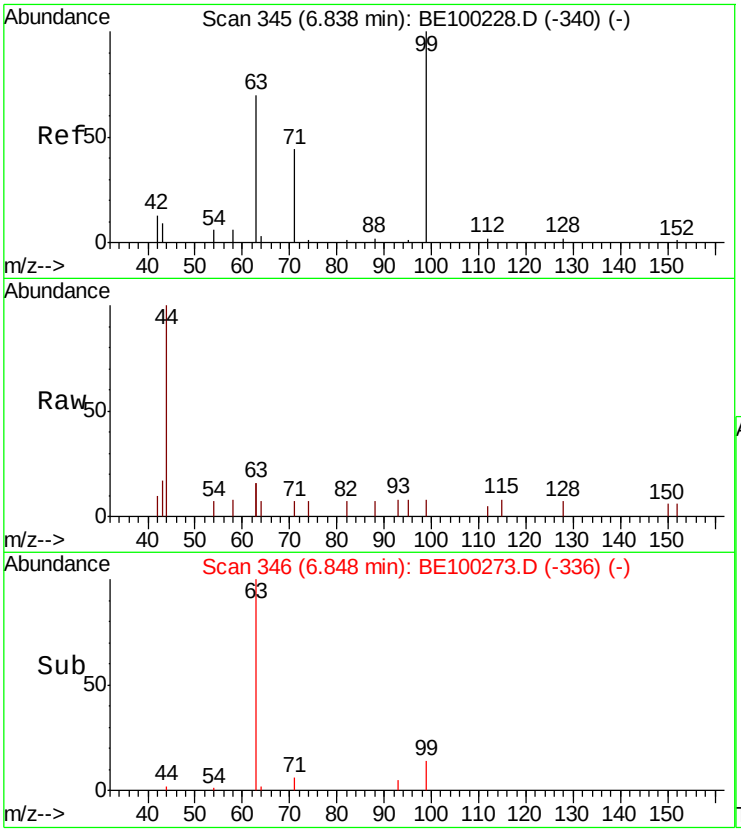


#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:112 Resp: 68

Ion	Ratio	Lower	Upper
112	100		
64	51.5	39.4	59.0
63	172.1	104.5	156.7#



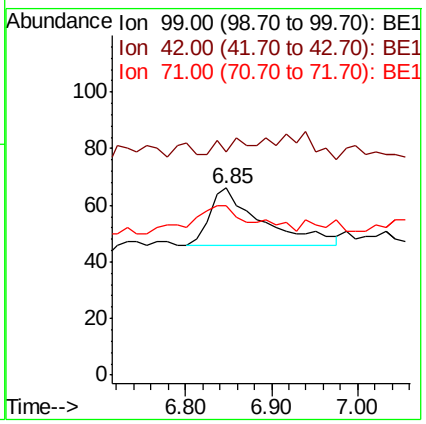


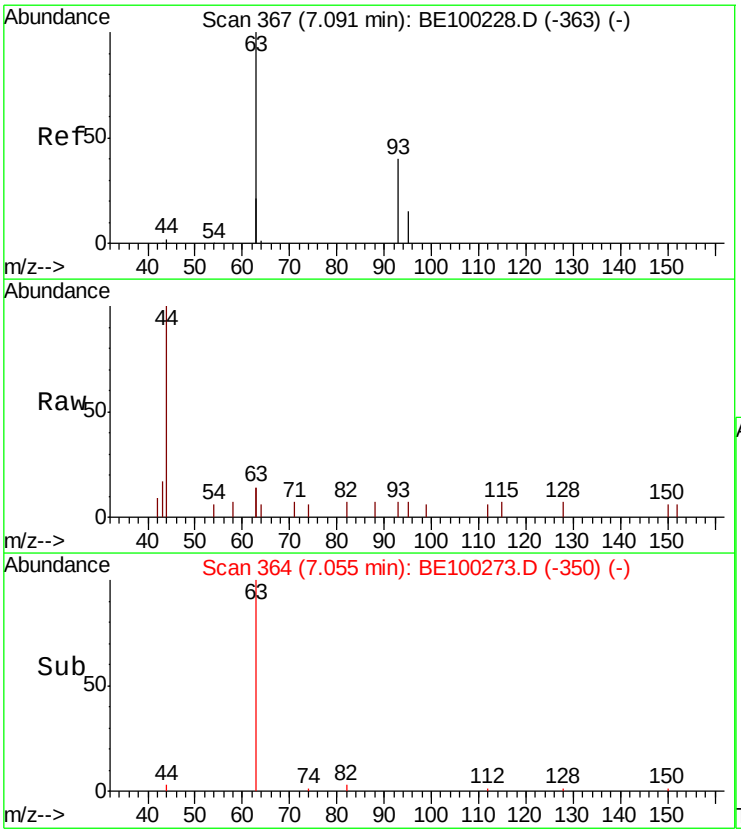
#5
Phenol-d6
Concen: 0.031 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion: 99 Resp: 84

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.2	16.8
71	0.0	37.2	55.8#

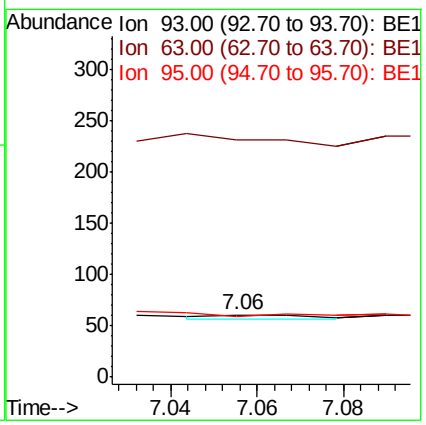


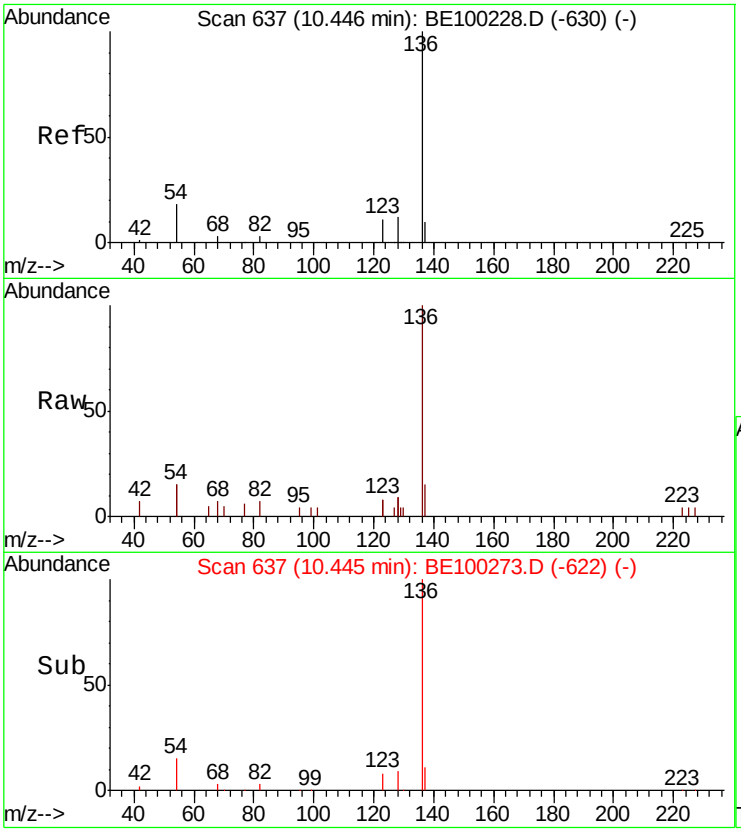


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.04 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion: 93 Resp: 6

Ion	Ratio	Lower	Upper
93	100		
63	366.7	155.6	233.4#
95	0.0	23.0	34.4#



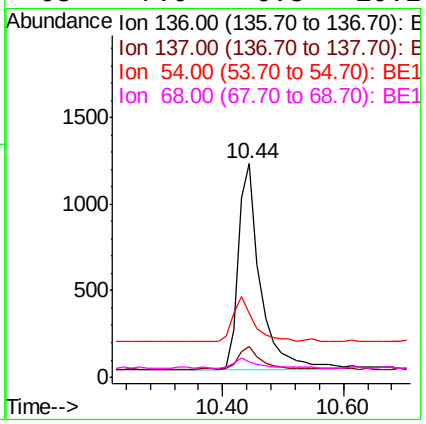


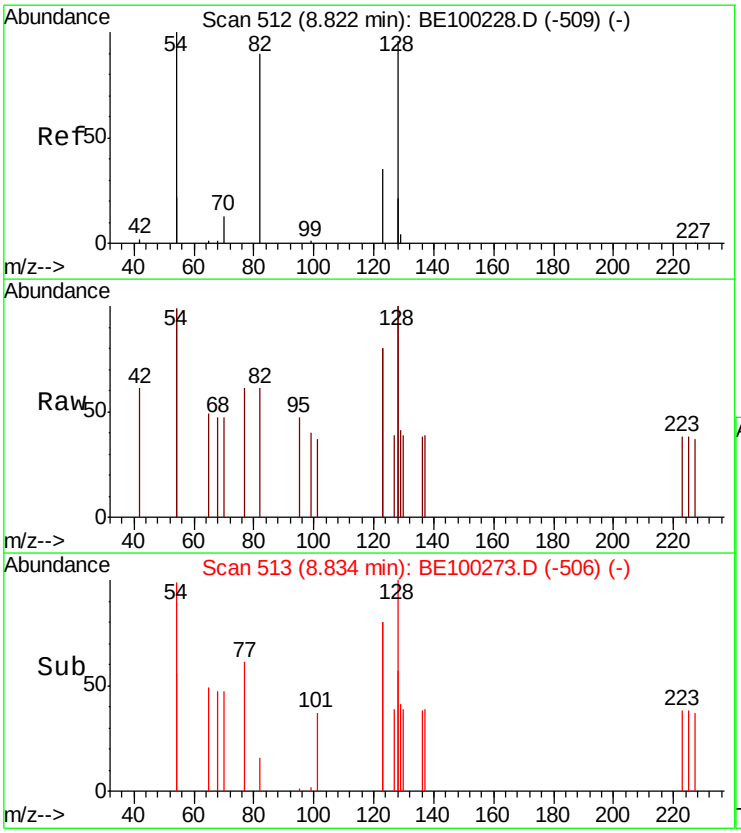
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:136 Resp: 3018

Ion	Ratio	Lower	Upper
136	100		
137	14.6	11.8	17.8
54	29.8	27.7	41.5
68	7.0	6.8	10.2

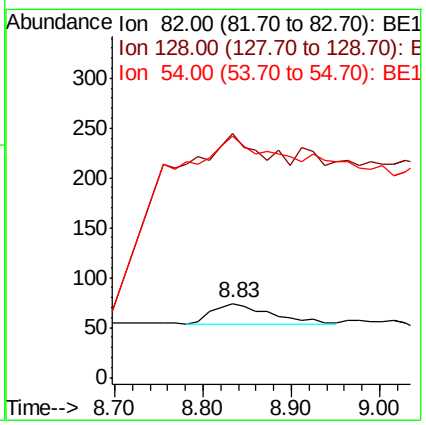


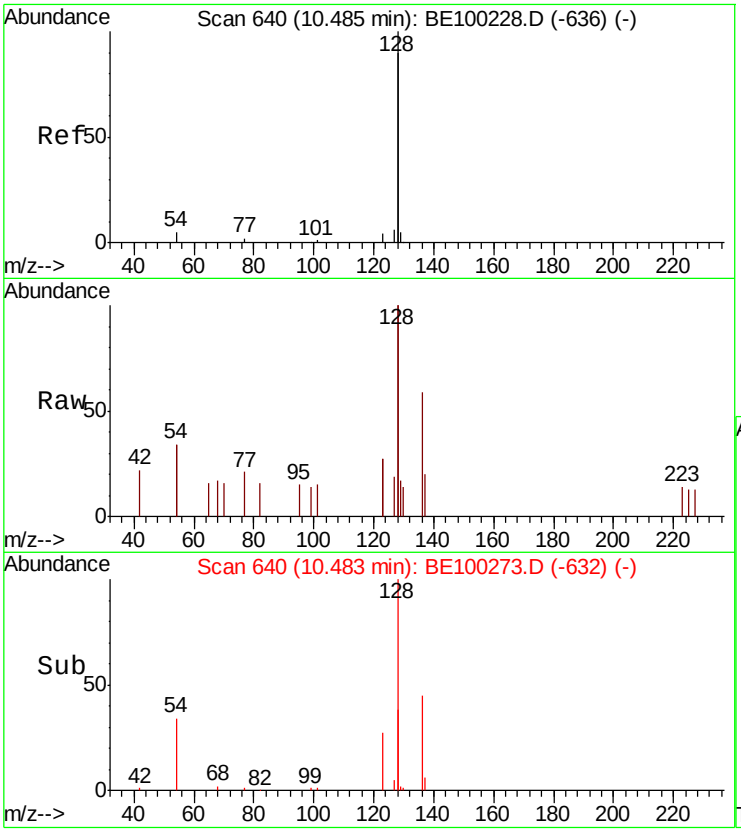


#8
Nitrobenzene-d5
Concen: 0.033 ng
RT: 8.83 min Scan# 513
Delta R.T. 0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion: 82 Resp: 98

Ion	Ratio	Lower	Upper
82	100		
128	329.7	140.9	211.3#
54	327.0	146.2	219.2#



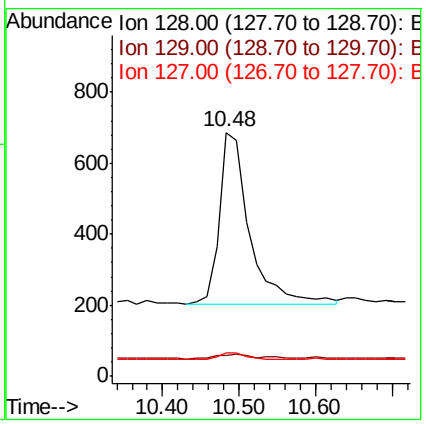


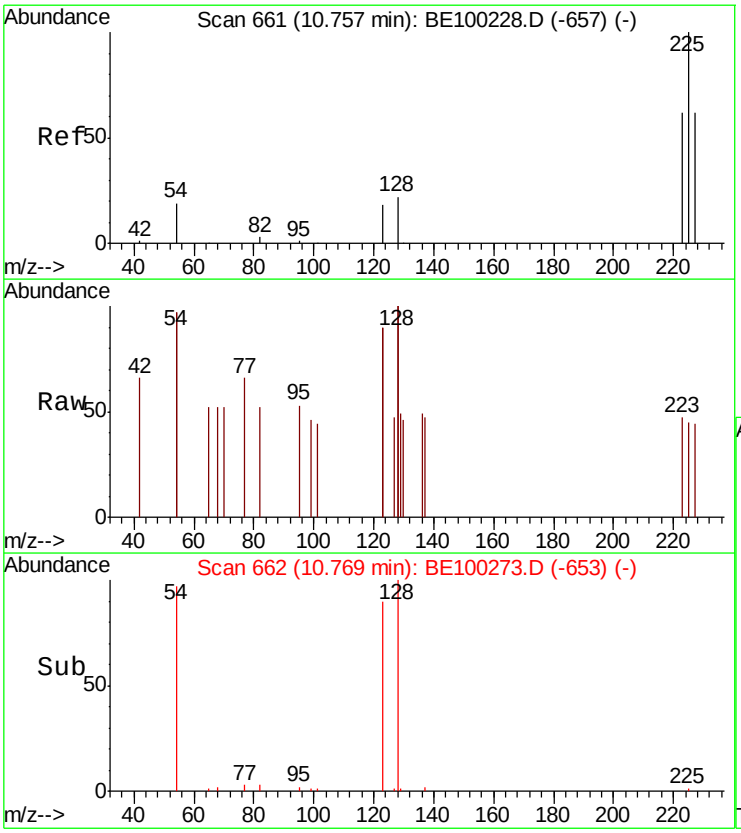
#9
Naphthalene
Concen: 0.040 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:128 Resp: 1317

Ion	Ratio	Lower	Upper
128	100		
129	8.7	3.0	4.6#
127	9.5	3.5	5.3#

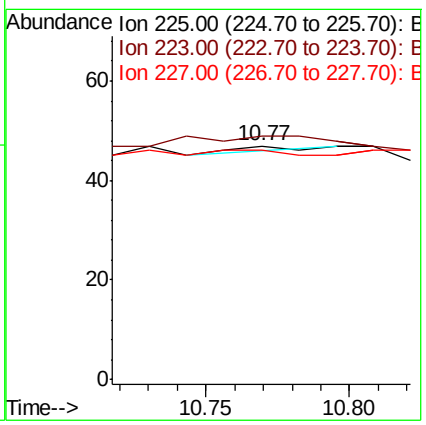


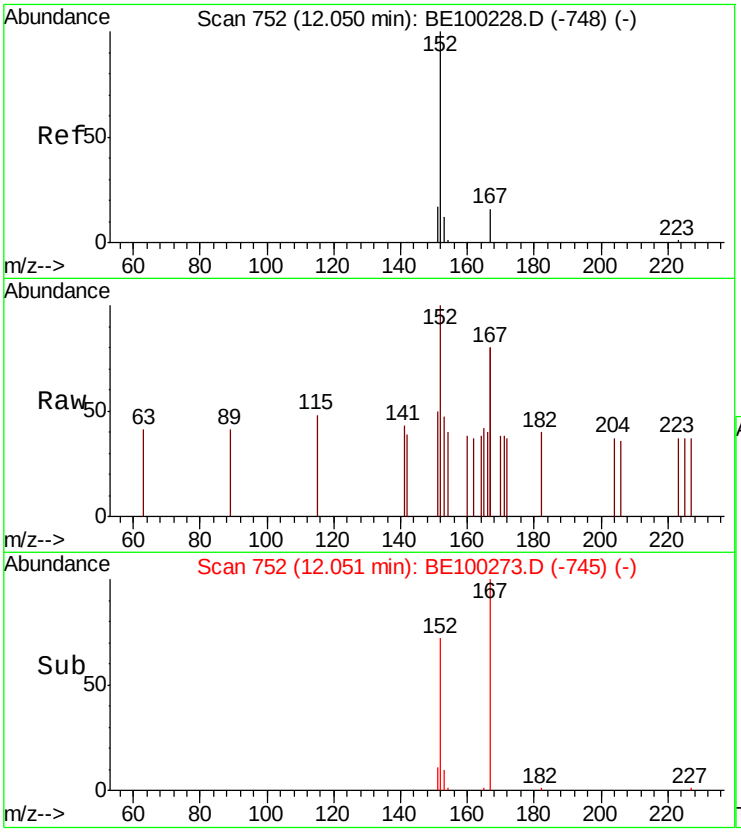


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.77 min Scan# 662
Delta R.T. 0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.1	73.7#
227	0.0	49.3	73.9#



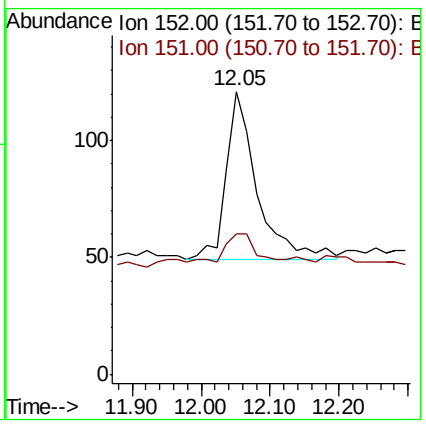


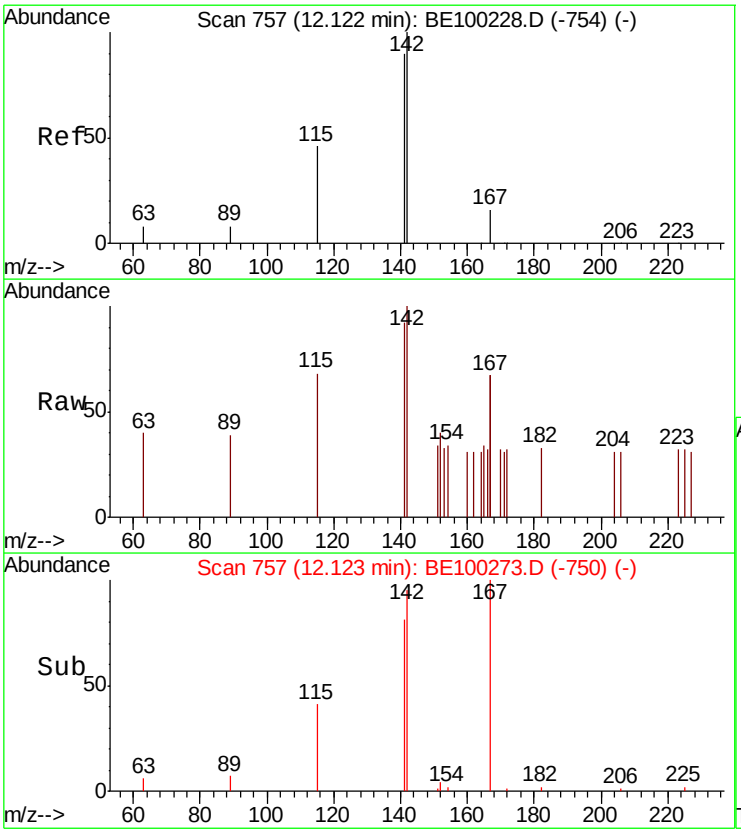
#11
2-Methylnaphthalene-d10
Concen: 0.040 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:152 Resp: 226

Ion	Ratio	Lower	Upper
152	100		
151	11.9	15.1	22.7#

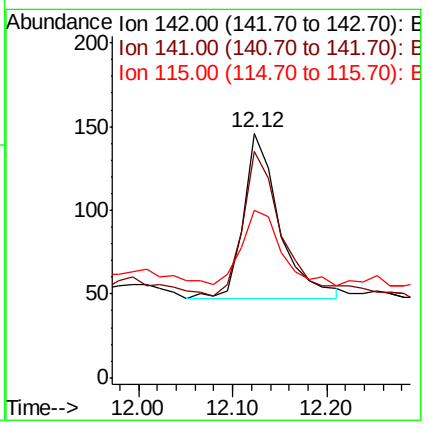


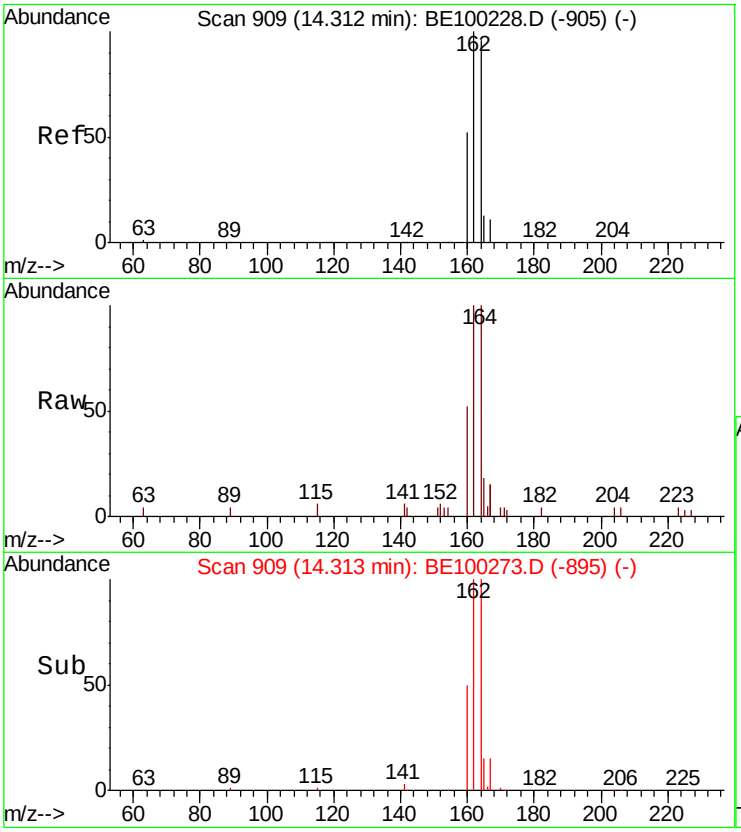


#12
2-Methylnaphthalene
Concen: 0.045 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:142 Resp: 265

Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.4	108.6
115	68.5	40.4	60.6#



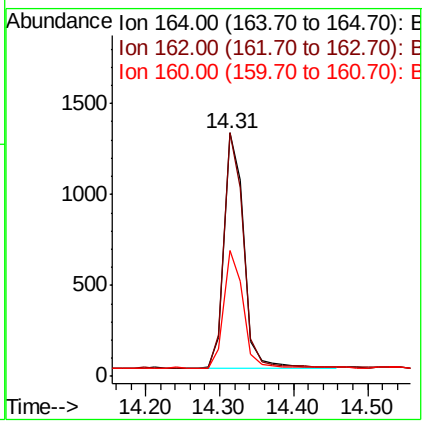


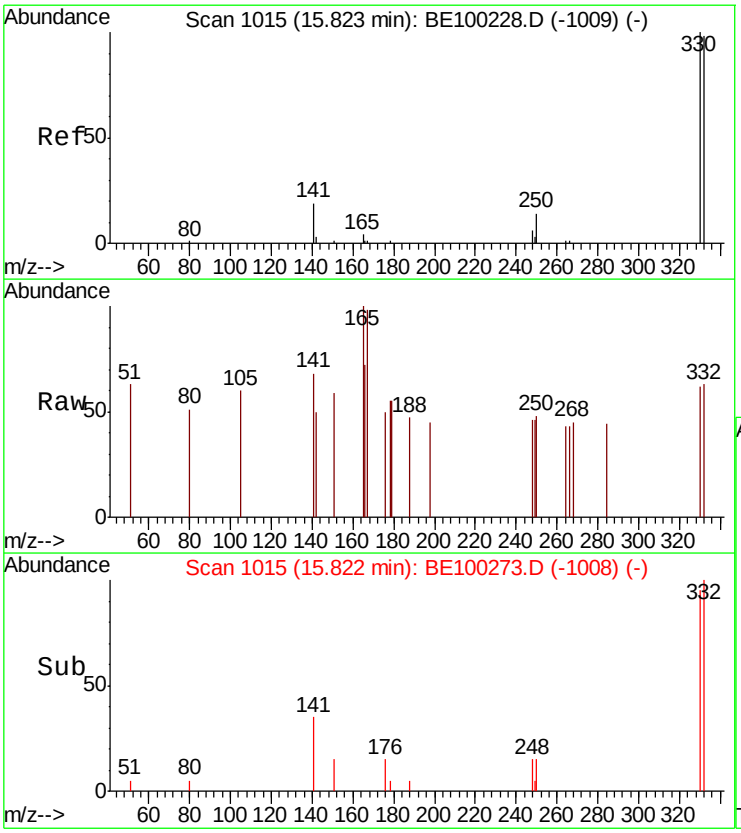
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:164 Resp: 2401

Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.4	125.0
160	51.6	45.0	67.6

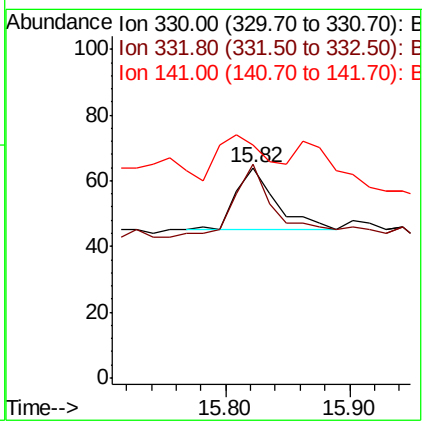


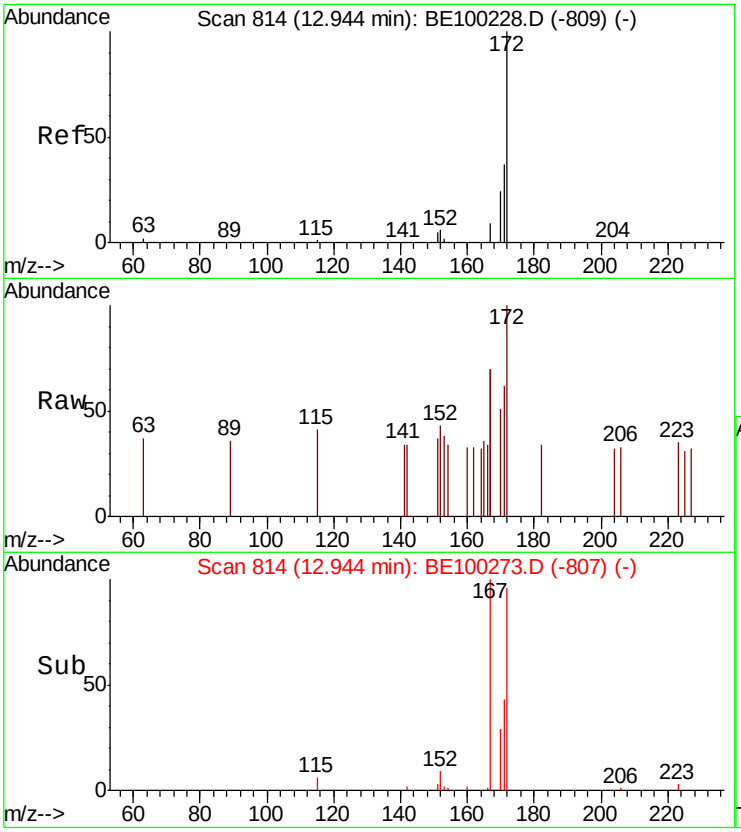


#14
2,4,6-Tribromophenol
Concen: 0.026 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:330 Resp: 43

Ion	Ratio	Lower	Upper
330	100		
332	127.9	77.0	115.4#
141	88.4	22.0	33.0#



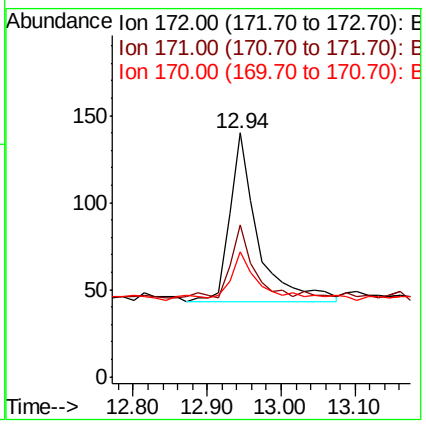


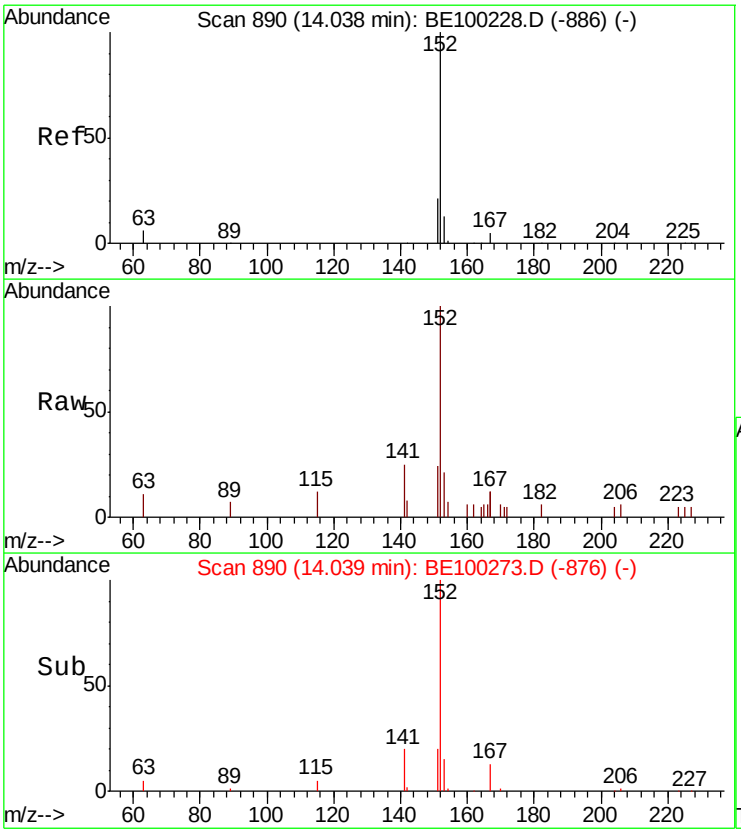
#15
2-Fluorobiphenyl
Concen: 0.027 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:172 Resp: 255

Ion	Ratio	Lower	Upper
172	100		
171	62.1	31.9	47.9#
170	51.4	22.2	33.2#

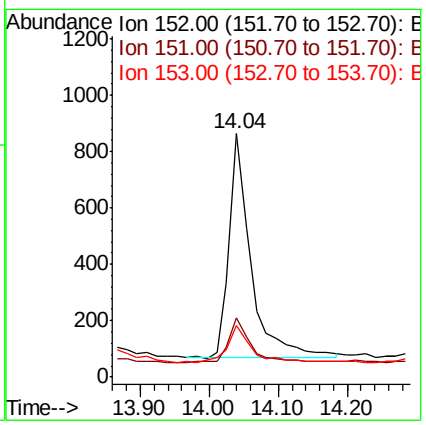


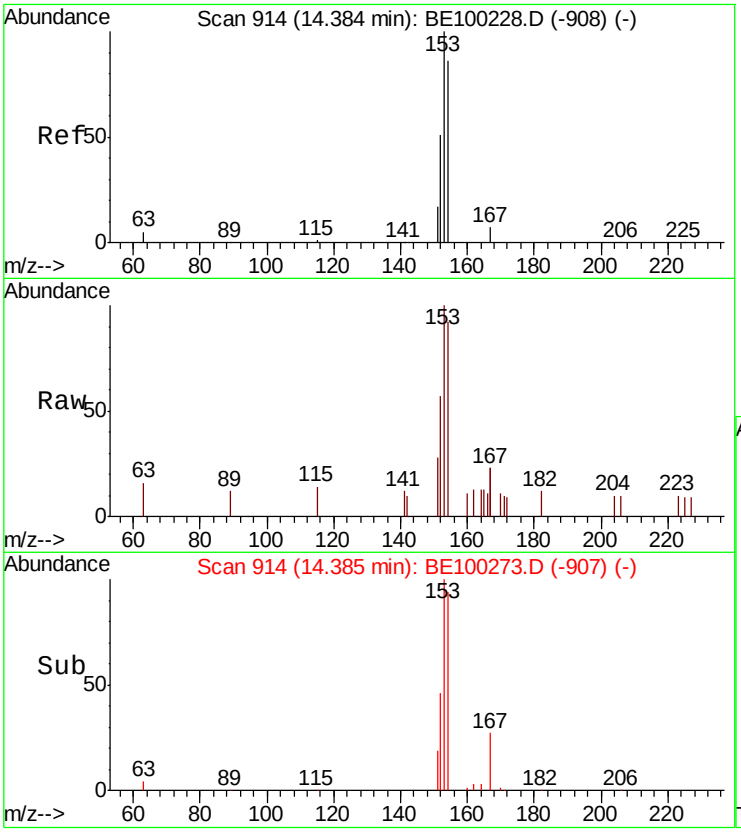


#16
Acenaphthylene
Concen: 0.149 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:152 Resp: 1722

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	25.0
153	17.5	10.5	15.7#



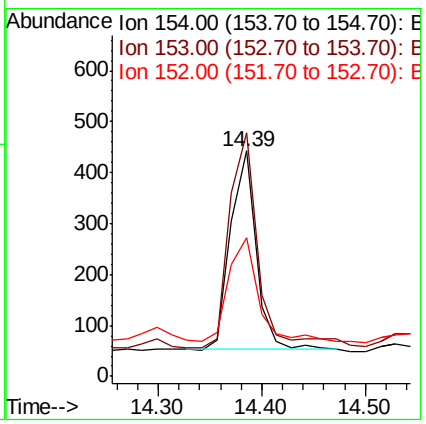


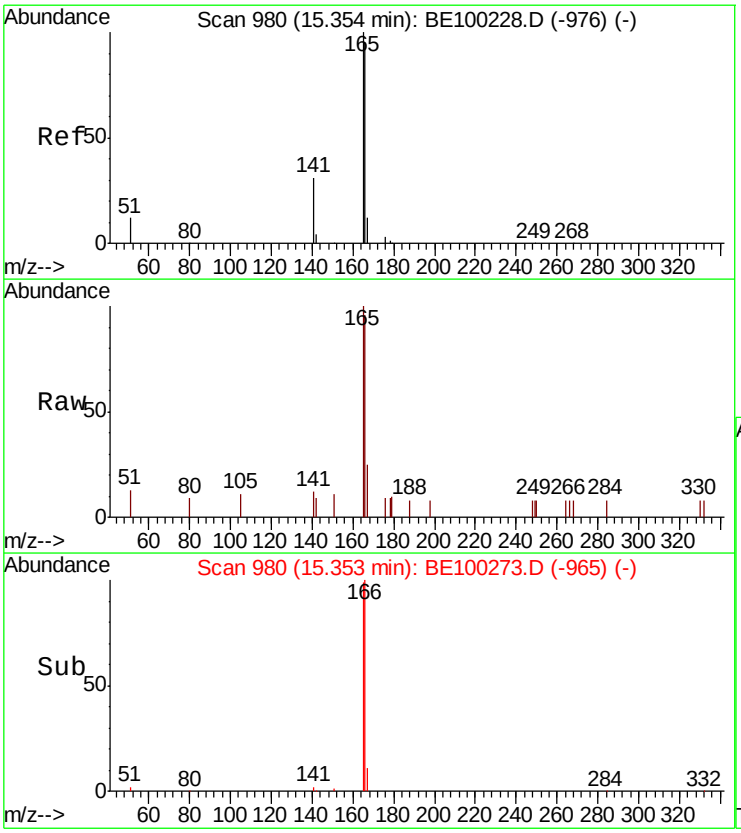
#17
Acenaphthene
Concen: 0.102 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:154 Resp: 668

Ion	Ratio	Lower	Upper
154	100		
153	122.0	93.4	140.2
152	61.5	49.4	74.2

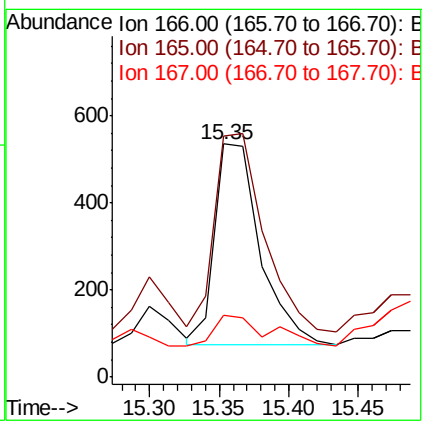


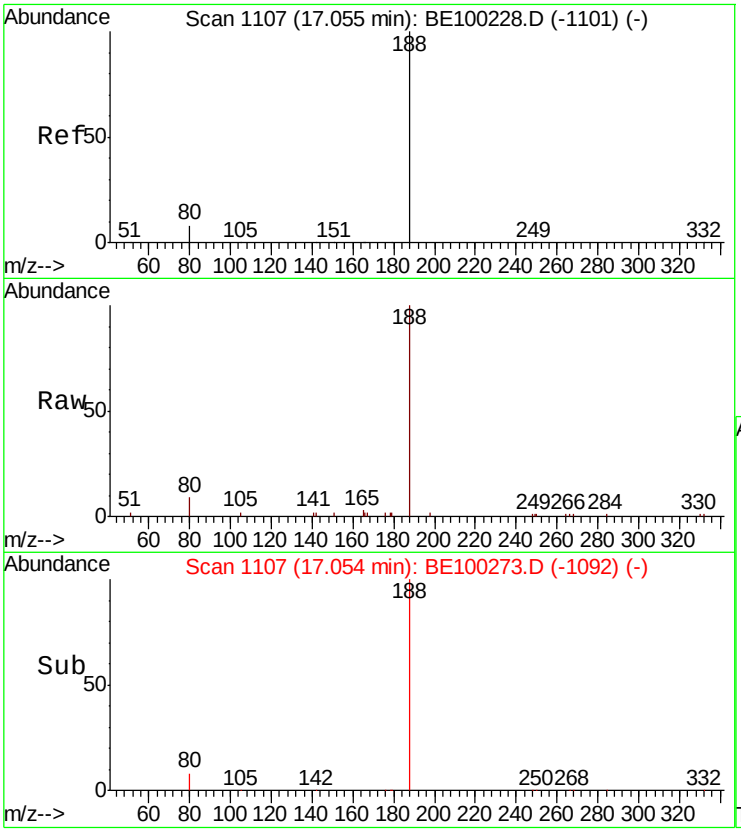


#18
Fluorene
Concen: 0.108 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:166 Resp: 1044

Ion	Ratio	Lower	Upper
166	100		
165	106.0	81.1	121.7
167	19.0	10.7	16.1#



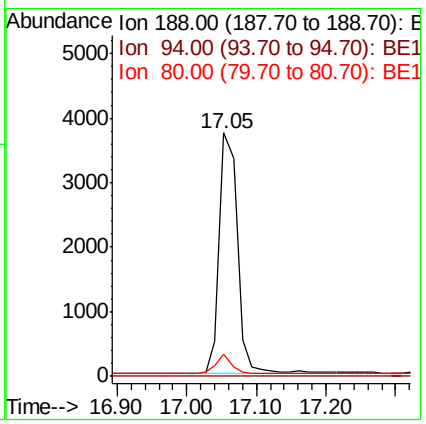


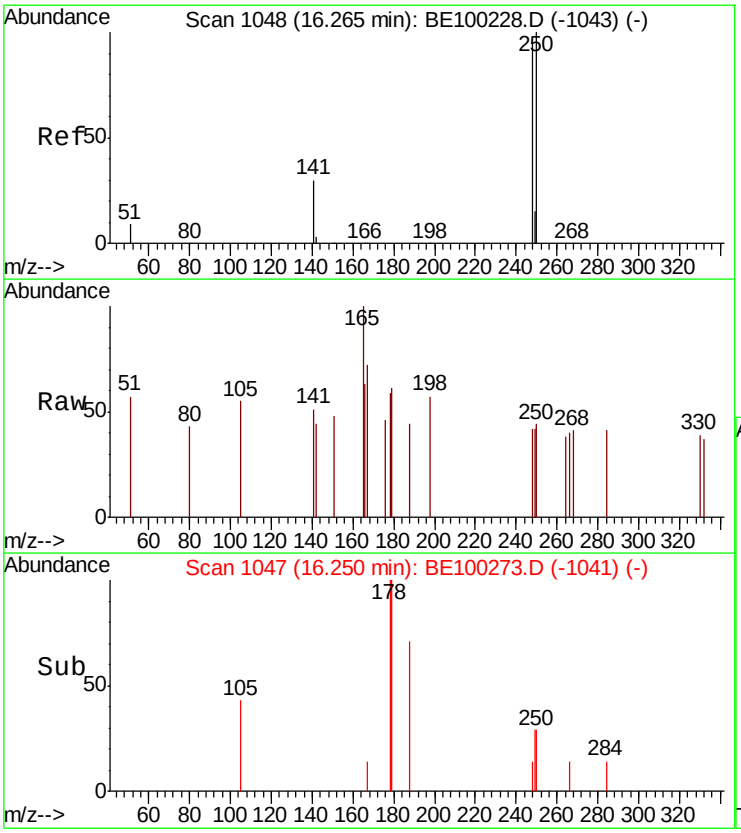
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:188 Resp: 6749

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.6	11.4

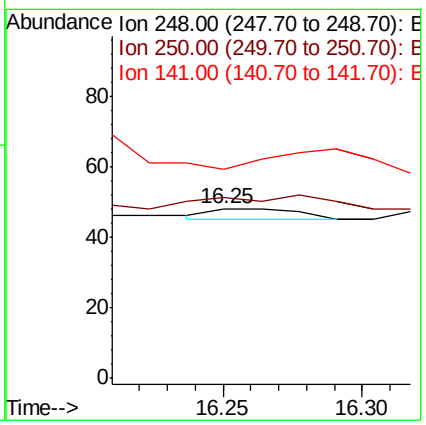


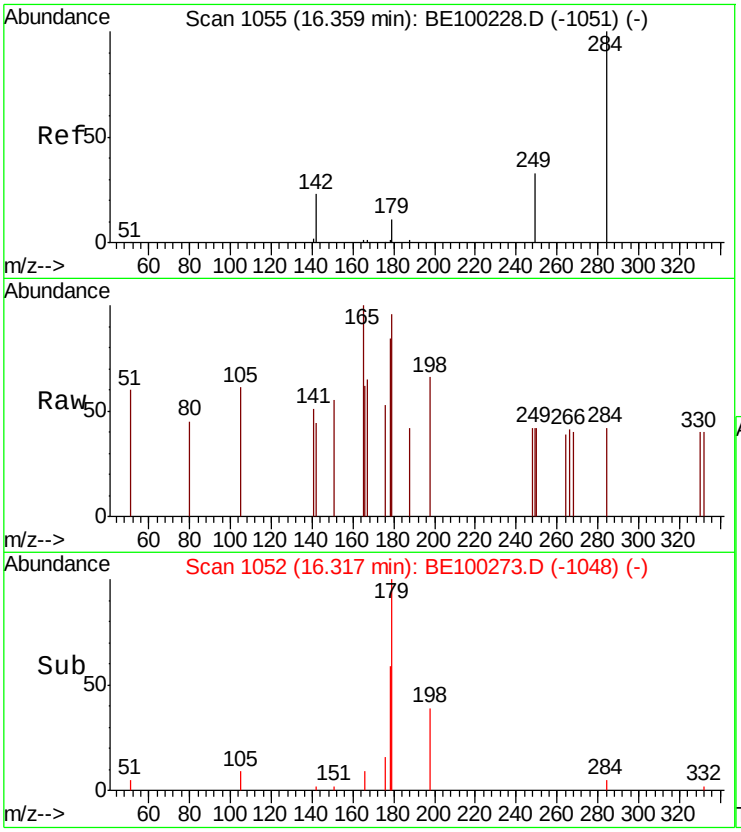


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	106.3	84.2	126.4
141	122.9	29.3	43.9#



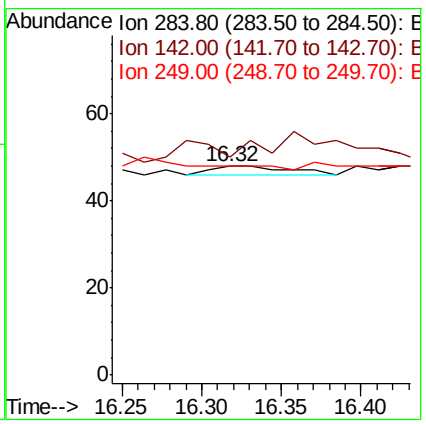


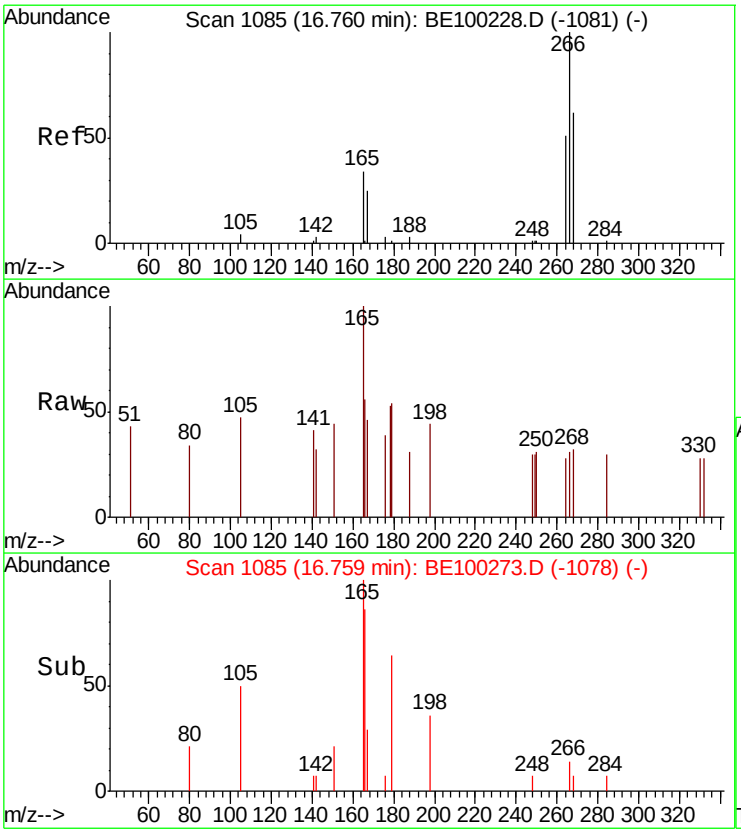
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.04 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:284 Resp: 6

Ion	Ratio	Lower	Upper
284	100		
142	0.0	18.8	28.2#
249	0.0	23.7	35.5#

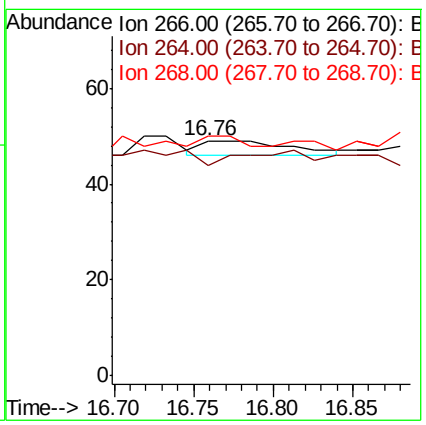


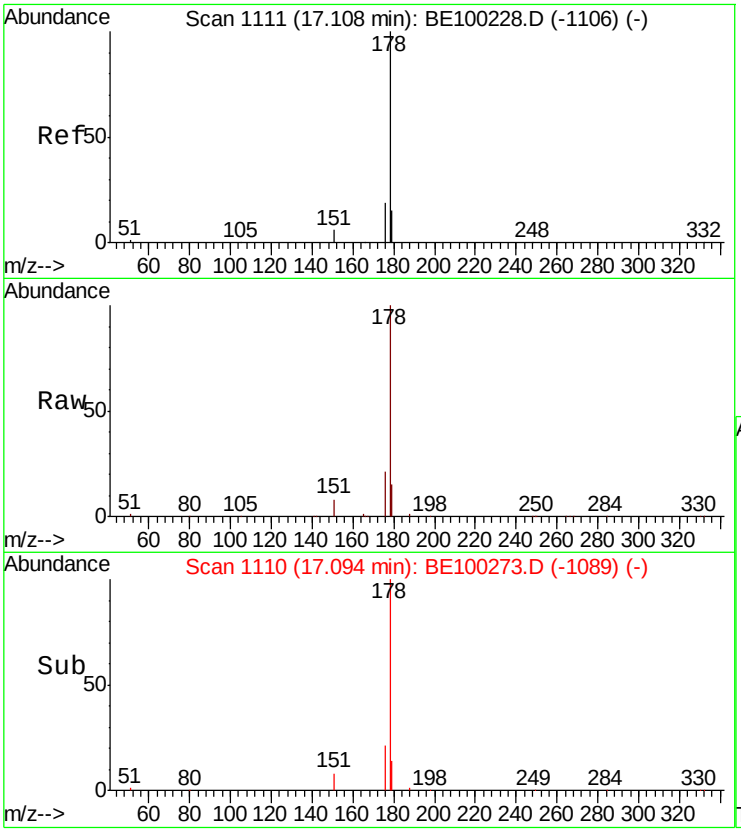


#22
Pentachlorophenol
Concen: 0.009 ng
RT: 16.76 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
264	89.8	56.2	84.2#
268	102.0	61.8	92.6#



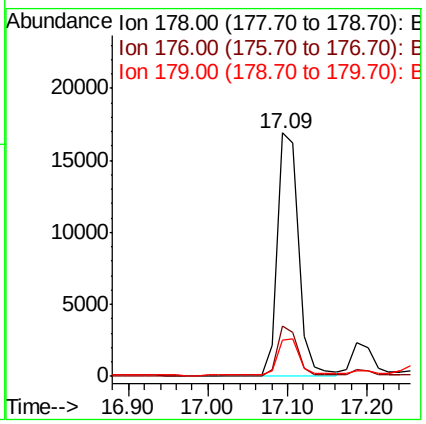


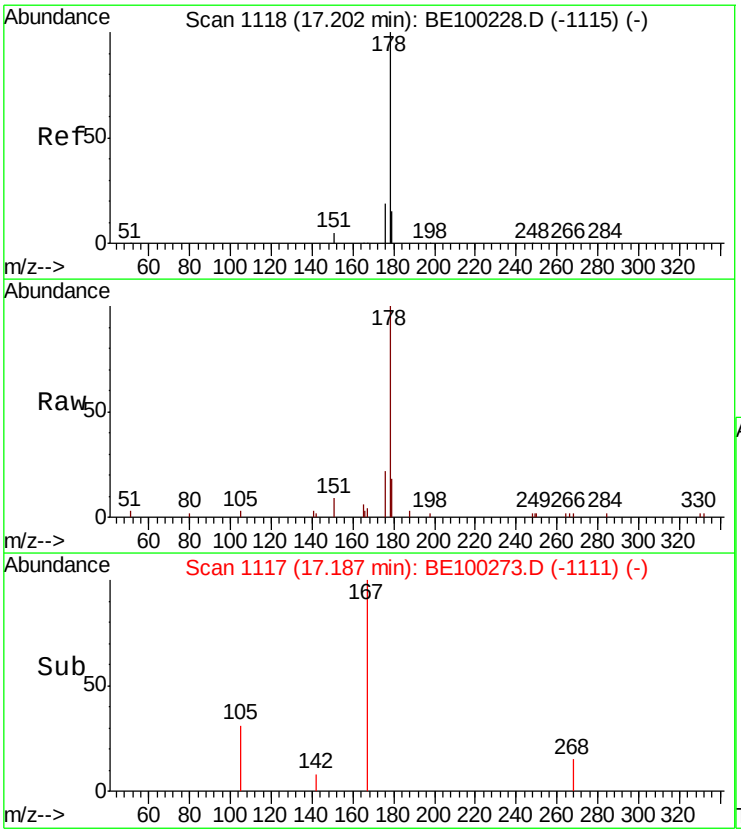
#23
Phenanthrene
Concen: 1.914 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:178 Resp: 31308

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.4	12.2	18.2

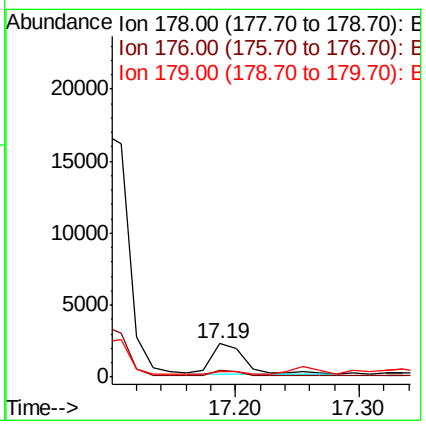


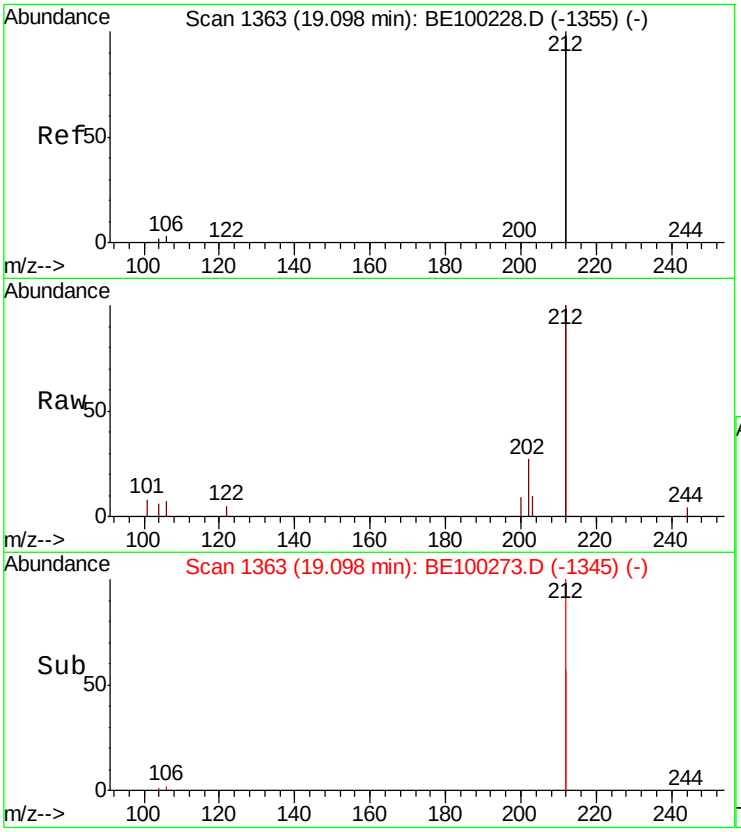


#24
Anthracene
Concen: 0.276 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:178 Resp: 4061

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.3	22.9
179	10.1	12.2	18.2#



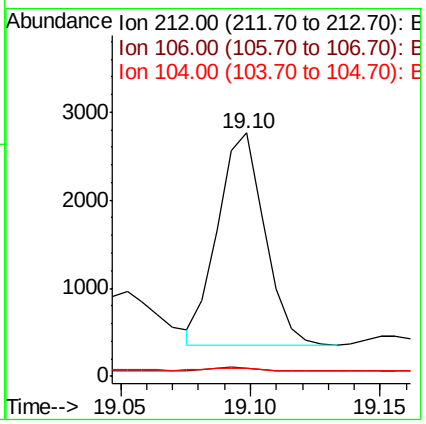


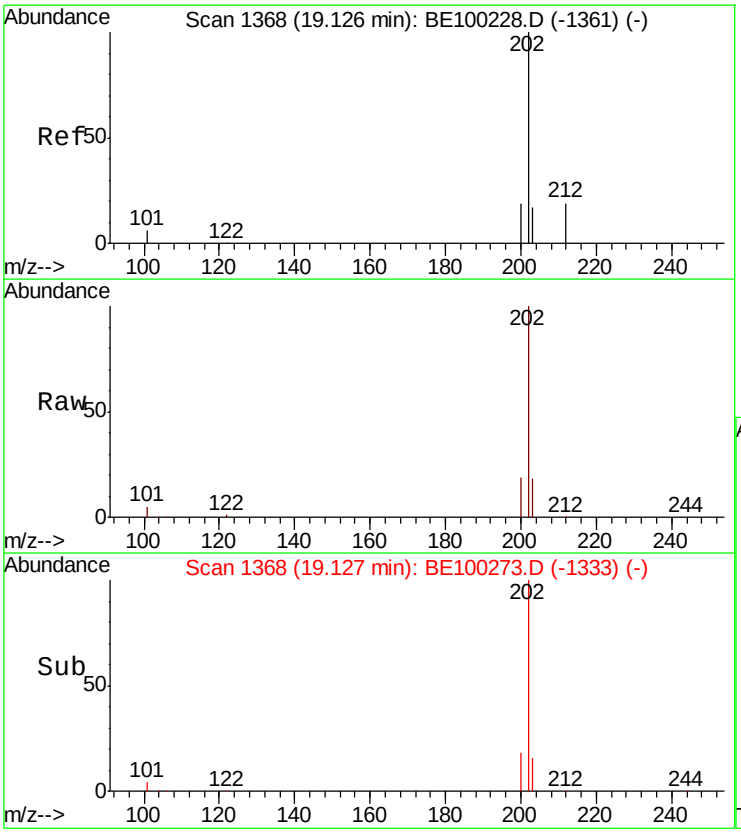
#25
Fluoranthene-d10
Concen: 0.031 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:212 Resp: 3042

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.2	0.8	1.2#

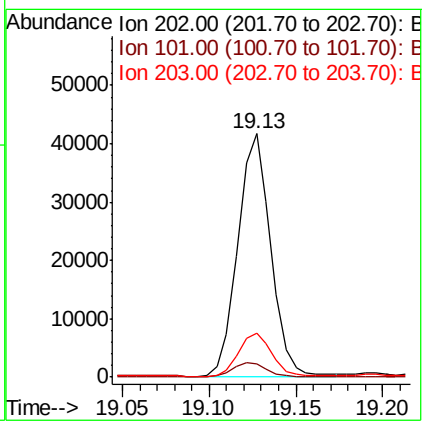


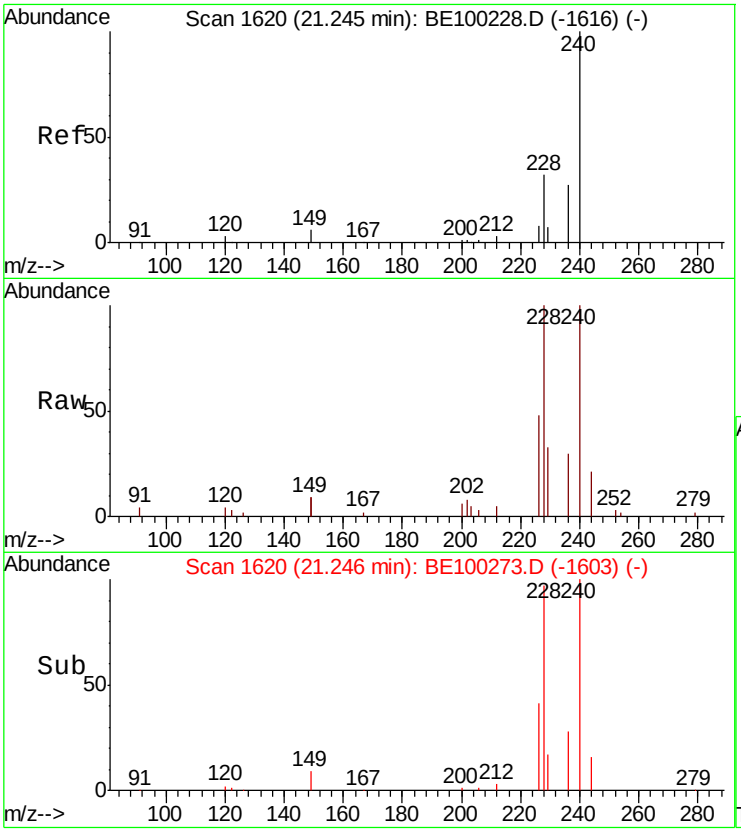


#26
Fluoranthene
Concen: 2.104 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:202 Resp: 54831

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.6	7.0
203	17.8	13.7	20.5



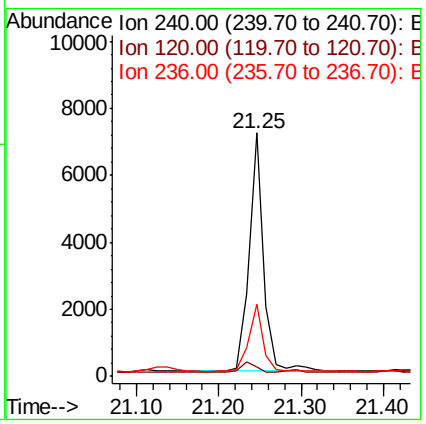


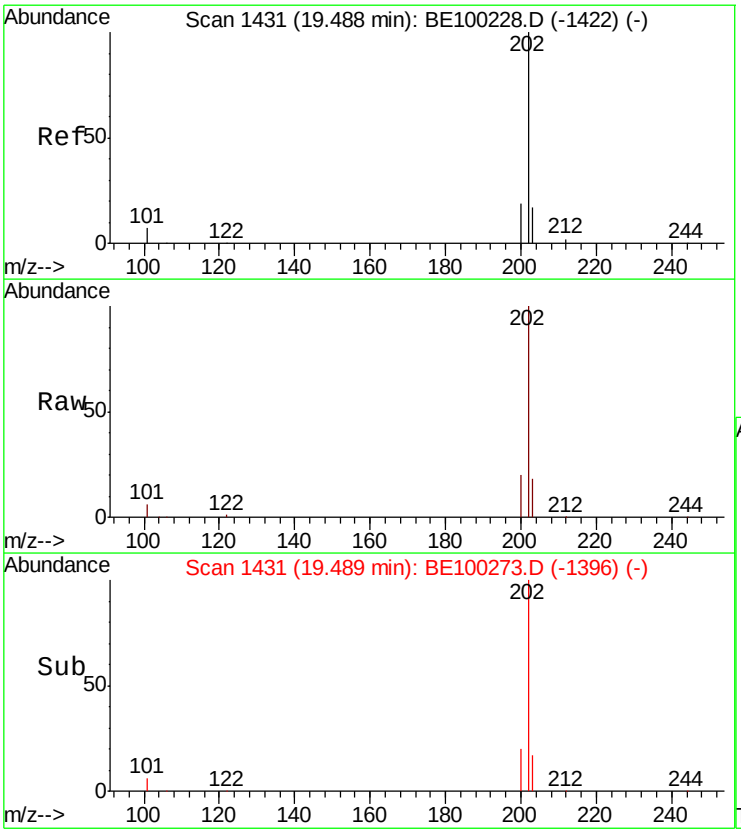
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:240 Resp: 8848

Ion	Ratio	Lower	Upper
240	100		
120	3.9	3.3	4.9
236	29.8	22.6	34.0

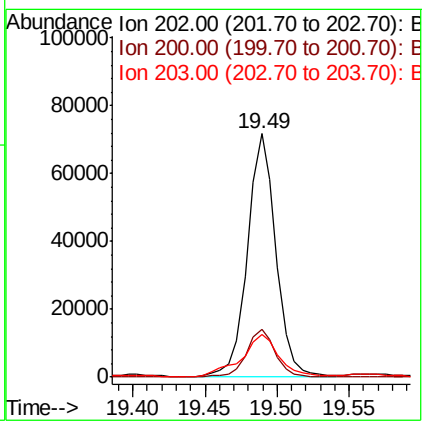


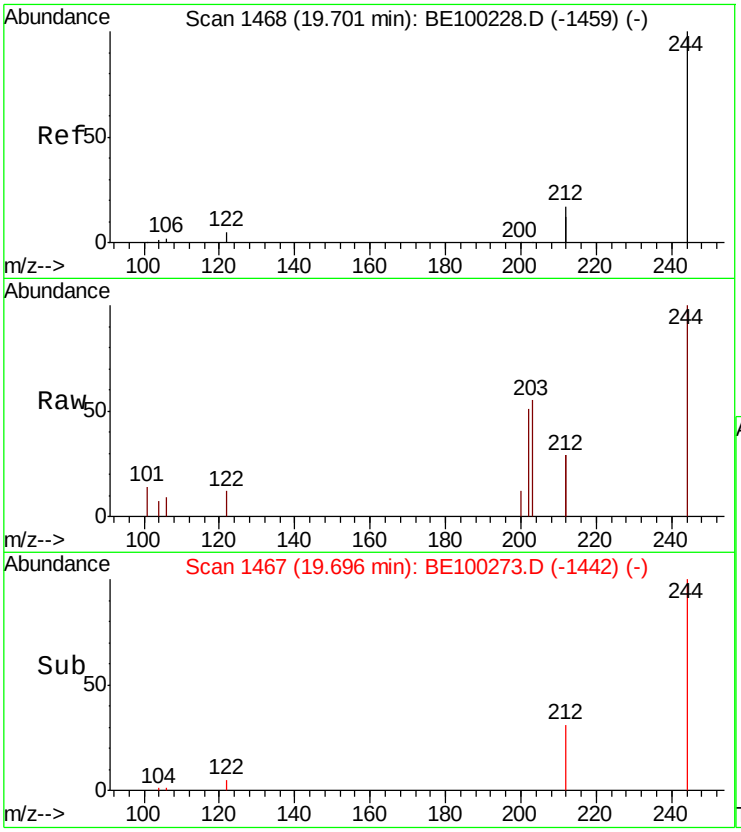


#28
Pyrene
Concen: 4.212 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:202 Resp: 98672

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	22.5	14.0	21.0#



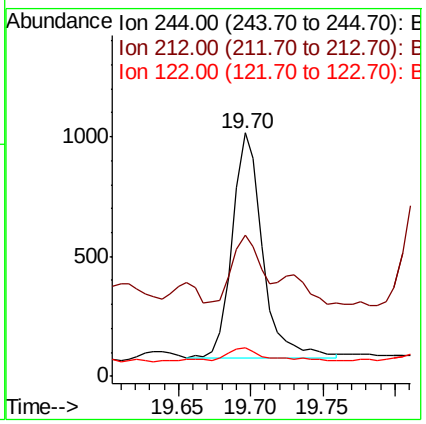


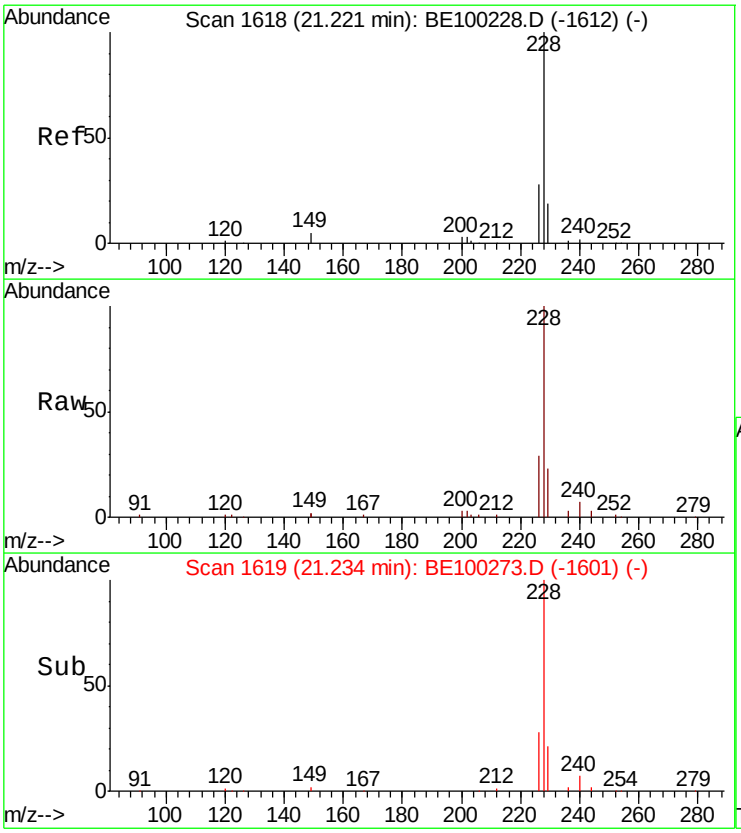
#29
Terphenyl-d14
Concen: 0.075 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:244 Resp: 1375

Ion	Ratio	Lower	Upper
244	100		
212	57.9	27.3	40.9#
122	11.6	4.7	7.1#

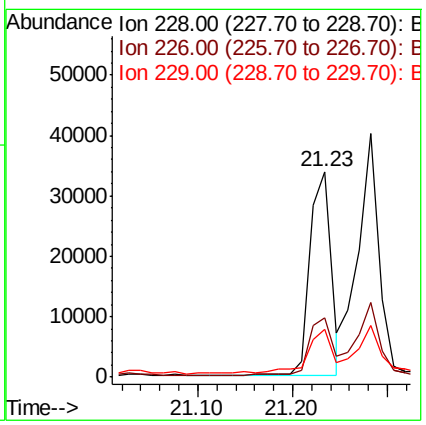


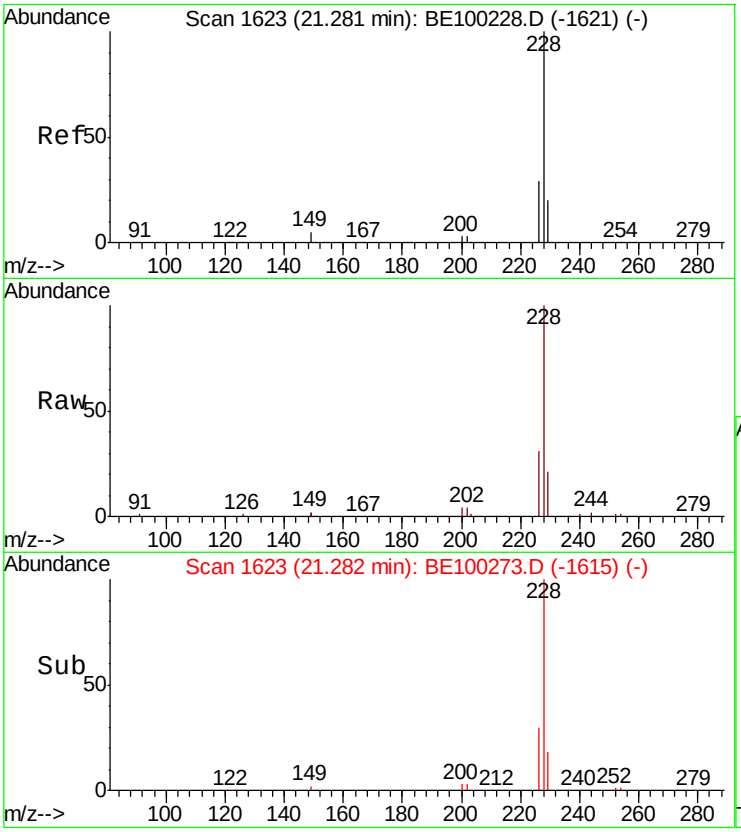


#30
Benzo(a)anthracene
Concen: 1.813 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:228 Resp: 52758

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	23.3	15.7	23.5



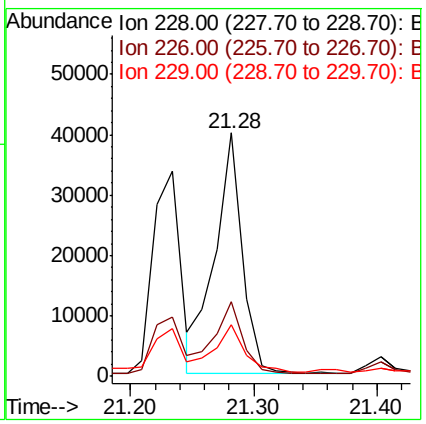


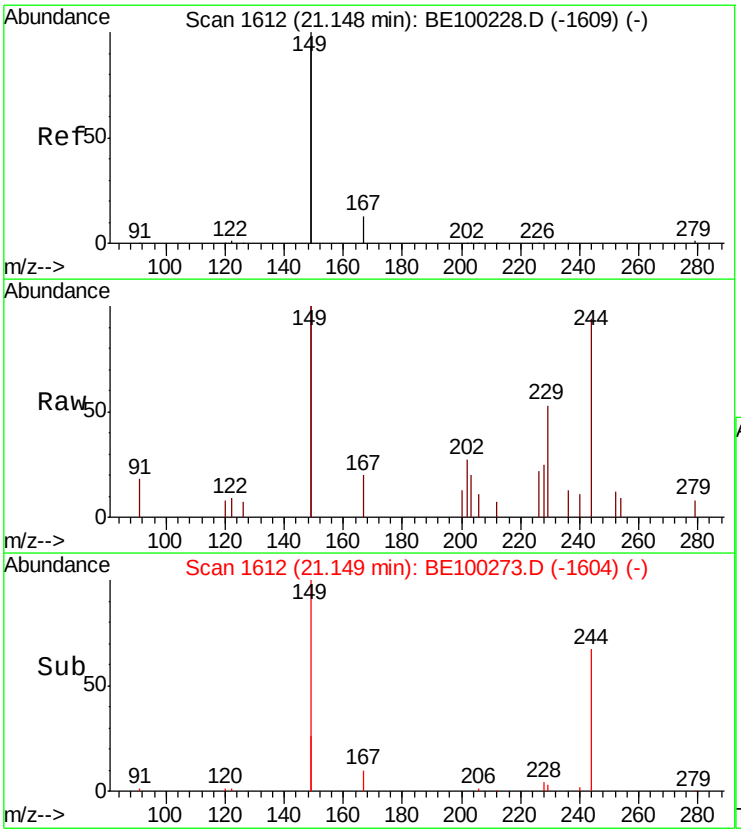
#31
Chrysene
Concen: 2.111 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:228 Resp: 61678

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.9	35.9
229	21.4	16.5	24.7

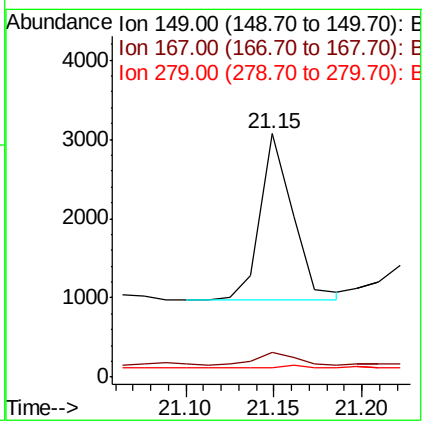


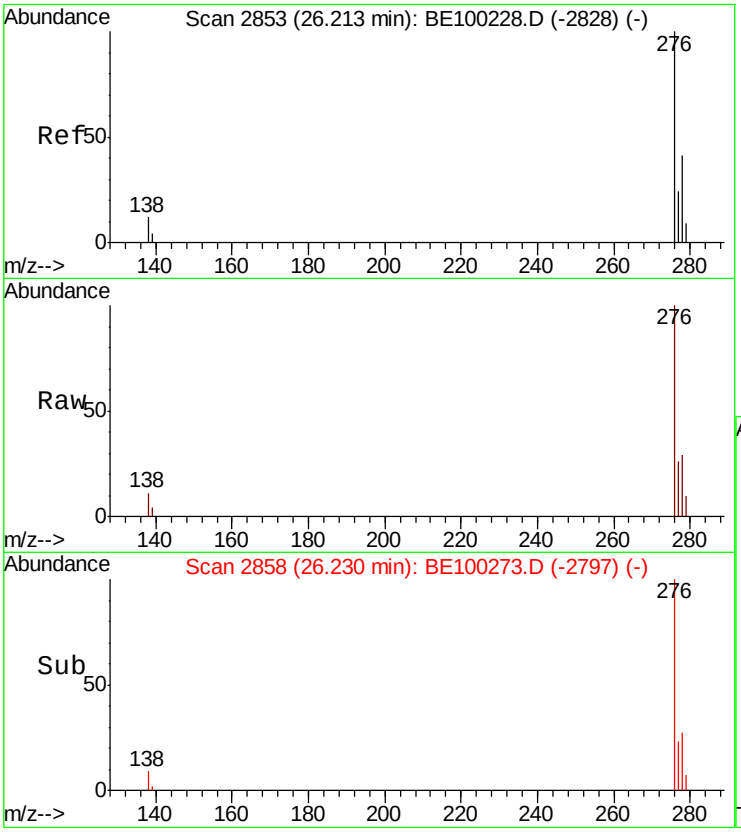


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.008 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:149 Resp: 2714

Ion	Ratio	Lower	Upper
149	100		
167	8.7	5.8	8.8
279	2.5	1.1	1.7#



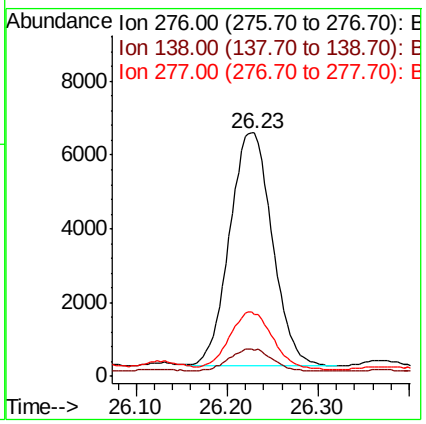


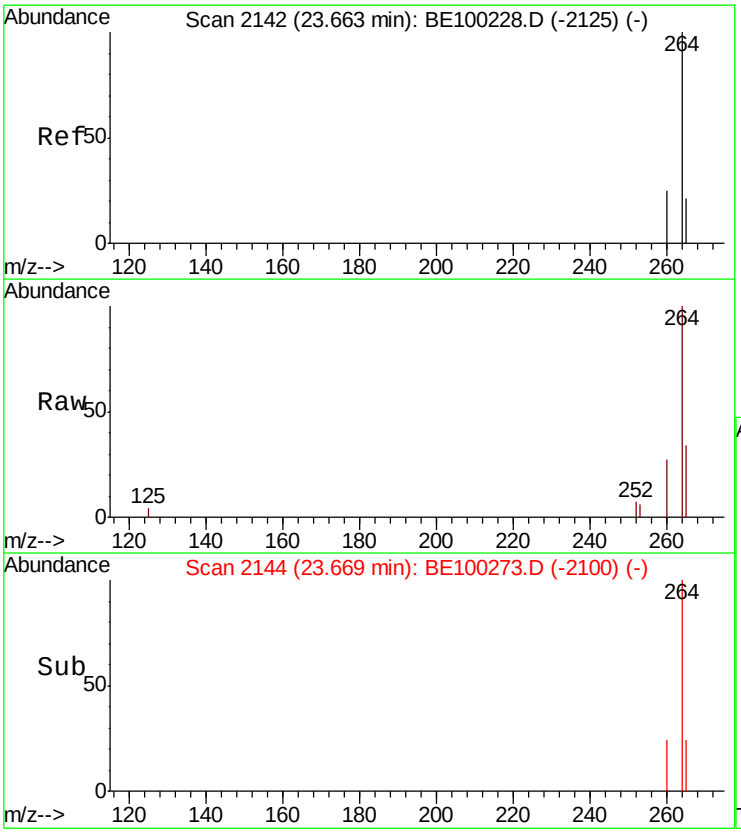
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.534 ng
RT: 26.23 min Scan# 2858
Delta R.T. 0.02 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:276 Resp: 20638

Ion	Ratio	Lower	Upper
276	100		
138	9.9	9.4	14.0
277	25.3	19.2	28.8

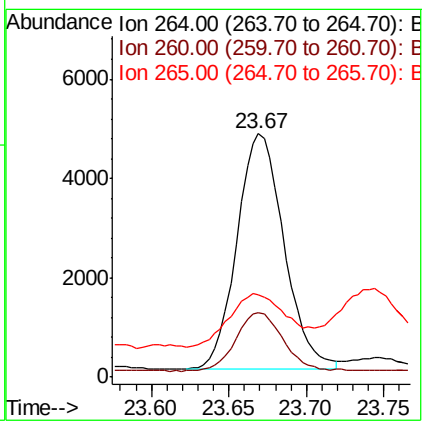


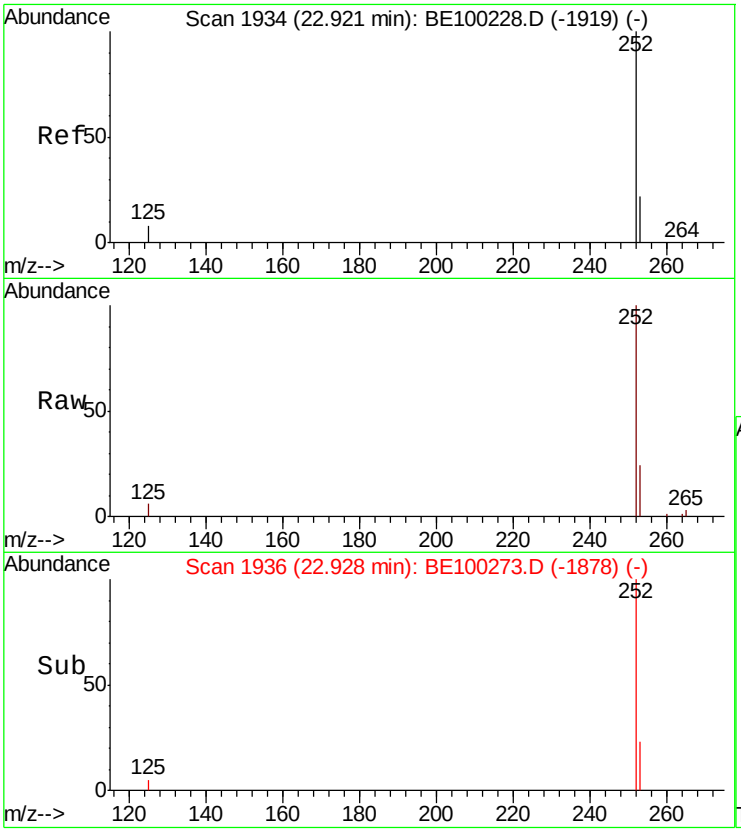


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:264 Resp: 9950

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.8	31.2
265	33.9	21.8	32.6#



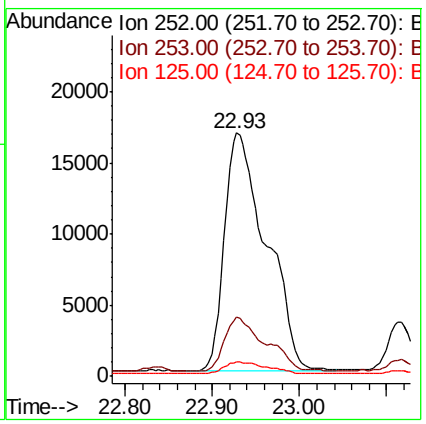


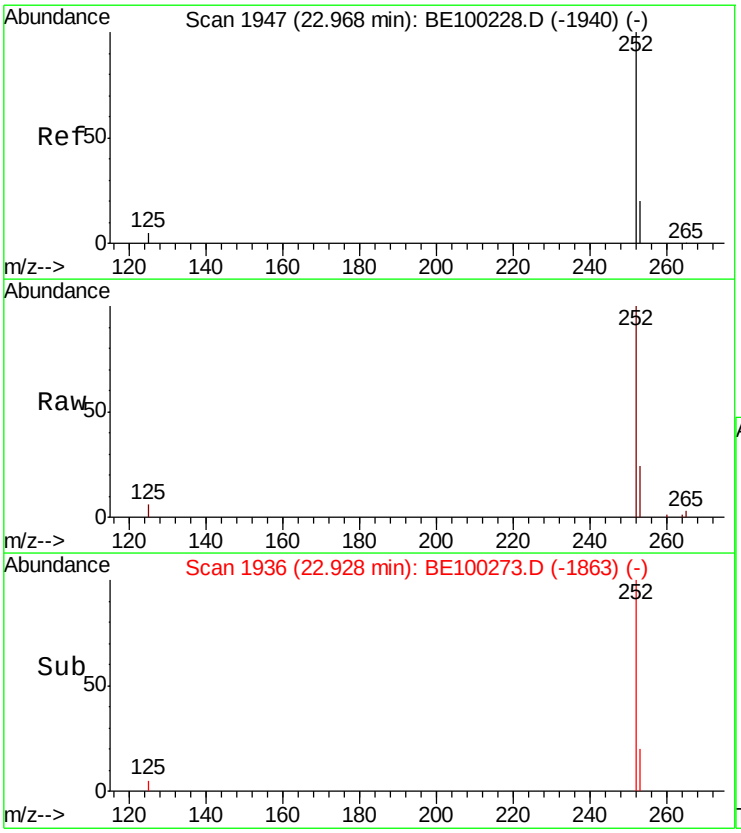
#35
Benzo(b)fluoranthene
Concen: 2.068 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:252 Resp: 55784

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.2	28.8
125	5.8	7.4	11.0#

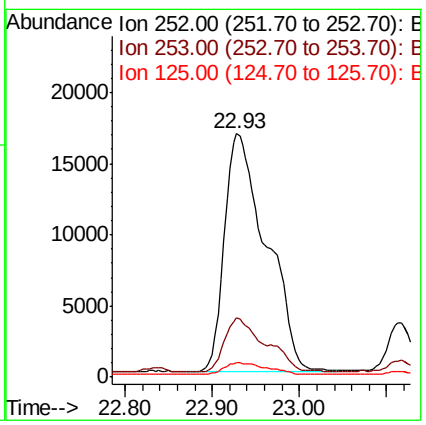


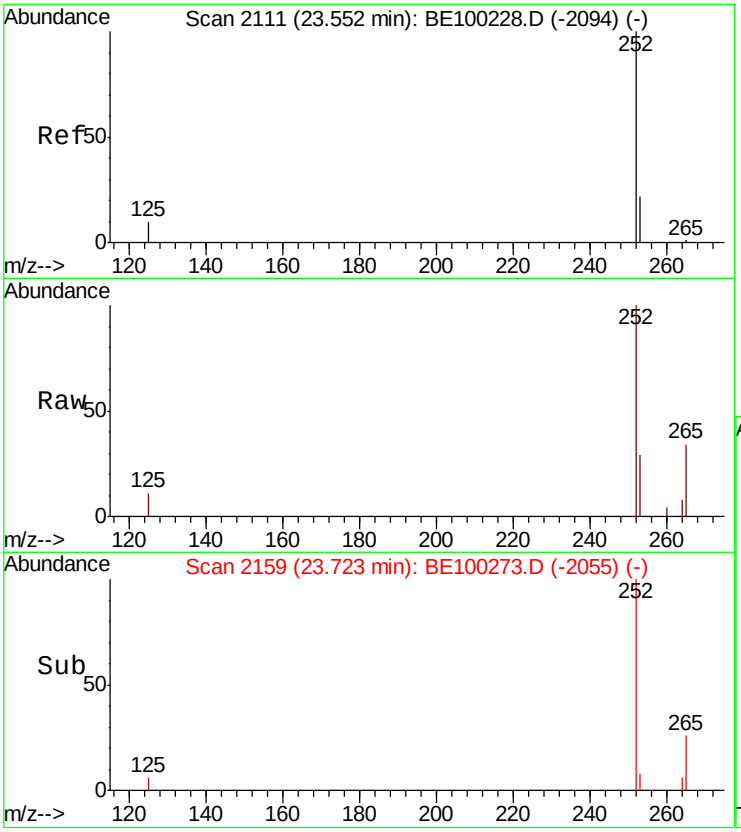


#36
Benzo(k)fluoranthene
Concen: 1.853 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:252 Resp: 55784

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	5.8	5.0	7.4



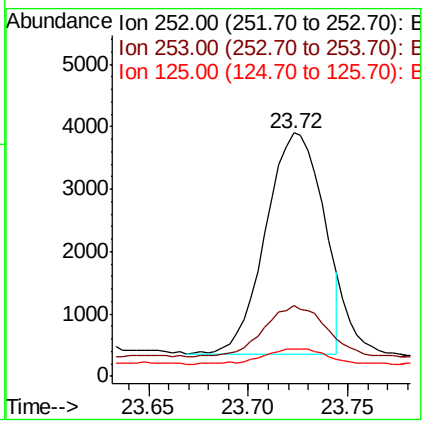


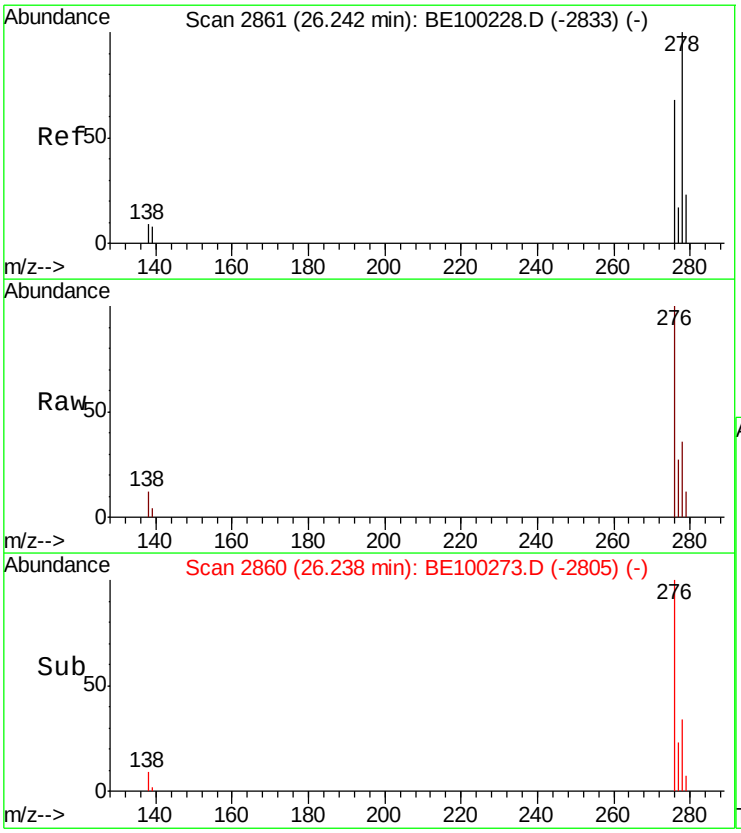
#37
Benzo(a)pyrene
Concen: 0.260 ng
RT: 23.72 min Scan# 2159
Delta R.T. 0.17 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:252 Resp: 7041

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.6	29.4
125	11.1	9.0	13.6

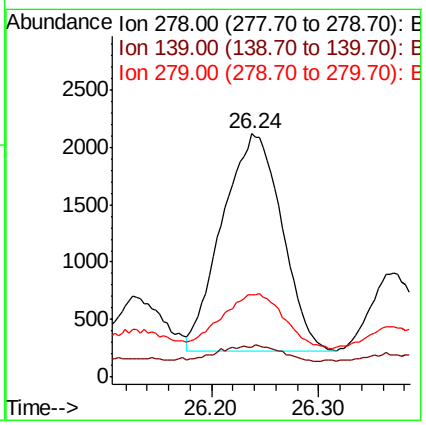


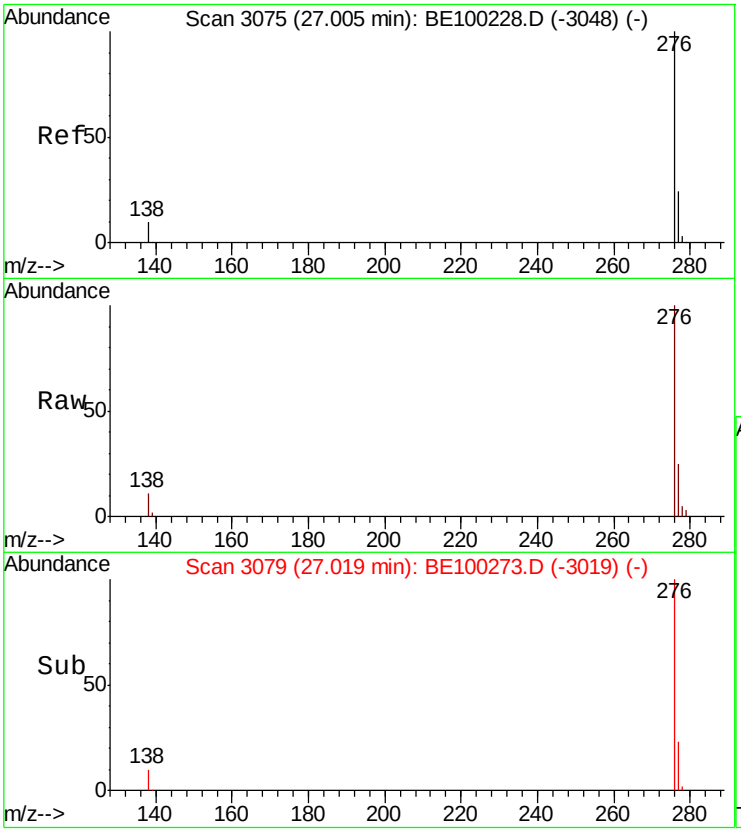


#38
Dibenzo(a,h)anthracene
Concen: 0.257 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Tgt Ion:278 Resp: 7268

Ion	Ratio	Lower	Upper
278	100		
139	12.2	8.2	12.2
279	33.7	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.881 ng
RT: 27.02 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BE100273.D
Acq: 1 Jul 2019 19:43

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319DL

Tgt Ion:276 Resp: 25568

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.2	30.2
138	11.1	9.0	13.6