Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100498.D
Acq On : 23 Jul 2019 13:03
Operator : HP/JU
Sample : PB121558BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB121558BS

Quant Time: Jul 24 02:06:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 08:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2932	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	11544	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	6143	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	13652	0.40	ng		0.00
27) Chrysene-d12	21.38	240	17157	0.40	ng		0.00
34) Perylene-d12	23.85	264	21603	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2814	0.39	ng		0.00
5) Phenol-d6	7.02	99	3858	0.38	ng		0.00
8) Nitrobenzene-d5	9.02	82	2840	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	8175	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	795	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	7606	0.30	ng		0.00
25) Fluoranthene-d10	19.24	212	52052	0.28	ng		0.00
29) Terphenyl-d14	19.83	244	9424	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	1471	0.279	ng	#	53
3) n-Nitrosodimethylamine	3.67	42	879	0.328	ng	#	66
6) bis(2-Chloroethyl)ether	7.29	93	3072	0.350	ng		93
9) Naphthalene	10.70	128	36221	0.327	ng		99
10) Hexachlorobutadiene	11.00	225	1704	0.322	ng		99
12) 2-Methylnaphthalene	12.32	142	6144	0.308	ng		99
16) Acenaphthylene	14.21	152	8959	0.315	ng		99
17) Acenaphthene	14.56	154	5414	0.317	ng		99
18) Fluorene	15.53	166	7029	0.308	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	2229	0.343	ng	#	73
21) Hexachlorobenzene	16.53	284	2255	0.337	ng		98
22) Pentachlorophenol	16.87	266	912	0.409	ng		91
23) Phenanthrene	17.26	178	11354	0.339	ng		99
24) Anthracene	17.35	178	10387	0.326	ng		99
26) Fluoranthene	19.27	202	14837	0.308	ng		100
28) Pyrene	19.63	202	15739	0.294	ng		100
30) Benzo(a)anthracene	21.35	228	15822	0.302	ng		98
31) Chrysene	21.42	228	16177	0.313	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	41854	0.348	ng		100
33) Indeno(1,2,3-cd)pyrene	26.47	276	22588	0.401	ng		98
35) Benzo(b)fluoranthene	23.09	252	18855	0.319	ng	#	96
36) Benzo(k)fluoranthene	23.14	252	20869	0.336	ng	#	93
37) Benzo(a)pyrene	23.74	252	18769	0.327	ng	#	95
38) Dibenzo(a,h)anthracene	26.50	278	18554	0.341	ng		95
39) Benzo(g,h,i)perylene	27.27	276	19740	0.355	ng		97

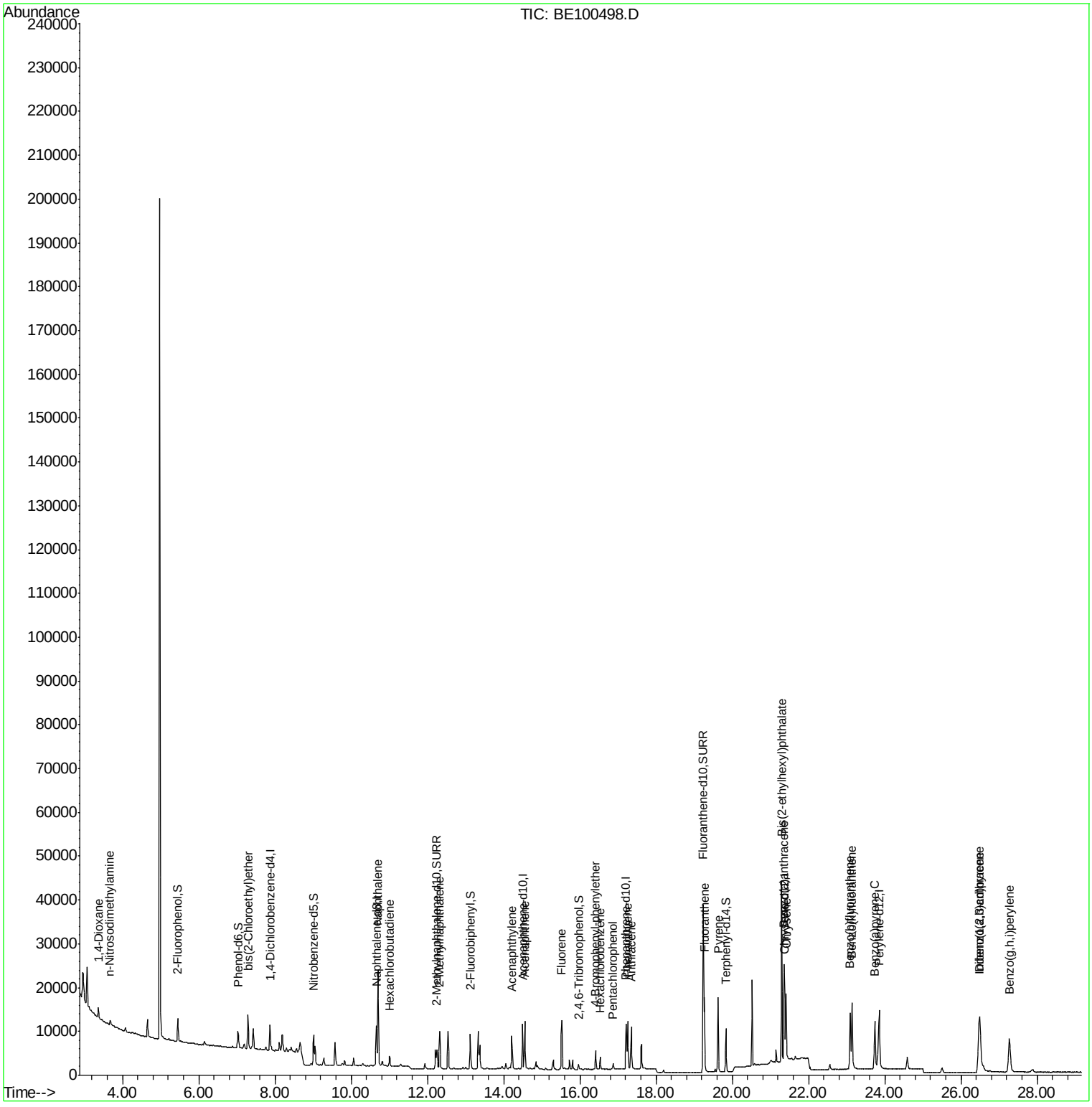
(#) = qualifier out of range (m) = manual integration (+) = signals summed

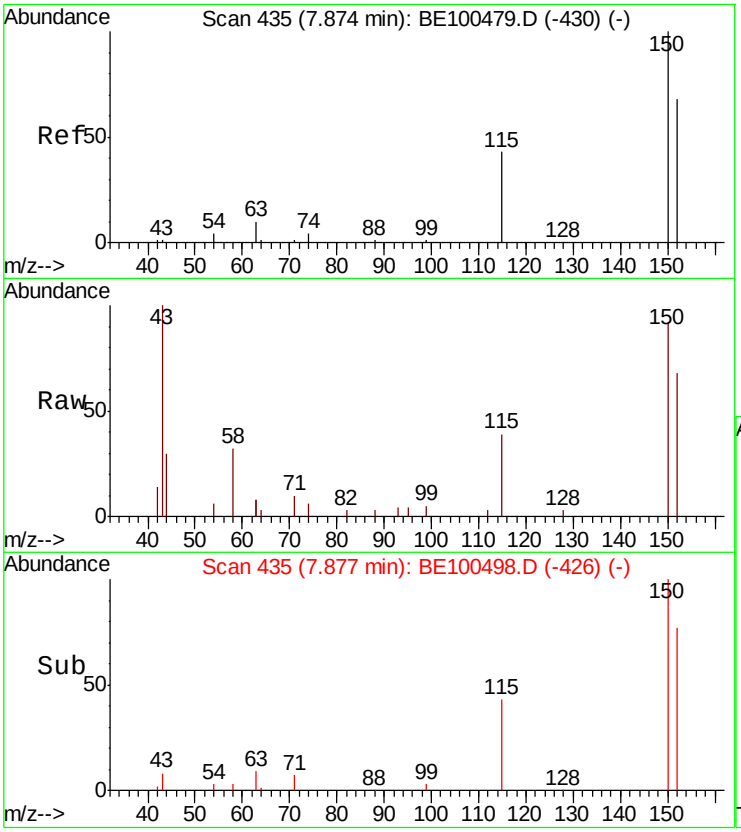
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100498.D
Acq On : 23 Jul 2019 13:03
Operator : HP/JU
Sample : PB121558BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Quant Time: Jul 24 02:06:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 08:06:59 2019
Response via : Initial Calibration



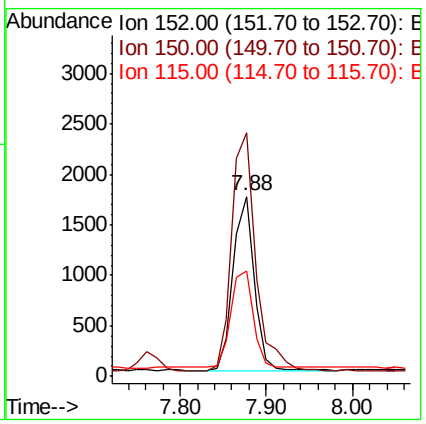


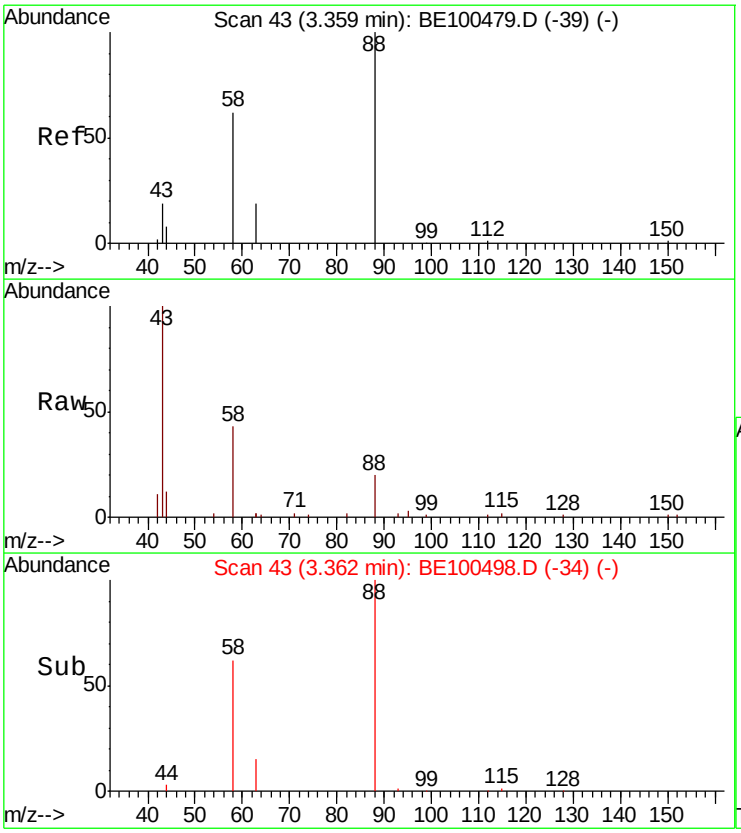
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:152 Resp: 2932

Ion	Ratio	Lower	Upper
152	100		
150	135.2	115.0	172.6
115	58.3	52.9	79.3

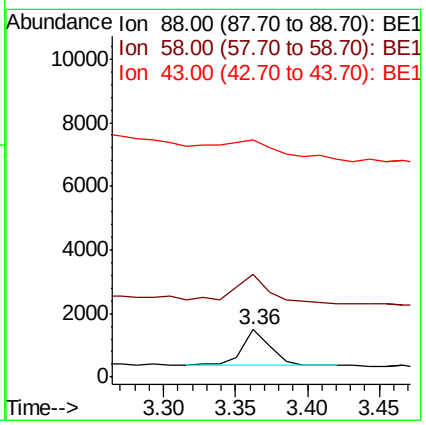


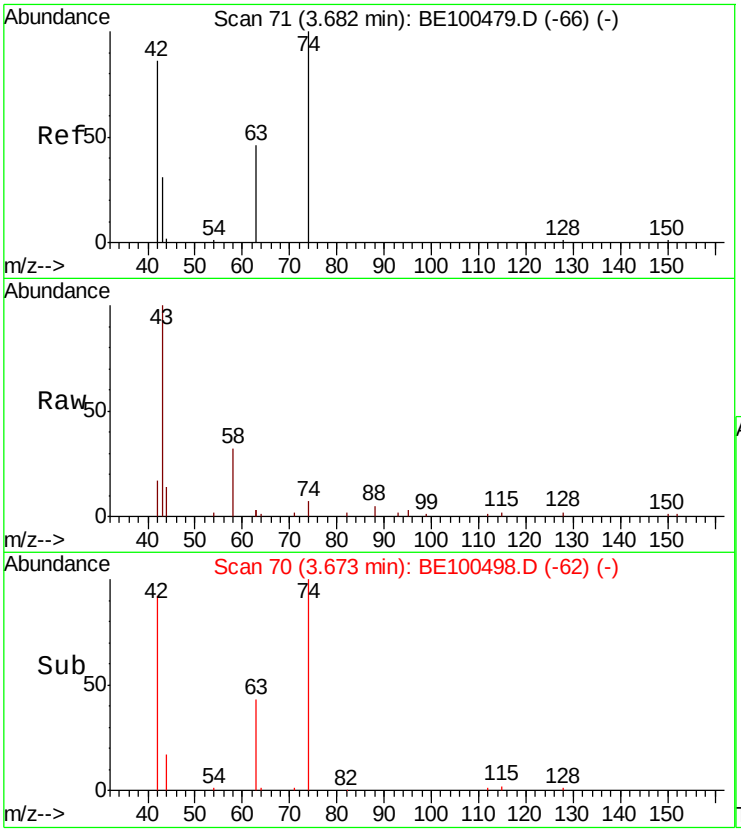


#2
1,4-Dioxane
Concen: 0.279 ng
RT: 3.36 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion: 88 Resp: 1471

Ion	Ratio	Lower	Upper
88	100		
58	103.3	53.2	79.8#
43	0.0	20.8	31.2#



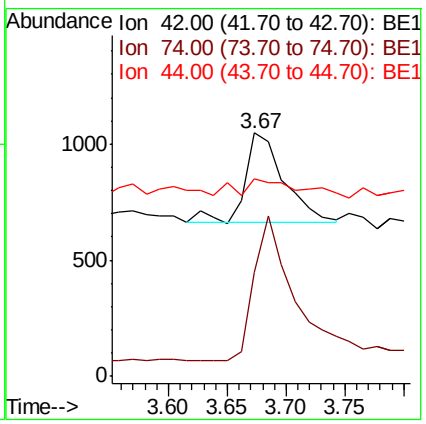


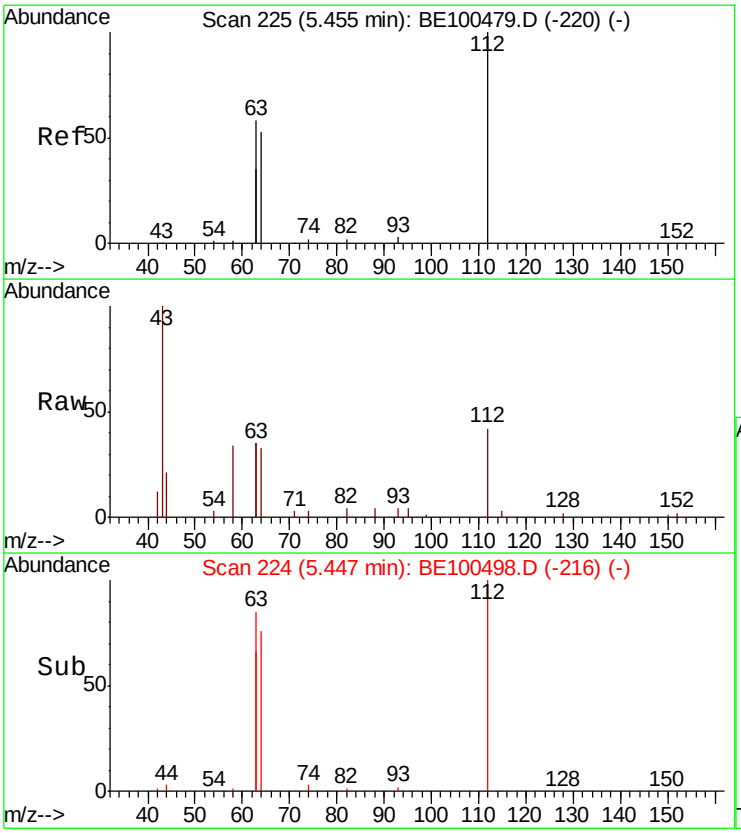
#3
n-Nitrosodimethylamine
Concen: 0.328 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion: 42 Resp: 879

Ion	Ratio	Lower	Upper
42	100		
74	167.6	0.0	0.0#
44	25.1	9.6	14.4#

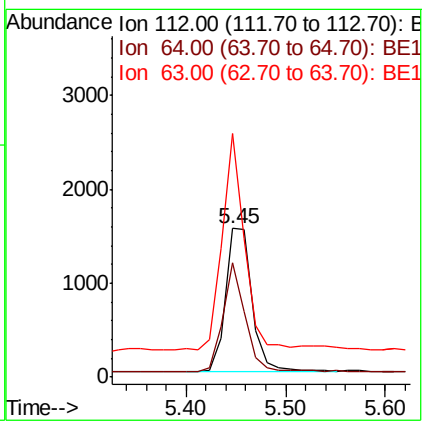


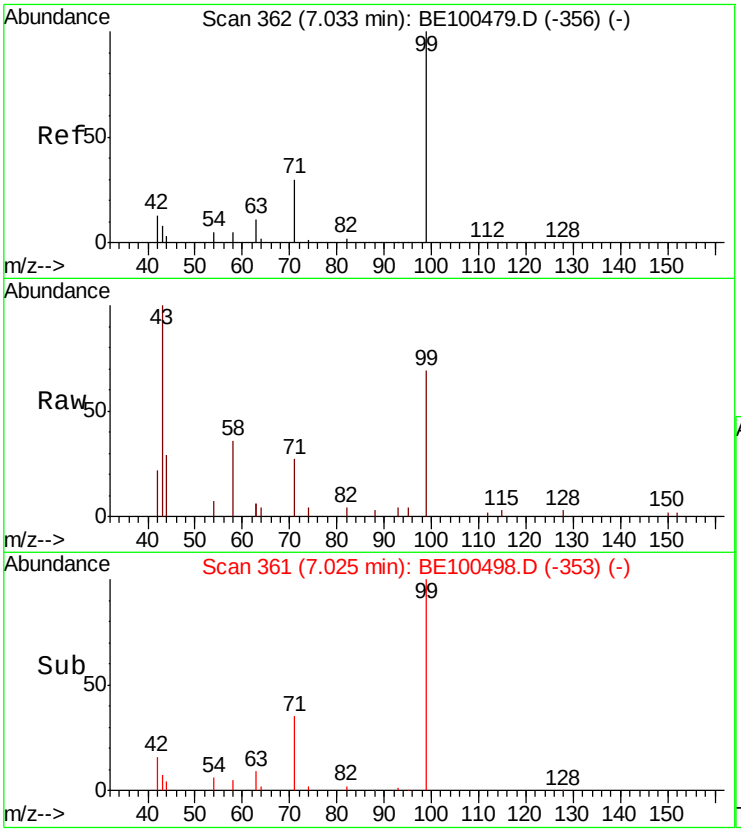


#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.45 min Scan# 224
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:112 Resp: 2814

Ion	Ratio	Lower	Upper
112	100		
64	65.9	54.1	81.1
63	123.7	104.6	157.0



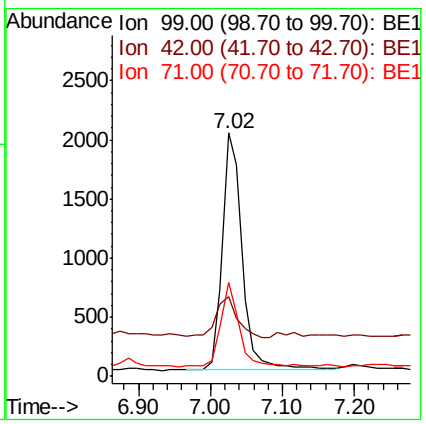


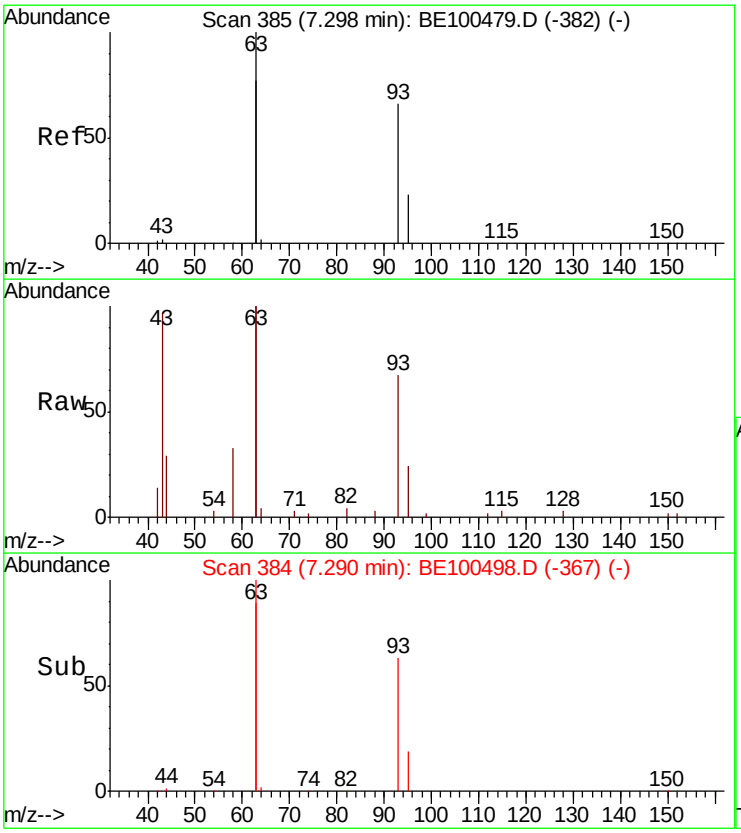
#5
Phenol-d6
Concen: 0.378 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion: 99 Resp: 3858

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	34.9	26.4	39.6

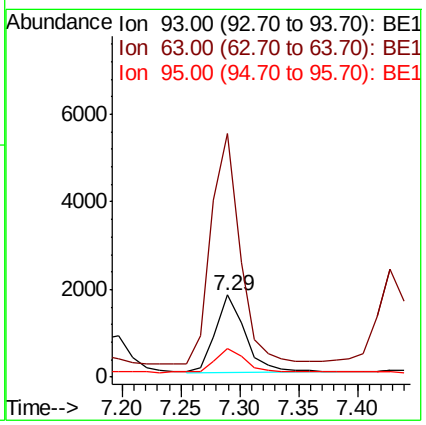


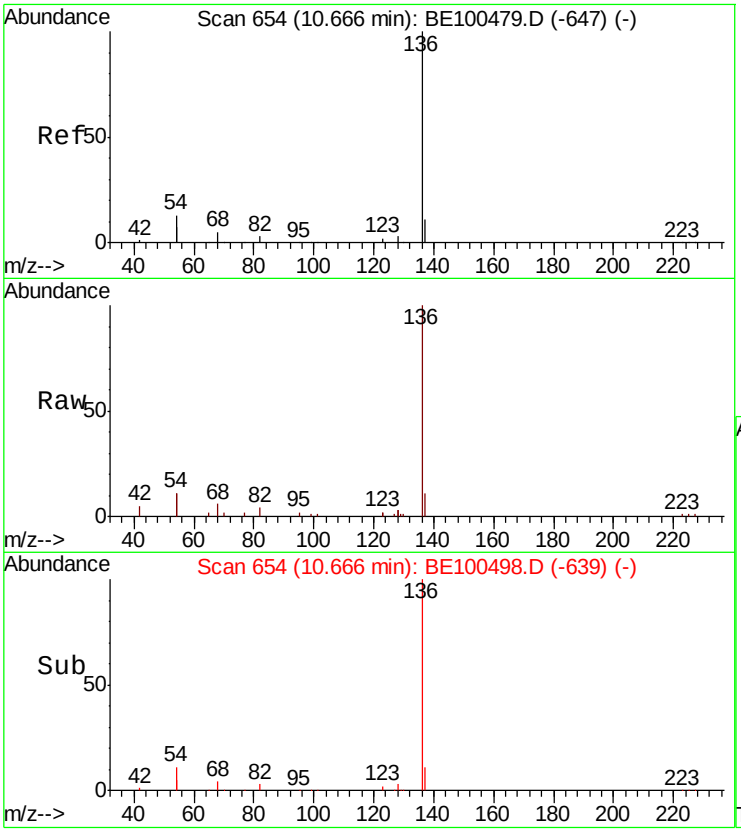


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion: 93 Resp: 3072

Ion	Ratio	Lower	Upper
93	100		
63	294.4	248.3	372.5
95	32.2	25.4	38.0



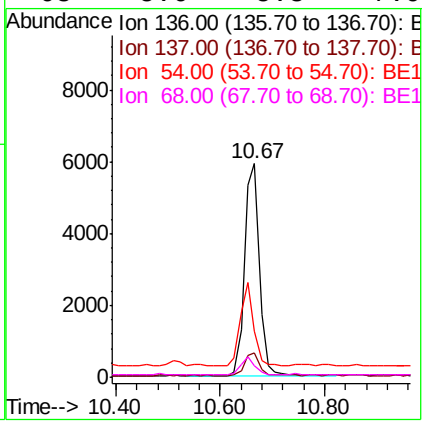


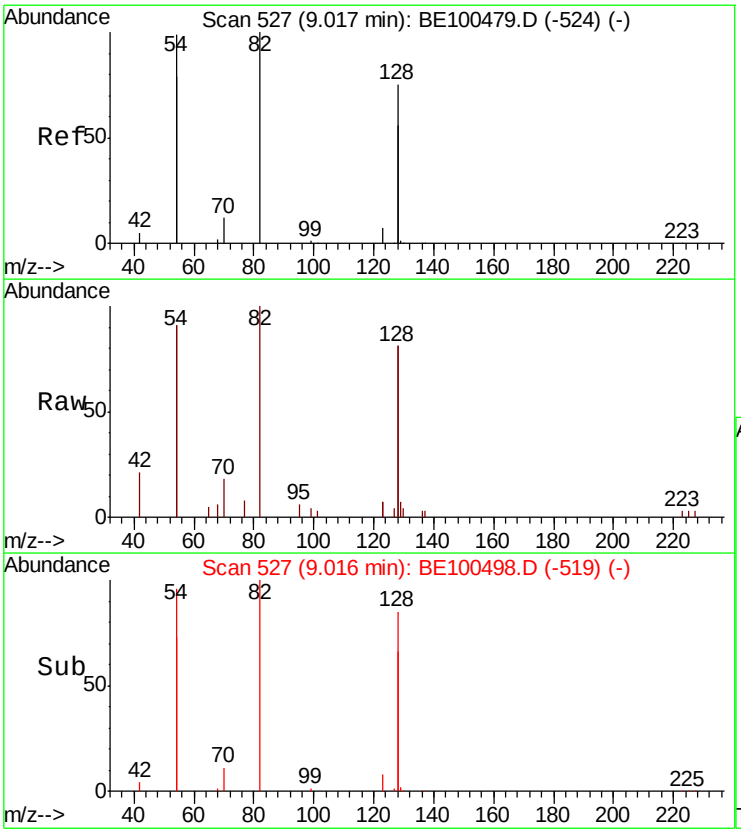
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:136 Resp: 11544

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	21.7	20.6	31.0
68	5.6	5.3	7.9

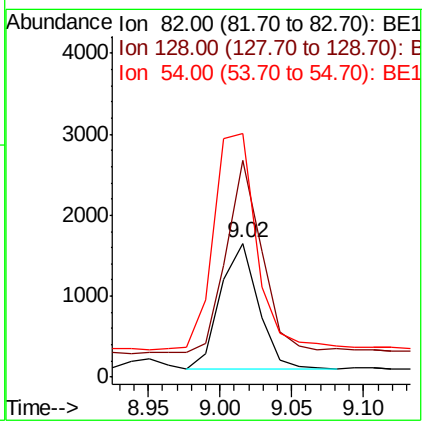


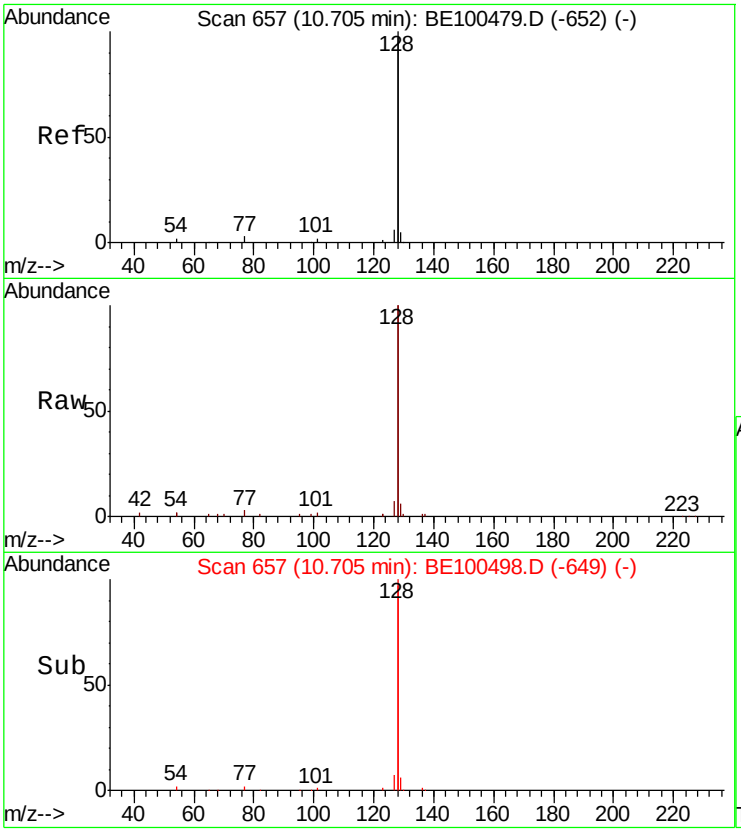


#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion: 82 Resp: 2840

Ion	Ratio	Lower	Upper
82	100		
128	161.5	113.6	170.4
54	181.8	150.6	226.0



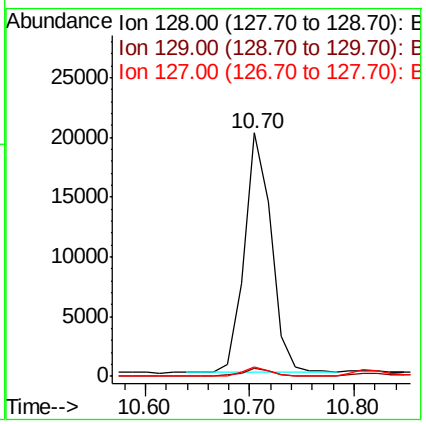


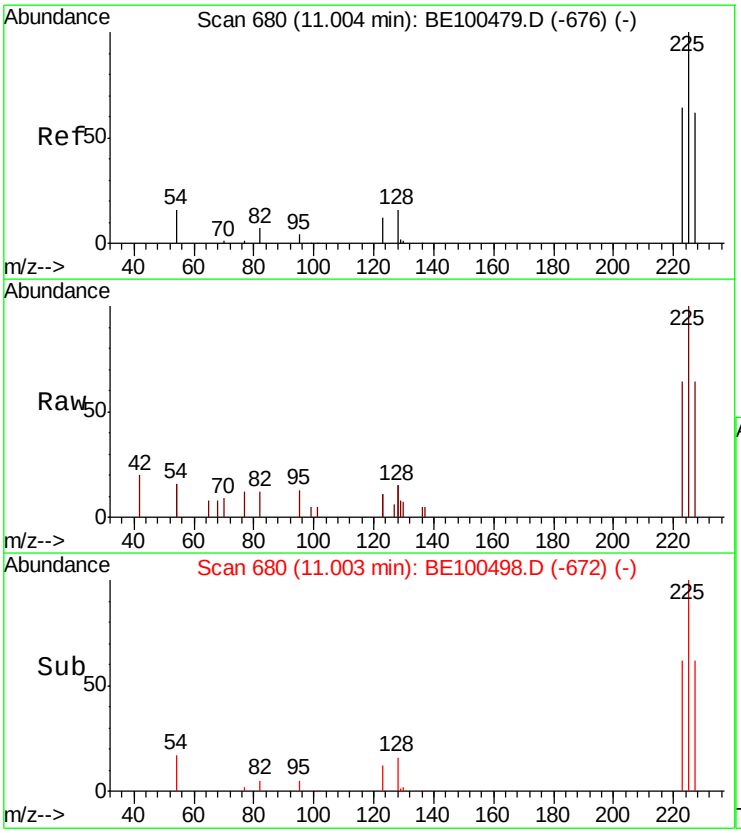
#9
Naphthalene
Concen: 0.327 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:128 Resp: 36221

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.3	3.5
127	3.6	2.7	4.1

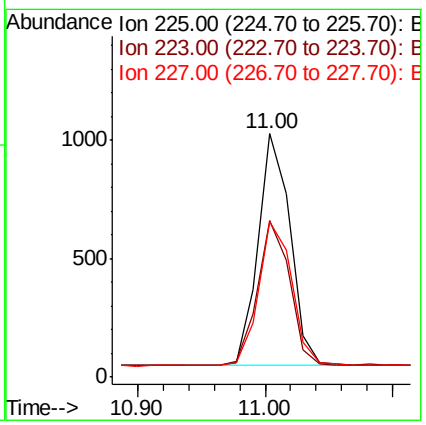


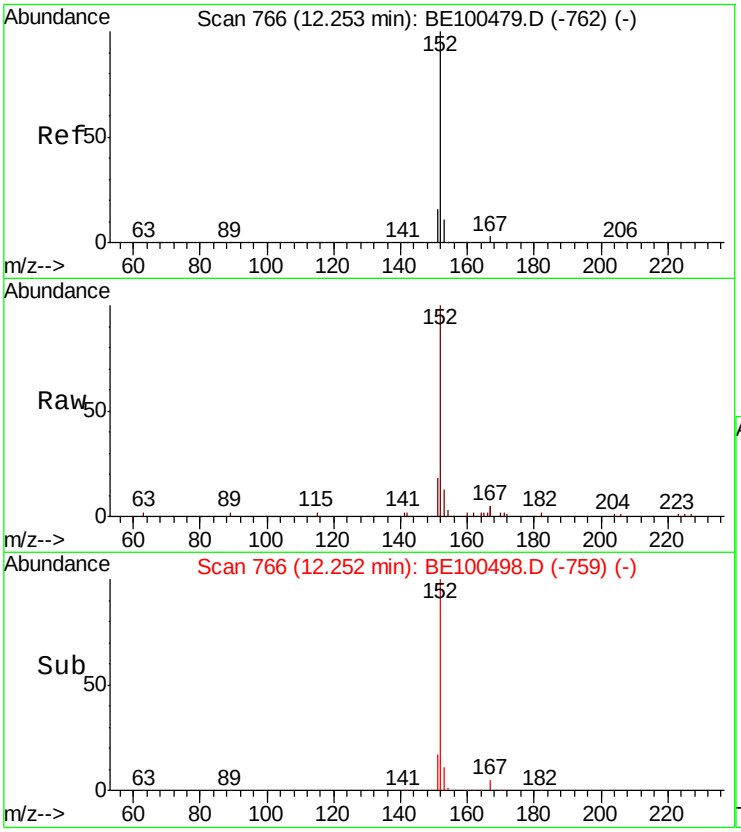


#10
Hexachlorobutadiene
Concen: 0.322 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:225 Resp: 1704

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.0
227	64.3	51.4	77.2



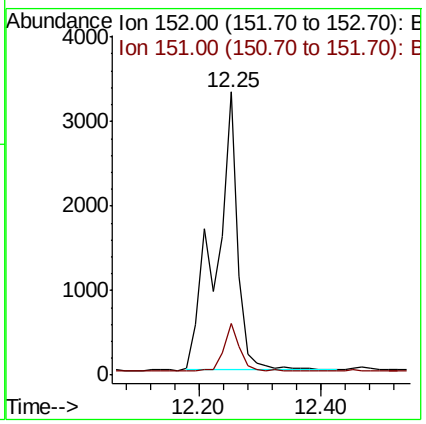


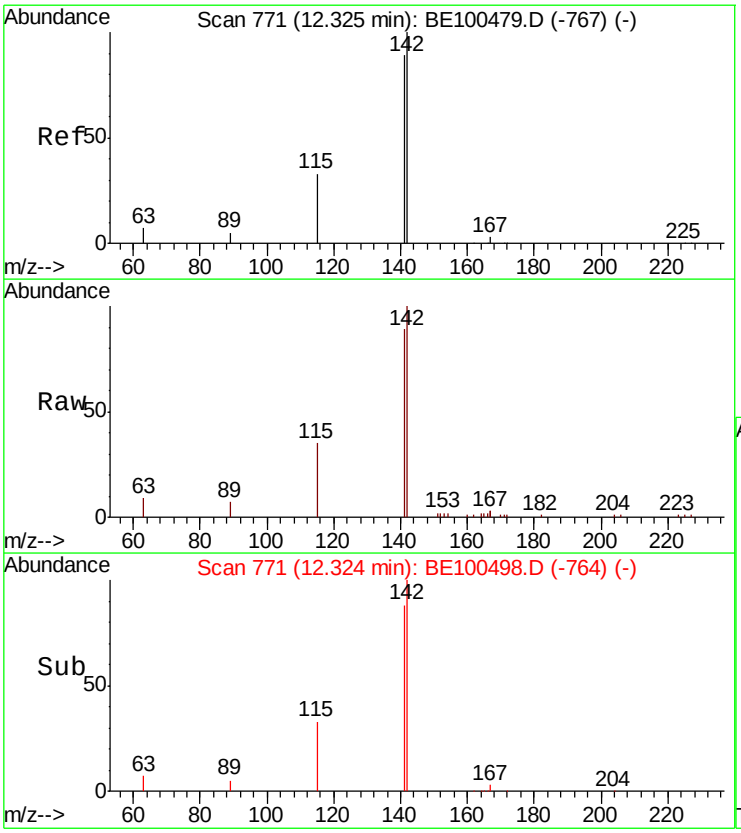
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:152 Resp: 8175

Ion	Ratio	Lower	Upper
152	100		
151	12.4	15.1	22.7#

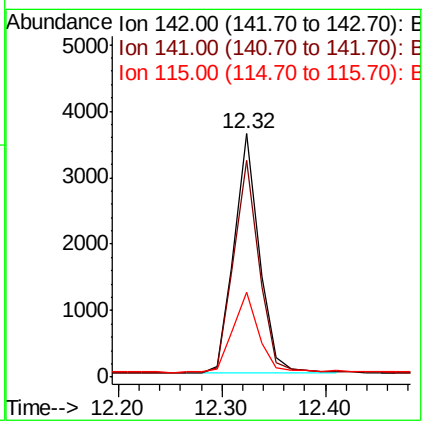


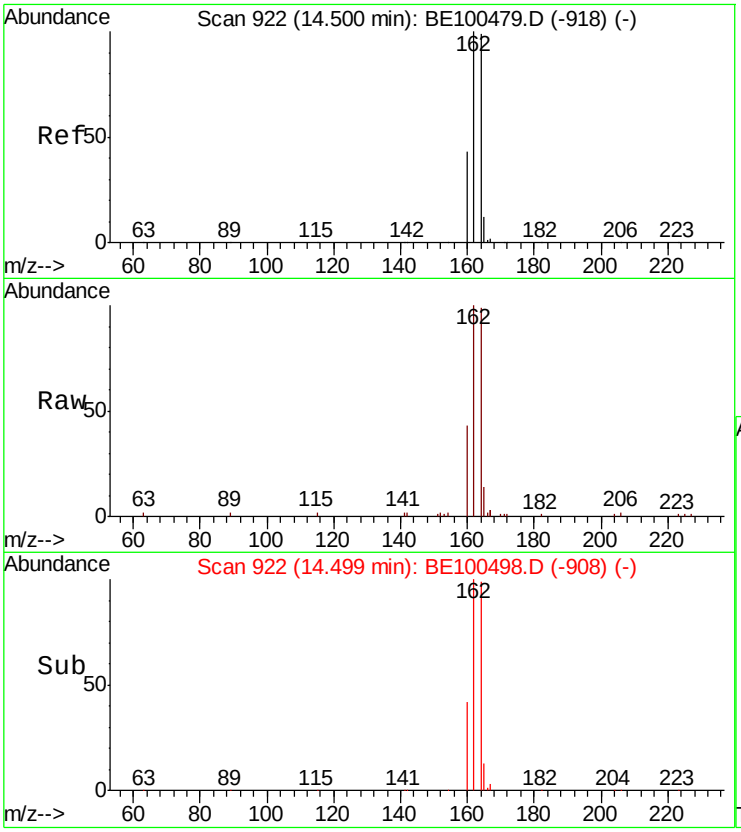


#12
2-Methylnaphthalene
Concen: 0.308 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:142 Resp: 6144

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.7	107.5
115	34.7	27.8	41.6



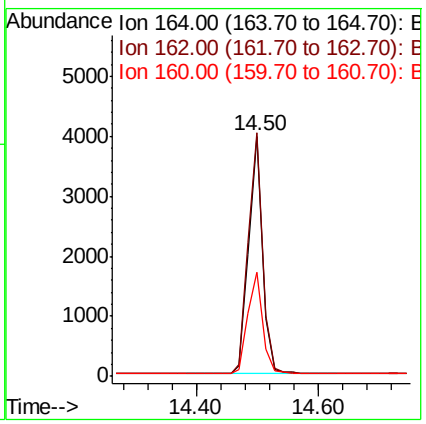


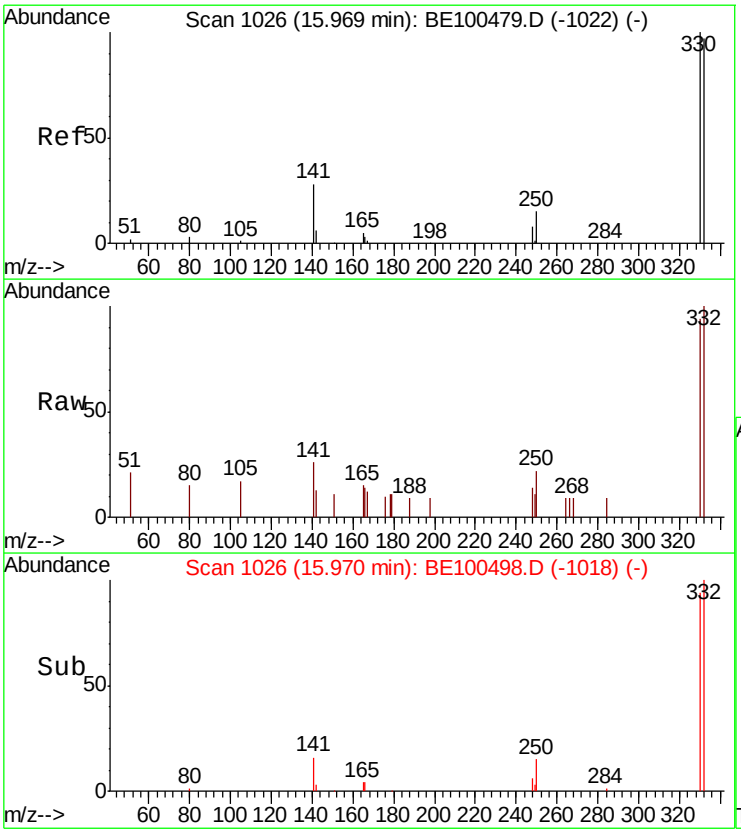
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:164 Resp: 6143

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.8	121.2
160	43.5	34.9	52.3

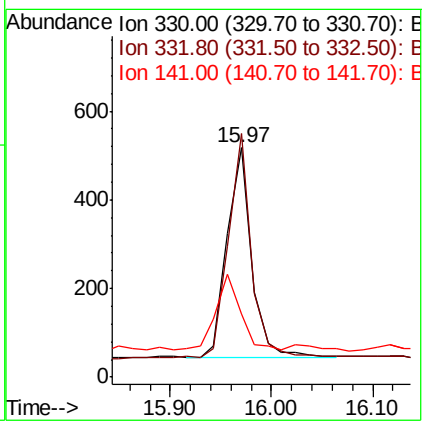


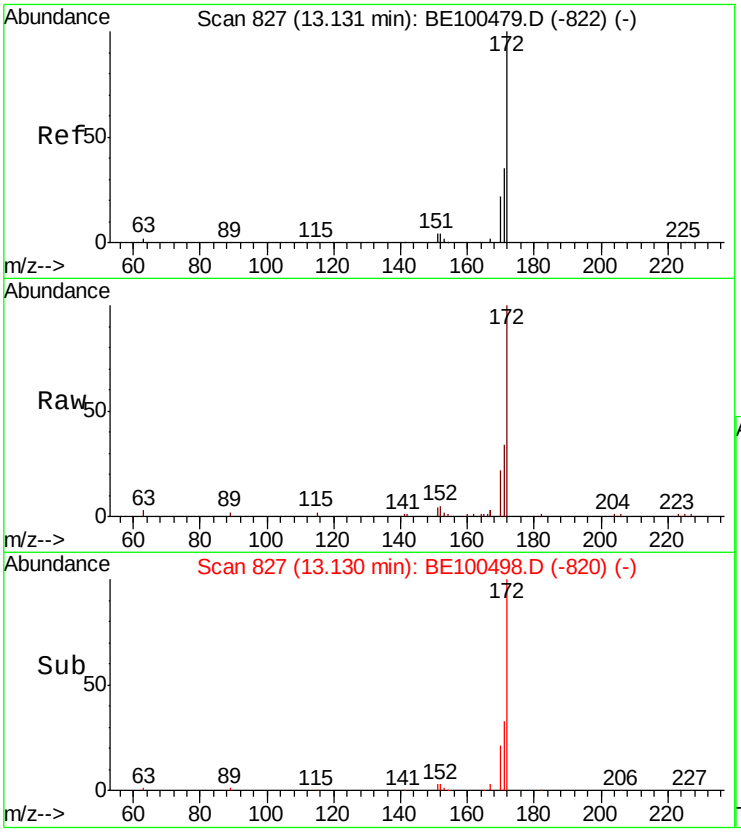


#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:330 Resp: 795

Ion	Ratio	Lower	Upper
330	100		
332	99.6	80.5	120.7
141	35.7	29.9	44.9



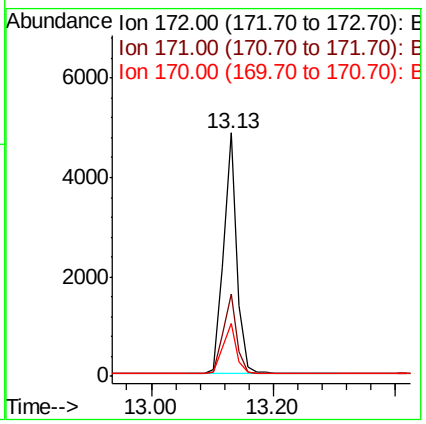


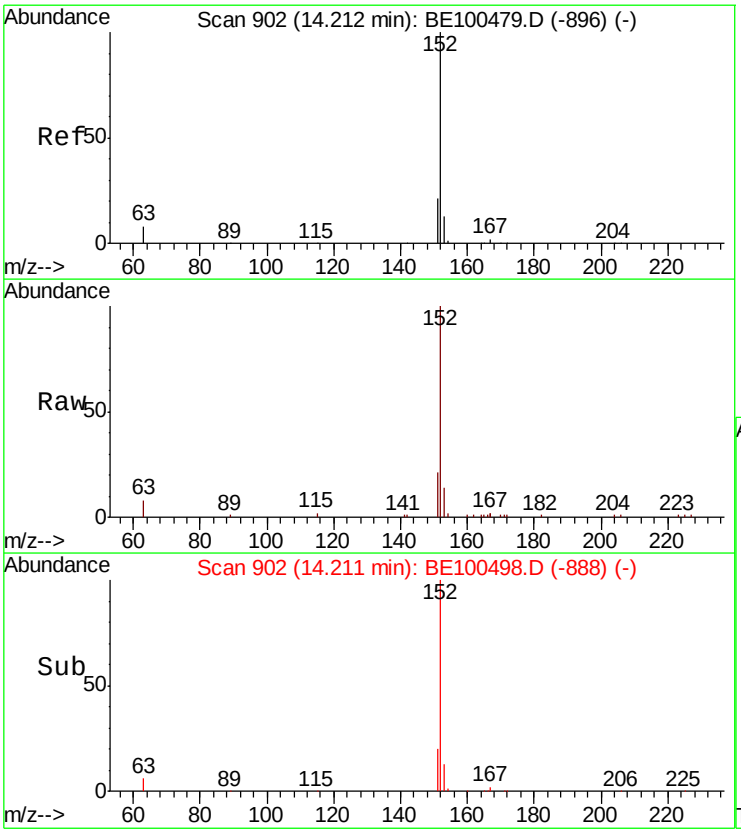
#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:172 Resp: 7606

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.2	42.2
170	21.6	17.8	26.8

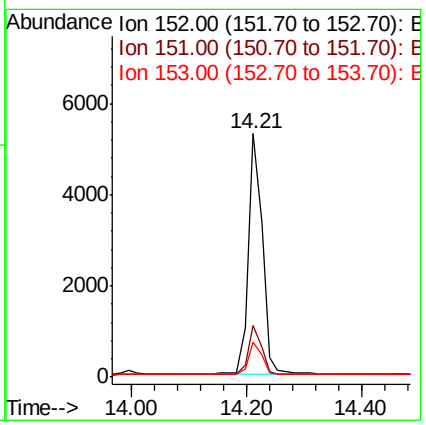


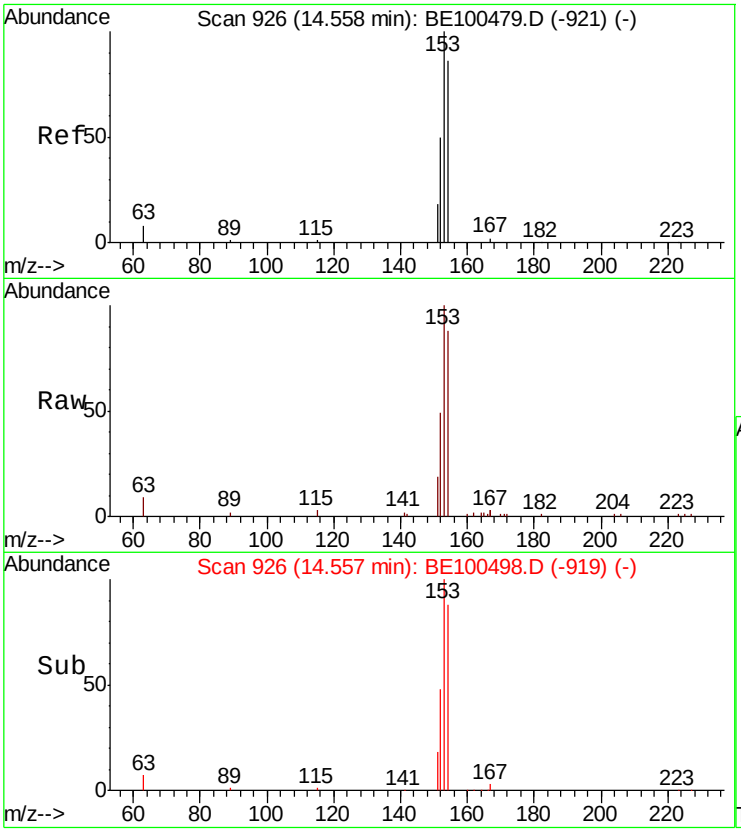


#16
Acenaphthylene
Concen: 0.315 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:152 Resp: 8959

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.2	10.6	16.0



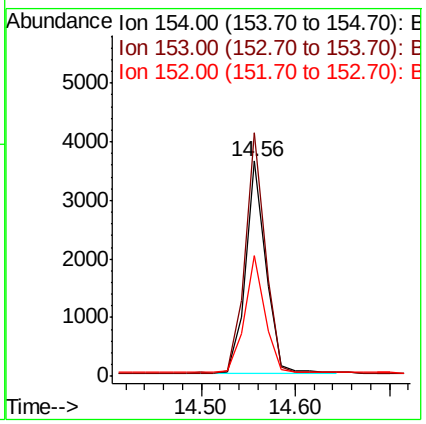


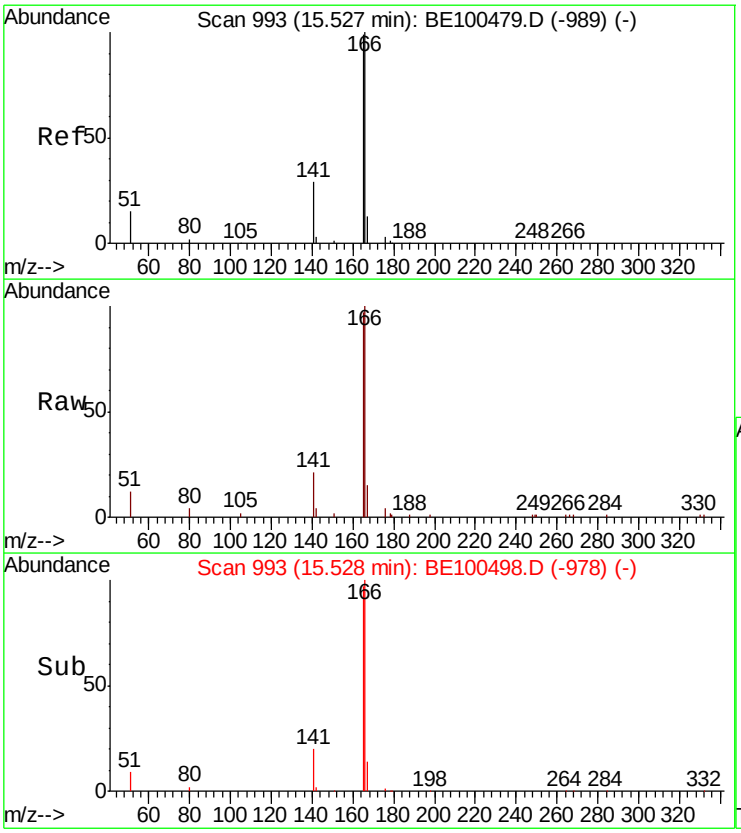
#17
Acenaphthene
Concen: 0.317 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:154 Resp: 5414

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.8	136.2
152	54.6	45.1	67.7

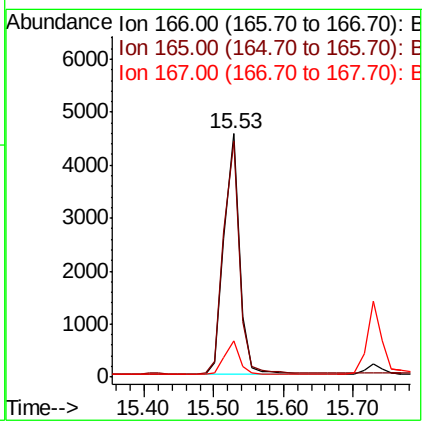


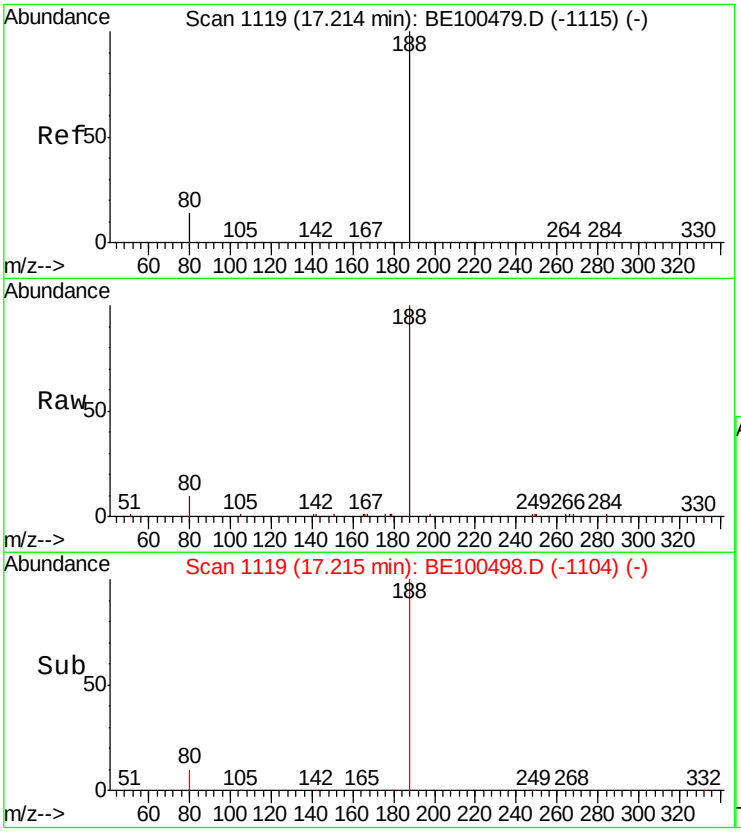


#18
Fluorene
Concen: 0.308 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:166 Resp: 7029

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.3	117.5
167	13.5	10.9	16.3



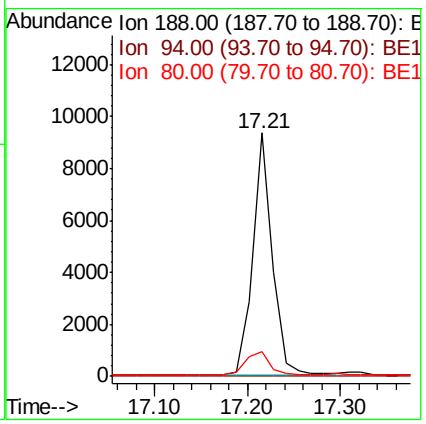


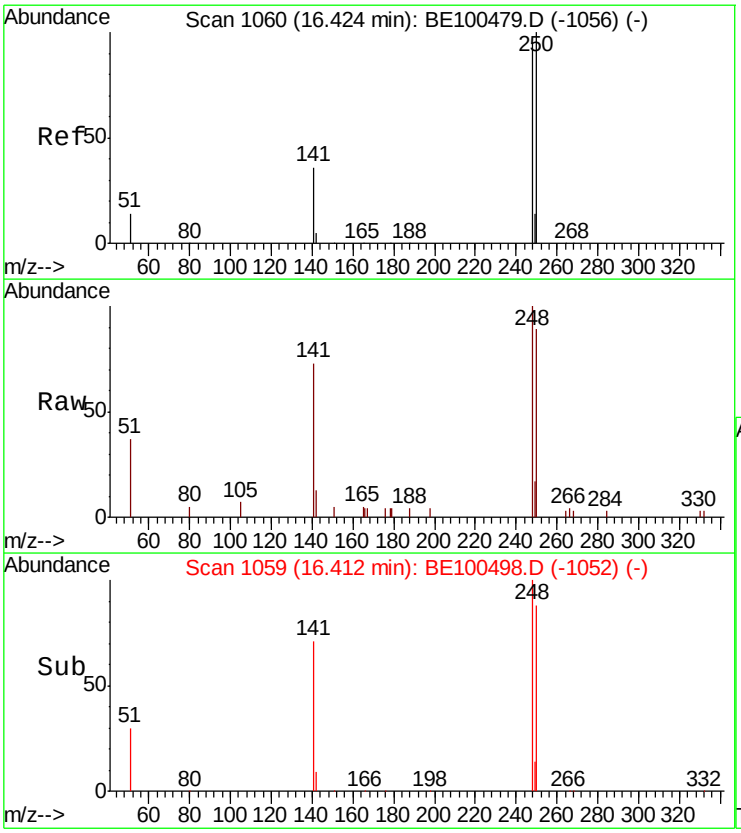
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:188 Resp: 13652

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	11.9	17.9#

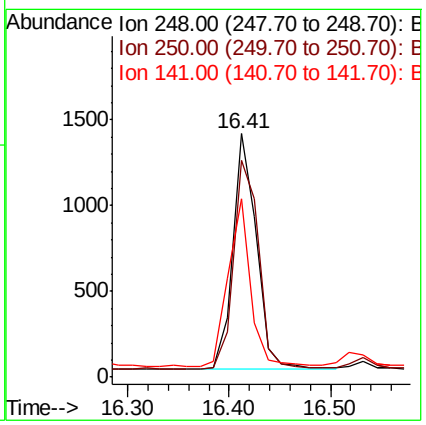


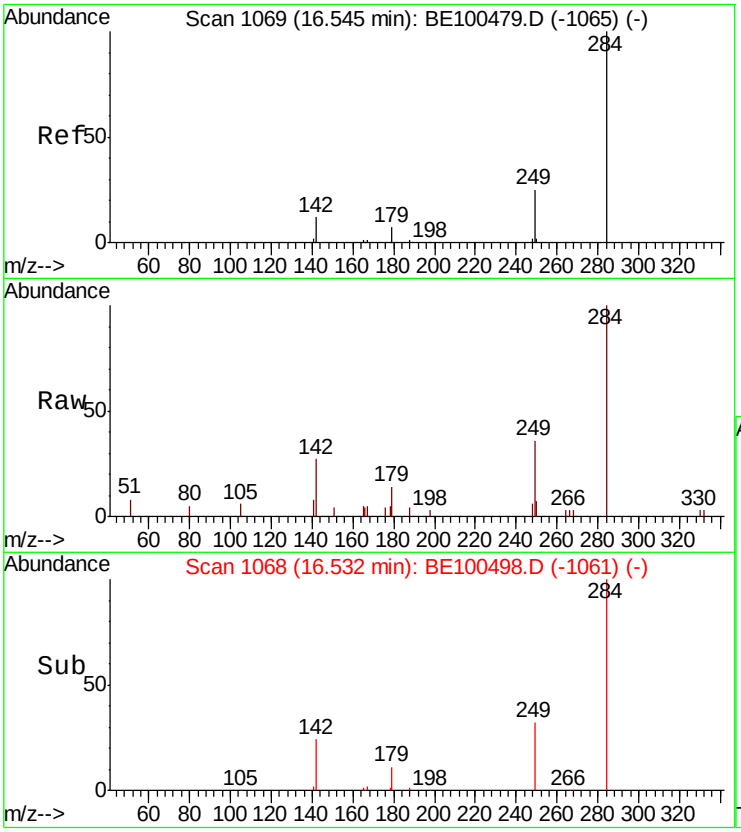


#20
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:248 Resp: 2229

Ion	Ratio	Lower	Upper
248	100		
250	88.7	84.4	126.6
141	73.3	32.2	48.2#



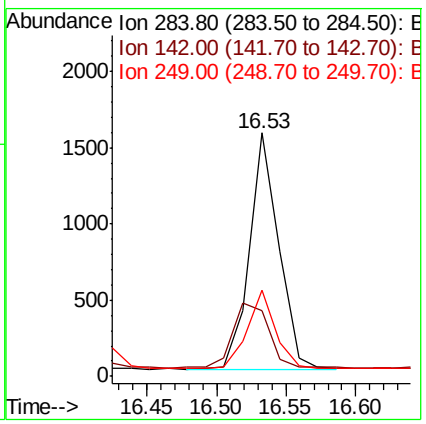


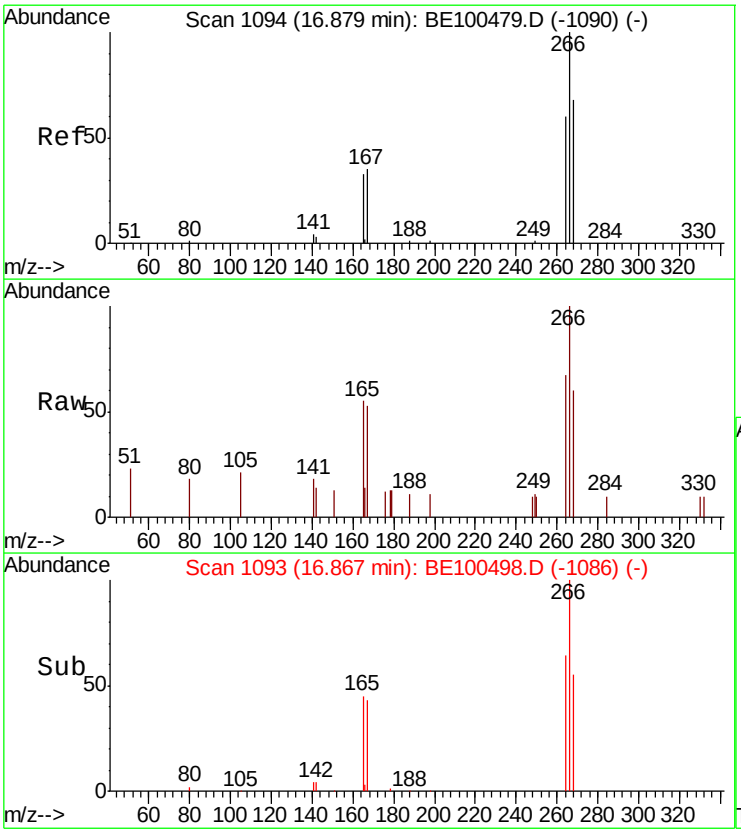
#21
Hexachlorobenzene
Concen: 0.337 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:284 Resp: 2255

Ion	Ratio	Lower	Upper
284	100		
142	32.4	26.7	40.1
249	32.0	25.0	37.4

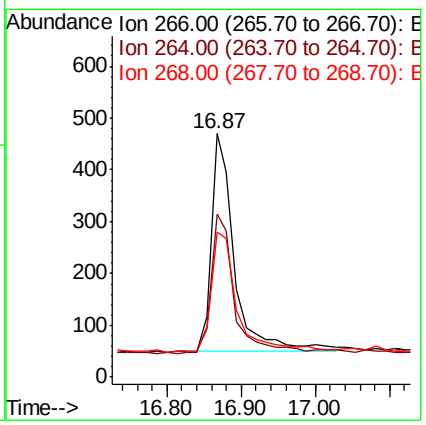


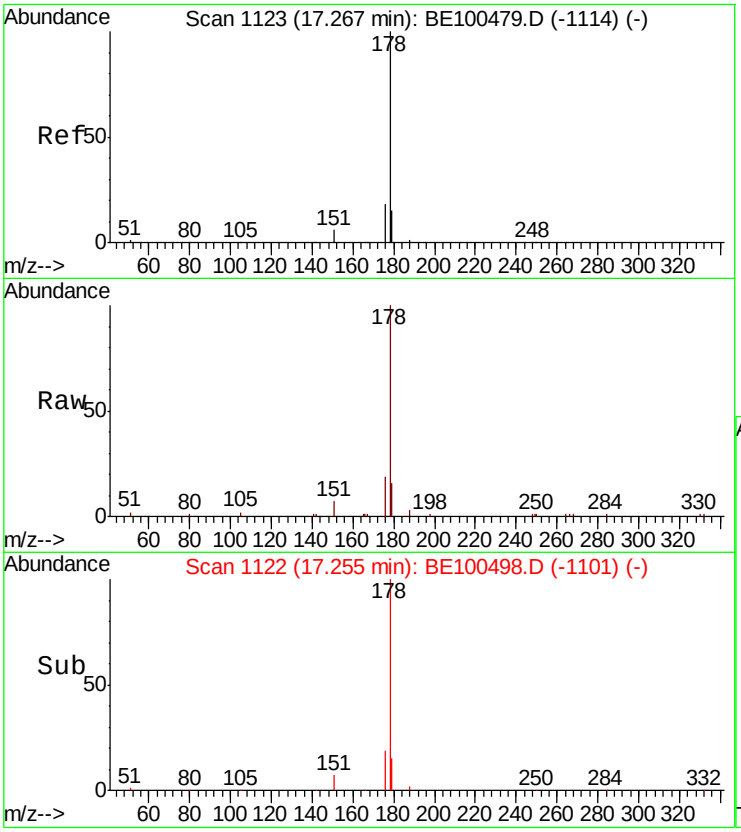


#22
Pentachlorophenol
Concen: 0.409 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:266 Resp: 912

Ion	Ratio	Lower	Upper
266	100		
264	67.0	50.4	75.6
268	59.8	56.6	85.0



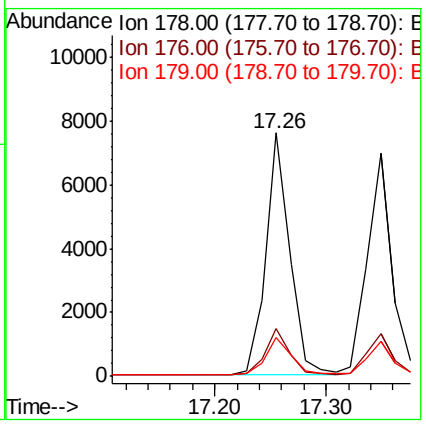


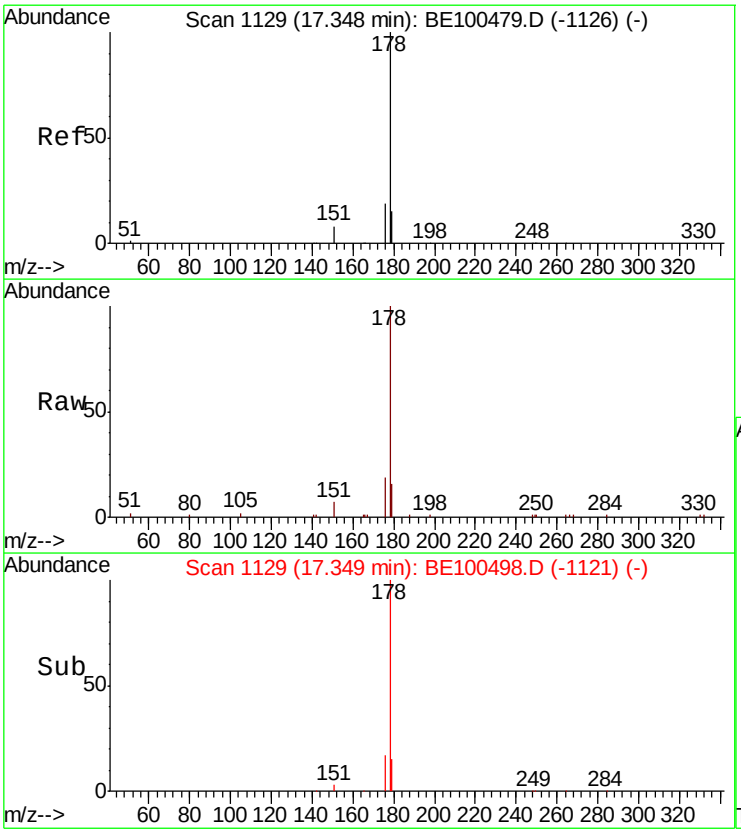
#23
Phenanthrene
Concen: 0.339 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:178 Resp: 11354

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.3	12.6	18.8

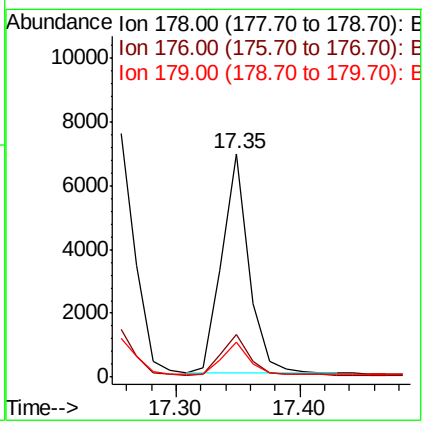


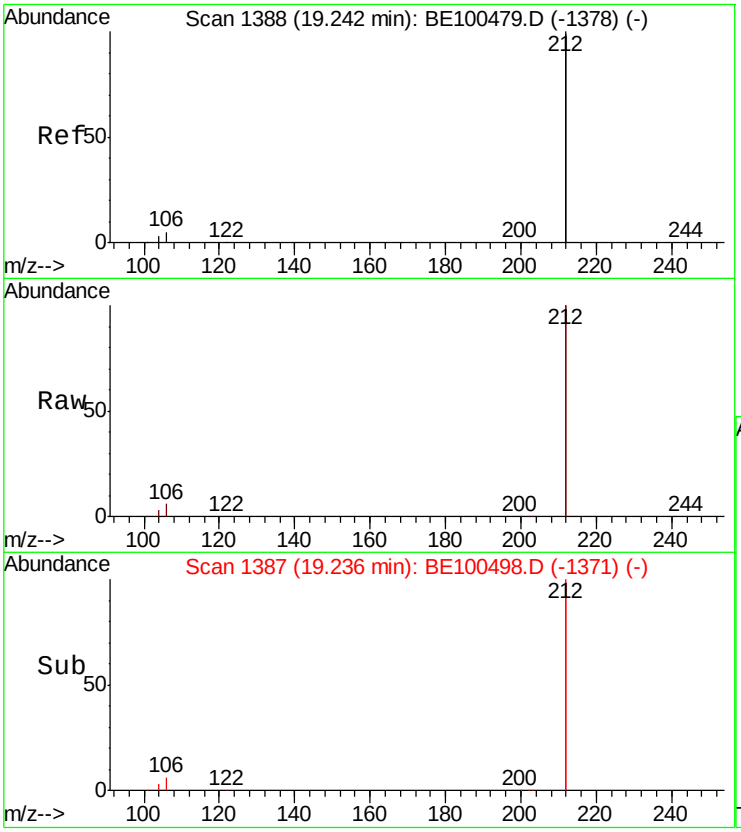


#24
Anthracene
Concen: 0.326 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:178 Resp: 10387

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	14.7	12.2	18.2



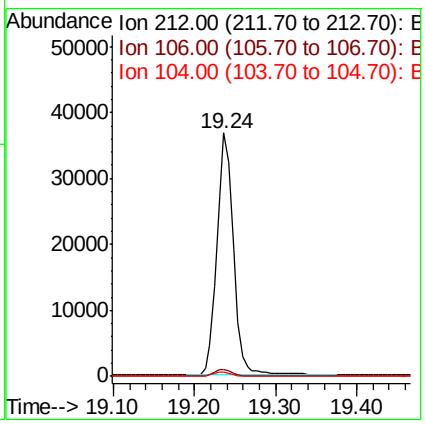


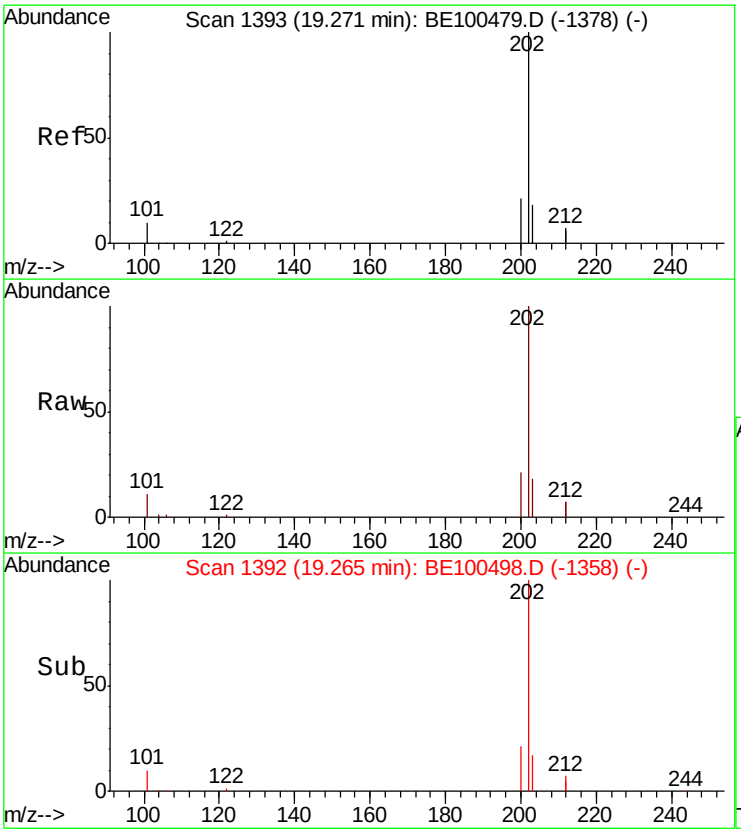
#25
Fluoranthene-d10
Concen: 0.278 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:212 Resp: 52052

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.2	3.4
104	1.5	1.2	1.8

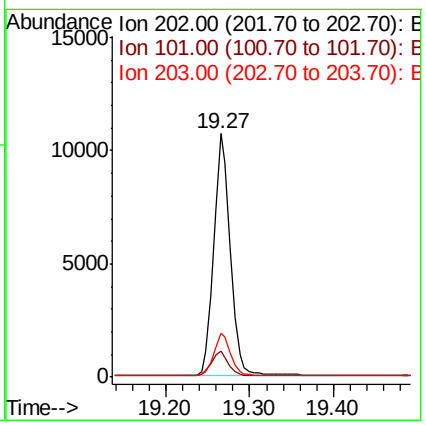


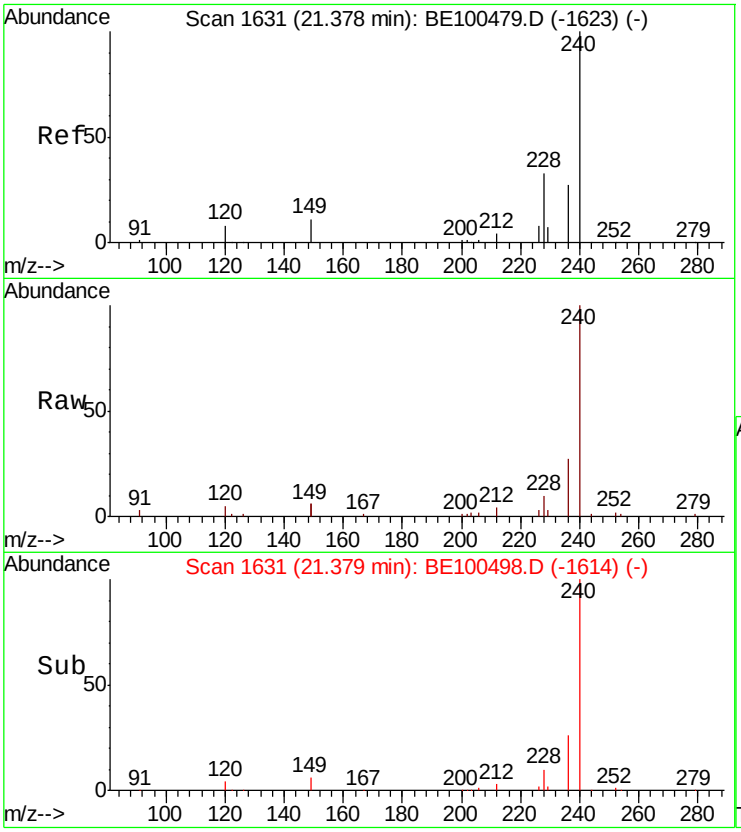


#26
Fluoranthene
Concen: 0.308 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:202 Resp: 14837

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
203	17.1	13.5	20.3



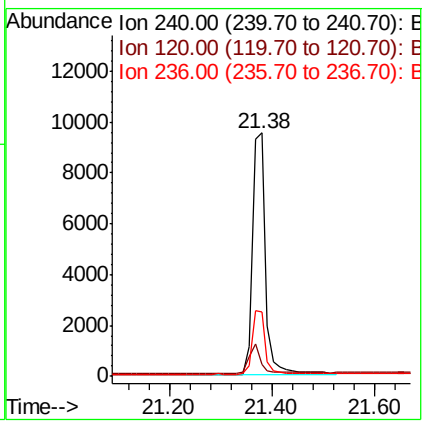


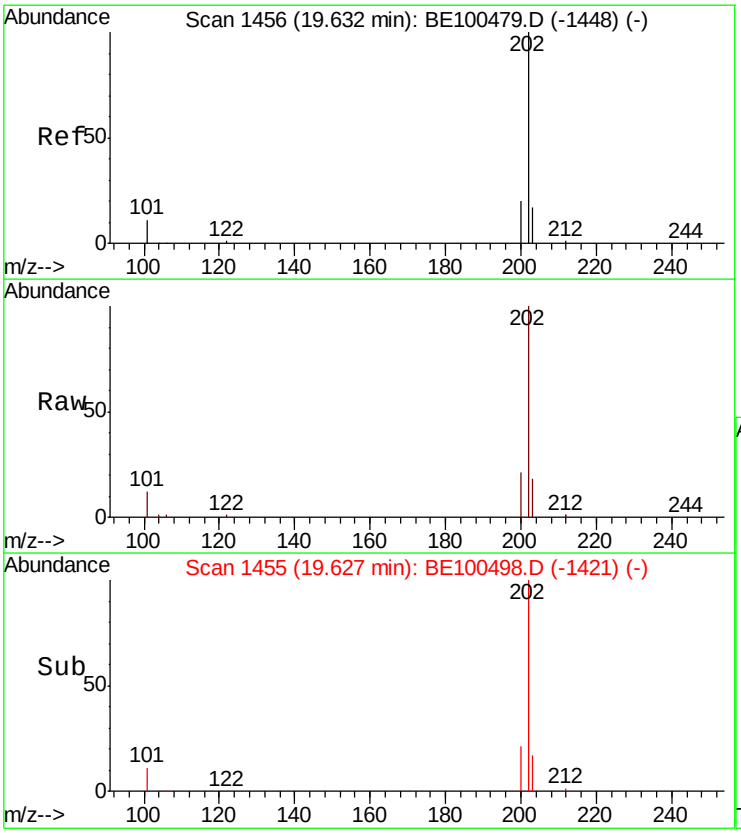
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:240 Resp: 17157

Ion	Ratio	Lower	Upper
240	100		
120	4.9	8.2	12.2#
236	26.5	22.6	34.0

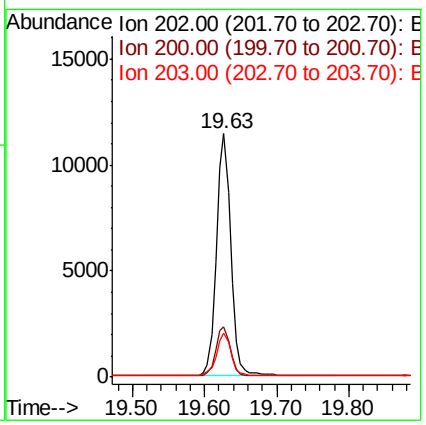


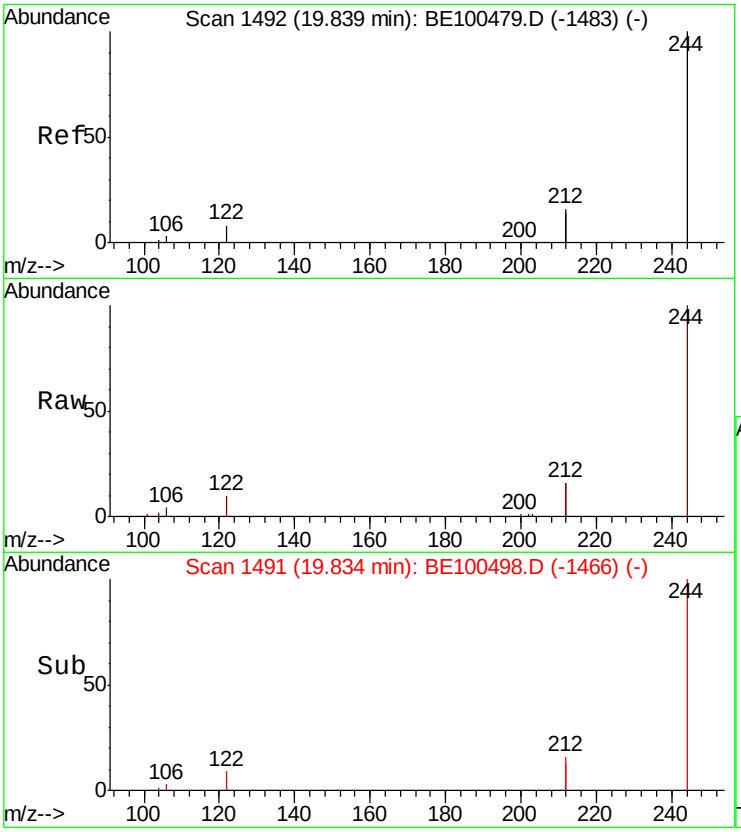


#28
Pyrene
Concen: 0.294 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:202 Resp: 15739

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.8	14.1	21.1



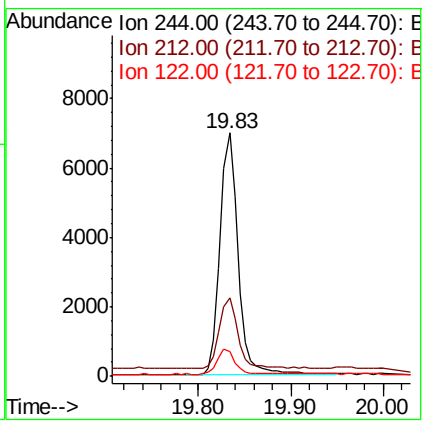


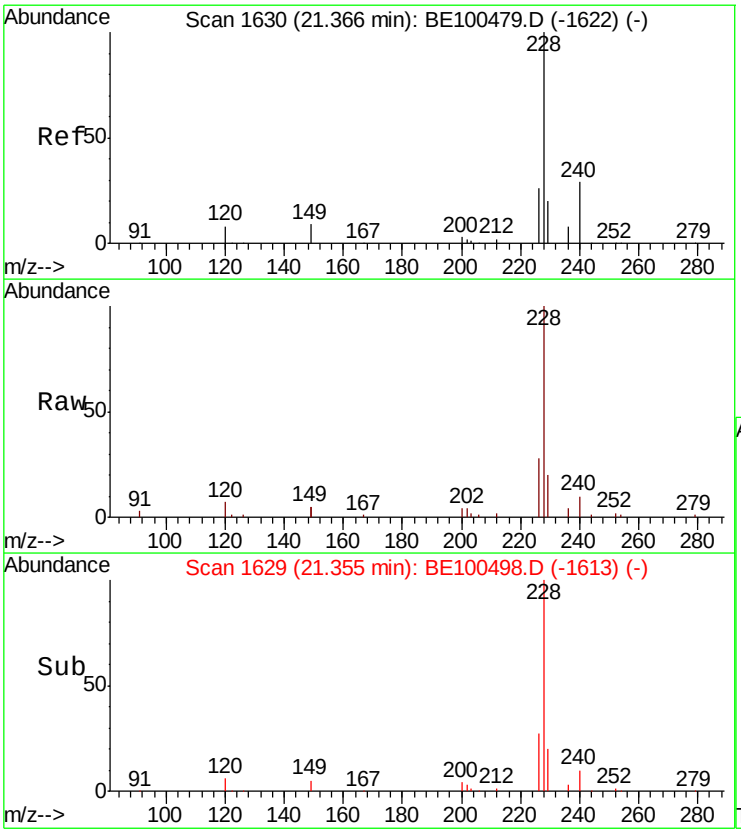
#29
Terphenyl-d14
Concen: 0.222 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:244 Resp: 9424

Ion	Ratio	Lower	Upper
244	100		
212	32.4	25.6	38.4
122	10.1	7.2	10.8

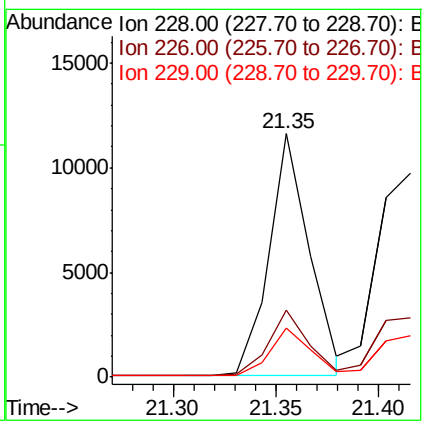


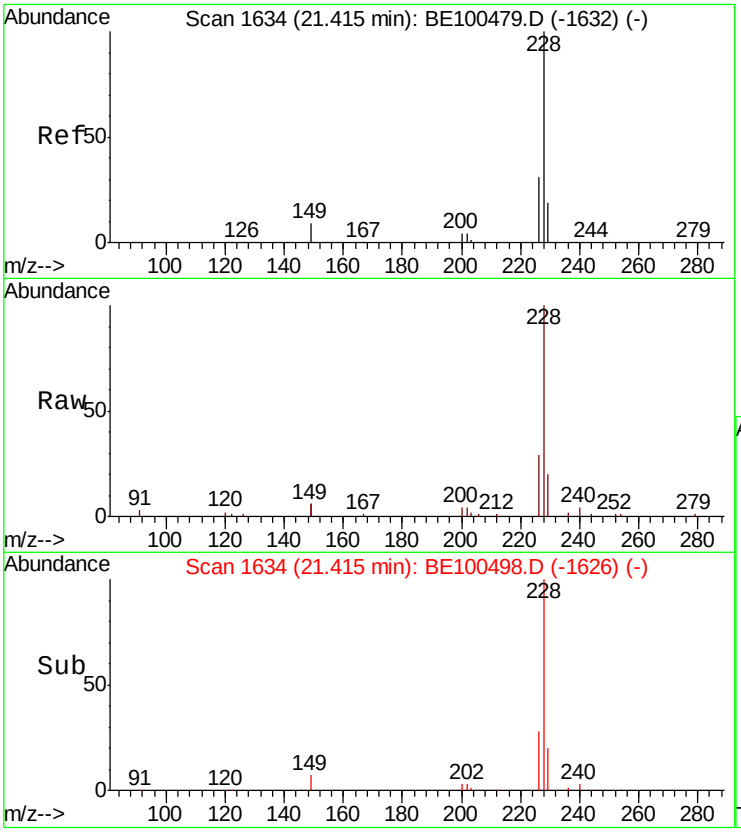


#30
Benzo(a)anthracene
Concen: 0.302 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:228 Resp: 15822

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.4	32.2
229	20.1	17.3	25.9



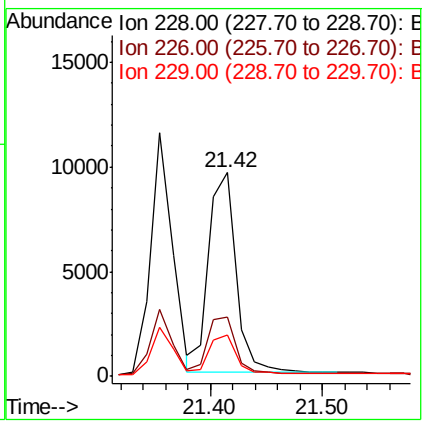


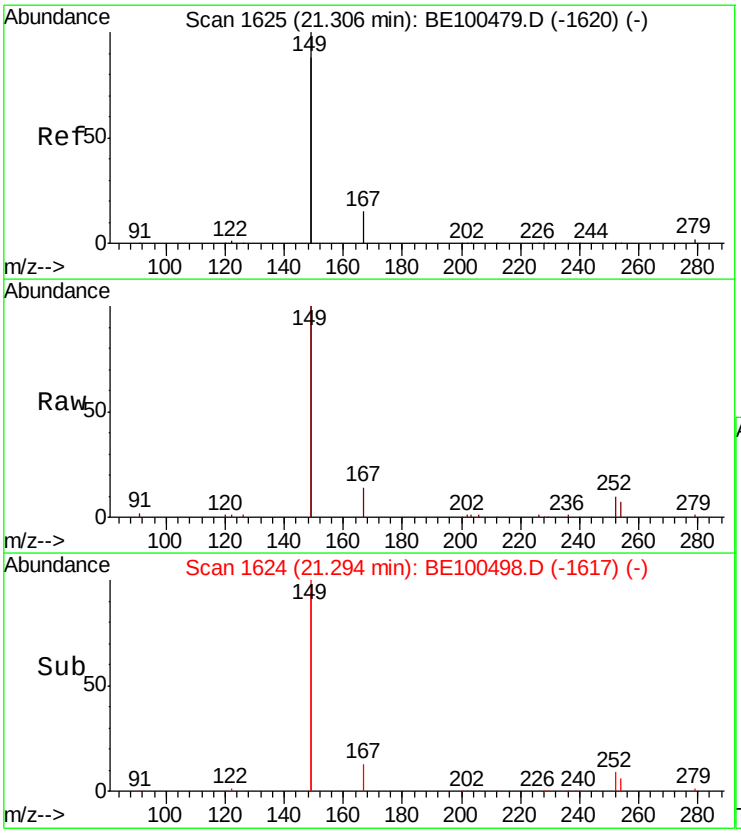
#31
Chrysene
Concen: 0.313 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:228 Resp: 16177

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	20.4	16.7	25.1

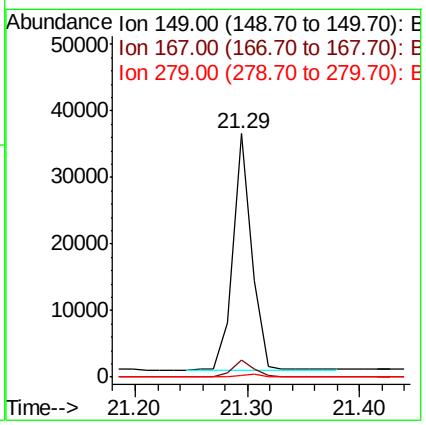


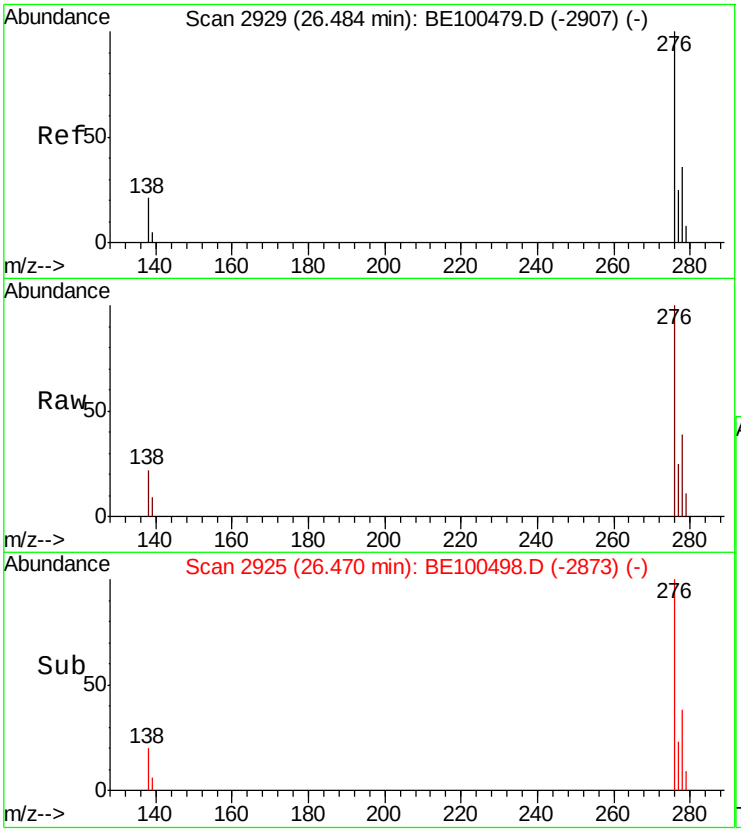


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:149 Resp: 41854

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	1.1	1.0	1.6



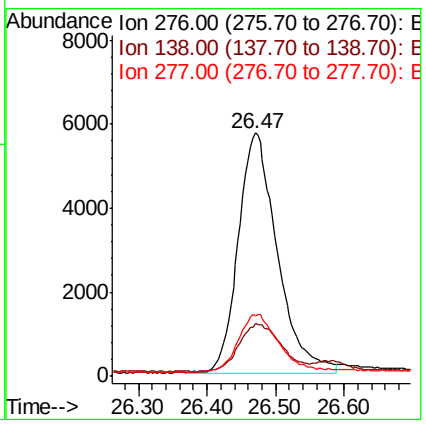


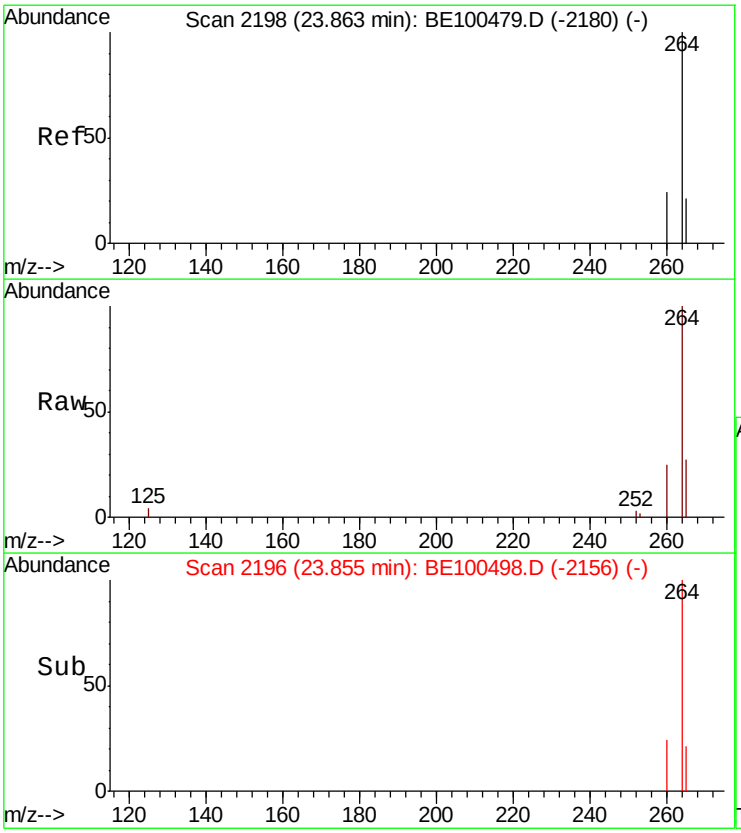
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:276 Resp: 22588

Ion	Ratio	Lower	Upper
276	100		
138	21.8	16.6	25.0
277	24.9	19.1	28.7

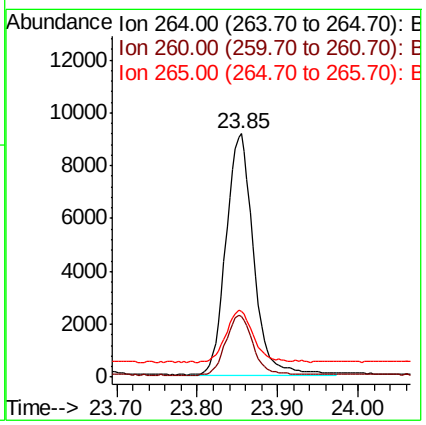


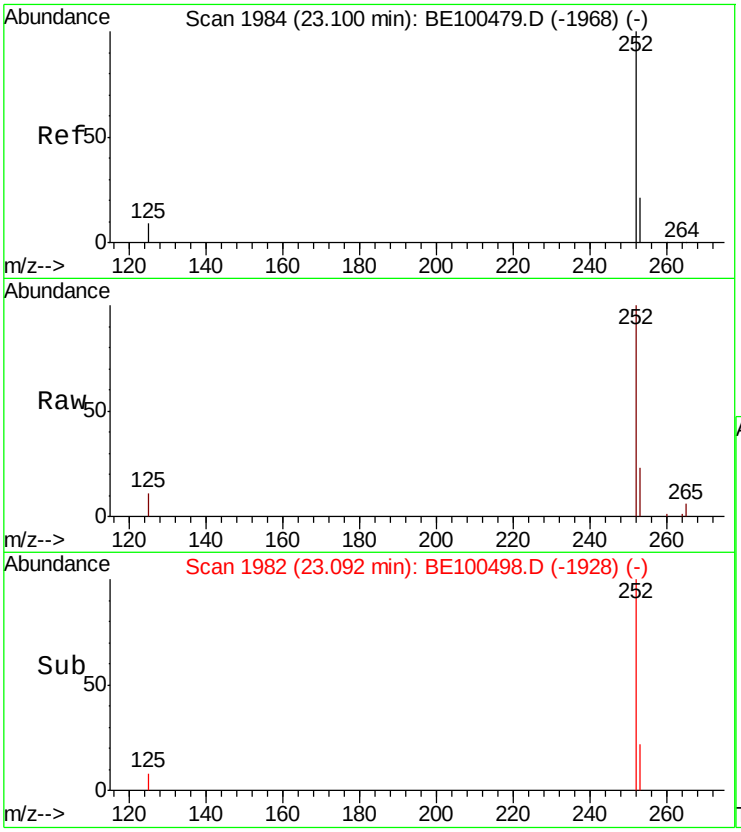


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:264 Resp: 21603

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.7	31.1
265	26.8	23.4	35.2



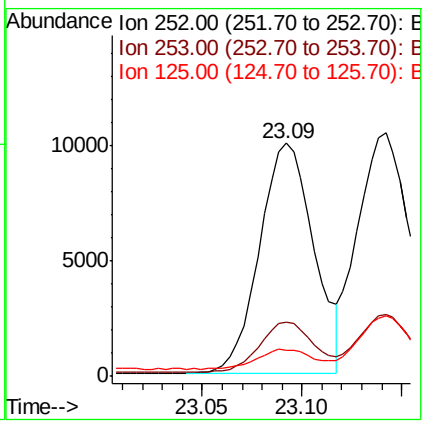


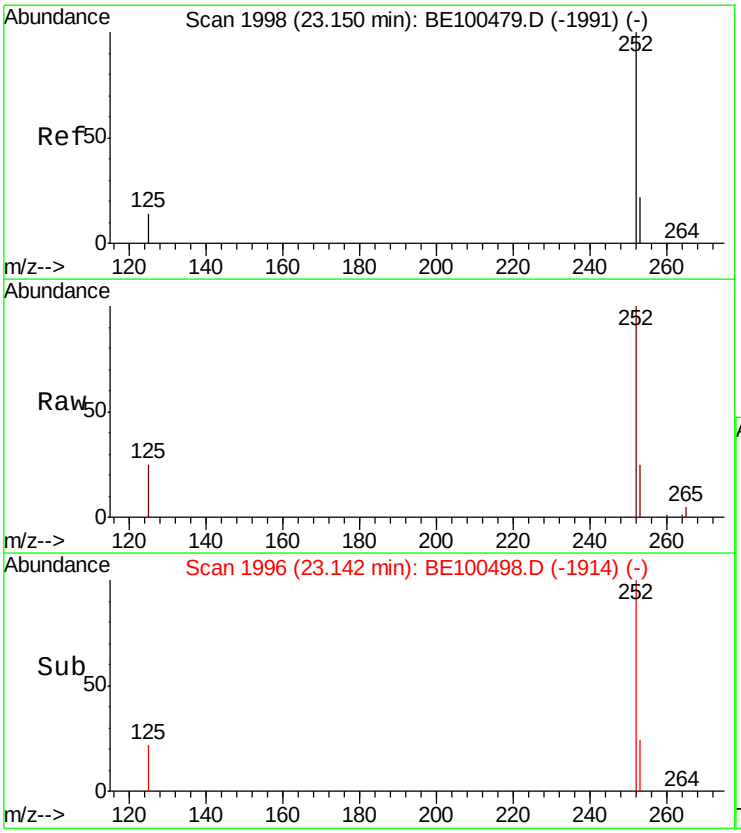
#35
Benzo(b)fluoranthene
Concen: 0.319 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:252 Resp: 18855

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	11.4	11.9	17.9#

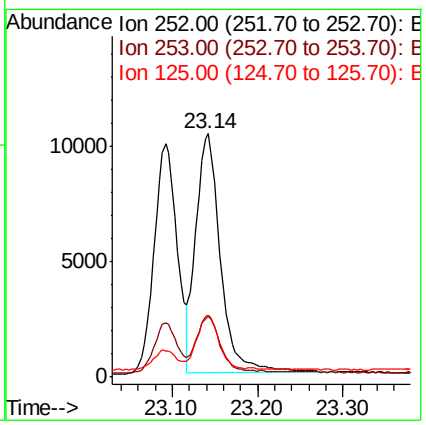


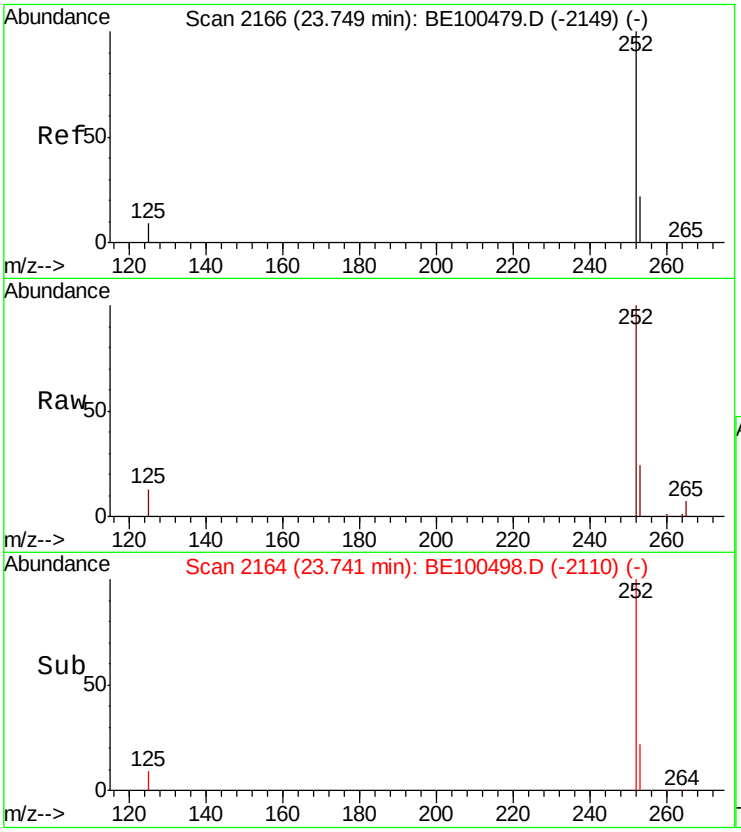


#36
Benzo(k)fluoranthene
Concen: 0.336 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:252 Resp: 20869

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.7	29.5
125	25.1	15.2	22.8#



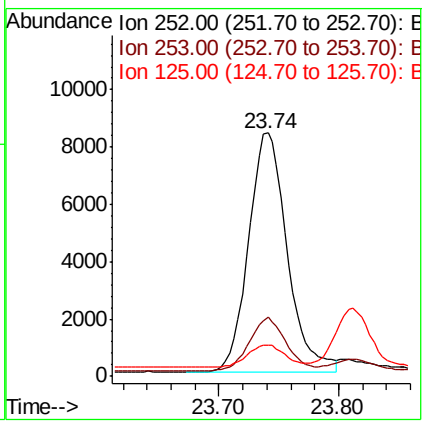


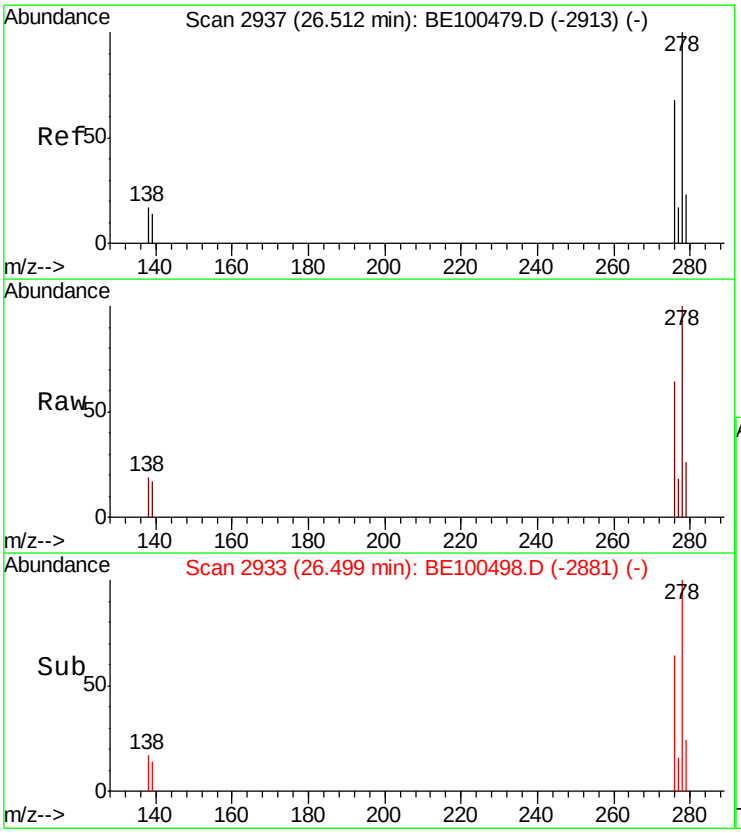
#37
Benzo(a)pyrene
Concen: 0.327 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:252 Resp: 18769

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	13.0	14.1	21.1#

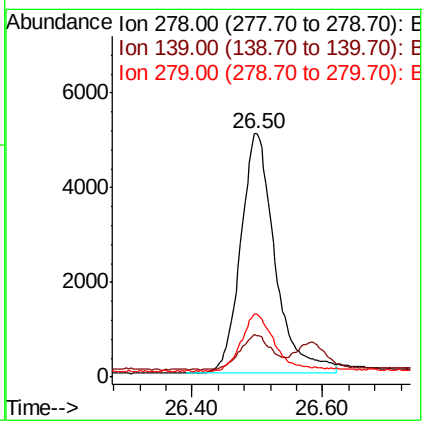


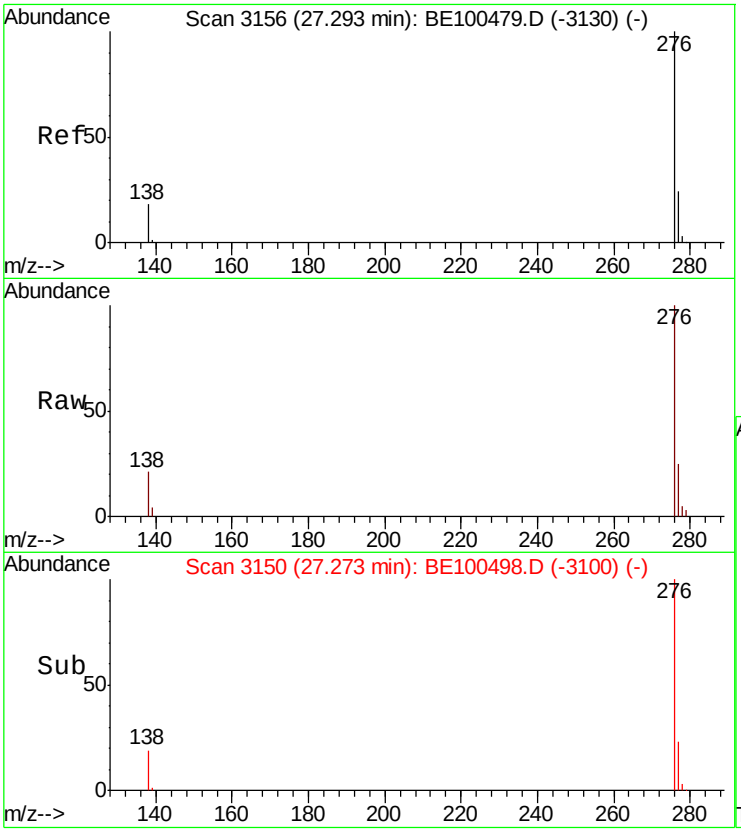


#38
Dibenzo(a,h)anthracene
Concen: 0.341 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:278 Resp: 18554

Ion	Ratio	Lower	Upper
278	100		
139	17.0	16.8	25.2
279	25.8	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 27.27 min Scan# 3150
Delta R.T. -0.02 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:276 Resp: 19740

Ion	Ratio	Lower	Upper
276	100		
277	24.8	22.0	33.0
138	21.2	17.3	25.9