Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100492.D
Acq On : 23 Jul 2019 9:11
Operator : HP/JU
Sample : PB121536BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB121536BS

Quant Time: Jul 24 02:04:54 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	7.87	152	3093	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	11878	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	6516	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	14427	0.40	ng		0.00
27) Chrysene-d12	21.38	240	17512	0.40	ng		0.00
34) Perylene-d12	23.85	264	21337	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2971	0.39	ng		0.00
5) Phenol-d6	7.03	99	4114	0.38	ng		0.00
8) Nitrobenzene-d5	9.02	82	3327	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	8840	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	1065	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	7893	0.30	ng		0.00
25) Fluoranthene-d10	19.24	212	57744	0.29	ng		0.00
29) Terphenyl-d14	19.83	244	10383	0.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1643	0.305	ng	#	78
3) n-Nitrosodimethylamine	3.67	42	1056	0.373	ng	#	90
6) bis(2-Chloroethyl)ether	7.29	93	3241	0.350	ng		98
9) Naphthalene	10.71	128	37987	0.333	ng		100
10) Hexachlorobutadiene	11.00	225	1715	0.314	ng		98
12) 2-Methylnaphthalene	12.32	142	6532	0.318	ng		98
16) Acenaphthylene	14.21	152	9745	0.323	ng		98
17) Acenaphthene	14.56	154	5845	0.322	ng		97
18) Fluorene	15.53	166	7556	0.312	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	2434	0.355	ng	#	76
21) Hexachlorobenzene	16.53	284	2333	0.330	ng		98
22) Pentachlorophenol	16.87	266	1717	0.611	ng		93
23) Phenanthrene	17.26	178	12053	0.341	ng		99
24) Anthracene	17.35	178	12266	0.364	ng		99
26) Fluoranthene	19.27	202	16476	0.324	ng	#	92
28) Pyrene	19.63	202	16985	0.311	ng		99
30) Benzo(a)anthracene	21.35	228	17803	0.333	ng		97
31) Chrysene	21.41	228	16258	0.308	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	60467	0.492	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	24500	0.426	ng		99
35) Benzo(b)fluoranthene	23.09	252	18796	0.322	ng		99
36) Benzo(k)fluoranthene	23.14	252	14384	0.235	ng	#	52
37) Benzo(a)pyrene	23.74	252	19382	0.341	ng		97
38) Dibenzo(a,h)anthracene	26.50	278	20216	0.377	ng		98
39) Benzo(g,h,i)perylene	27.27	276	21036	0.383	ng		97

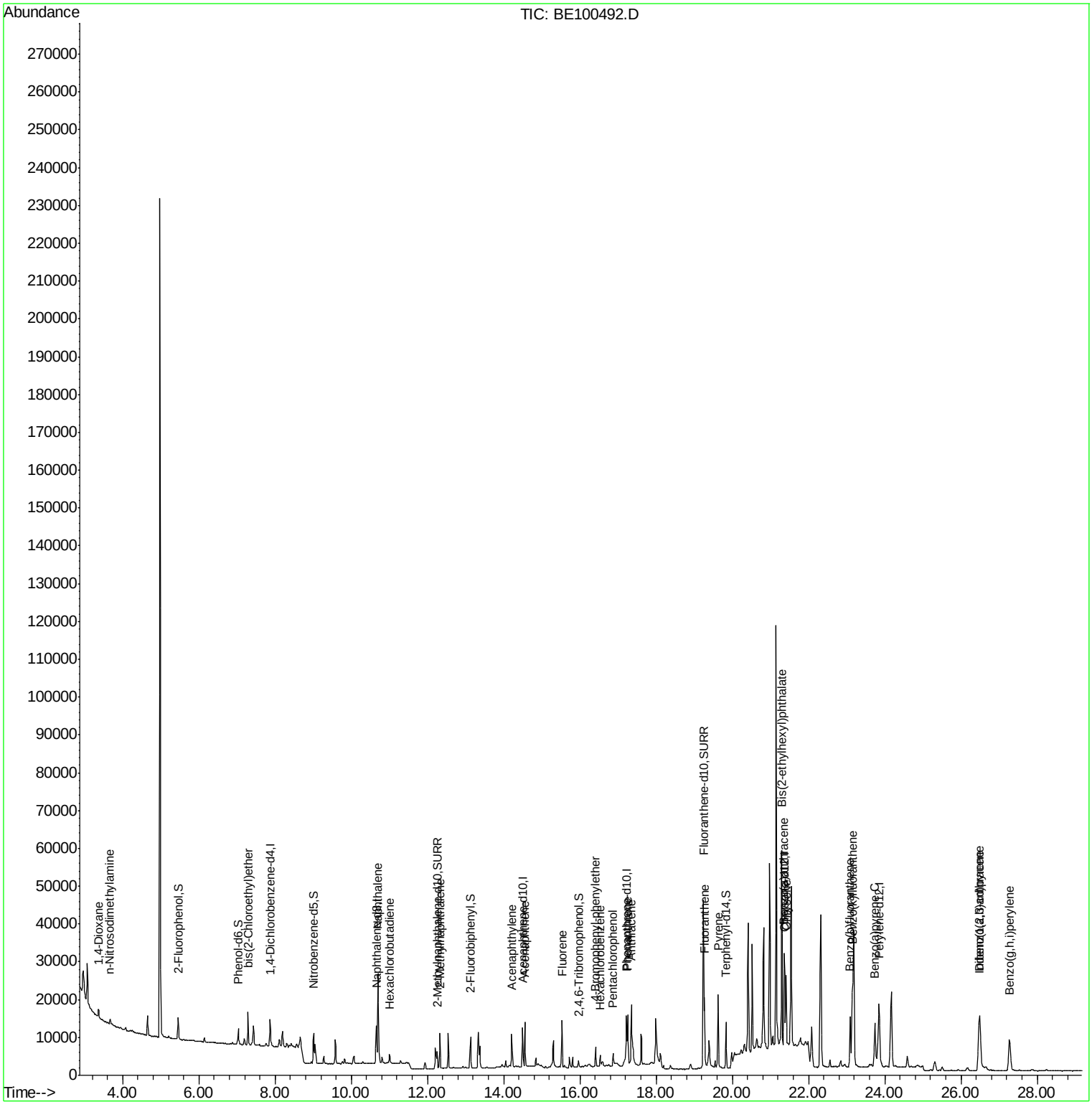
(#) = qualifier out of range (m) = manual integration (+) = signals summed

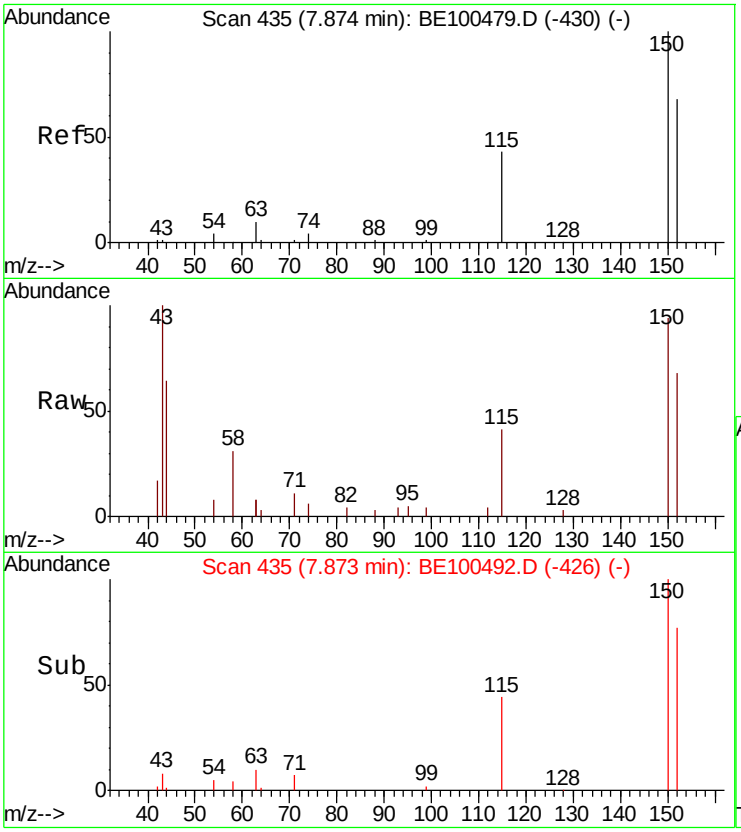
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100492.D
Acq On : 23 Jul 2019 9:11
Operator : HP/JU
Sample : PB121536BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Quant Time: Jul 24 02:04:54 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



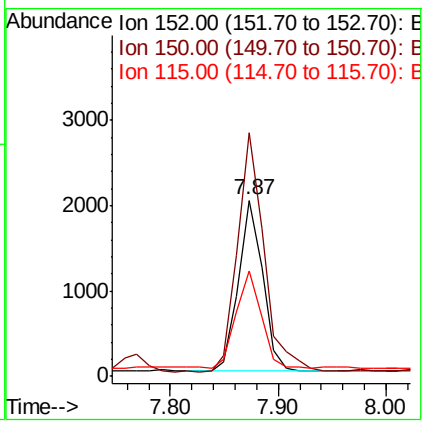


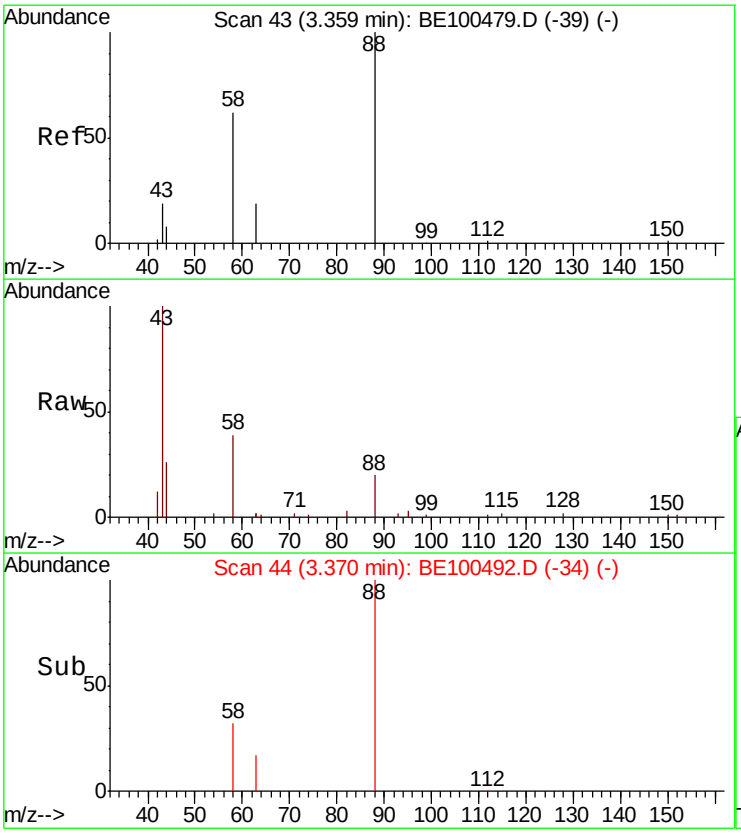
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:152 Resp: 3093

Ion	Ratio	Lower	Upper
152	100		
150	138.4	115.0	172.6
115	60.0	52.9	79.3

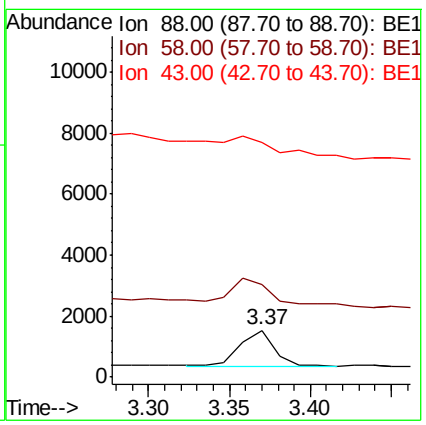


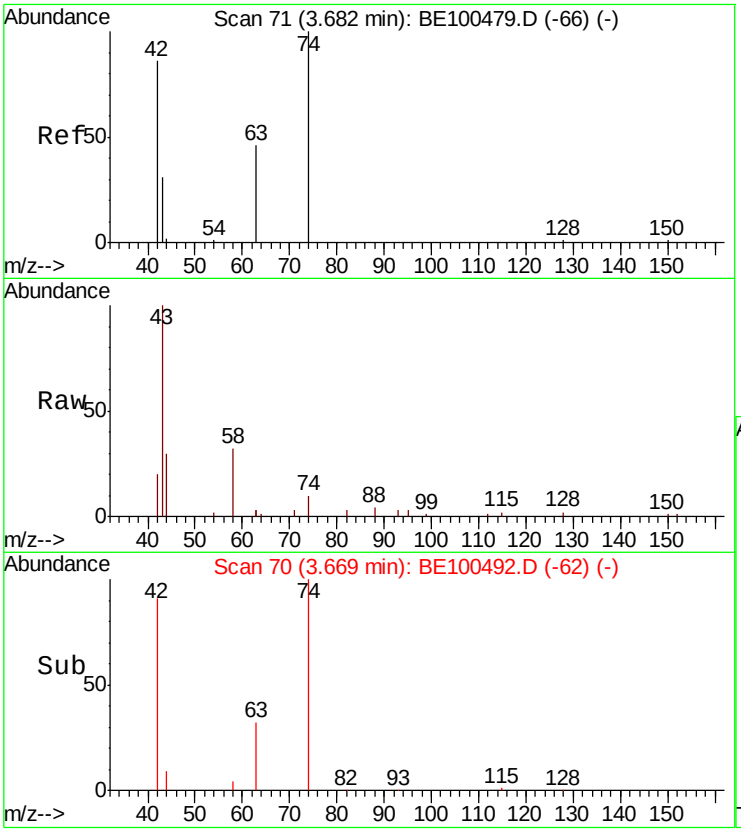


#2
1,4-Dioxane
Concen: 0.305 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion: 88 Resp: 1643

Ion	Ratio	Lower	Upper
88	100		
58	75.2	53.2	79.8
43	0.0	20.8	31.2#



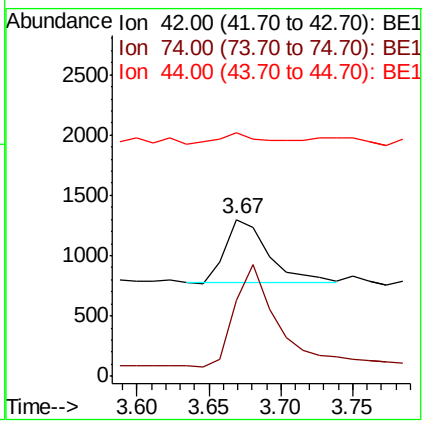


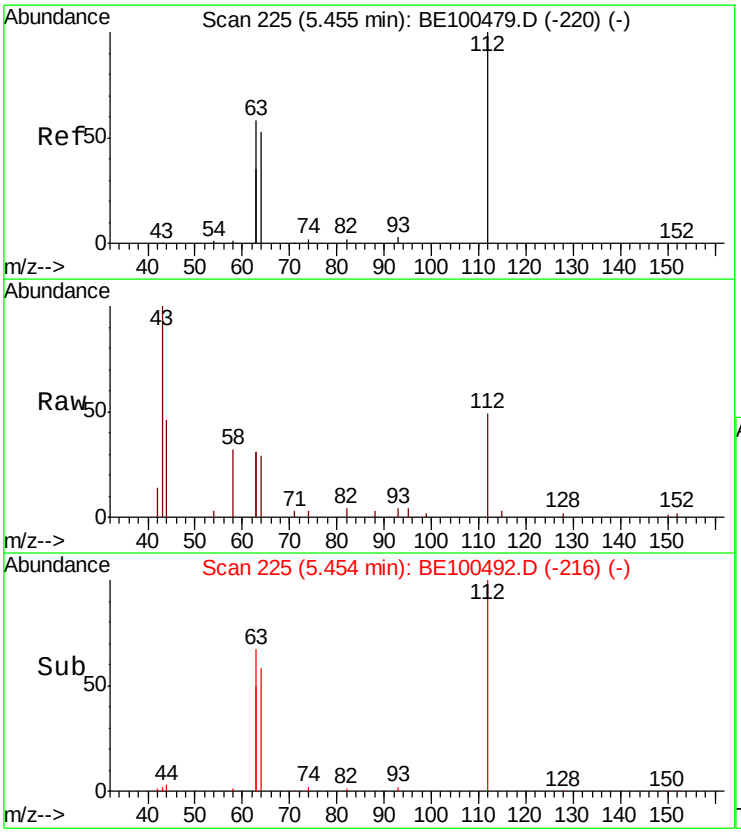
#3
n-Nitrosodimethylamine
Concen: 0.373 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion: 42 Resp: 1056

Ion	Ratio	Lower	Upper
42	100		
74	159.3	0.0	0.0#
44	15.7	9.6	14.4#

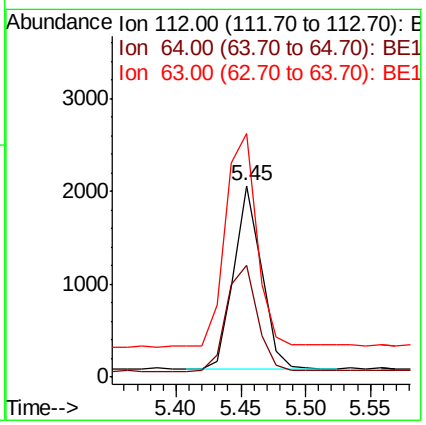


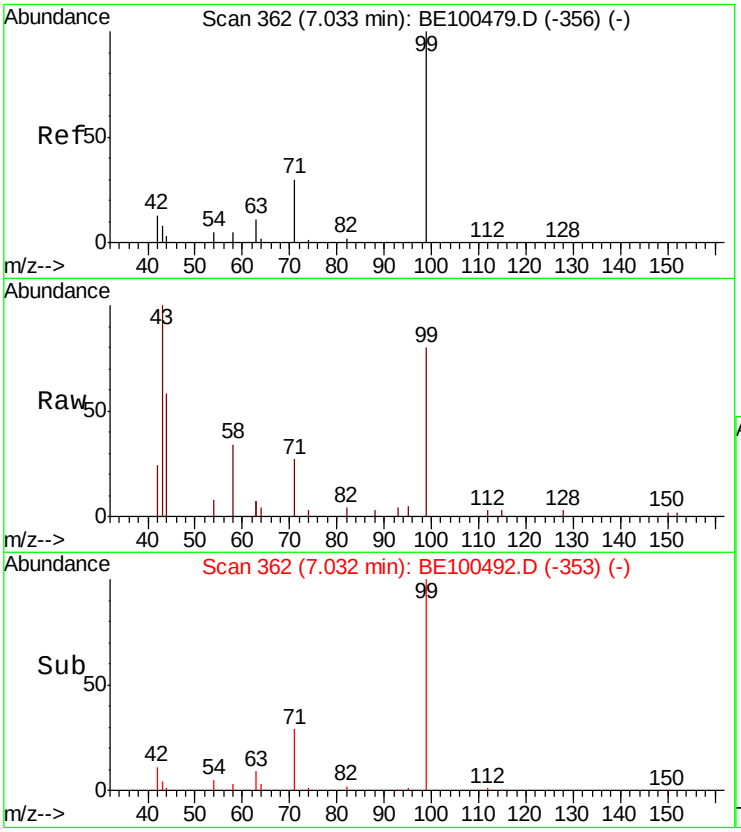


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:112 Resp: 2971

Ion	Ratio	Lower	Upper
112	100		
64	64.4	54.1	81.1
63	128.9	104.6	157.0



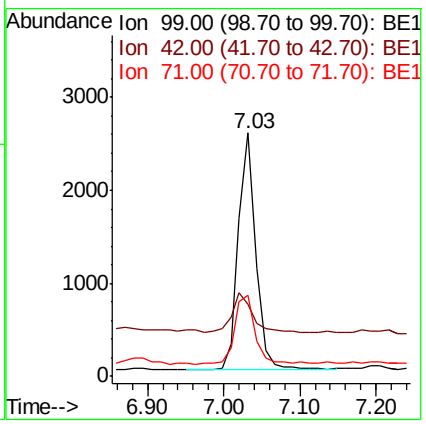


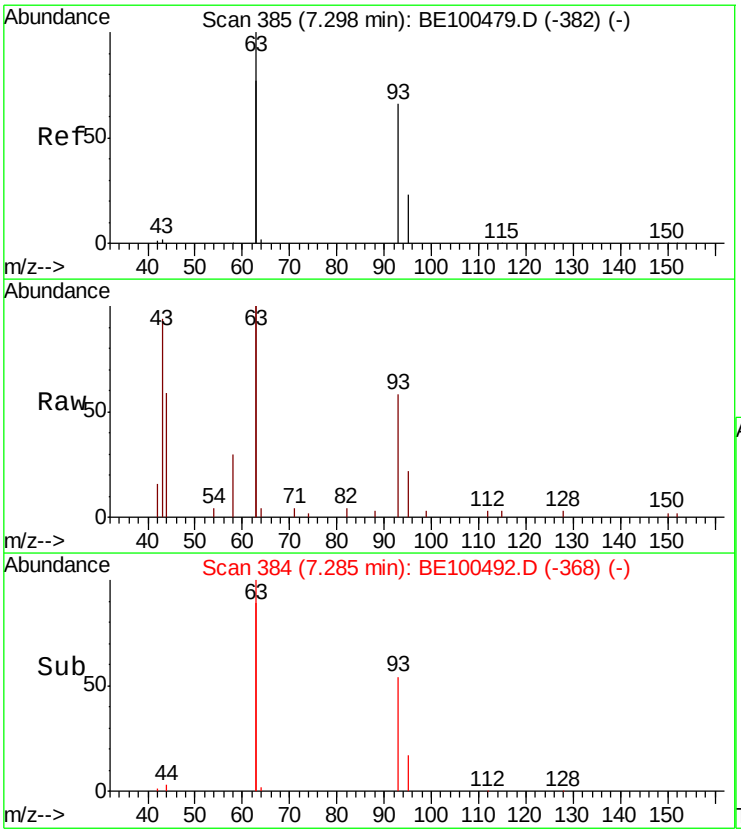
#5
Phenol-d6
Concen: 0.382 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion: 99 Resp: 4114

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	35.5	26.4	39.6

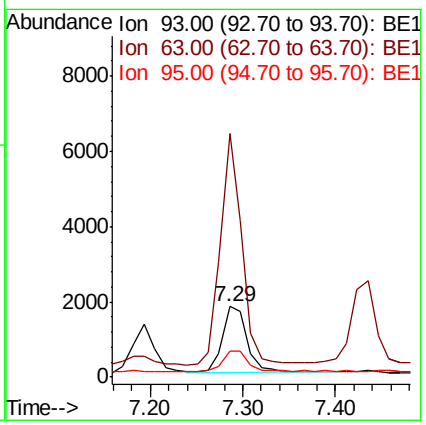


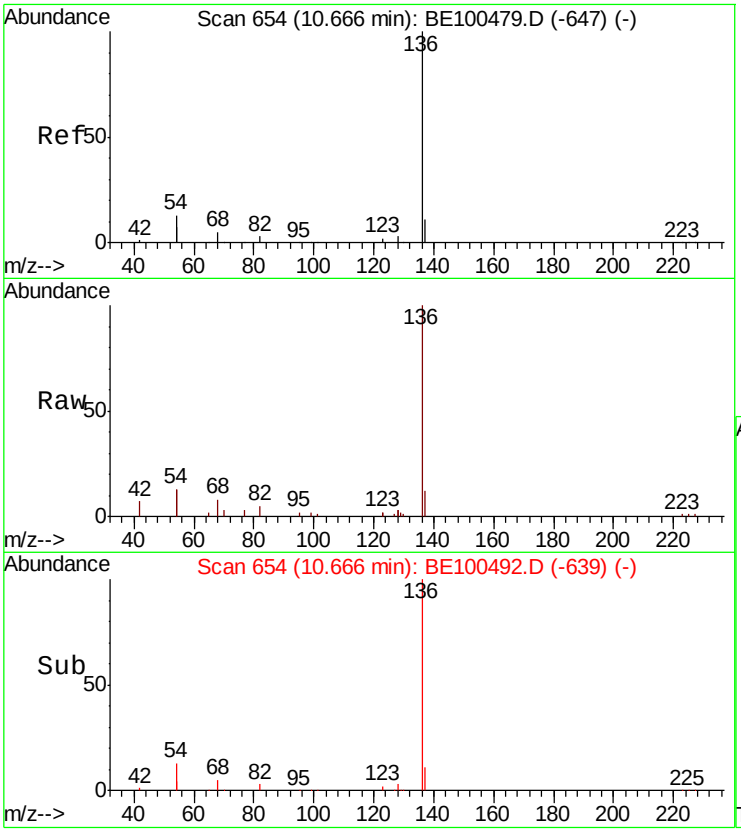


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion: 93 Resp: 3241

Ion	Ratio	Lower	Upper
93	100		
63	306.2	248.3	372.5
95	32.0	25.4	38.0



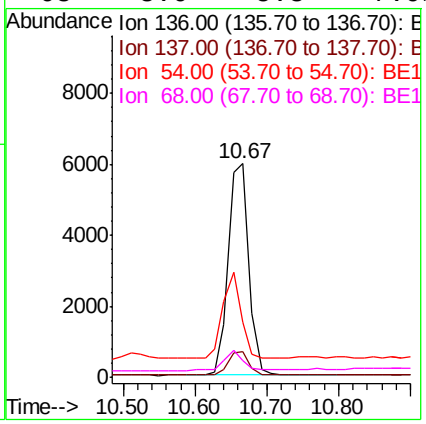


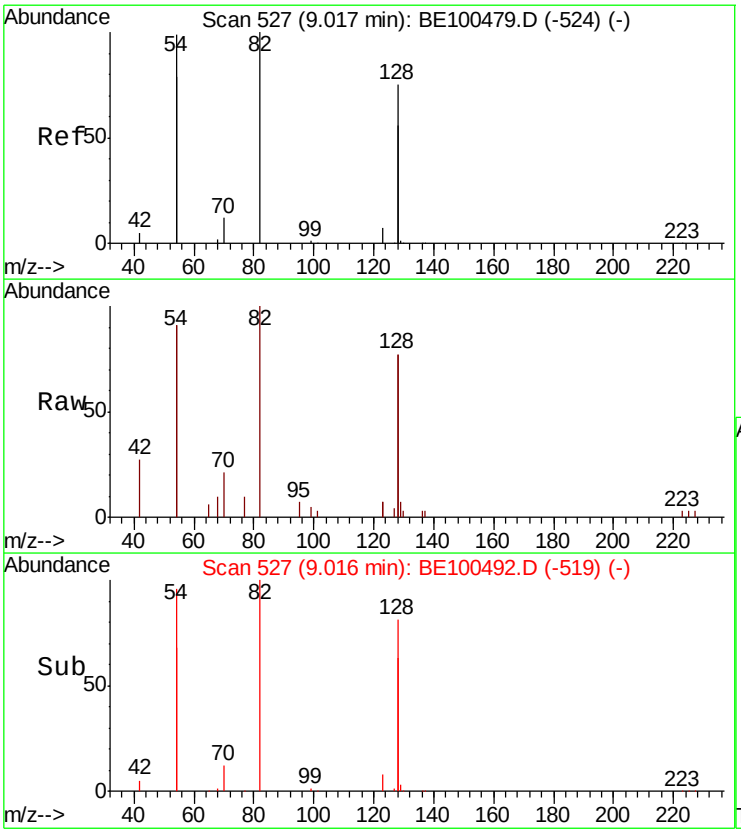
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:136 Resp: 11878

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.6
54	25.9	20.6	31.0
68	8.0	5.3	7.9#

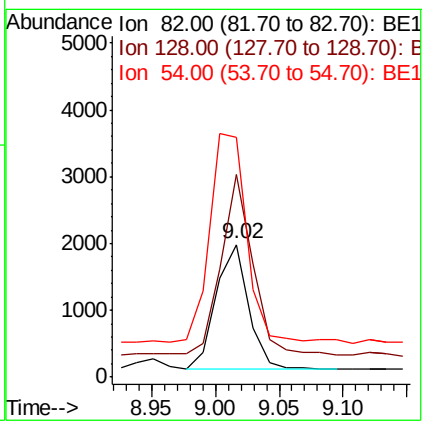


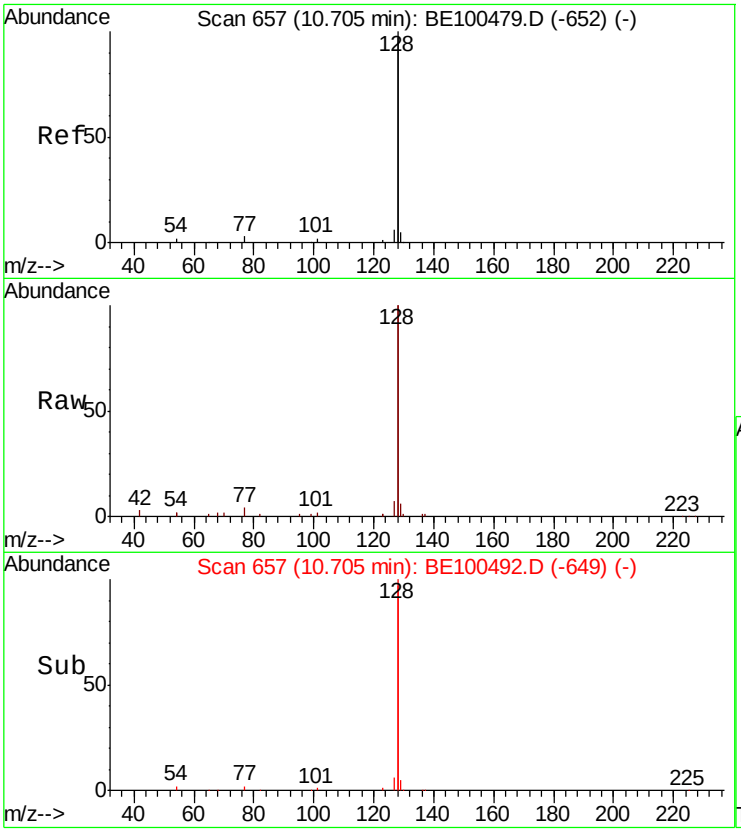


#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion: 82 Resp: 3327

Ion	Ratio	Lower	Upper
82	100		
128	153.0	113.6	170.4
54	181.6	150.6	226.0



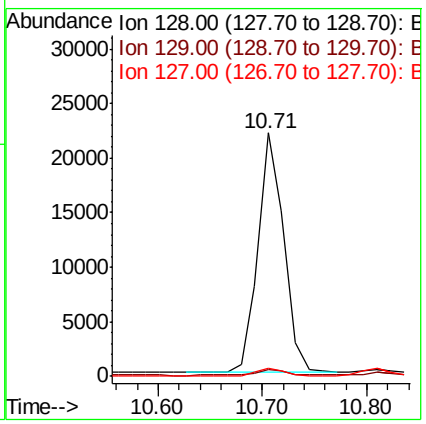


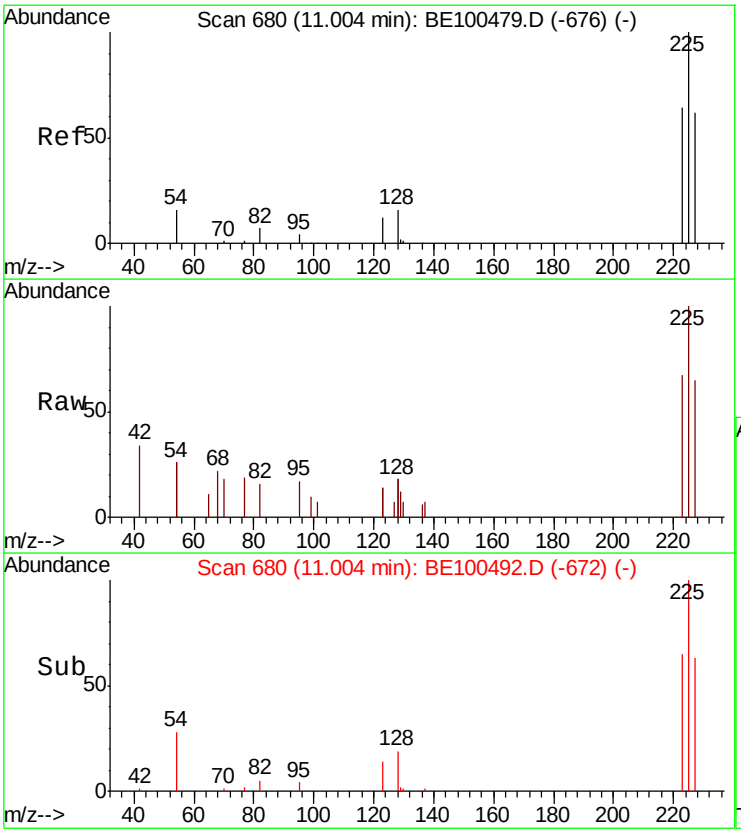
#9
Naphthalene
Concen: 0.333 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:128 Resp: 37987

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.6	2.7	4.1

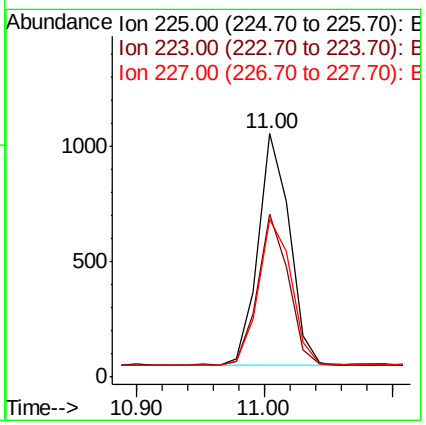


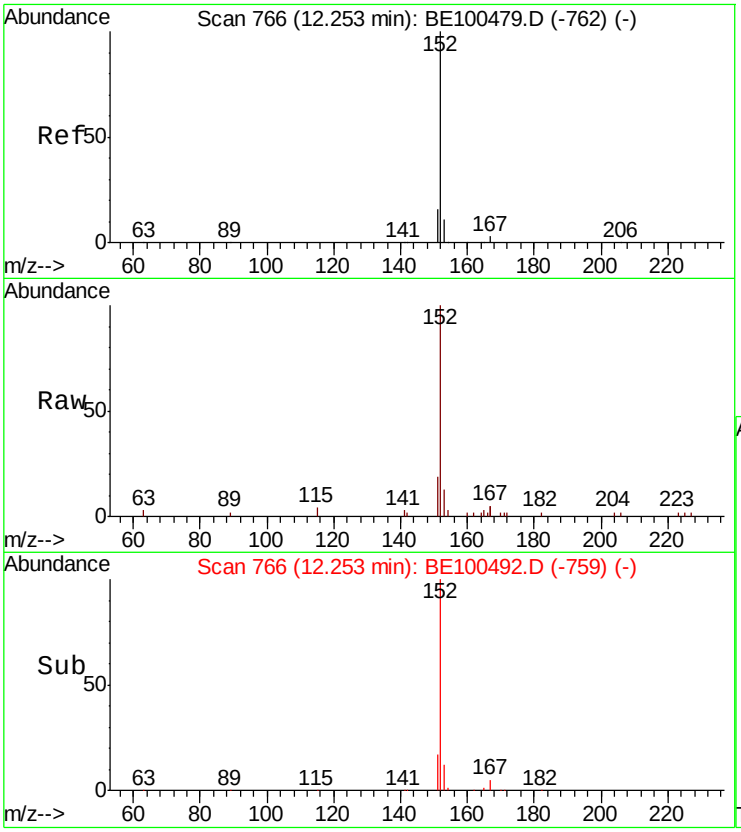


#10
Hexachlorobutadiene
Concen: 0.314 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:225 Resp: 1715

Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.4	74.0
227	65.2	51.4	77.2



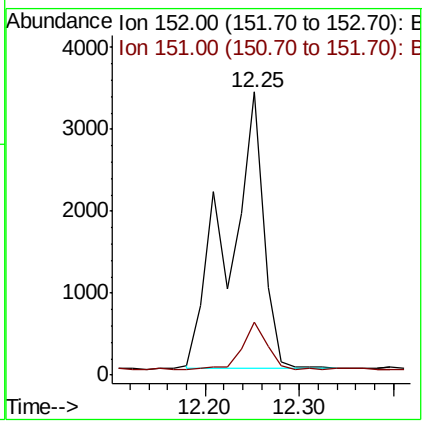


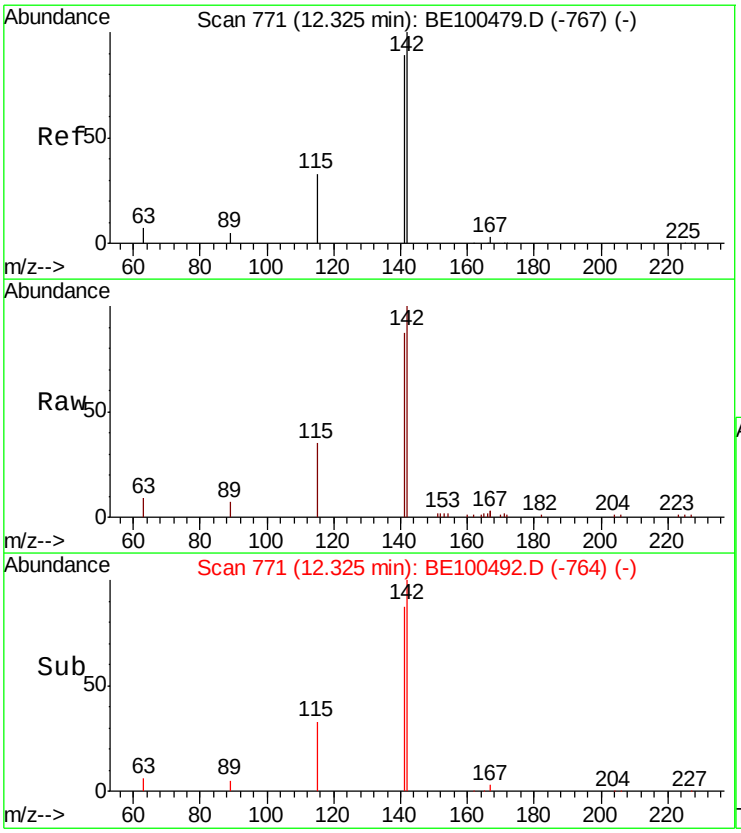
#11
2-Methylnaphthalene-d10
Concen: 0.449 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:152 Resp: 8840

Ion	Ratio	Lower	Upper
152	100		
151	11.9	15.1	22.7#

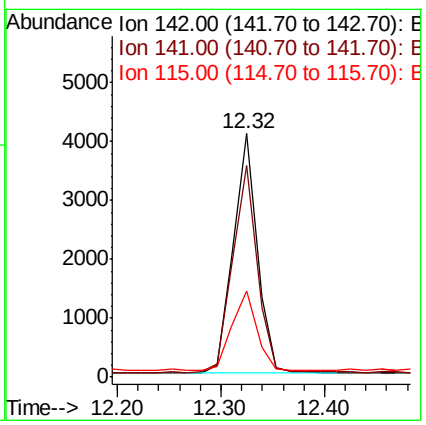


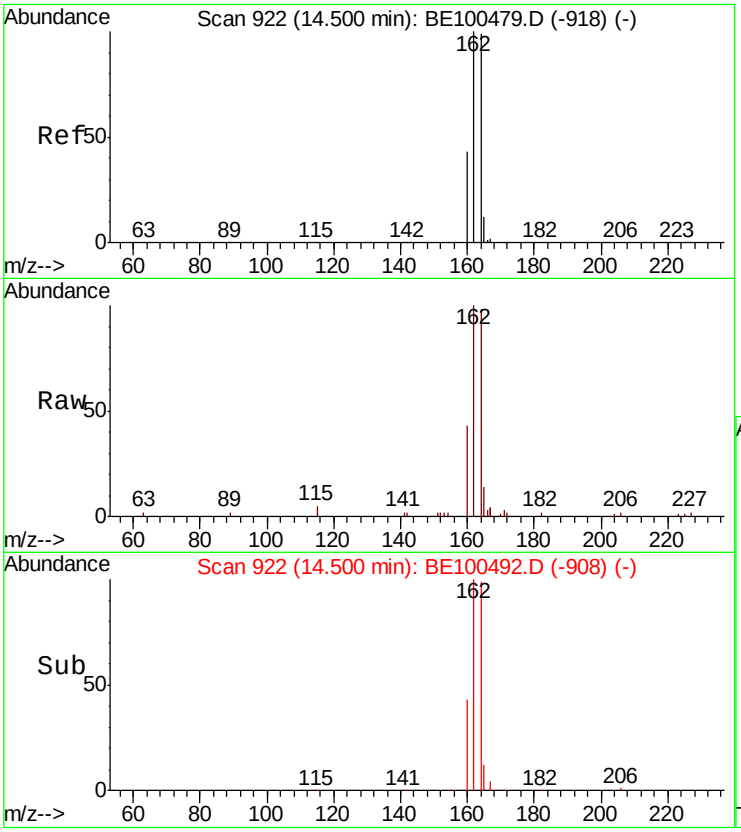


#12
2-Methylnaphthalene
Concen: 0.318 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:142 Resp: 6532

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.7	107.5
115	35.2	27.8	41.6



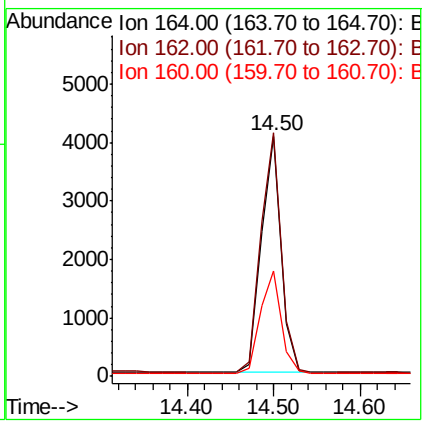


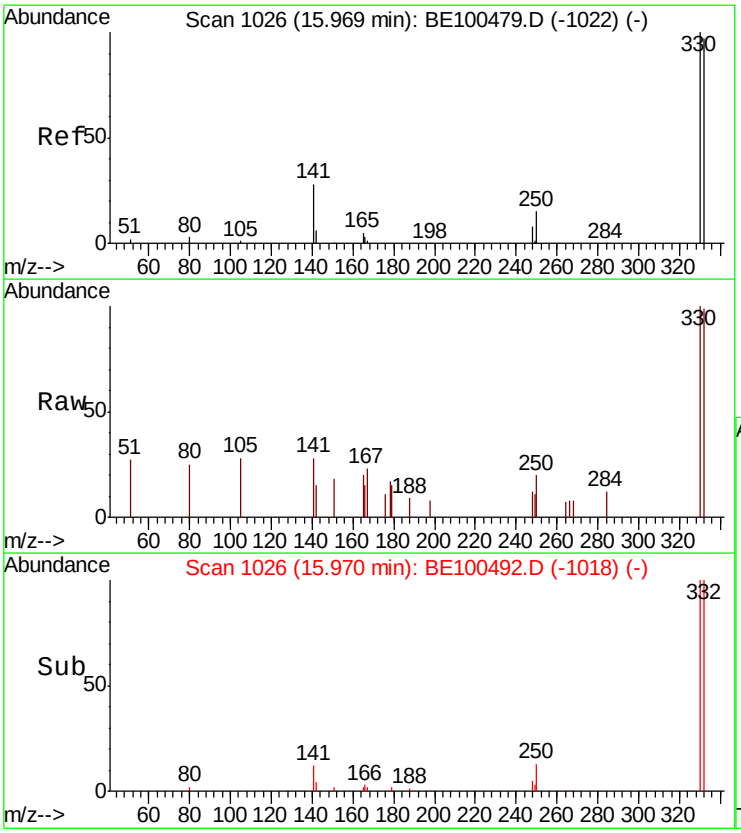
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:164 Resp: 6516

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.8	121.2
160	44.0	34.9	52.3

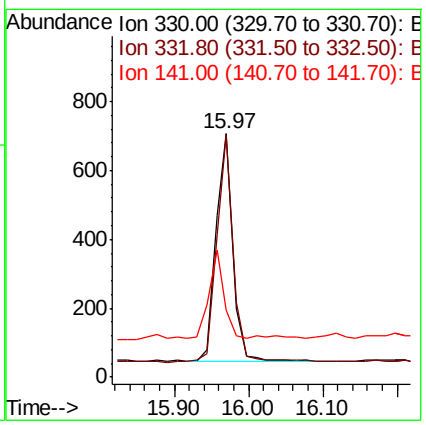


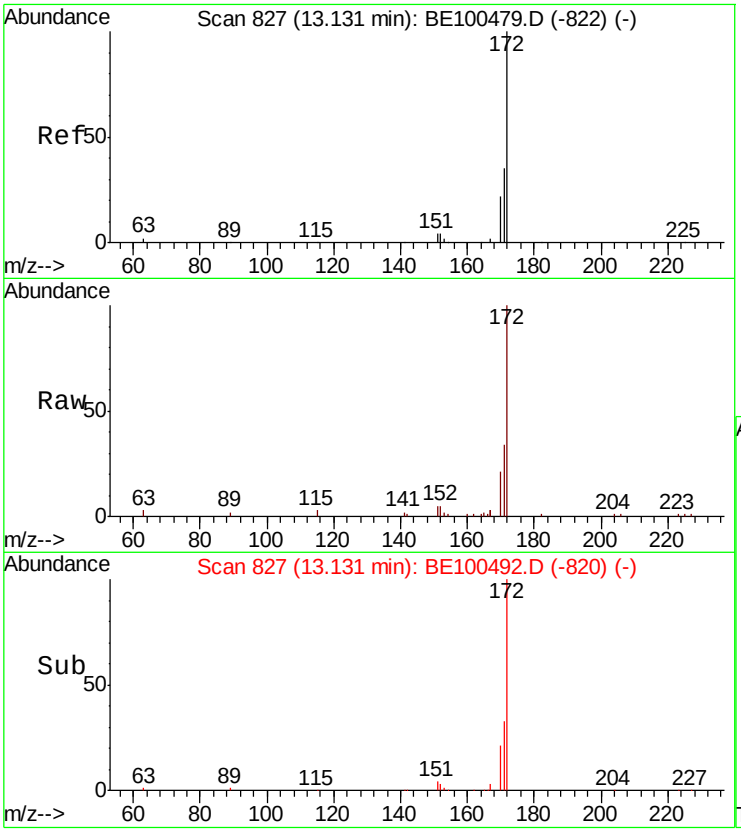


#14
2,4,6-Tribromophenol
Concen: 0.377 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:330 Resp: 1065

Ion	Ratio	Lower	Upper
330	100		
332	97.5	80.5	120.7
141	33.8	29.9	44.9



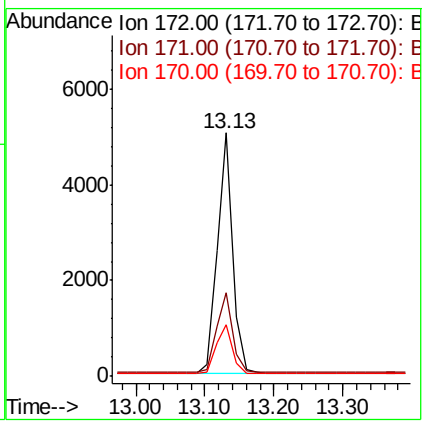


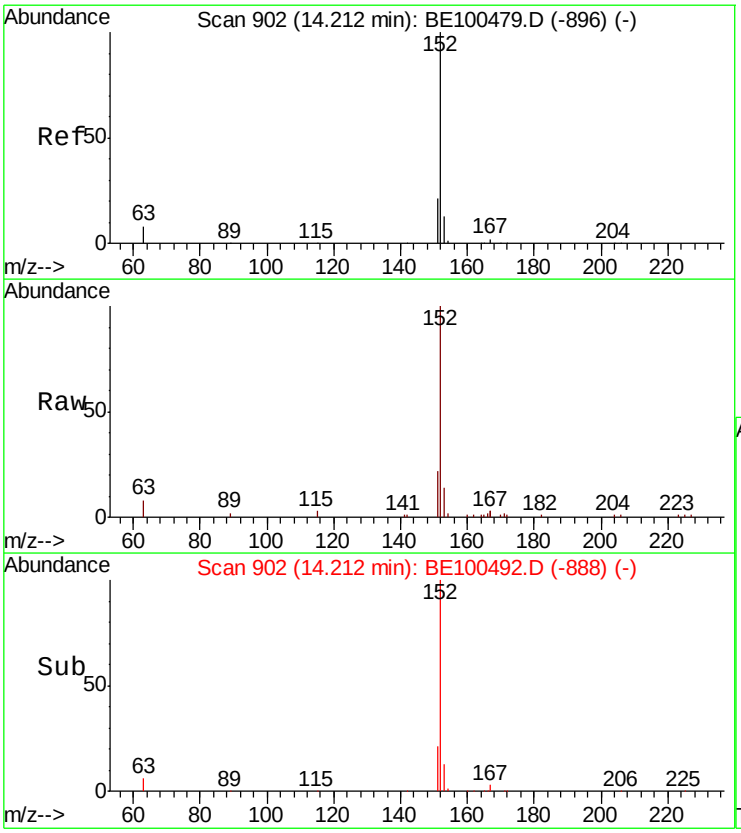
#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:172 Resp: 7893

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.2	42.2
170	21.4	17.8	26.8

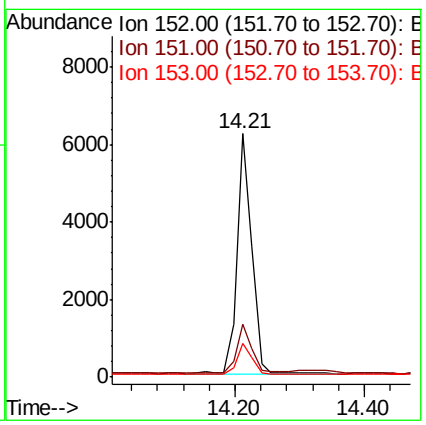


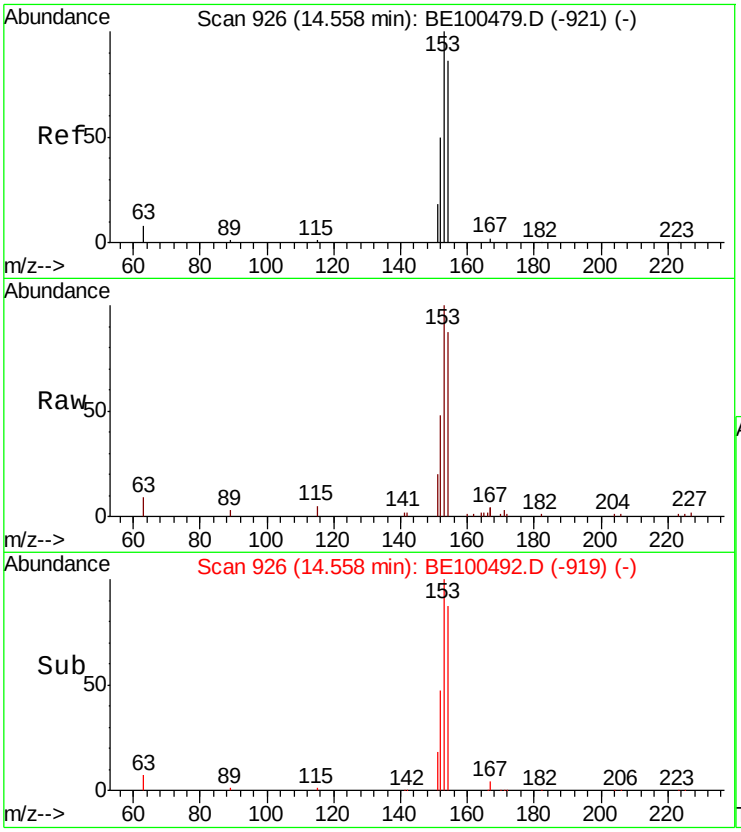


#16
Acenaphthylene
Concen: 0.323 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:152 Resp: 9745

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.1	24.1
153	12.9	10.6	16.0



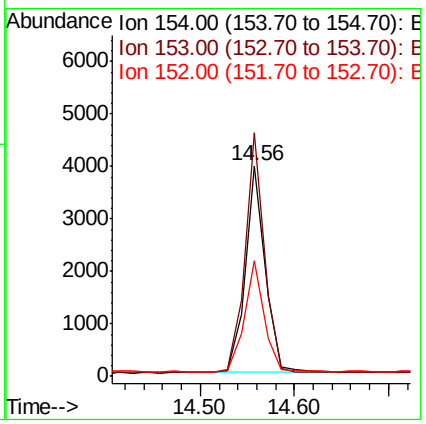


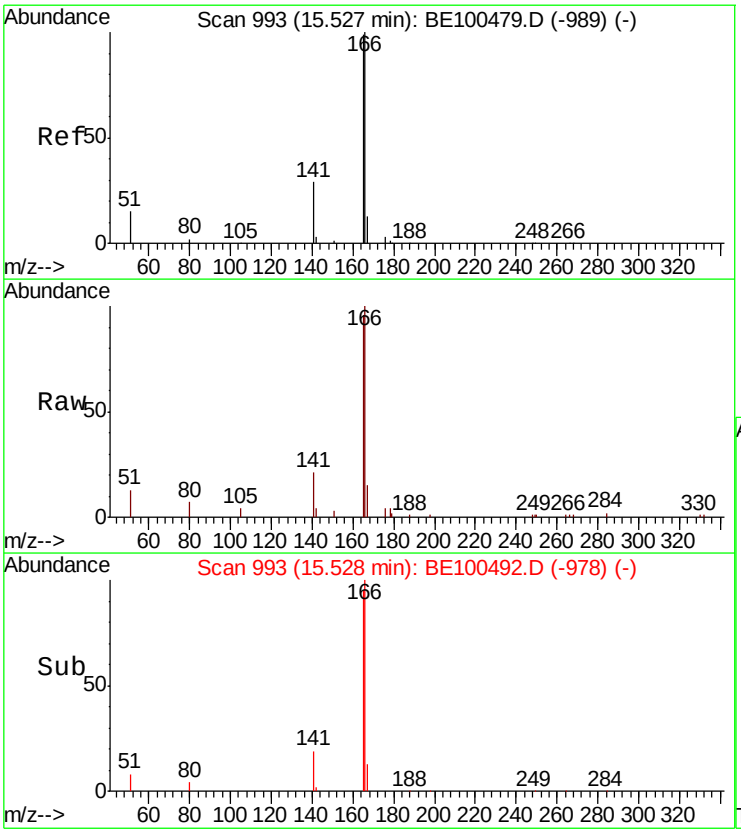
#17
Acenaphthene
Concen: 0.322 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:154 Resp: 5845

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.8	136.2
152	53.0	45.1	67.7

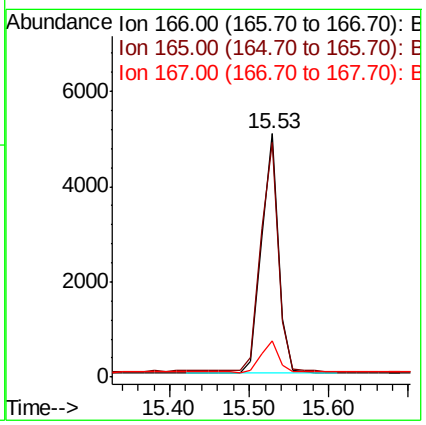


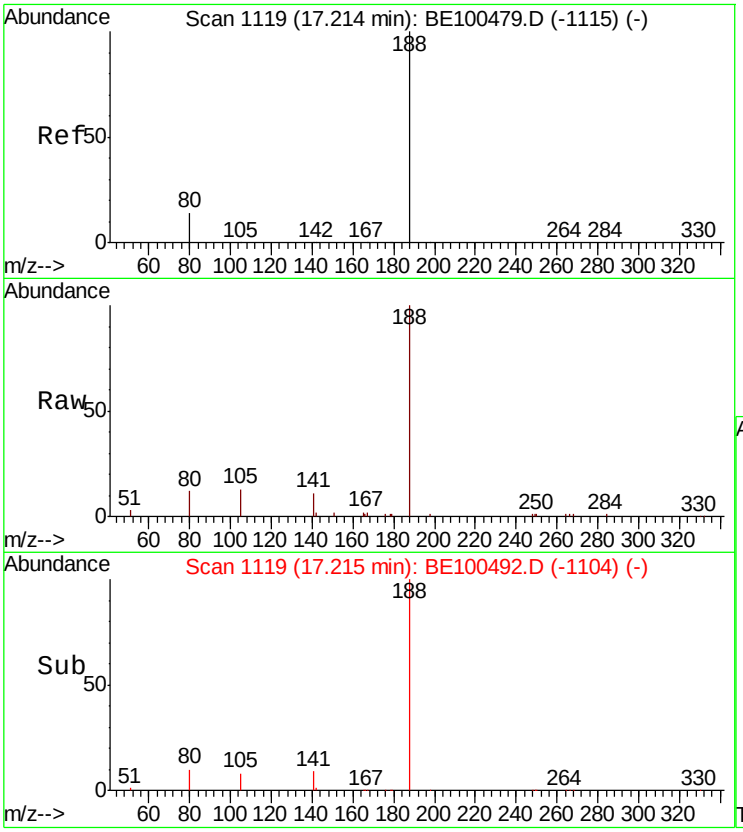


#18
Fluorene
Concen: 0.312 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:166 Resp: 7556

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.3	117.5
167	13.2	10.9	16.3



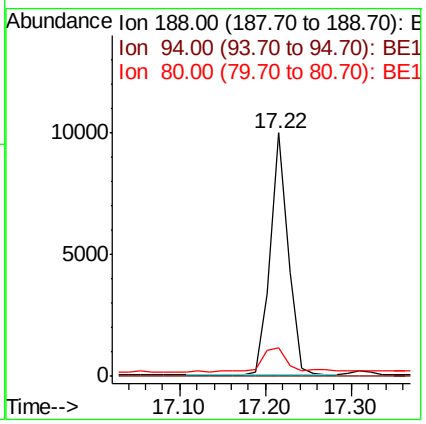


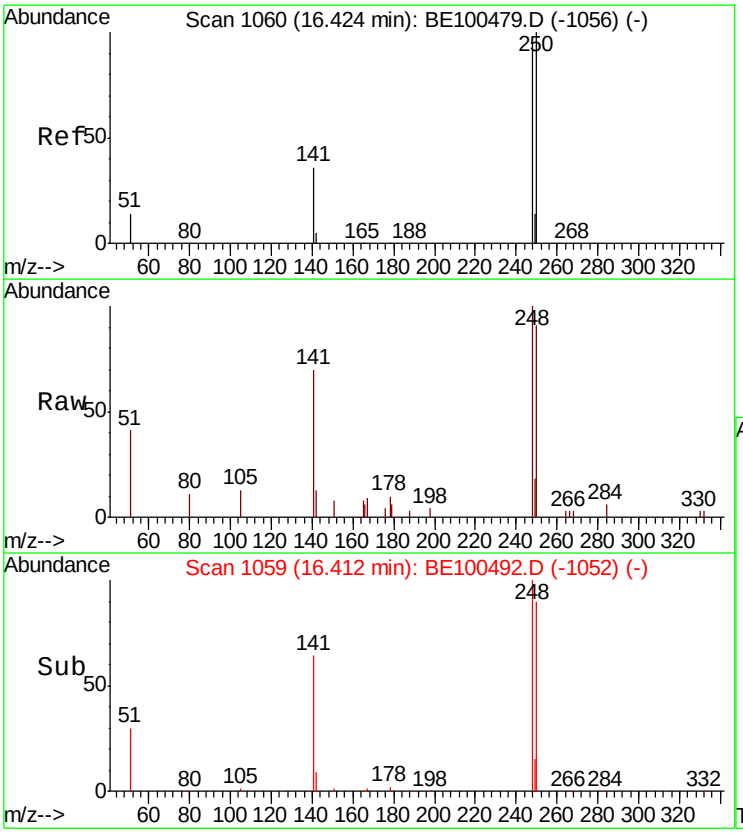
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:188 Resp: 14427

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

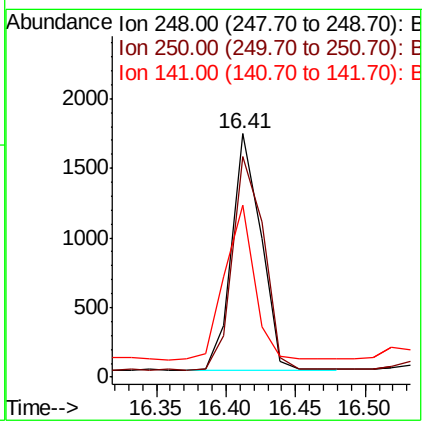


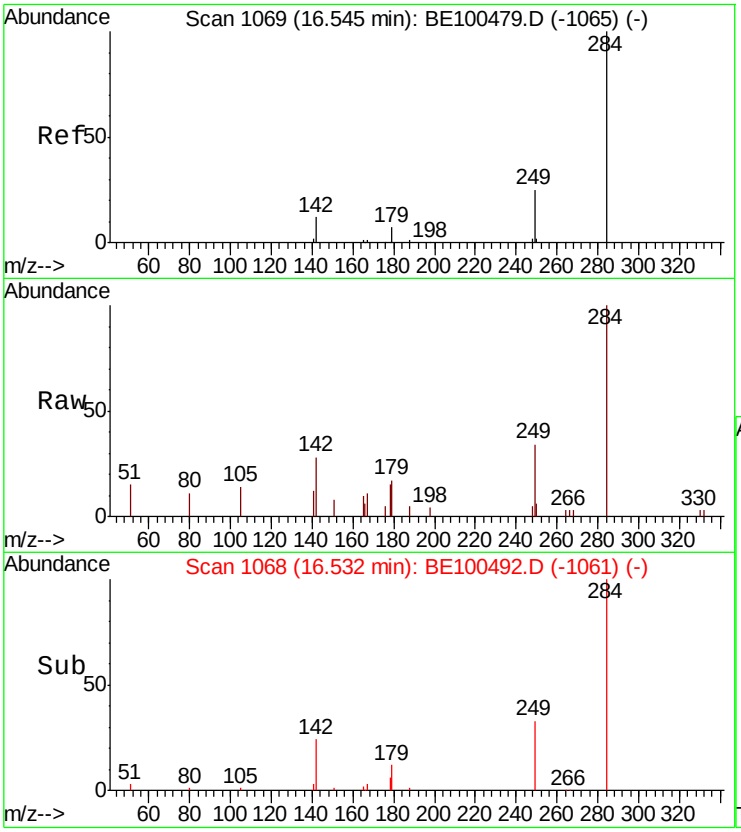


#20
4-Bromophenyl-phenylether
Concen: 0.355 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:248 Resp: 2434

Ion	Ratio	Lower	Upper
248	100		
250	90.7	84.4	126.6
141	70.4	32.2	48.2#



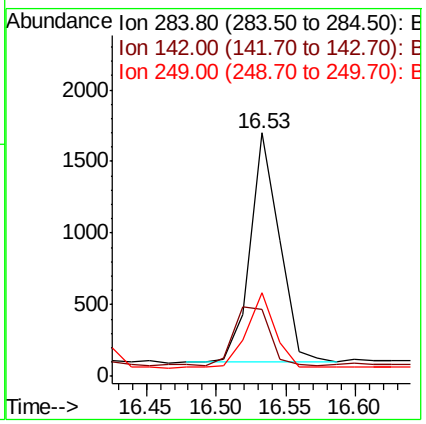


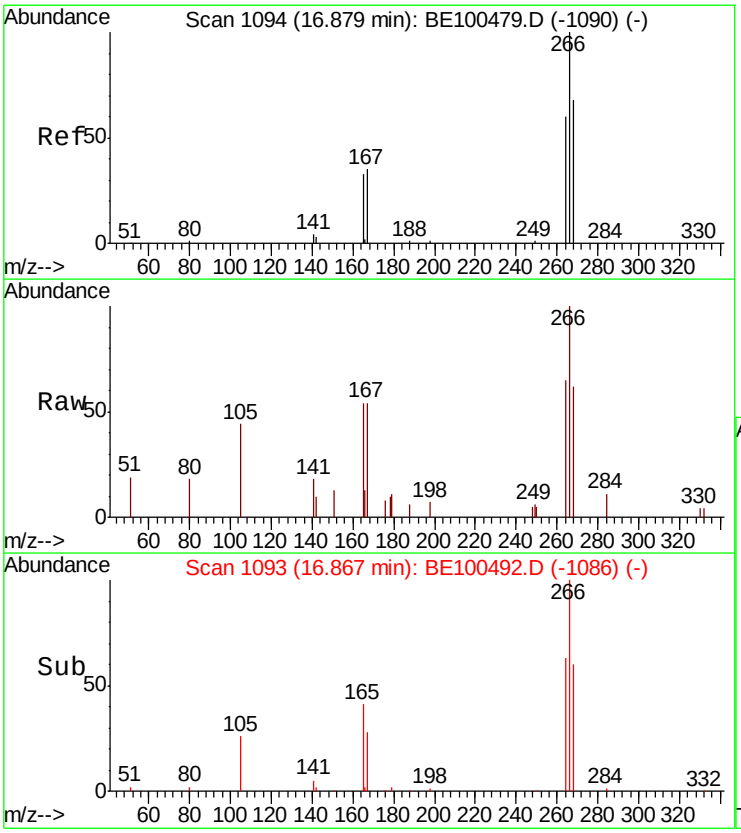
#21
Hexachlorobenzene
Concen: 0.330 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:284 Resp: 2333

Ion	Ratio	Lower	Upper
284	100		
142	31.1	26.7	40.1
249	30.9	25.0	37.4

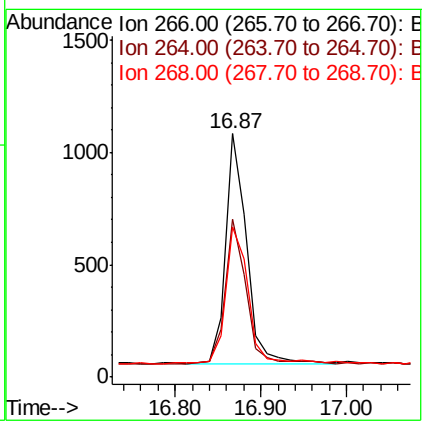


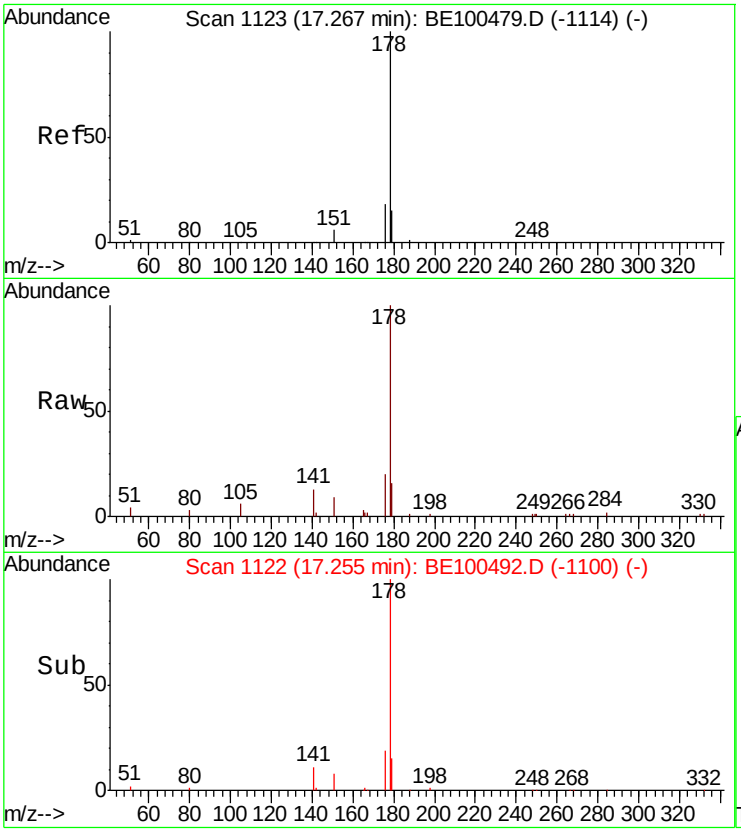


#22
Pentachlorophenol
Concen: 0.611 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:266 Resp: 1717

Ion	Ratio	Lower	Upper
266	100		
264	64.9	50.4	75.6
268	61.9	56.6	85.0



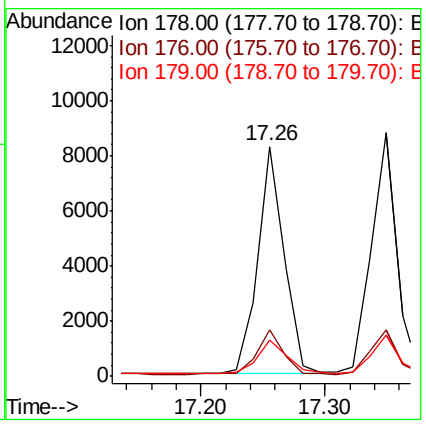


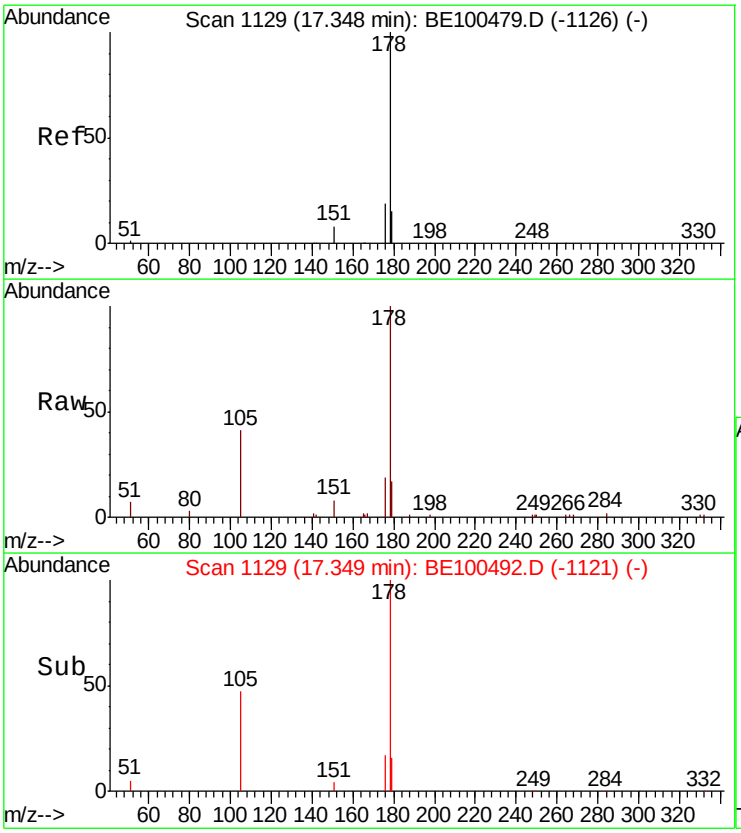
#23
Phenanthrene
Concen: 0.341 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:178 Resp: 12053

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.5	12.6	18.8

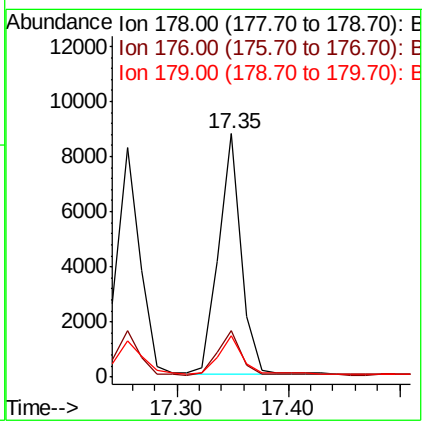


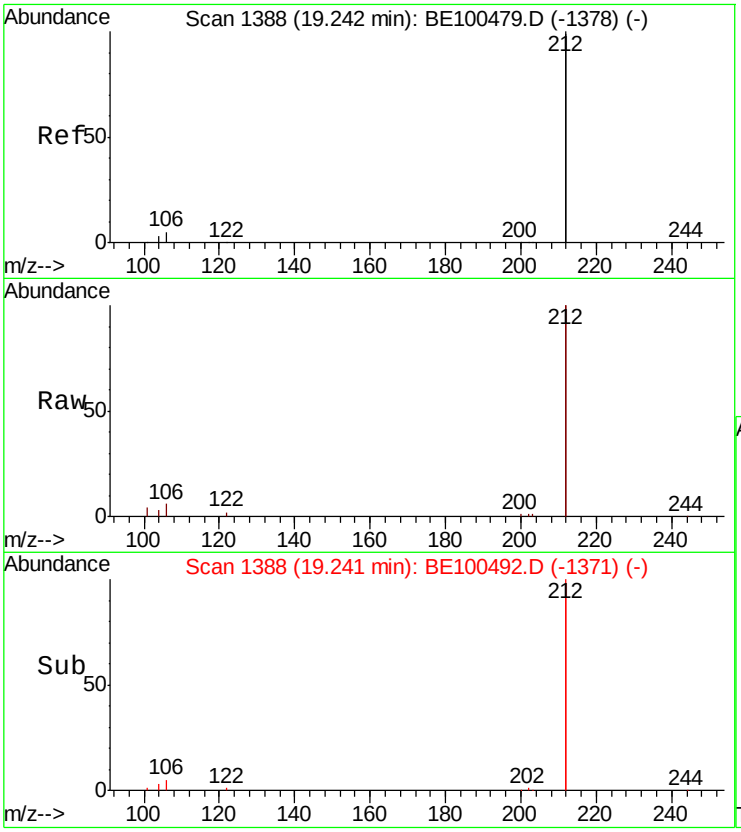


#24
Anthracene
Concen: 0.364 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:178 Resp: 12266

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	16.3	12.2	18.2



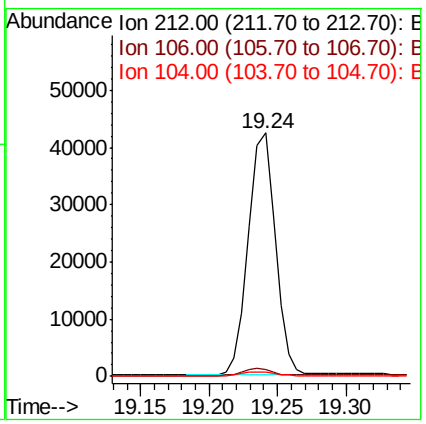


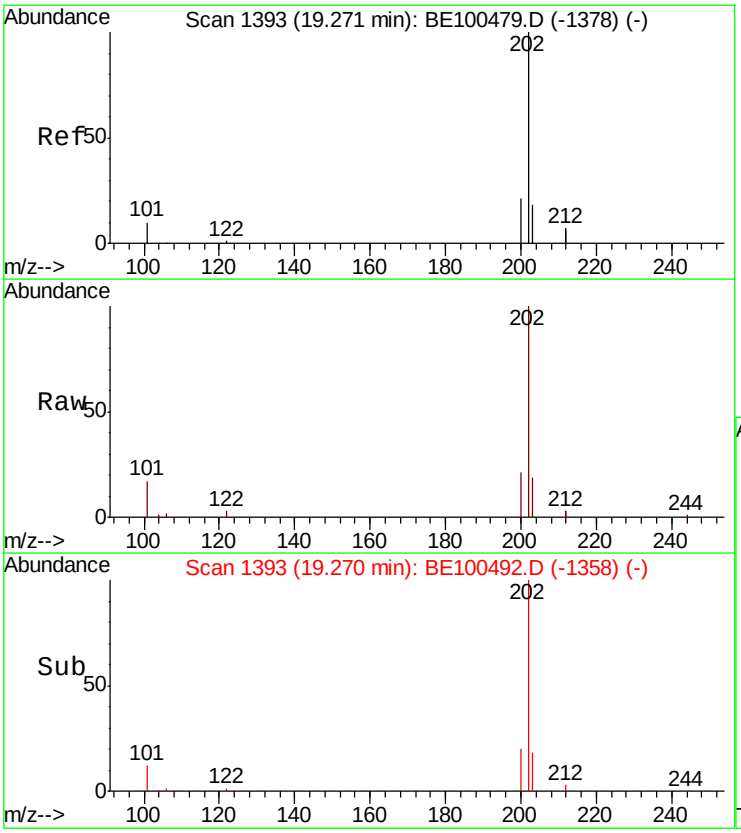
#25
Fluoranthene-d10
Concen: 0.292 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:212 Resp: 57744

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.2	3.4
104	1.8	1.2	1.8

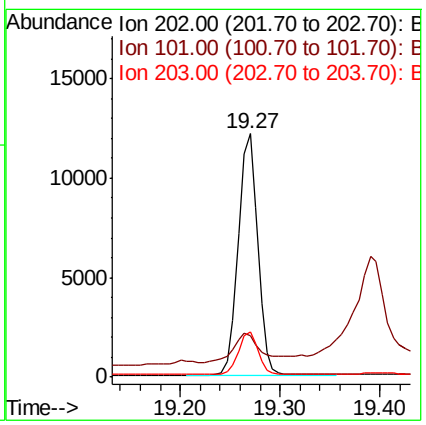


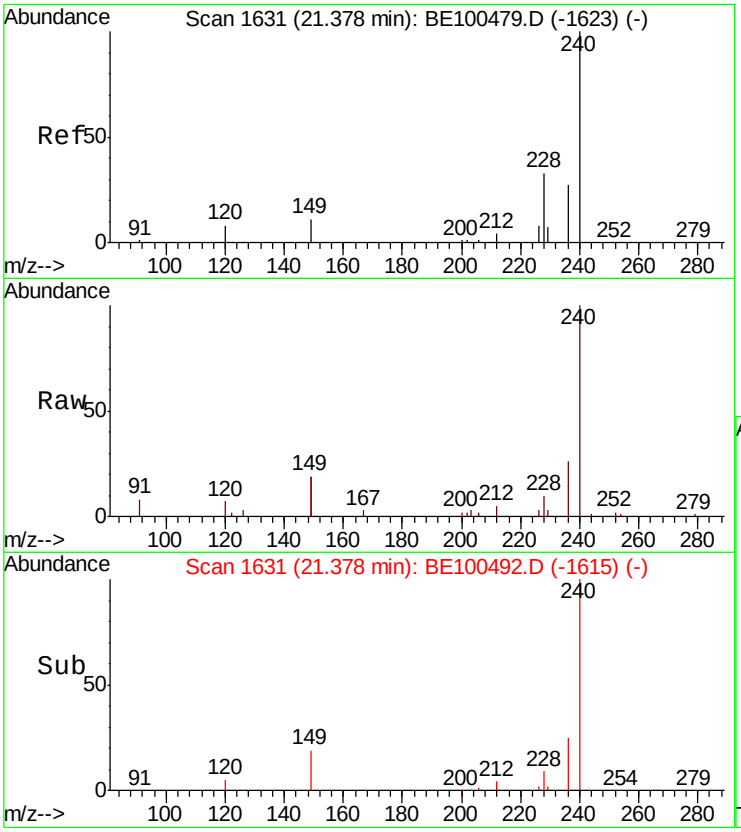


#26
Fluoranthene
Concen: 0.324 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:202 Resp: 16476

Ion	Ratio	Lower	Upper
202	100		
101	16.9	8.0	12.0#
203	17.8	13.5	20.3



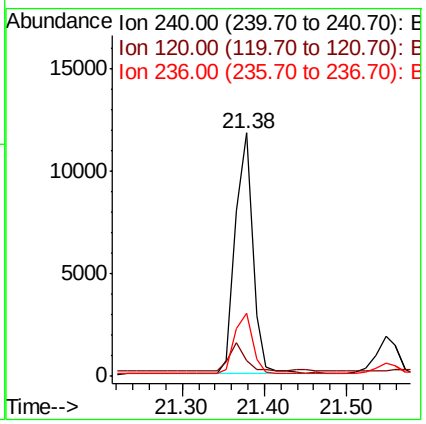


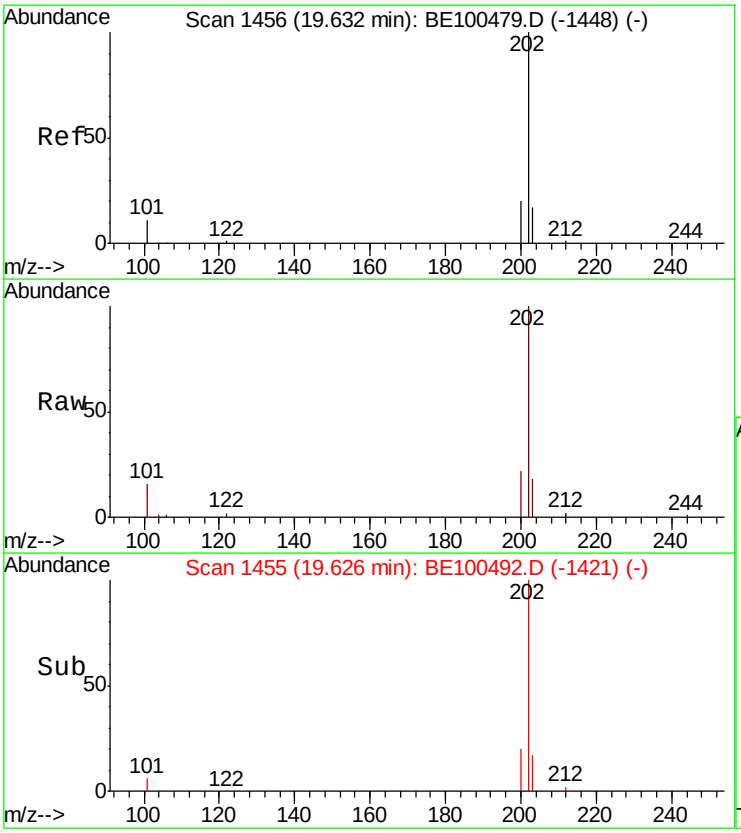
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:240 Resp: 17512

Ion	Ratio	Lower	Upper
240	100		
120	6.7	8.2	12.2#
236	25.8	22.6	34.0

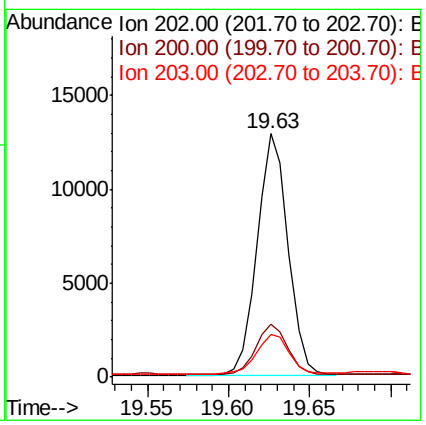


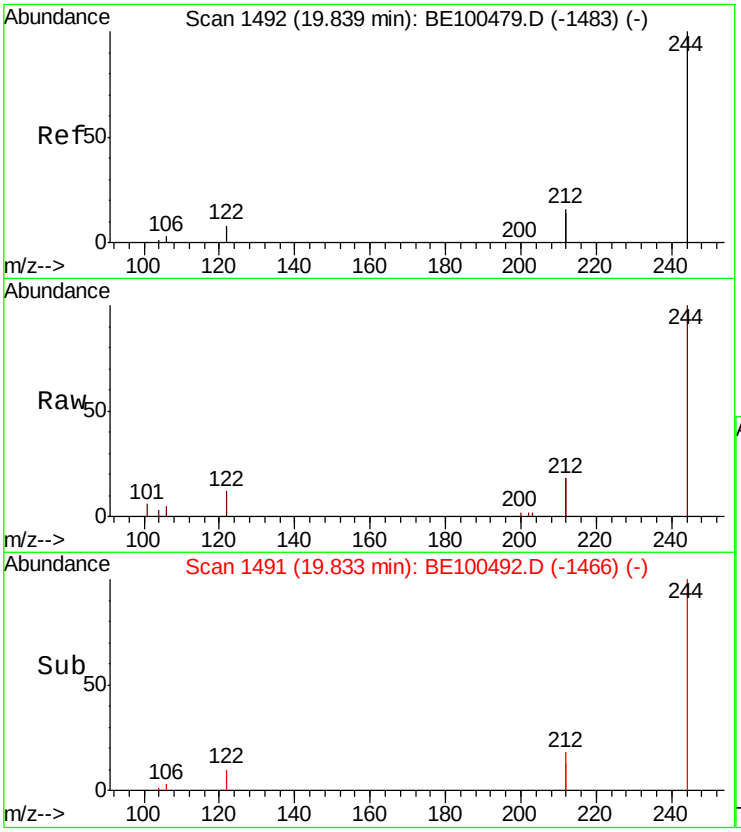


#28
Pyrene
Concen: 0.311 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:202 Resp: 16985

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	17.9	14.1	21.1



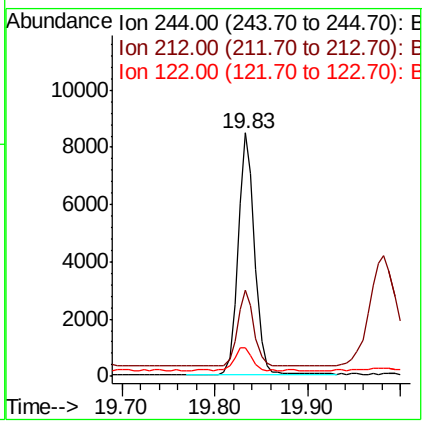


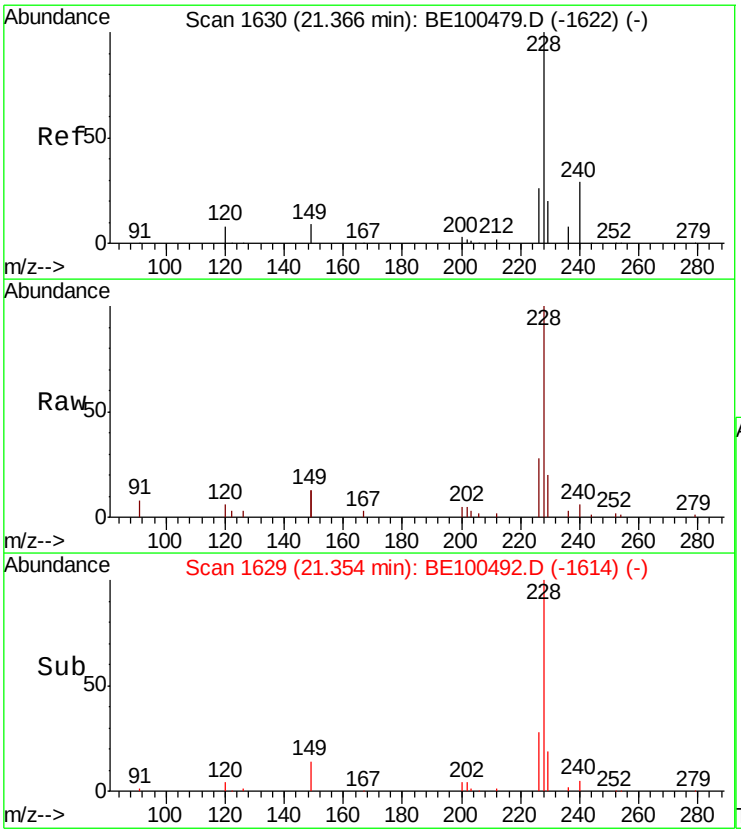
#29
Terphenyl-d14
Concen: 0.240 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:244 Resp: 10383

Ion	Ratio	Lower	Upper
244	100		
212	35.1	25.6	38.4
122	11.9	7.2	10.8#

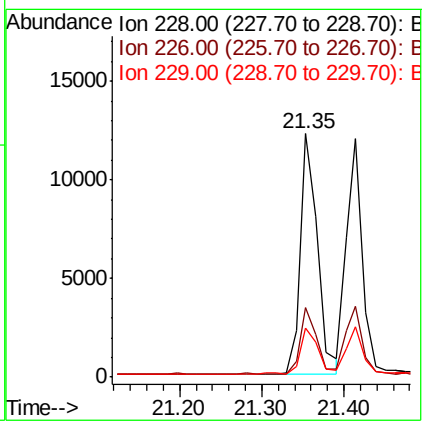


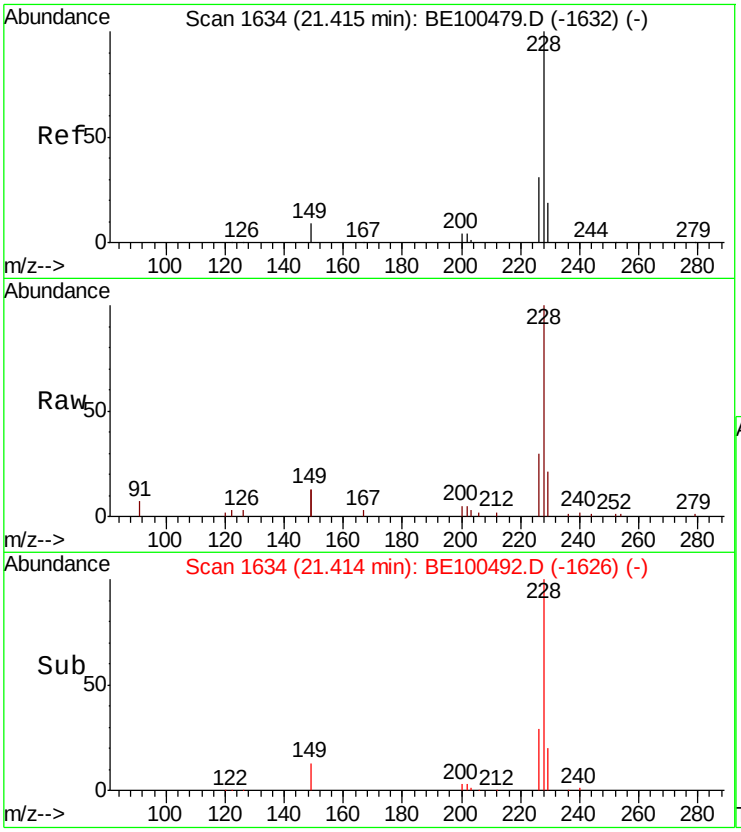


#30
Benzo(a)anthracene
Concen: 0.333 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:228 Resp: 17803

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.4	32.2
229	20.3	17.3	25.9



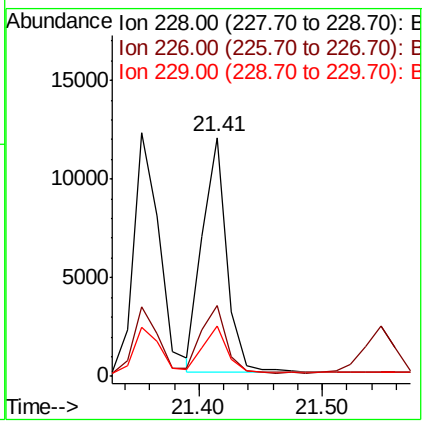


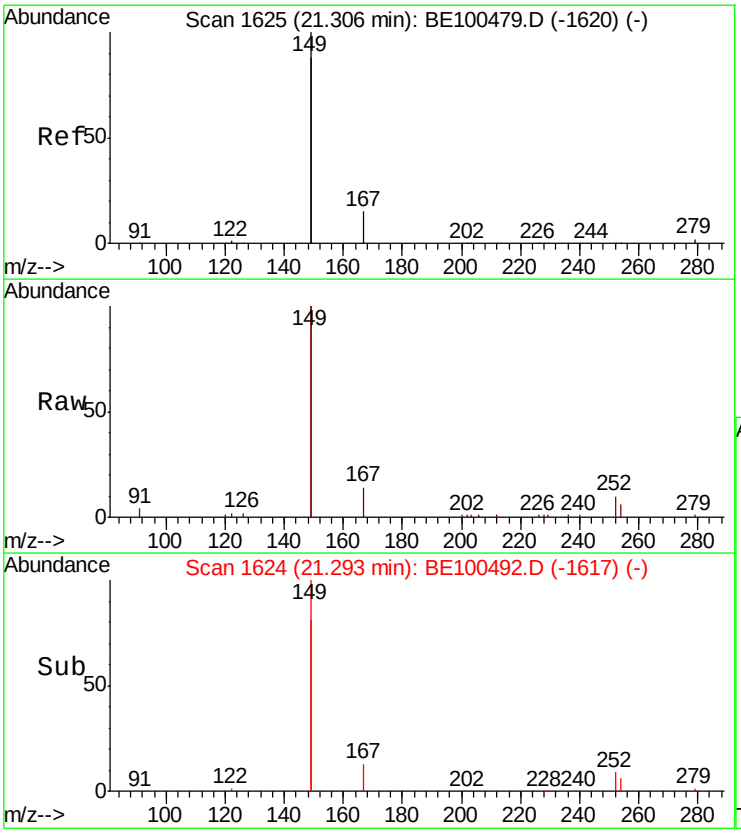
#31
Chrysene
Concen: 0.308 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:228 Resp: 16258

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	20.9	16.7	25.1

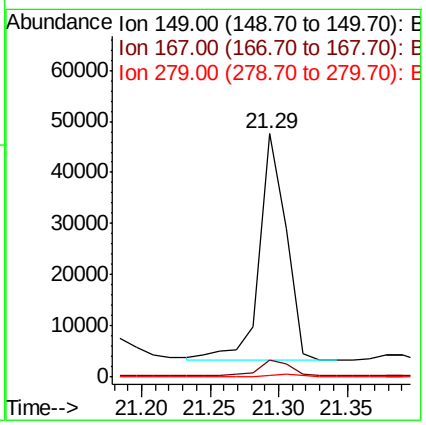


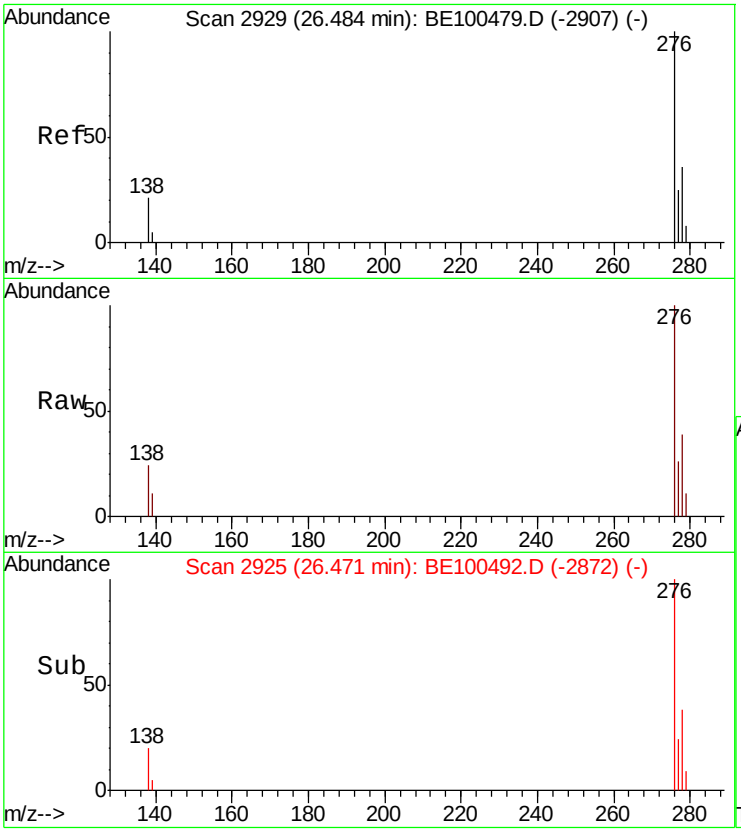


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.492 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:149 Resp: 60467

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



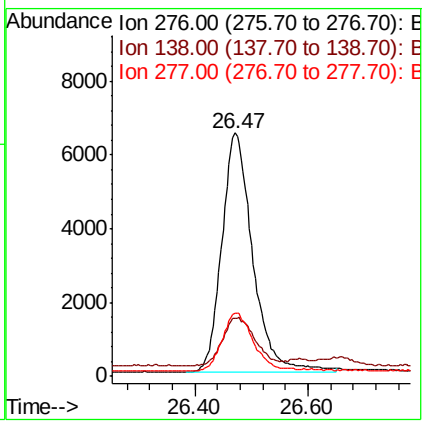


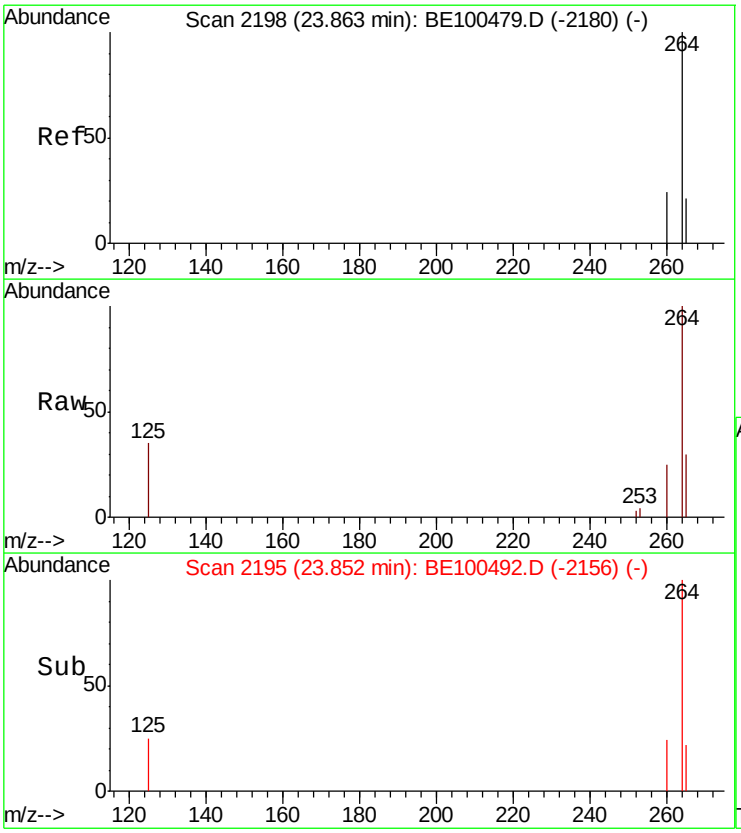
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:276 Resp: 24500

Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.6	25.0
277	24.3	19.1	28.7

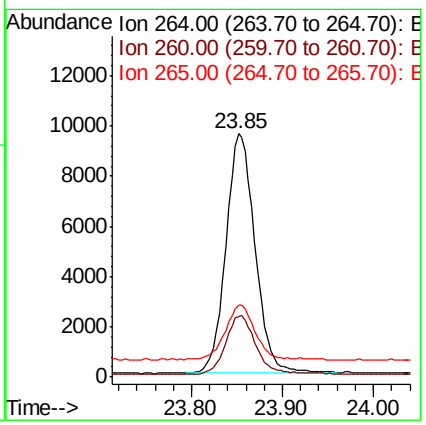


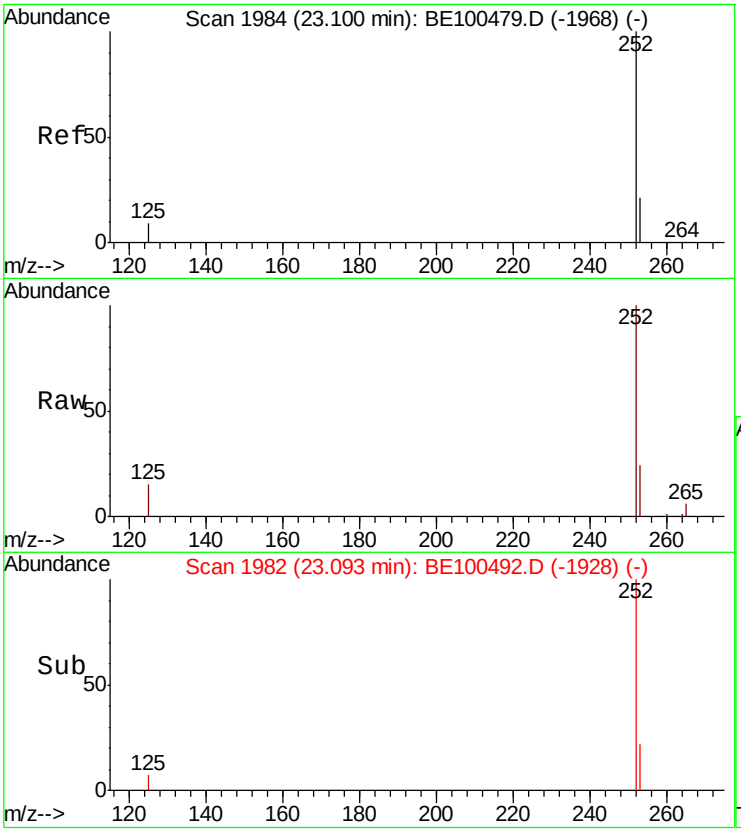


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:264 Resp: 21337

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.7	31.1
265	29.5	23.4	35.2



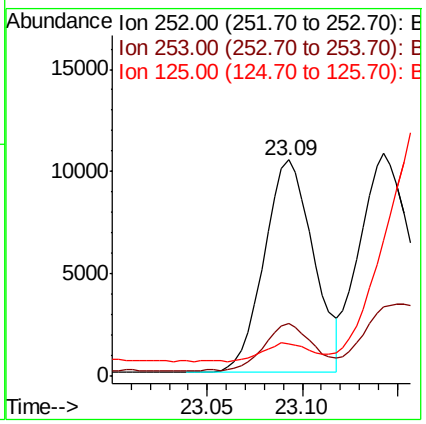


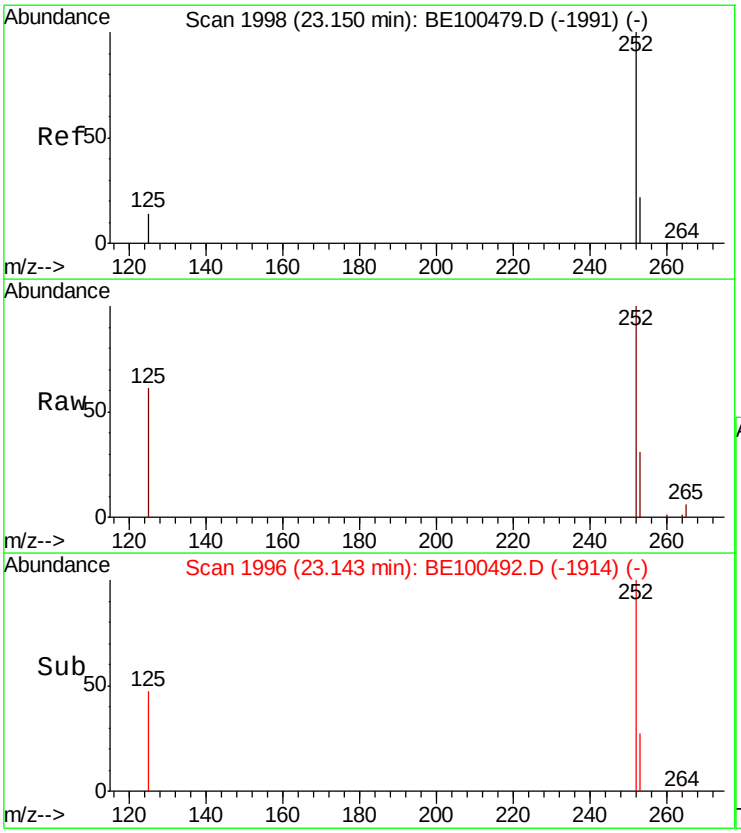
#35
Benzo(b)fluoranthene
Concen: 0.322 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:252 Resp: 18796

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.2	28.8
125	15.1	11.9	17.9

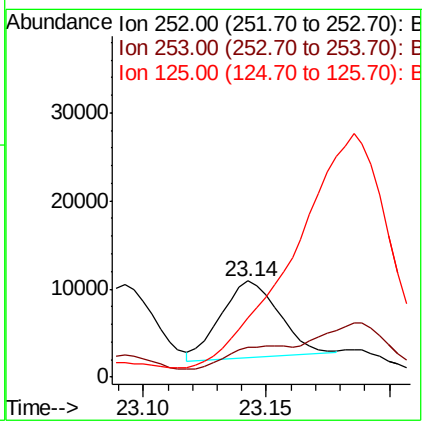


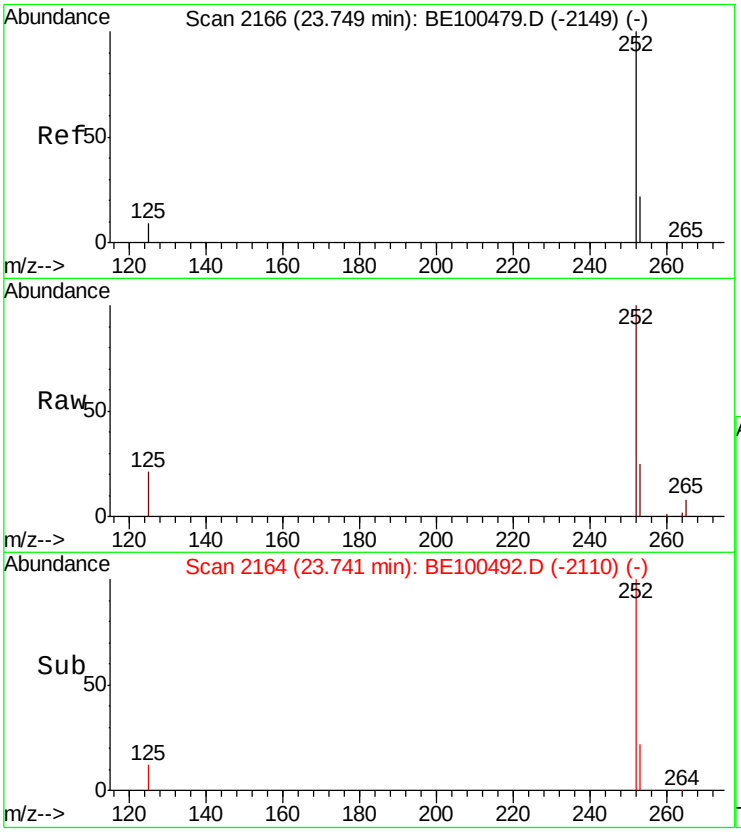


#36
Benzo(k)fluoranthene
Concen: 0.235 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:252 Resp: 14384

Ion	Ratio	Lower	Upper
252	100		
253	31.0	19.7	29.5#
125	61.0	15.2	22.8#



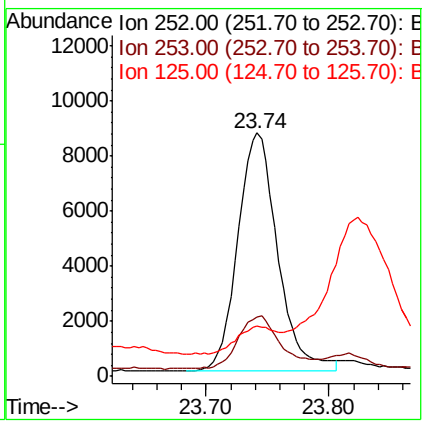


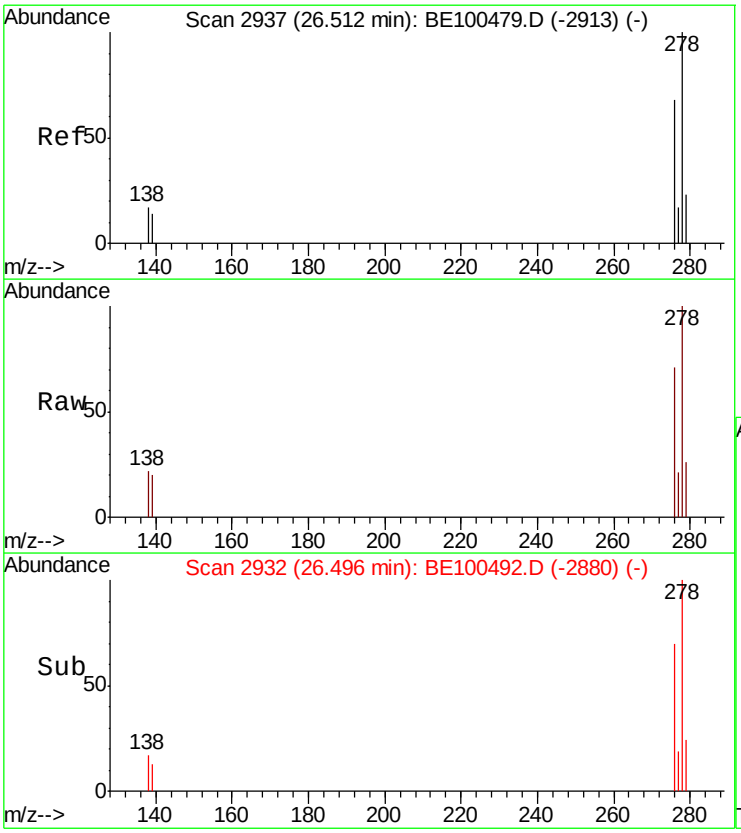
#37
Benzo(a)pyrene
Concen: 0.341 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:252 Resp: 19382

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.0	30.0
125	20.7	14.1	21.1

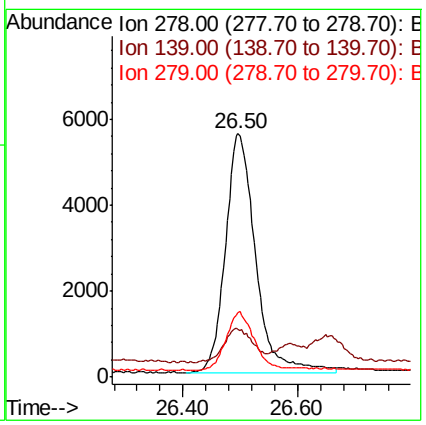


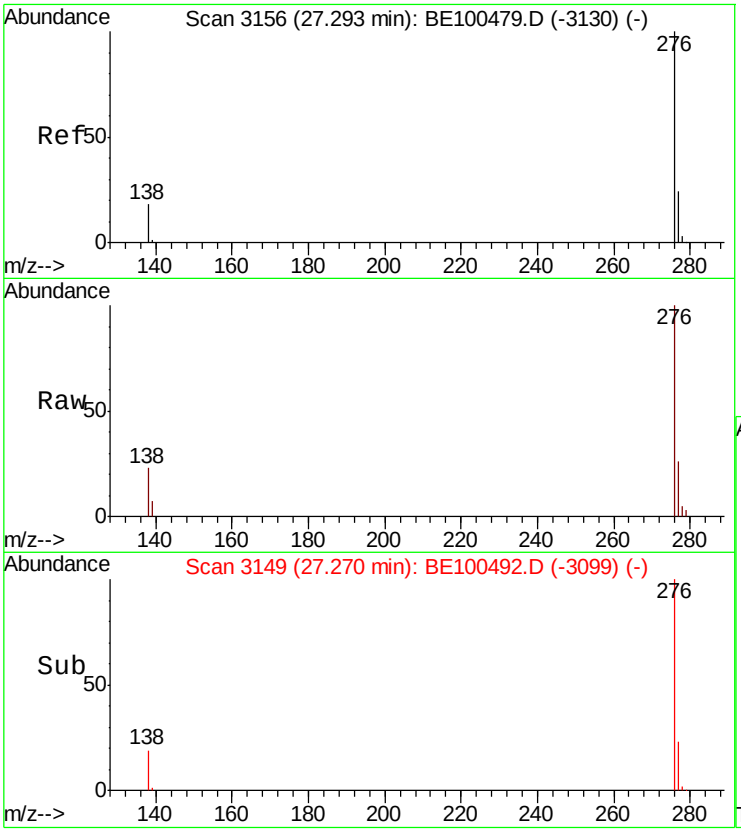


#38
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 26.50 min Scan# 2932
Delta R.T. -0.02 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion:278 Resp: 20216

Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.8	25.2
279	26.3	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 27.27 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tgt Ion:276 Resp: 21036

Ion	Ratio	Lower	Upper
276	100		
277	25.6	22.0	33.0
138	23.1	17.3	25.9