Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100504.D
Acq On : 23 Jul 2019 16:47
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 24 02:07:34 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	2816	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	11198	0.40	ng		-0.01
13) Acenaphthene-d10	14.50	164	6866	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	18150	0.40	ng		0.00
27) Chrysene-d12	21.38	240	19551	0.40	ng		0.00
34) Perylene-d12	23.85	264	21799	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	3100	0.45	ng		0.00
5) Phenol-d6	7.03	99	4307	0.44	ng		0.00
8) Nitrobenzene-d5	9.02	82	4288	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	7015	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	1427	0.48	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	10767	0.39	ng		0.00
25) Fluoranthene-d10	19.24	212	92085	0.37	ng		0.00
29) Terphenyl-d14	19.83	244	19421	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	1772	0.393	ng		99
3) n-Nitrosodimethylamine	3.67	42	1282	0.497	ng	#	97
6) bis(2-Chloroethyl)ether	7.29	93	3432	0.408	ng		97
9) Naphthalene	10.70	128	41983	0.390	ng		100
10) Hexachlorobutadiene	11.00	225	2003	0.390	ng		98
12) 2-Methylnaphthalene	12.32	142	7248	0.375	ng		98
16) Acenaphthylene	14.21	152	12446	0.392	ng		99
17) Acenaphthene	14.56	154	7238	0.379	ng		98
18) Fluorene	15.53	166	9917	0.389	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	3343	0.387	ng	#	81
21) Hexachlorobenzene	16.53	284	3315	0.373	ng		97
22) Pentachlorophenol	16.87	266	1695	0.512	ng		94
23) Phenanthrene	17.25	178	17414	0.392	ng		100
24) Anthracene	17.35	178	16534	0.390	ng		99
26) Fluoranthene	19.26	202	23920	0.373	ng		99
28) Pyrene	19.63	202	24984	0.410	ng		100
30) Benzo(a)anthracene	21.35	228	23293	0.390	ng		97
31) Chrysene	21.41	228	23901	0.406	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	57544	0.420	ng		99
33) Indeno(1,2,3-cd)pyrene	26.47	276	26469	0.412	ng		100
35) Benzo(b)fluoranthene	23.09	252	23348	0.391	ng	#	96
36) Benzo(k)fluoranthene	23.14	252	24072	0.385	ng		98
37) Benzo(a)pyrene	23.74	252	22668	0.391	ng	#	94
38) Dibenzo(a,h)anthracene	26.50	278	21435	0.391	ng		94
39) Benzo(g,h,i)perylene	27.27	276	21763	0.388	ng		97

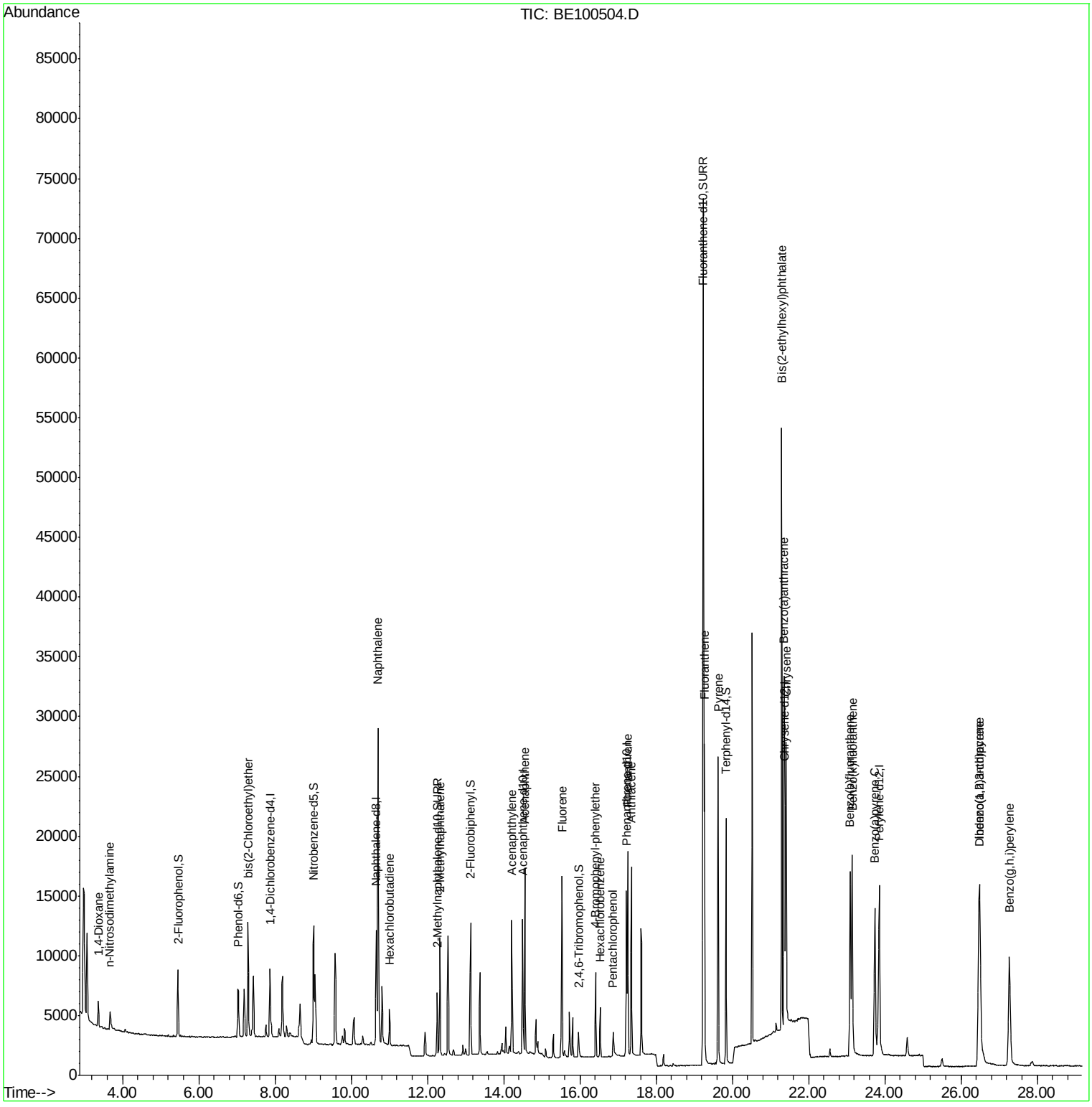
(#) = qualifier out of range (m) = manual integration (+) = signals summed

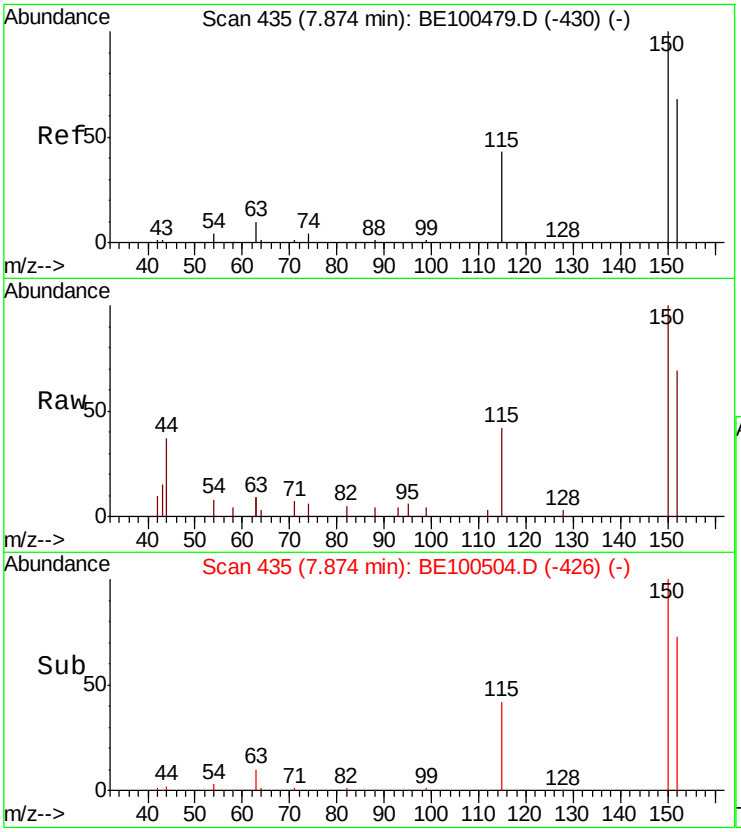
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100504.D
Acq On : 23 Jul 2019 16:47
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 24 02:07:34 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



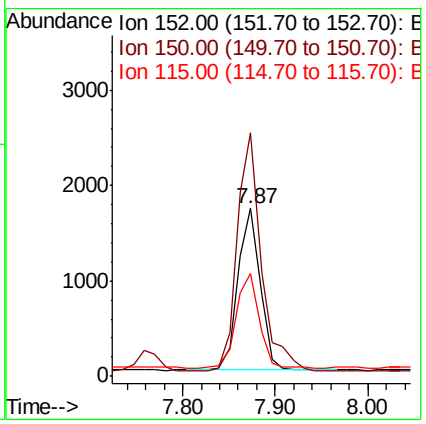


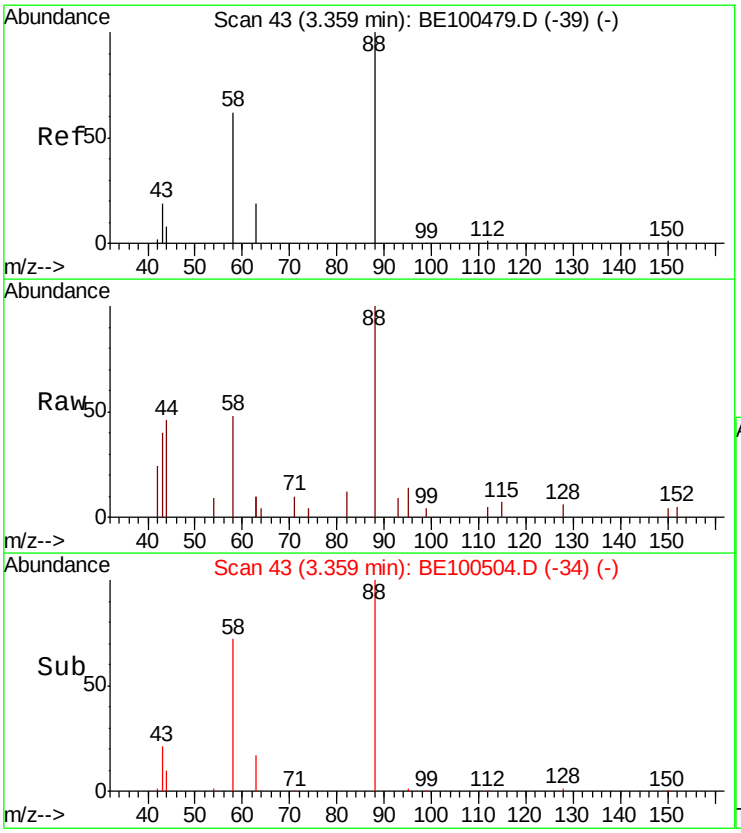
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2816

Ion	Ratio	Lower	Upper
152	100		
150	145.1	115.0	172.6
115	61.4	52.9	79.3

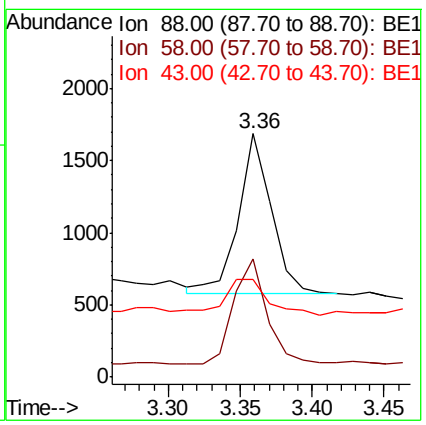


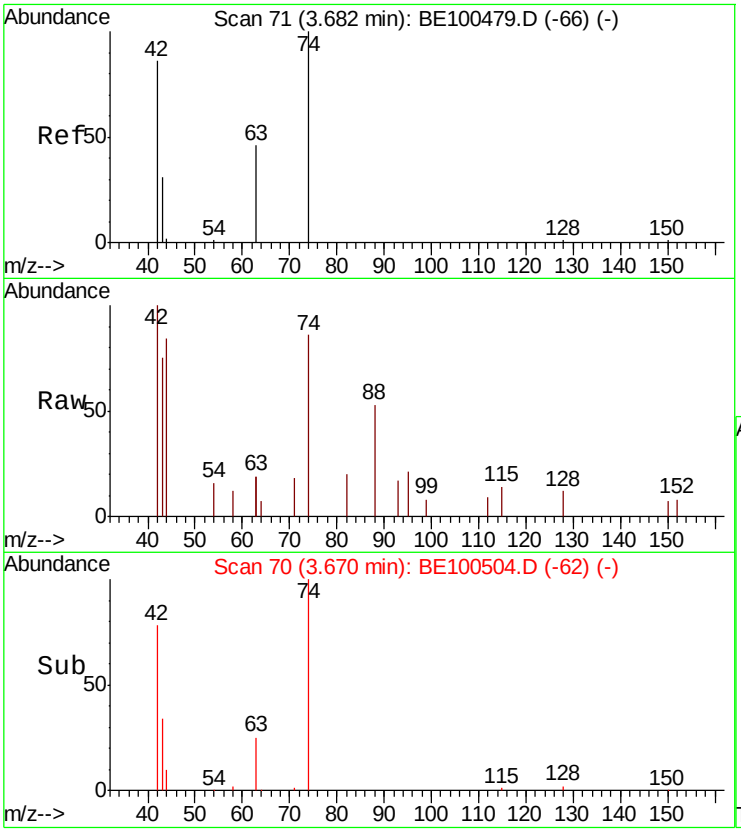


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion: 88 Resp: 1772

Ion	Ratio	Lower	Upper
88	100		
58	66.9	53.2	79.8
43	28.0	20.8	31.2



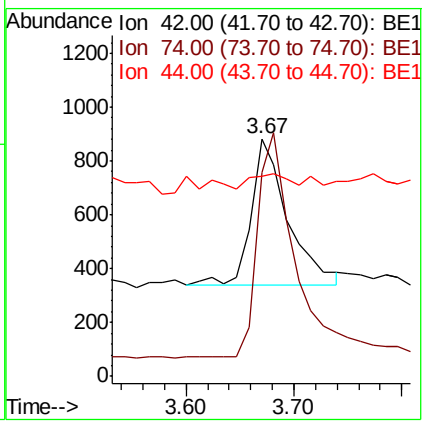


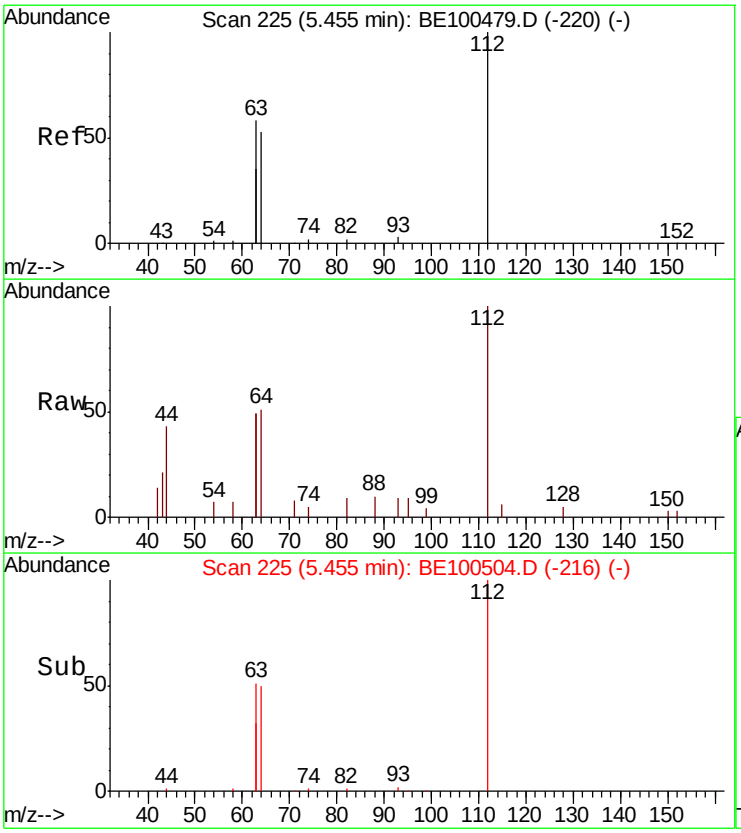
#3
n-Nitrosodimethylamine
Concen: 0.497 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1282

Ion	Ratio	Lower	Upper
42	100		
74	150.5	0.0	0.0#
44	10.9	9.6	14.4

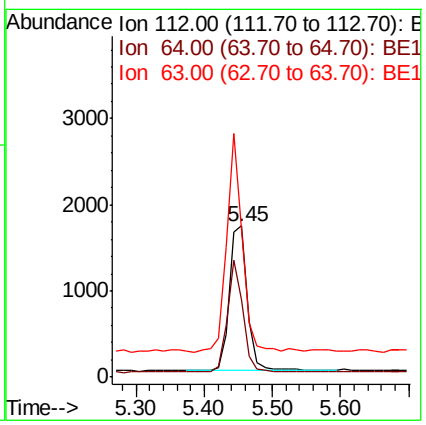


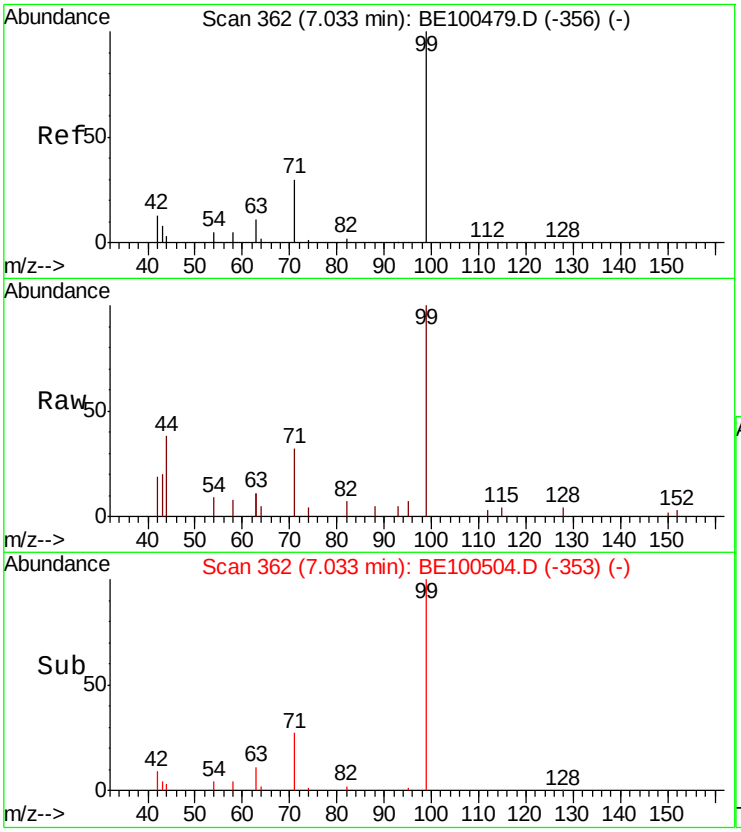


#4
2-Fluorophenol
Concen: 0.451 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:112 Resp: 3100

Ion	Ratio	Lower	Upper
112	100		
64	67.6	54.1	81.1
63	131.6	104.6	157.0



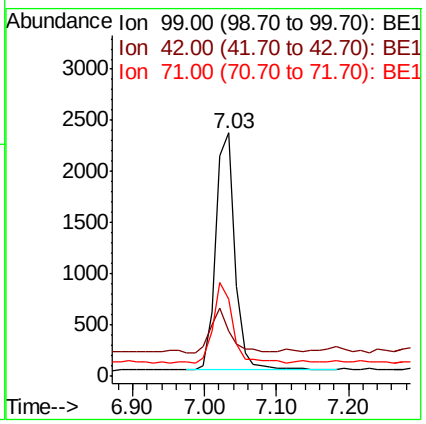


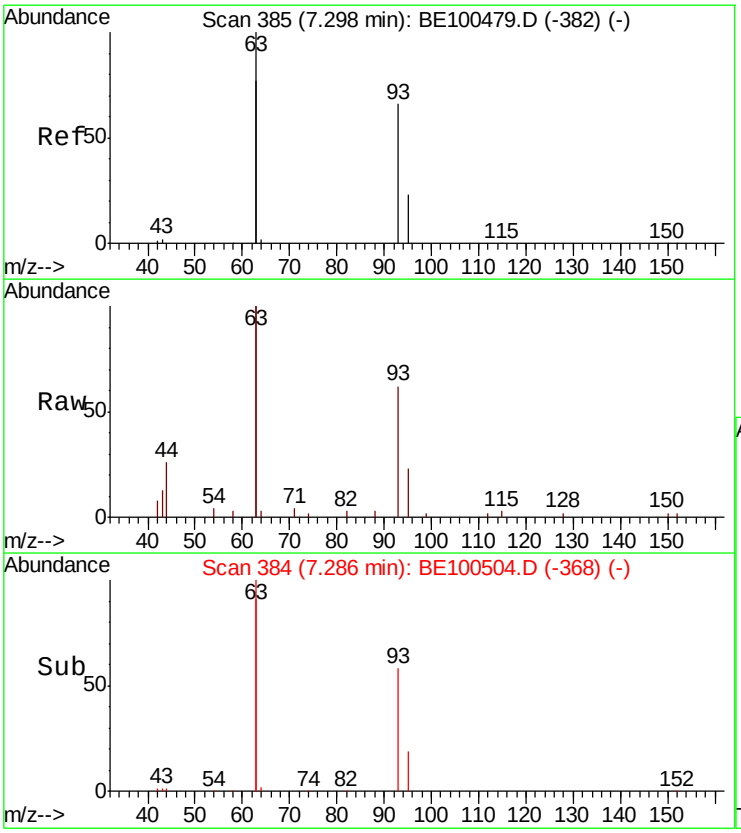
#5
Phenol-d6
Concen: 0.439 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4307

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	34.5	26.4	39.6

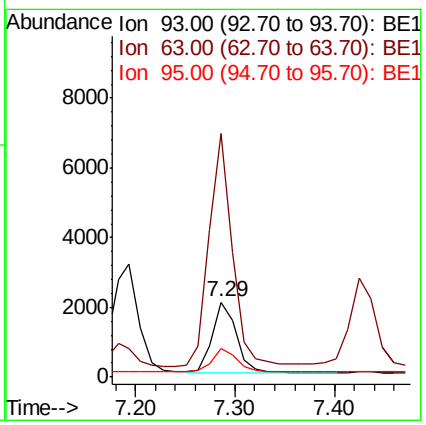


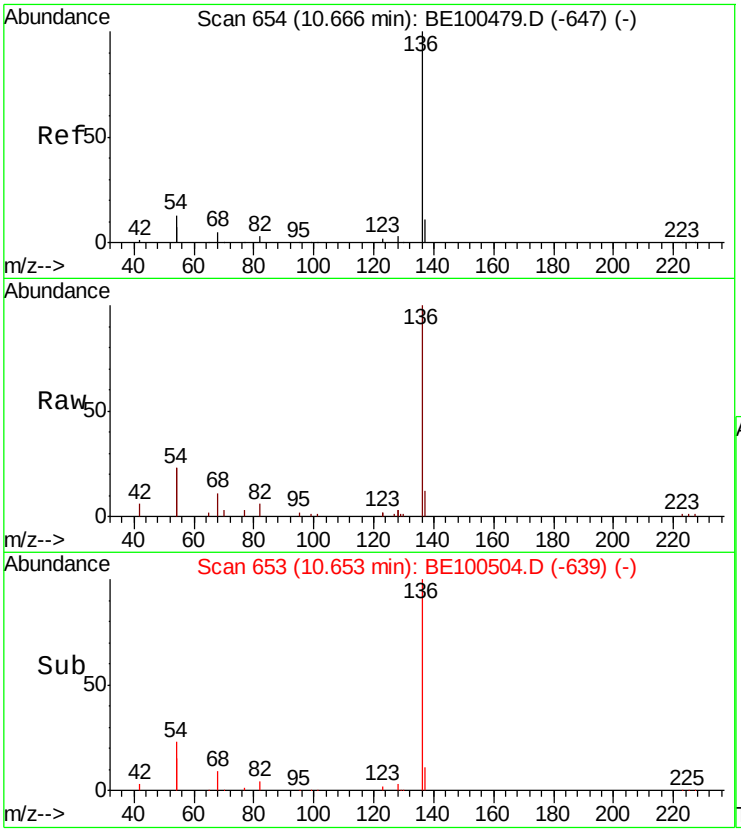


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion: 93 Resp: 3432

Ion	Ratio	Lower	Upper
93	100		
63	315.7	248.3	372.5
95	33.5	25.4	38.0



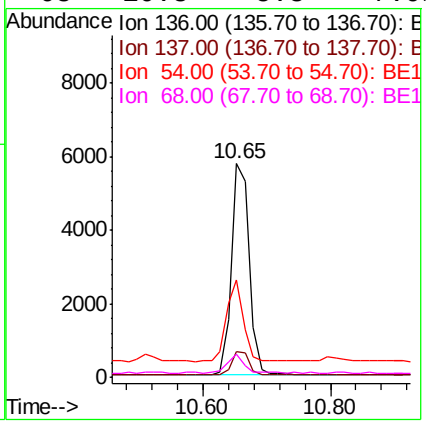


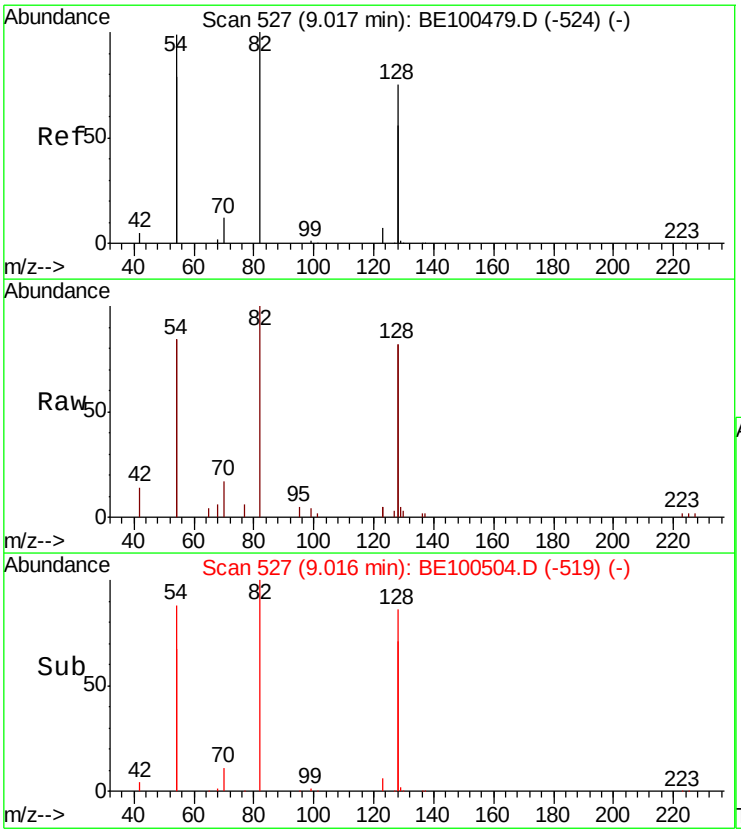
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 11198

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.6
54	45.8	20.6	31.0#
68	10.8	5.3	7.9#

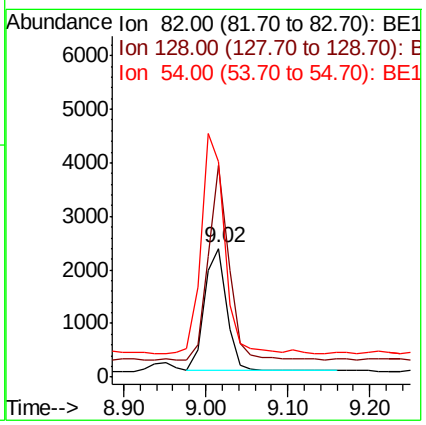


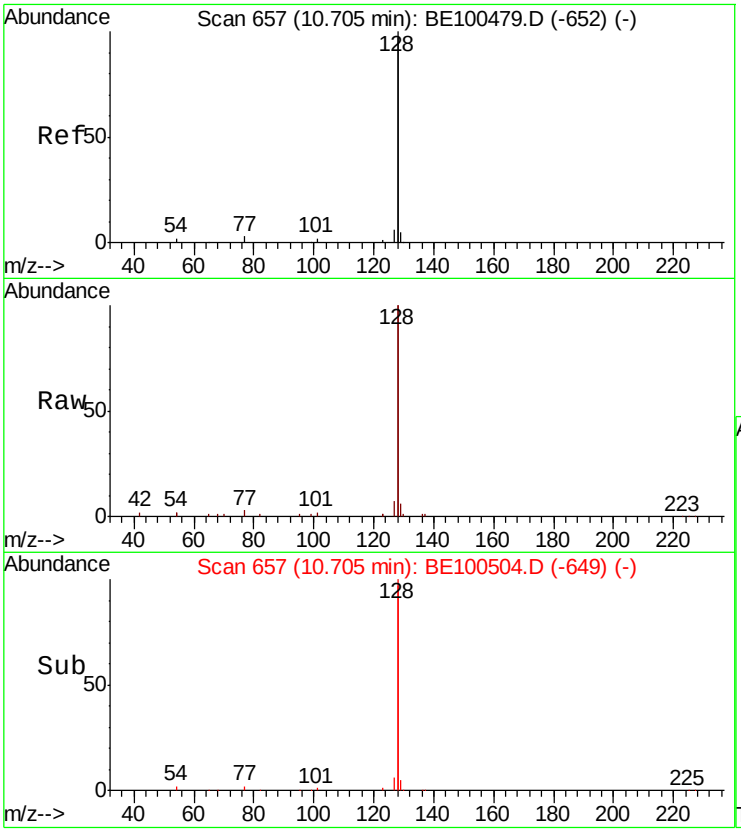


#8
Nitrobenzene-d5
Concen: 0.461 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion: 82 Resp: 4288

Ion	Ratio	Lower	Upper
82	100		
128	163.9	113.6	170.4
54	167.4	150.6	226.0



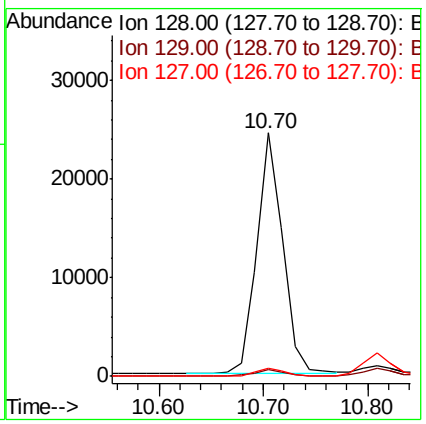


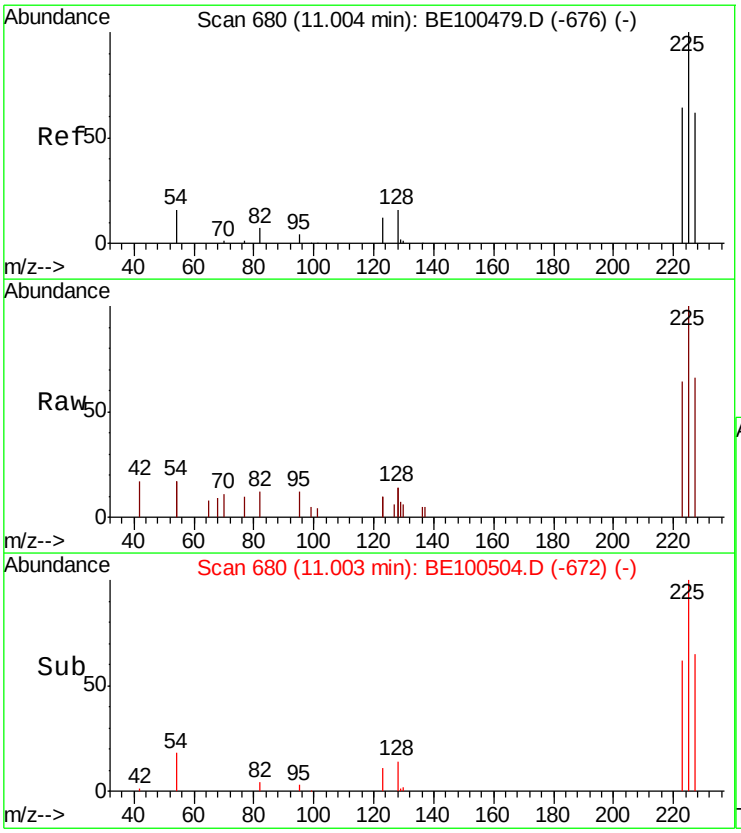
#9
Naphthalene
Concen: 0.390 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 41983

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.5	2.7	4.1

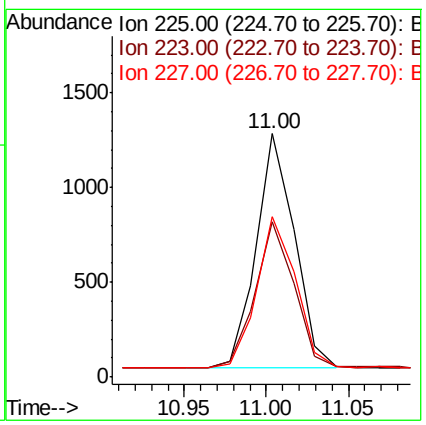


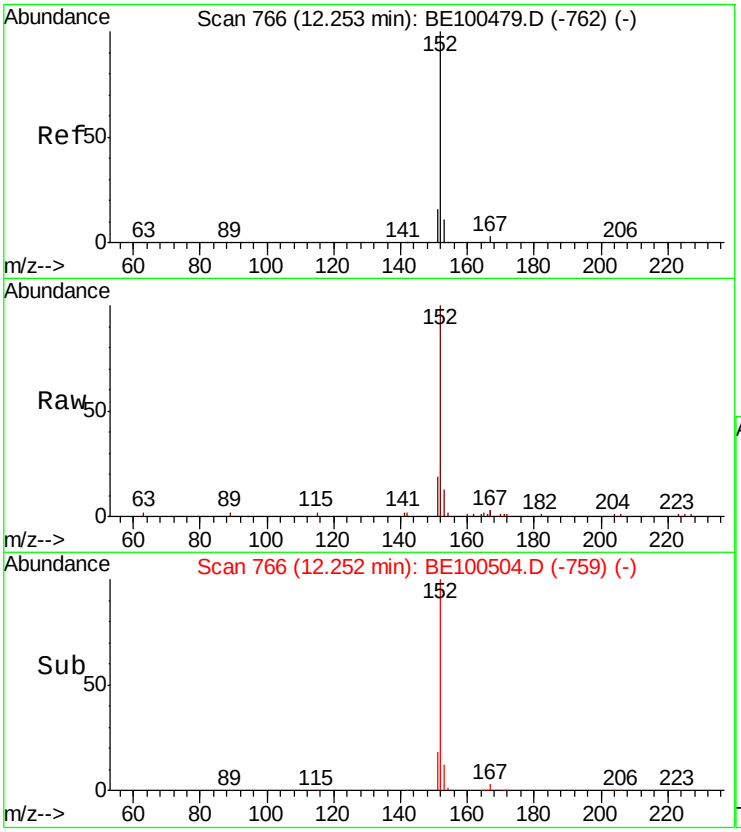


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:225 Resp: 2003

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	65.9	51.4	77.2



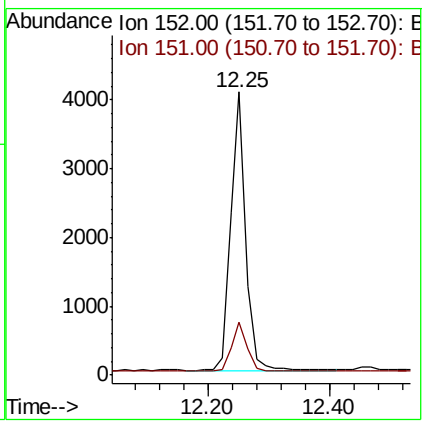


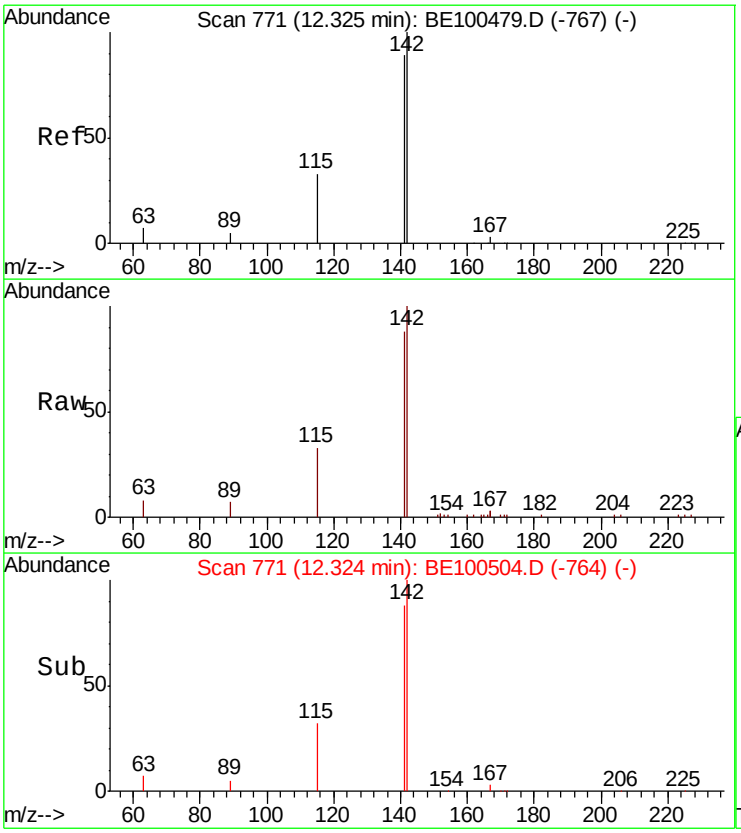
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7015

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

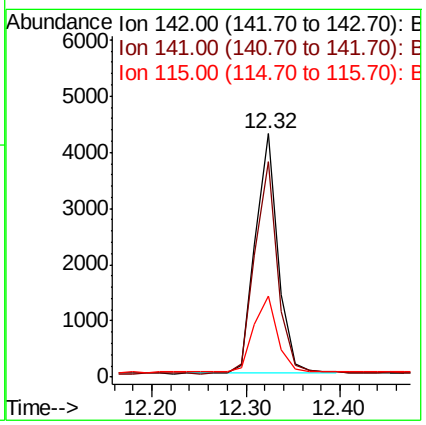


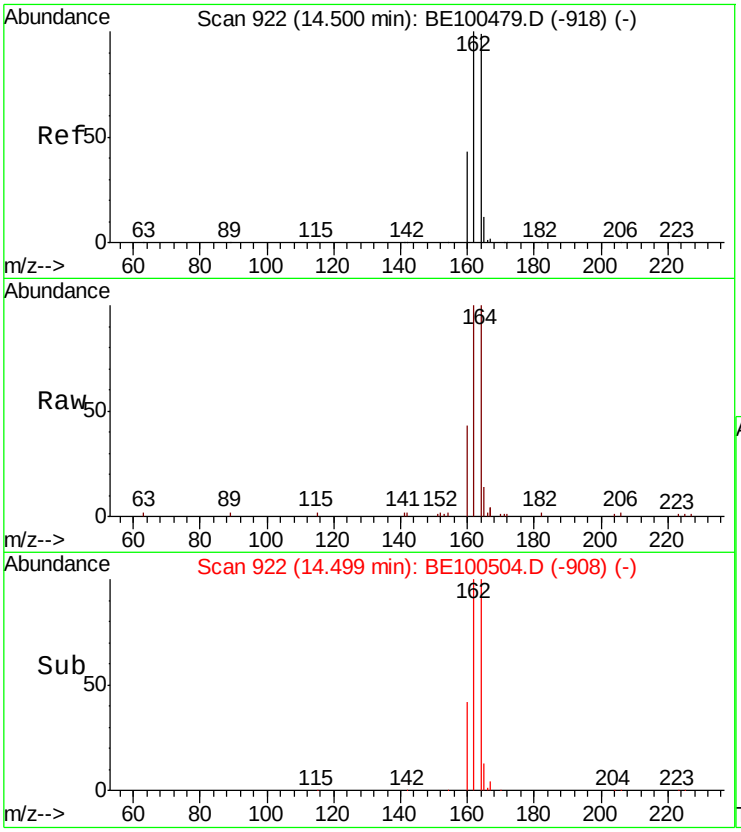


#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:142 Resp: 7248

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	33.4	27.8	41.6



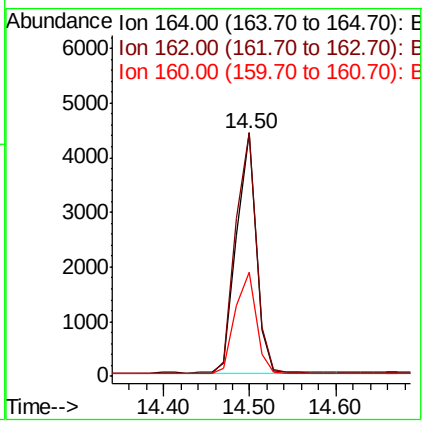


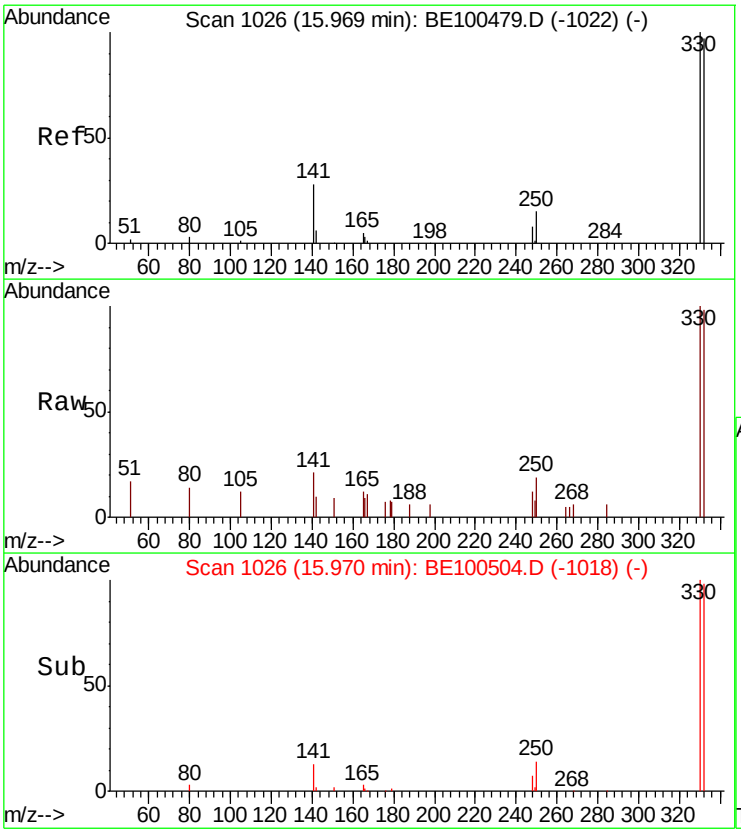
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 6866

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.8	121.2
160	42.6	34.9	52.3

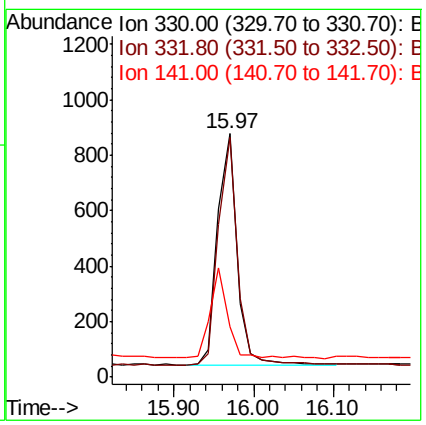


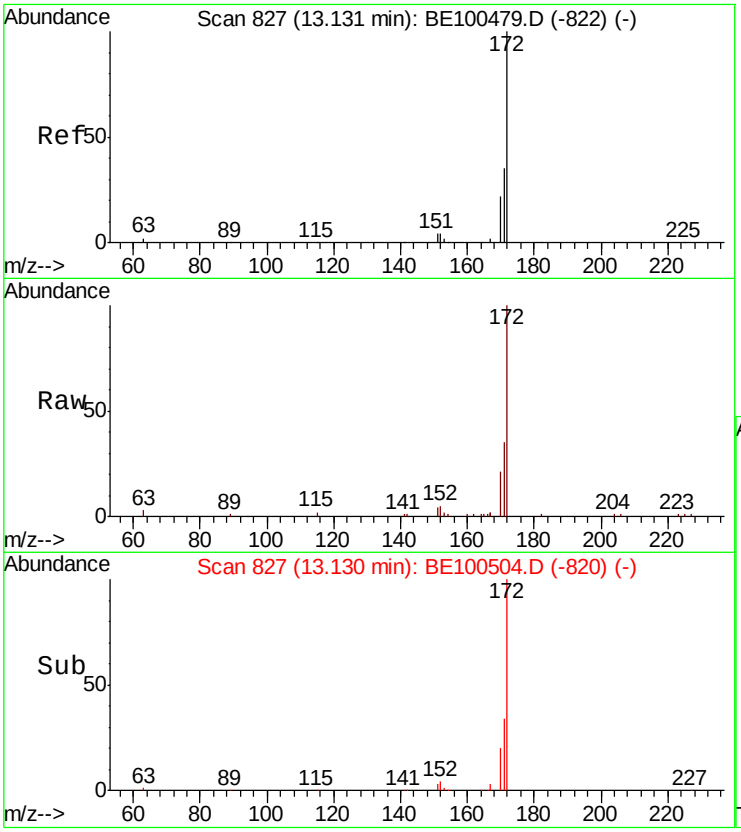


#14
2,4,6-Tribromophenol
Concen: 0.479 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:330 Resp: 1427

Ion	Ratio	Lower	Upper
330	100		
332	96.8	80.5	120.7
141	36.7	29.9	44.9



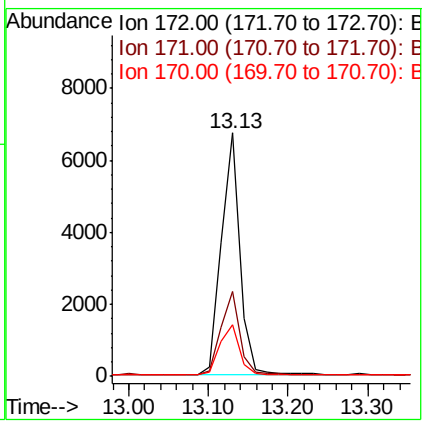


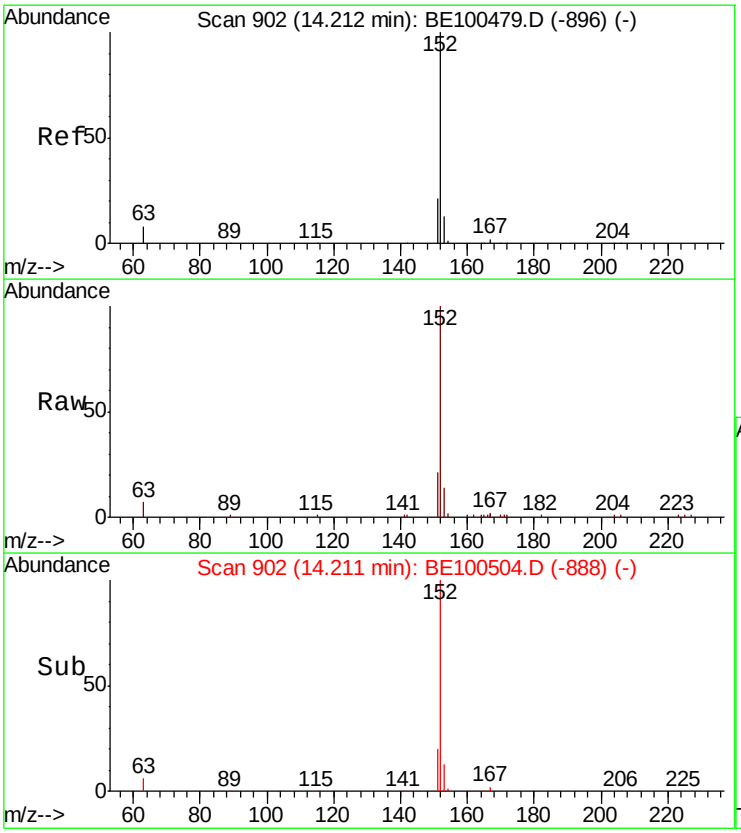
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 10767

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	21.1	17.8	26.8

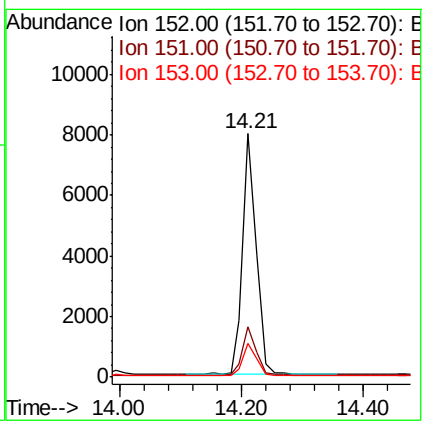


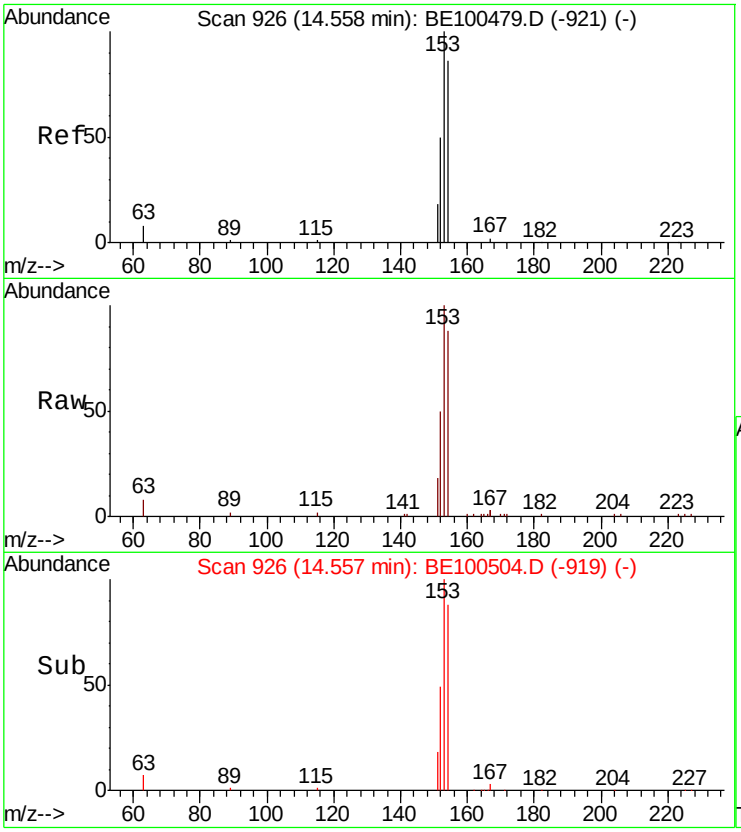


#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:152 Resp: 12446

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	12.9	10.6	16.0



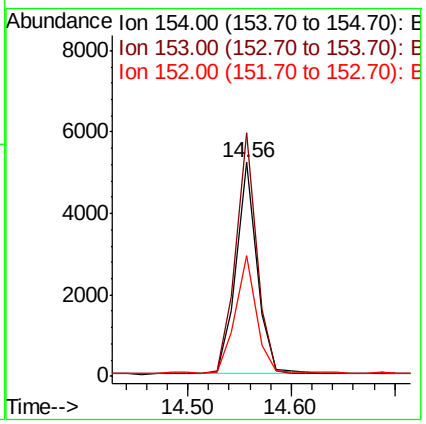


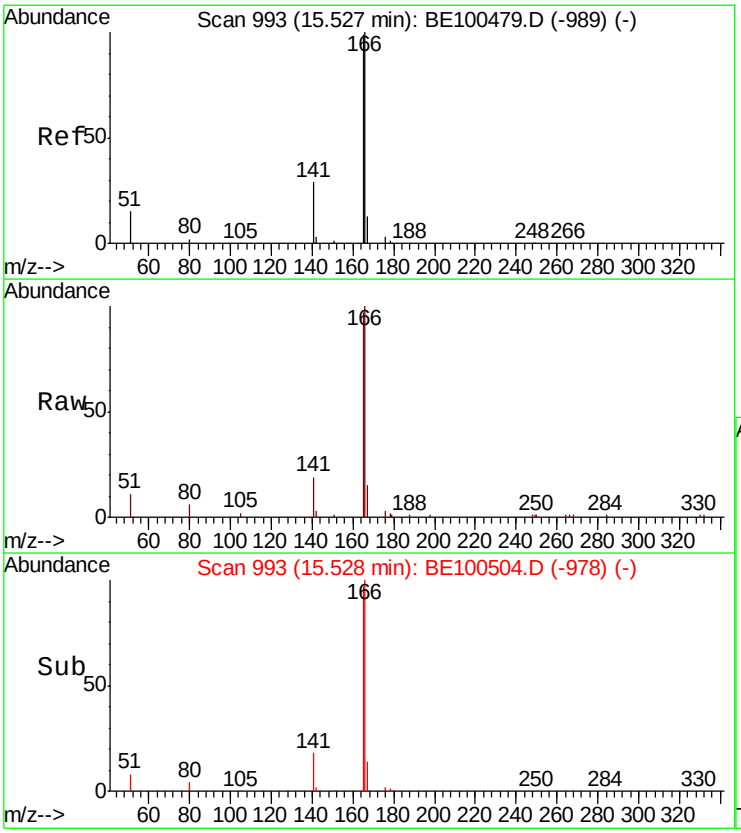
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 7238

Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.8	136.2
152	55.3	45.1	67.7

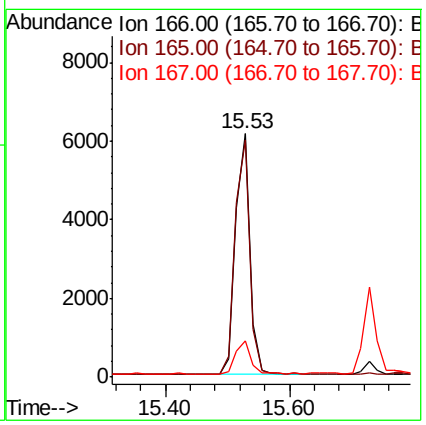


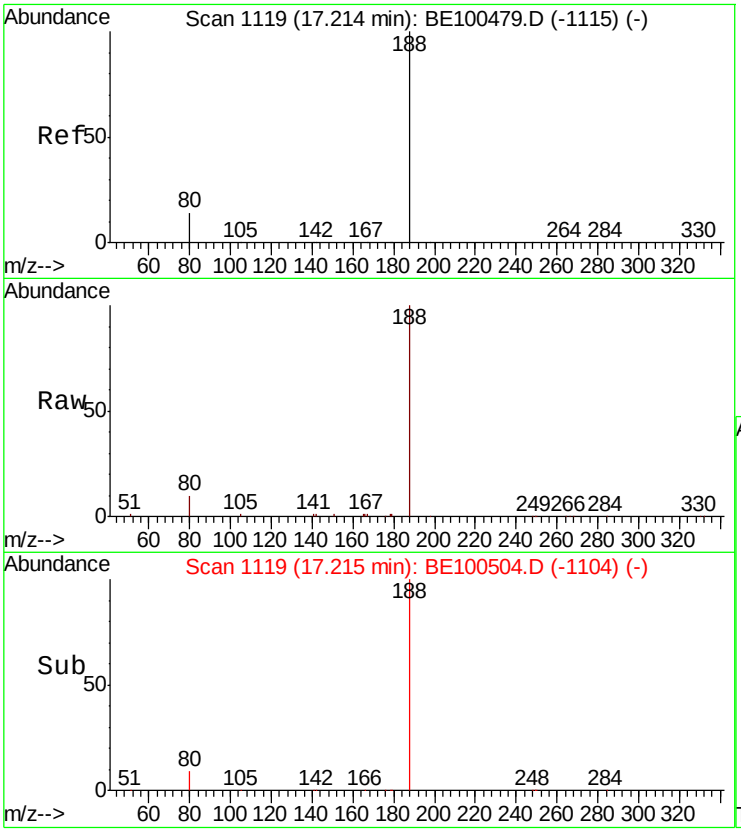


#18
Fluorene
Concen: 0.389 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:166 Resp: 9917

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.3	117.5
167	14.1	10.9	16.3



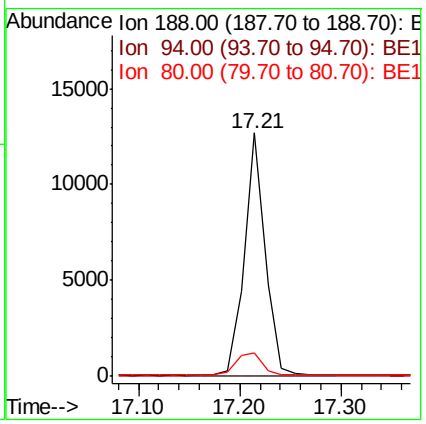


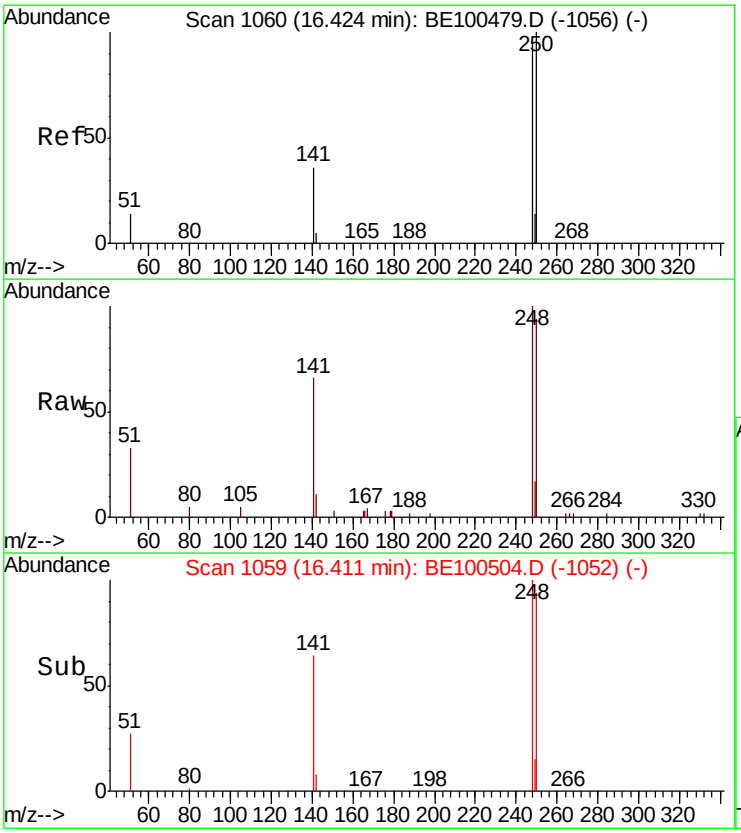
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 18150

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	11.9	17.9#

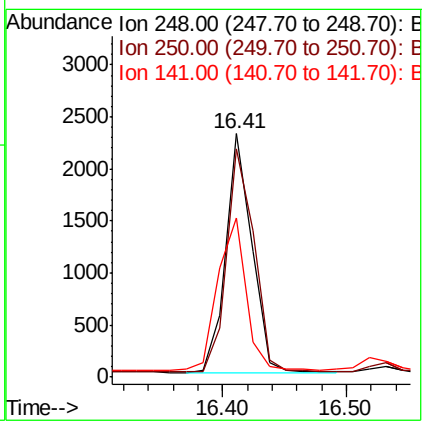


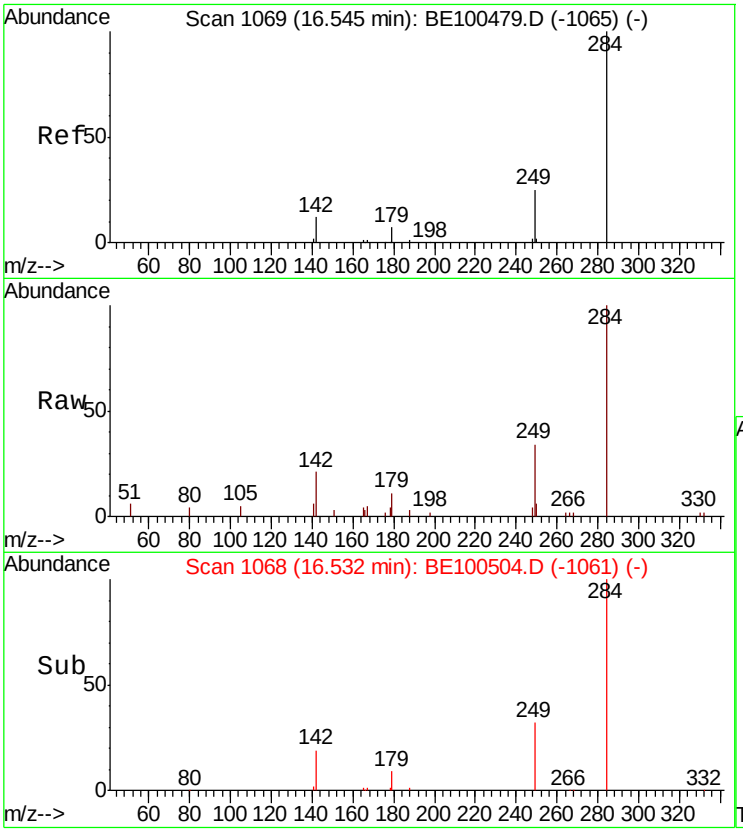


#20
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:248 Resp: 3343

Ion	Ratio	Lower	Upper
248	100		
250	94.0	84.4	126.6
141	65.6	32.2	48.2#



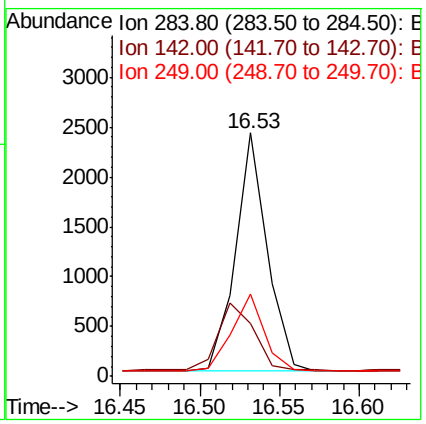


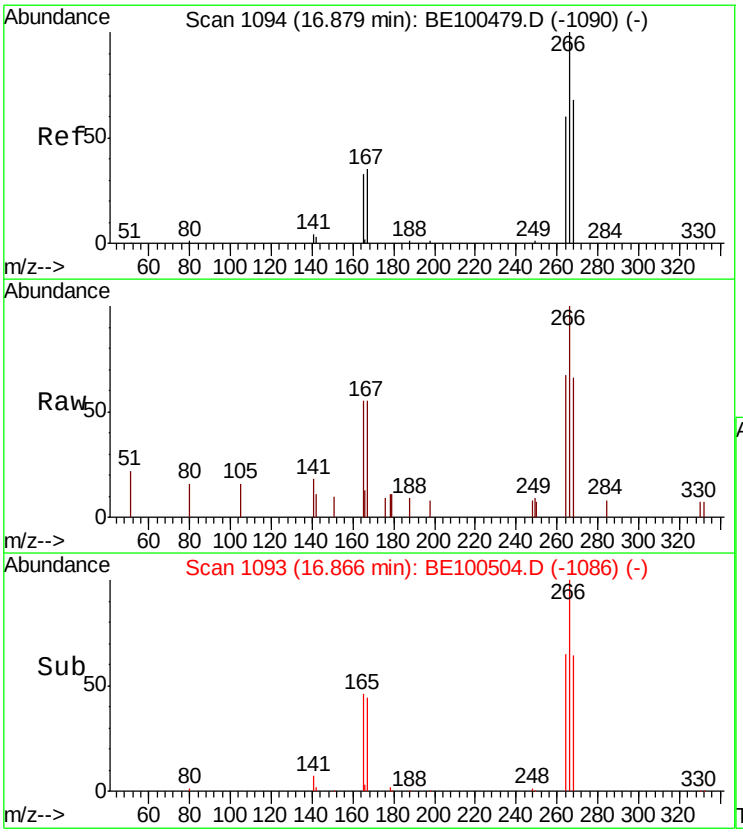
#21
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3315

Ion	Ratio	Lower	Upper
284	100		
142	31.9	26.7	40.1
249	33.3	25.0	37.4

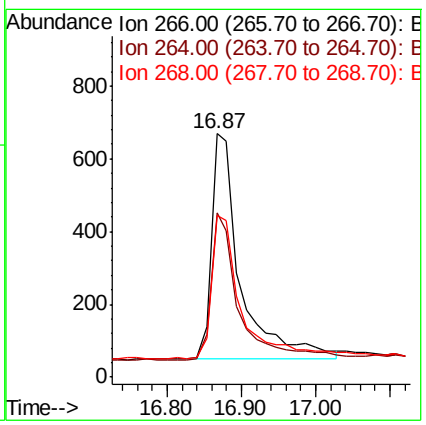


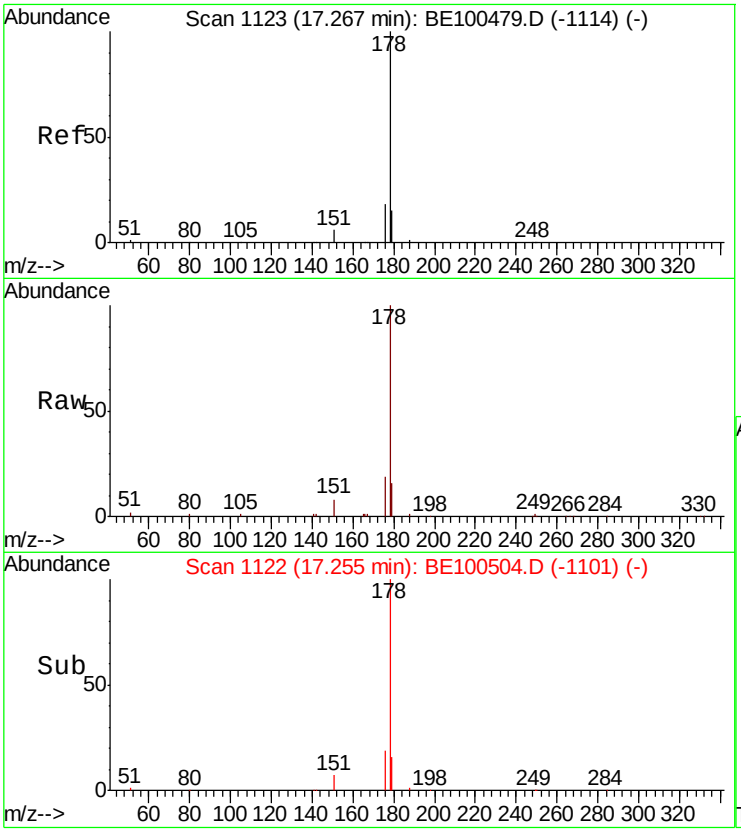


#22
Pentachlorophenol
Concen: 0.512 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:266 Resp: 1695

Ion	Ratio	Lower	Upper
266	100		
264	67.4	50.4	75.6
268	66.2	56.6	85.0



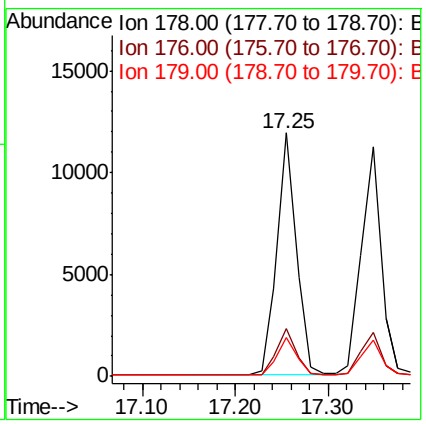


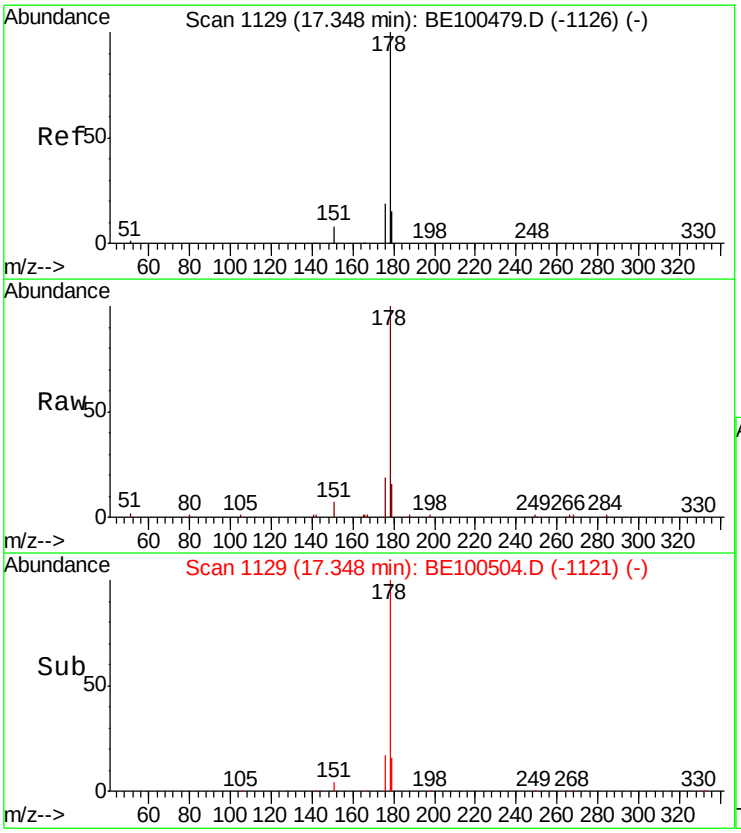
#23
Phenanthrene
Concen: 0.392 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 17414

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	18.8

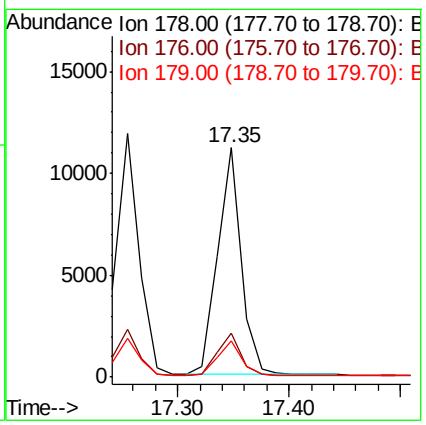


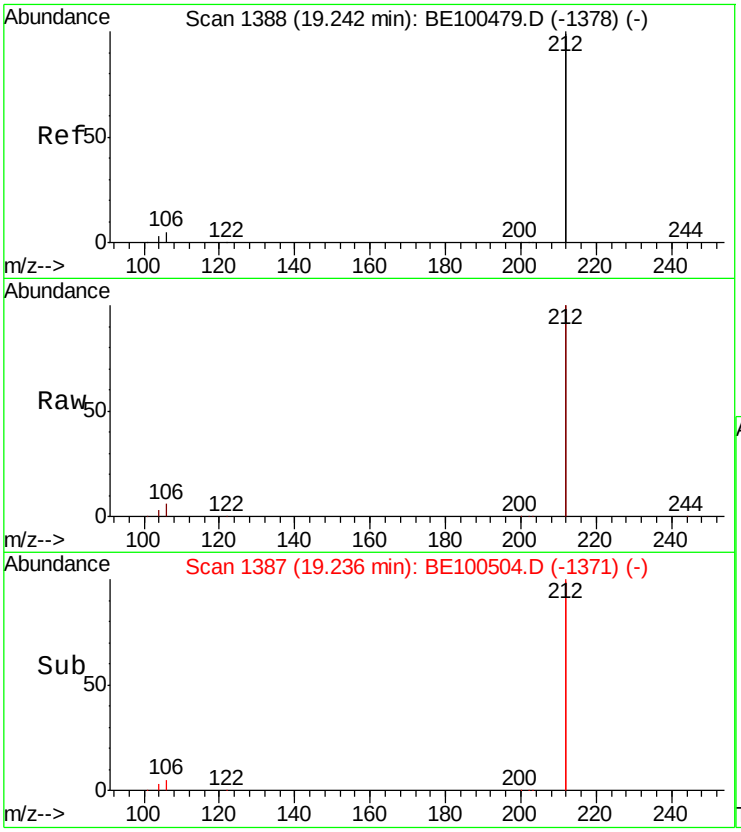


#24
Anthracene
Concen: 0.390 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:178 Resp: 16534

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.7	12.2	18.2



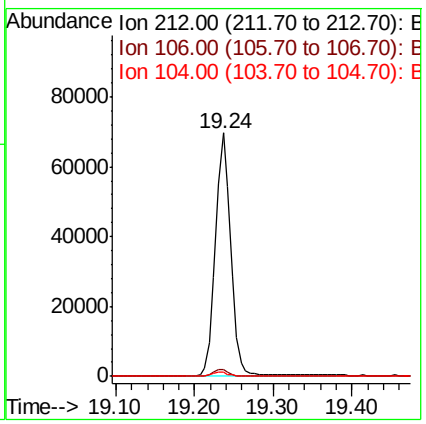


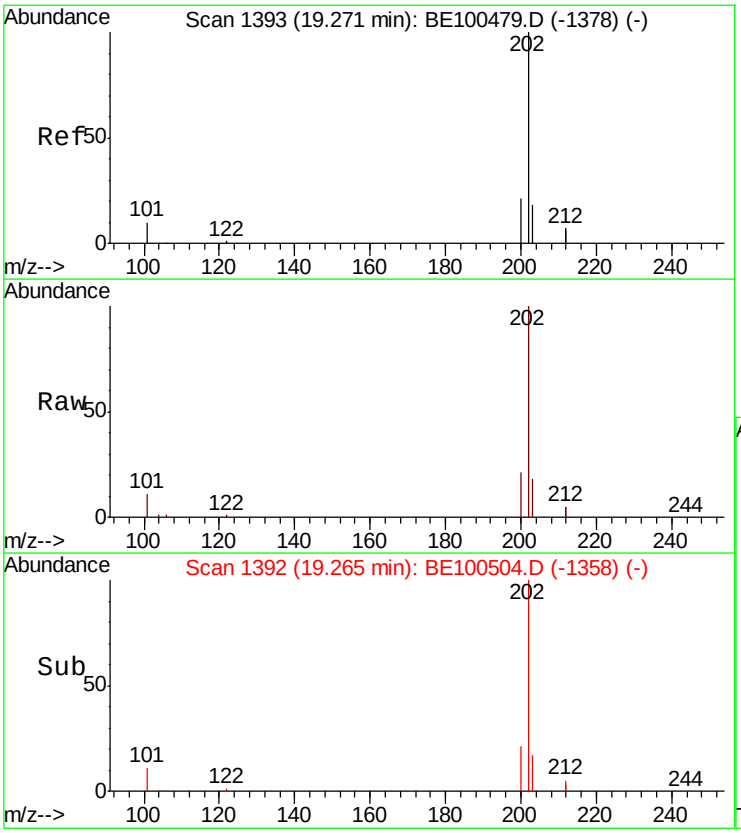
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 92085

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.6	1.2	1.8

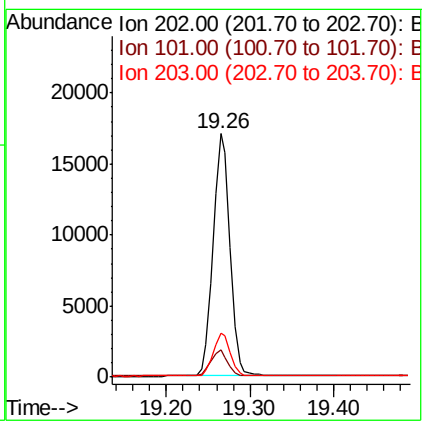


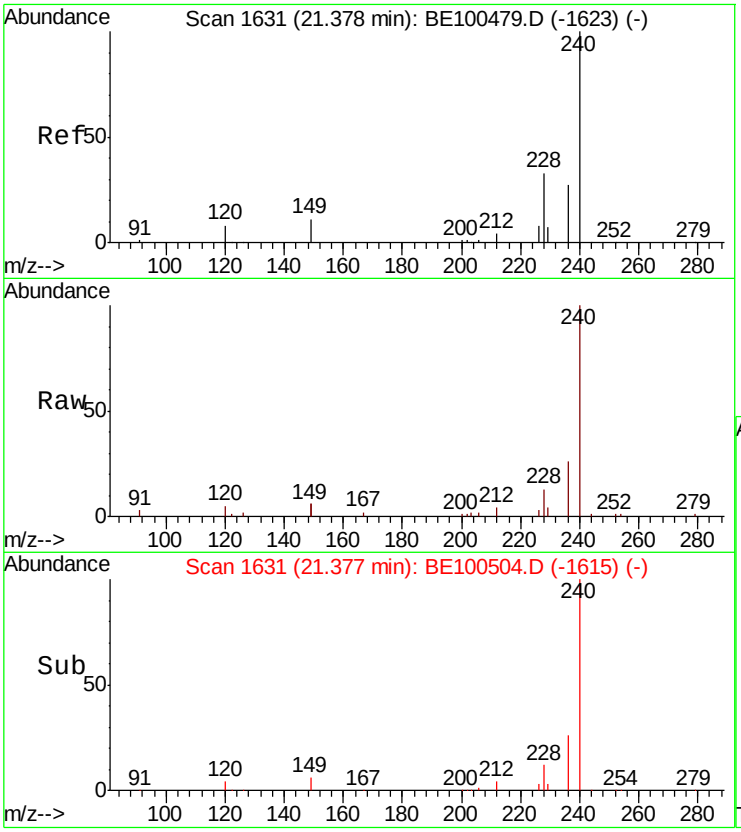


#26
Fluoranthene
Concen: 0.373 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:202 Resp: 23920

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.0	12.0
203	17.4	13.5	20.3



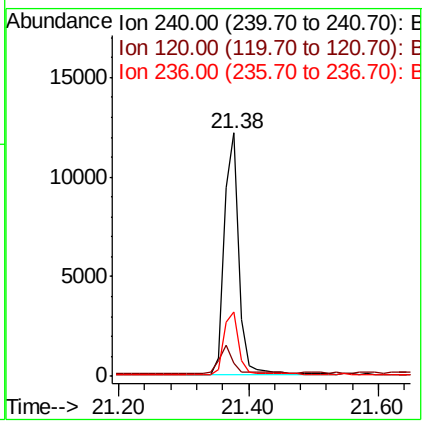


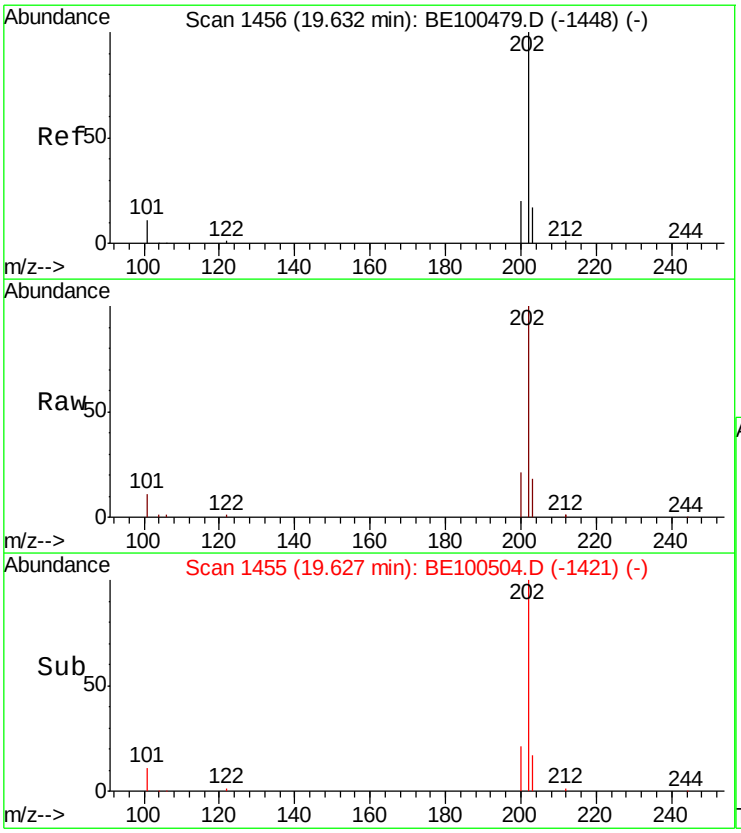
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 19551

Ion	Ratio	Lower	Upper
240	100		
120	5.4	8.2	12.2#
236	26.2	22.6	34.0

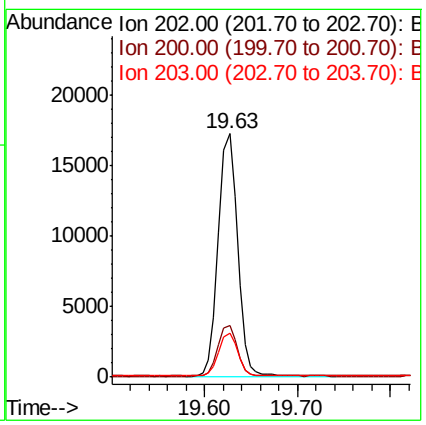


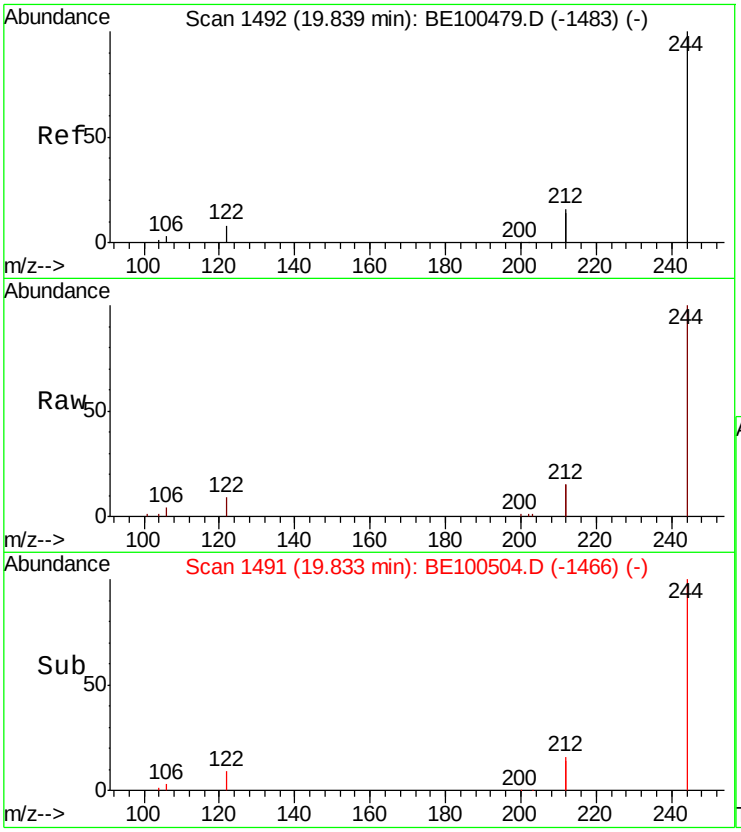


#28
Pyrene
Concen: 0.410 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:202 Resp: 24984

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.5	14.1	21.1



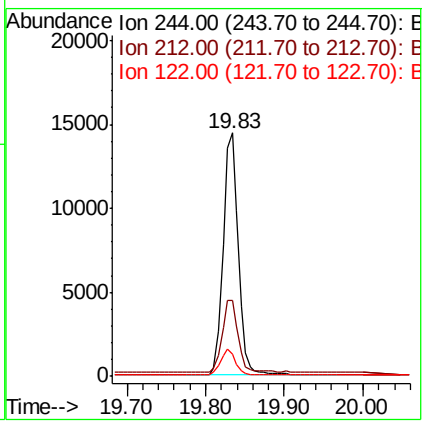


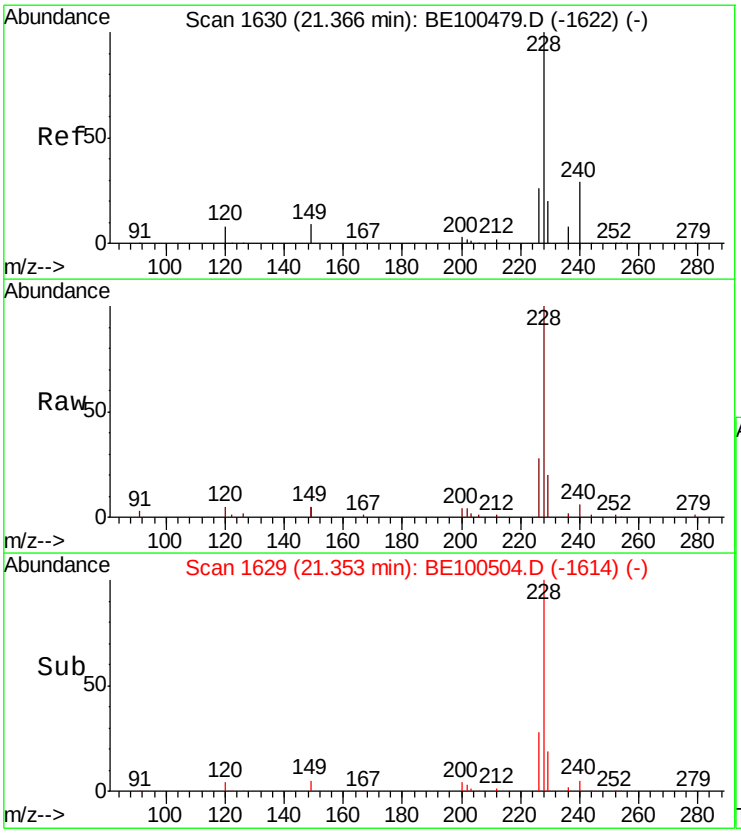
#29
Terphenyl-d14
Concen: 0.402 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 19421

Ion	Ratio	Lower	Upper
244	100		
212	31.0	25.6	38.4
122	9.1	7.2	10.8

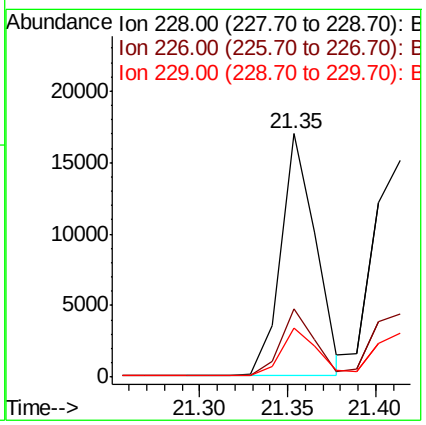


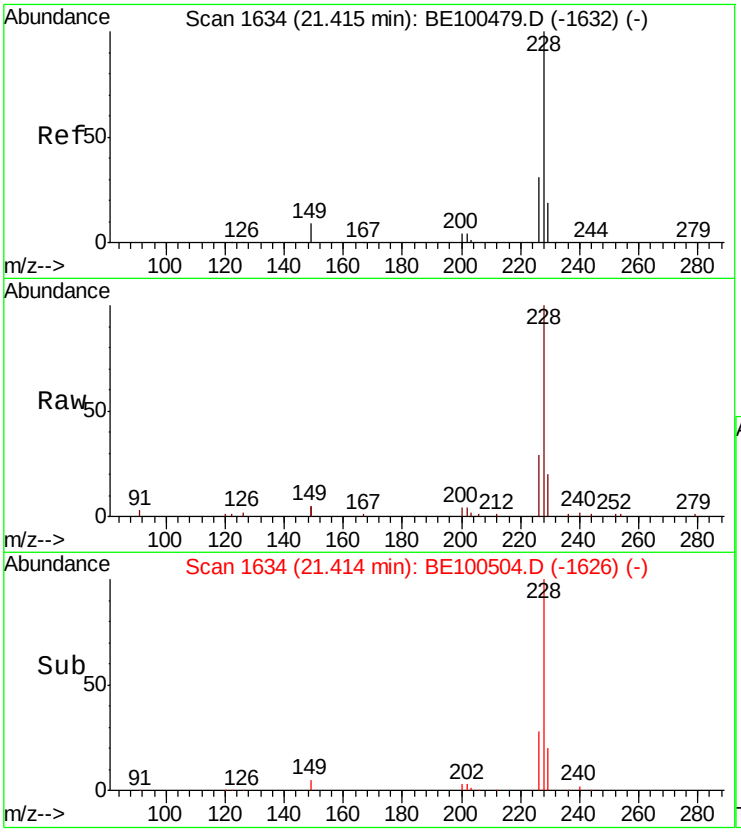


#30
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:228 Resp: 23293

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.4	32.2
229	20.1	17.3	25.9



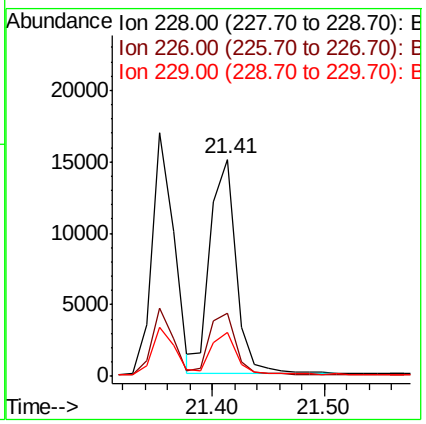


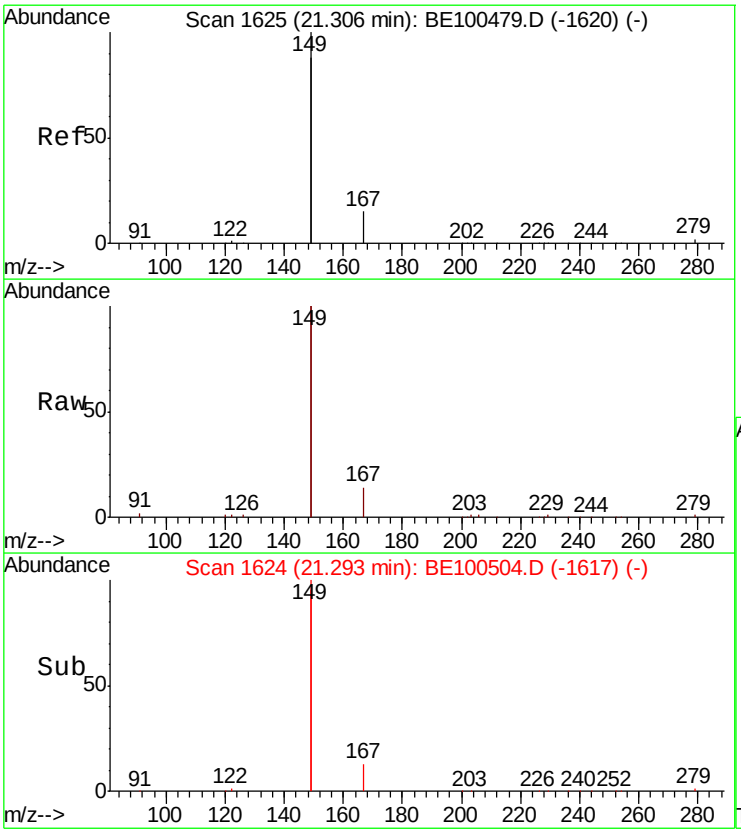
#31
Chrysene
Concen: 0.406 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 23901

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

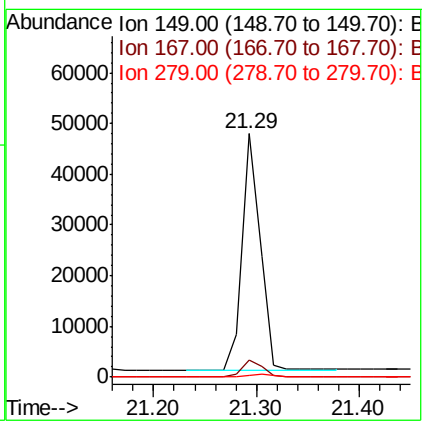


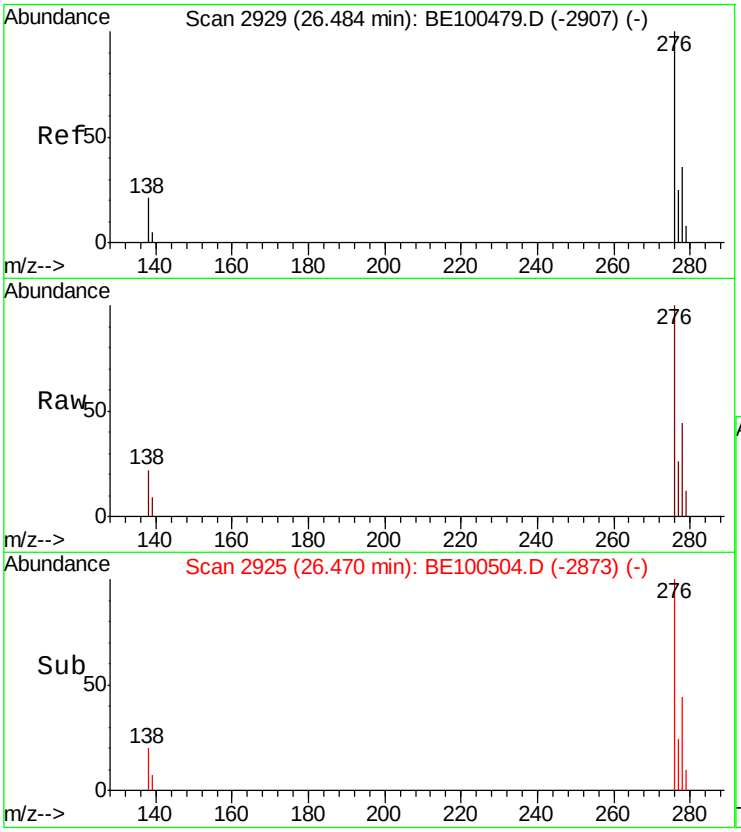


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.420 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:149 Resp: 57544

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



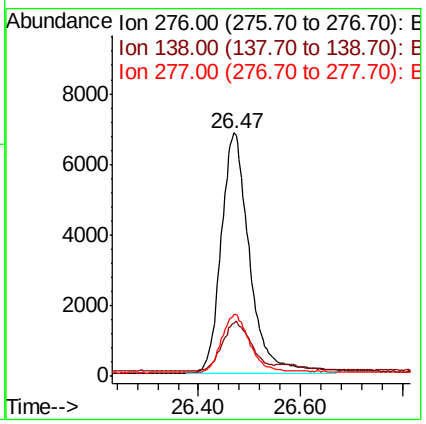


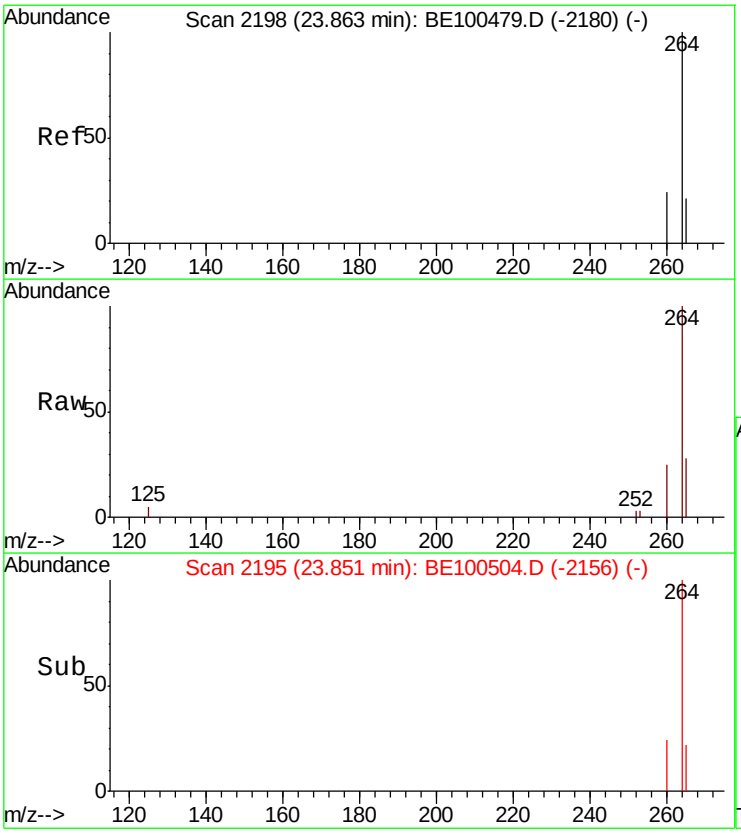
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 26469

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.6	25.0
277	24.1	19.1	28.7

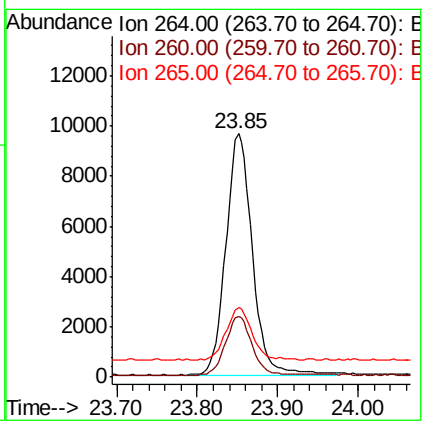


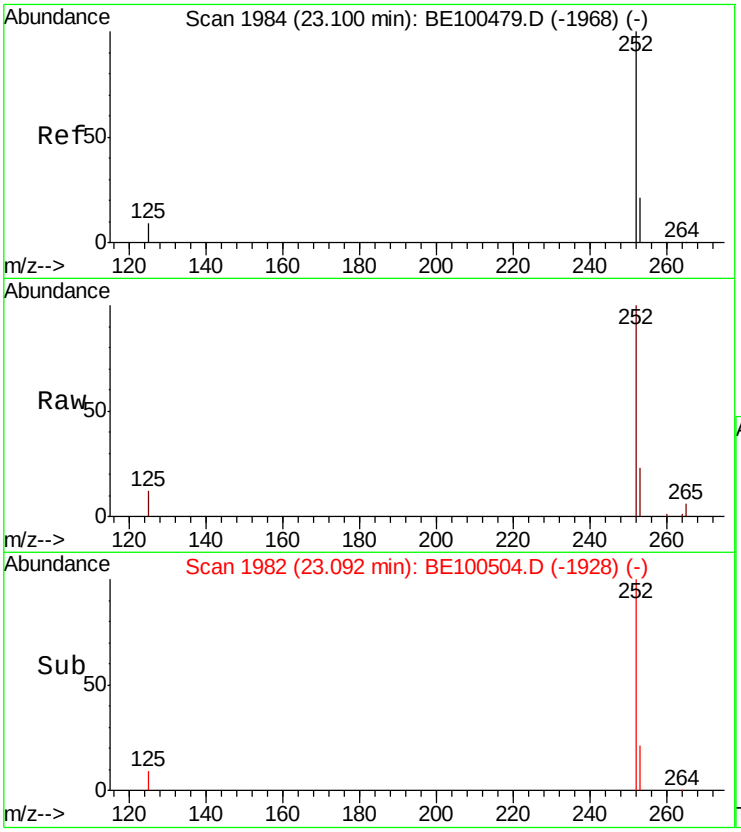


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:264 Resp: 21799

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.7	31.1
265	28.4	23.4	35.2



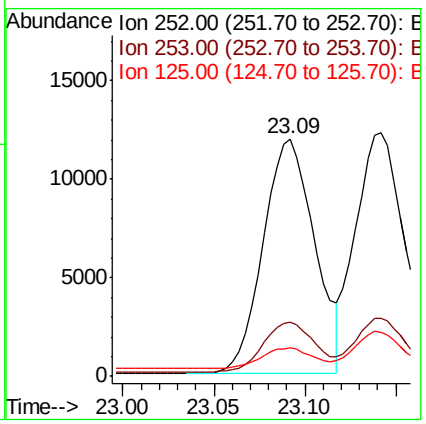


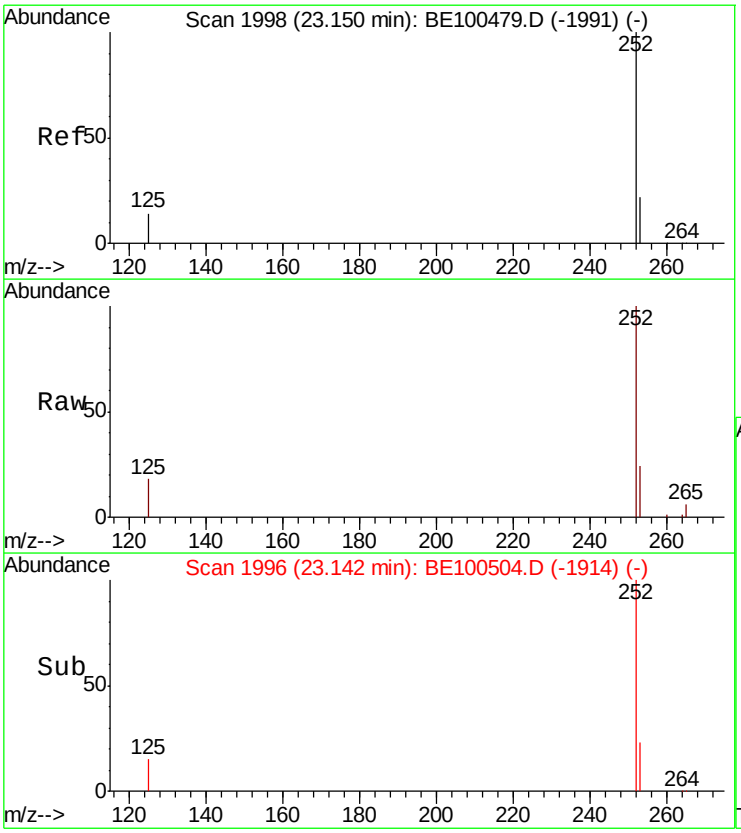
#35
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23348

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	11.9	11.9	17.9#

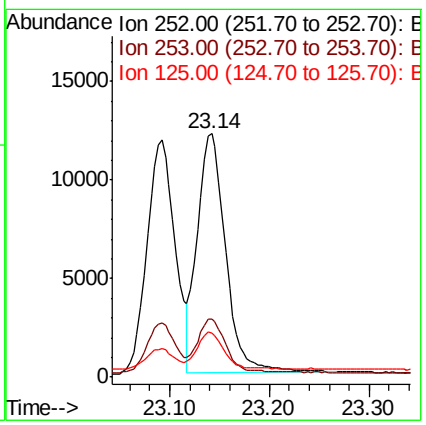


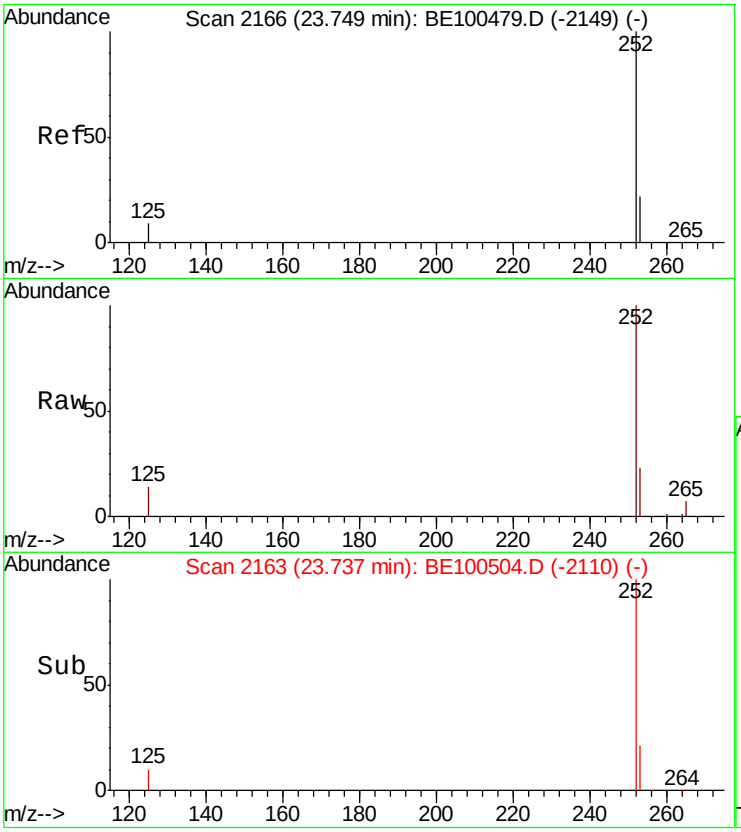


#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:252 Resp: 24072

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	18.1	15.2	22.8



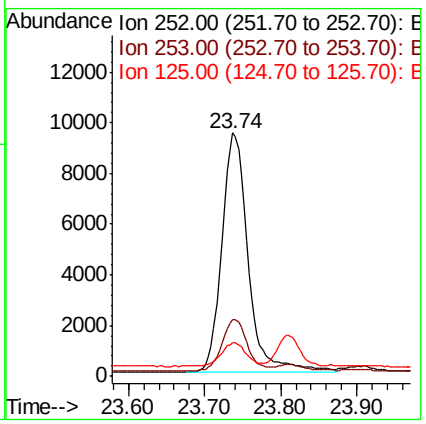


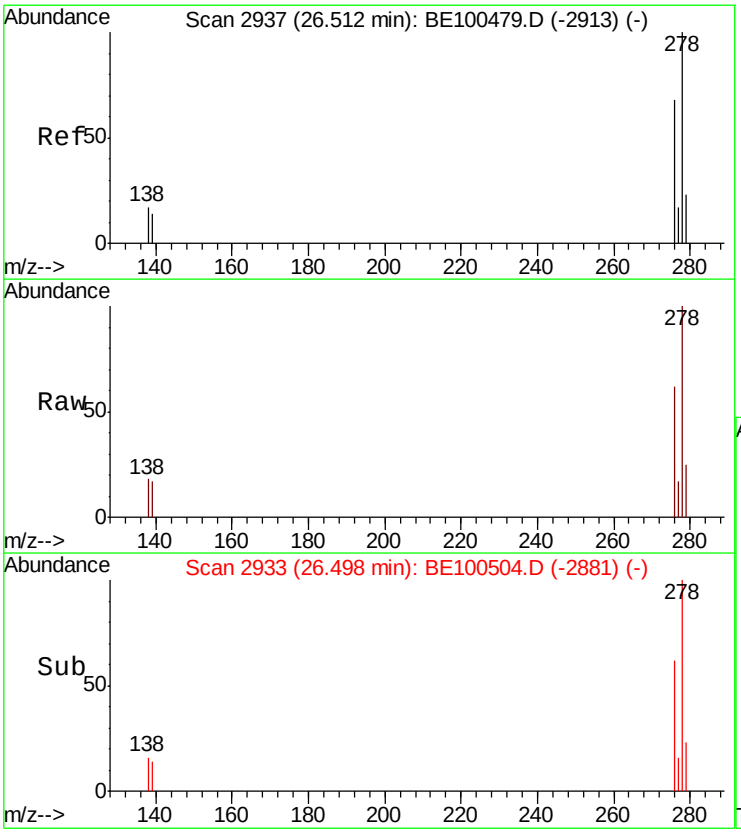
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.74 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 22668

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.0	30.0
125	13.8	14.1	21.1#

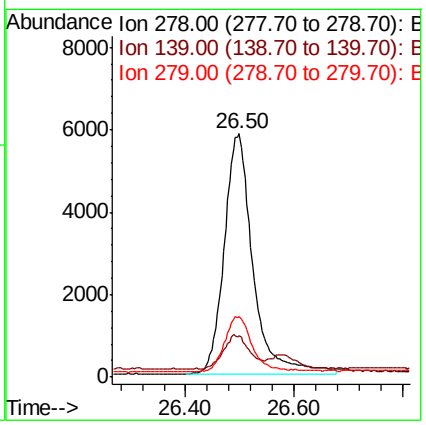


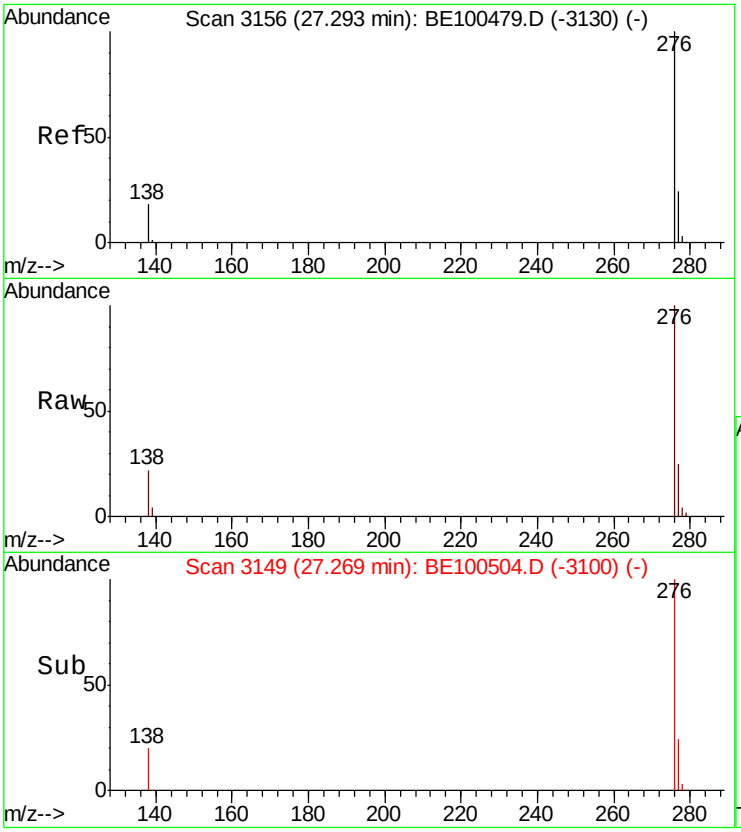


#38
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.01 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Tgt Ion:278 Resp: 21435

Ion	Ratio	Lower	Upper
278	100		
139	17.1	16.8	25.2
279	24.8	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.388 ng
RT: 27.27 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BE100504.D
Acq: 23 Jul 2019 16:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 21763

Ion	Ratio	Lower	Upper
276	100		
277	24.9	22.0	33.0
138	21.8	17.3	25.9