Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
Data File : BE100465.D
Acq On : 19 Jul 2019 11:11
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Jul 19 13:33:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 13:27:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	3201	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	13217	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	8549	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	23763	0.40	ng		0.00
27) Chrysene-d12	21.38	240	31102	0.40	ng		0.00
34) Perylene-d12	23.86	264	33355	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	6130	1.01	ng		0.00
5) Phenol-d6	7.04	99	8760	0.97	ng		0.00
8) Nitrobenzene-d5	9.02	82	8629	1.18	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	16600	0.83	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	2895	1.50	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	27336	0.71	ng		0.00
25) Fluoranthene-d10	19.24	212	255129	0.90	ng		0.00
29) Terphenyl-d14	19.84	244	56235	0.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	3648	0.771	ng		94
3) n-Nitrosodimethylamine	3.68	42	2327	0.839	ng	#	91
6) bis(2-Chloroethyl)ether	7.30	93	7843	0.862	ng		98
9) Naphthalene	10.72	128	100013	0.777	ng		100
10) Hexachlorobutadiene	11.02	225	4806	0.770	ng		98
12) 2-Methylnaphthalene	12.32	142	17290	0.803	ng		98
16) Acenaphthylene	14.23	152	30313	0.877	ng		100
17) Acenaphthene	14.56	154	18591	0.782	ng		98
18) Fluorene	15.53	166	24759	0.808	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	8354	0.674	ng		97
21) Hexachlorobenzene	16.53	284	8758	0.604	ng		99
22) Pentachlorophenol	16.88	266	3399	1.343	ng		89
23) Phenanthrene	17.26	178	45039	0.711	ng		99
24) Anthracene	17.35	178	42314	0.810	ng		99
26) Fluoranthene	19.28	202	67304	0.836	ng		100
28) Pyrene	19.63	202	70319	0.773	ng		100
30) Benzo(a)anthracene	21.37	228	73173	0.867	ng		99
31) Chrysene	21.41	228	73998	0.738	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	159006	2.626	ng		100
33) Indeno(1,2,3-cd)pyrene	26.48	276	78026	0.875	ng		98
35) Benzo(b)fluoranthene	23.10	252	71080	0.697	ng		97
36) Benzo(k)fluoranthene	23.15	252	74368	0.690	ng	#	94
37) Benzo(a)pyrene	23.74	252	68192	0.814	ng		96
38) Dibenzo(a,h)anthracene	26.51	278	64057	0.717	ng		97
39) Benzo(g,h,i)perylene	27.29	276	65805	0.704	ng		98

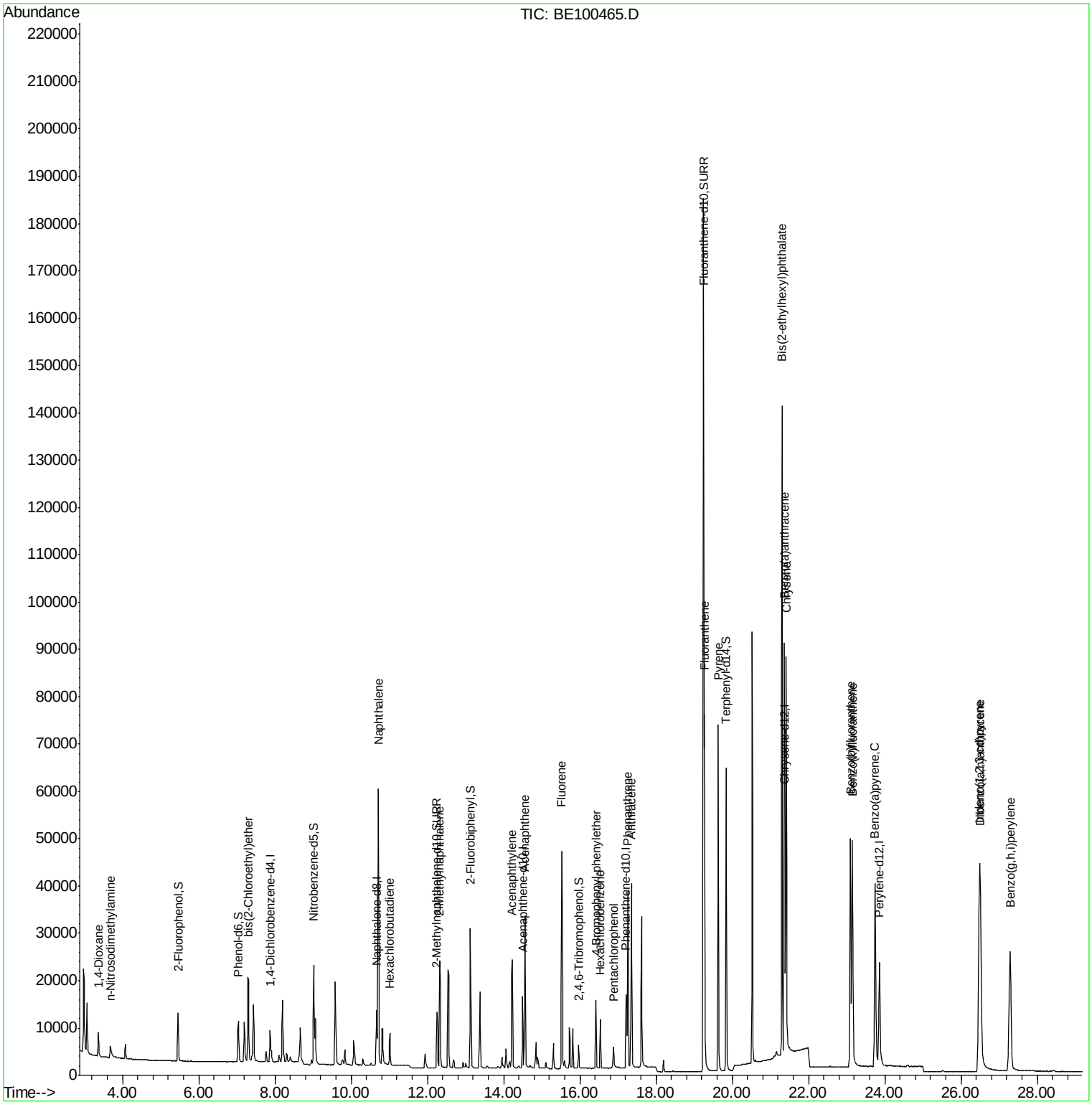
(#) = qualifier out of range (m) = manual integration (+) = signals summed

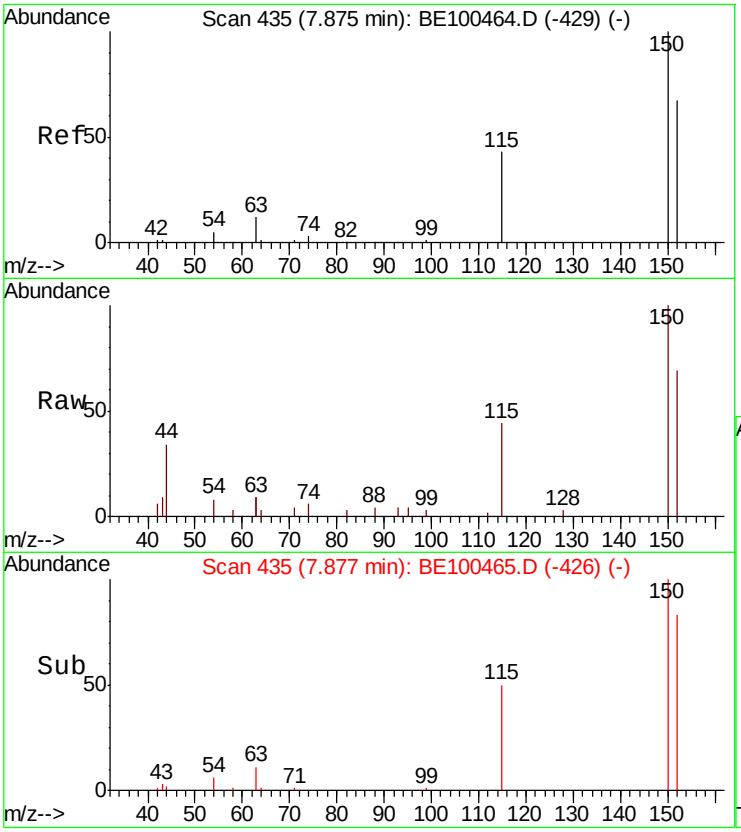
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
Data File : BE100465.D
Acq On : 19 Jul 2019 11:11
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Jul 19 13:33:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 13:27:51 2019
Response via : Initial Calibration



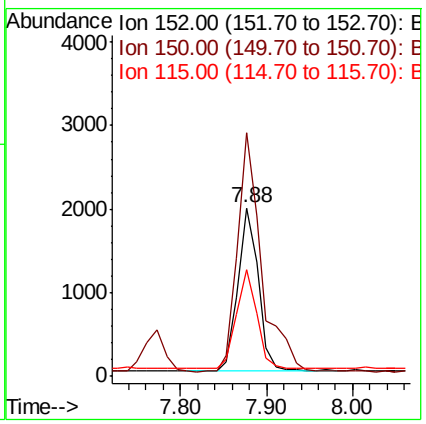


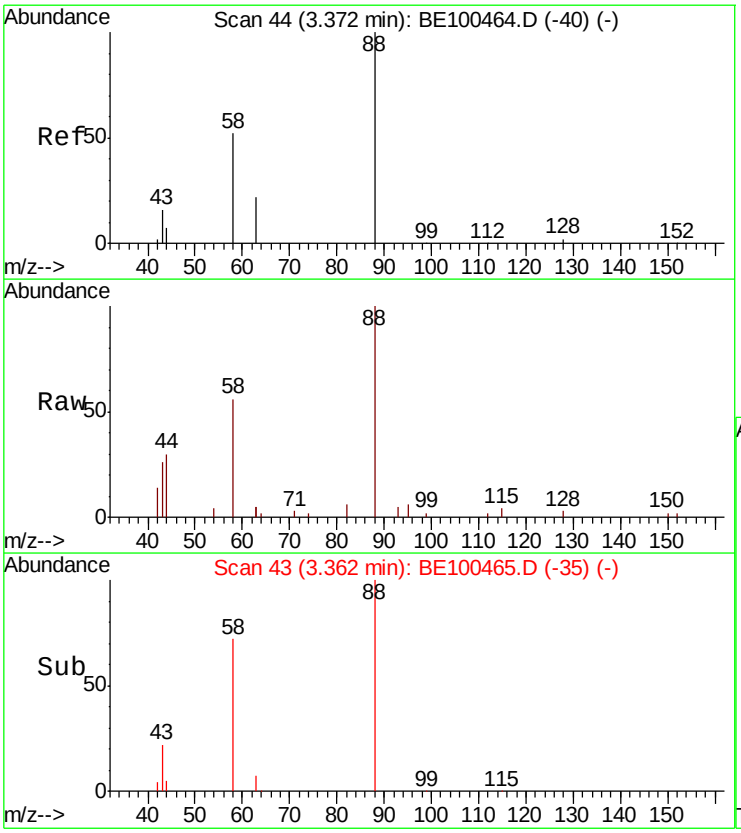
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 3201

Ion	Ratio	Lower	Upper
152	100		
150	144.3	117.6	176.4
115	63.6	54.9	82.3

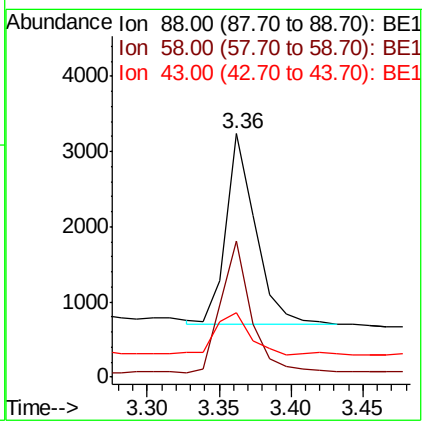


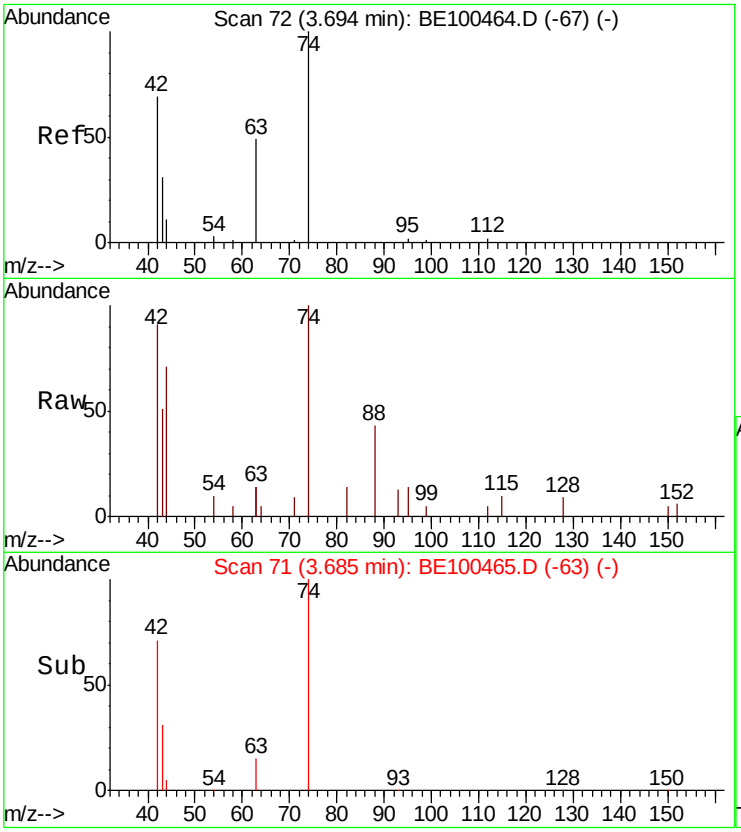


#2
1,4-Dioxane
Concen: 0.771 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion: 88 Resp: 3648

Ion	Ratio	Lower	Upper
88	100		
58	68.4	50.2	75.4
43	22.1	19.1	28.7



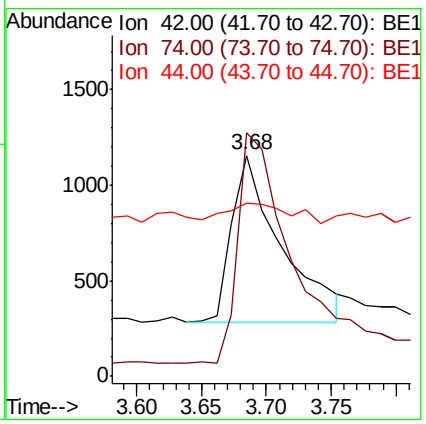


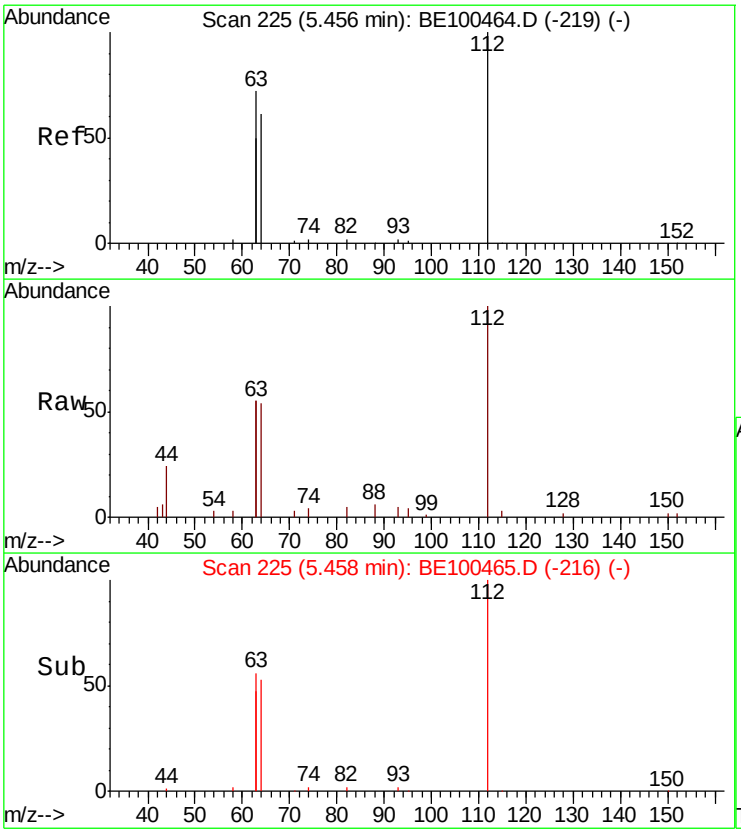
#3
n-Nitrosodimethylamine
Concen: 0.839 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 2327

Ion	Ratio	Lower	Upper
42	100		
74	142.6	105.8	158.8
44	15.0	0.0	0.0#

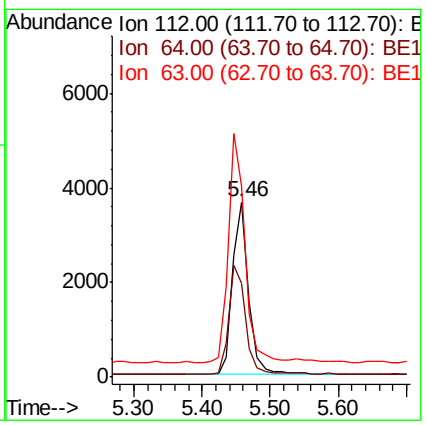


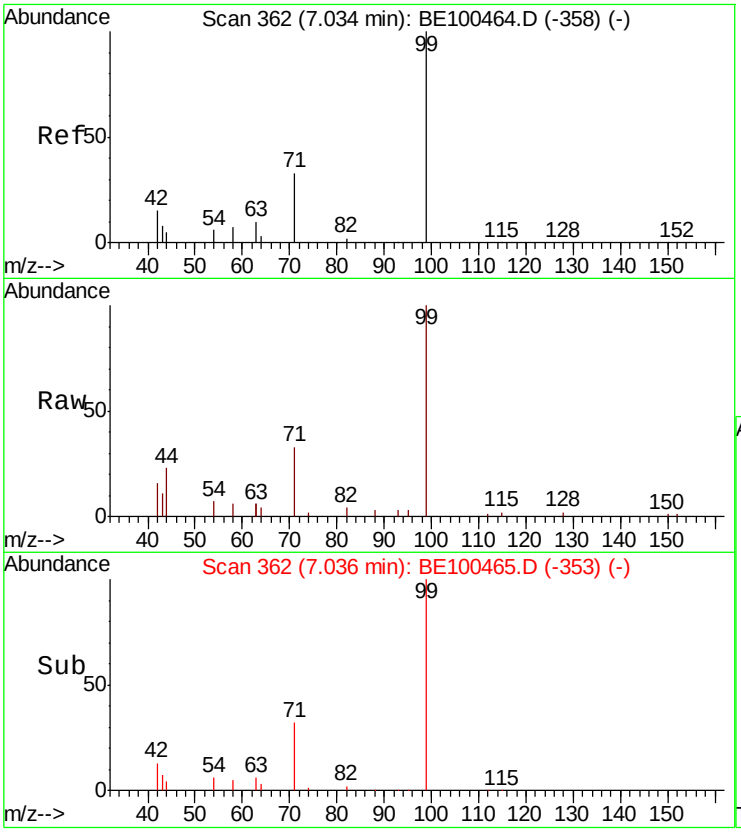


#4
2-Fluorophenol
Concen: 1.007 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:112 Resp: 6130

Ion	Ratio	Lower	Upper
112	100		
64	66.5	51.9	77.9
63	134.2	103.9	155.9



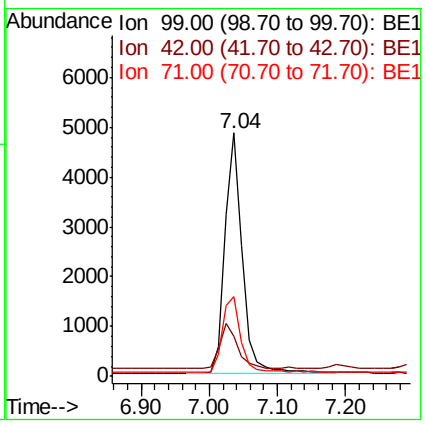


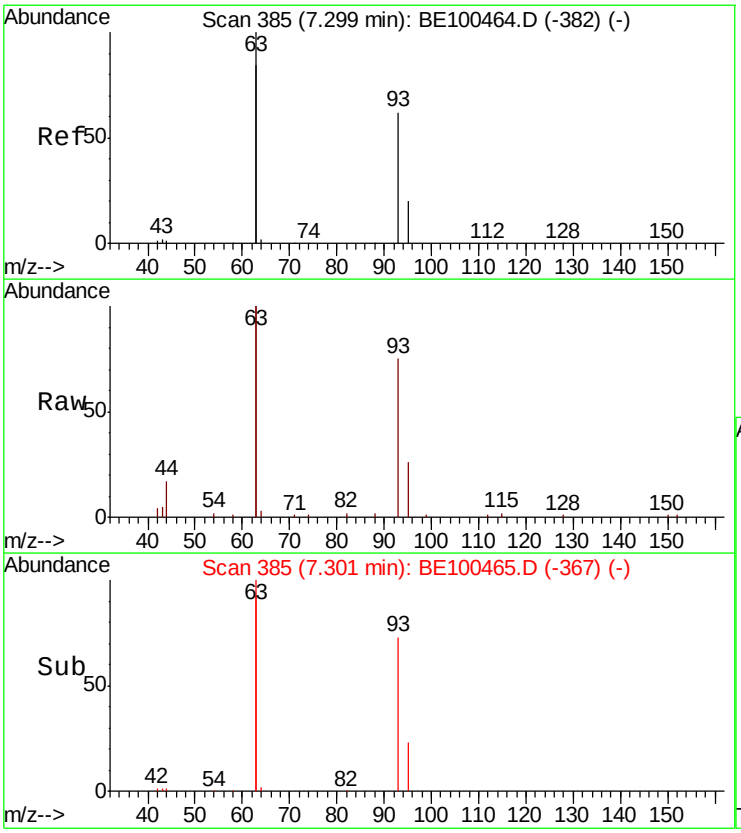
#5
Phenol-d6
Concen: 0.973 ng
RT: 7.04 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 8760

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.2	24.4
71	32.8	26.0	39.0

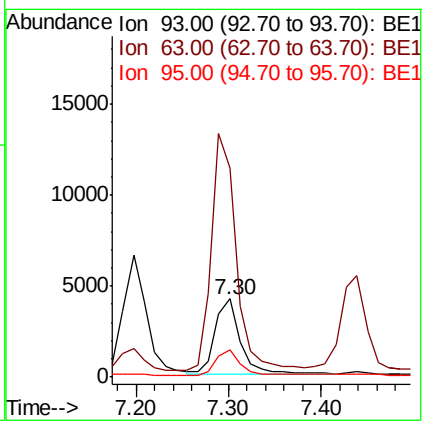


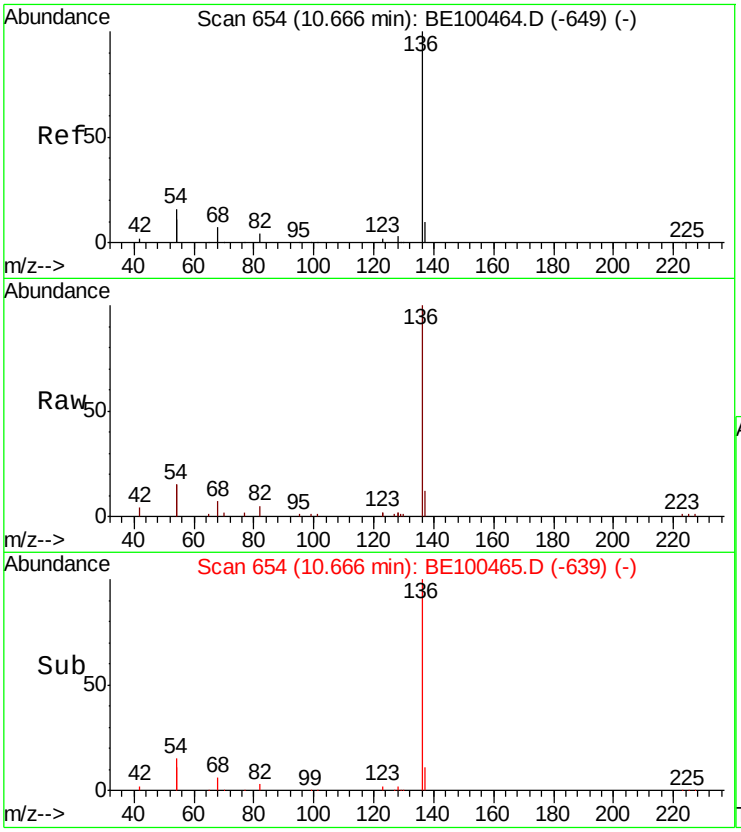


#6
bis(2-Chloroethyl)ether
Concen: 0.862 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion: 93 Resp: 7843

Ion	Ratio	Lower	Upper
93	100		
63	306.2	248.4	372.6
95	31.7	24.7	37.1



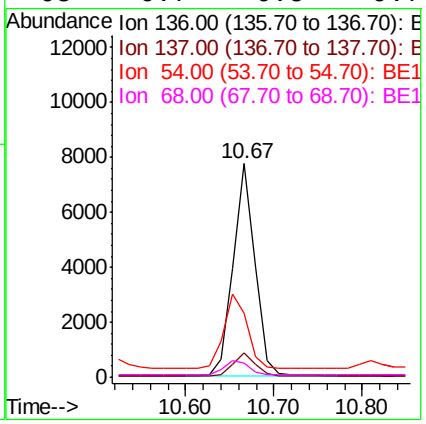


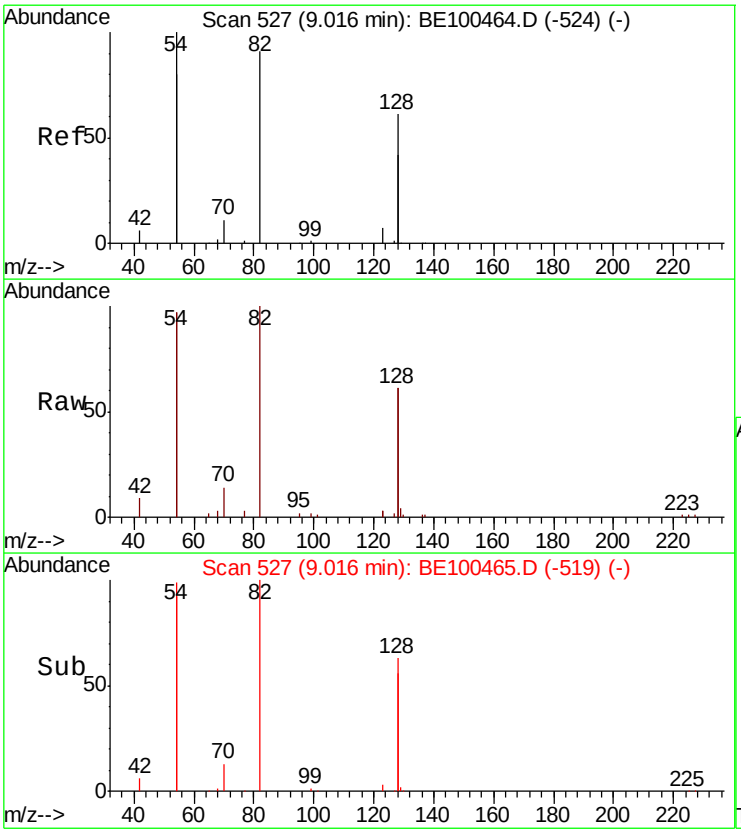
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 13217

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	30.1	26.2	39.2
68	6.7	6.5	9.7

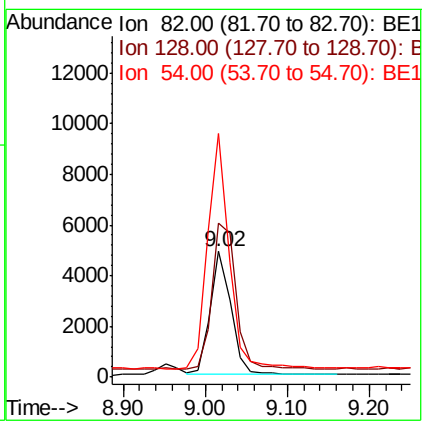


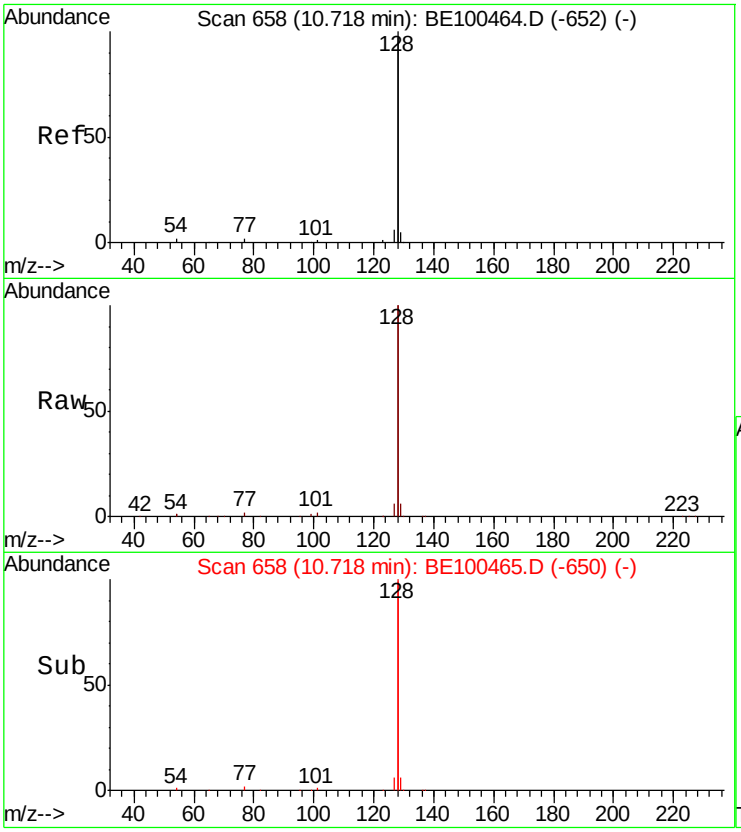


#8
Nitrobenzene-d5
Concen: 1.183 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion: 82 Resp: 8629

Ion	Ratio	Lower	Upper
82	100		
128	122.8	100.7	151.1
54	194.0	164.4	246.6



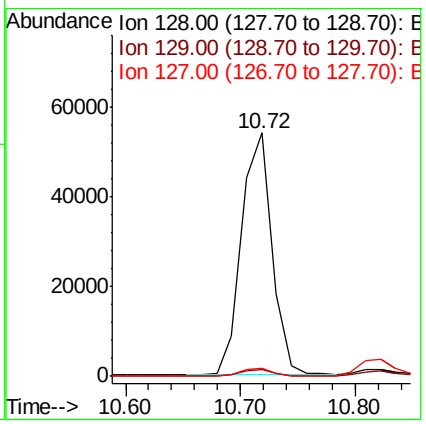


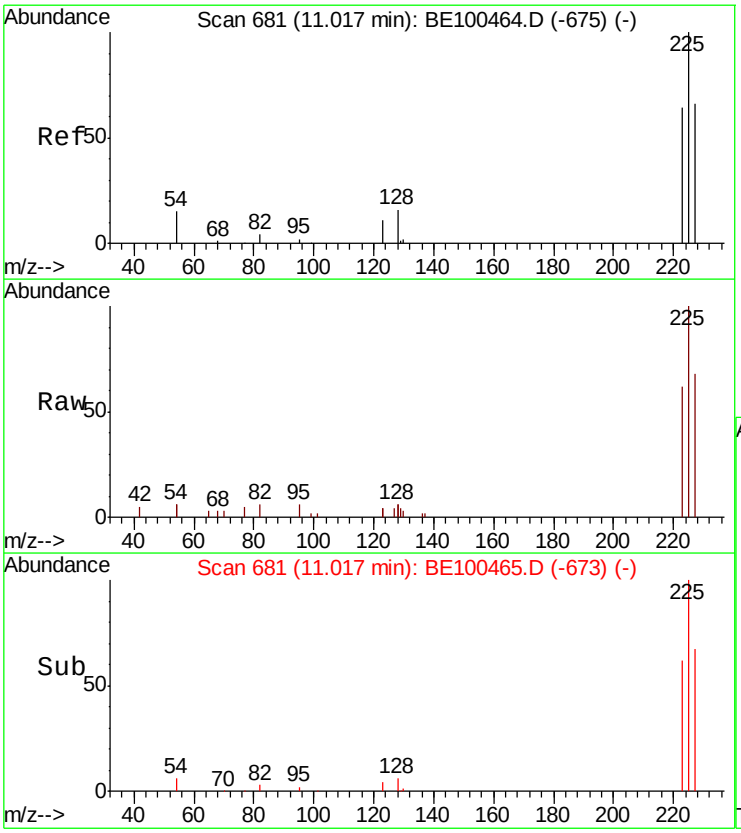
#9
Naphthalene
Concen: 0.777 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 100013

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.2	2.6	4.0

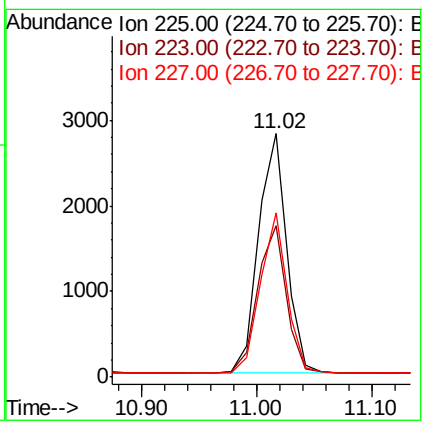


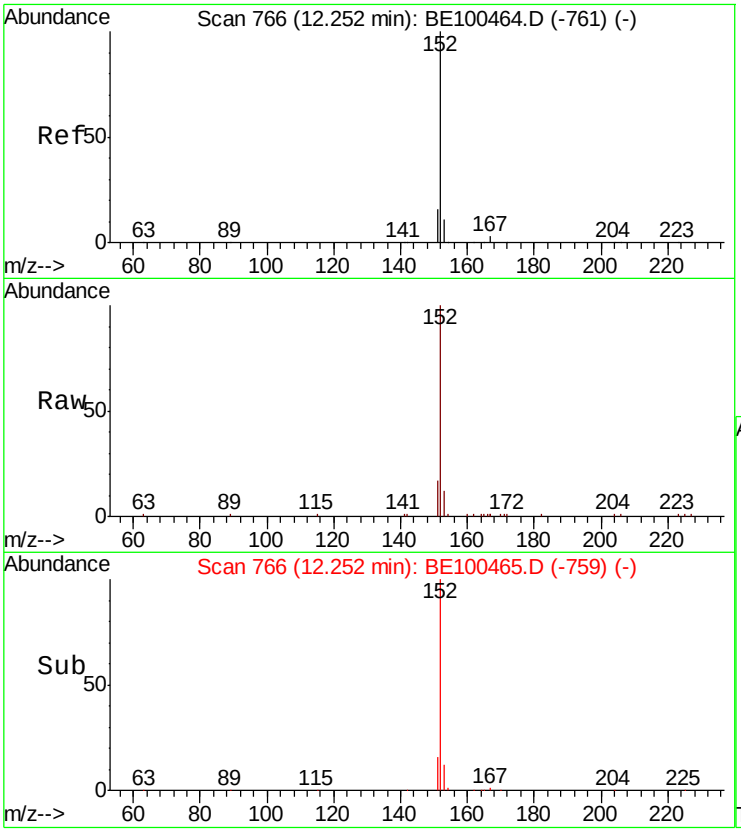


#10
Hexachlorobutadiene
Concen: 0.770 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:225 Resp: 4806

Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.7	77.5
227	63.8	50.9	76.3



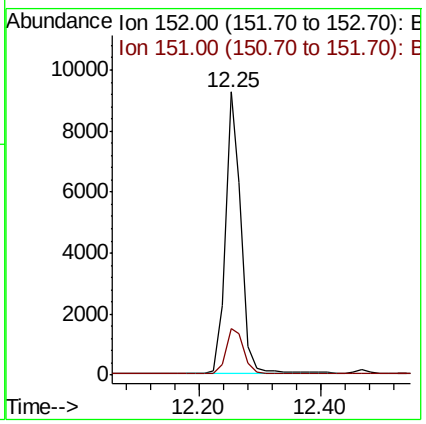


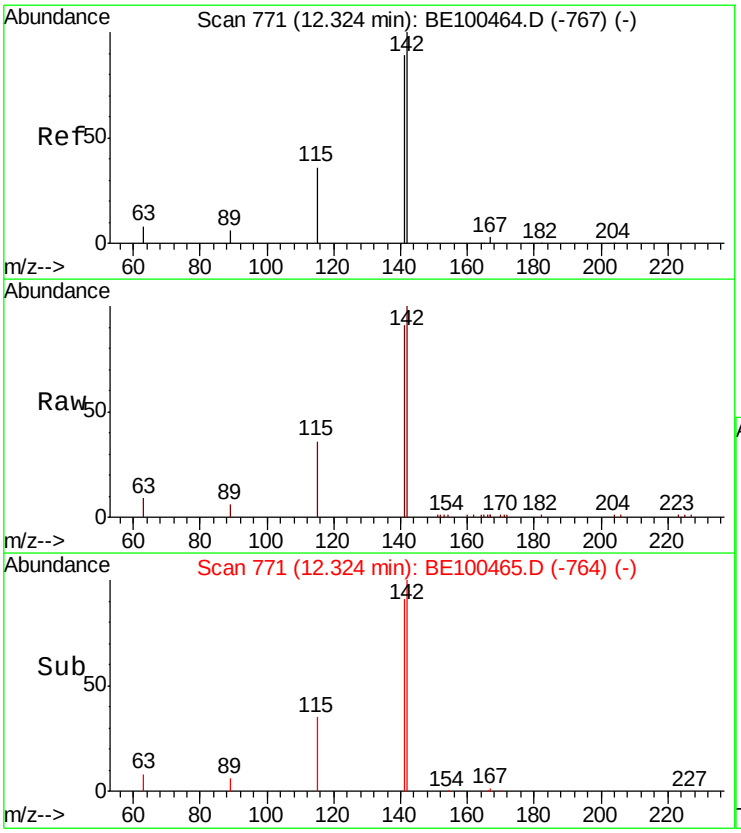
#11
2-Methylnaphthalene-d10
Concen: 0.830 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 16600

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.8	23.6

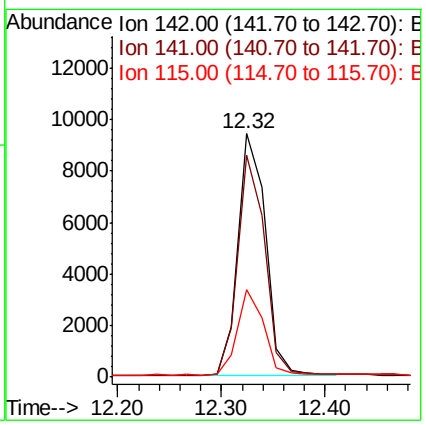


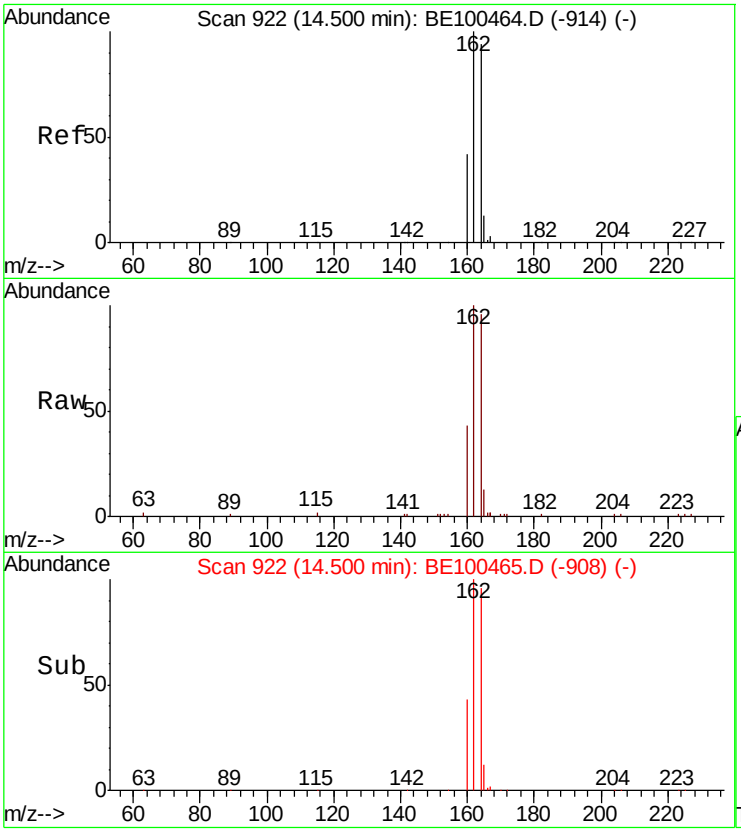


#12
2-Methylnaphthalene
Concen: 0.803 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:142 Resp: 17290

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.7	107.5
115	36.1	30.4	45.6



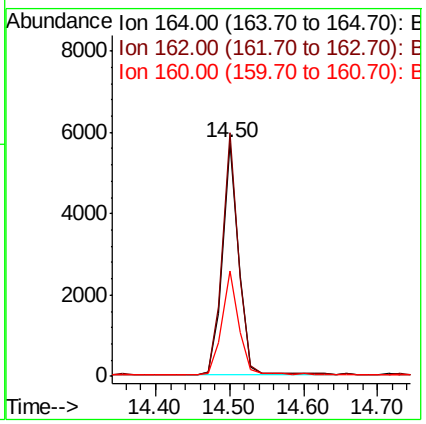


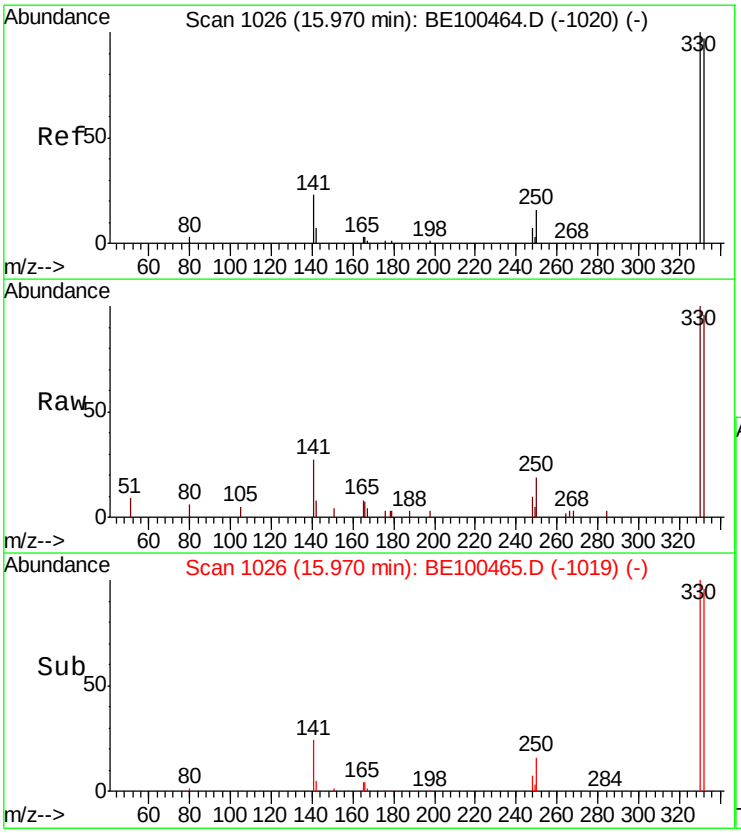
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 8549

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.0	127.6
160	44.8	36.2	54.2

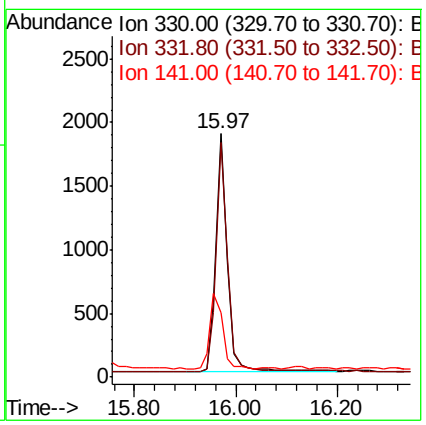


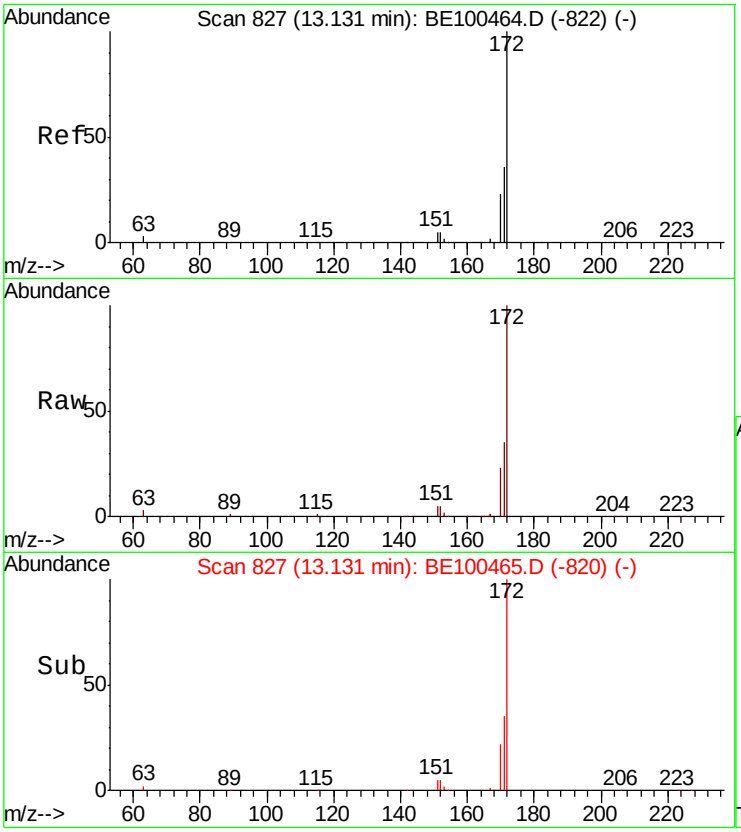


#14
2,4,6-Tribromophenol
Concen: 1.499 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:330 Resp: 2895

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.3	114.5
141	35.2	29.4	44.2



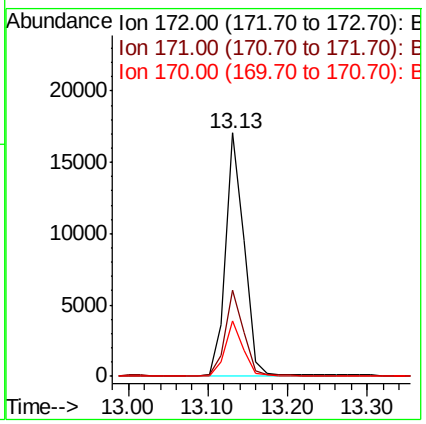


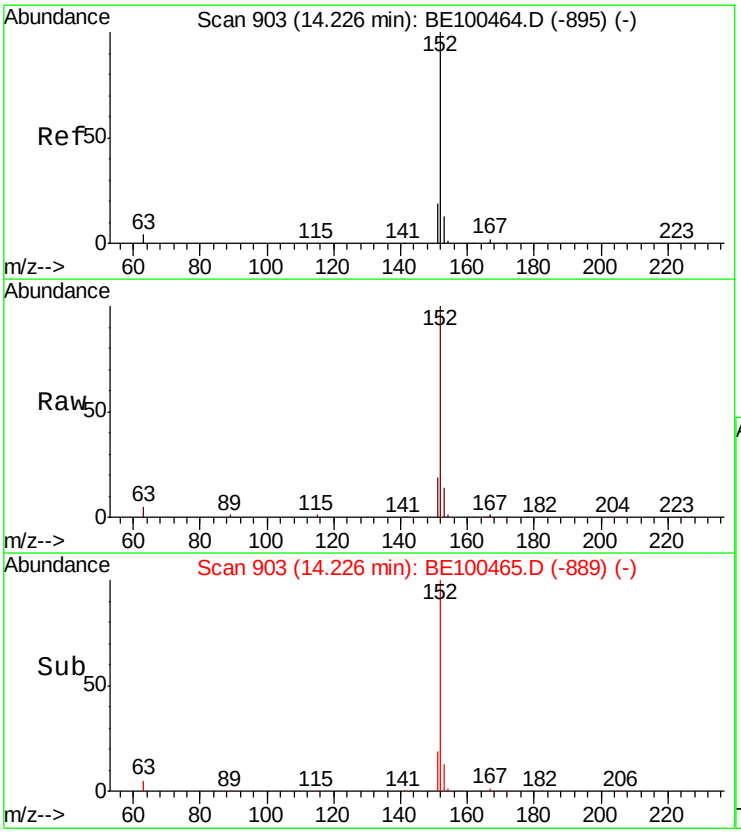
#15
2-Fluorobiphenyl
Concen: 0.714 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 27336

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.2	43.8
170	22.5	18.8	28.2

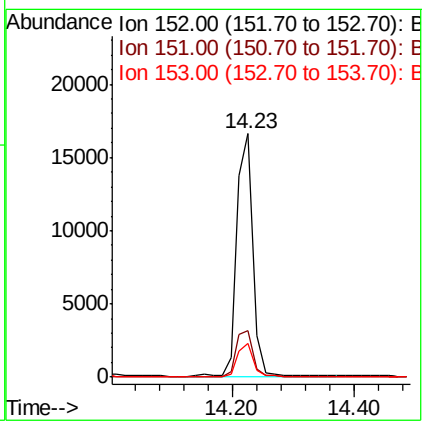


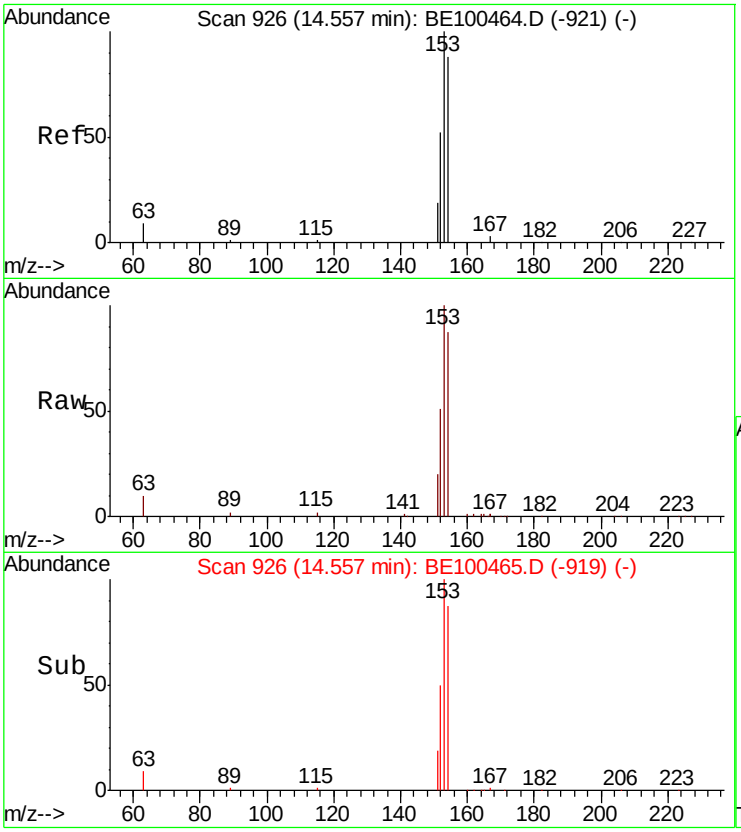


#16
Acenaphthylene
Concen: 0.877 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:152 Resp: 30313

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.1	10.6	15.8



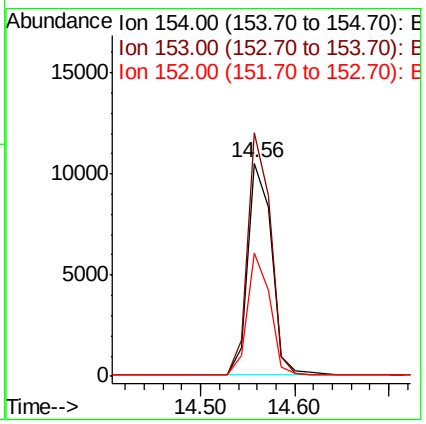


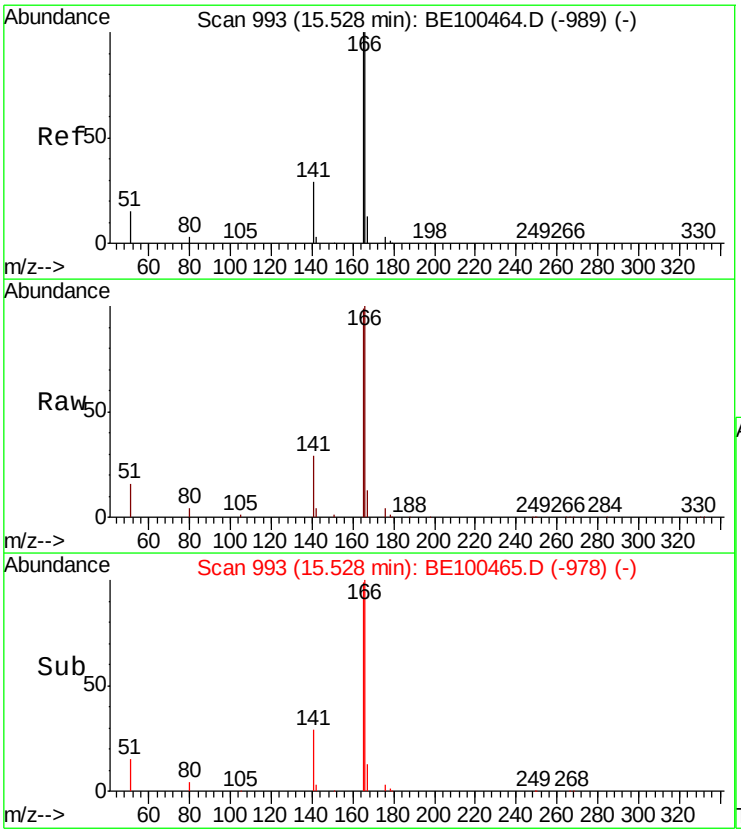
#17
Acenaphthene
Concen: 0.782 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 18591

Ion	Ratio	Lower	Upper
154	100		
153	110.1	89.4	134.2
152	54.3	44.4	66.6

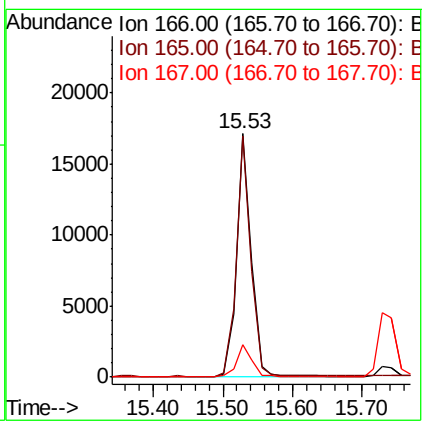


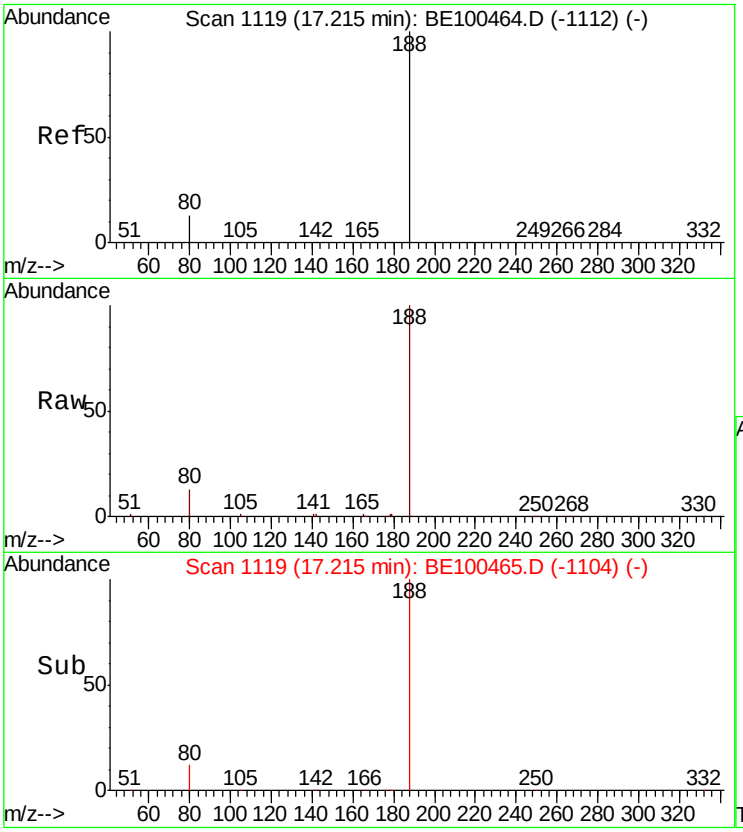


#18
Fluorene
Concen: 0.808 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:166 Resp: 24759

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.2	10.4	15.6



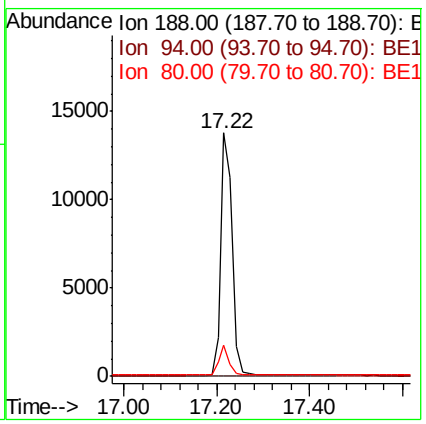


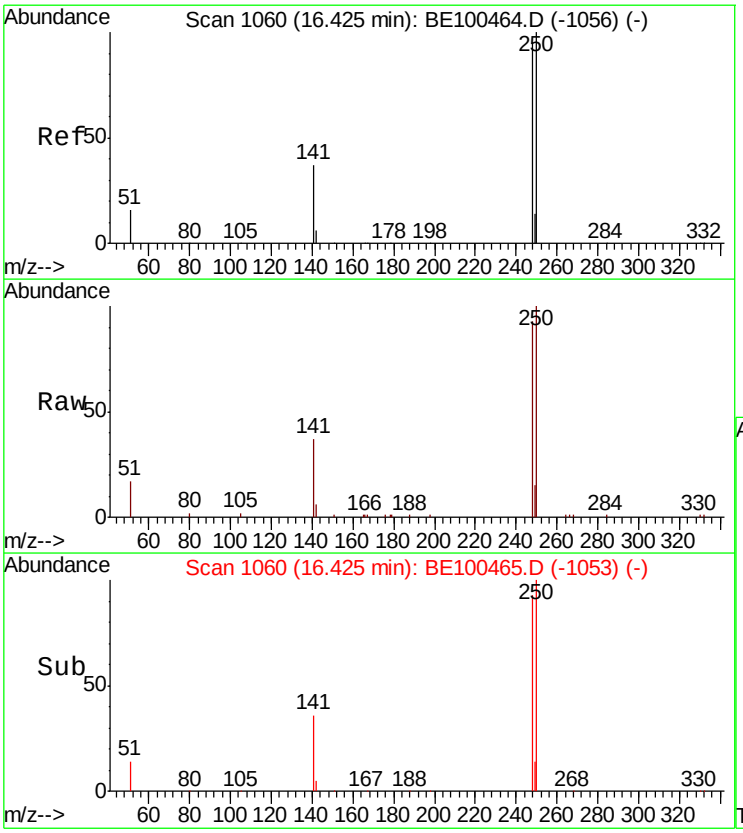
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 23763

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	10.7	16.1

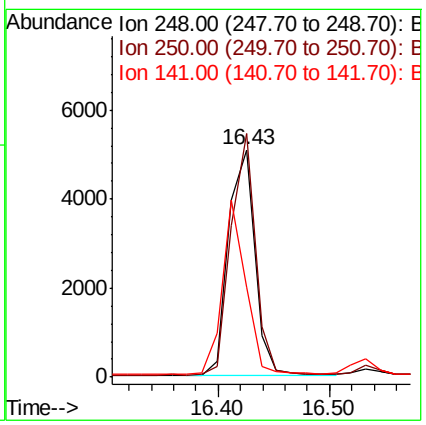


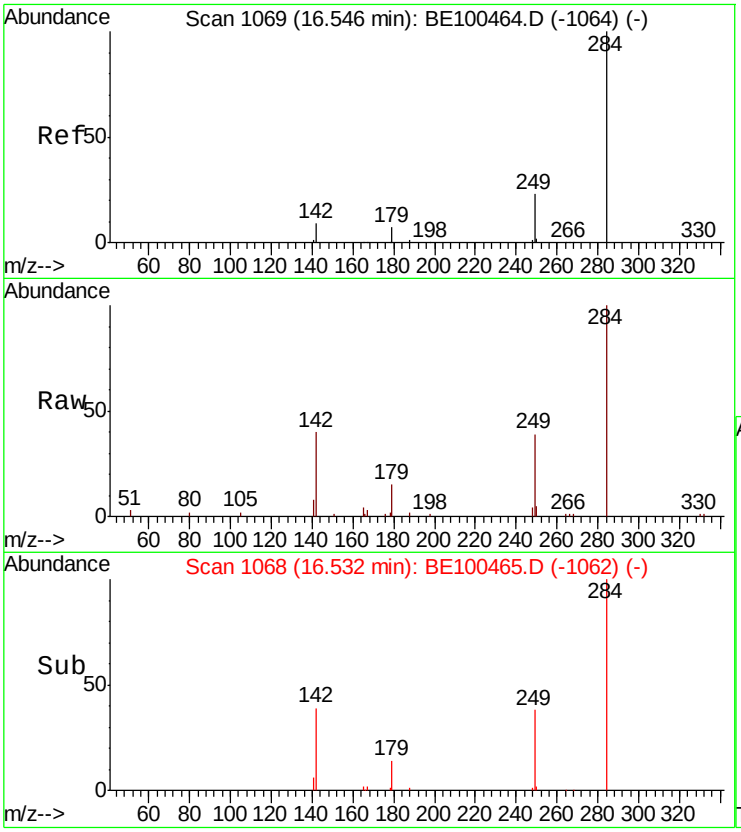


#20
4-Bromophenyl-phenylether
Concen: 0.674 ng
RT: 16.43 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:248 Resp: 8354

Ion	Ratio	Lower	Upper
248	100		
250	107.0	83.9	125.9
141	39.7	33.7	50.5



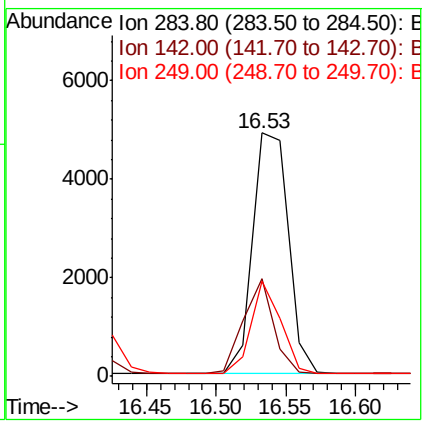


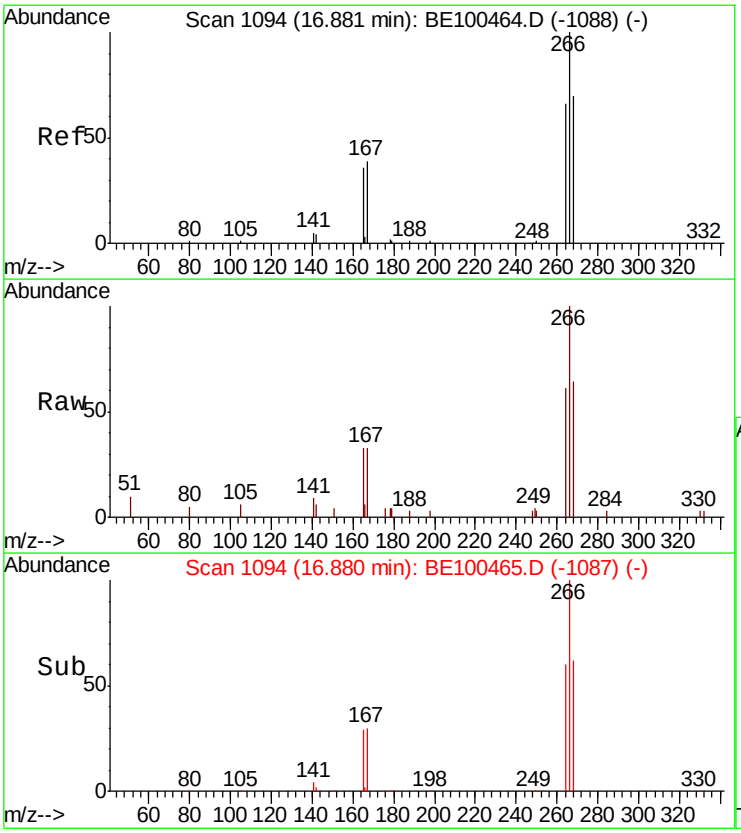
#21
Hexachlorobenzene
Concen: 0.604 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 8758

Ion	Ratio	Lower	Upper
284	100		
142	32.9	27.4	41.2
249	31.6	25.1	37.7

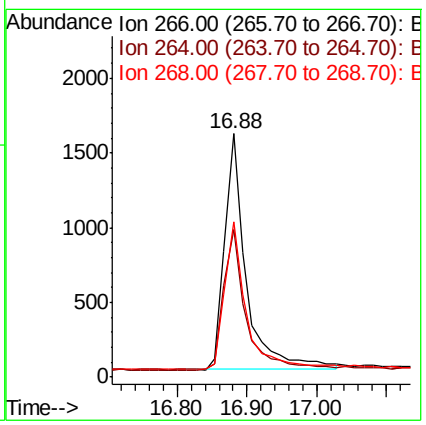


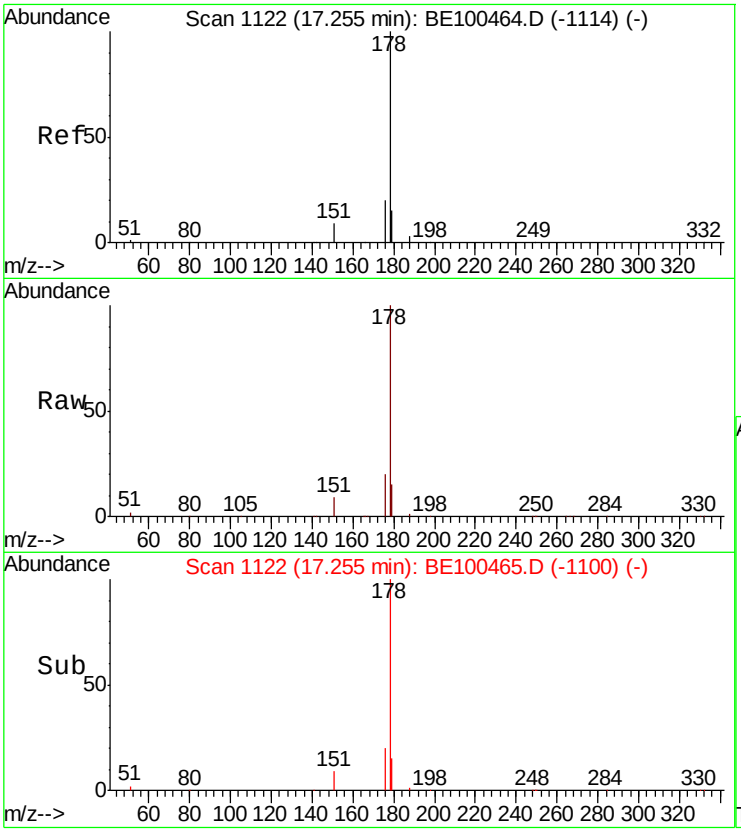


#22
Pentachlorophenol
Concen: 1.343 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:266 Resp: 3399

Ion	Ratio	Lower	Upper
266	100		
264	60.9	55.5	83.3
268	63.7	59.2	88.8



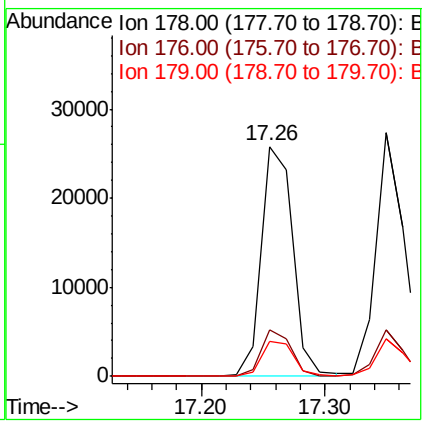


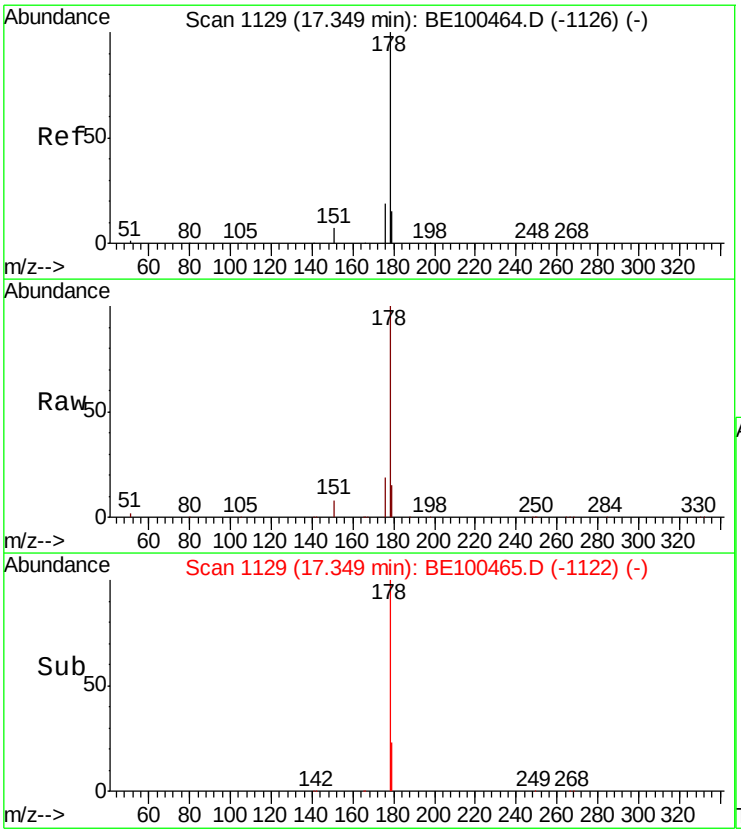
#23
Phenanthrene
Concen: 0.711 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 45039

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.2	12.5	18.7

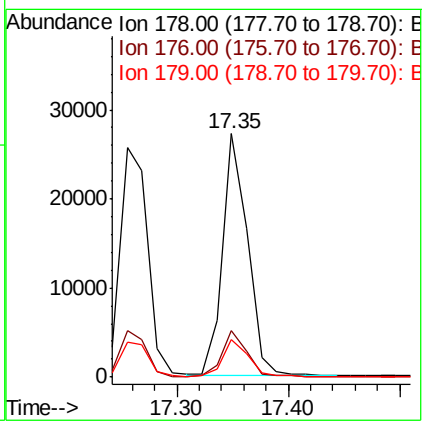


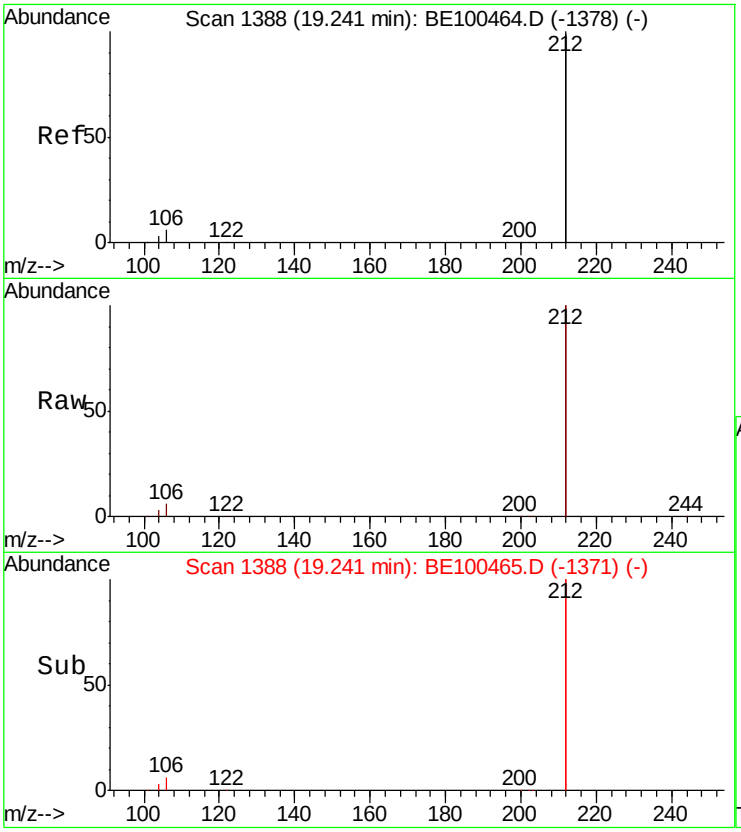


#24
Anthracene
Concen: 0.810 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:178 Resp: 42314

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.4	12.2	18.2



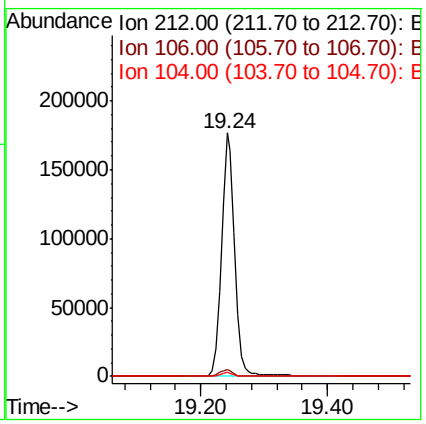


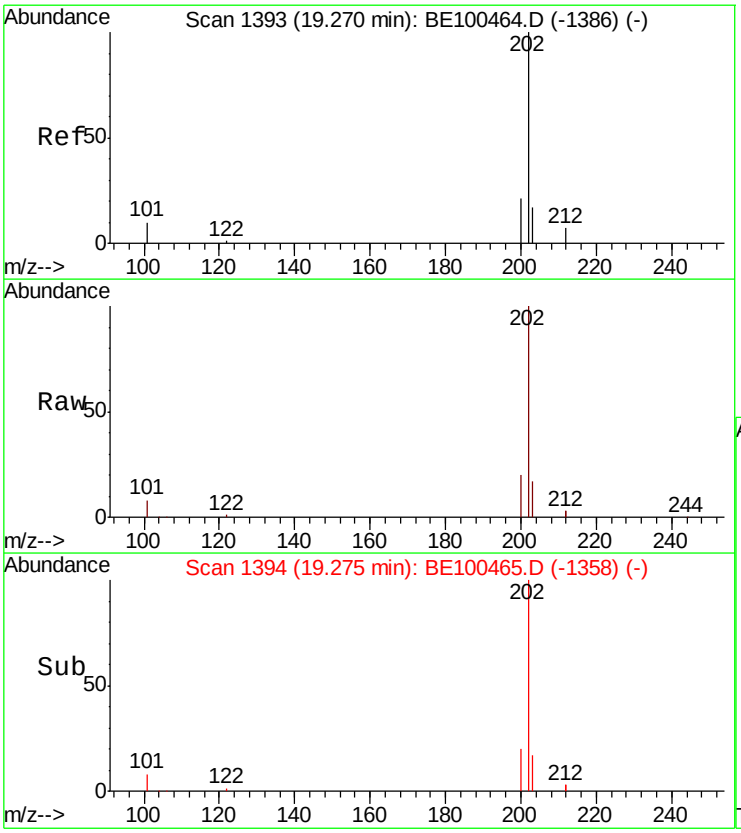
#25
Fluoranthene-d10
Concen: 0.901 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 255129

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.2
104	1.5	1.2	1.8

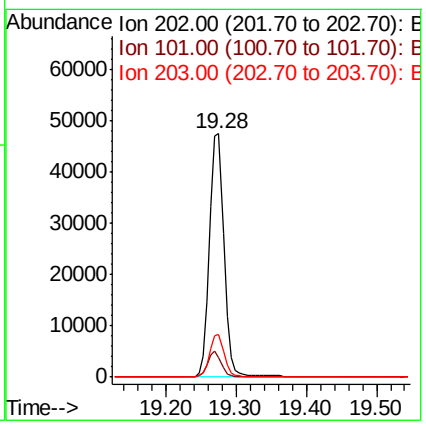


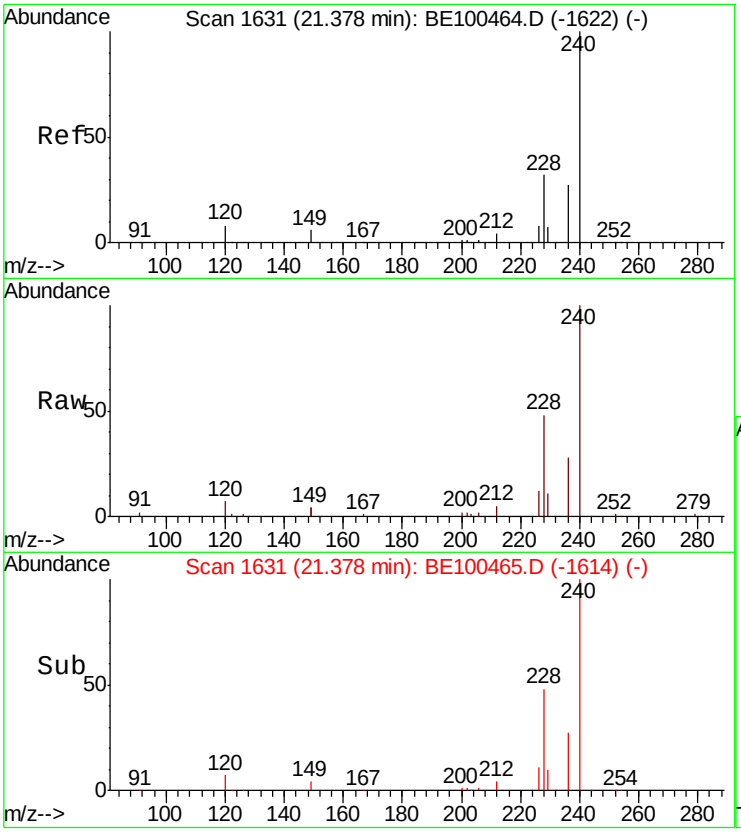


#26
Fluoranthene
Concen: 0.836 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:202 Resp: 67304

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.3	12.5
203	16.9	13.6	20.4



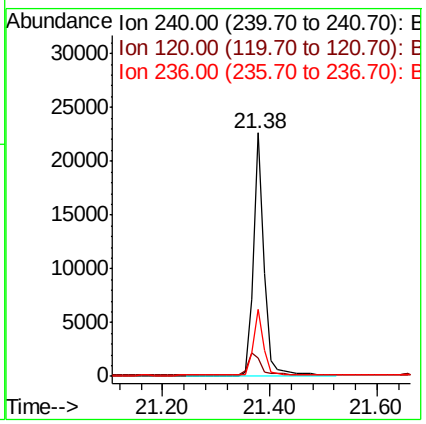


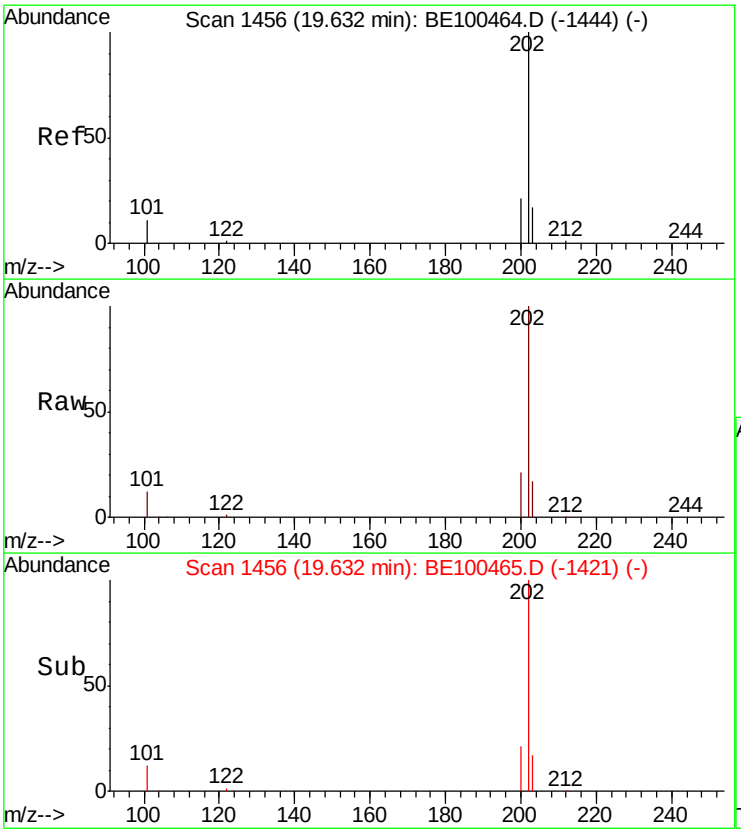
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 31102

Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.1	10.7
236	27.5	21.7	32.5

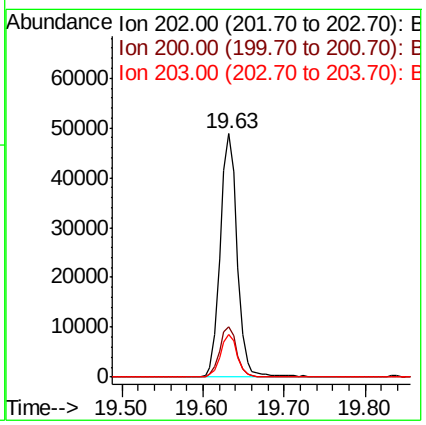


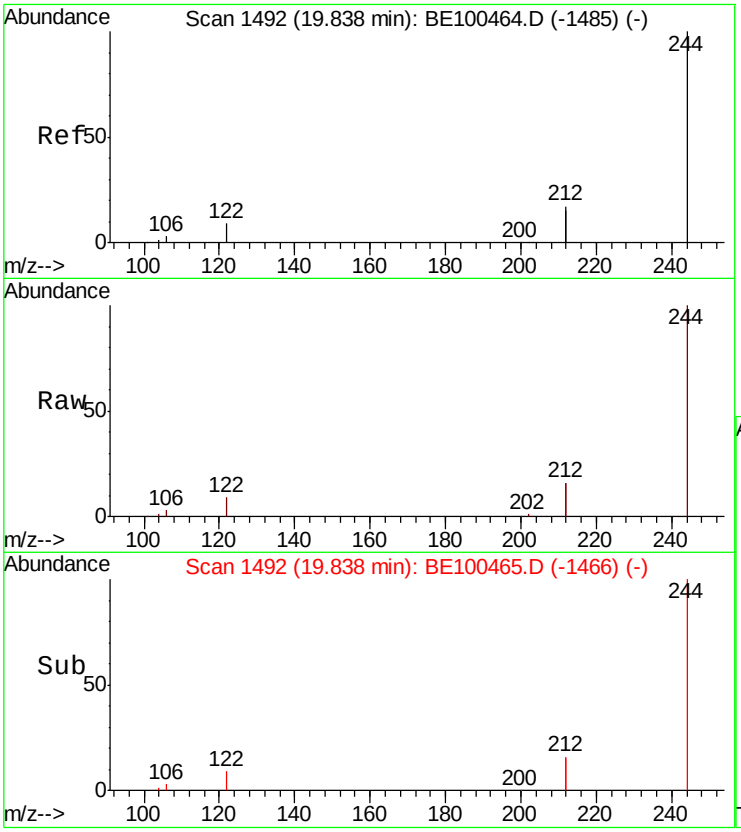


#28
Pyrene
Concen: 0.773 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:202 Resp: 70319

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.4	13.8	20.8



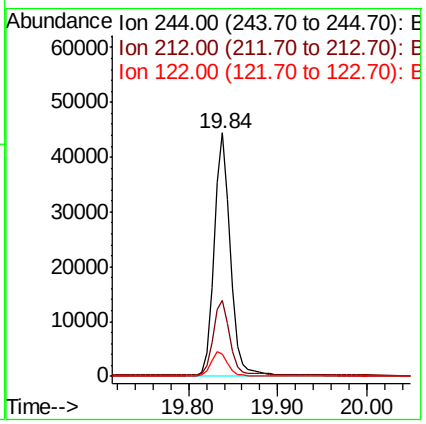


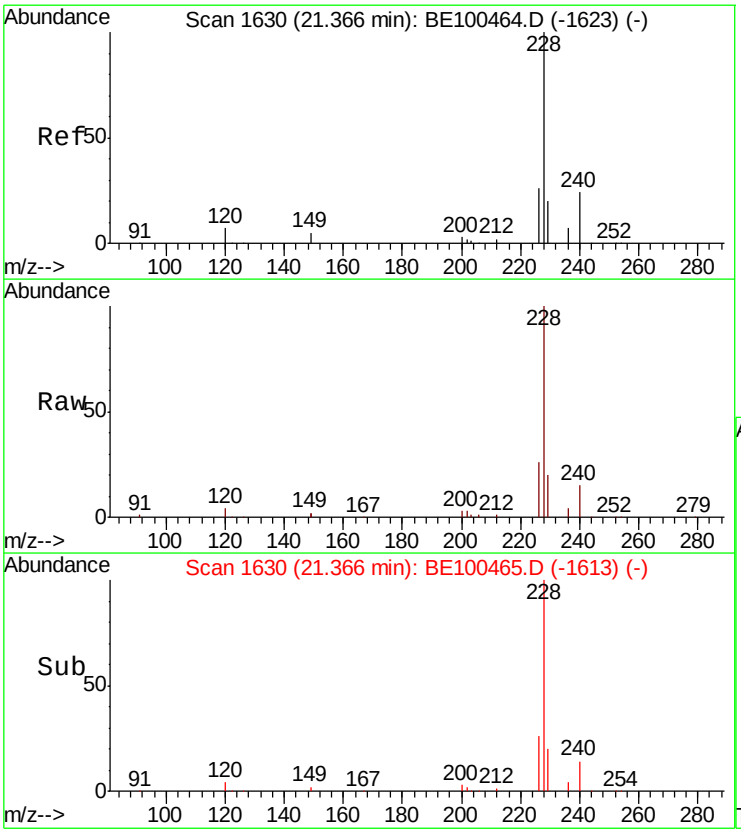
#29
Terphenyl-d14
Concen: 0.738 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 56235

Ion	Ratio	Lower	Upper
244	100		
212	31.4	26.6	40.0
122	9.3	7.6	11.4

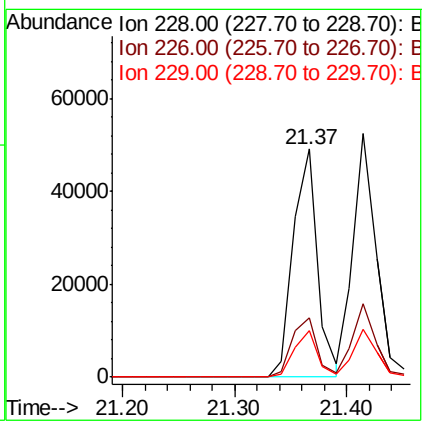


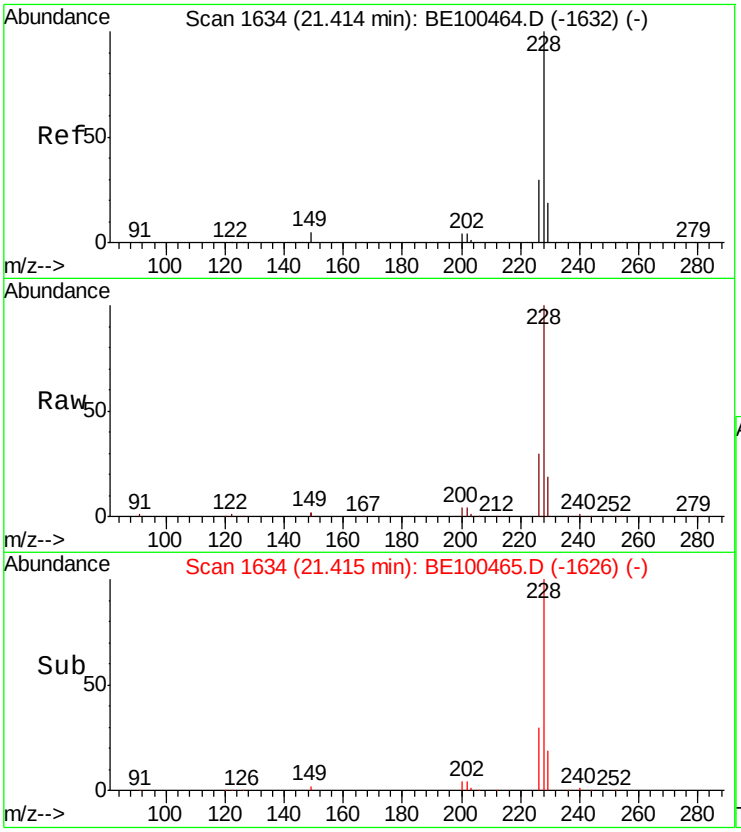


#30
Benzo(a)anthracene
Concen: 0.867 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:228 Resp: 73173

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	20.3	16.6	25.0



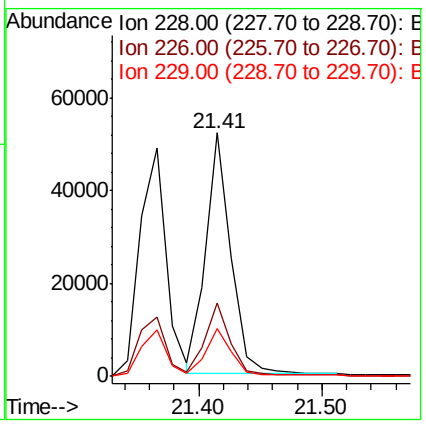


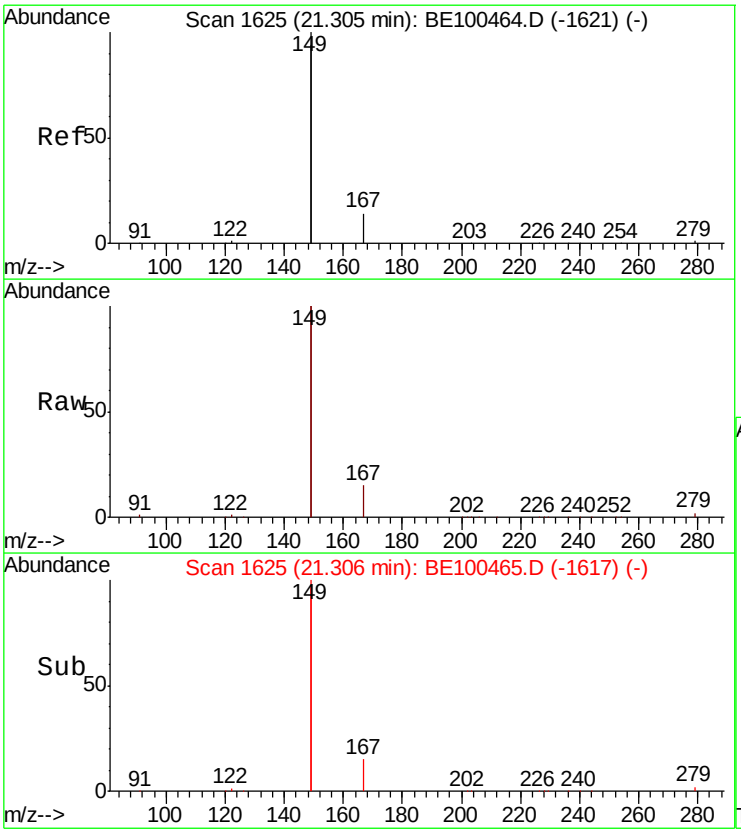
#31
Chrysene
Concen: 0.738 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 73998

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	19.4	16.0	24.0

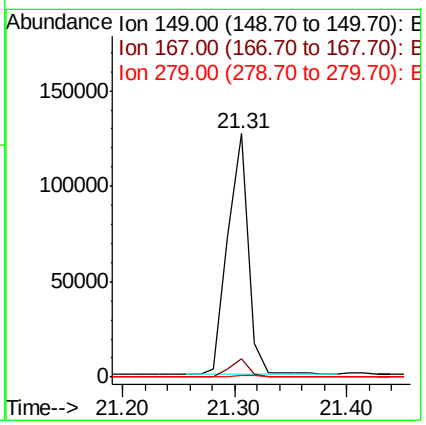


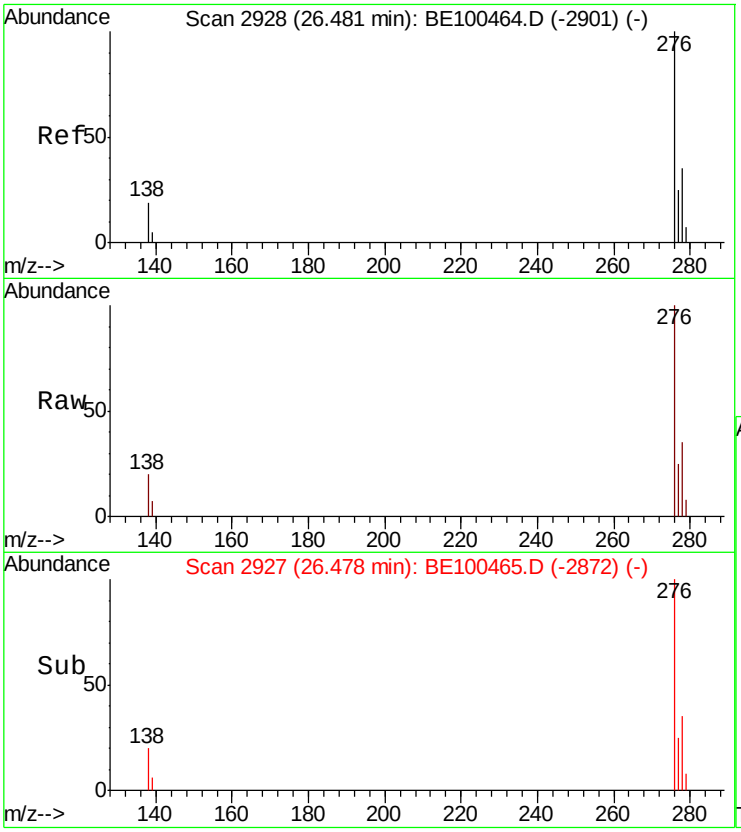


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.626 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:149 Resp: 159006

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.6
279	0.9	0.8	1.2



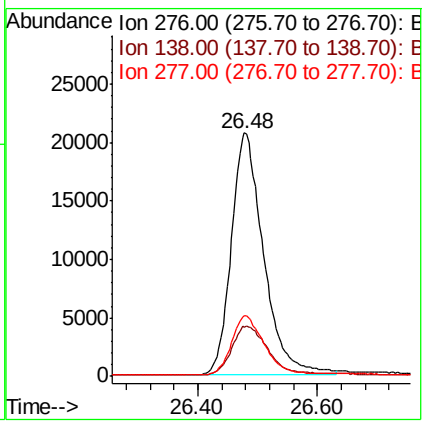


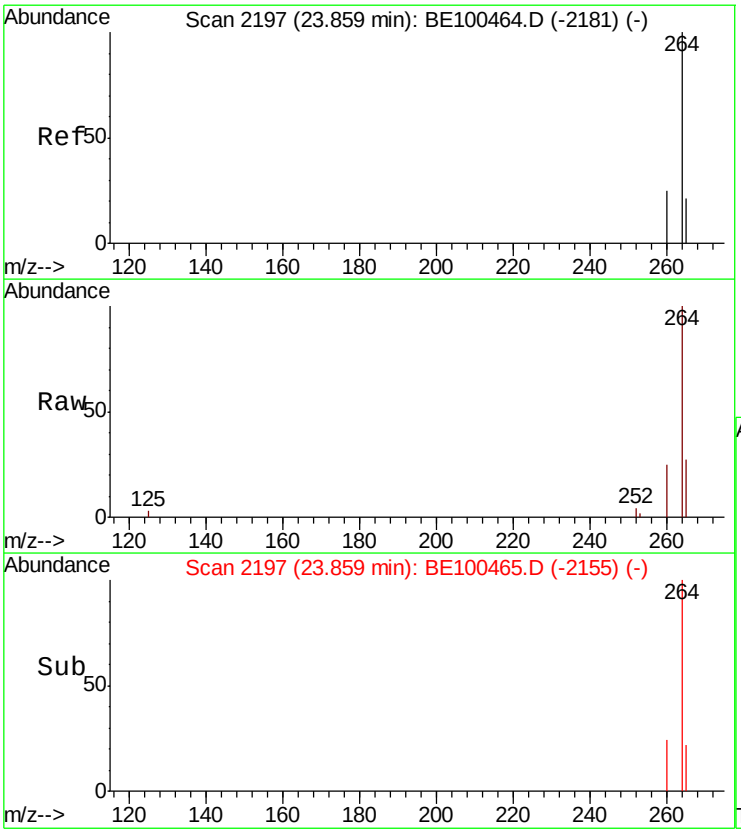
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.875 ng
RT: 26.48 min Scan# 2927
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 78026

Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.4	26.0
277	25.3	19.4	29.0

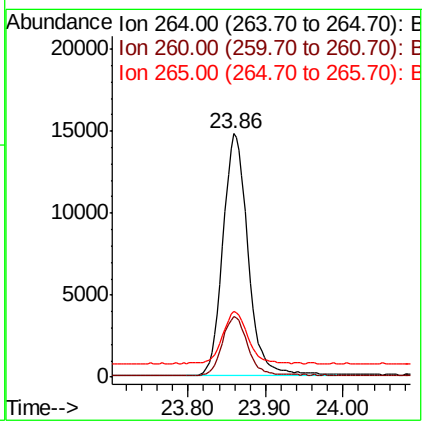


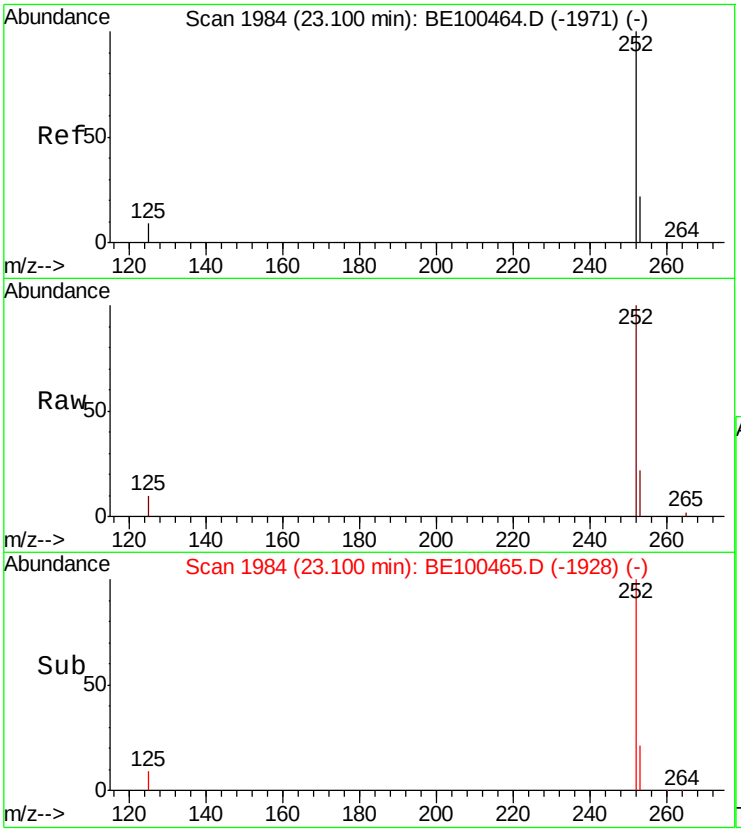


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:264 Resp: 33355

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.7	31.1
265	26.9	23.4	35.0



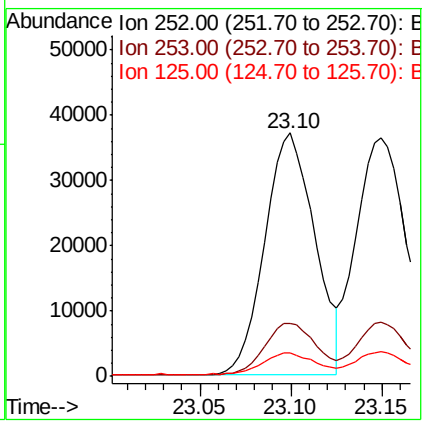


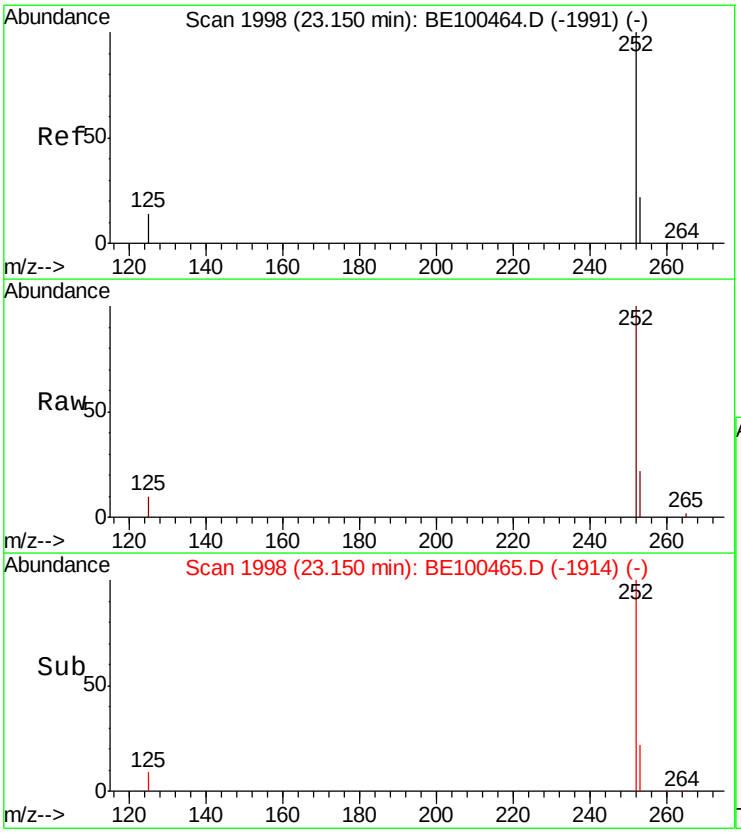
#35
Benzo(b)fluoranthene
Concen: 0.697 ng
RT: 23.10 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 71080

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	9.5	9.0	13.4

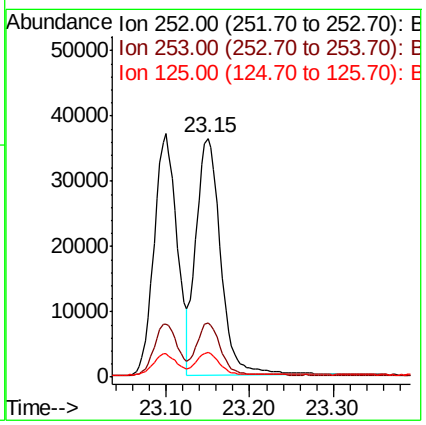


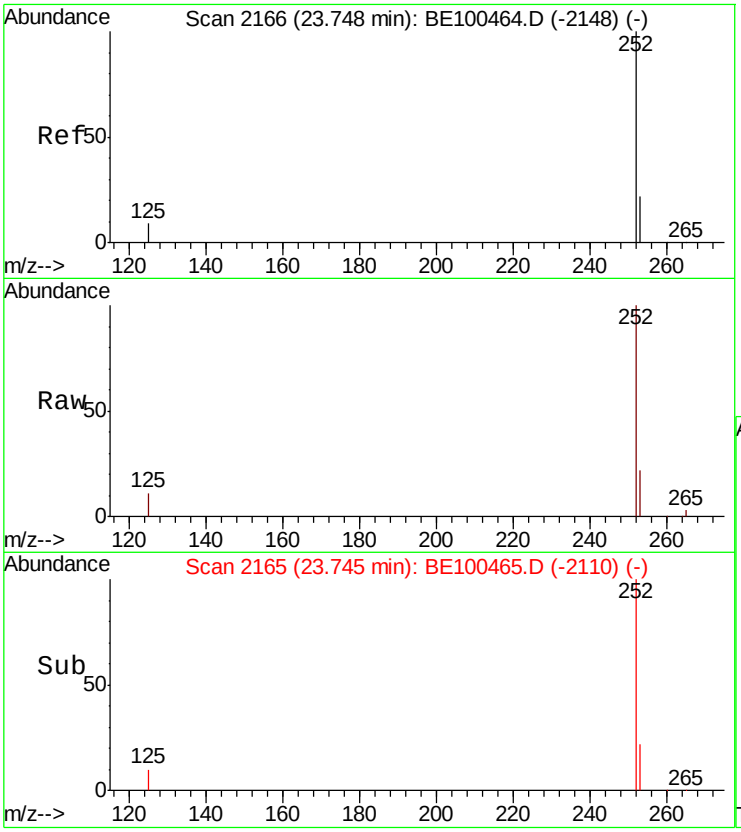


#36
Benzo(k)fluoranthene
Concen: 0.690 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:252 Resp: 74368

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.0	28.4
125	10.2	11.8	17.8#



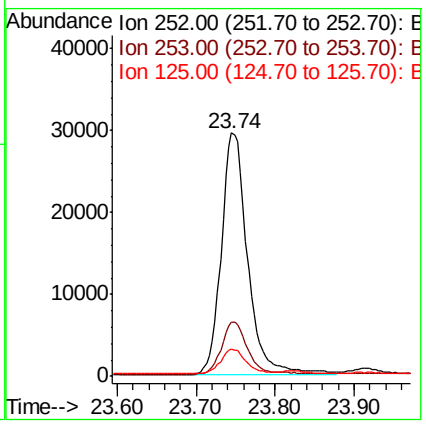


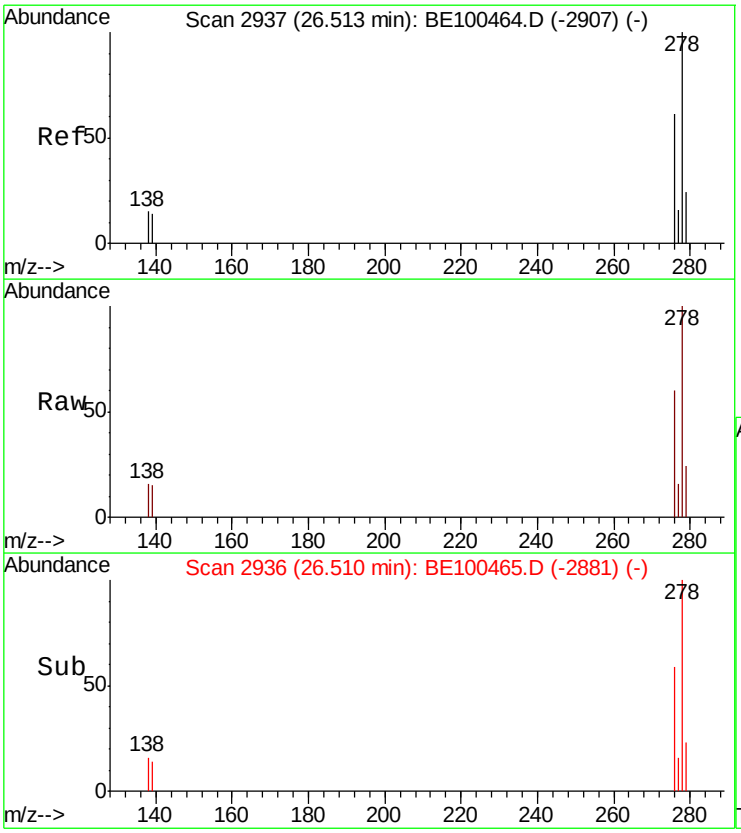
#37
Benzo(a)pyrene
Concen: 0.814 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 68192

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.1	28.7
125	11.0	10.0	15.0

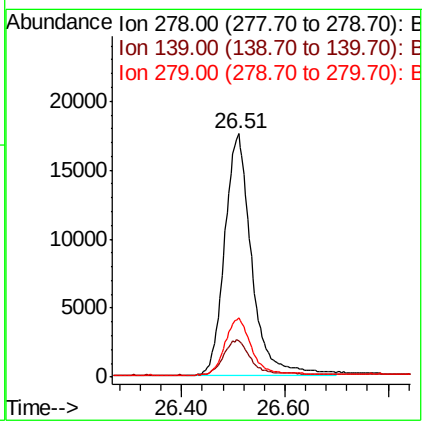


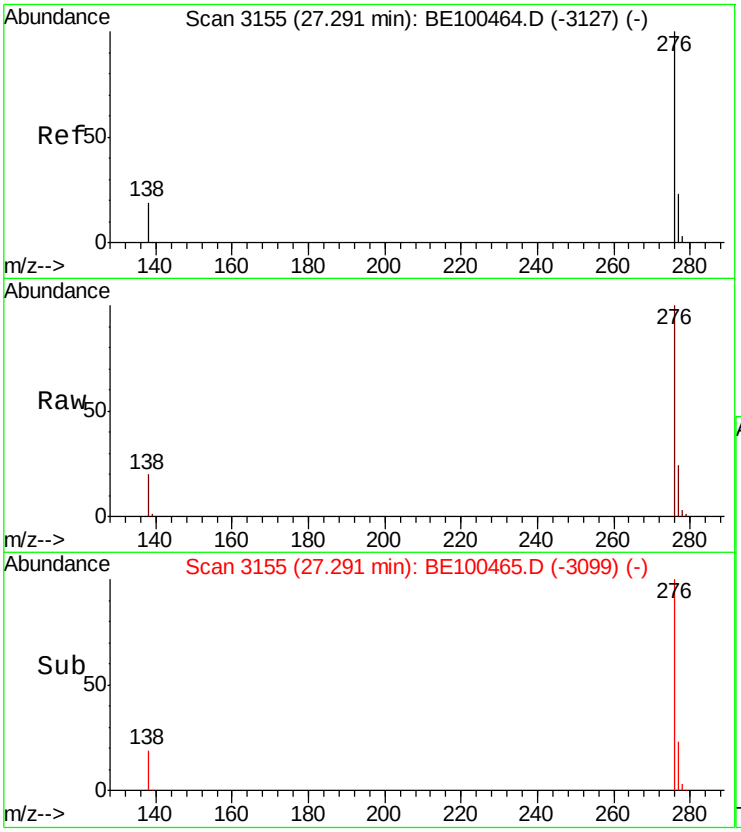


#38
Dibenzo(a,h)anthracene
Concen: 0.717 ng
RT: 26.51 min Scan# 2936
Delta R.T. -0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Tgt Ion:278 Resp: 64057

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.6
279	24.2	20.4	30.6





#39
Benzo(g,h,i)perylene
Concen: 0.704 ng
RT: 27.29 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BE100465.D
Acq: 19 Jul 2019 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 65805

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.9	29.9
138	20.0	16.7	25.1