Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
Data File : BE100466.D
Acq On : 19 Jul 2019 11:50
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Jul 19 13:33:56 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	2597	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	10535	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	6736	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	18105	0.40	ng		0.00
27) Chrysene-d12	21.38	240	23383	0.40	ng		0.00
34) Perylene-d12	23.86	264	24823	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	10399	2.10	ng		0.00
5) Phenol-d6	7.04	99	14966	2.05	ng		0.00
8) Nitrobenzene-d5	9.02	82	14015	2.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	27985	1.76	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	4920	3.23	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	43919	1.46	ng		0.00
25) Fluoranthene-d10	19.24	212	415669	1.93	ng		0.00
29) Terphenyl-d14	19.83	244	89202	1.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	5880	1.531	ng		88
3) n-Nitrosodimethylamine	3.68	42	4043	1.796	ng	#	90
6) bis(2-Chloroethyl)ether	7.30	93	12817	1.737	ng		98
9) Naphthalene	10.72	128	163970	1.597	ng		100
10) Hexachlorobutadiene	11.02	225	7722	1.553	ng		98
12) 2-Methylnaphthalene	12.32	142	29268	1.706	ng		98
16) Acenaphthylene	14.23	152	50380	1.849	ng		99
17) Acenaphthene	14.56	154	30871	1.649	ng		99
18) Fluorene	15.53	166	41677	1.726	ng		98
20) 4-Bromophenyl-phenylether	16.43	248	14056	1.488	ng		97
21) Hexachlorobenzene	16.53	284	14470	1.310	ng		98
22) Pentachlorophenol	16.88	266	6113	3.171	ng		91
23) Phenanthrene	17.25	178	74783	1.550	ng		99
24) Anthracene	17.35	178	70709	1.776	ng		100
26) Fluoranthene	19.27	202	109902	1.793	ng		99
28) Pyrene	19.63	202	113666	1.662	ng		100
30) Benzo(a)anthracene	21.37	228	117761	1.856	ng		99
31) Chrysene	21.41	228	117782	1.563	ng		99
32) Bis(2-ethylhexyl)phthalate	21.30	149	254241	5.586	ng		100
33) Indeno(1,2,3-cd)pyrene	26.48	276	127489	1.903	ng		99
35) Benzo(b)fluoranthene	23.10	252	113314	1.494	ng		97
36) Benzo(k)fluoranthene	23.15	252	121223	1.510	ng	#	93
37) Benzo(a)pyrene	23.74	252	109878	1.762	ng		96
38) Dibenzo(a,h)anthracene	26.51	278	104247	1.568	ng		97
39) Benzo(g,h,i)perylene	27.28	276	105512	1.517	ng		99

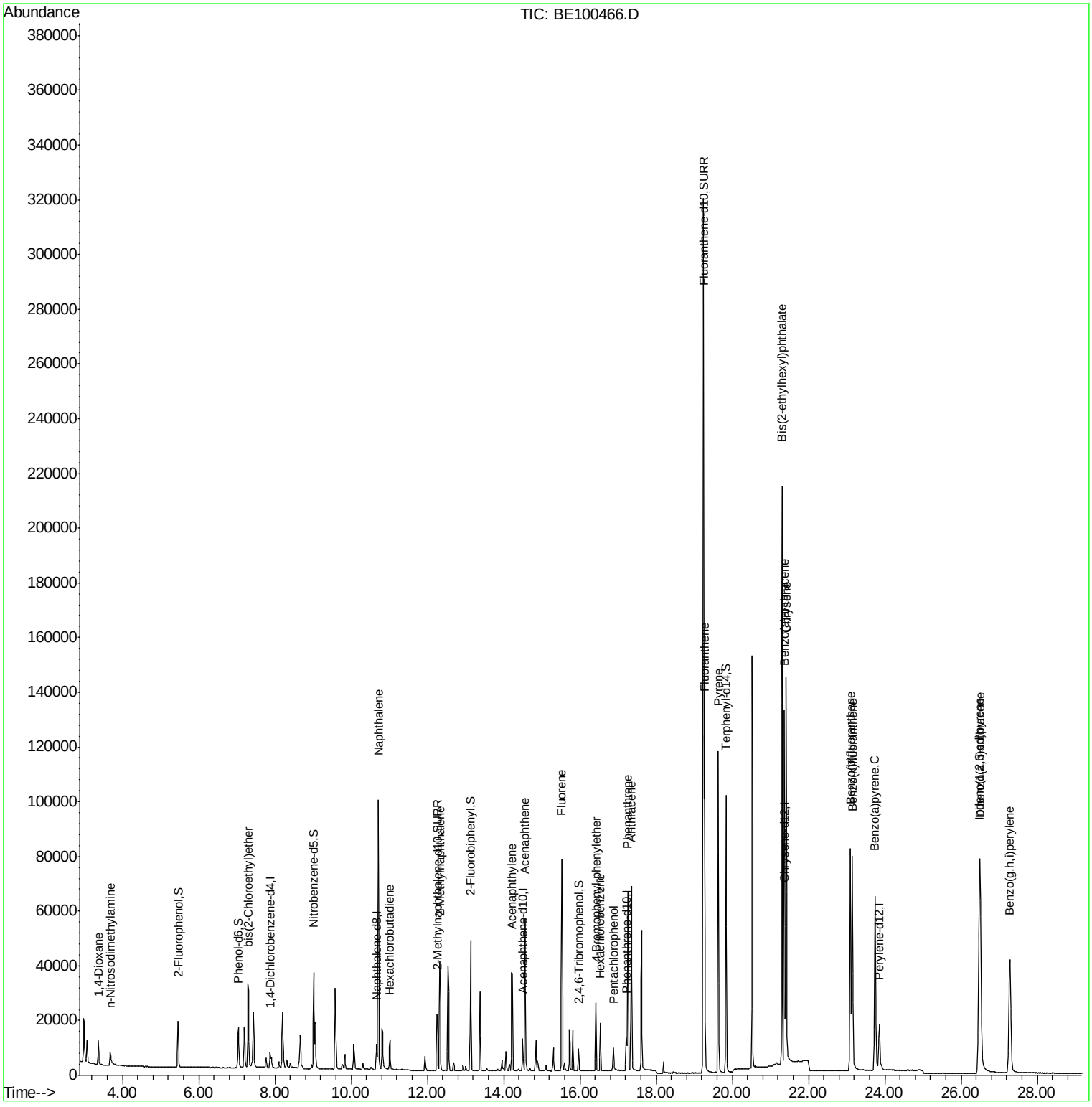
(#) = qualifier out of range (m) = manual integration (+) = signals summed

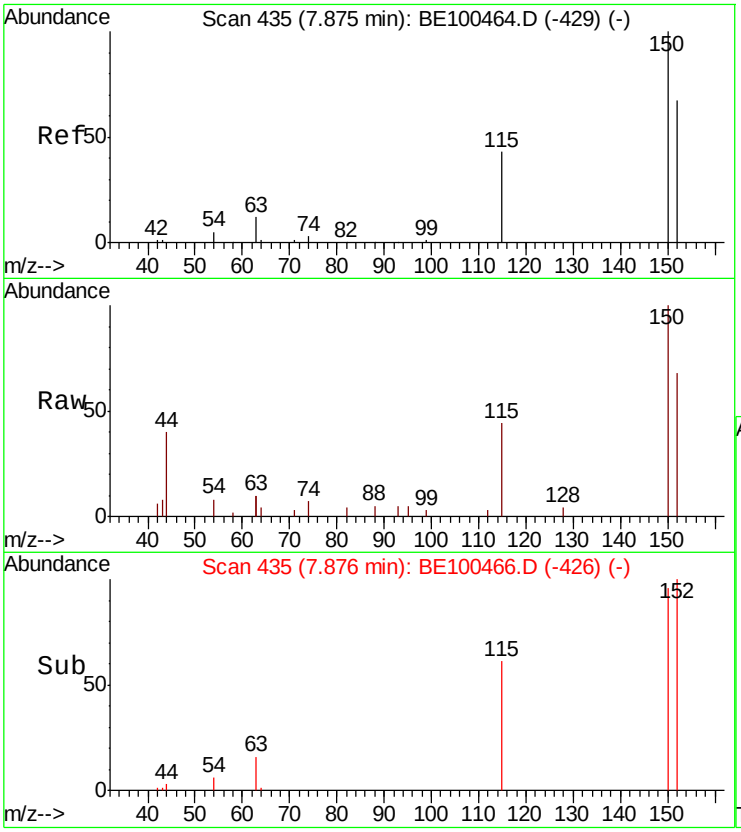
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
Data File : BE100466.D
Acq On : 19 Jul 2019 11:50
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Jul 19 13:33:56 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



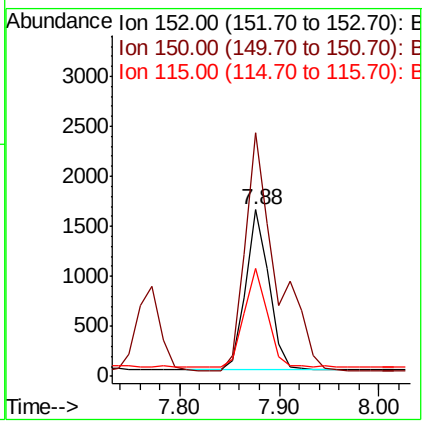


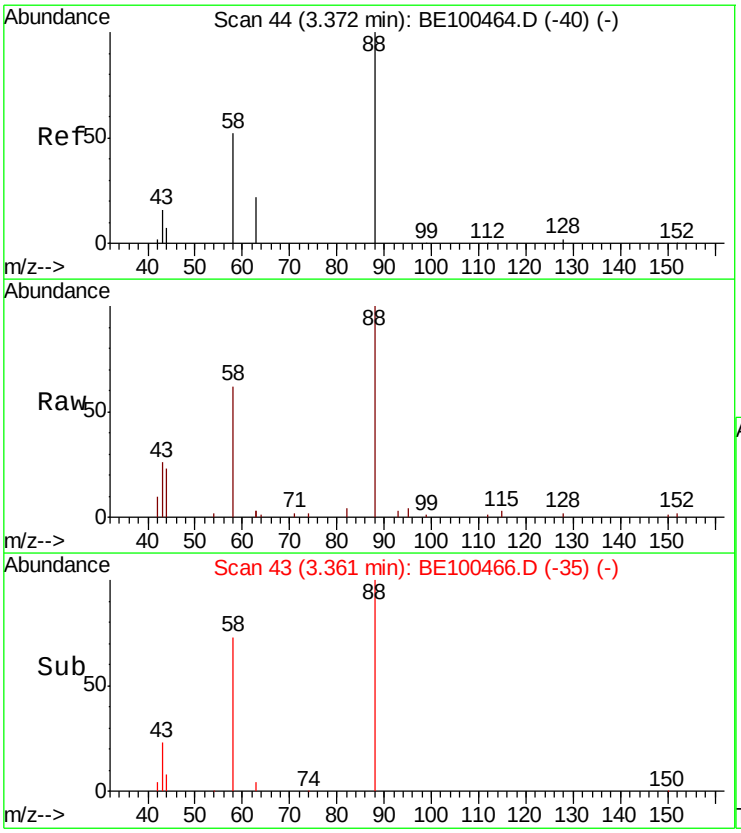
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 2597

Ion	Ratio	Lower	Upper
152	100		
150	146.2	117.6	176.4
115	64.6	54.9	82.3

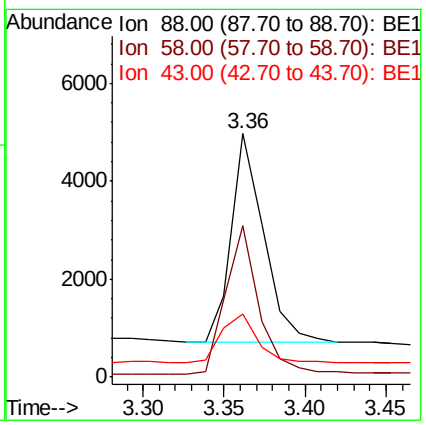


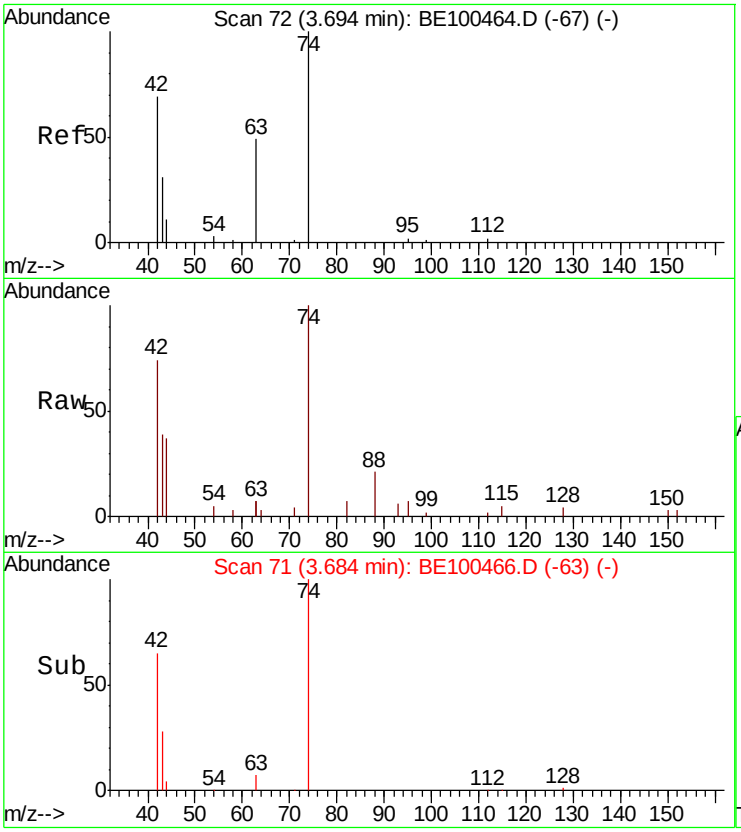


#2
1,4-Dioxane
Concen: 1.531 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion: 88 Resp: 5880

Ion	Ratio	Lower	Upper
88	100		
58	73.5	50.2	75.4
43	26.9	19.1	28.7



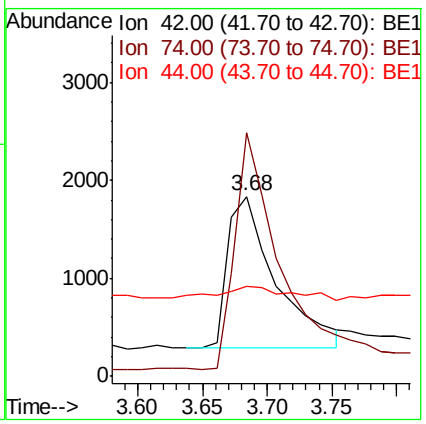


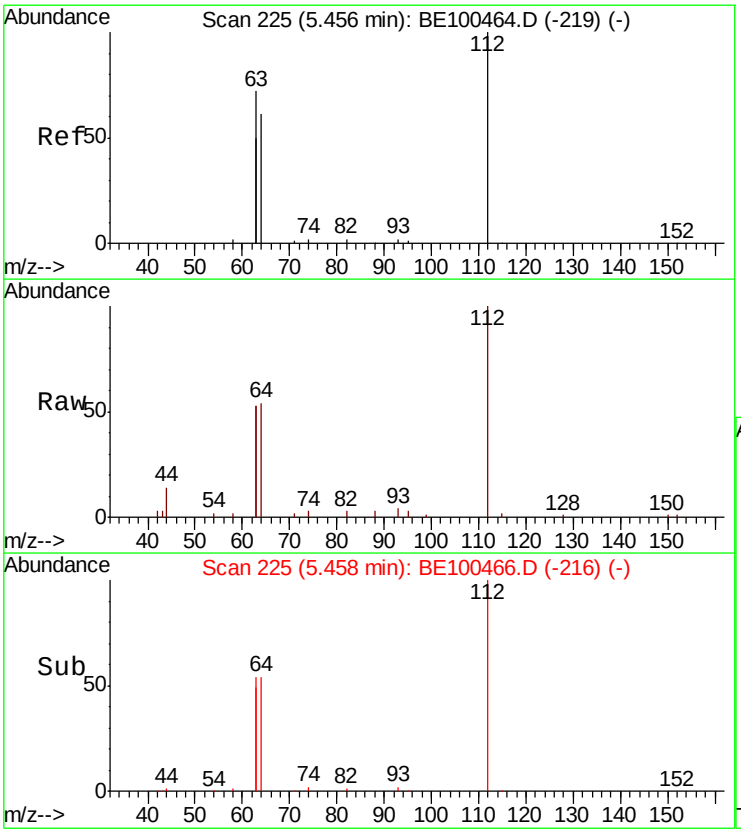
#3
n-Nitrosodimethylamine
Concen: 1.796 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 4043

Ion	Ratio	Lower	Upper
42	100		
74	144.2	105.8	158.8
44	13.9	0.0	0.0#

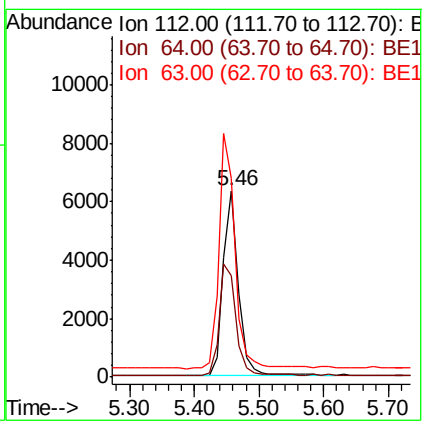


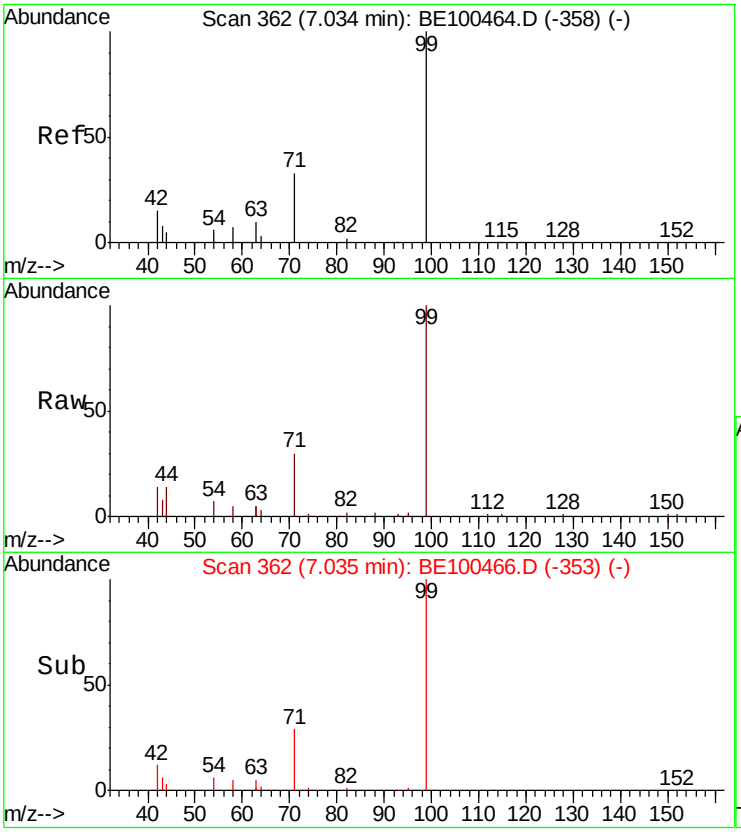


#4
2-Fluorophenol
Concen: 2.105 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:112 Resp: 10399

Ion	Ratio	Lower	Upper
112	100		
64	66.1	51.9	77.9
63	134.1	103.9	155.9



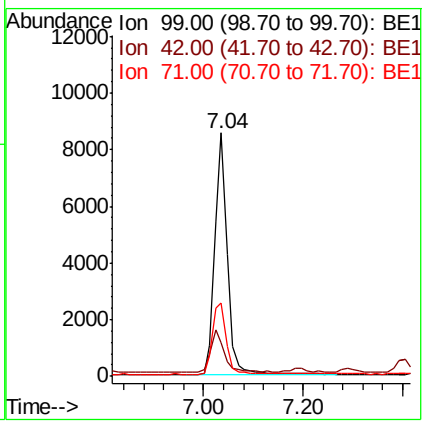


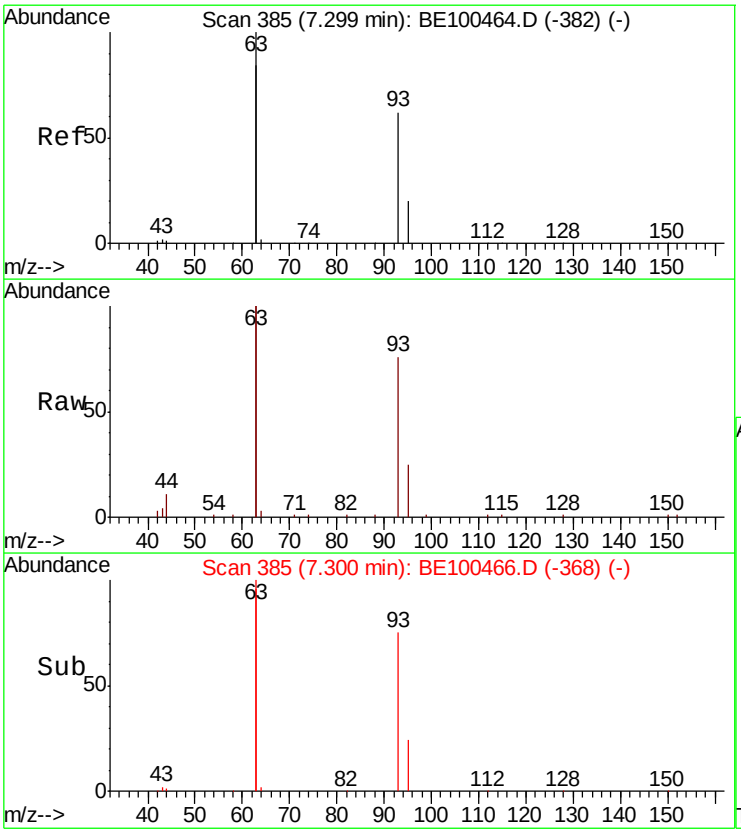
#5
Phenol-d6
Concen: 2.050 ng
RT: 7.04 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 14966

Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.2	24.4
71	33.0	26.0	39.0

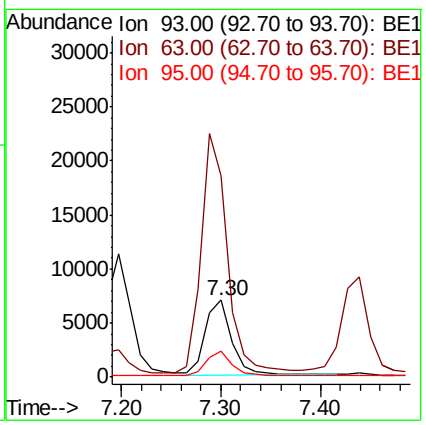


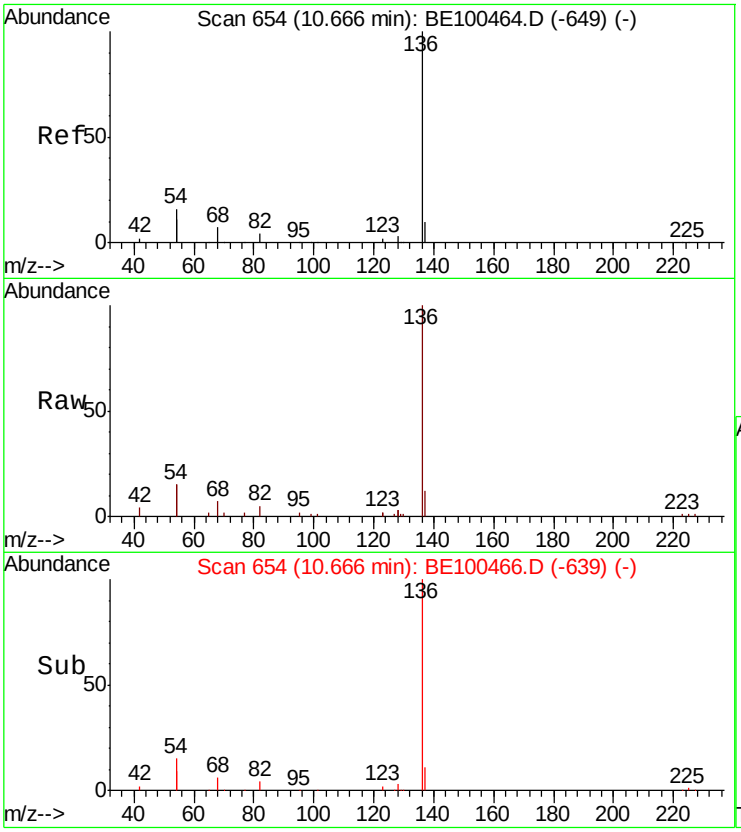


#6
bis(2-Chloroethyl)ether
Concen: 1.737 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion: 93 Resp: 12817

Ion	Ratio	Lower	Upper
93	100		
63	315.1	248.4	372.6
95	31.6	24.7	37.1



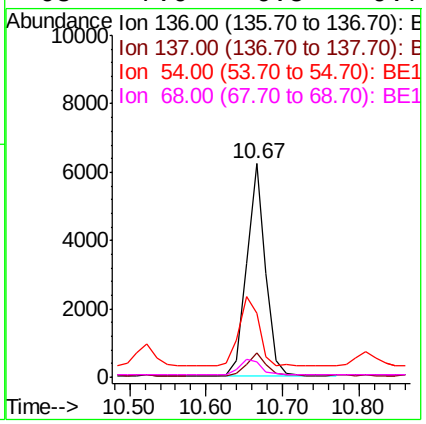


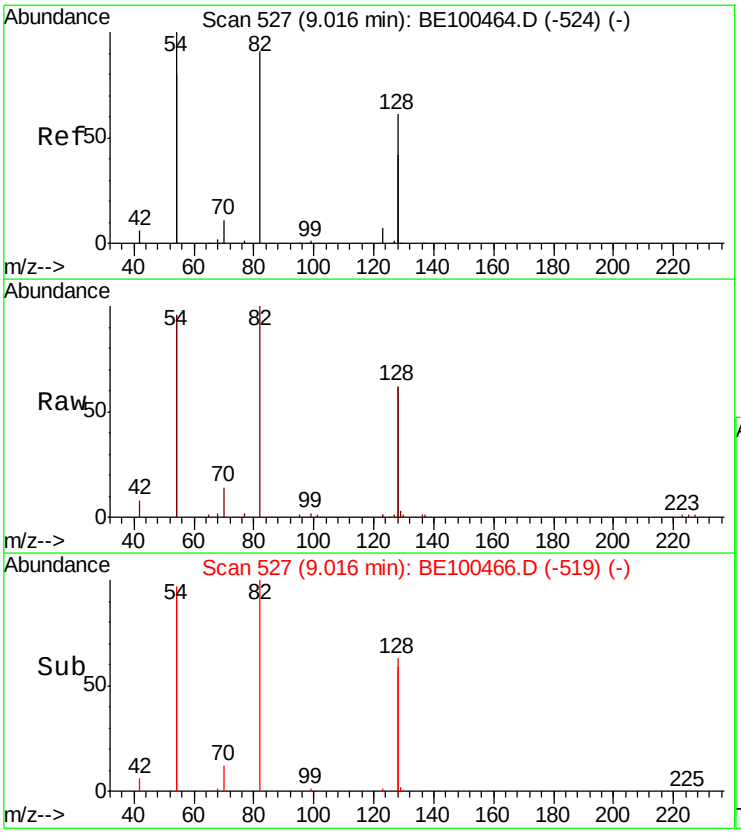
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 10535

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	29.8	26.2	39.2
68	7.0	6.5	9.7

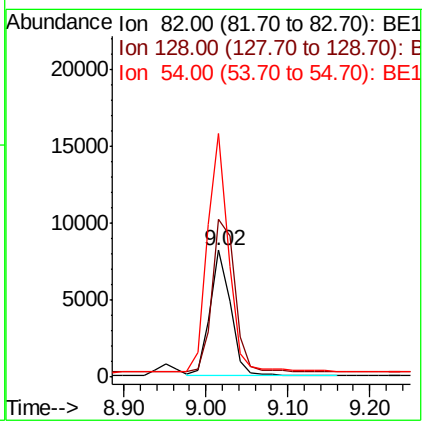


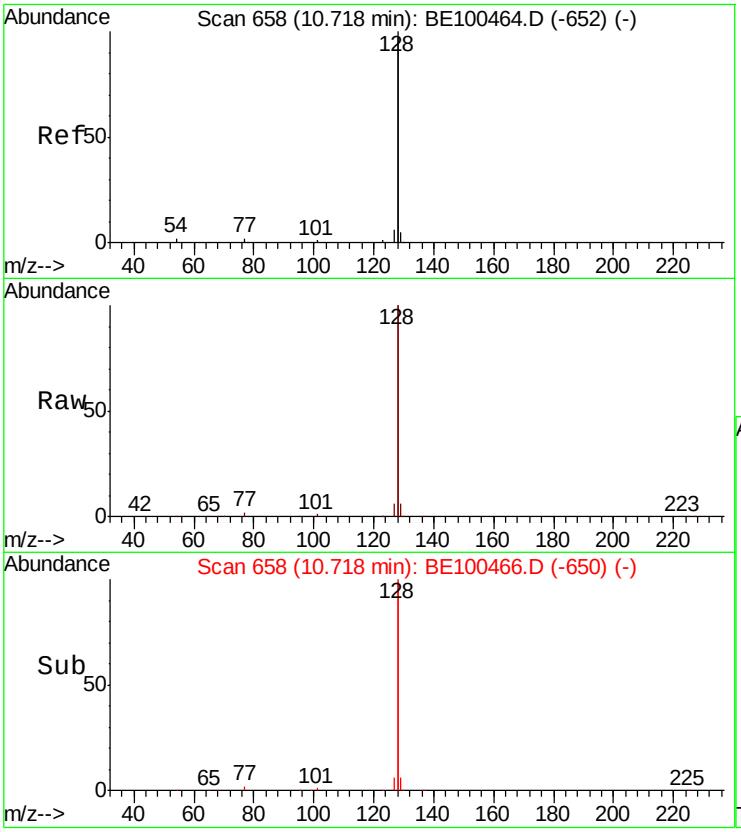


#8
Nitrobenzene-d5
Concen: 2.410 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion: 82 Resp: 14015

Ion	Ratio	Lower	Upper
82	100		
128	124.9	100.7	151.1
54	192.4	164.4	246.6



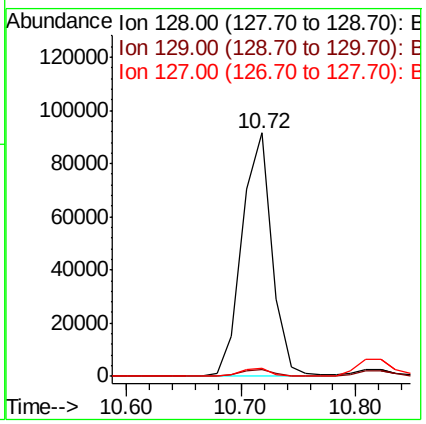


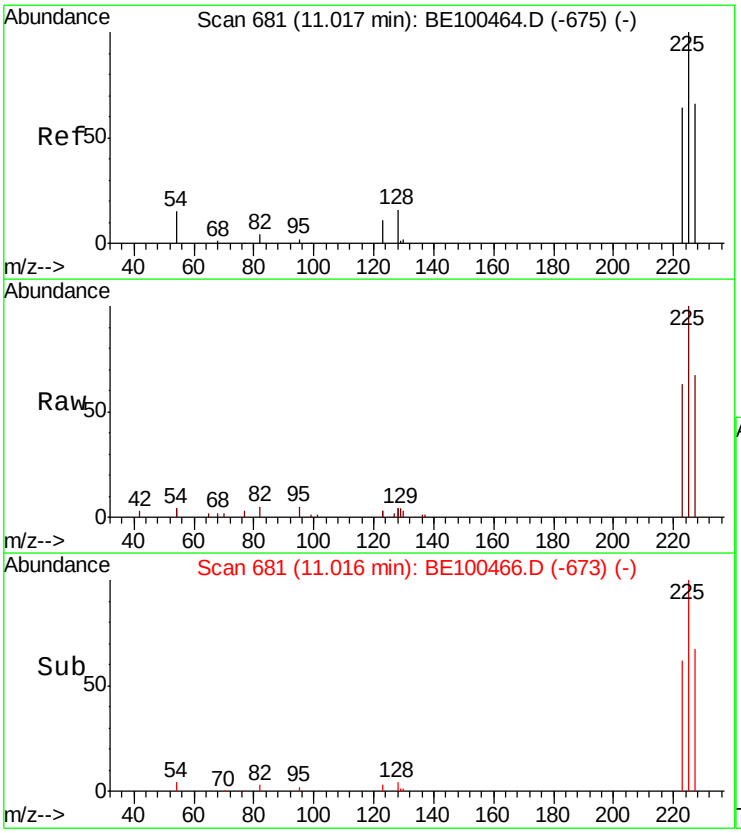
#9
Naphthalene
Concen: 1.597 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 163970

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

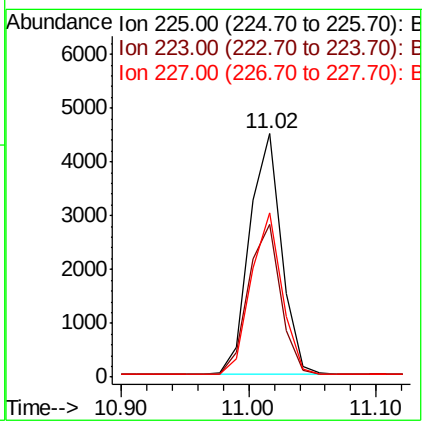


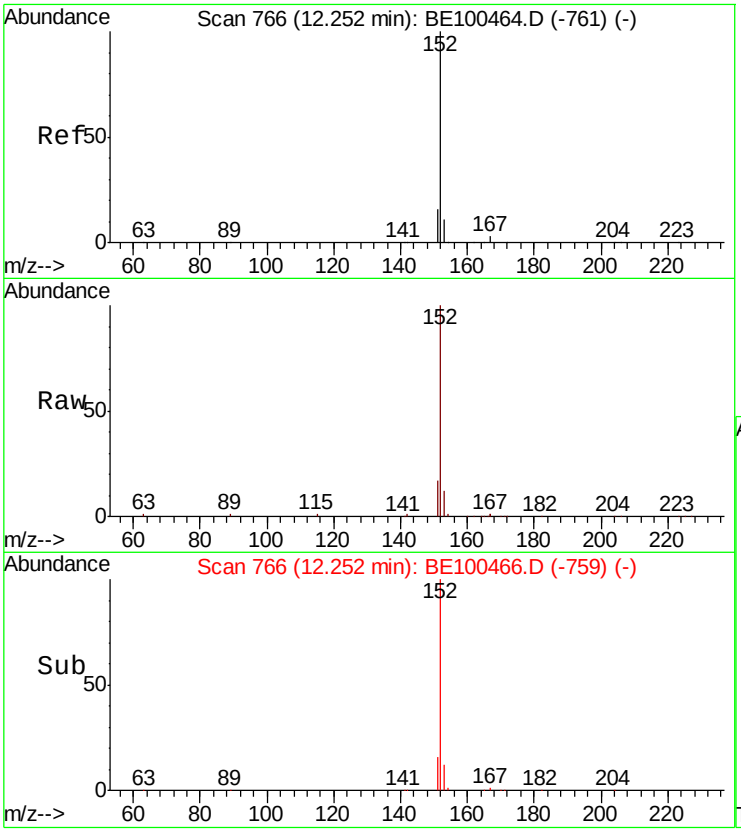


#10
Hexachlorobutadiene
Concen: 1.553 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:225 Resp: 7722

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.7	77.5
227	65.4	50.9	76.3



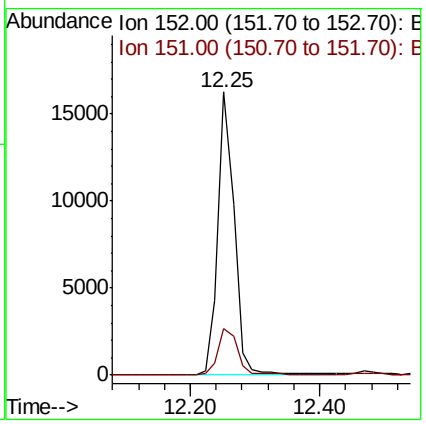


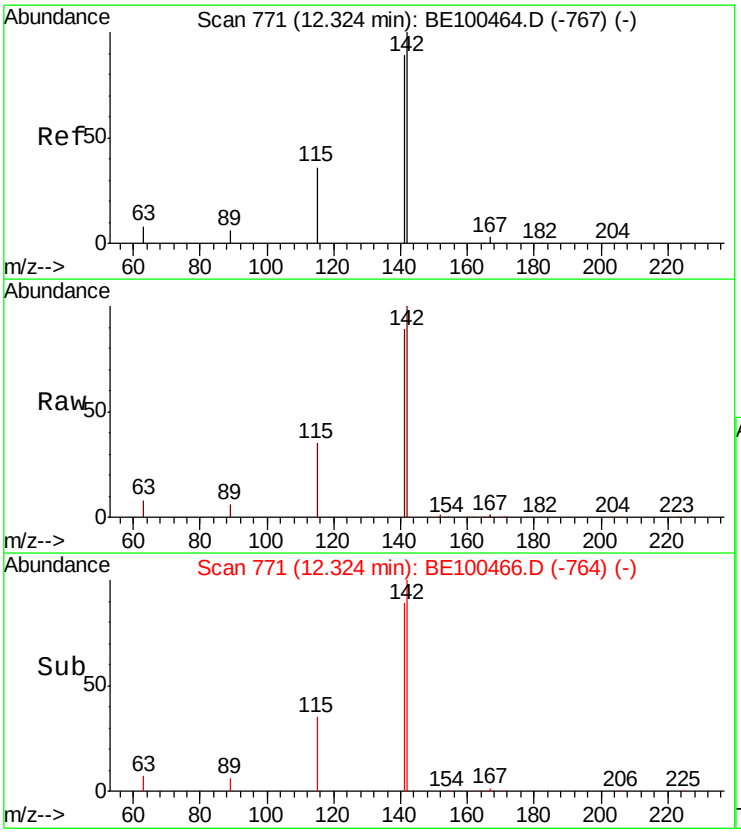
#11
2-Methylnaphthalene-d10
Concen: 1.756 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 27985

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.6

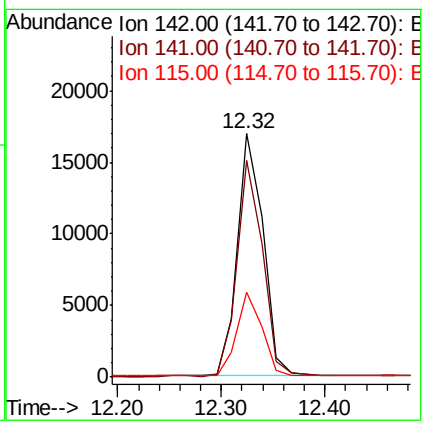


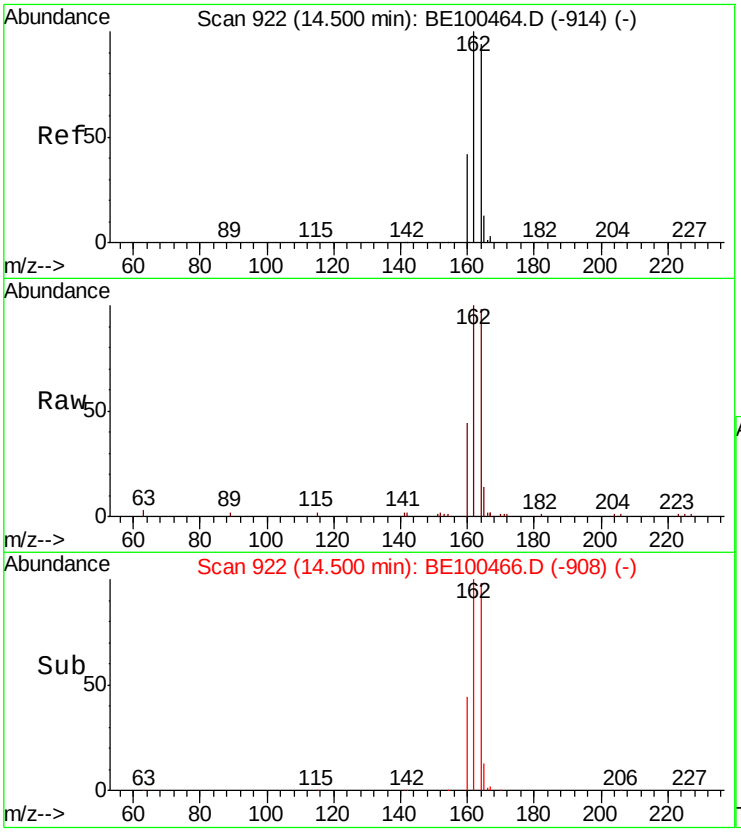


#12
2-Methylnaphthalene
Concen: 1.706 ng
RT: 12.32 min Scan# 771
Delta R.T. 0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:142 Resp: 29268

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.7	107.5
115	35.0	30.4	45.6



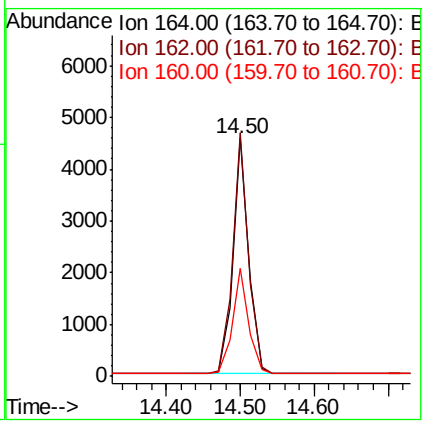


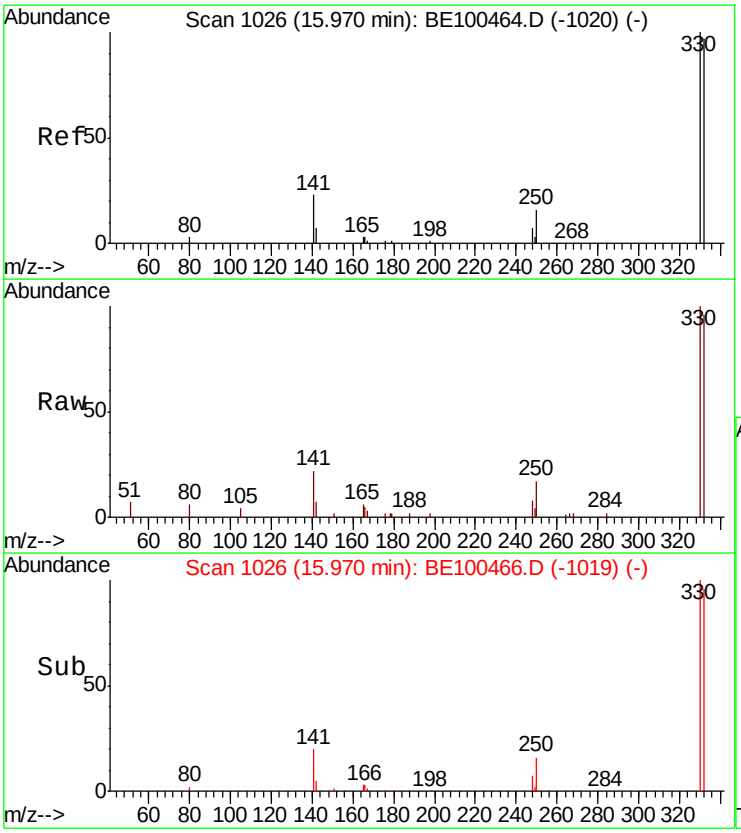
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 6736

Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.0	127.6
160	45.3	36.2	54.2

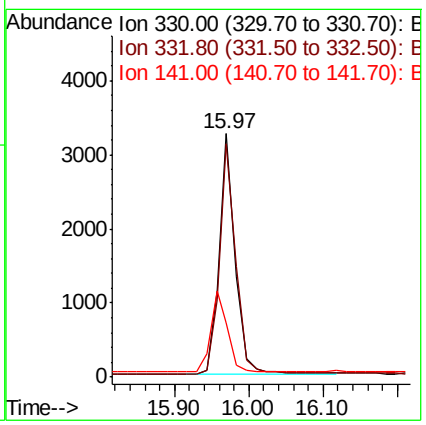


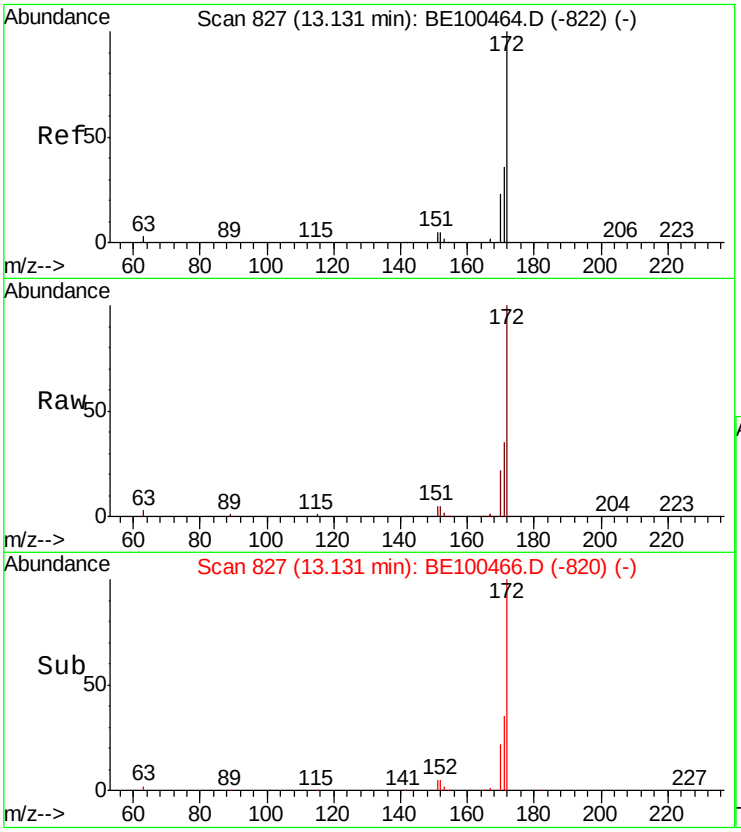


#14
2,4,6-Tribromophenol
Concen: 3.233 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:330 Resp: 4920

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.3	114.5
141	35.5	29.4	44.2



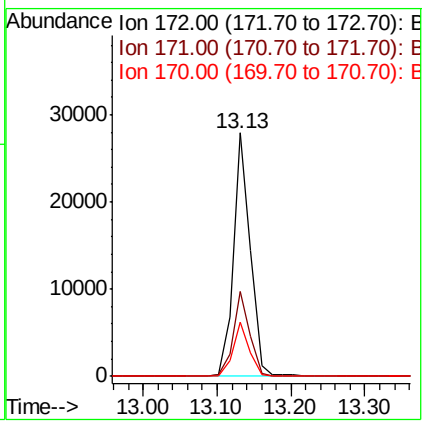


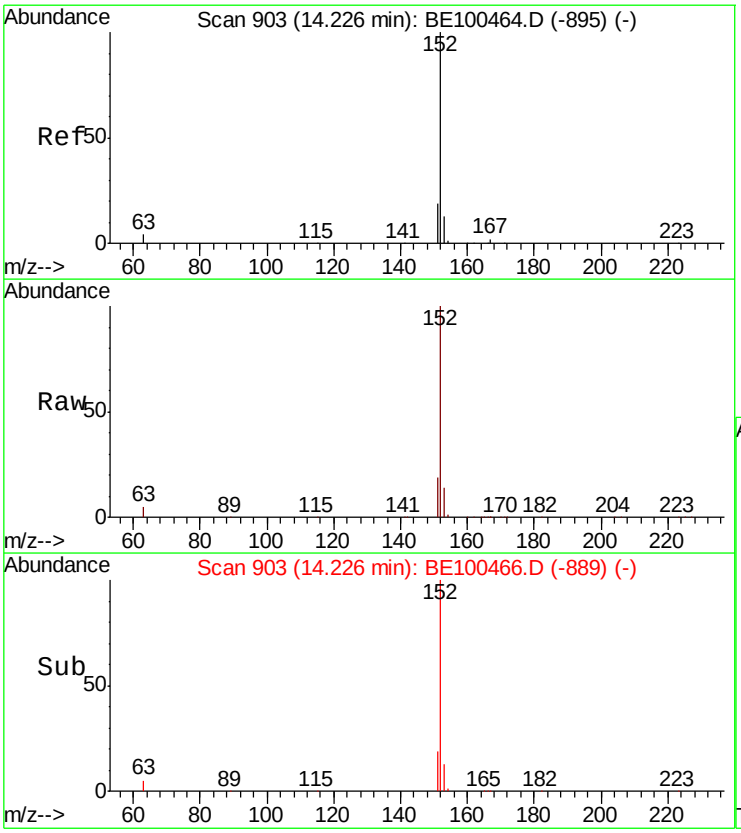
#15
2-Fluorobiphenyl
Concen: 1.455 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 43919

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.2	43.8
170	22.0	18.8	28.2

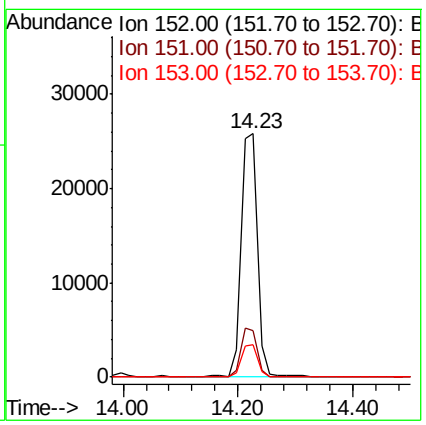


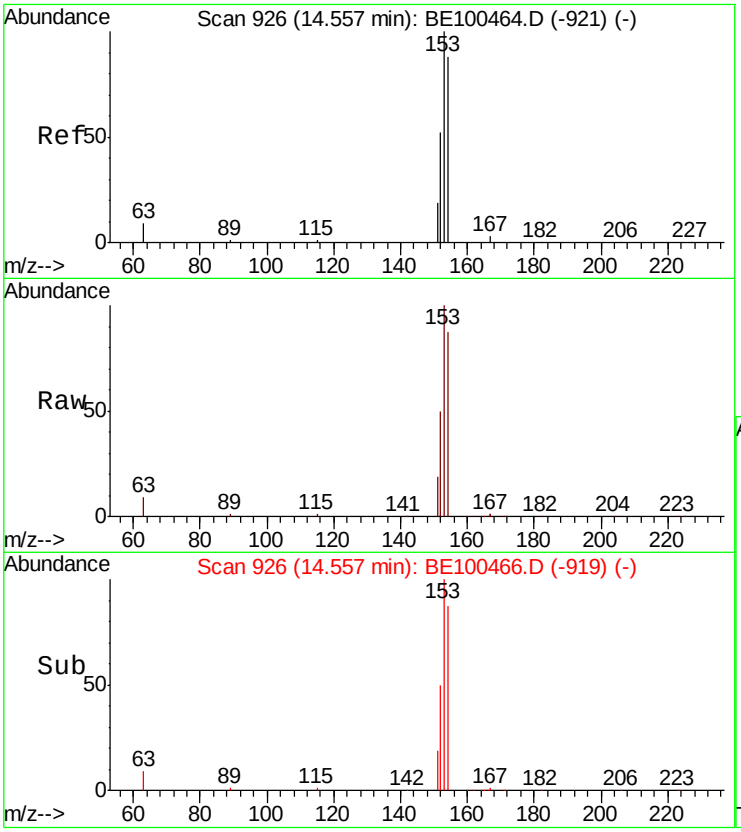


#16
Acenaphthylene
Concen: 1.849 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:152 Resp: 50380

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.3	10.6	15.8



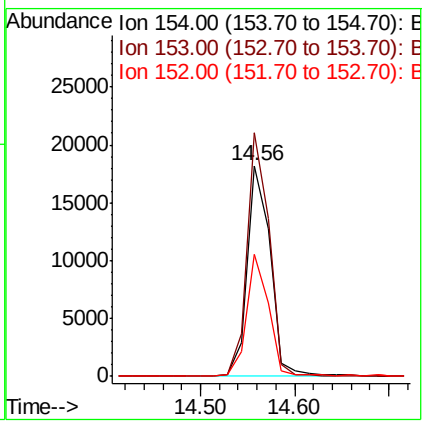


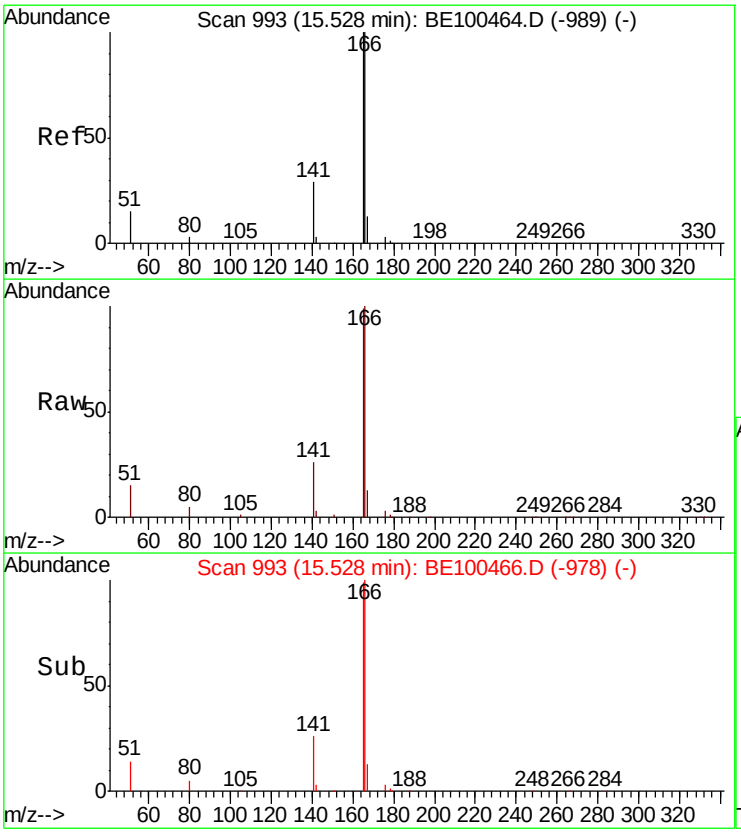
#17
Acenaphthene
Concen: 1.649 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 30871

Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.4	134.2
152	54.3	44.4	66.6

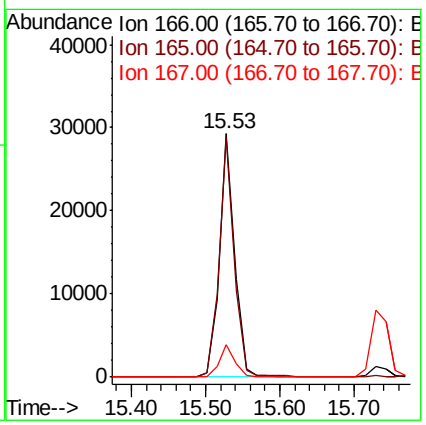


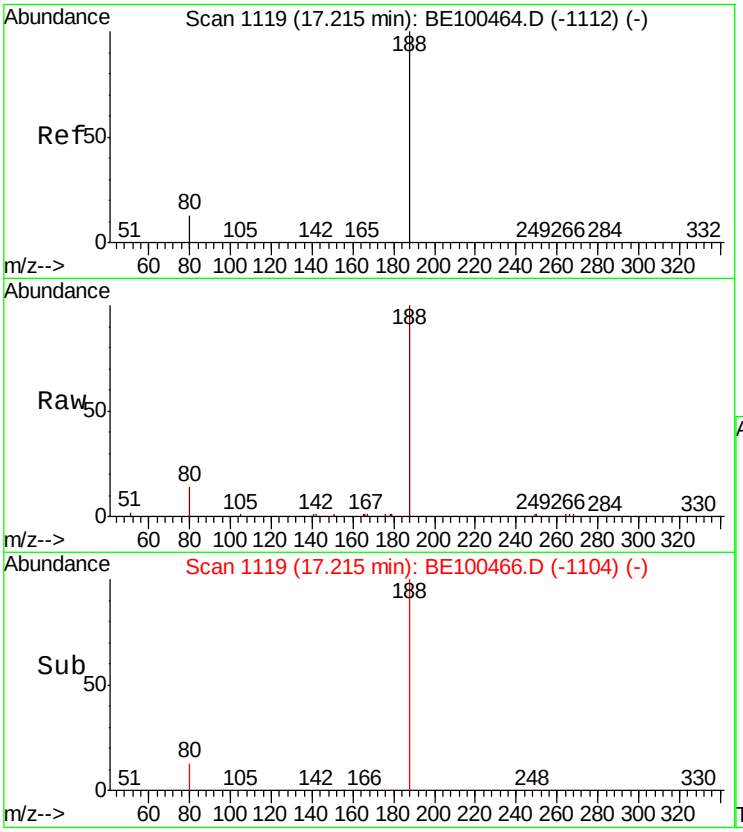


#18
Fluorene
Concen: 1.726 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:166 Resp: 41677

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	13.2	10.4	15.6



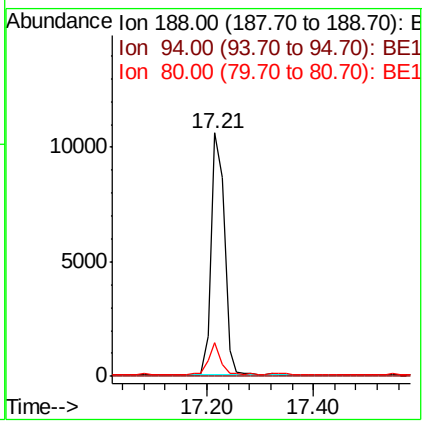


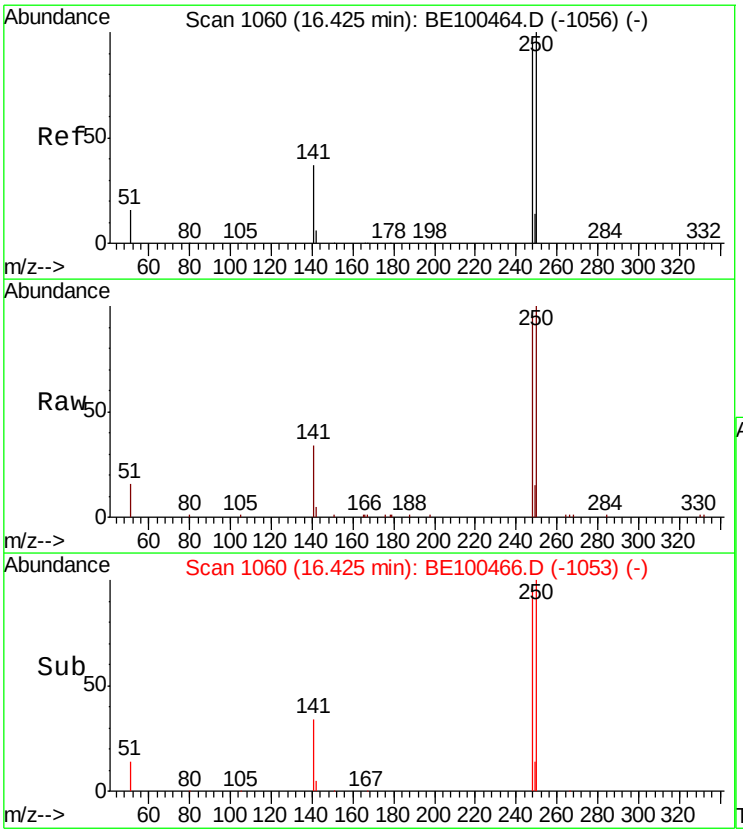
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 18105

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	10.7	16.1

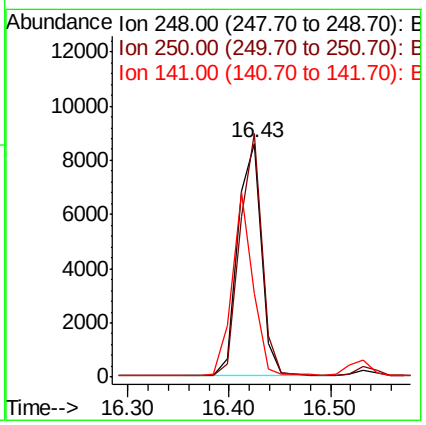


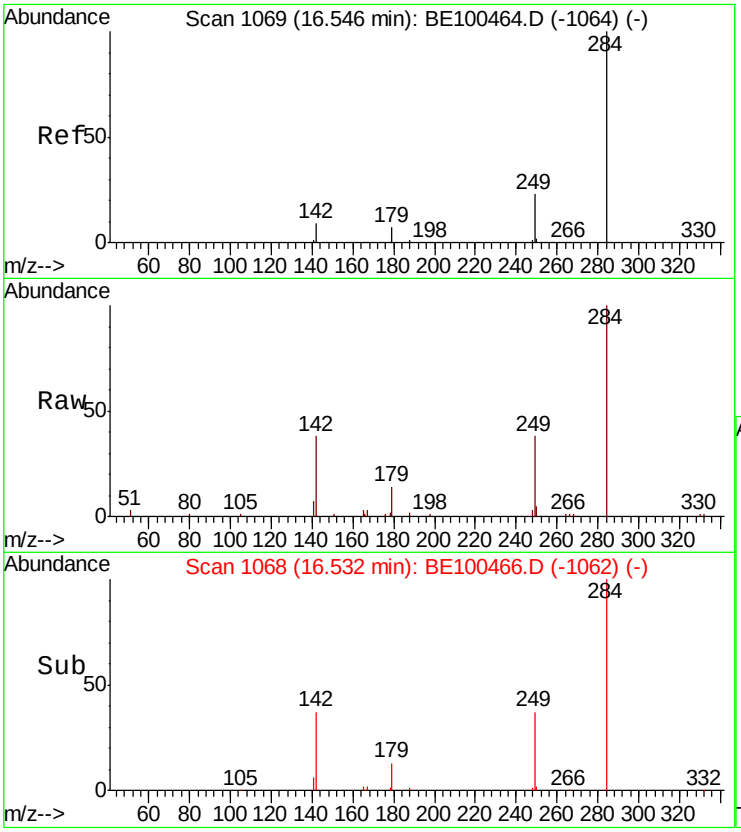


#20
4-Bromophenyl-phenylether
Concen: 1.488 ng
RT: 16.43 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:248 Resp: 14056

Ion	Ratio	Lower	Upper
248	100		
250	104.2	83.9	125.9
141	35.9	33.7	50.5



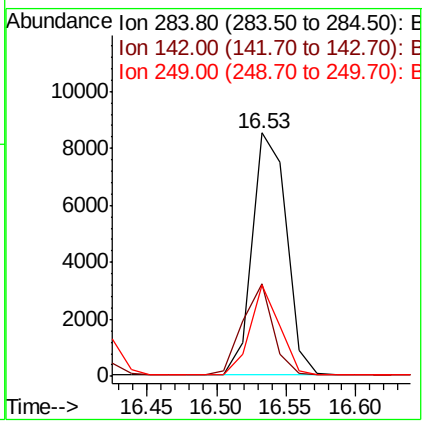


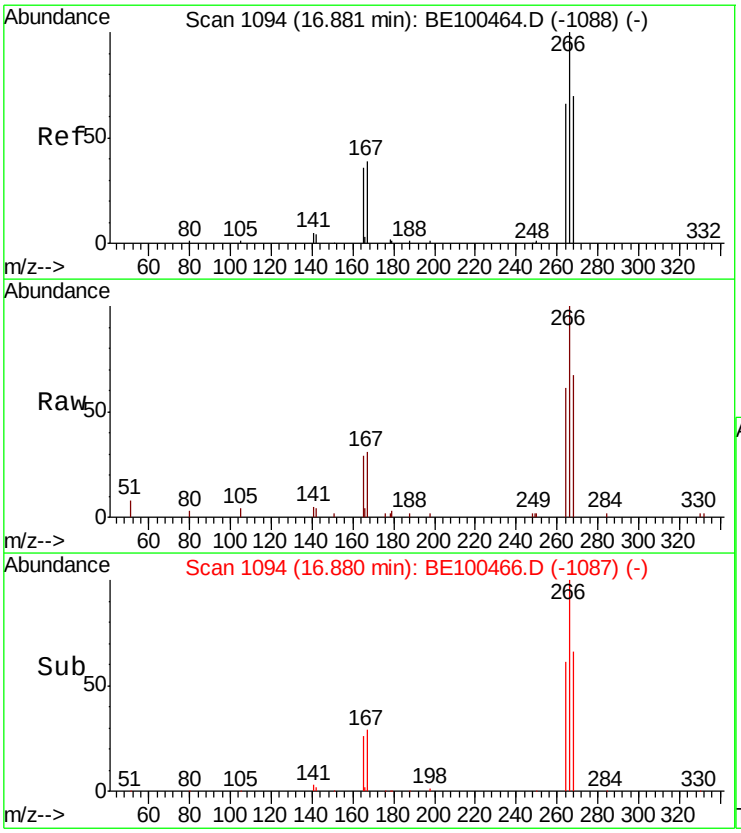
#21
Hexachlorobenzene
Concen: 1.310 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 14470

Ion	Ratio	Lower	Upper
284	100		
142	32.8	27.4	41.2
249	31.9	25.1	37.7

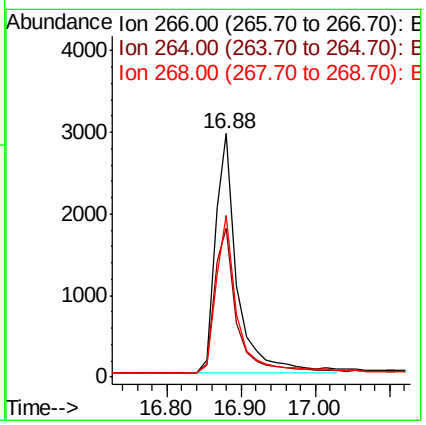


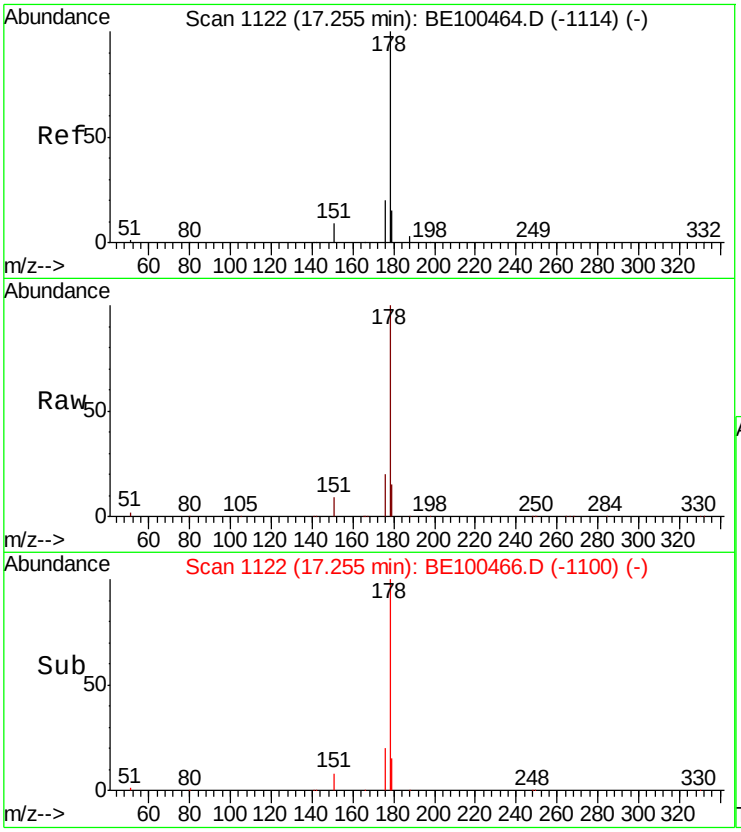


#22
Pentachlorophenol
Concen: 3.171 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:266 Resp: 6113

Ion	Ratio	Lower	Upper
266	100		
264	61.3	55.5	83.3
268	66.6	59.2	88.8



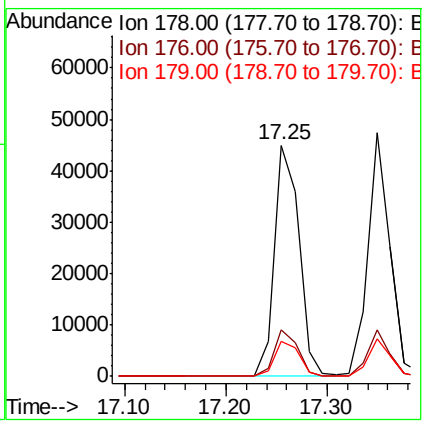


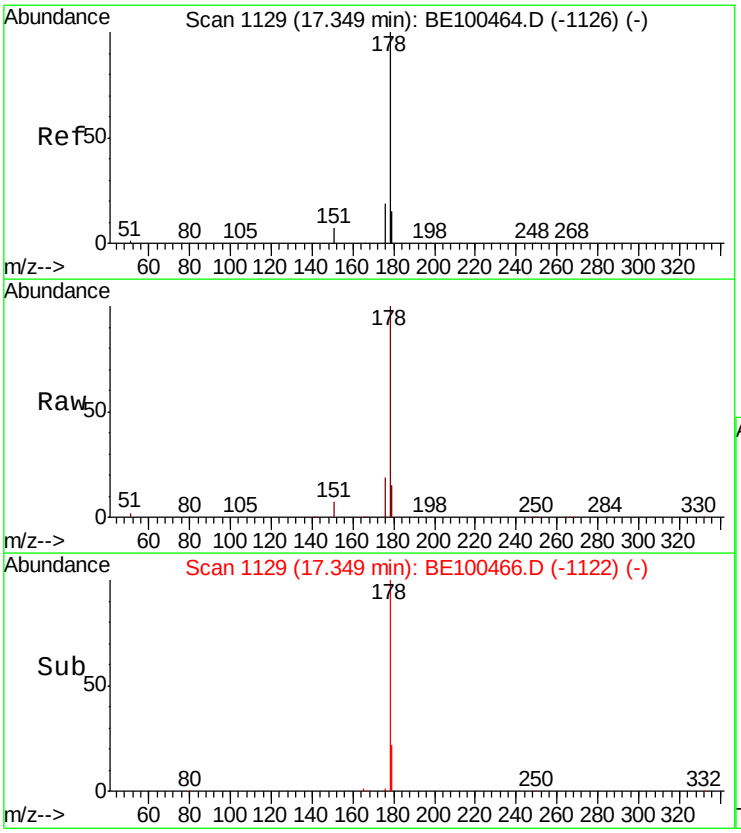
#23
Phenanthrene
Concen: 1.550 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 74783

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.3	12.5	18.7

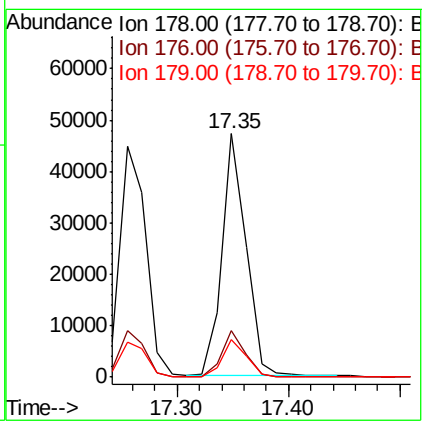


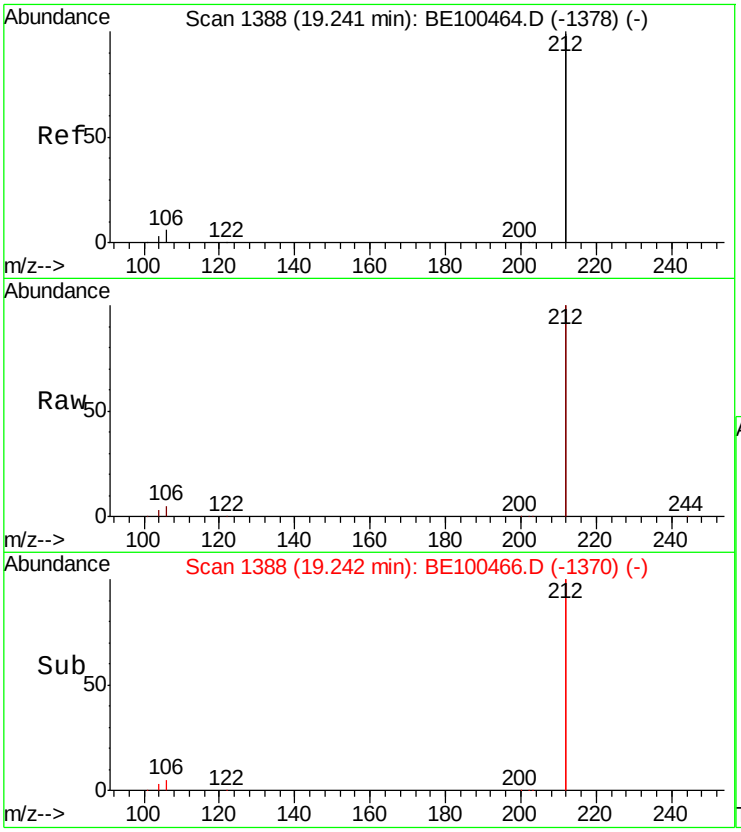


#24
Anthracene
Concen: 1.776 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:178 Resp: 70709

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.3	12.2	18.2



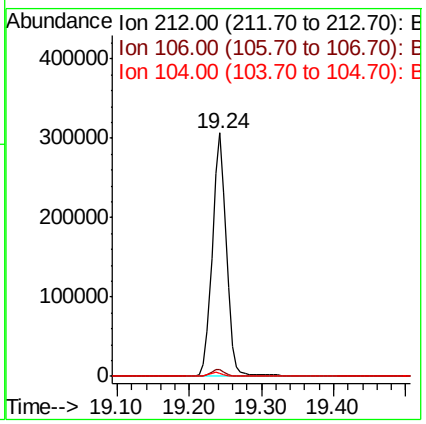


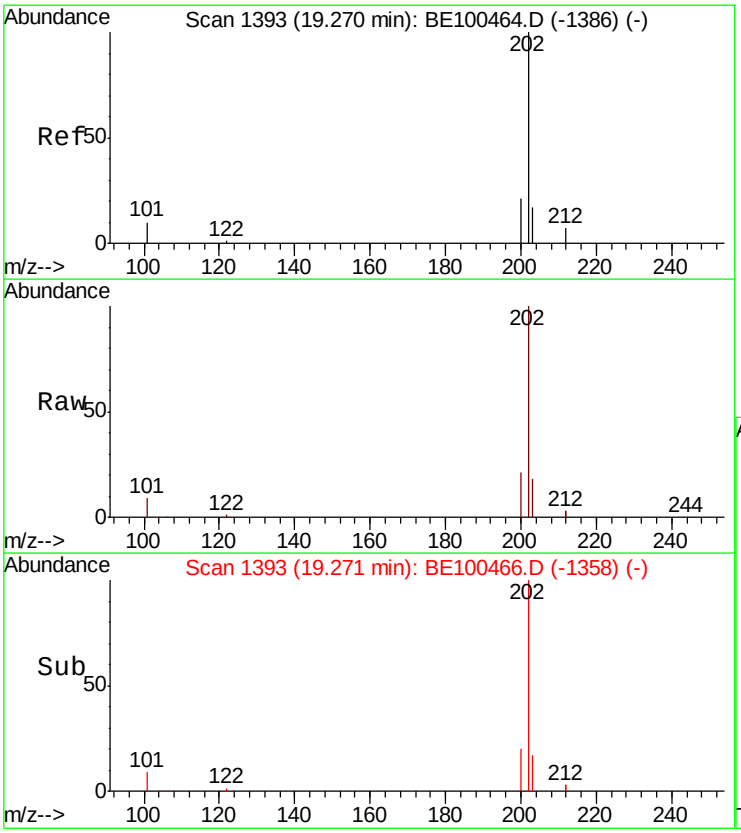
#25
Fluoranthene-d10
Concen: 1.927 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 415669

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

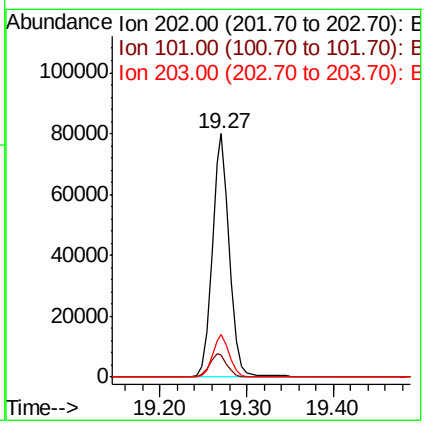


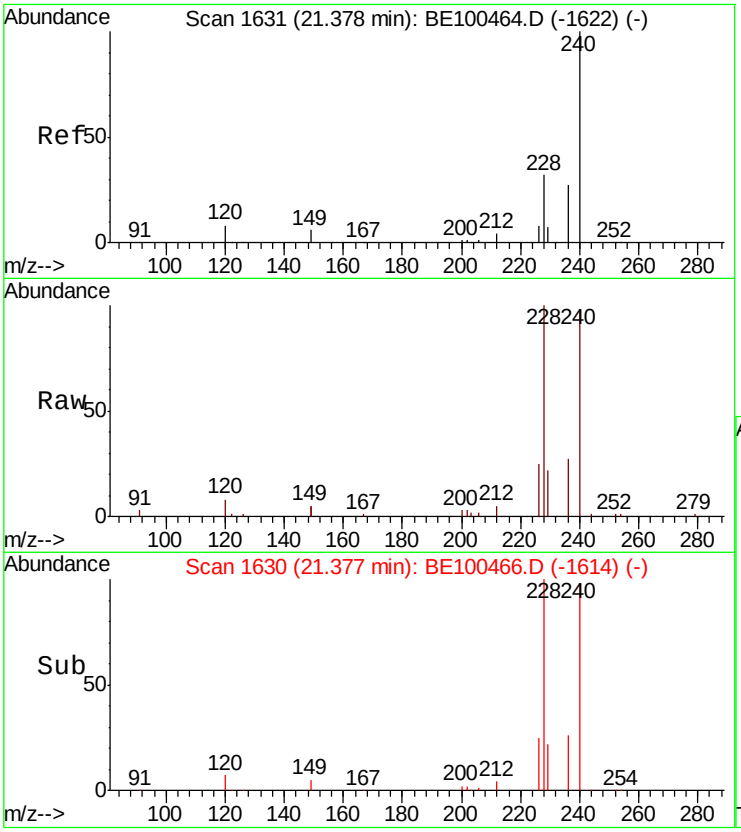


#26
Fluoranthene
Concen: 1.793 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:202 Resp: 109902

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.3	12.5
203	17.4	13.6	20.4



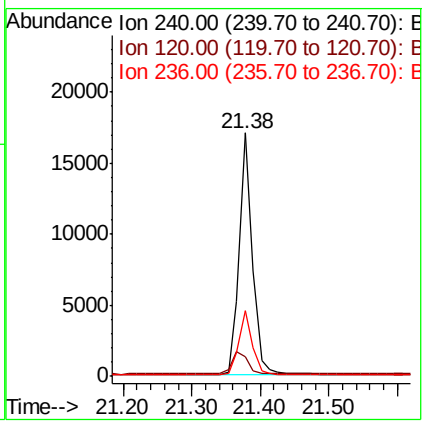


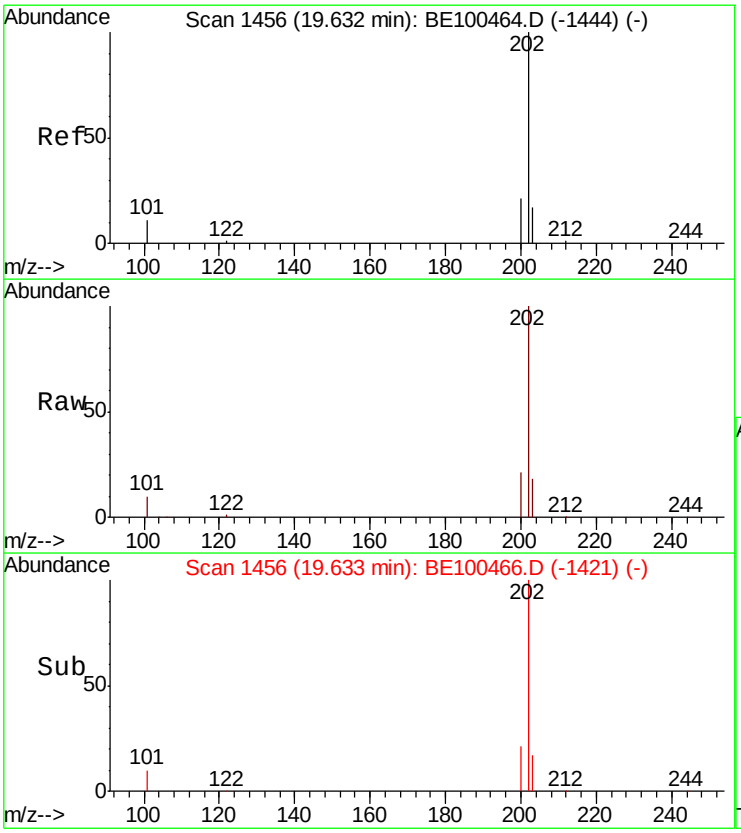
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 23383

Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.1	10.7
236	27.2	21.7	32.5

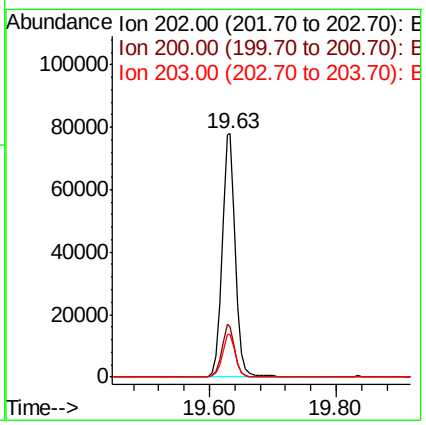


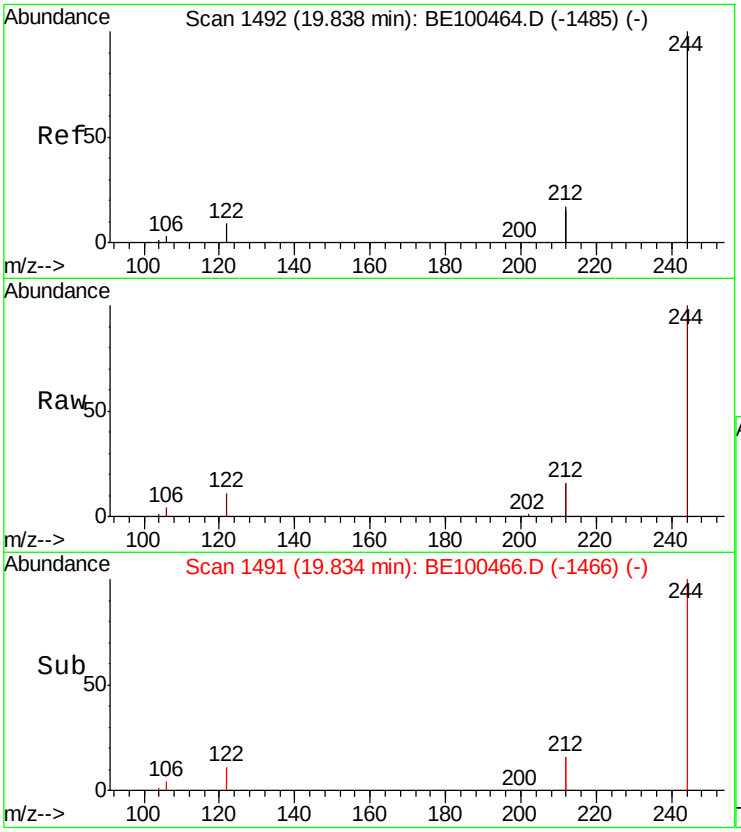


#28
Pyrene
Concen: 1.662 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:202 Resp: 113666

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.5	13.8	20.8



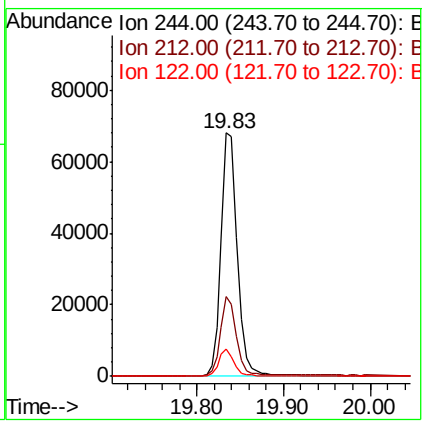


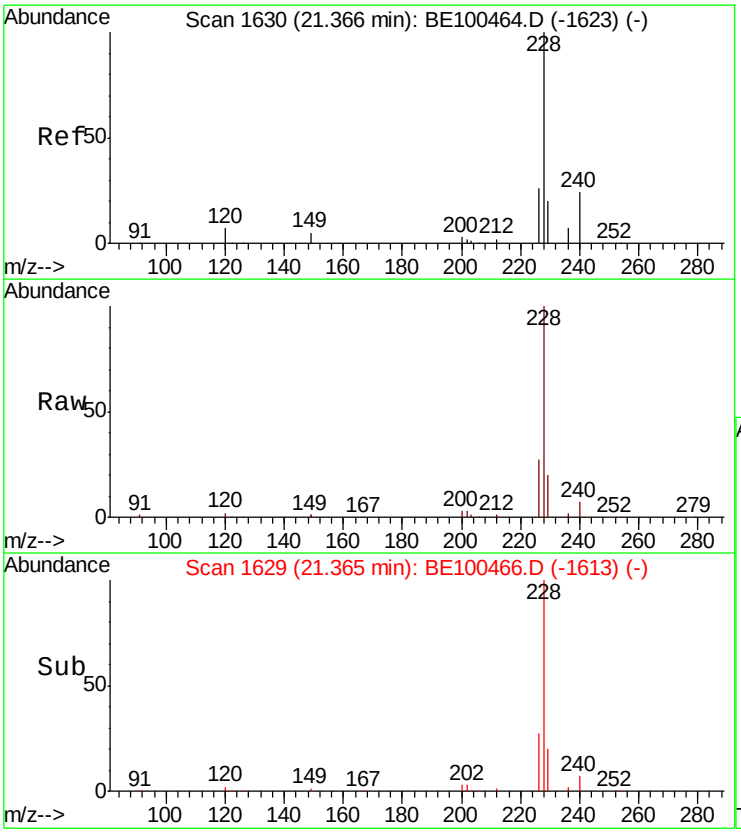
#29
Terphenyl-d14
Concen: 1.557 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 89202

Ion	Ratio	Lower	Upper
244	100		
212	32.6	26.6	40.0
122	11.4	7.6	11.4#

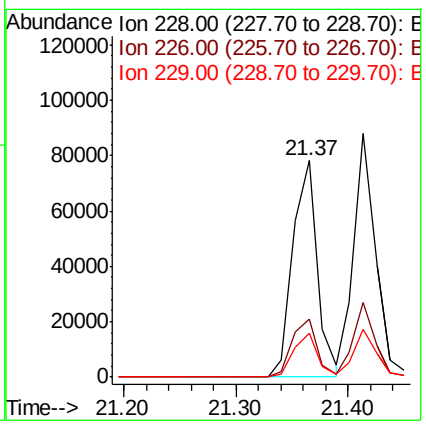


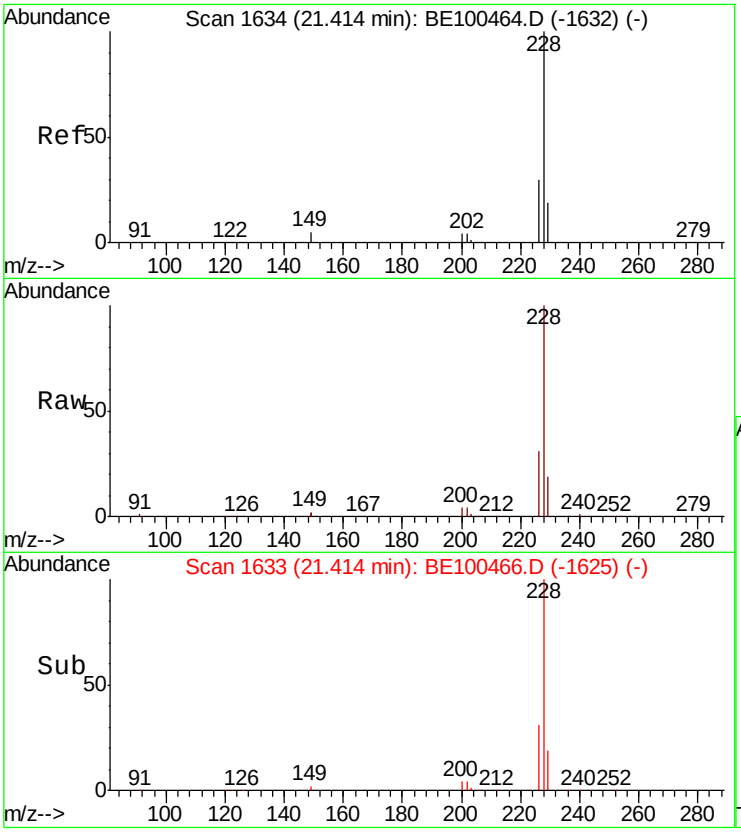


#30
Benzo(a)anthracene
Concen: 1.856 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:228 Resp: 117761

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.4	16.6	25.0



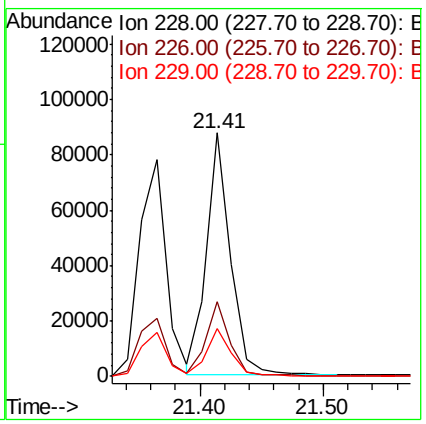


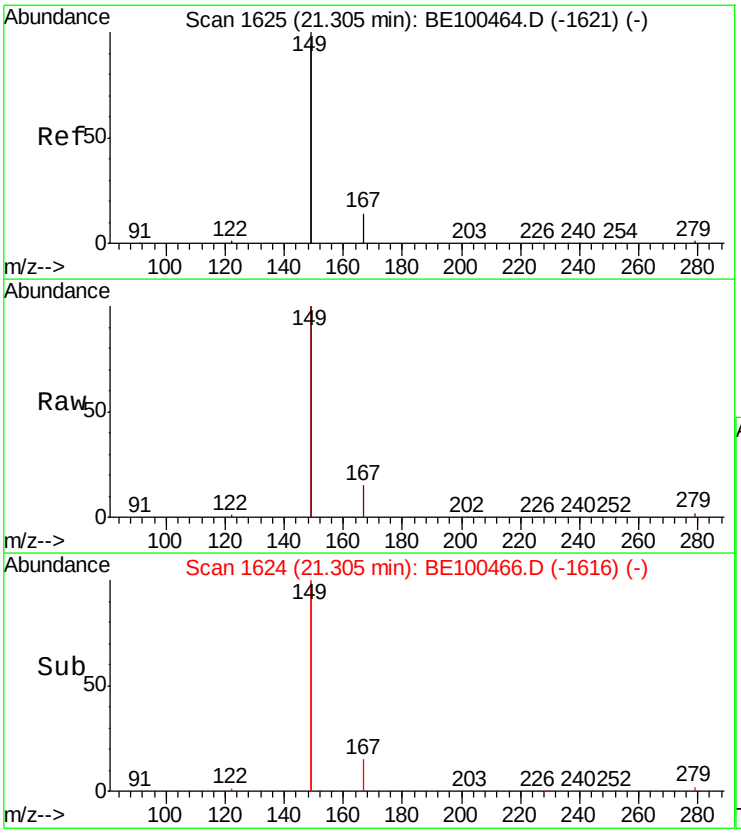
#31
Chrysene
Concen: 1.563 ng
RT: 21.41 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 117782

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	19.4	16.0	24.0

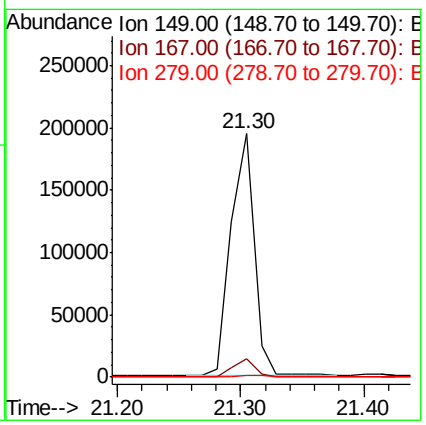


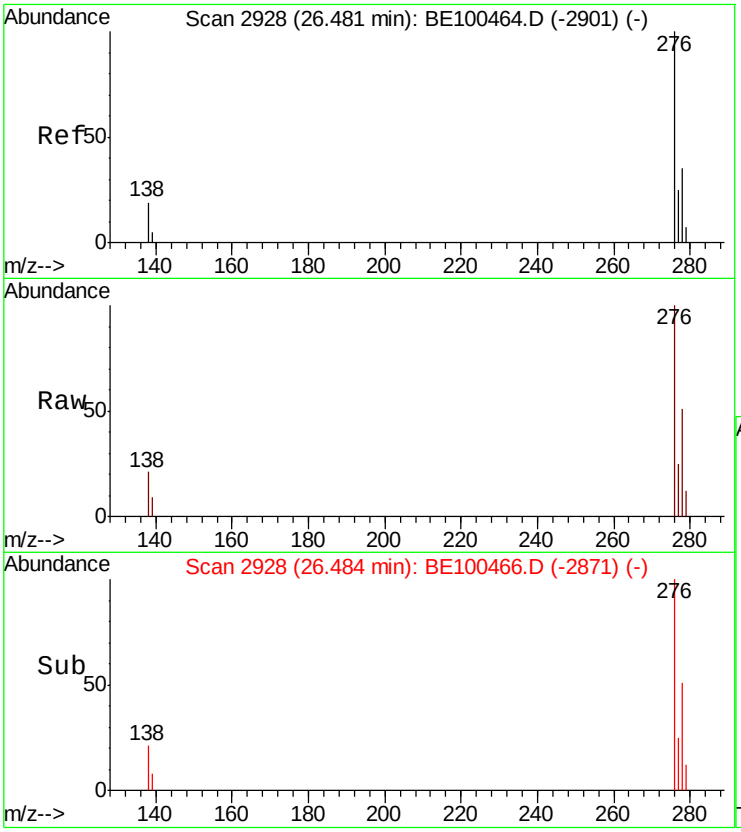


#32
Bis(2-ethylhexyl)phthalate
Concen: 5.586 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:149 Resp: 254241

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.6
279	1.0	0.8	1.2



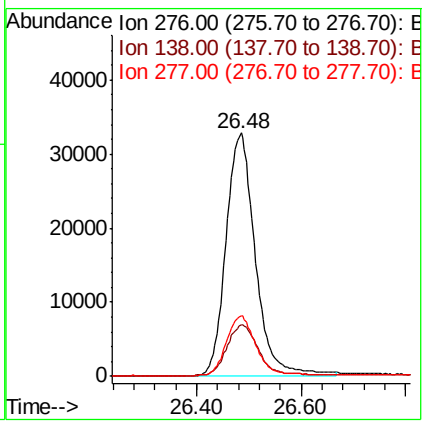


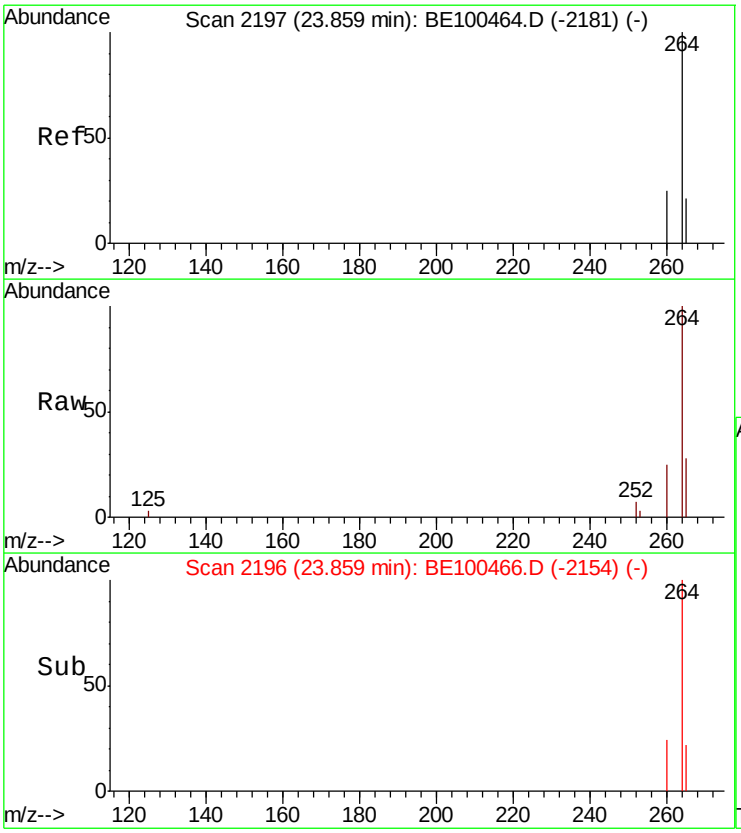
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.903 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 127489

Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.4	26.0
277	24.5	19.4	29.0

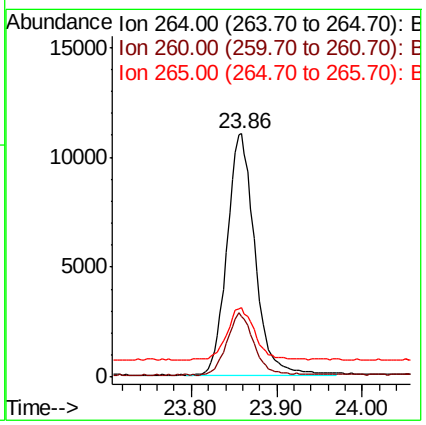


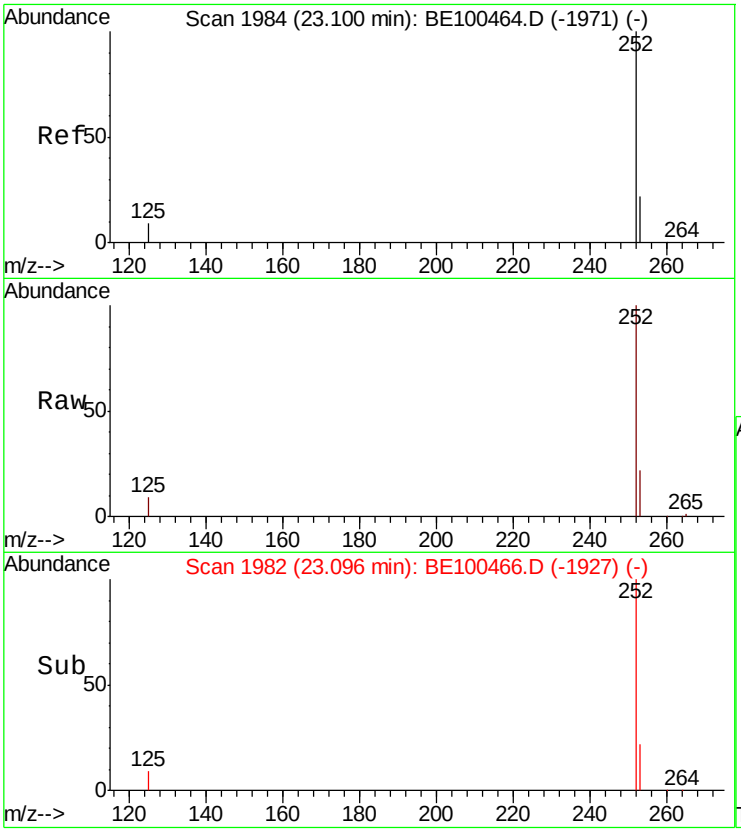


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:264 Resp: 24823

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.7	31.1
265	28.4	23.4	35.0



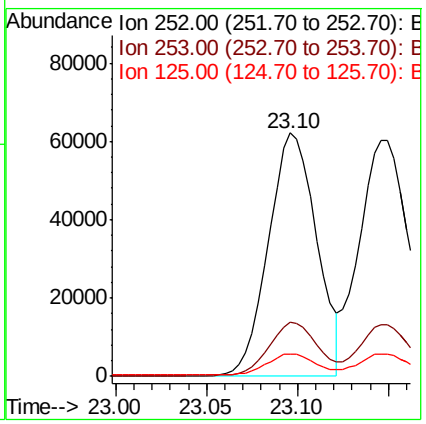


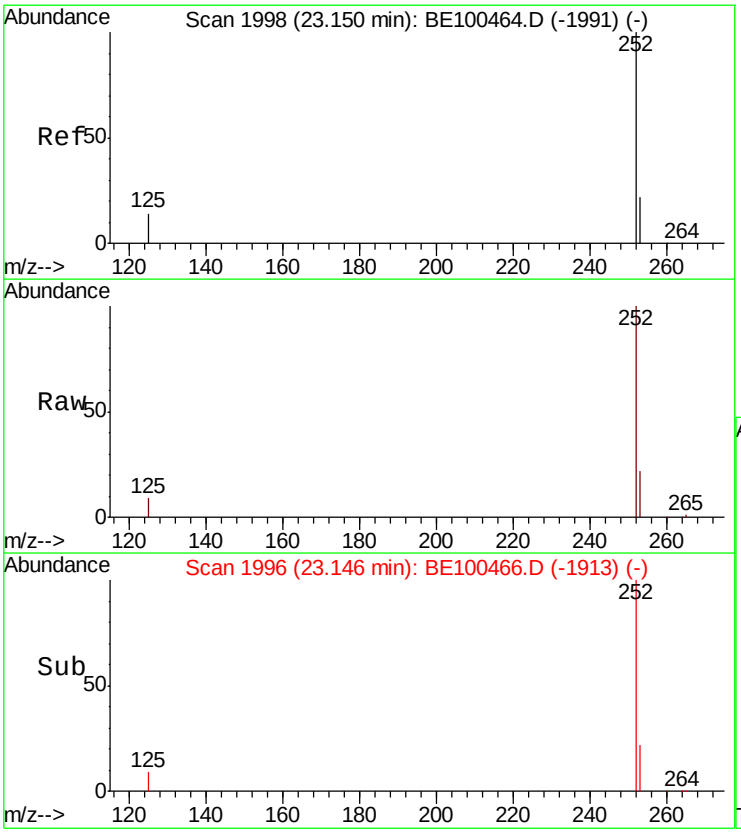
#35
Benzo(b)fluoranthene
Concen: 1.494 ng
RT: 23.10 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 113314

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	9.3	9.0	13.4

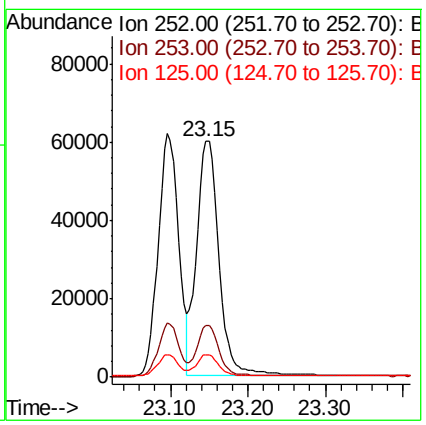


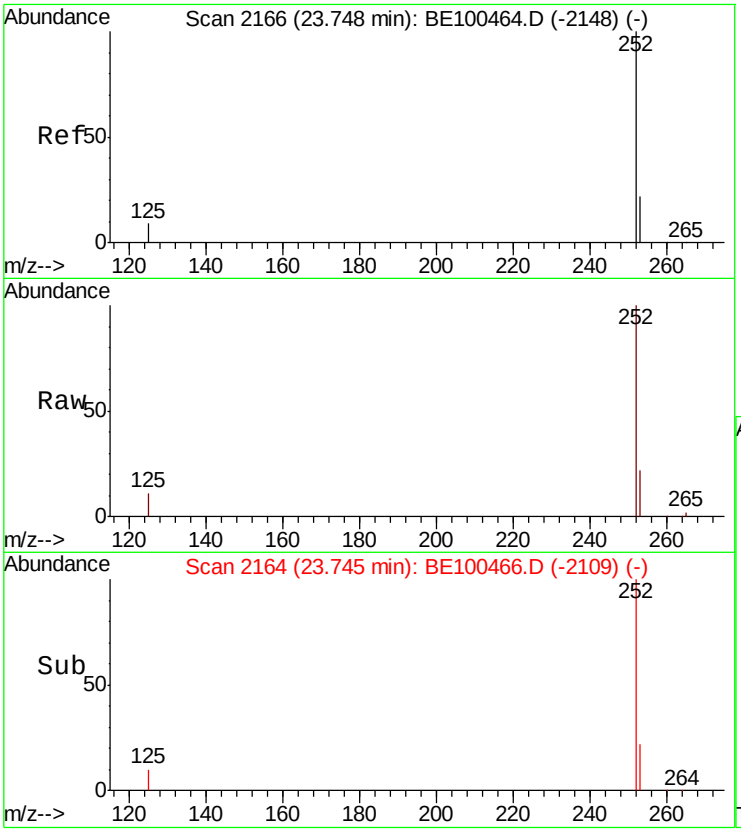


#36
Benzo(k)fluoranthene
Concen: 1.510 ng
RT: 23.15 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:252 Resp: 121223

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.4
125	9.5	11.8	17.8#



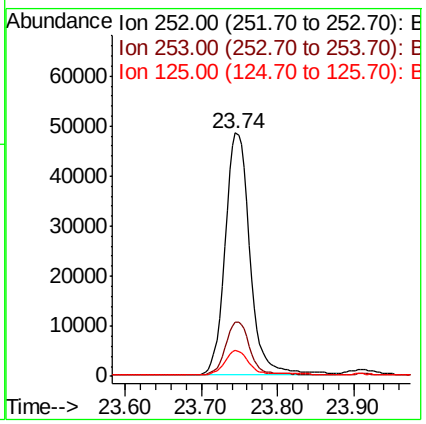


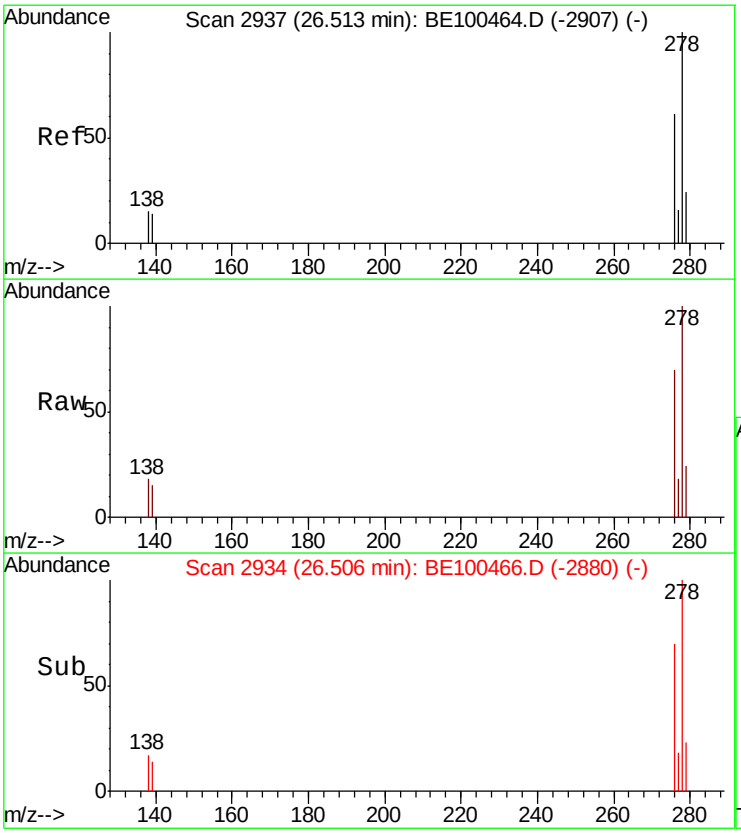
#37
Benzo(a)pyrene
Concen: 1.762 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 109878

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.1	28.7
125	10.6	10.0	15.0

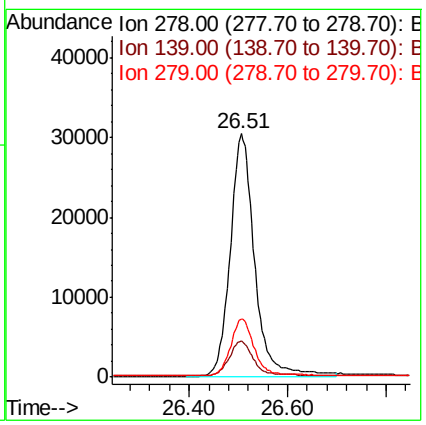


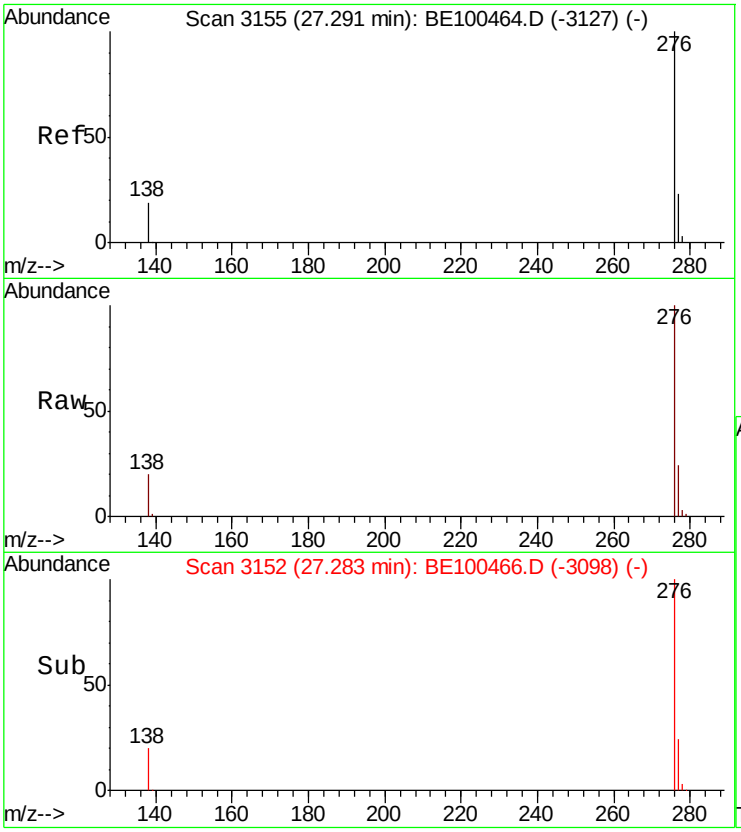


#38
Dibenzo(a,h)anthracene
Concen: 1.568 ng
RT: 26.51 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Tgt Ion:278 Resp: 104247

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.0	19.6
279	23.7	20.4	30.6





#39
Benzo(g,h,i)perylene
Concen: 1.517 ng
RT: 27.28 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BE100466.D
Acq: 19 Jul 2019 11:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 105512

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.9	29.9
138	20.3	16.7	25.1