Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072219\
Data File : BE100489.D
Acq On : 22 Jul 2019 21:18
Operator : HP/JU
Sample : SSTDCCC0.4
Misc : MDL-W-0.PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 23 07:38:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 17:11:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2351	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	10158	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	6875	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	18572	0.40	ng		0.00
27) Chrysene-d12	21.38	240	20988	0.40	ng		0.00
34) Perylene-d12	23.86	264	22527	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2316	0.40	ng		0.00
5) Phenol-d6	7.03	99	3263	0.40	ng		0.00
8) Nitrobenzene-d5	9.02	82	3224	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	6470	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	1107	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	10633	0.38	ng		0.00
25) Fluoranthene-d10	19.24	212	95416	0.38	ng		0.00
29) Terphenyl-d14	19.83	244	20313	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	1357	0.346	ng		97
3) n-Nitrosodimethylamine	3.68	42	661	0.307	ng	#	86
6) bis(2-Chloroethyl)ether	7.30	93	2841	0.404	ng		95
9) Naphthalene	10.71	128	38326	0.393	ng		100
10) Hexachlorobutadiene	11.00	225	1875	0.402	ng		99
12) 2-Methylnaphthalene	12.32	142	6749	0.385	ng		99
16) Acenaphthylene	14.21	152	11979	0.377	ng		100
17) Acenaphthene	14.56	154	7325	0.383	ng		99
18) Fluorene	15.53	166	9816	0.385	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	3312	0.375	ng	#	73
21) Hexachlorobenzene	16.53	284	3486	0.383	ng		99
22) Pentachlorophenol	16.88	266	1325	0.427	ng		98
23) Phenanthrene	17.26	178	17227	0.379	ng		99
24) Anthracene	17.35	178	16161	0.373	ng		99
26) Fluoranthene	19.27	202	24810	0.378	ng		99
28) Pyrene	19.63	202	25796	0.394	ng		100
30) Benzo(a)anthracene	21.35	228	25059	0.391	ng		97
31) Chrysene	21.41	228	24745	0.391	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	57284	0.389	ng		100
33) Indeno(1,2,3-cd)pyrene	26.47	276	26523	0.385	ng		98
35) Benzo(b)fluoranthene	23.10	252	23945	0.388	ng	#	97
36) Benzo(k)fluoranthene	23.15	252	25878	0.400	ng		99
37) Benzo(a)pyrene	23.74	252	23438	0.391	ng	#	96
38) Dibenzo(a,h)anthracene	26.51	278	21919	0.387	ng		95
39) Benzo(g,h,i)perylene	27.28	276	22603	0.390	ng		98

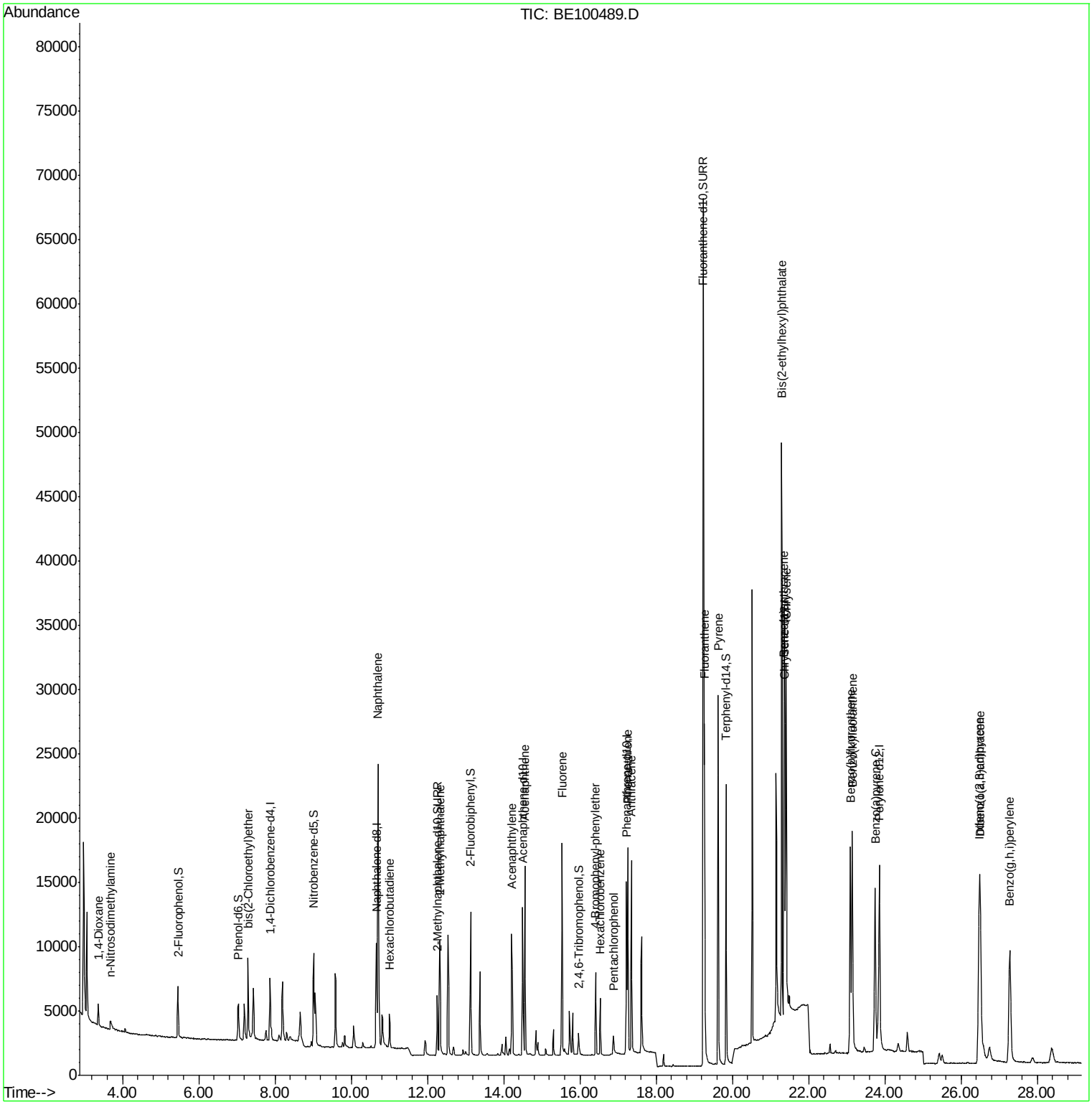
(#) = qualifier out of range (m) = manual integration (+) = signals summed

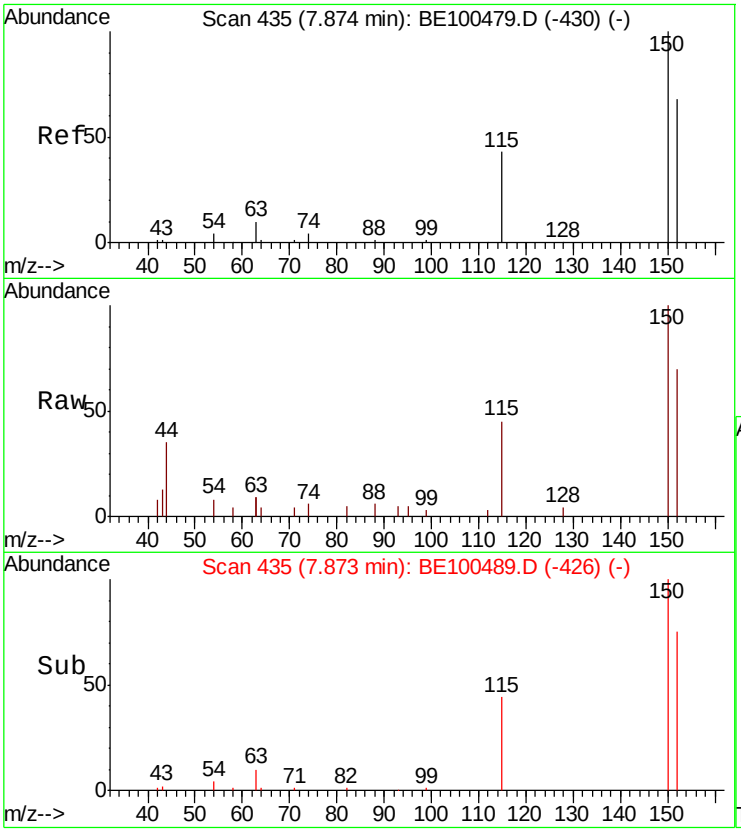
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072219\
Data File : BE100489.D
Acq On : 22 Jul 2019 21:18
Operator : HP/JU
Sample : SSTDCCC0.4
Misc : MDL-W-0.PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 23 07:38:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 17:11:23 2019
Response via : Initial Calibration



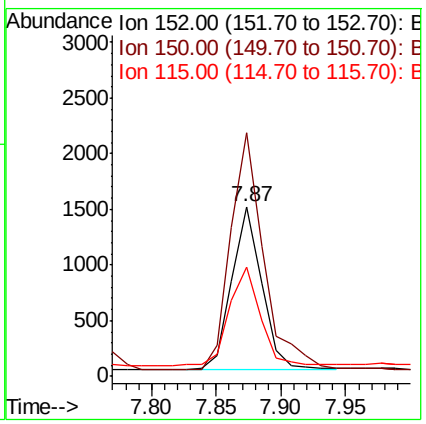


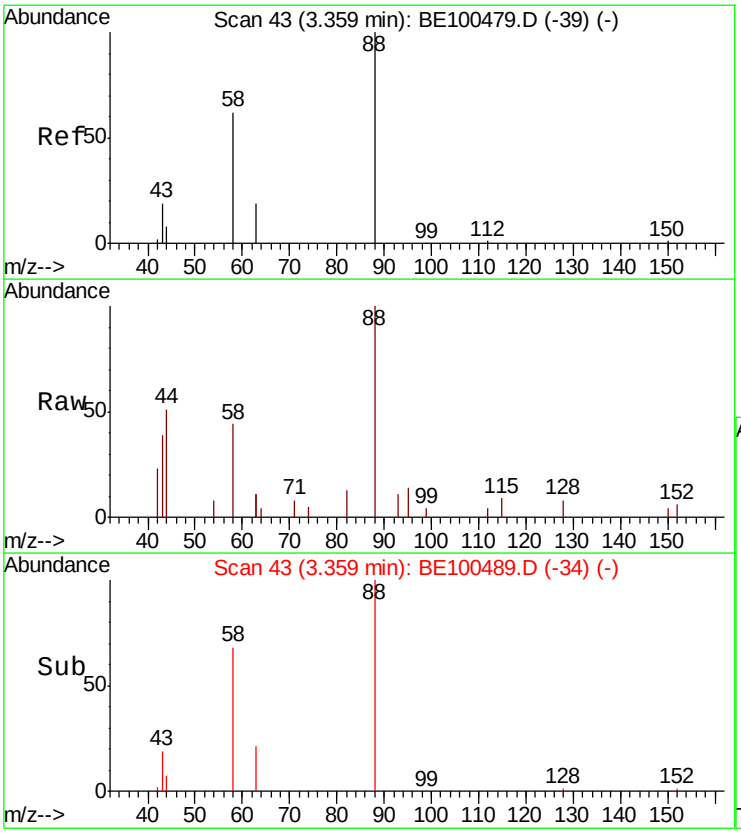
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2351

Ion	Ratio	Lower	Upper
152	100		
150	143.4	115.0	172.6
115	64.4	52.9	79.3

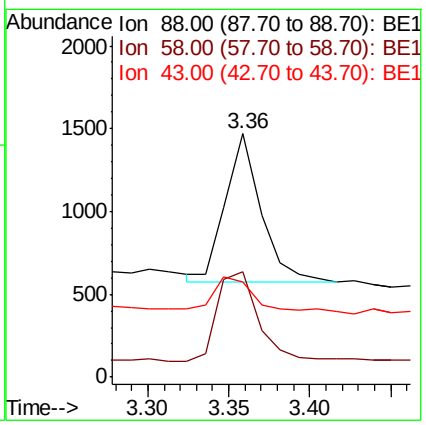


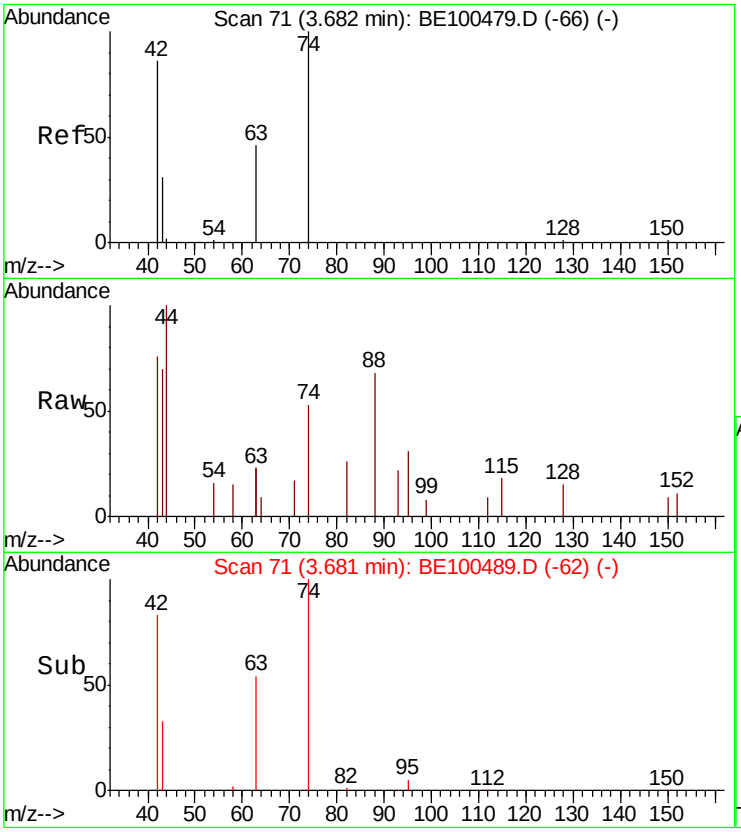


#2
1,4-Dioxane
Concen: 0.346 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion: 88 Resp: 1357

Ion	Ratio	Lower	Upper
88	100		
58	69.6	53.2	79.8
43	26.3	20.8	31.2



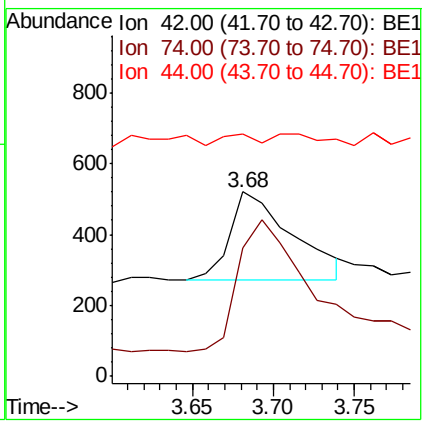


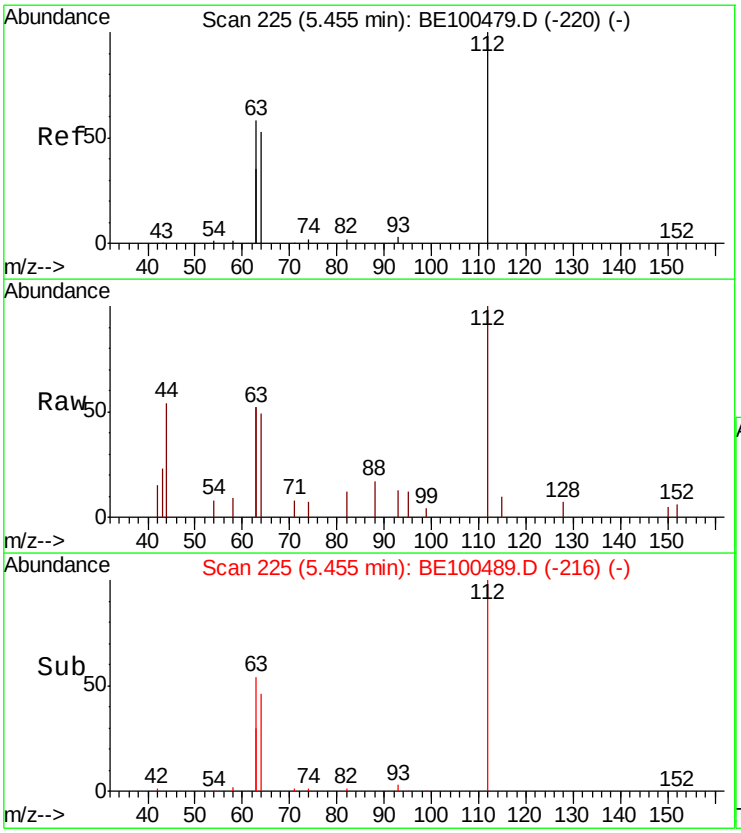
#3
n-Nitrosodimethylamine
Concen: 0.307 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 661

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	6.7	9.6	14.4#

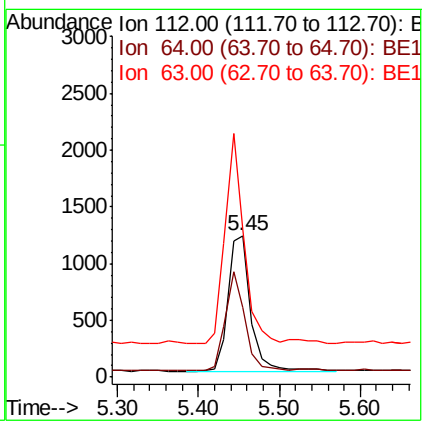


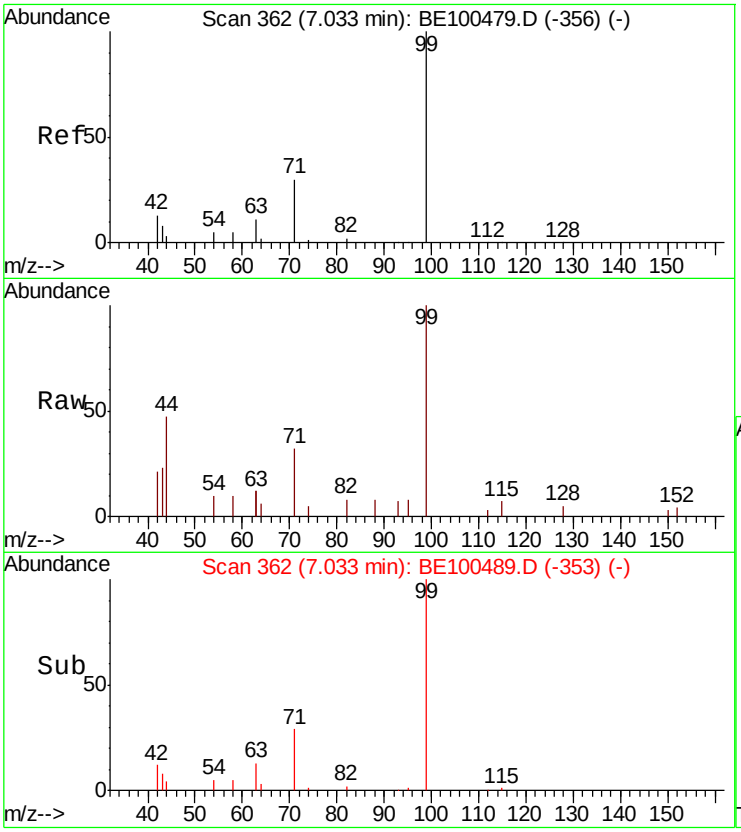


#4
2-Fluorophenol
Concen: 0.404 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:112 Resp: 2316

Ion	Ratio	Lower	Upper
112	100		
64	61.9	54.1	81.1
63	131.7	104.6	157.0



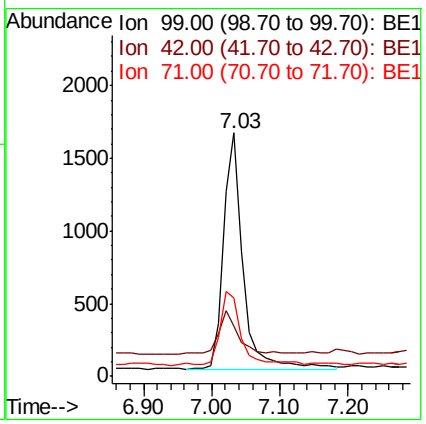


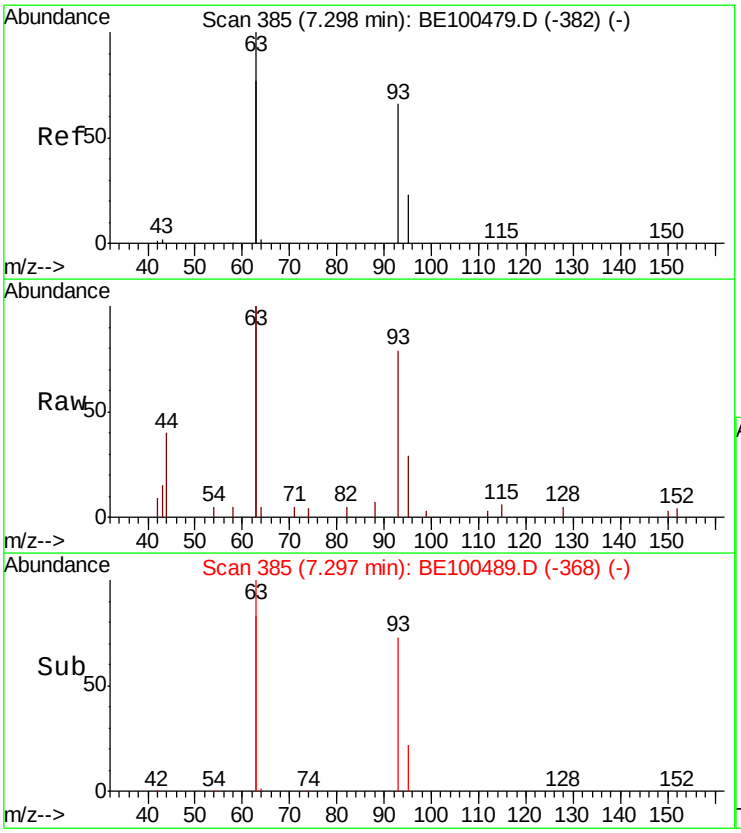
#5
Phenol-d6
Concen: 0.398 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3263

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	32.9	26.4	39.6

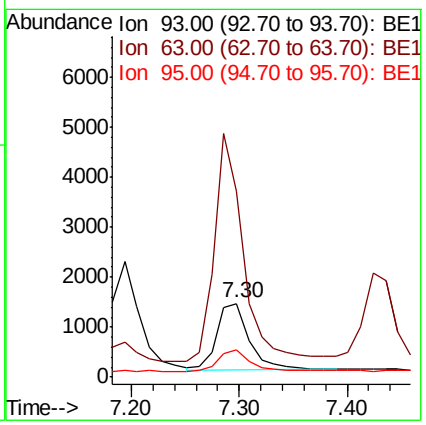


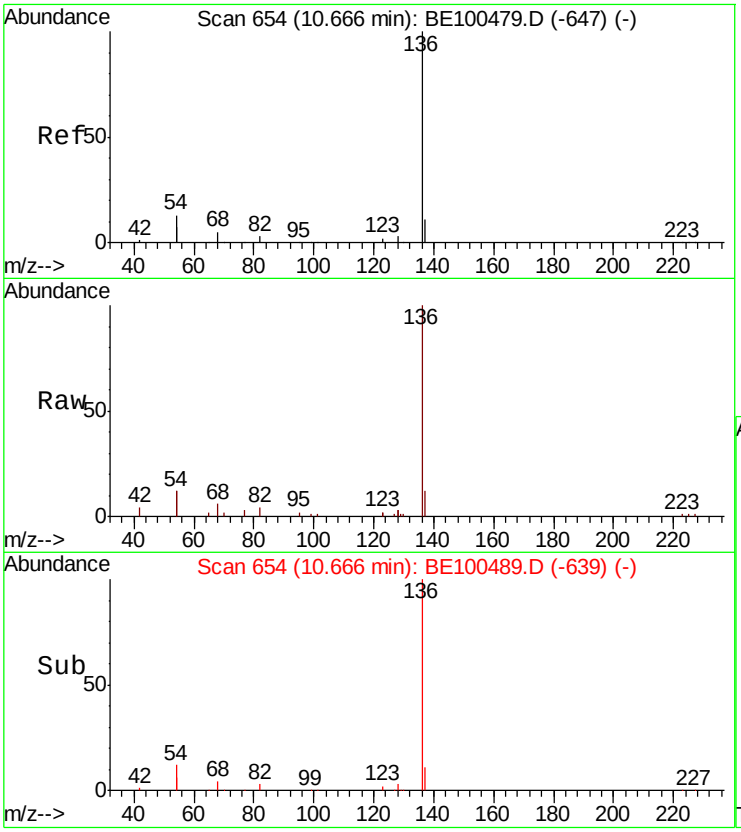


#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion: 93 Resp: 2841

Ion	Ratio	Lower	Upper
93	100		
63	299.2	248.3	372.5
95	30.4	25.4	38.0



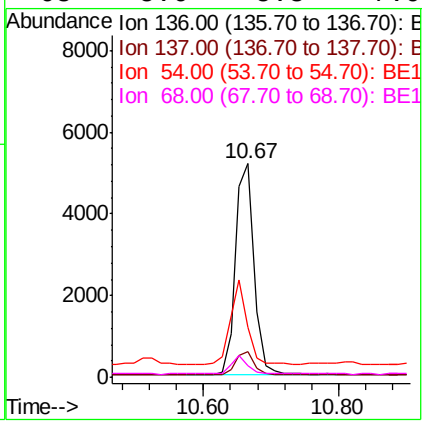


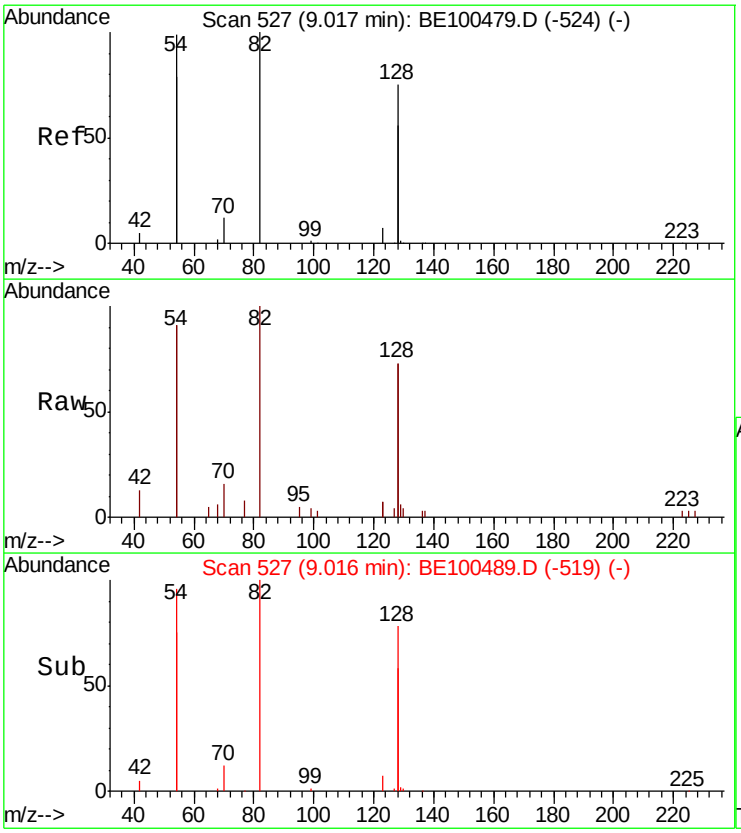
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 10158

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.6
54	23.6	20.6	31.0
68	5.6	5.3	7.9

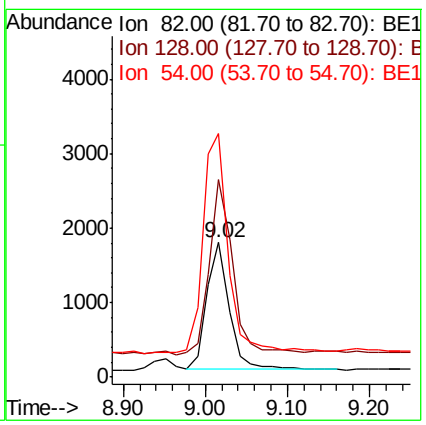


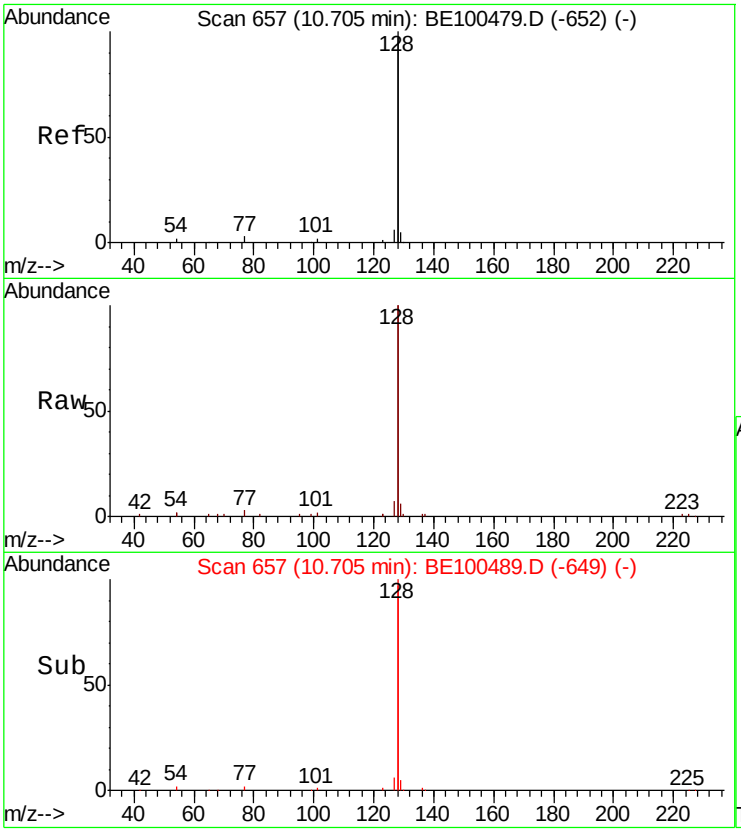


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion: 82 Resp: 3224

Ion	Ratio	Lower	Upper
82	100		
128	146.9	113.6	170.4
54	181.5	150.6	226.0



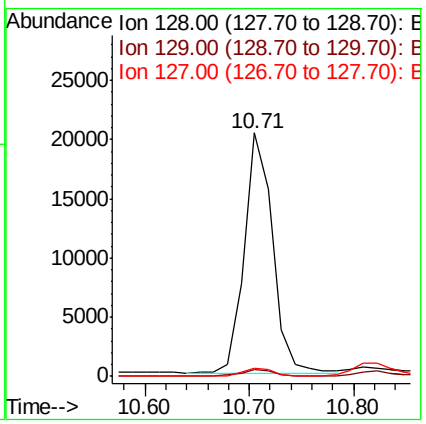


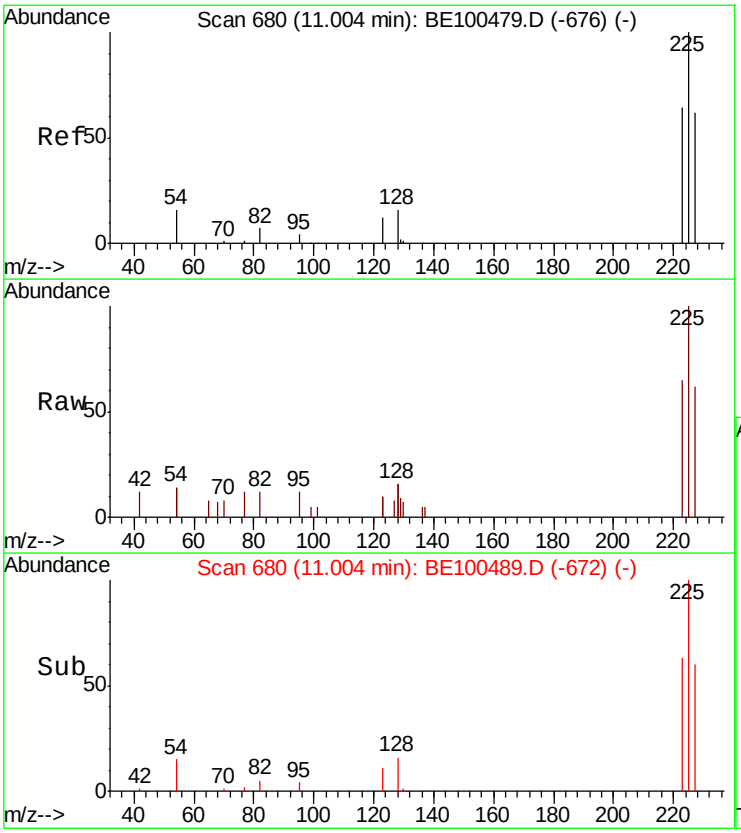
#9
Naphthalene
Concen: 0.393 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 38326

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

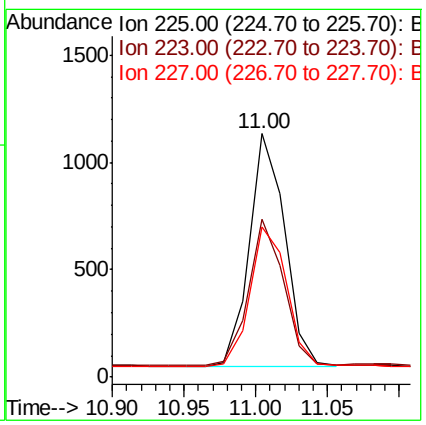


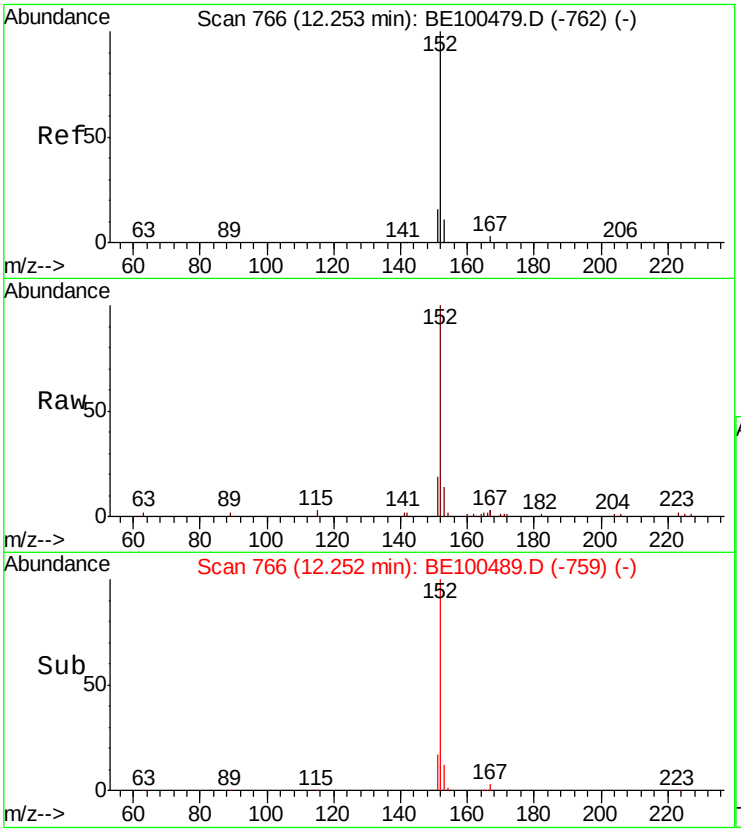


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:225 Resp: 1875

Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.4	74.0
227	62.7	51.4	77.2



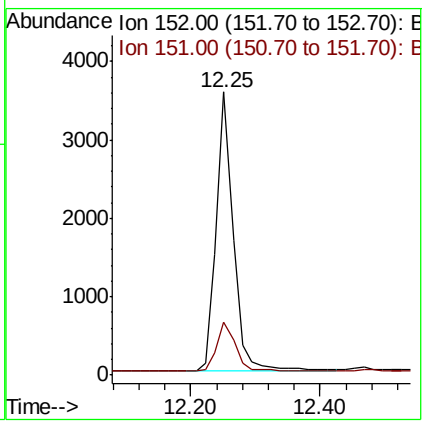


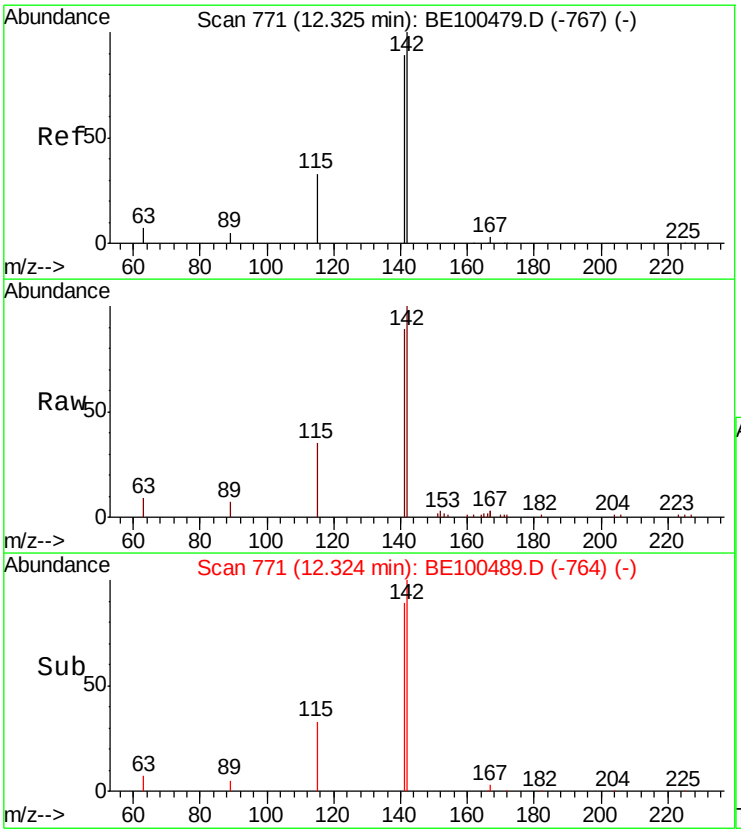
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6470

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.1	22.7

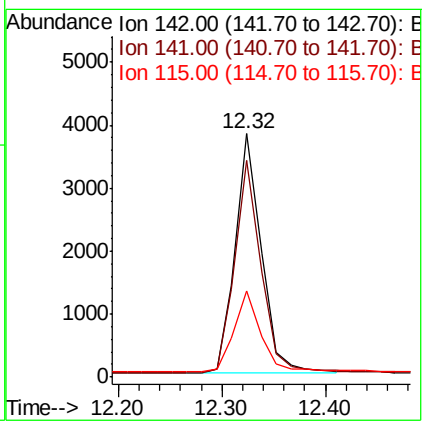


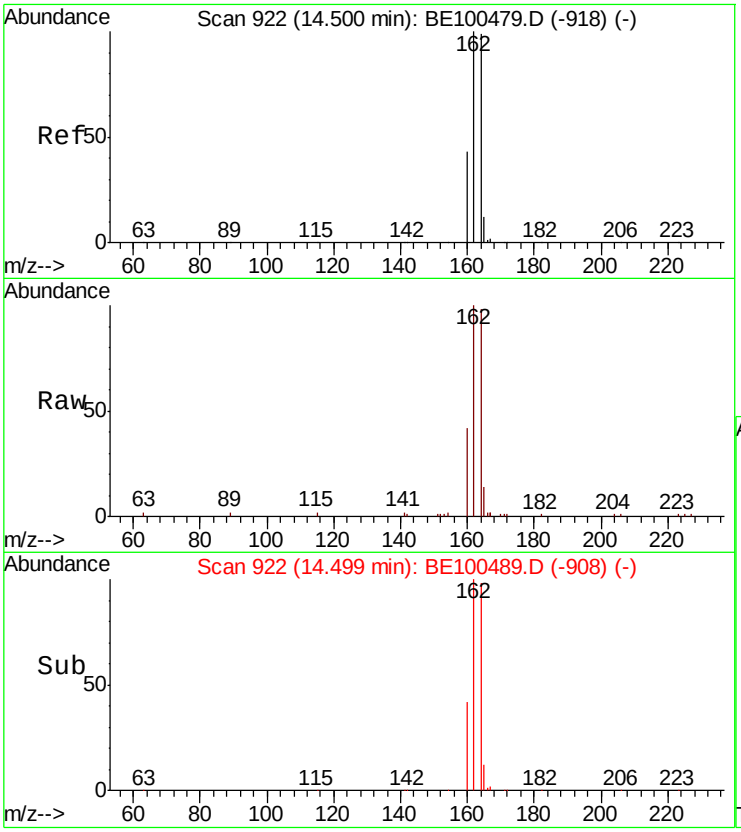


#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:142 Resp: 6749

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.7	107.5
115	35.3	27.8	41.6



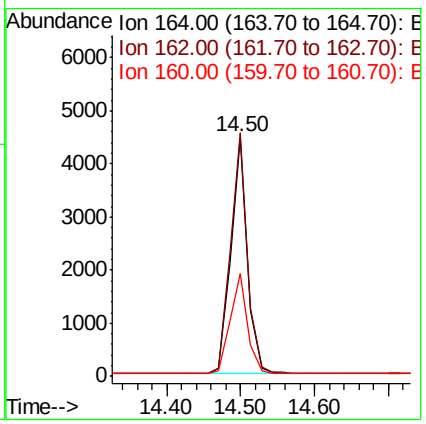


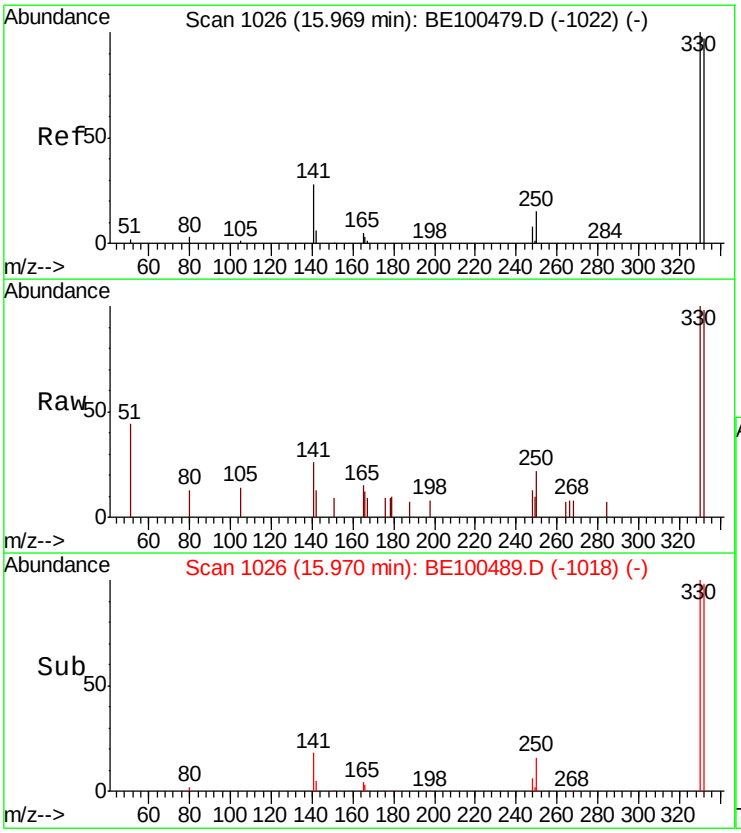
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 6875

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.8	121.2
160	43.3	34.9	52.3

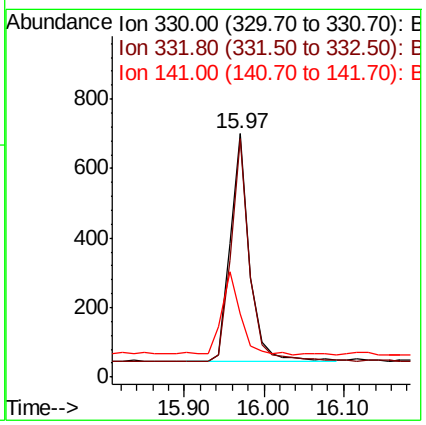


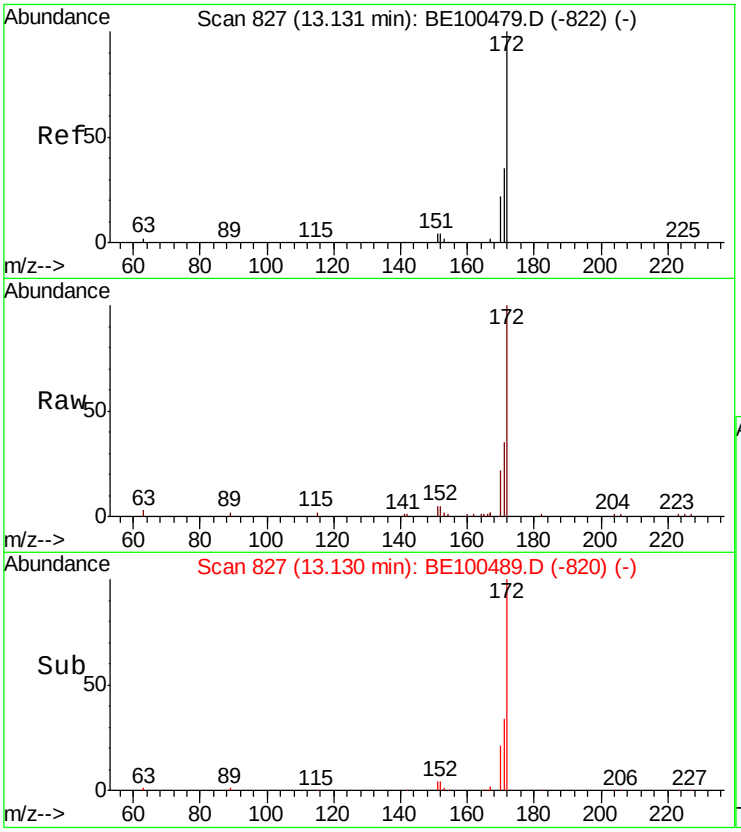


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:330 Resp: 1107

Ion	Ratio	Lower	Upper
330	100		
332	96.7	80.5	120.7
141	36.2	29.9	44.9



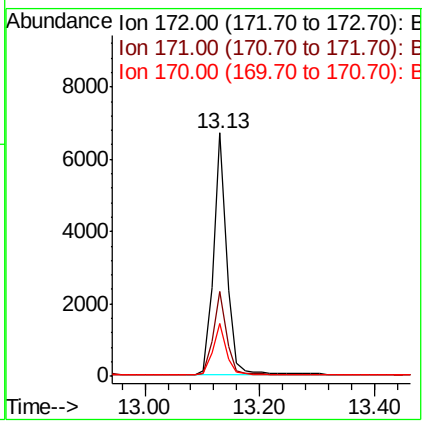


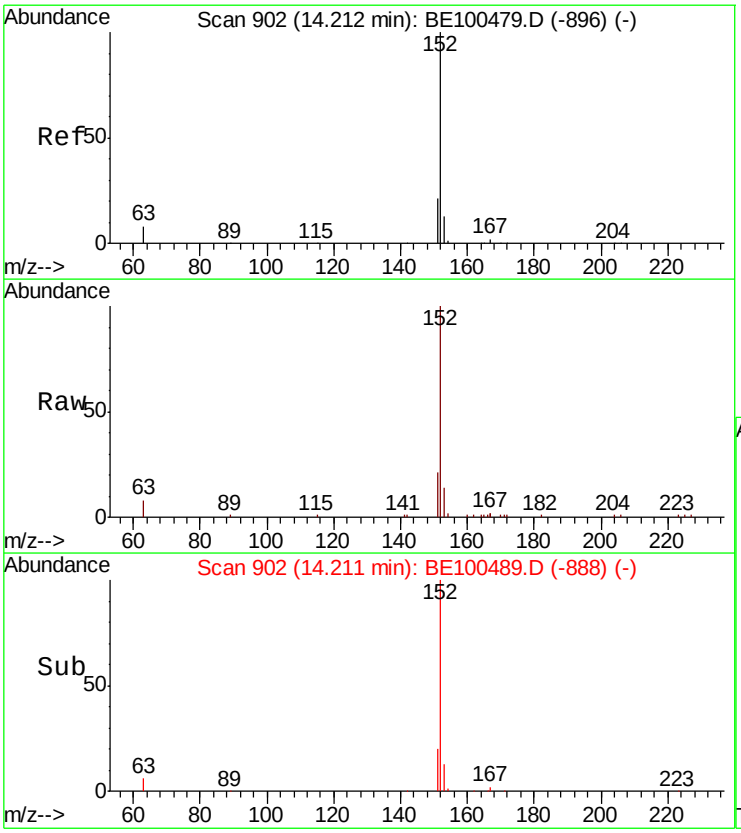
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 10633

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	22.0	17.8	26.8

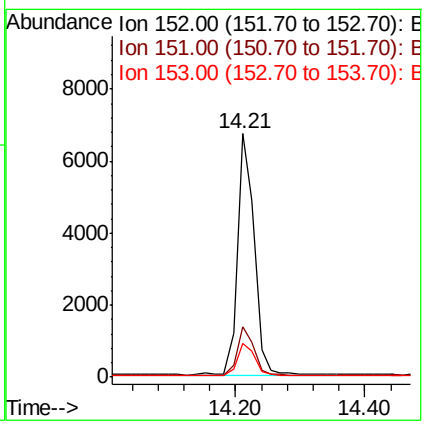


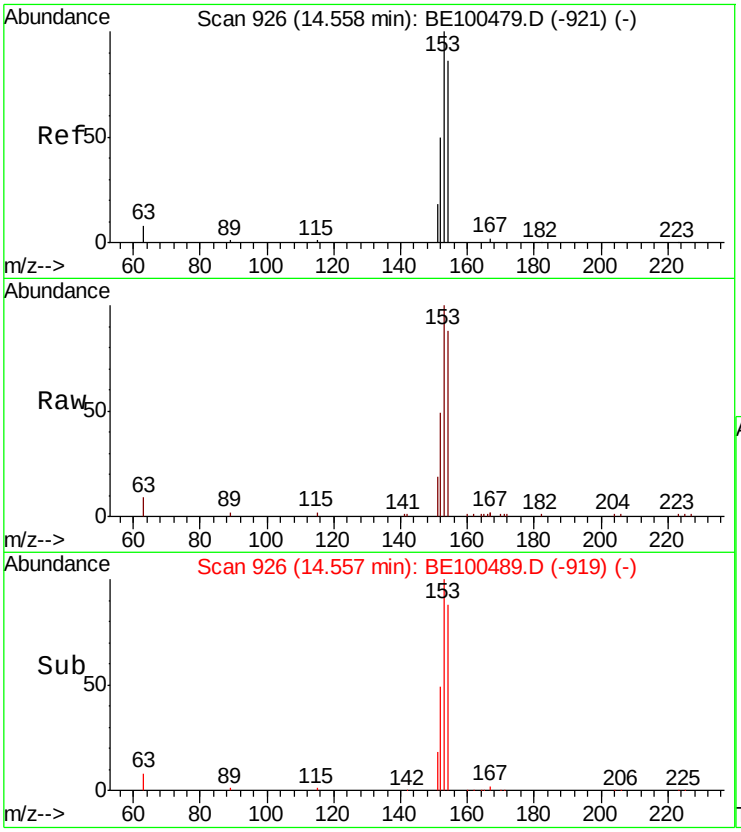


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:152 Resp: 11979

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.4	10.6	16.0



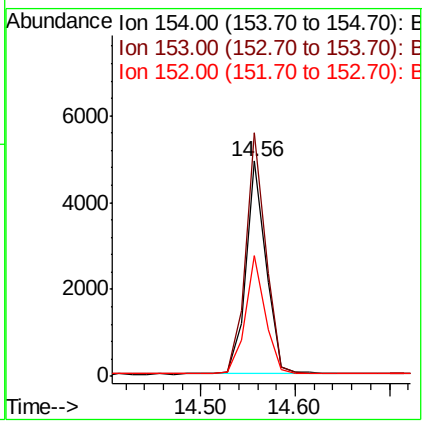


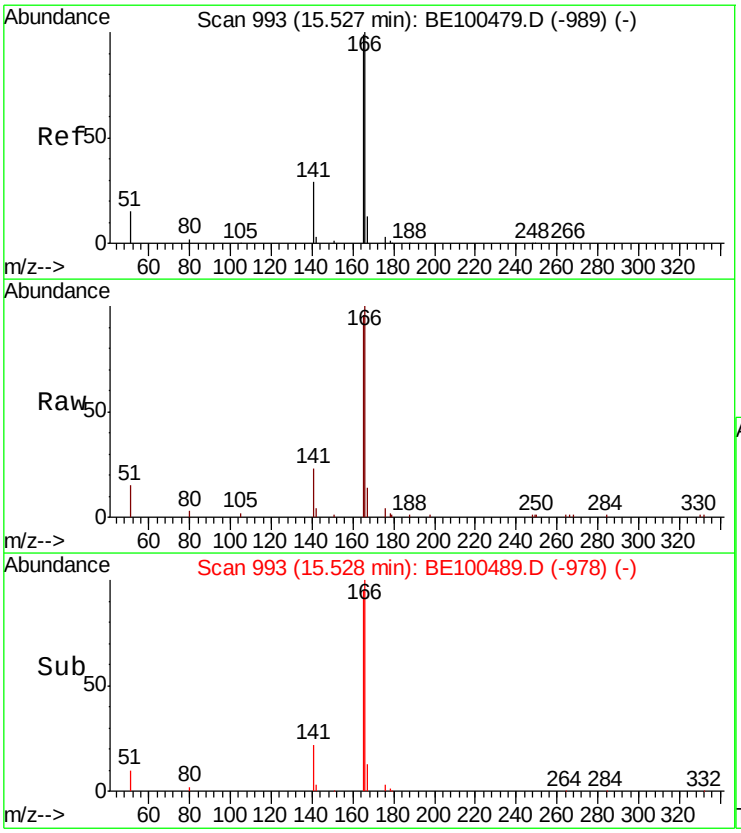
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 7325

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.8	136.2
152	54.8	45.1	67.7

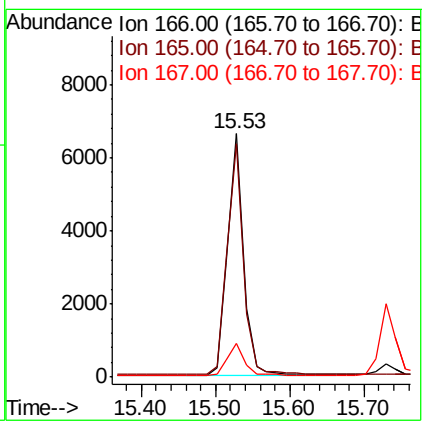


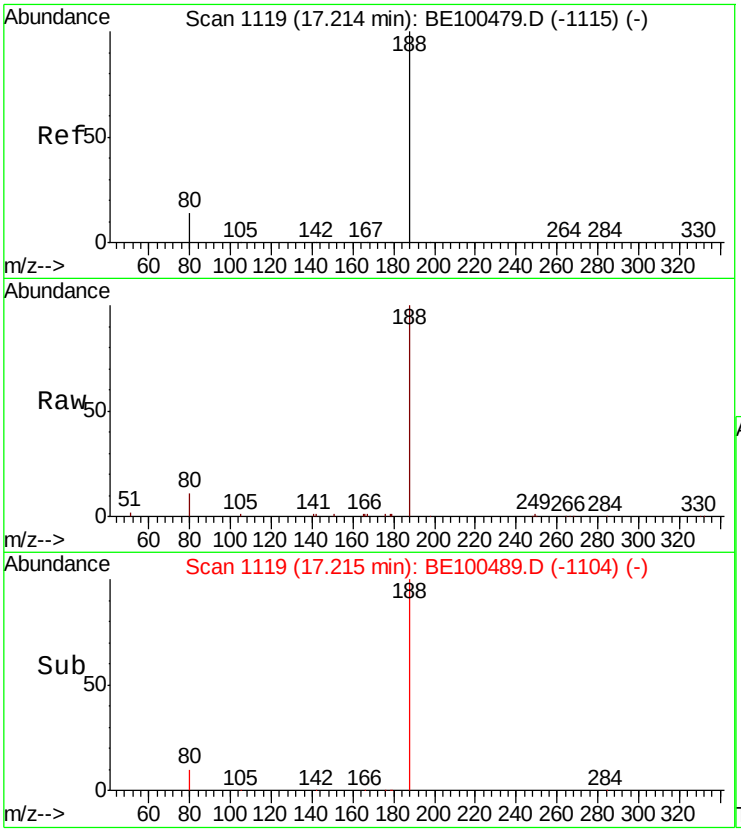


#18
Fluorene
Concen: 0.385 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:166 Resp: 9816

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.3	117.5
167	13.1	10.9	16.3



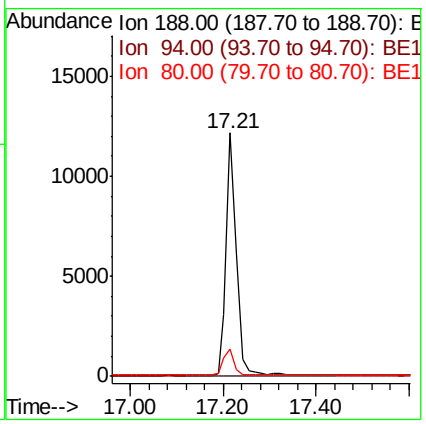


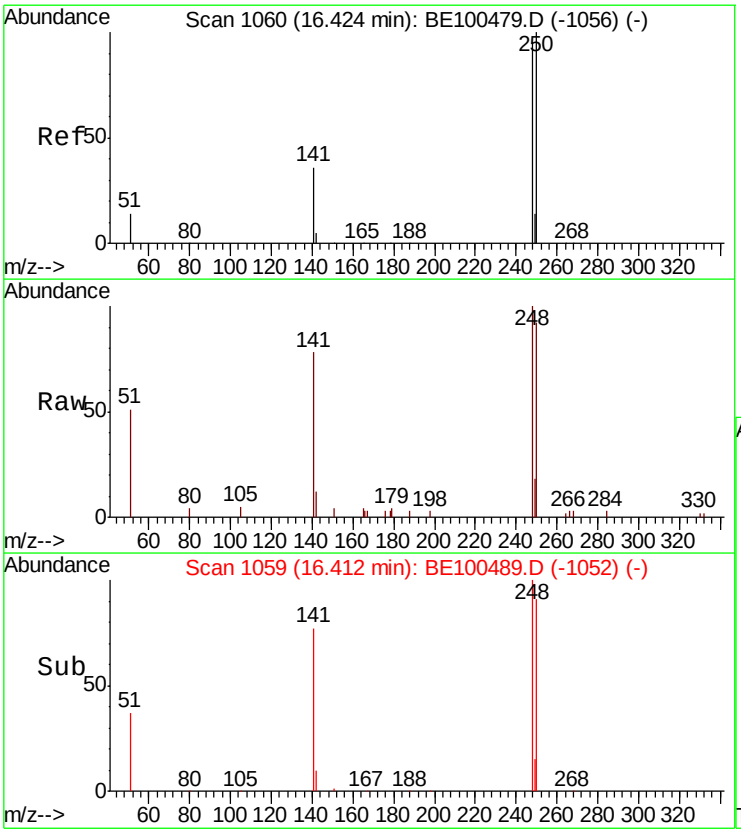
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 18572

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	11.9	17.9#

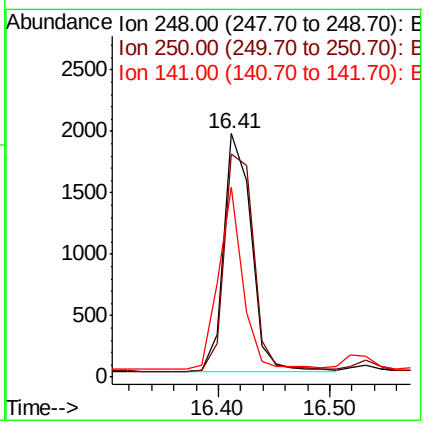


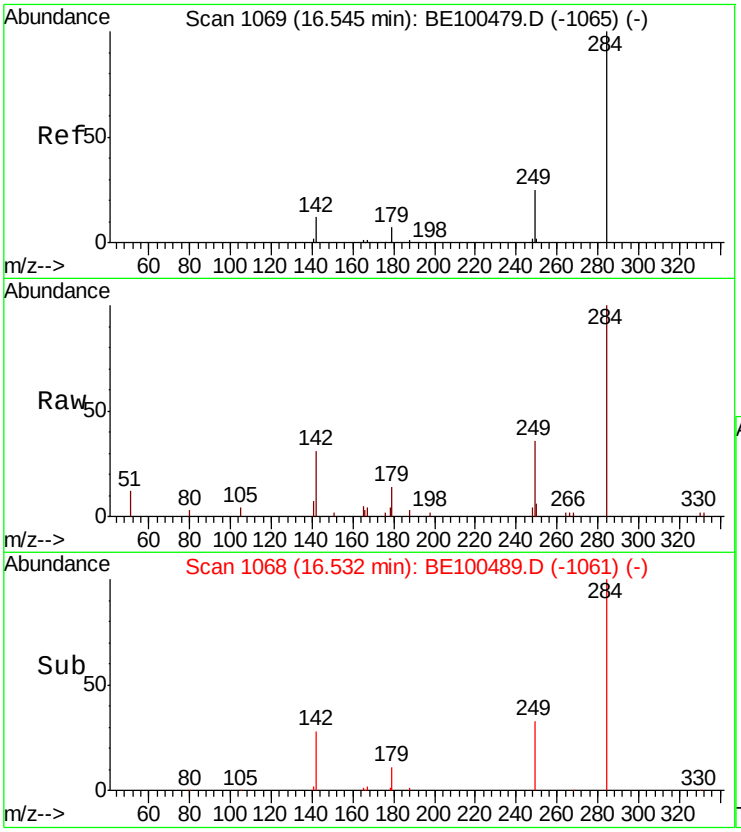


#20
4-Bromophenyl-phenylether
Concen: 0.375 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:248 Resp: 3312

Ion	Ratio	Lower	Upper
248	100		
250	91.7	84.4	126.6
141	78.3	32.2	48.2#



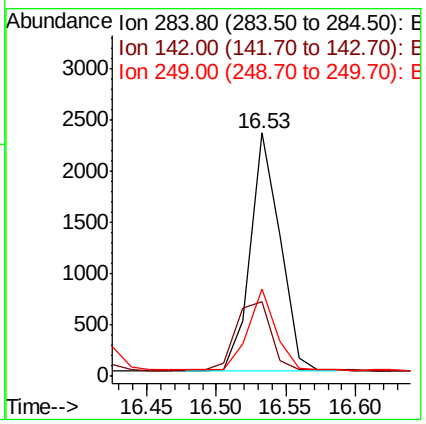


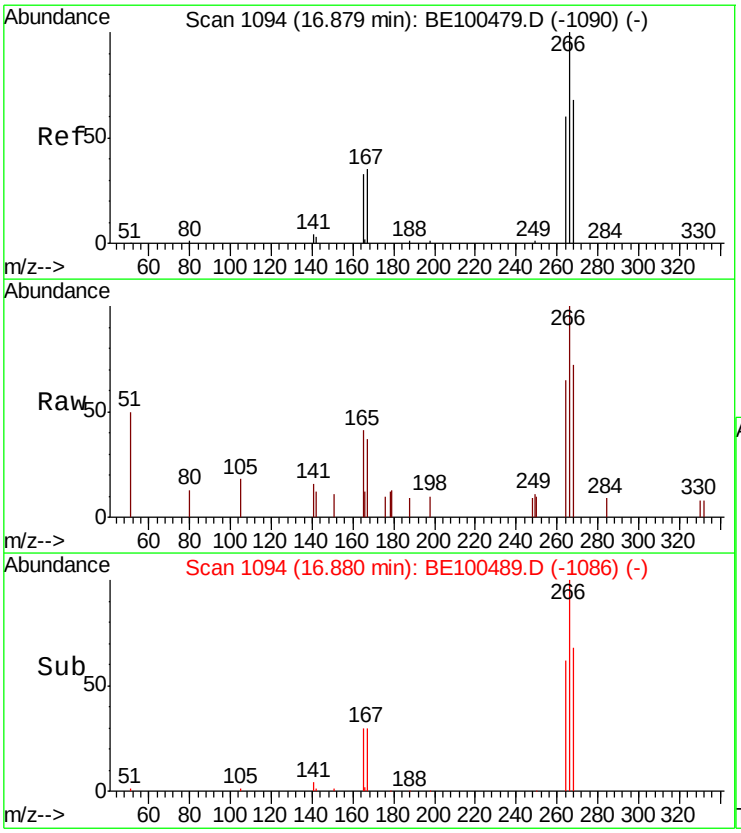
#21
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3486

Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.7	40.1
249	31.8	25.0	37.4

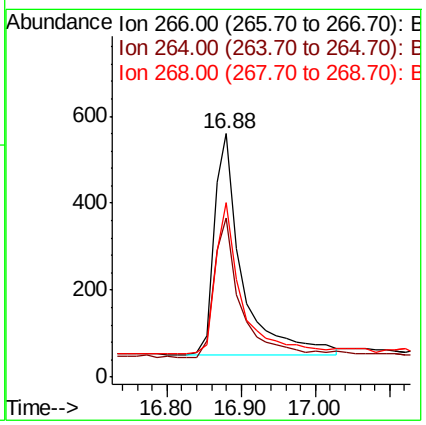


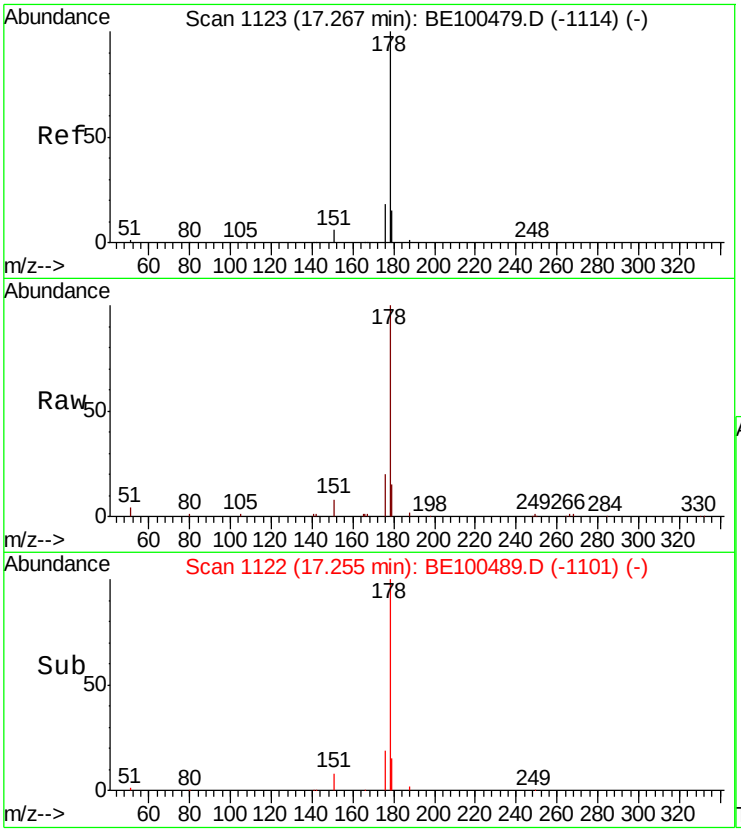


#22
Pentachlorophenol
Concen: 0.427 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:266 Resp: 1325

Ion	Ratio	Lower	Upper
266	100		
264	65.2	50.4	75.6
268	71.6	56.6	85.0



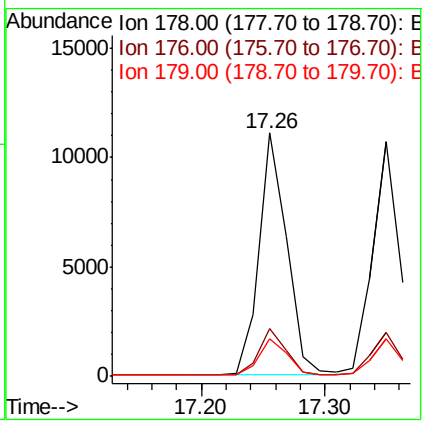


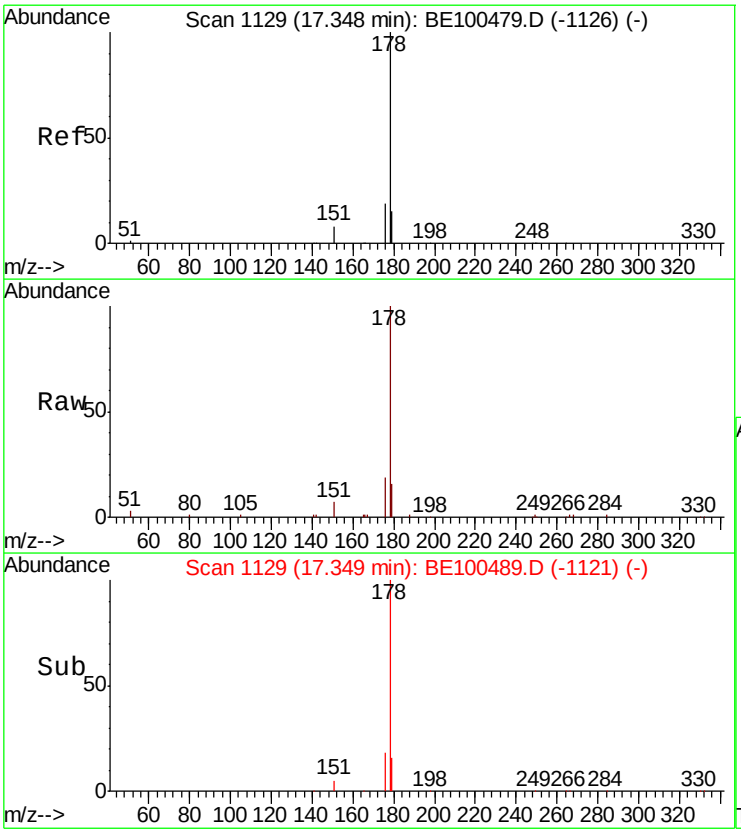
#23
Phenanthrene
Concen: 0.379 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 17227

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	14.9	12.6	18.8

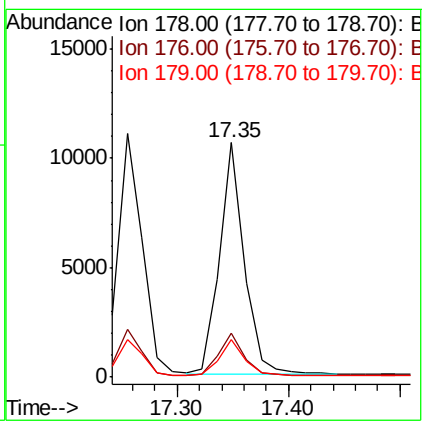


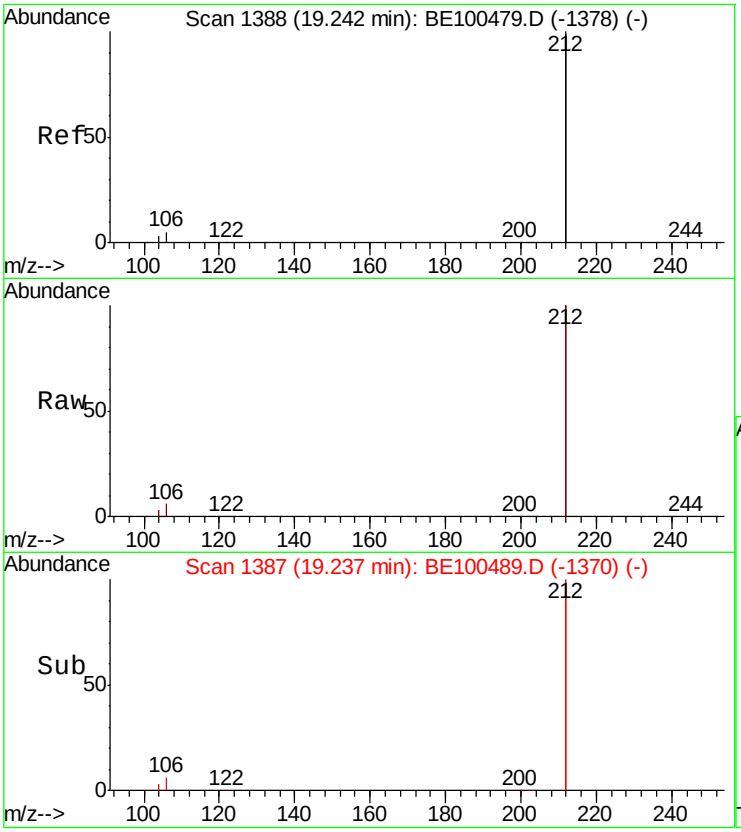


#24
Anthracene
Concen: 0.373 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:178 Resp: 16161

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.3	12.2	18.2



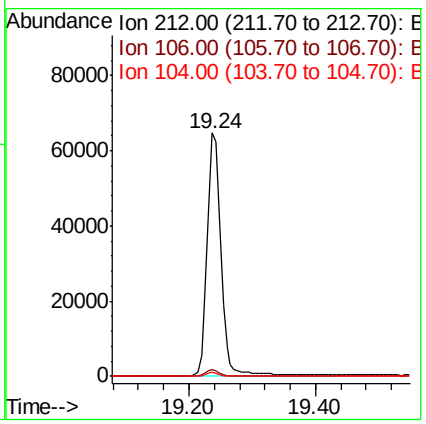


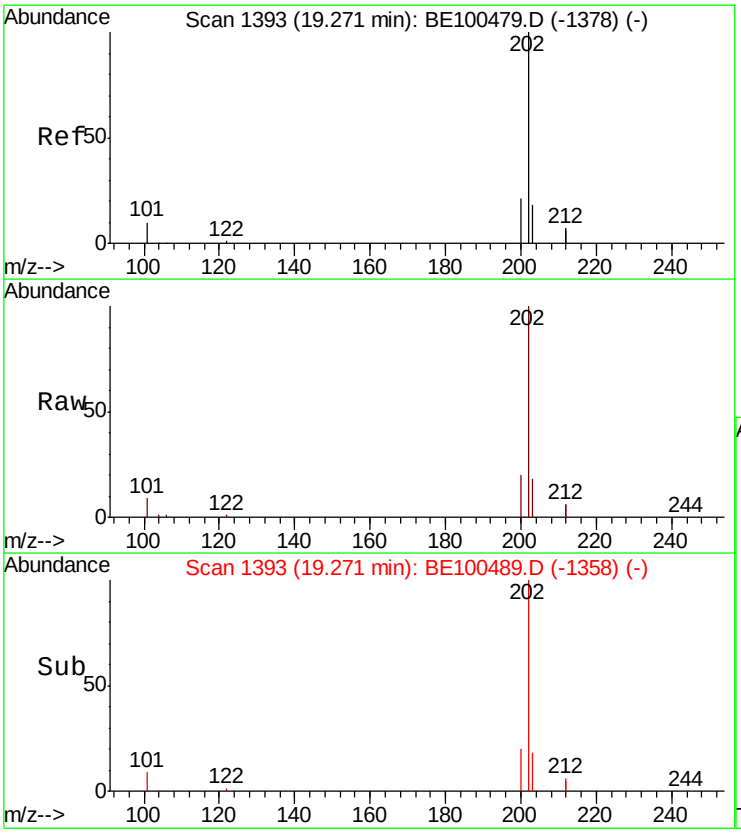
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 95416

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.4
104	1.5	1.2	1.8

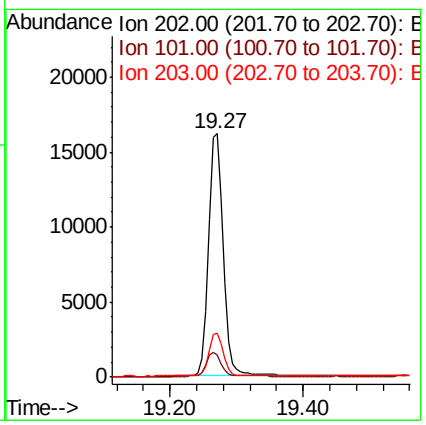


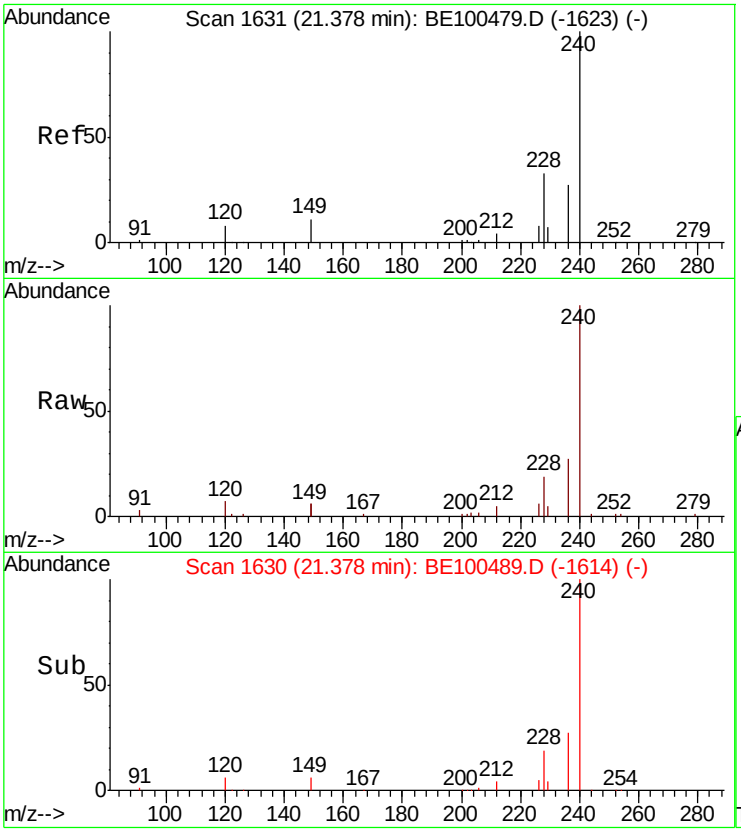


#26
Fluoranthene
Concen: 0.378 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:202 Resp: 24810

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.0	12.0
203	17.3	13.5	20.3



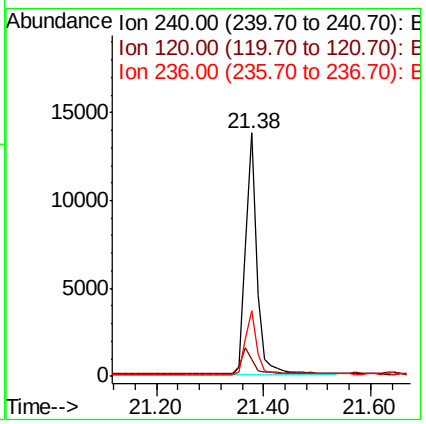


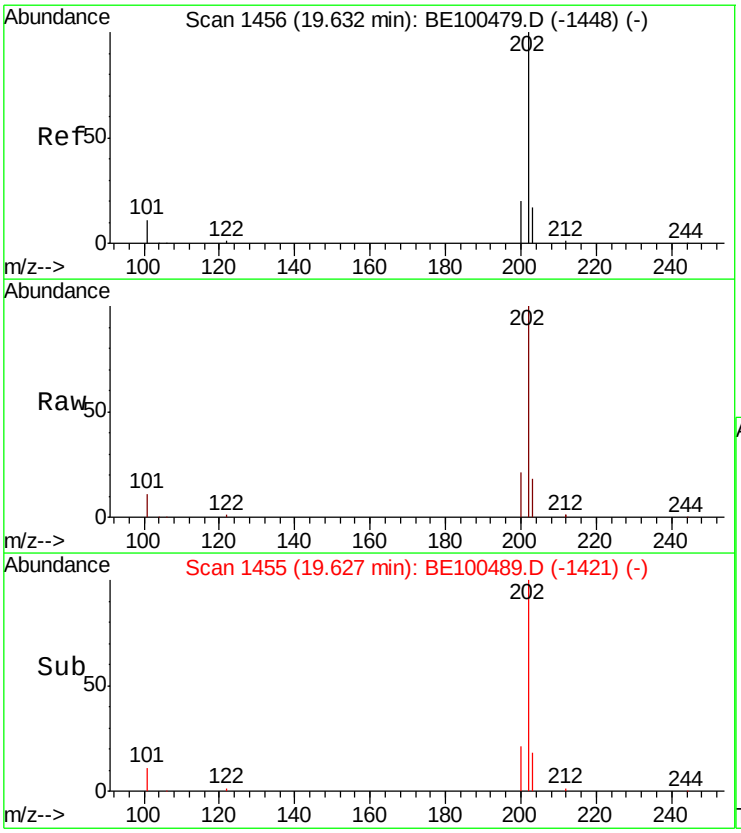
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 20988

Ion	Ratio	Lower	Upper
240	100		
120	7.0	8.2	12.2#
236	27.1	22.6	34.0

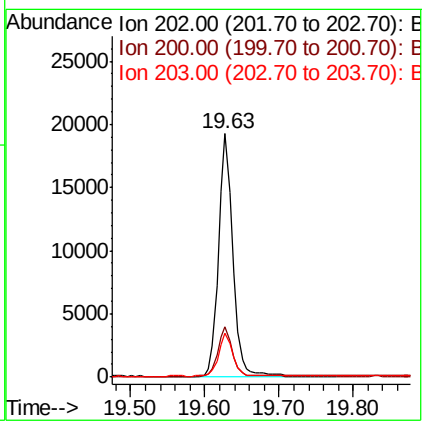


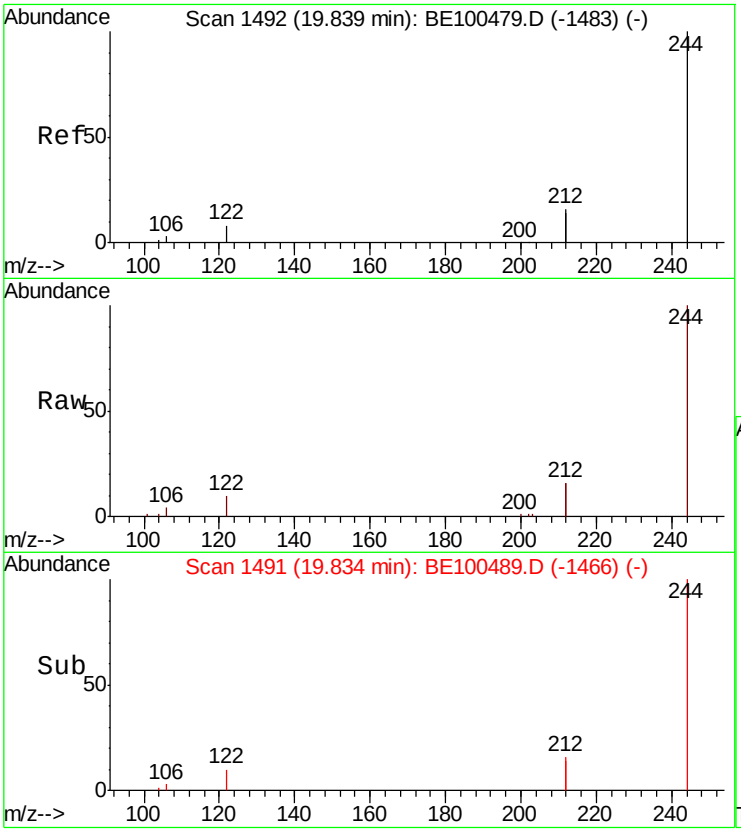


#28
Pyrene
Concen: 0.394 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:202 Resp: 25796

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.6	14.1	21.1



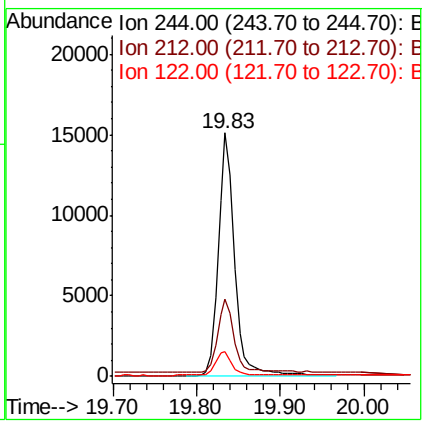


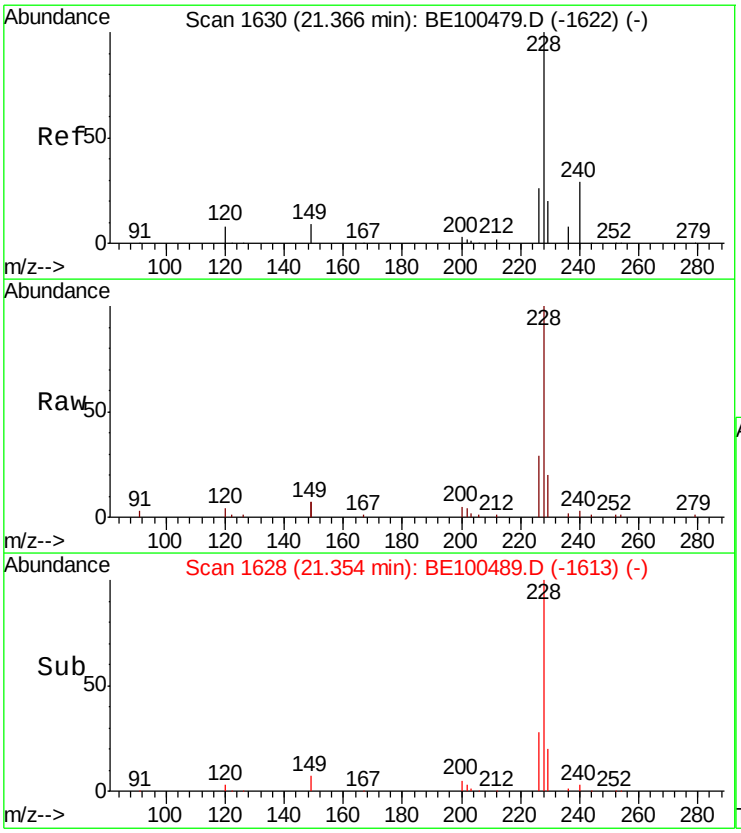
#29
Terphenyl-d14
Concen: 0.392 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 20313

Ion	Ratio	Lower	Upper
244	100		
212	31.9	25.6	38.4
122	9.9	7.2	10.8

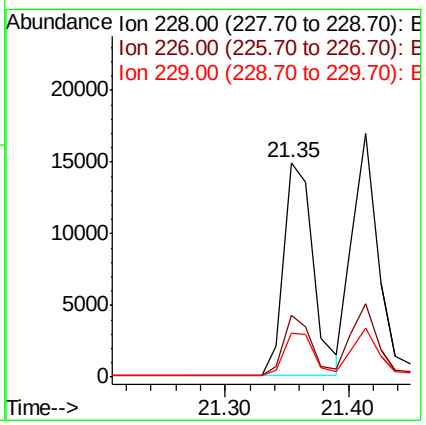


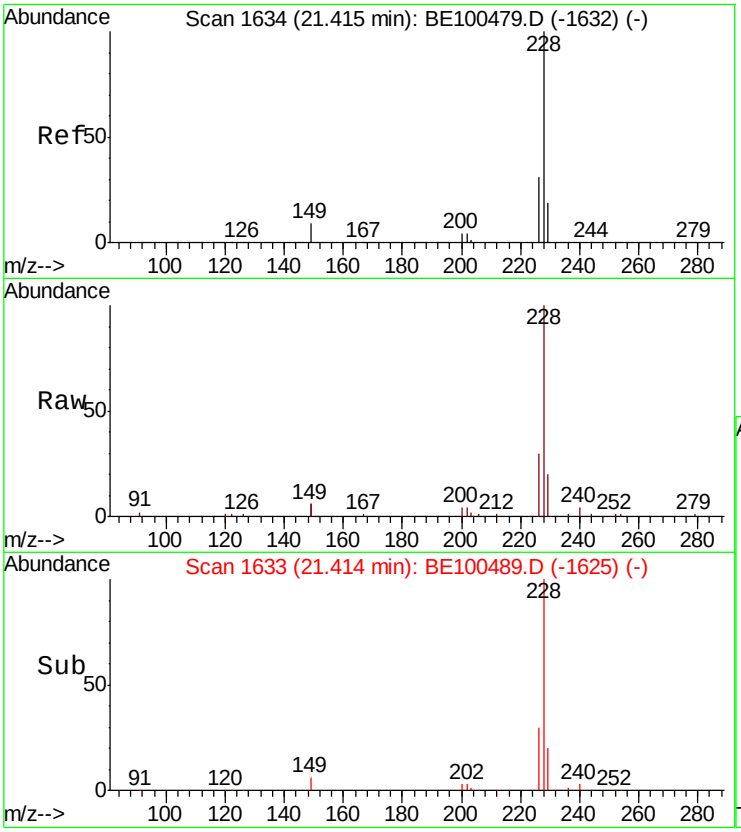


#30
Benzo(a)anthracene
Concen: 0.391 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:228 Resp: 25059

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.4	32.2
229	20.3	17.3	25.9



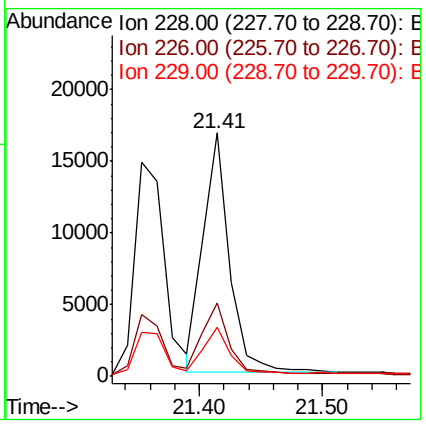


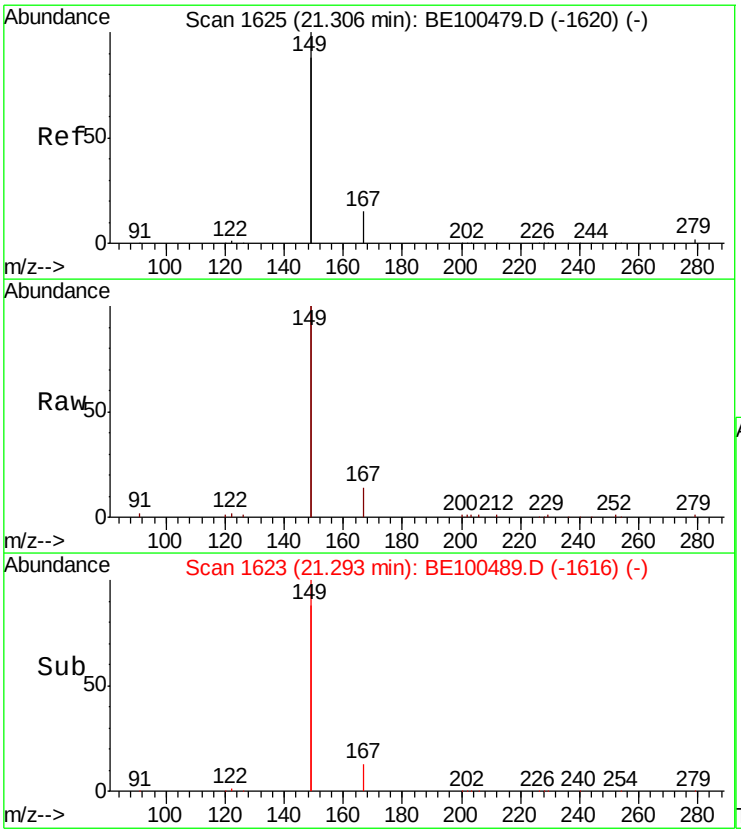
#31
Chrysene
Concen: 0.391 ng
RT: 21.41 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 24745

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.3	16.7	25.1

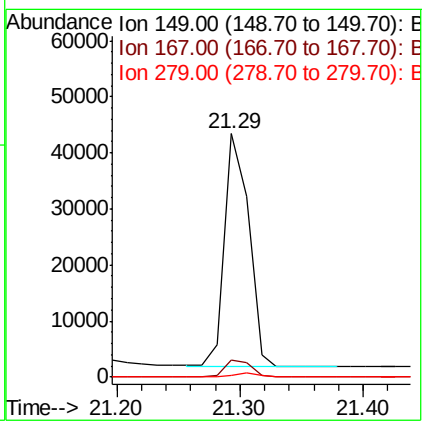


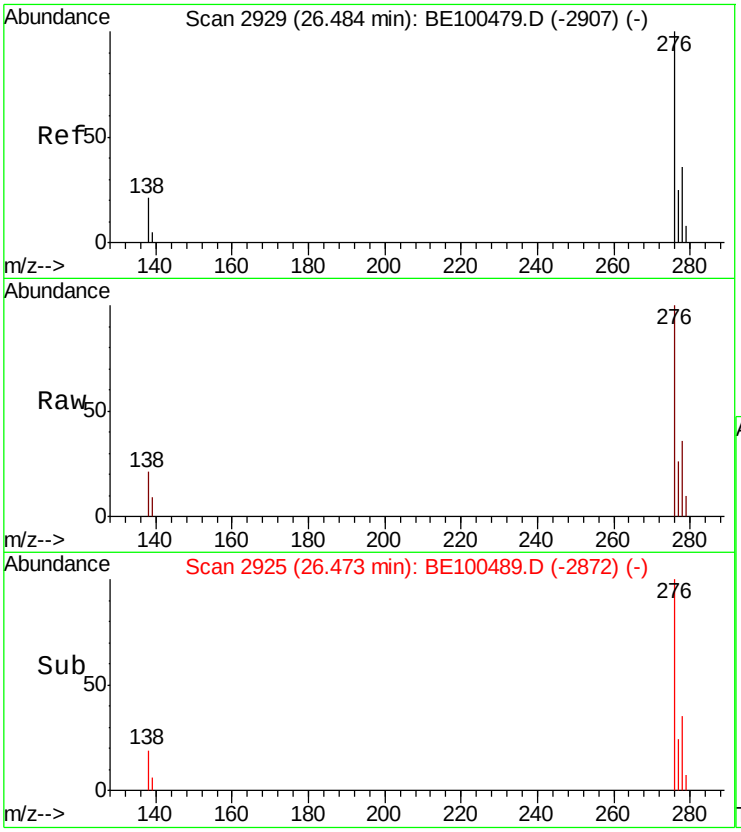


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.389 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:149 Resp: 57284

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.1	1.0	1.6



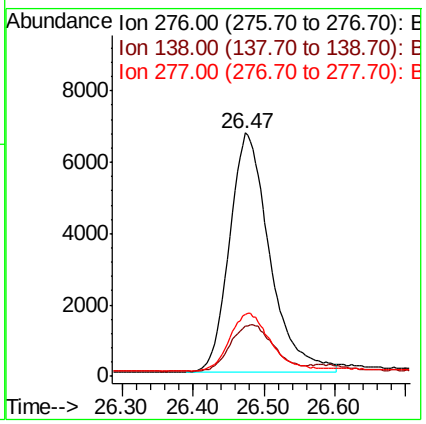


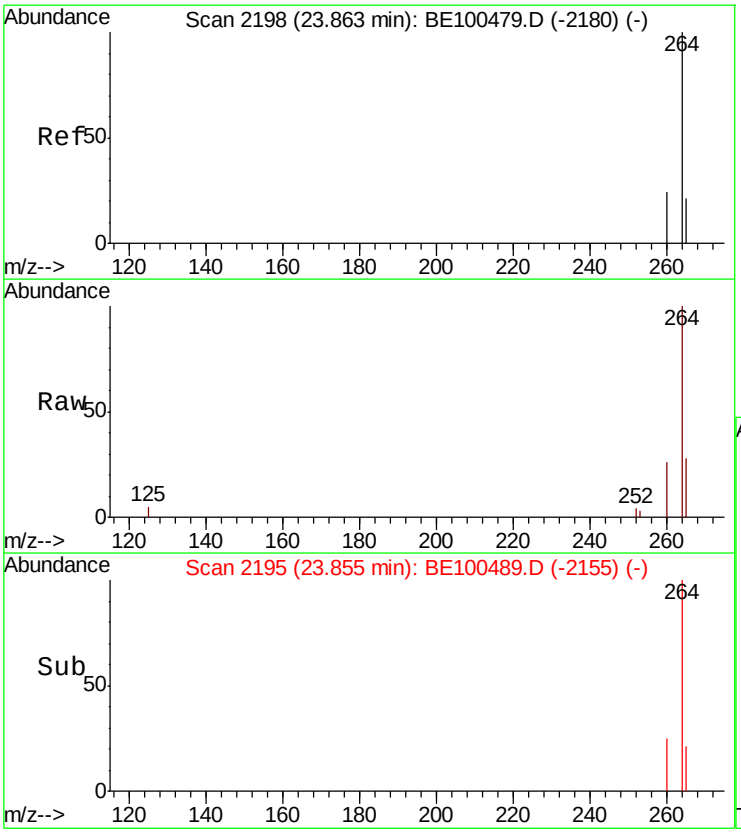
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 26523

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.6	25.0
277	24.9	19.1	28.7

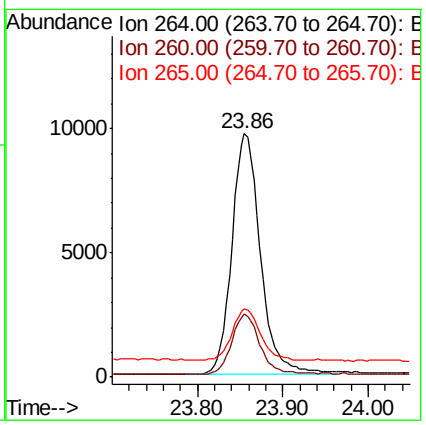


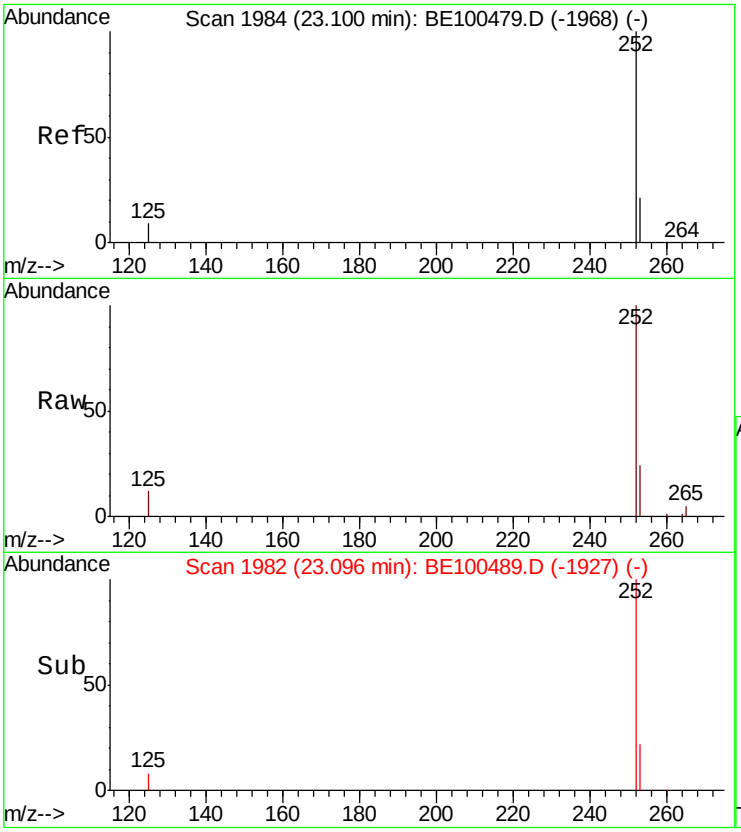


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:264 Resp: 22527

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.7	31.1
265	27.9	23.4	35.2



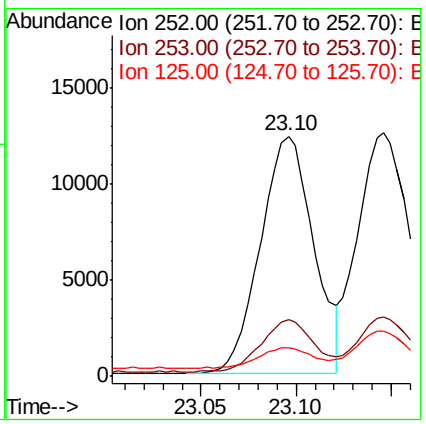


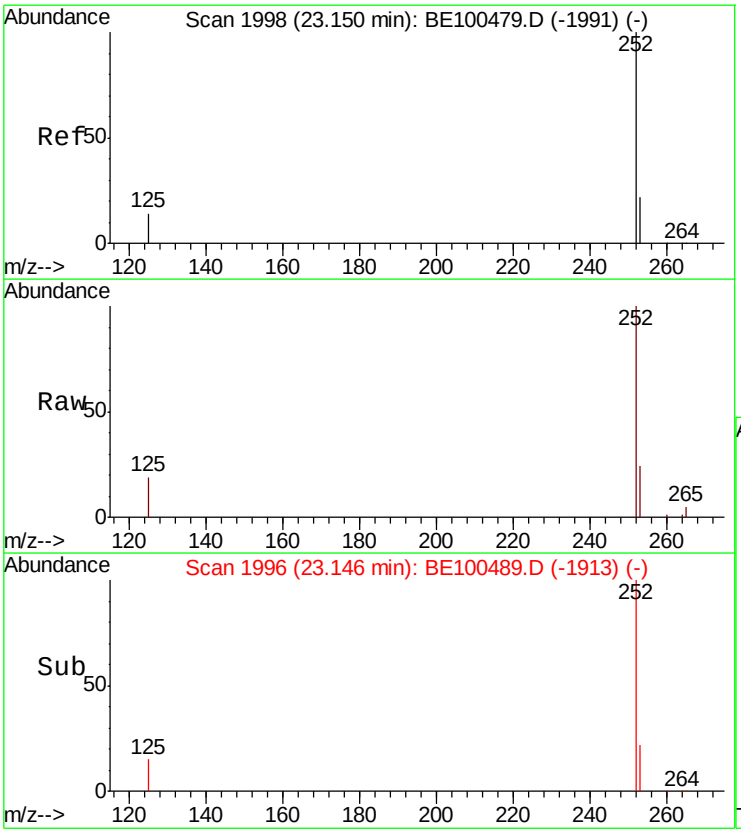
#35
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 23.10 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23945

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	11.8	11.9	17.9#

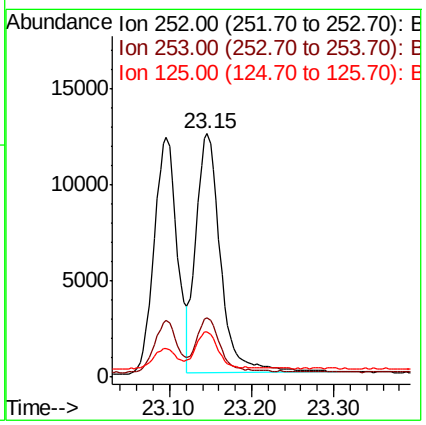


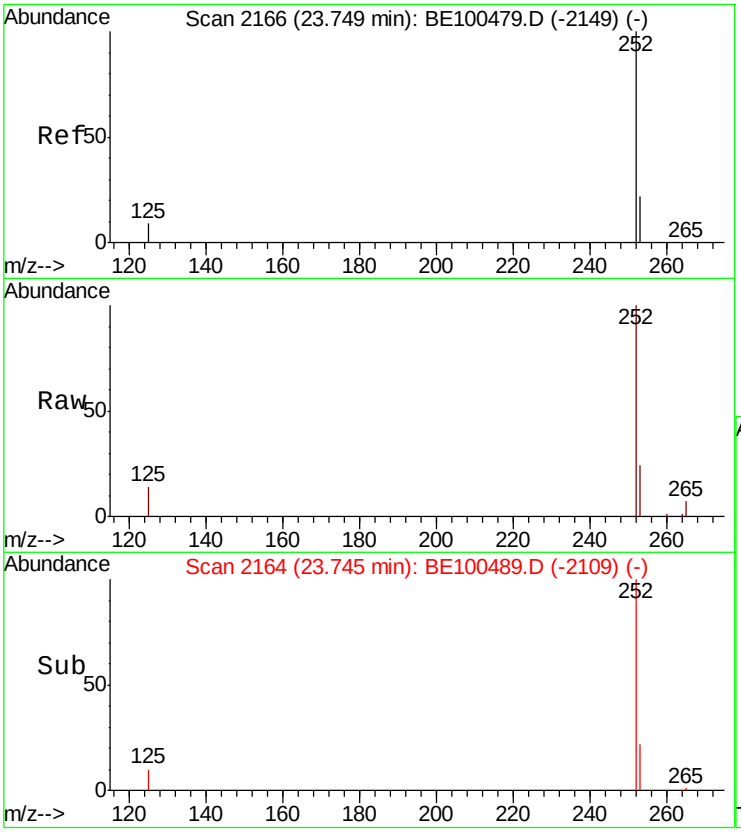


#36
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 23.15 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:252 Resp: 25878

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.7	29.5
125	18.7	15.2	22.8



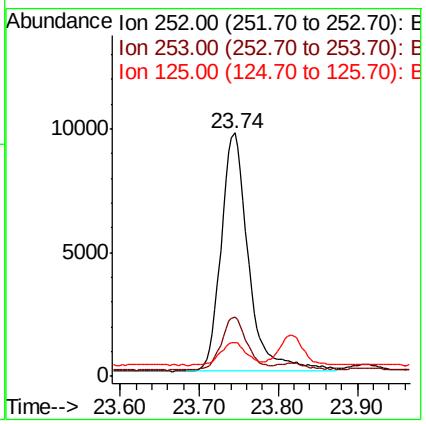


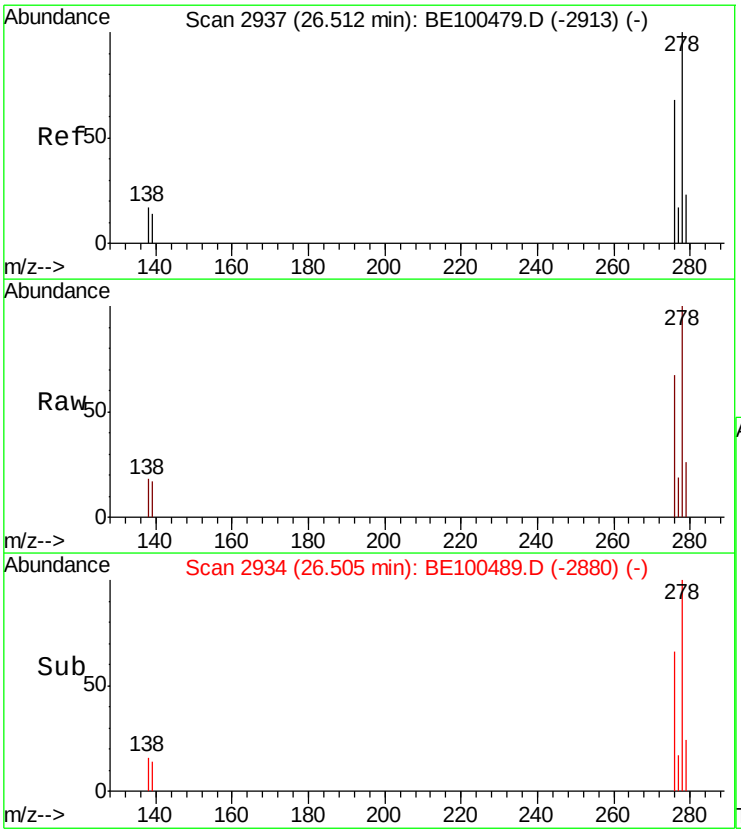
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23438

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	14.0	14.1	21.1#

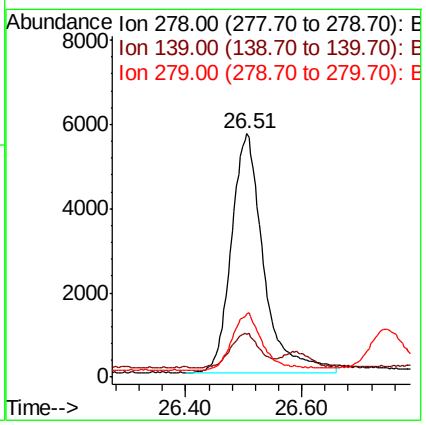


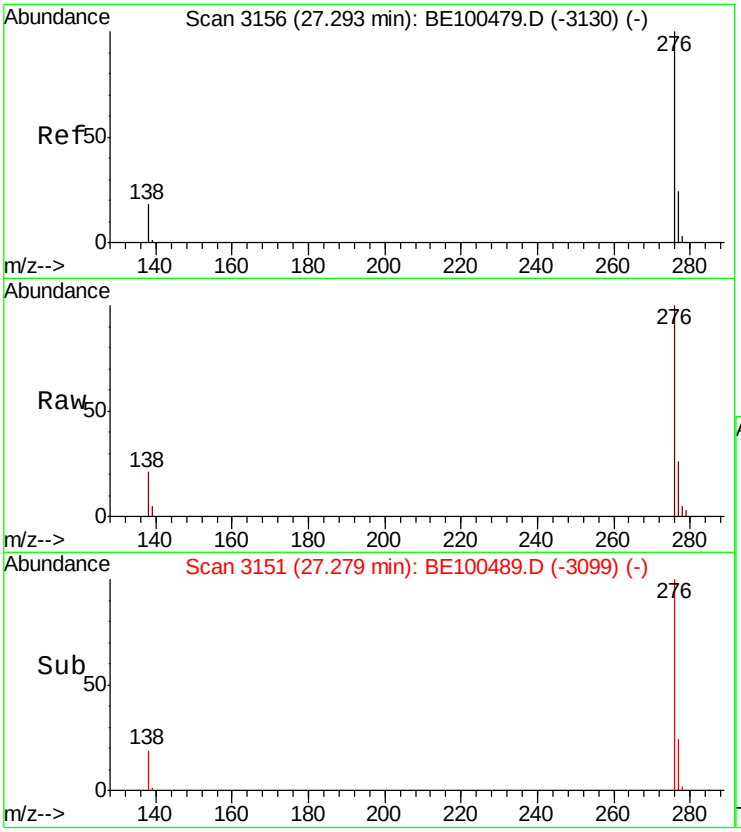


#38
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 26.51 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Tgt Ion:278 Resp: 21919

Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.8	25.2
279	26.1	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 27.28 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BE100489.D
Acq: 22 Jul 2019 21:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22603

Ion	Ratio	Lower	Upper
276	100		
277	26.4	22.0	33.0
138	21.2	17.3	25.9