Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100482.D
Acq On : 22 Jul 2019 15:42
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Jul 22 16:45:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 15:44:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	3525	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	14195	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	9254	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	24123	0.40	ng		0.00
27) Chrysene-d12	21.38	240	28266	0.40	ng		0.00
34) Perylene-d12	23.86	264	29188	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	25650	2.92	ng		-0.01
5) Phenol-d6	7.03	99	39214	3.18	ng		0.00
8) Nitrobenzene-d5	9.02	82	41032	3.58	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	78059	3.42	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	14529	3.74	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	119276	3.13	ng		0.00
25) Fluoranthene-d10	19.24	212	1073279	3.18	ng		0.00
29) Terphenyl-d14	19.84	244	217538	3.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	13659	2.522	ng		94
3) n-Nitrosodimethylamine	3.66	42	11179	3.572	ng	#	90
6) bis(2-Chloroethyl)ether	7.29	93	32981	3.090	ng		98
9) Naphthalene	10.71	128	437957	3.224	ng		100
10) Hexachlorobutadiene	11.00	225	20206	3.102	ng		98
12) 2-Methylnaphthalene	12.32	142	79471	3.355	ng		98
16) Acenaphthylene	14.21	152	142611	3.354	ng		99
17) Acenaphthene	14.56	154	86506	3.345	ng		96
18) Fluorene	15.53	166	112295	3.264	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	37529	3.371	ng	#	68
21) Hexachlorobenzene	16.53	284	37986	3.273	ng		98
22) Pentachlorophenol	16.88	266	19277	4.103	ng		96
23) Phenanthrene	17.25	178	189451	3.175	ng		99
24) Anthracene	17.35	178	187526	3.363	ng		99
26) Fluoranthene	19.27	202	268751	3.031	ng		99
28) Pyrene	19.63	202	276247	3.324	ng		99
30) Benzo(a)anthracene	21.37	228	274454	3.183	ng		98
31) Chrysene	21.41	228	267445	3.110	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	585322	3.059	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	295346	3.177	ng		98
35) Benzo(b)fluoranthene	23.10	252	264904	3.285	ng	#	92
36) Benzo(k)fluoranthene	23.15	252	269360	3.143	ng	#	88
37) Benzo(a)pyrene	23.75	252	250351	3.218	ng	#	90
38) Dibenzo(a,h)anthracene	26.51	278	242970	3.316	ng	#	90
39) Benzo(g,h,i)perylene	27.29	276	241397	3.198	ng		94

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

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Misc :
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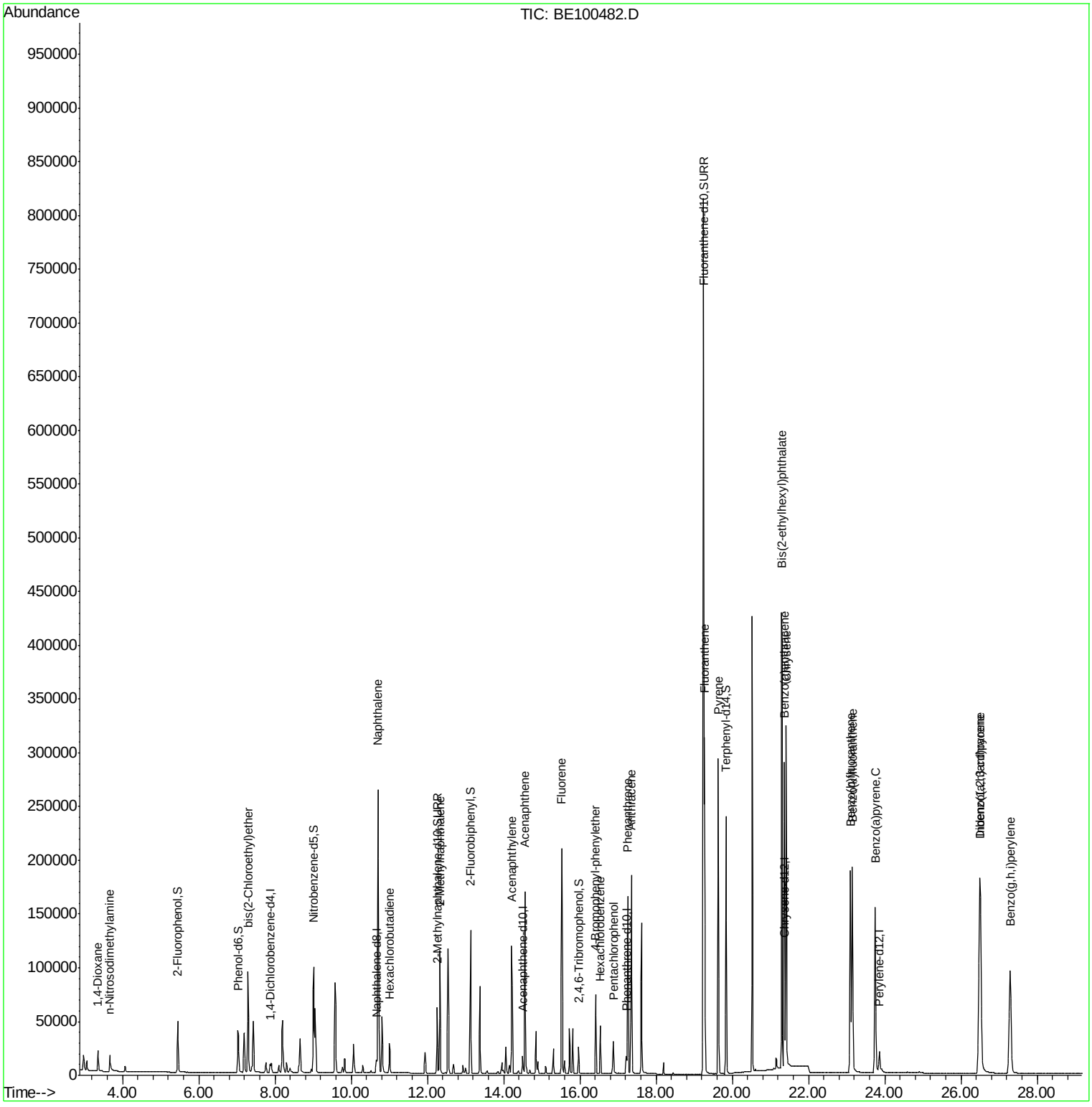
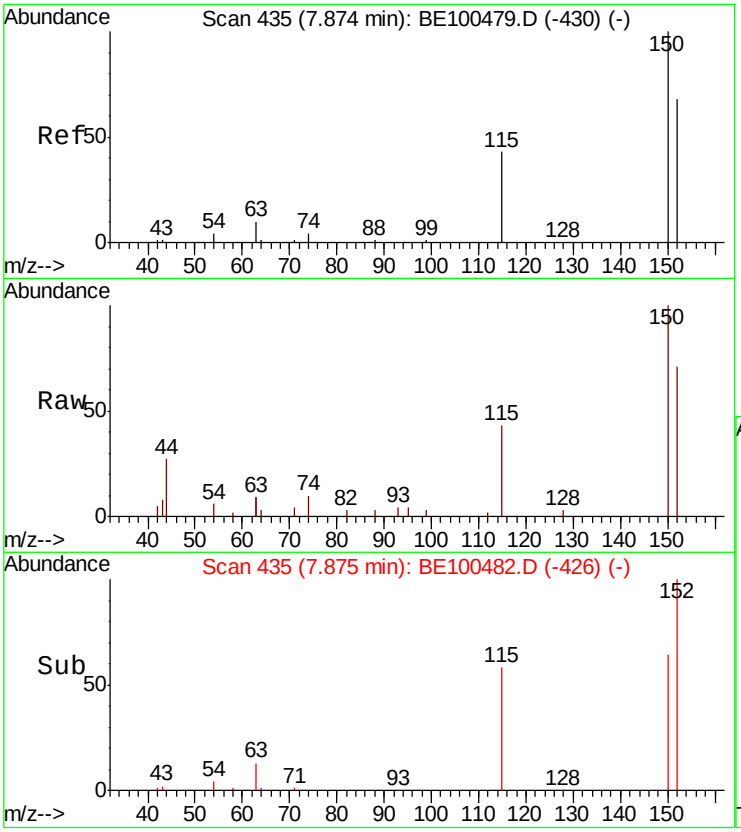
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Jul 22 16:45:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 15:44:08 2019
Response via : Initial Calibration



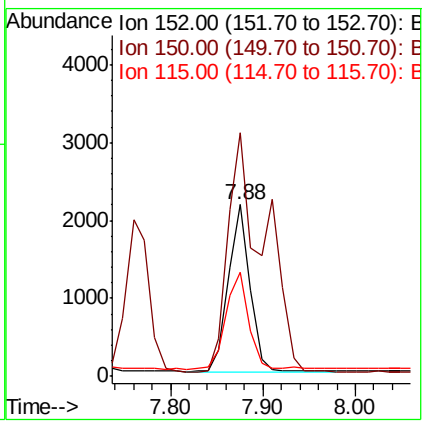


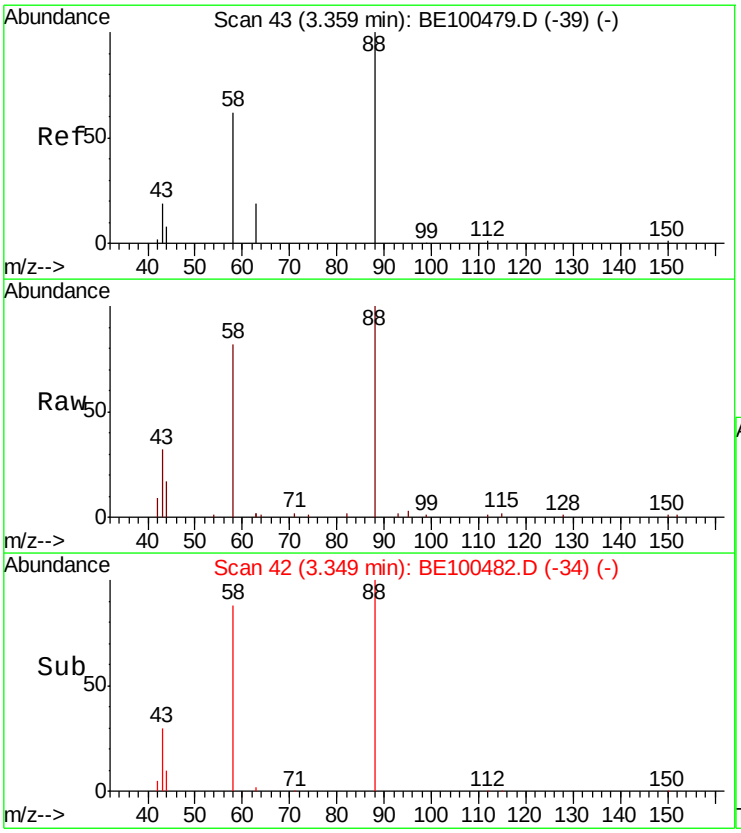
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 3525

Ion	Ratio	Lower	Upper
152	100		
150	141.8	115.0	172.6
115	60.4	52.9	79.3

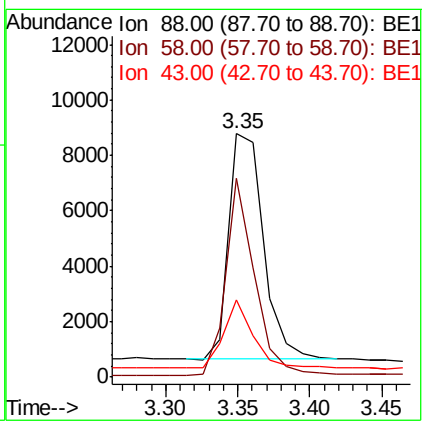


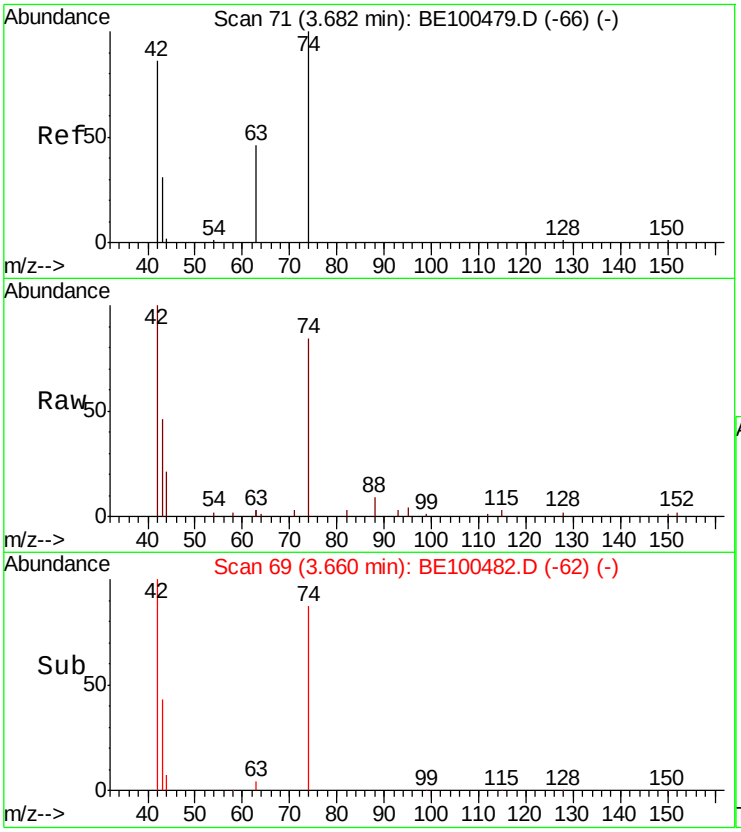


#2
1,4-Dioxane
Concen: 2.522 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.01 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion: 88 Resp: 13659

Ion	Ratio	Lower	Upper
88	100		
58	72.4	53.2	79.8
43	24.5	20.8	31.2



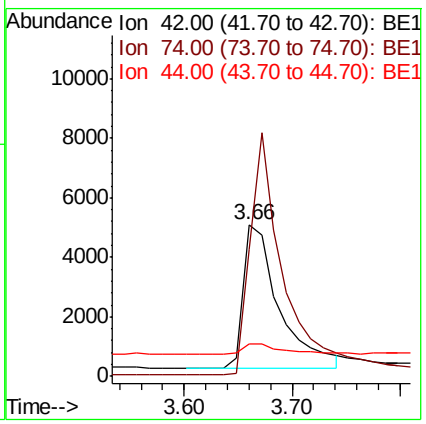


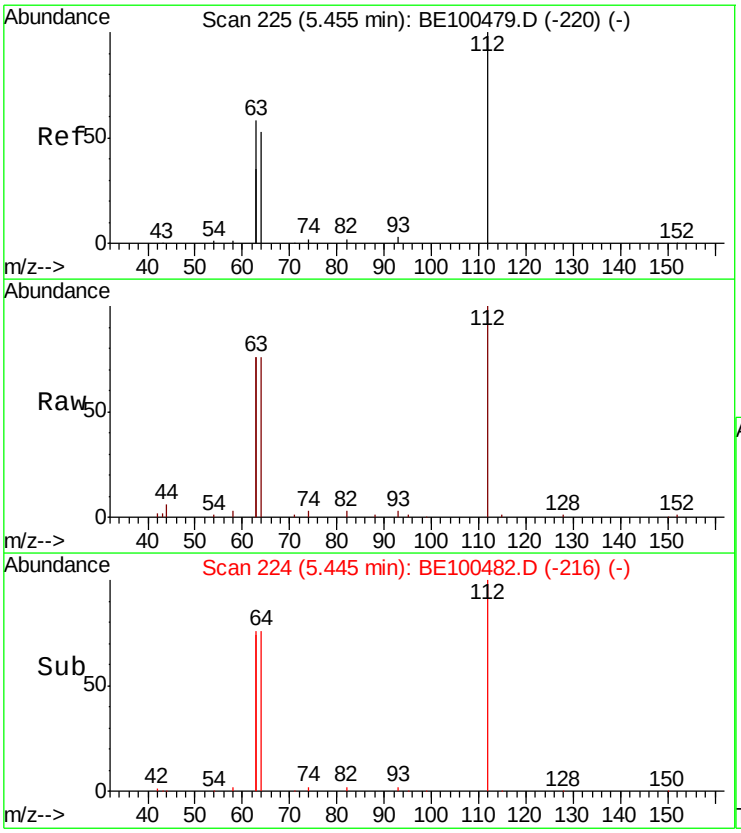
#3
n-Nitrosodimethylamine
Concen: 3.572 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.02 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 11179

Ion	Ratio	Lower	Upper
42	100		
74	151.4	0.0	0.0#
44	8.0	9.6	14.4#

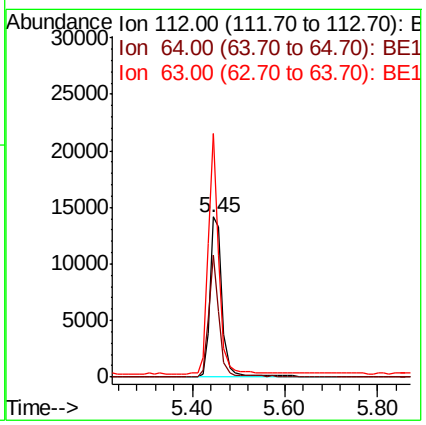


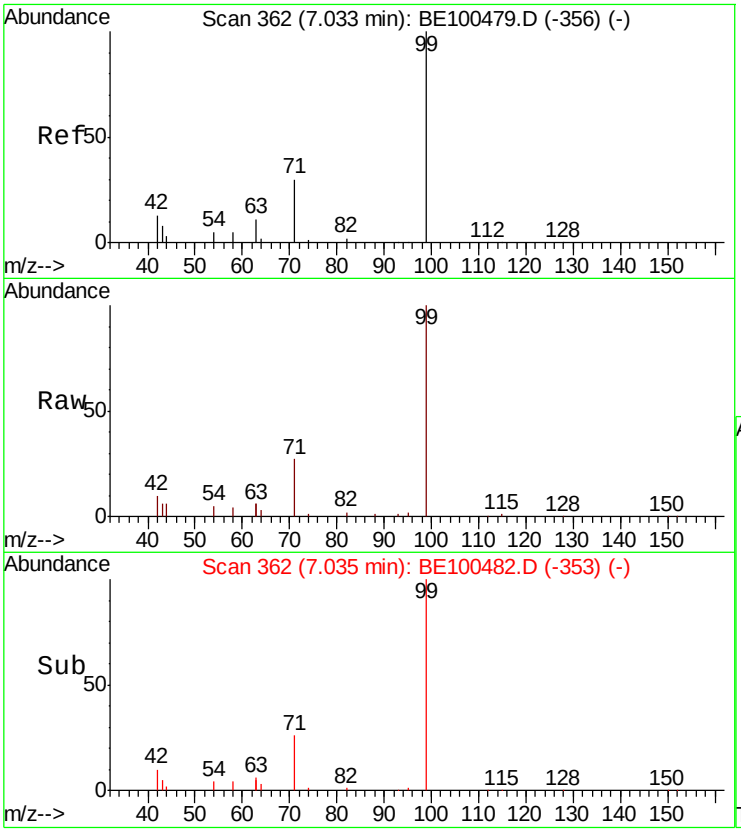


#4
2-Fluorophenol
Concen: 2.925 ng
RT: 5.45 min Scan# 224
Delta R.T. -0.01 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:112 Resp: 25650

Ion	Ratio	Lower	Upper
112	100		
64	65.7	54.1	81.1
63	131.6	104.6	157.0



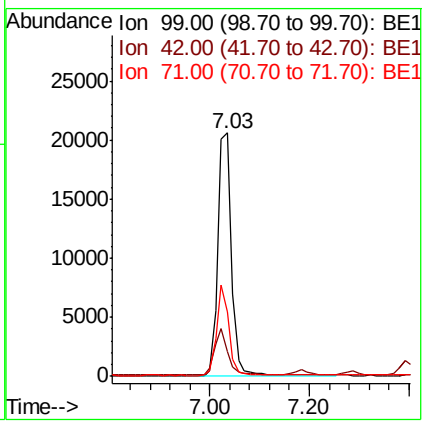


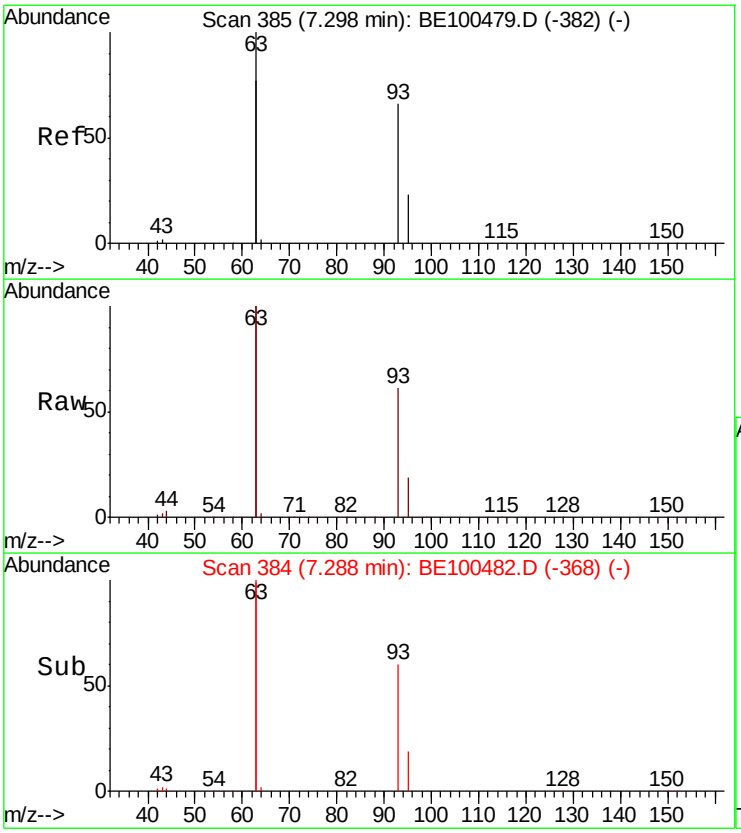
#5
Phenol-d6
Concen: 3.183 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 39214

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	32.7	26.4	39.6

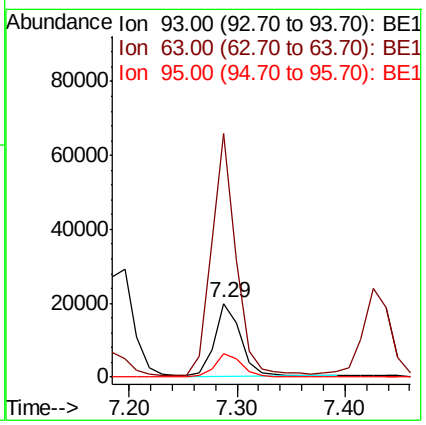


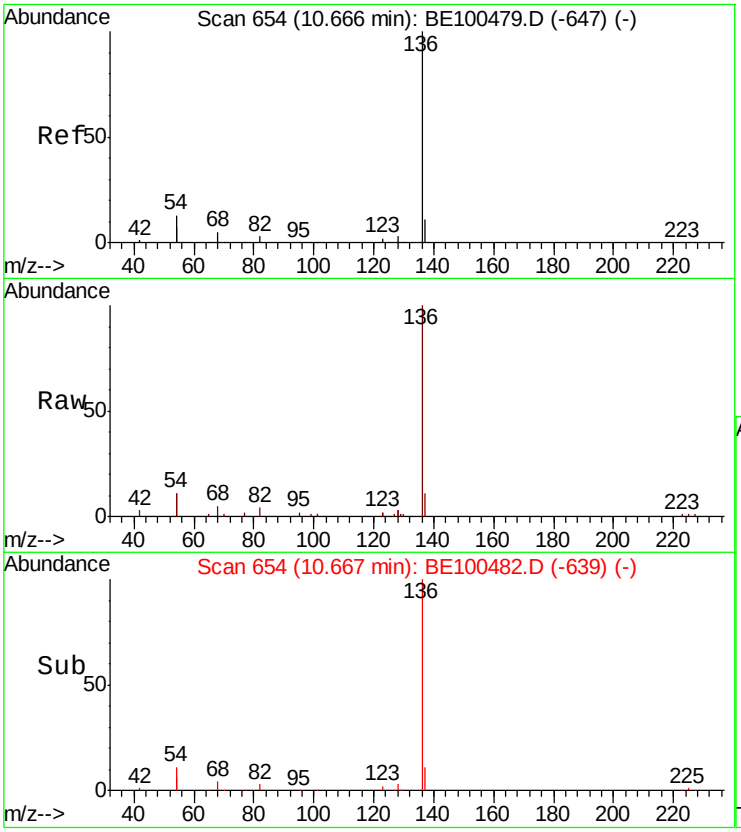


#6
bis(2-Chloroethyl)ether
Concen: 3.090 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.01 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion: 93 Resp: 32981

Ion	Ratio	Lower	Upper
93	100		
63	314.5	248.3	372.5
95	32.1	25.4	38.0



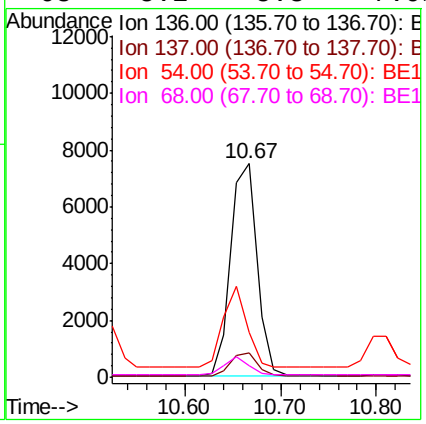


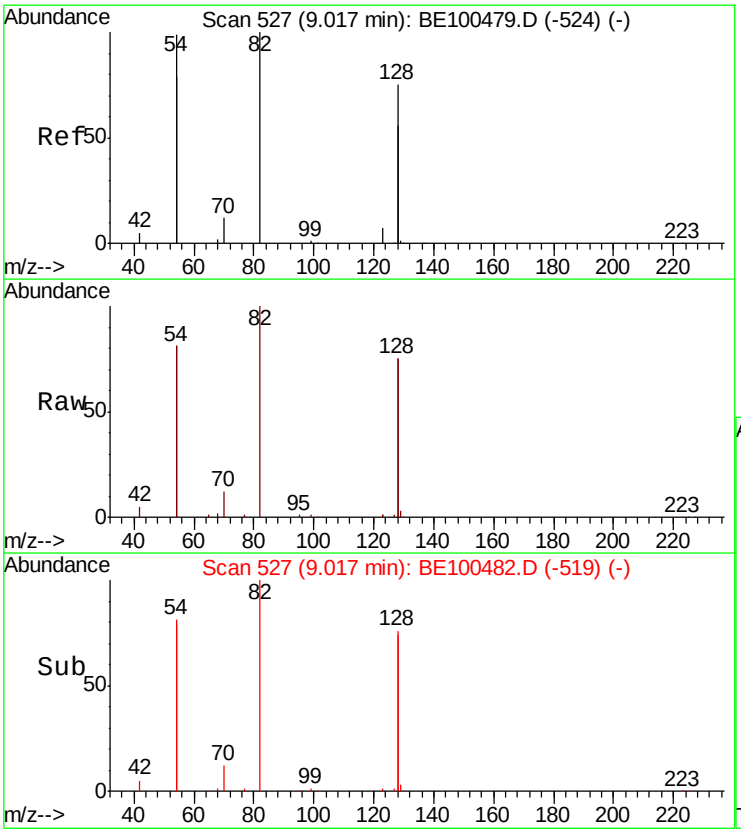
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 14195

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	21.2	20.6	31.0
68	5.2	5.3	7.9#

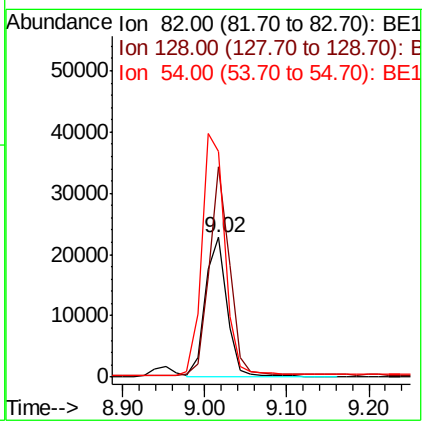


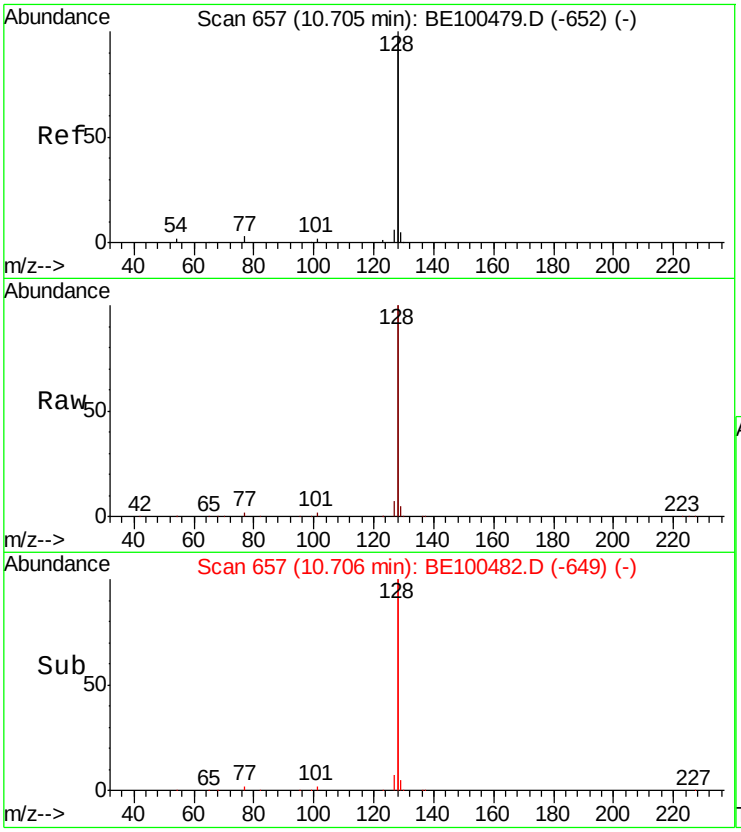


#8
Nitrobenzene-d5
Concen: 3.577 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion: 82 Resp: 41032

Ion	Ratio	Lower	Upper
82	100		
128	150.9	113.6	170.4
54	161.2	150.6	226.0



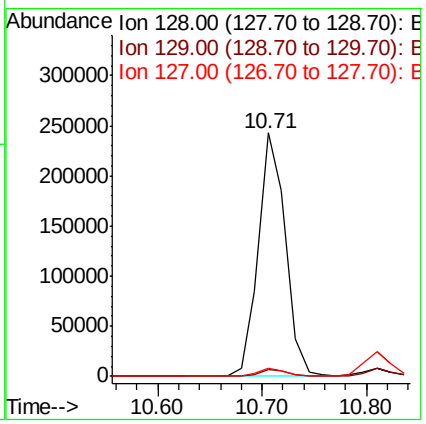


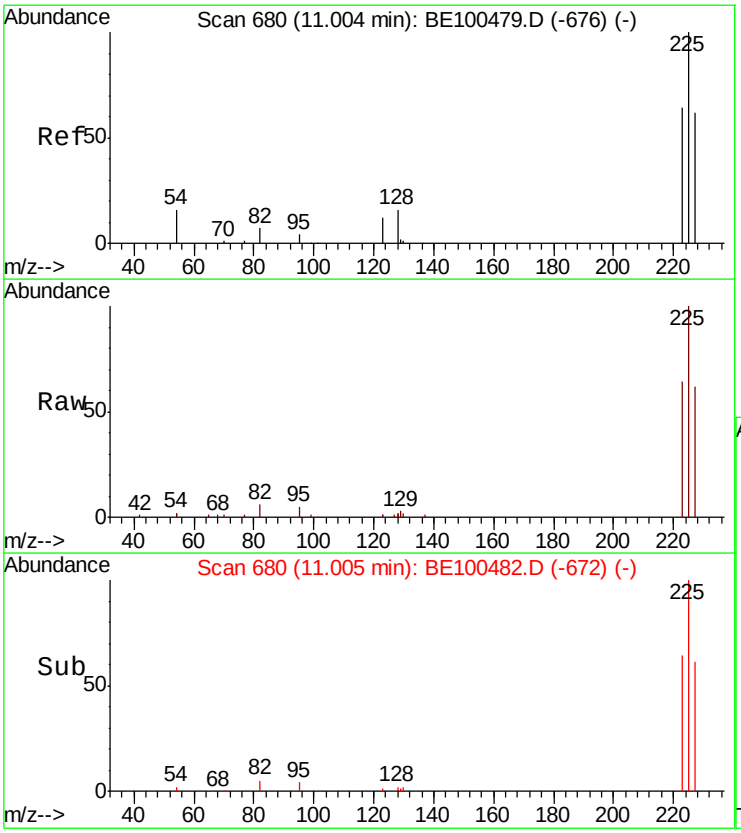
#9
Naphthalene
Concen: 3.224 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 437957

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.3	2.7	4.1

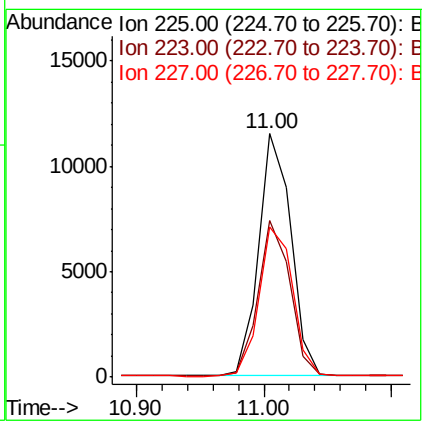


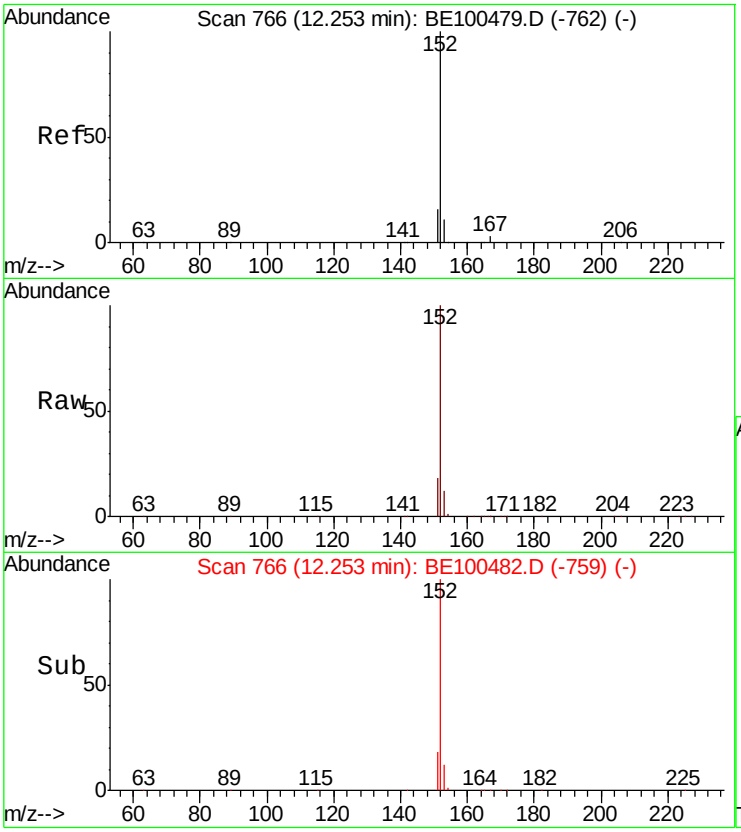


#10
Hexachlorobutadiene
Concen: 3.102 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:225 Resp: 20206

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	63.4	51.4	77.2



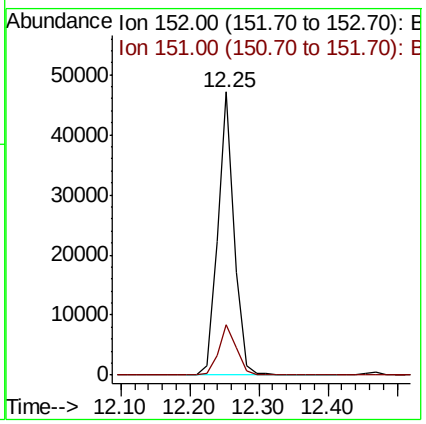


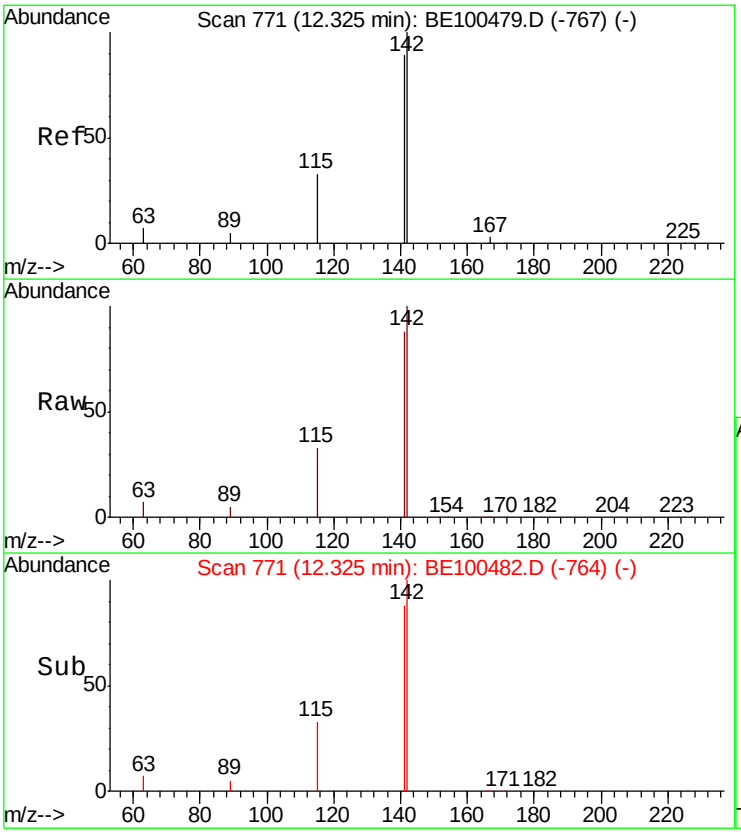
#11
2-Methylnaphthalene-d10
Concen: 3.424 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 78059

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

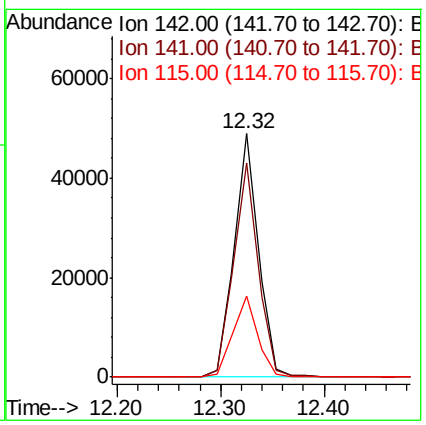


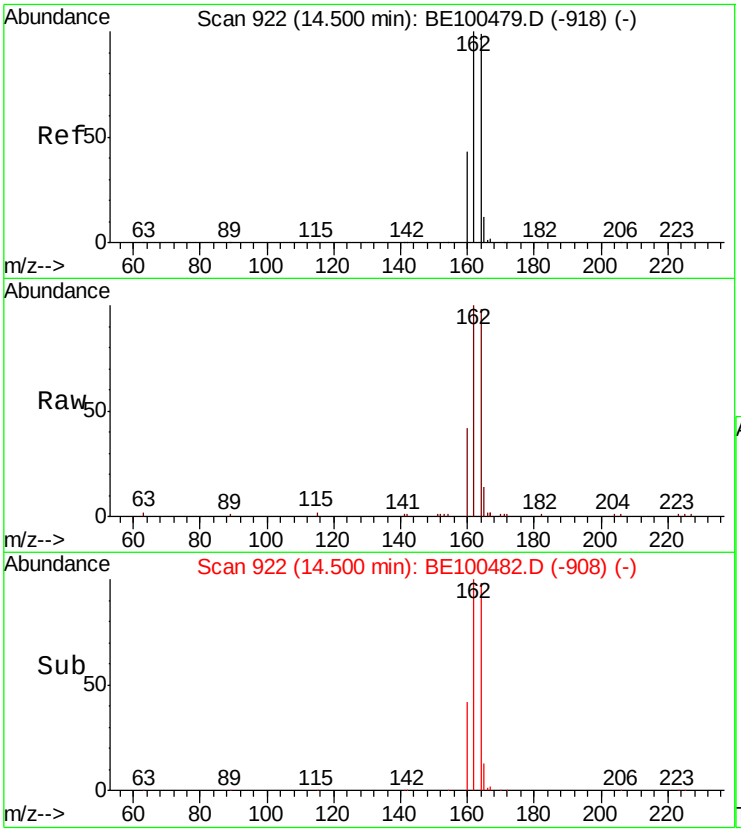


#12
2-Methylnaphthalene
Concen: 3.355 ng
RT: 12.32 min Scan# 771
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:142 Resp: 79471

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	33.1	27.8	41.6



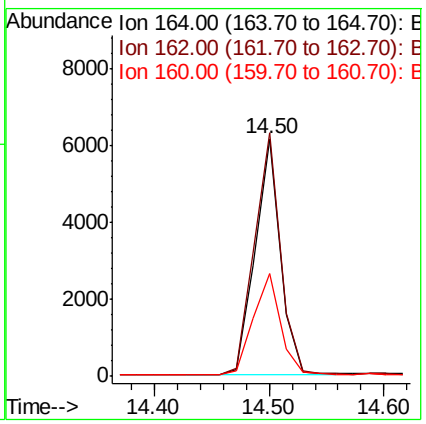


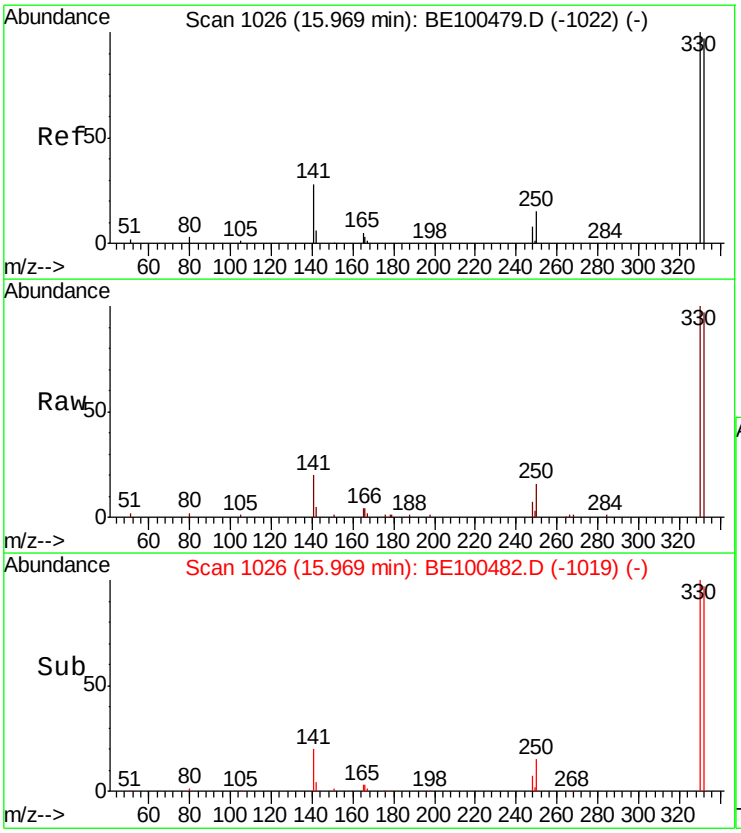
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 9254

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.8	121.2
160	43.0	34.9	52.3

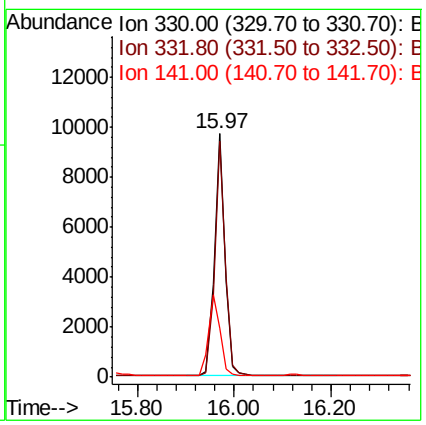


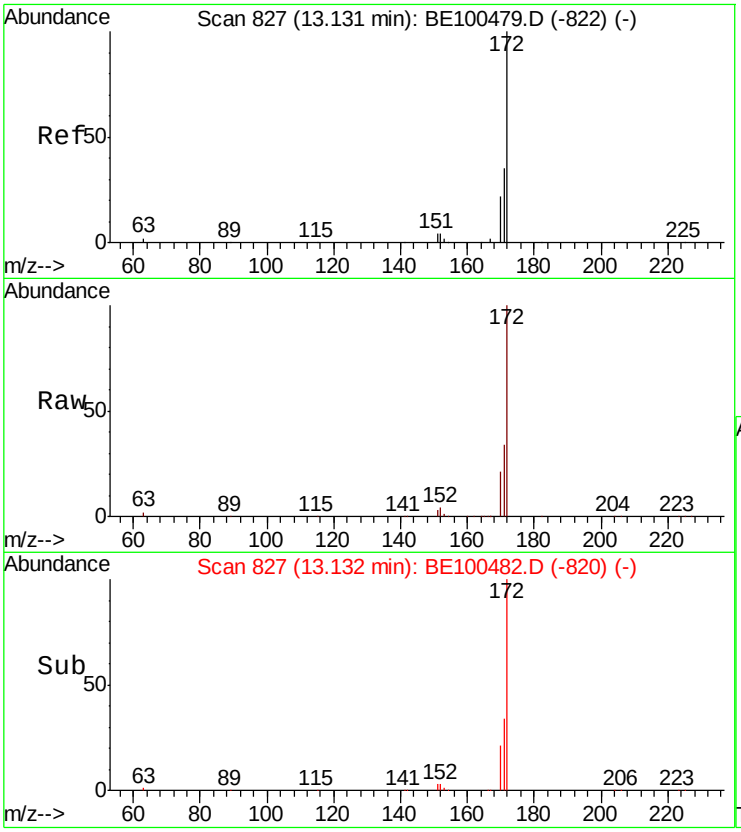


#14
2,4,6-Tribromophenol
Concen: 3.739 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:330 Resp: 14529

Ion	Ratio	Lower	Upper
330	100		
332	96.4	80.5	120.7
141	34.8	29.9	44.9



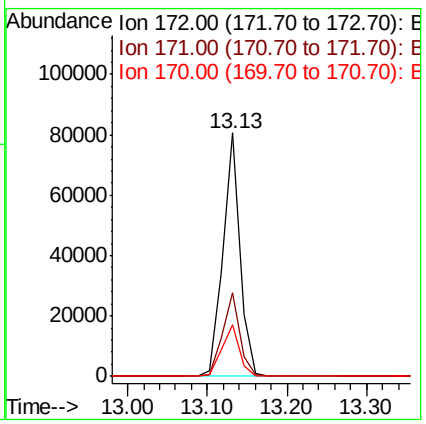


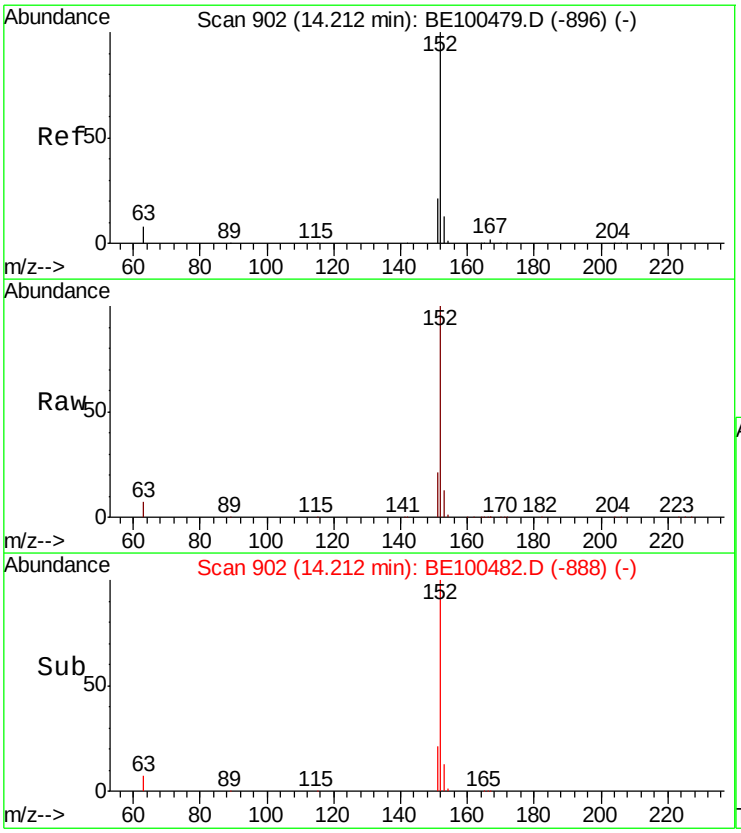
#15
2-Fluorobiphenyl
Concen: 3.133 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 119276

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.2
170	21.1	17.8	26.8

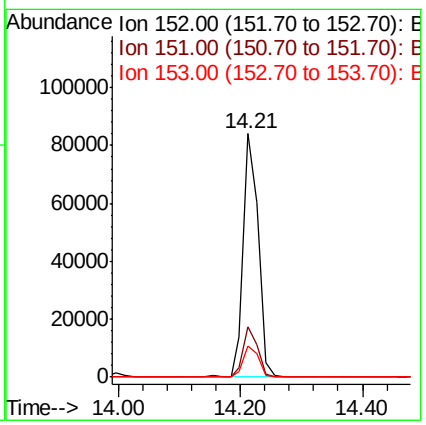


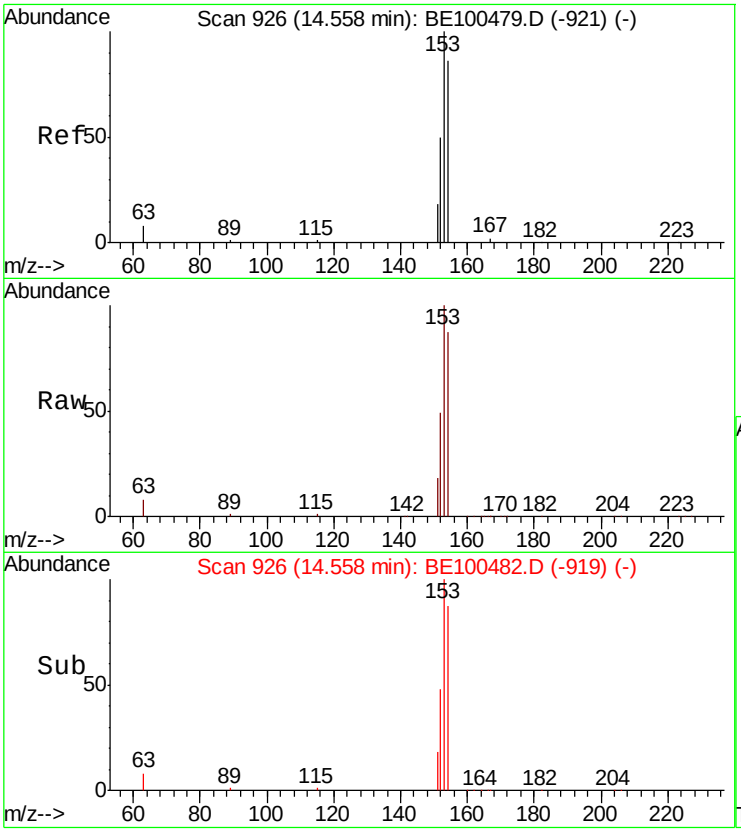


#16
Acenaphthylene
Concen: 3.354 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:152 Resp: 142611

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.1	10.6	16.0



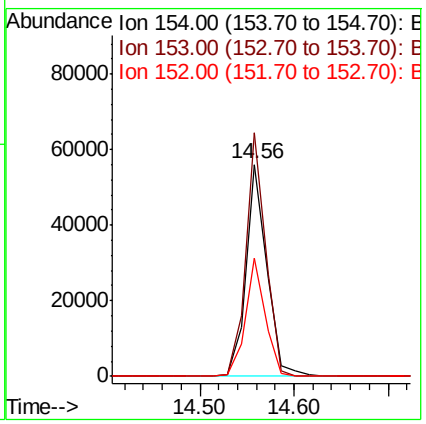


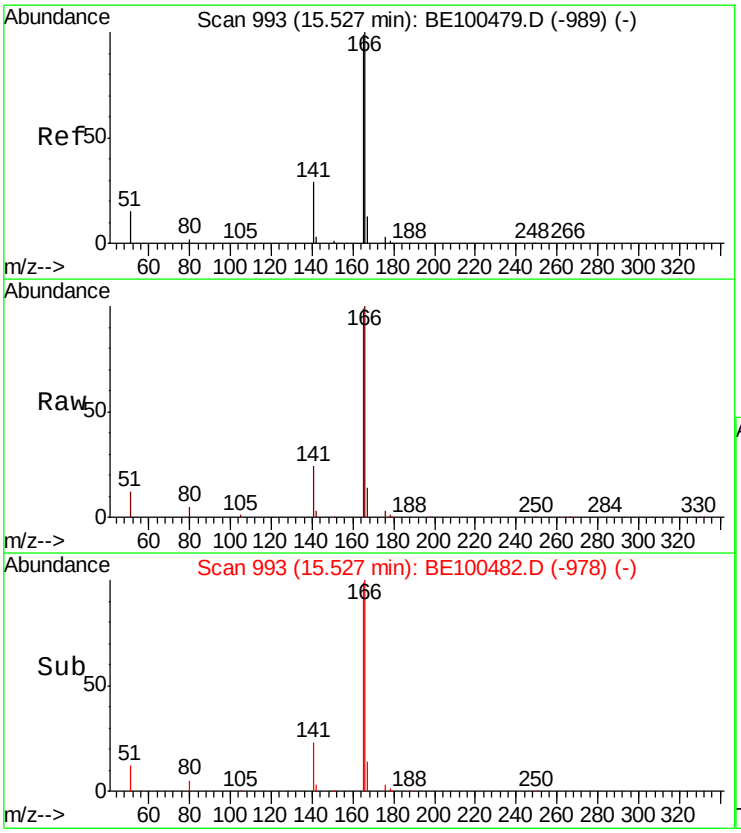
#17
Acenaphthene
Concen: 3.345 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 86506

Ion	Ratio	Lower	Upper
154	100		
153	109.4	90.8	136.2
152	52.7	45.1	67.7

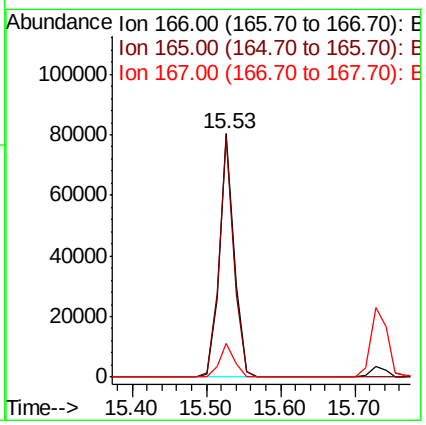


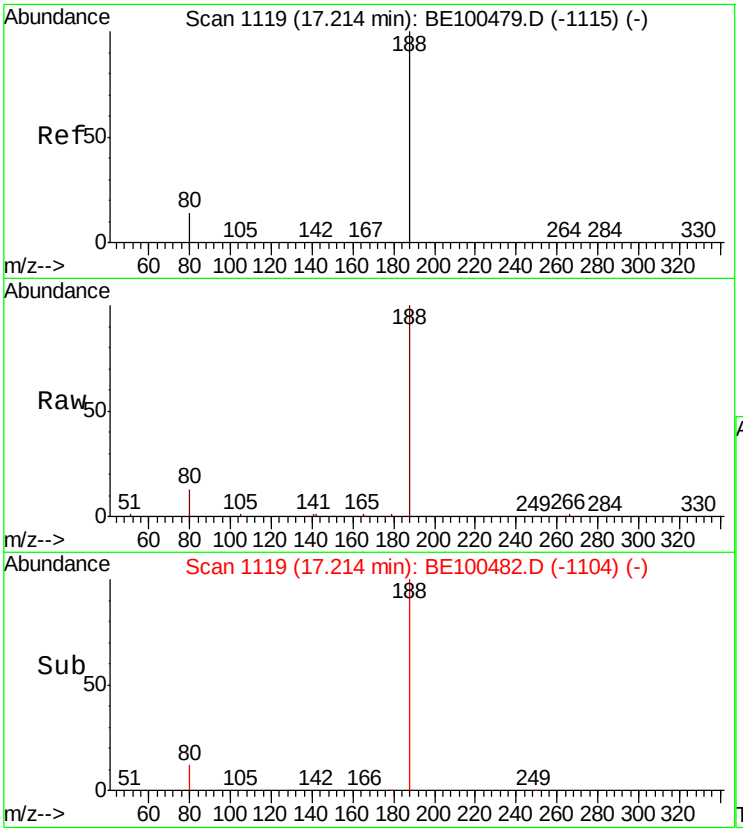


#18
Fluorene
Concen: 3.264 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:166 Resp: 112295

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.3	117.5
167	13.6	10.9	16.3



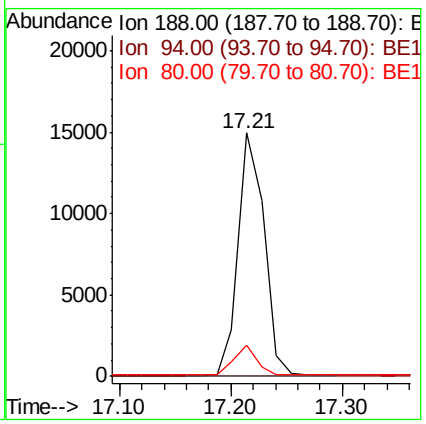


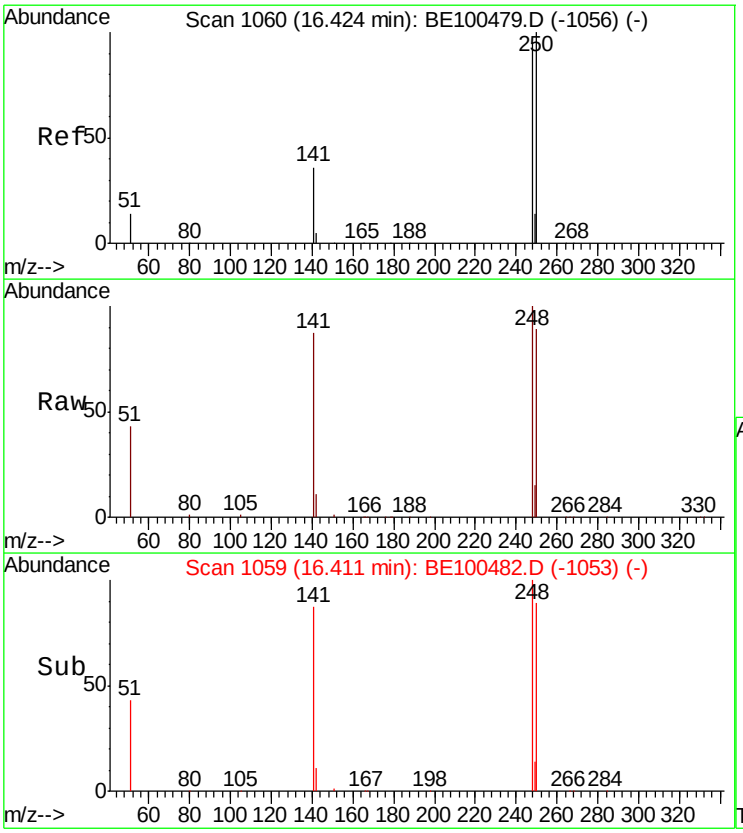
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 24123

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	11.9	17.9

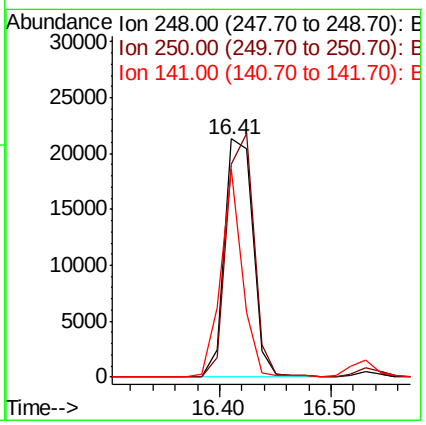


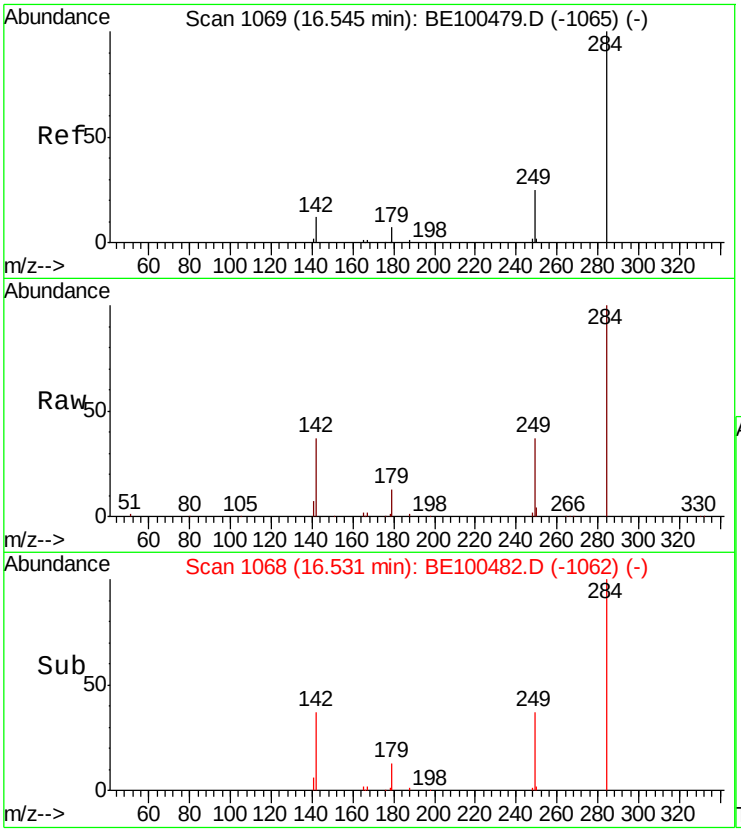


#20
4-Bromophenyl-phenylether
Concen: 3.371 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:248 Resp: 37529

Ion	Ratio	Lower	Upper
248	100		
250	89.3	84.4	126.6
141	87.1	32.2	48.2#



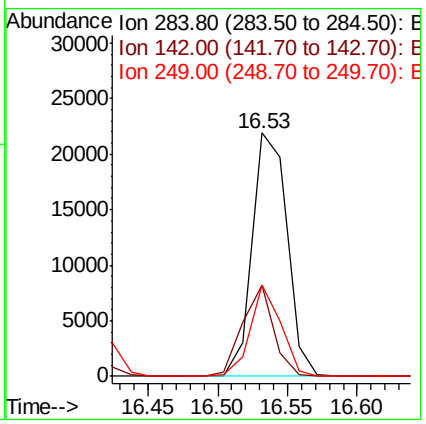


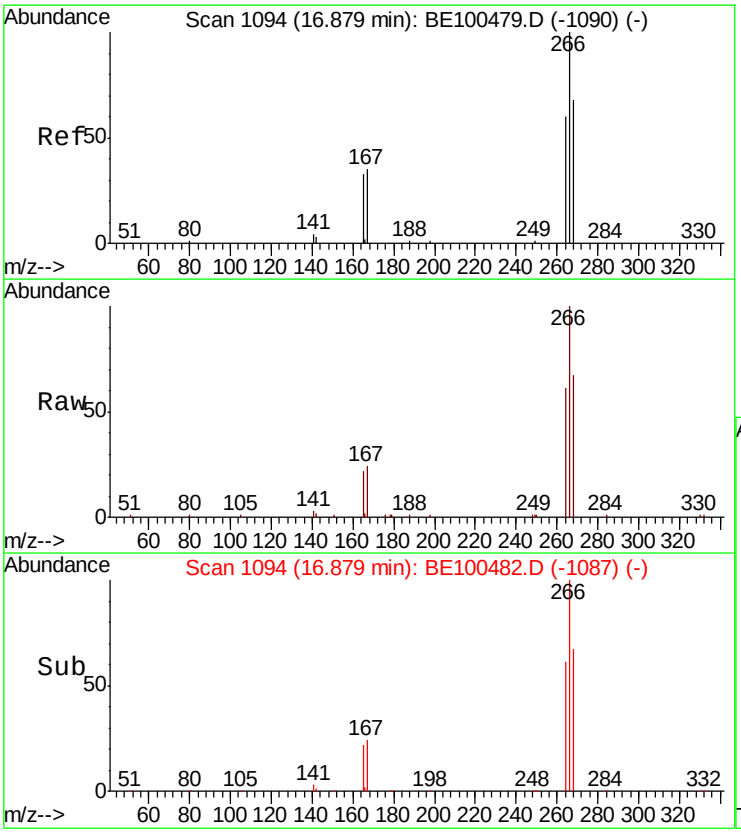
#21
Hexachlorobenzene
Concen: 3.273 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 37986

Ion	Ratio	Lower	Upper
284	100		
142	32.6	26.7	40.1
249	32.3	25.0	37.4

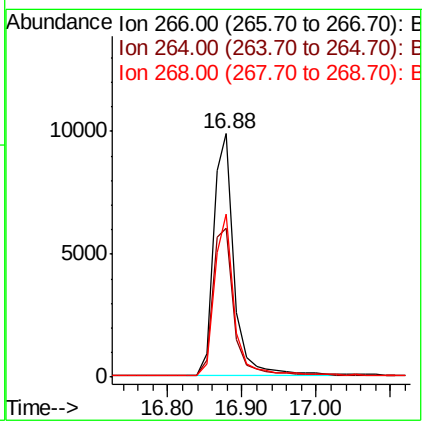


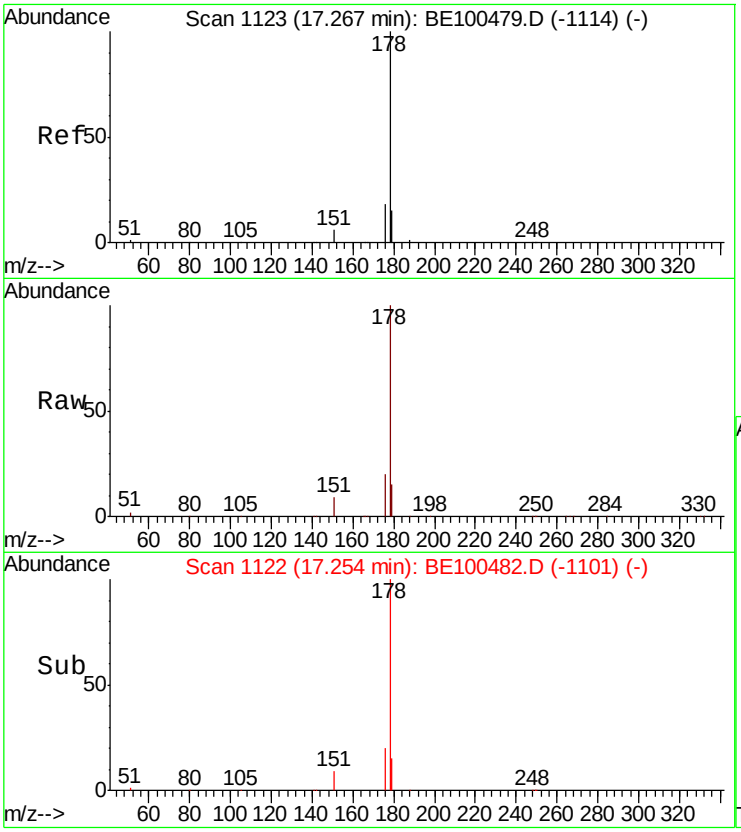


#22
Pentachlorophenol
Concen: 4.103 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:266 Resp: 19277

Ion	Ratio	Lower	Upper
266	100		
264	61.1	50.4	75.6
268	66.7	56.6	85.0



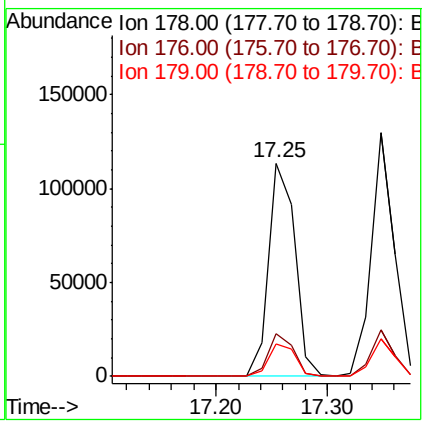


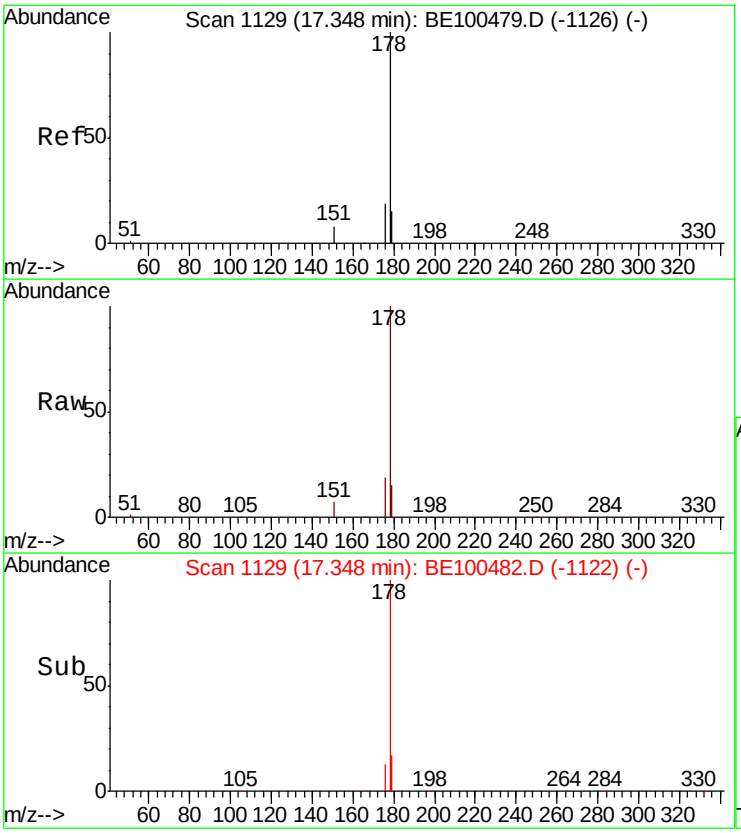
#23
Phenanthrene
Concen: 3.175 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 189451

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.6	18.8

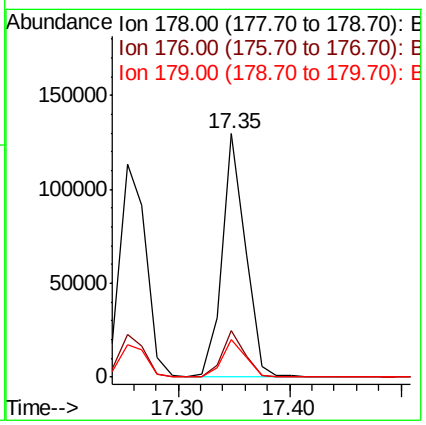


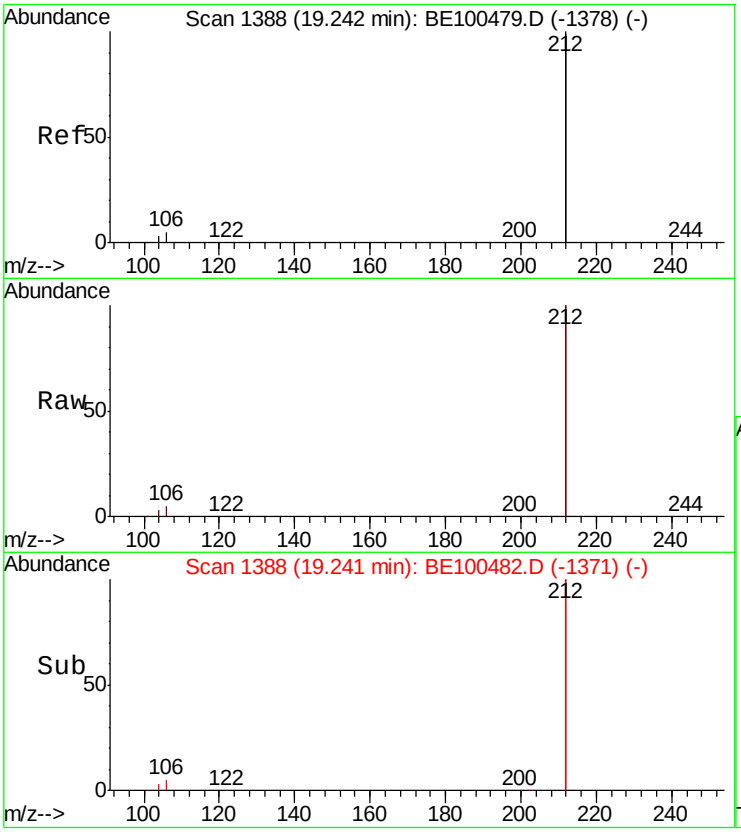


#24
Anthracene
Concen: 3.363 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:178 Resp: 187526

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.2	18.2



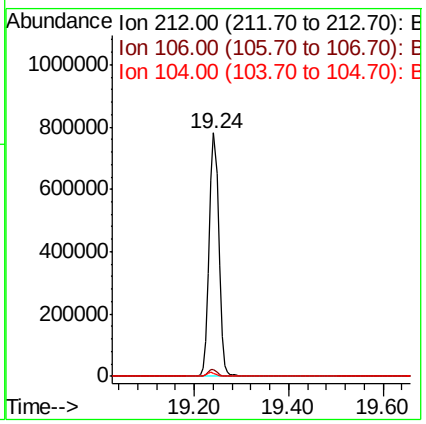


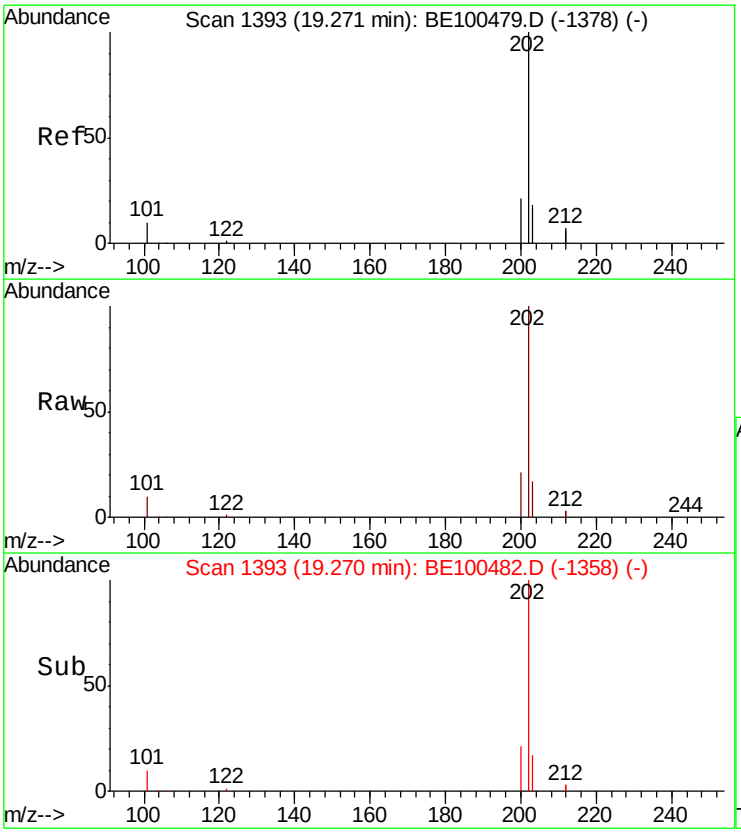
#25
Fluoranthene-d10
Concen: 3.177 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 1073279

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.5	1.2	1.8

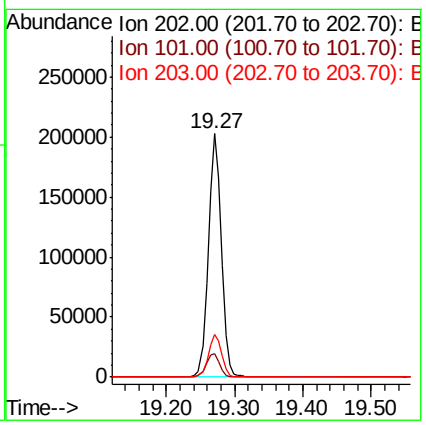


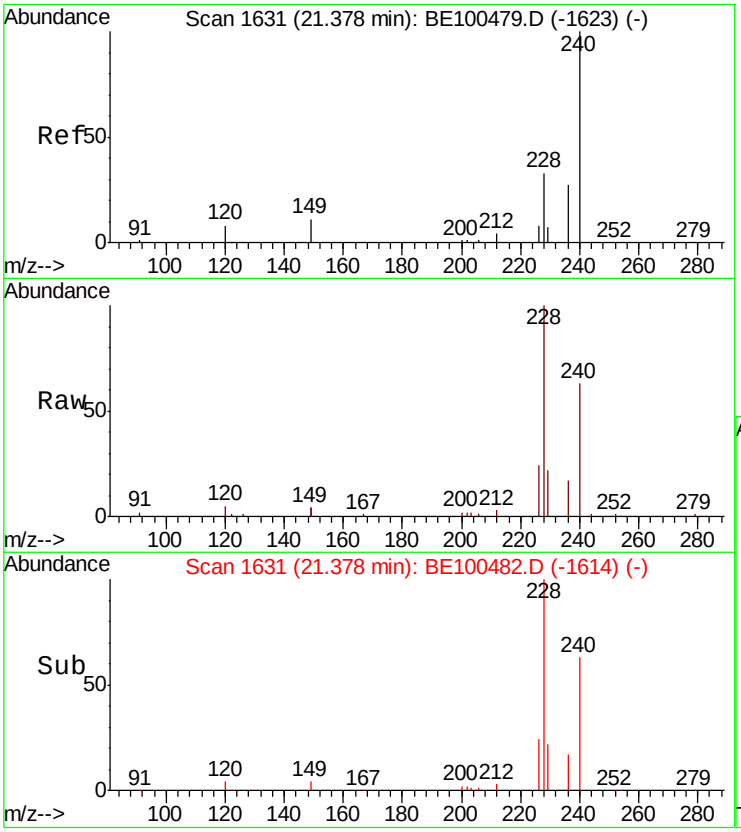


#26
Fluoranthene
Concen: 3.031 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:202 Resp: 268751

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.0	12.0
203	17.6	13.5	20.3



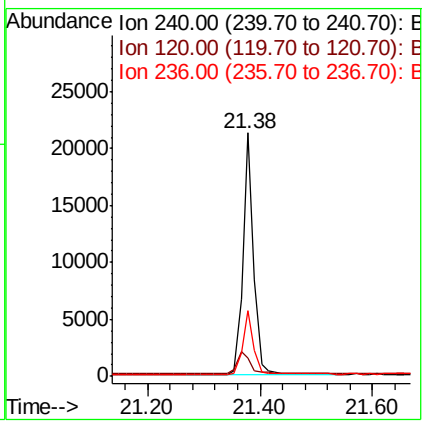


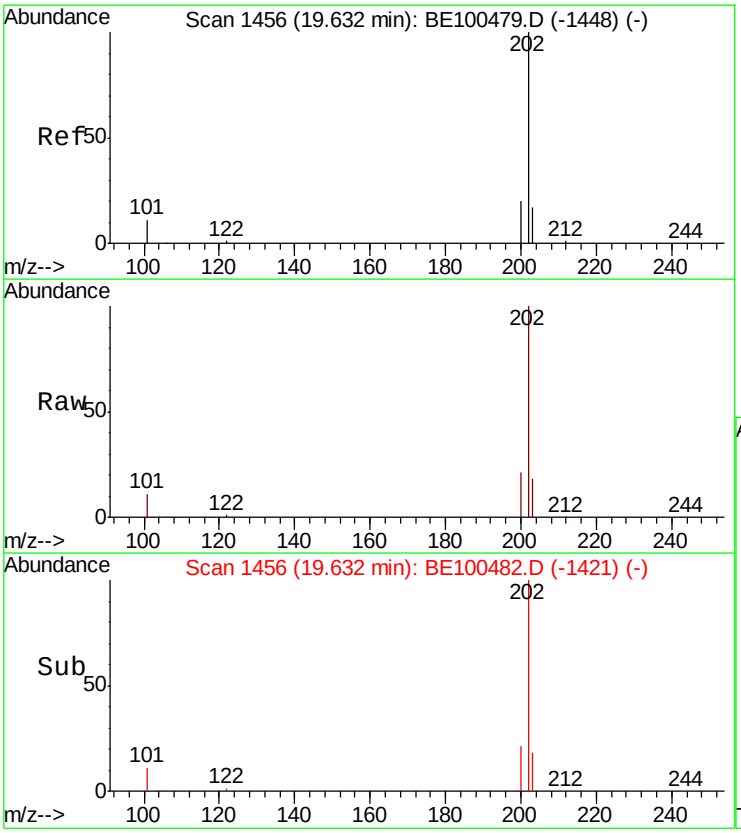
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 28266

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.2	12.2#
236	27.1	22.6	34.0

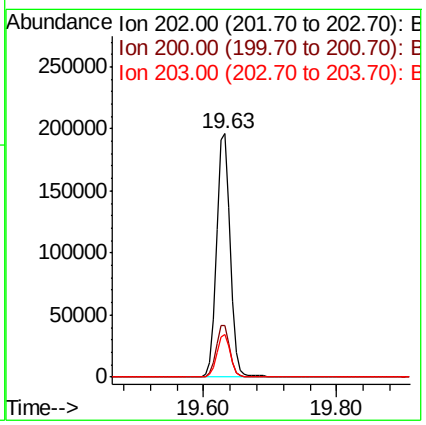


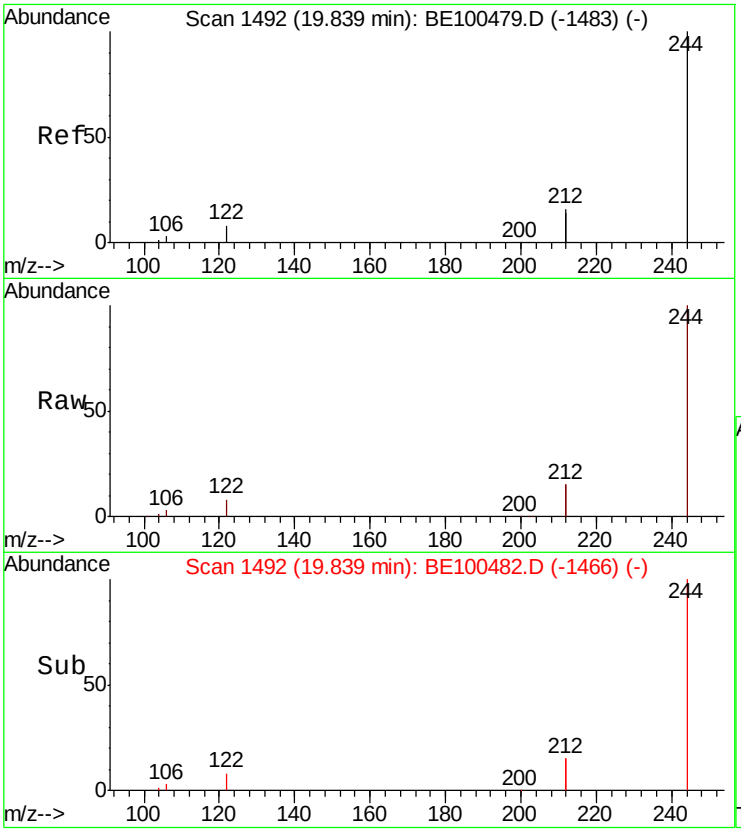


#28
Pyrene
Concen: 3.324 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:202 Resp: 276247

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.6	14.1	21.1



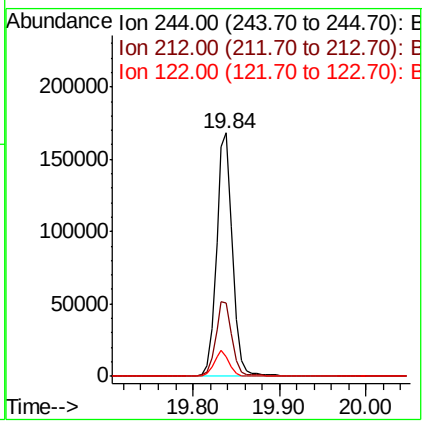


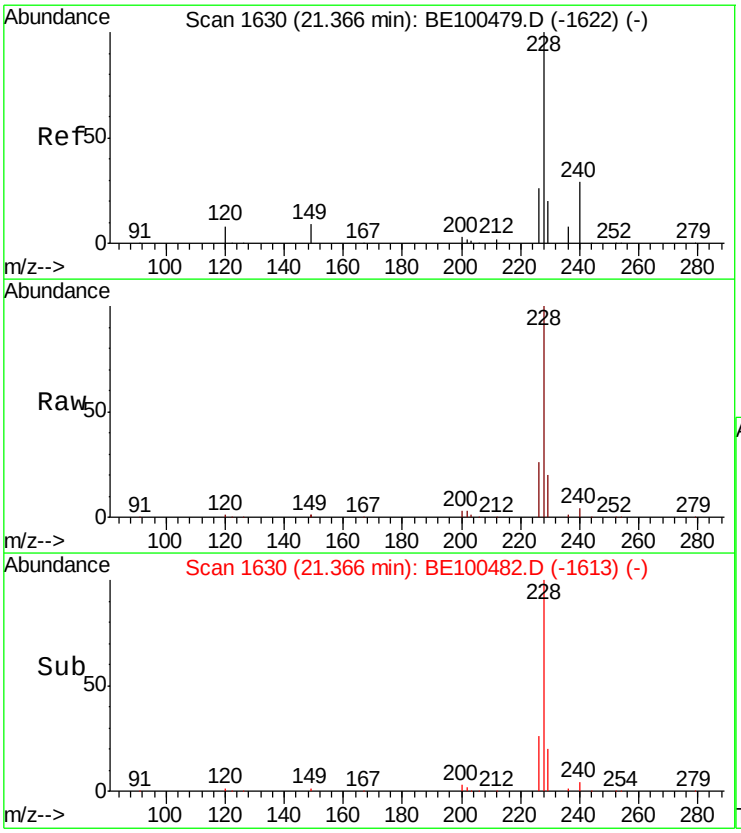
#29
Terphenyl-d14
Concen: 3.337 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 217538

Ion	Ratio	Lower	Upper
244	100		
212	30.4	25.6	38.4
122	8.3	7.2	10.8

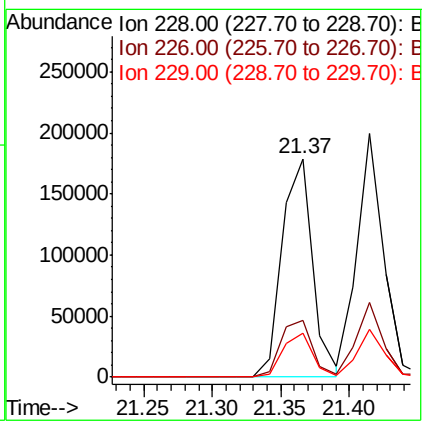


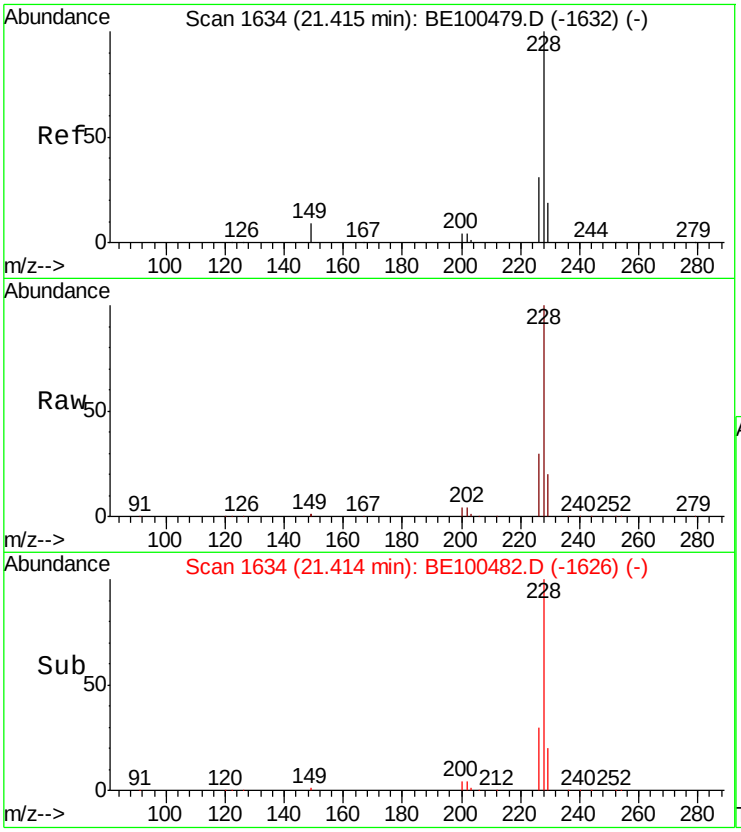


#30
Benzo(a)anthracene
Concen: 3.183 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:228 Resp: 274454

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.4	32.2
229	20.1	17.3	25.9



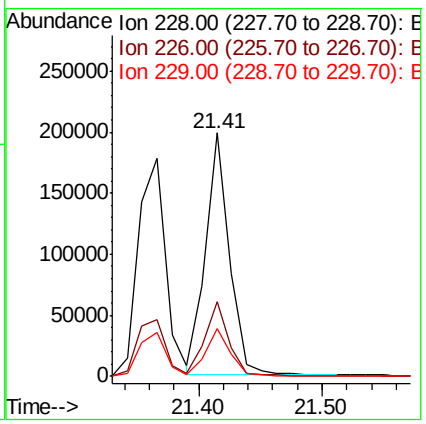


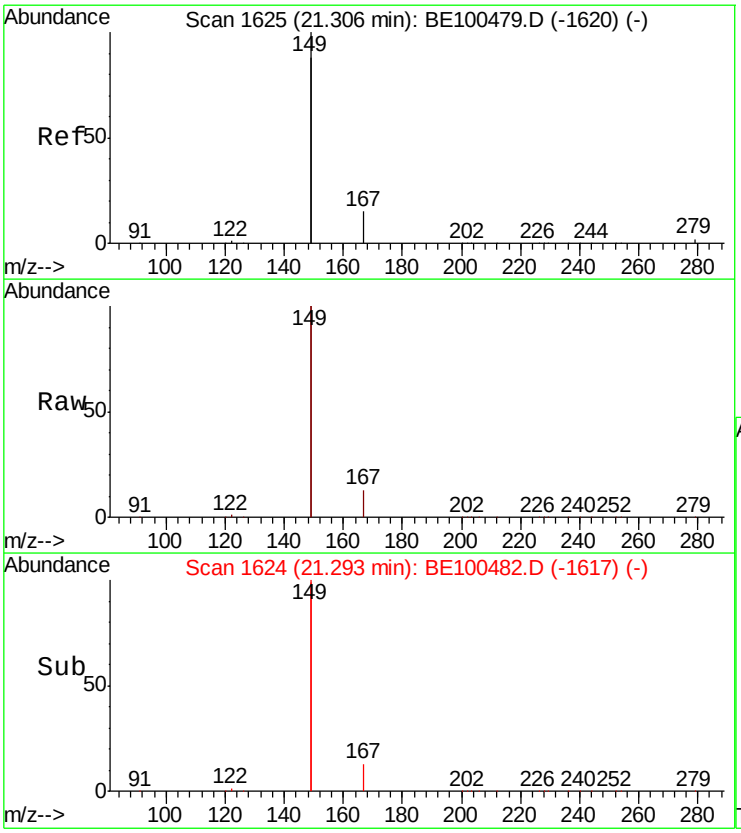
#31
Chrysene
Concen: 3.110 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 267445

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.6	16.7	25.1

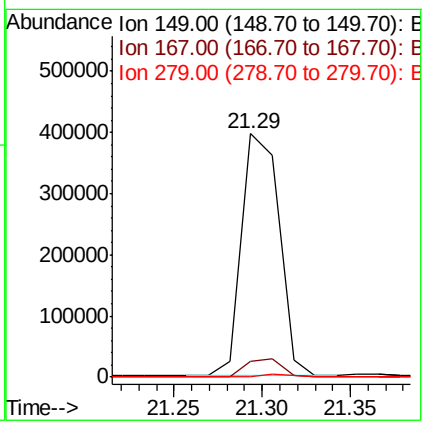


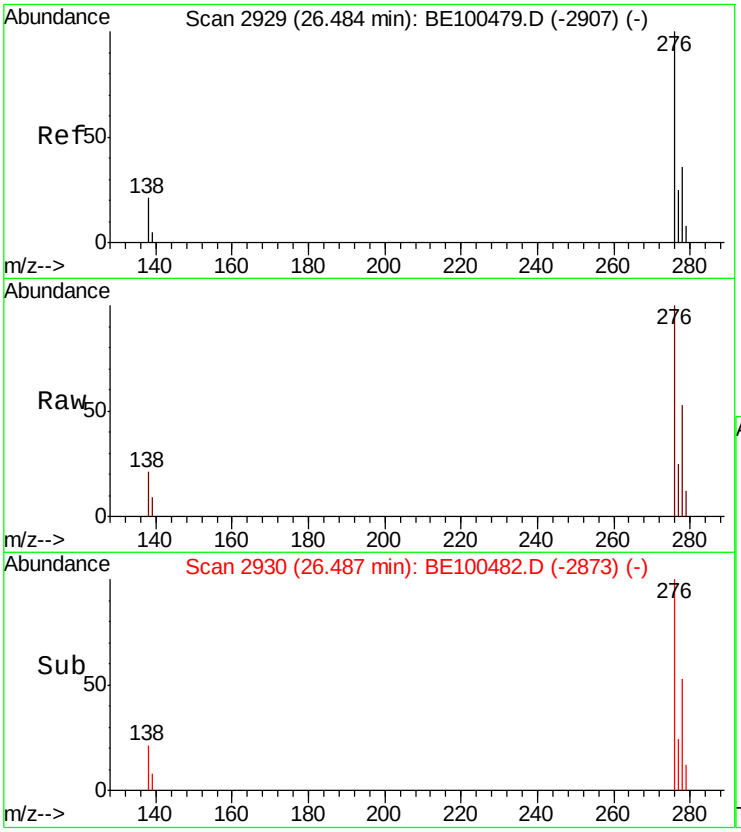


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.059 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:149 Resp: 585322

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



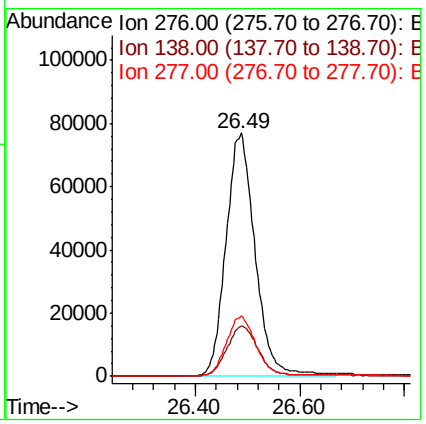


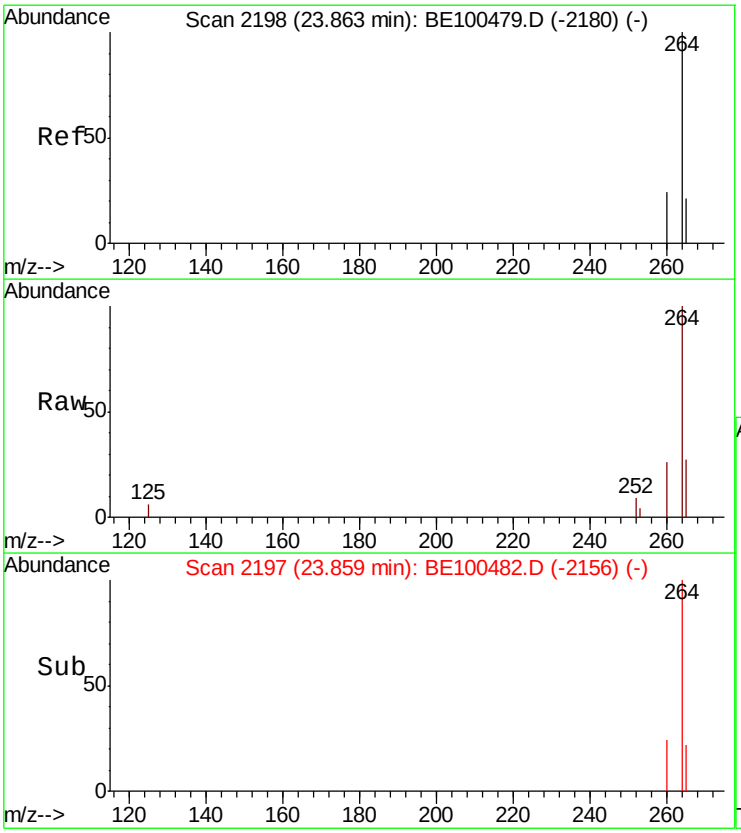
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.177 ng
RT: 26.49 min Scan# 2930
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 295346

Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.6	25.0
277	24.8	19.1	28.7

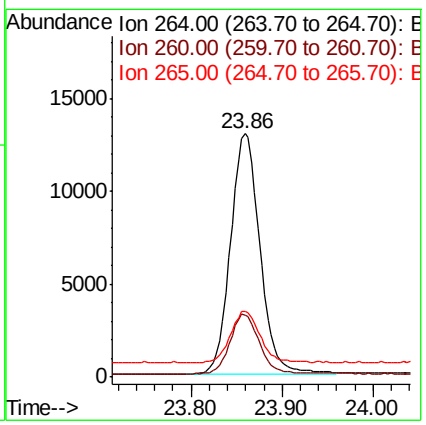


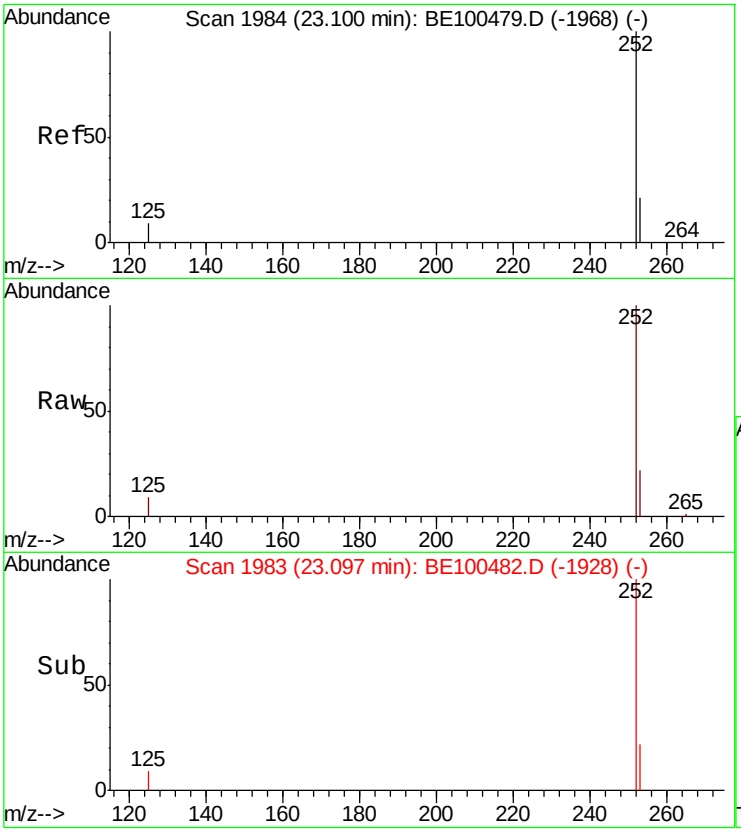


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:264 Resp: 29188

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.7	31.1
265	27.1	23.4	35.2



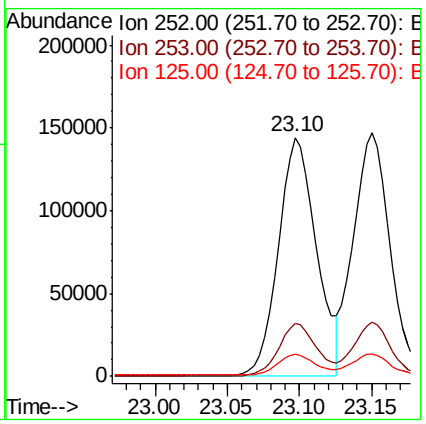


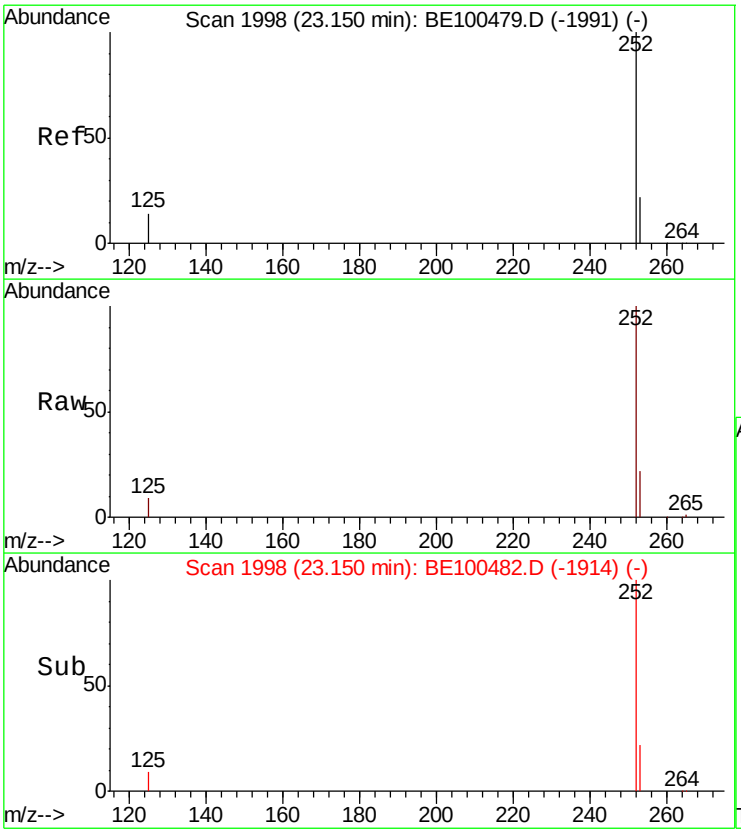
#35
Benzo(b)fluoranthene
Concen: 3.285 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 264904

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.2	28.8
125	9.3	11.9	17.9#

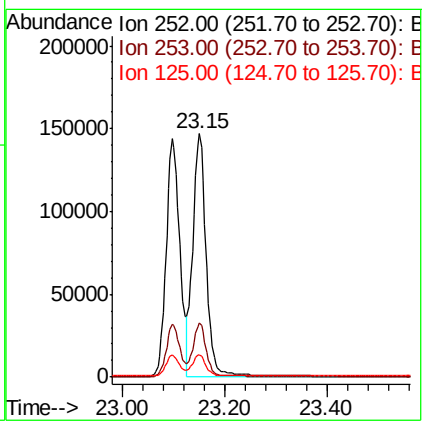


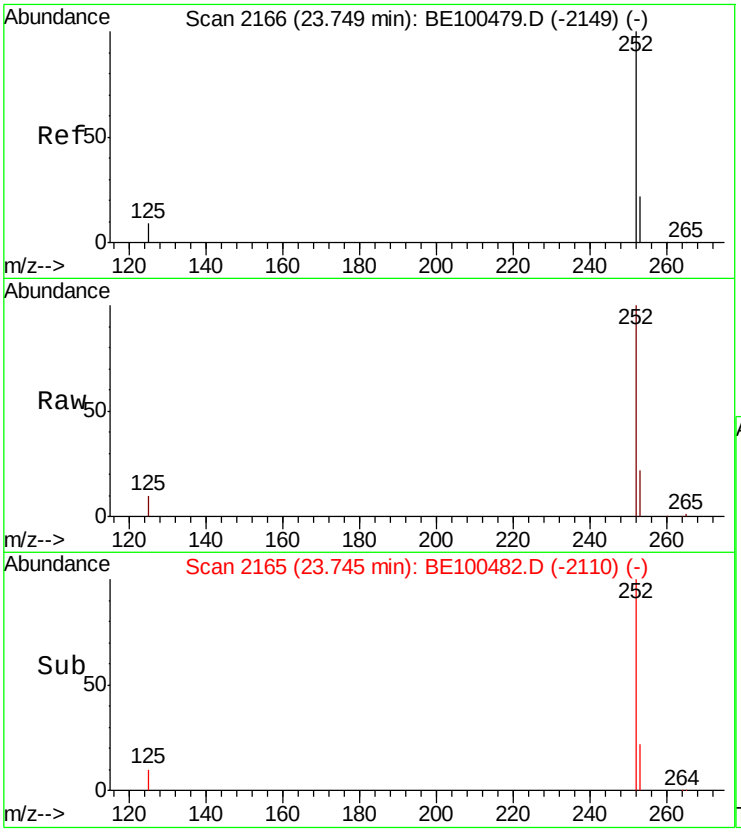


#36
Benzo(k)fluoranthene
Concen: 3.143 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:252 Resp: 269360

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.7	29.5
125	9.3	15.2	22.8#



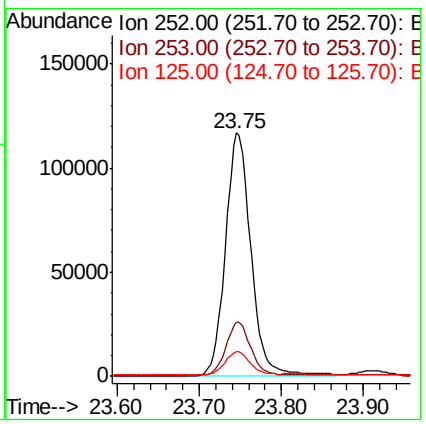


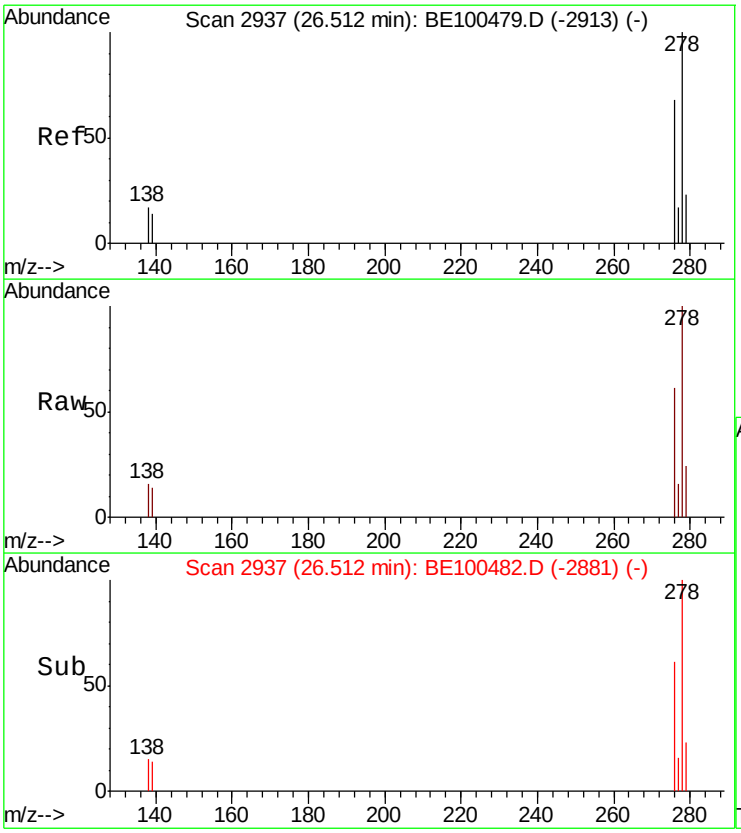
#37
Benzo(a)pyrene
Concen: 3.218 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 250351

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.0	30.0
125	10.3	14.1	21.1#

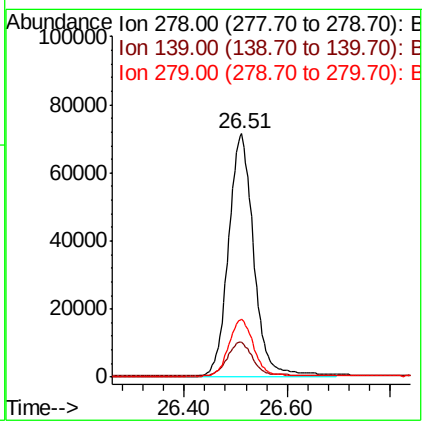


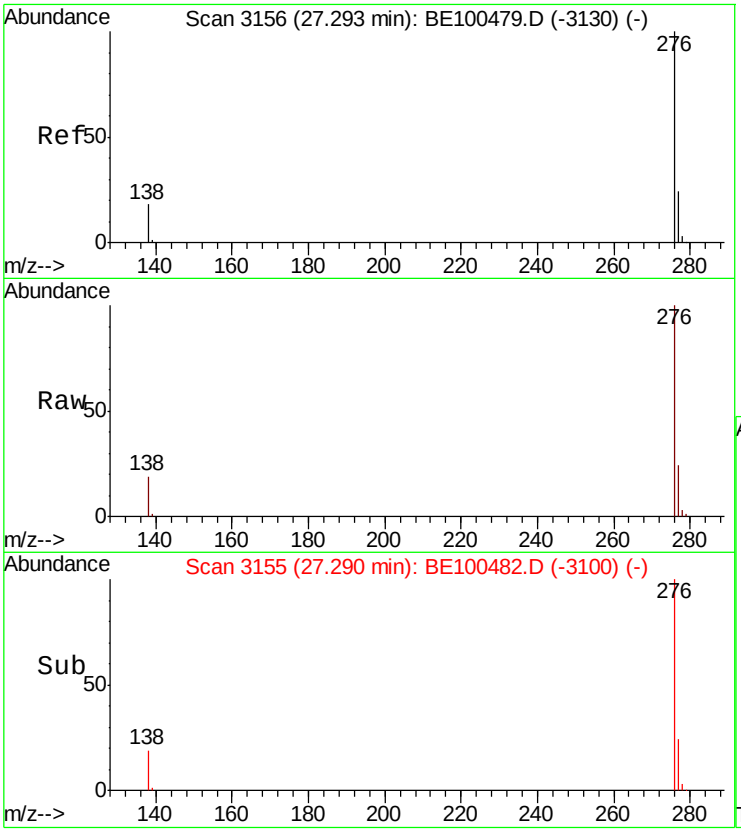


#38
Dibenzo(a,h)anthracene
Concen: 3.316 ng
RT: 26.51 min Scan# 2937
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:278 Resp: 242970

Ion	Ratio	Lower	Upper
278	100		
139	14.3	16.8	25.2#
279	23.8	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 3.198 ng
RT: 27.29 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 241397

Ion	Ratio	Lower	Upper
276	100		
277	24.1	22.0	33.0
138	19.1	17.3	25.9