Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121119\
Data File : BE100864.D
Acq On : 12 Dec 2019 9:10
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 12 10:11:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5161	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	23587	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	13701	0.40	ng		-0.01
19) Phenanthrene-d10	17.12	188	35880	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	28982	0.40	ng		-0.01
34) Perylene-d12	23.74	264	33175	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	5289	0.43	ng		0.00
5) Phenol-d6	6.93	99	8215	0.44	ng		0.00
8) Nitrobenzene-d5	8.90	82	6511	0.58	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	15736	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	1073	0.70	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	22693	0.42	ng		-0.01
25) Fluoranthene-d10	19.15	212	159466	0.38	ng		-0.01
29) Terphenyl-d14	19.75	244	32075	0.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	4465	0.475	ng		100
3) n-Nitrosodimethylamine	3.64	42	3652	0.477	ng	#	93
6) bis(2-Chloroethyl)ether	7.18	93	8340	0.467	ng		99
9) Naphthalene	10.59	128	114974	0.459	ng		100
10) Hexachlorobutadiene	10.89	225	4450	0.455	ng		98
12) 2-Methylnaphthalene	12.21	142	18127	0.463	ng		96
16) Acenaphthylene	14.11	152	24926	0.440	ng		100
17) Acenaphthene	14.46	154	17626	0.451	ng		100
18) Fluorene	15.42	166	23755	0.472	ng		97
20) 4-Bromophenyl-phenylether	16.32	248	7130	0.405	ng	#	75
21) Hexachlorobenzene	16.44	284	7922	0.414	ng		98
22) Pentachlorophenol	16.77	266	1015	0.767	ng	#	81
23) Phenanthrene	17.16	178	46576	0.429	ng		100
24) Anthracene	17.25	178	39508	0.435	ng		98
26) Fluoranthene	19.18	202	49757	0.384	ng		99
28) Pyrene	19.54	202	48045	0.510	ng		100
30) Benzo(a)anthracene	21.28	228	39728	0.465	ng		99
31) Chrysene	21.33	228	47406	0.472	ng		99
32) Bis(2-ethylhexyl)phthalate	21.23	149	43209	0.703	ng		100
33) Indeno(1,2,3-cd)pyrene	26.31	276	40648	0.465	ng		99
35) Benzo(b)fluoranthene	23.00	252	37934	0.418	ng		99
36) Benzo(k)fluoranthene	23.04	252	45551	0.447	ng		99
37) Benzo(a)pyrene	23.63	252	32394	0.412	ng		98
38) Dibenzo(a,h)anthracene	26.34	278	33322	0.426	ng		99
39) Benzo(g,h,i)perylene	27.10	276	35754	0.427	ng		98

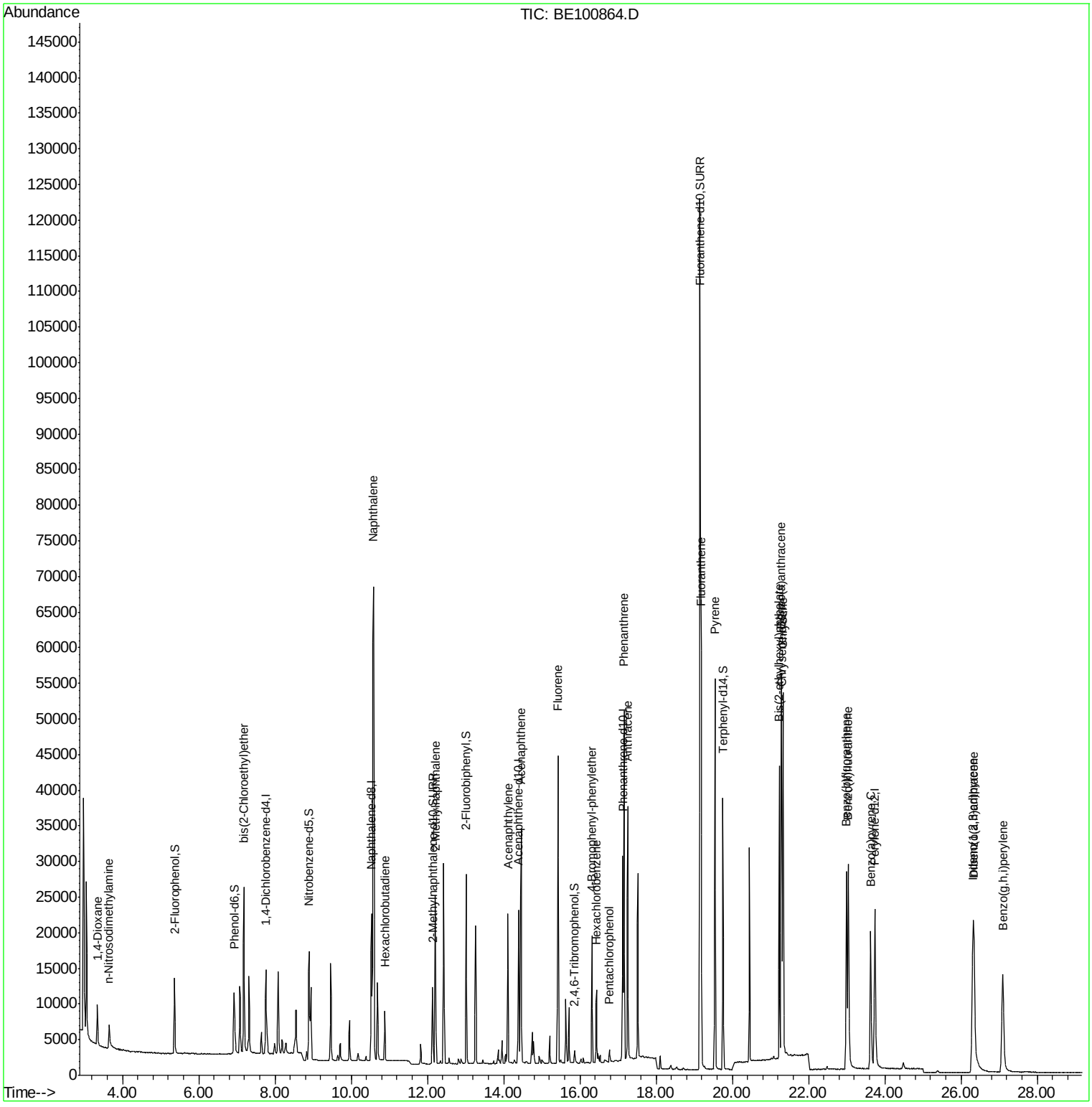
(#) = qualifier out of range (m) = manual integration (+) = signals summed

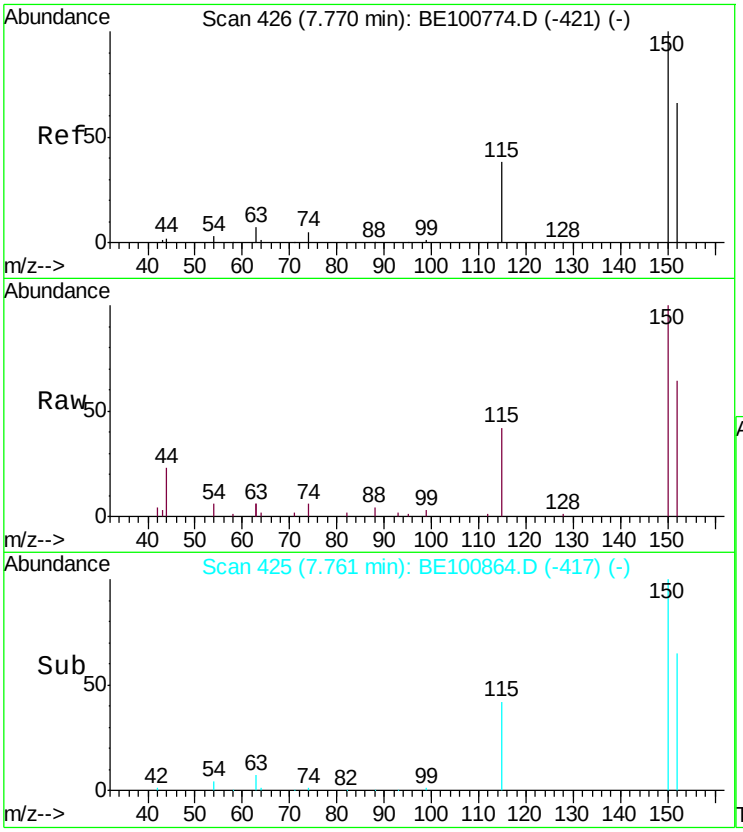
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121119\
Data File : BE100864.D
Acq On : 12 Dec 2019 9:10
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 12 10:11:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



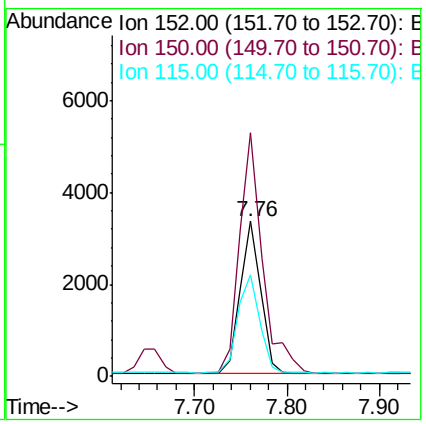


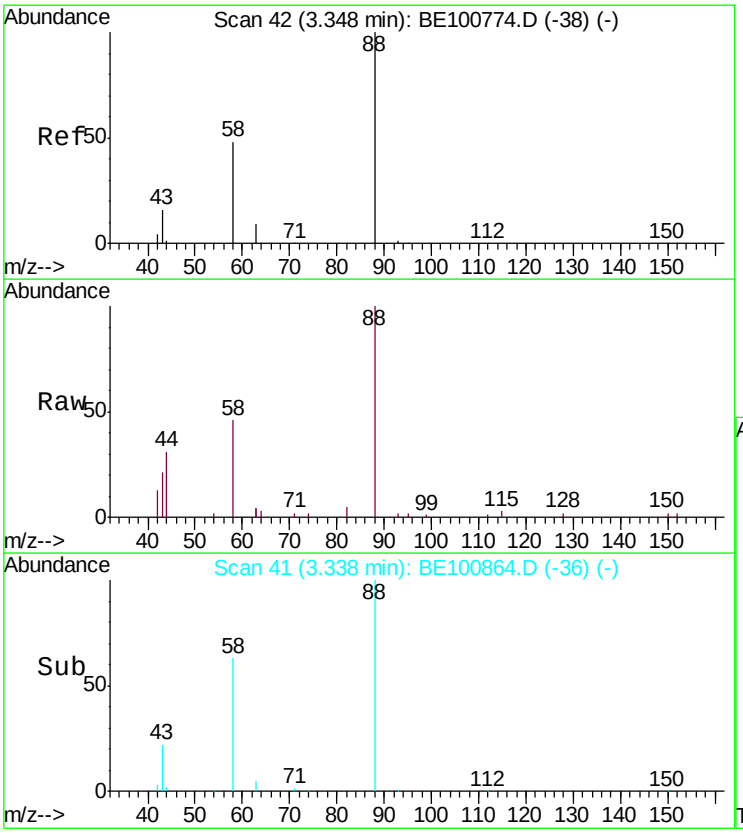
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5161

Ion	Ratio	Lower	Upper
152	100		
150	157.1	120.6	181.0
115	65.6	47.4	71.2

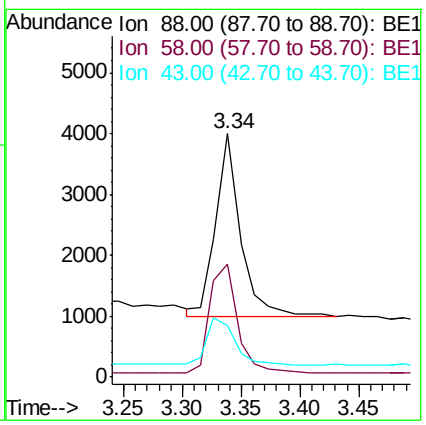


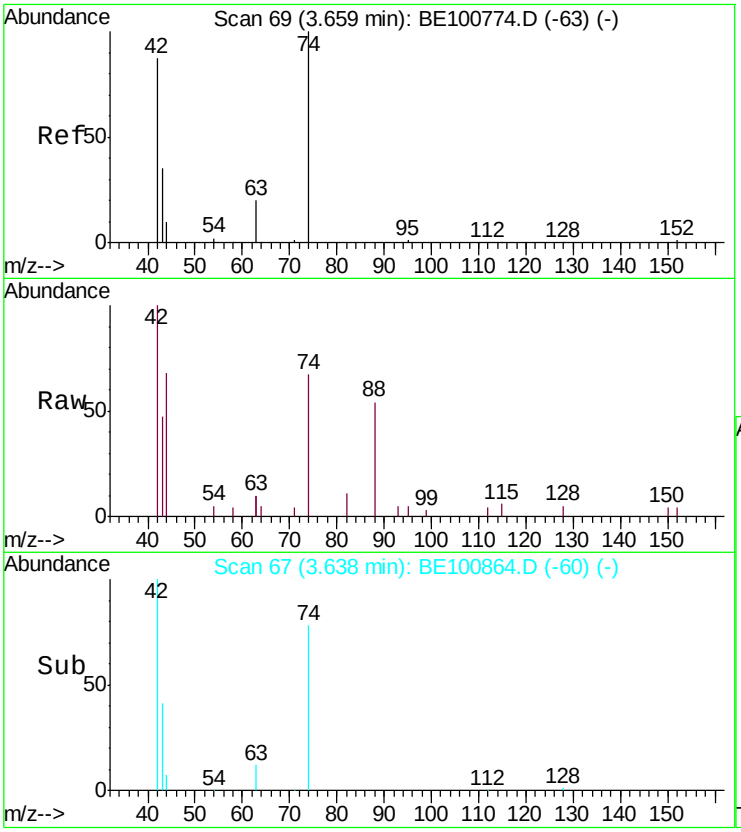


#2
1,4-Dioxane
Concen: 0.475 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion: 88 Resp: 4465

Ion	Ratio	Lower	Upper
88	100		
58	65.4	52.5	78.7
43	29.1	23.0	34.6



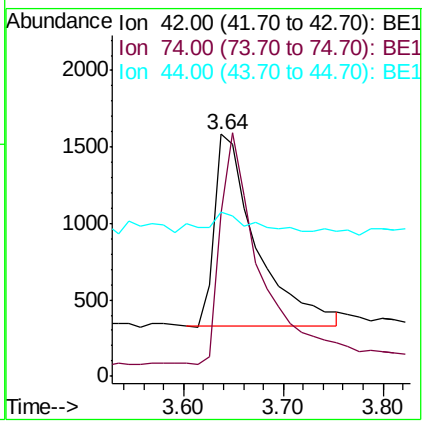


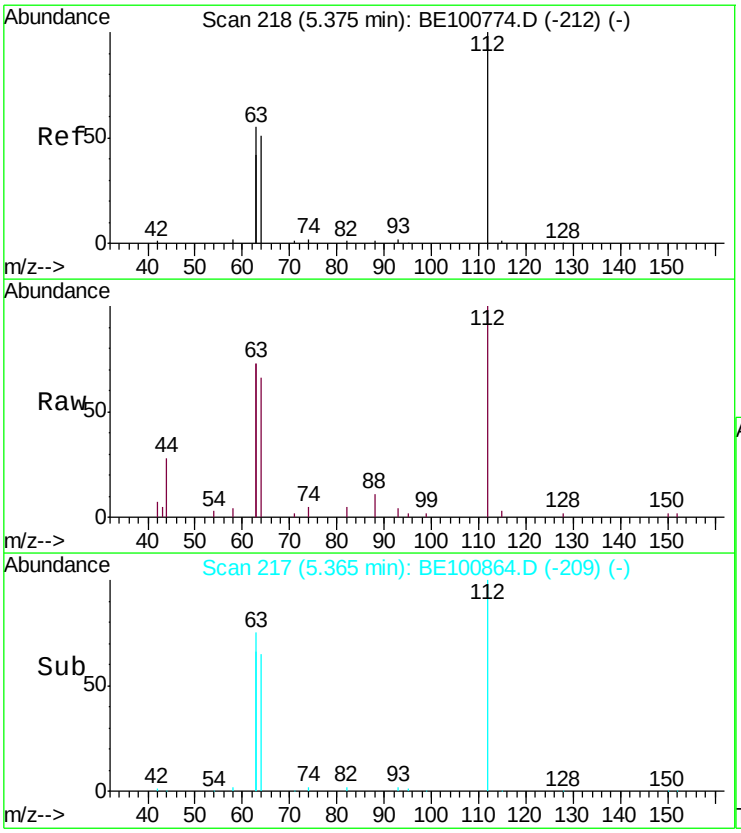
#3
n-Nitrosodimethylamine
Concen: 0.477 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.02 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 3652

Ion	Ratio	Lower	Upper
42	100		
74	115.2	86.3	129.5
44	11.1	11.6	17.4#

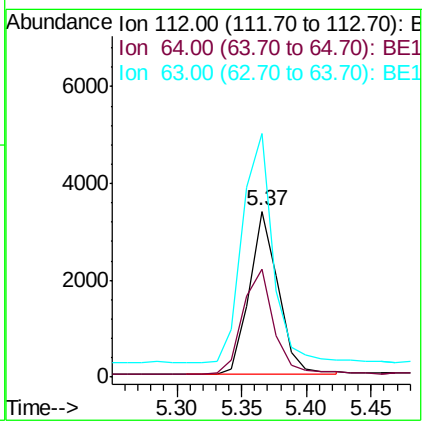


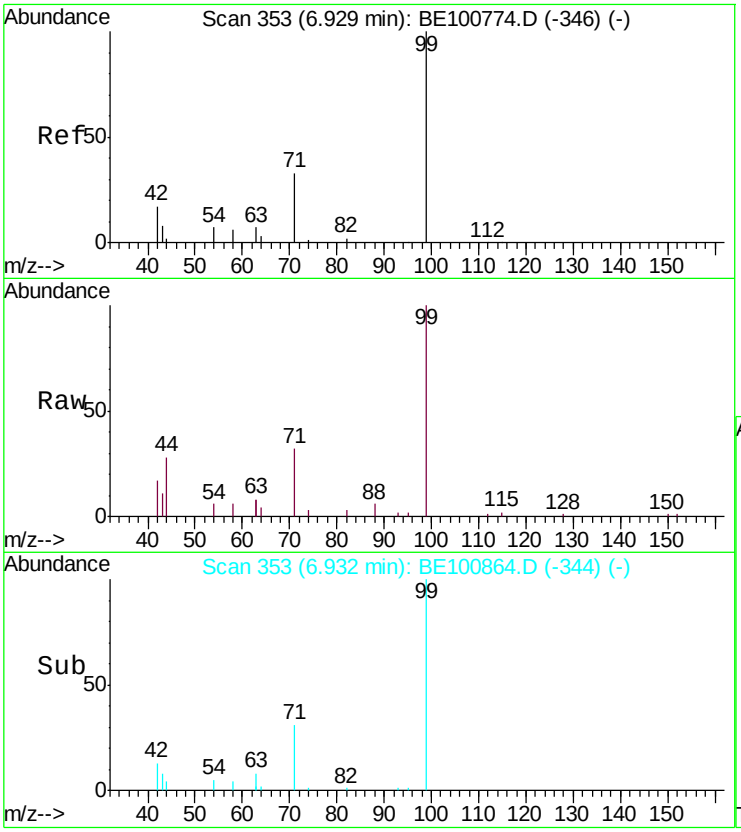


#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:112 Resp: 5289

Ion	Ratio	Lower	Upper
112	100		
64	68.0	54.1	81.1
63	146.6	113.2	169.8



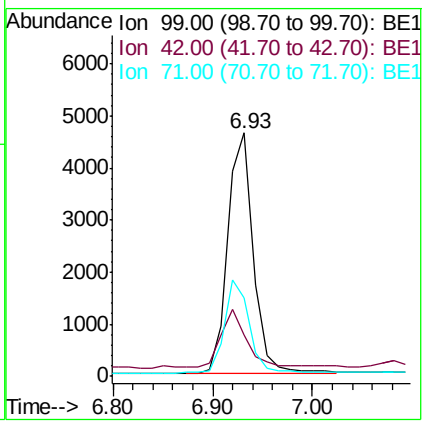


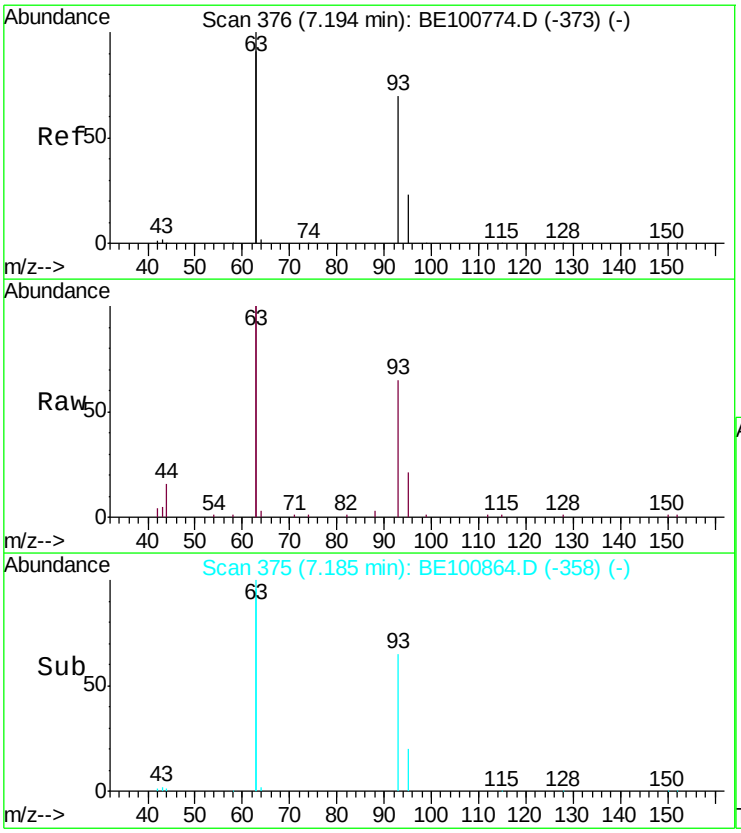
#5
Phenol-d6
Concen: 0.444 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 8215

Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.1	28.7
71	38.3	27.7	41.5

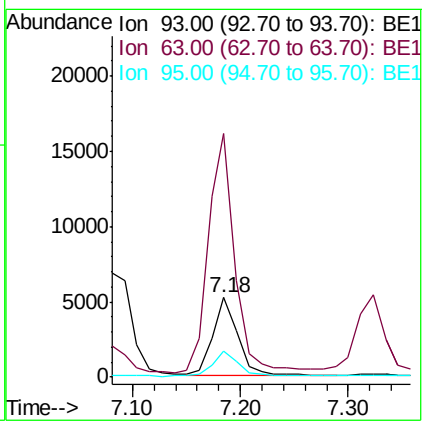


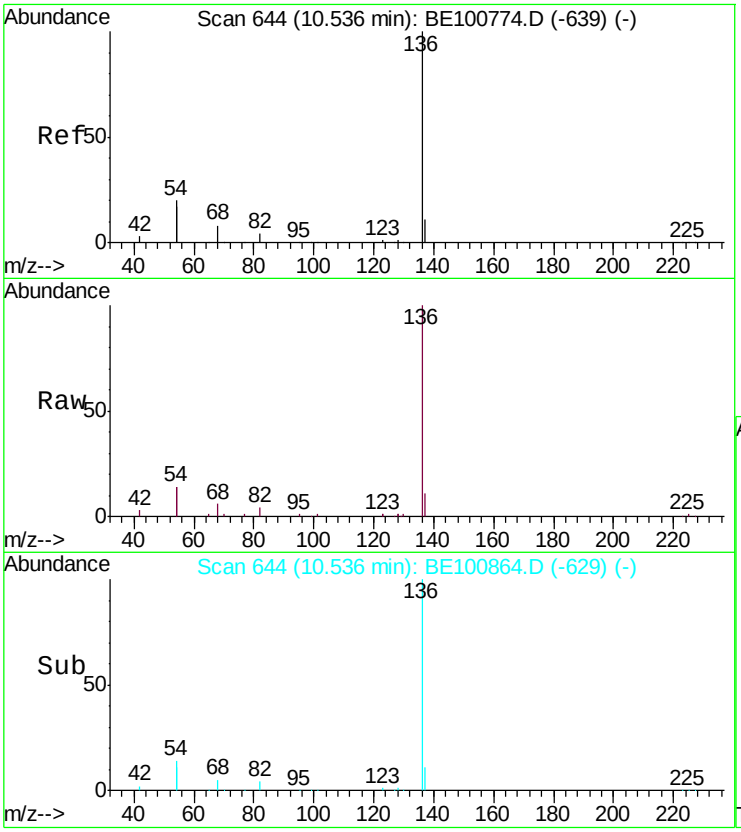


#6
bis(2-Chloroethyl)ether
Concen: 0.467 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion: 93 Resp: 8340

Ion	Ratio	Lower	Upper
93	100		
63	321.4	259.4	389.0
95	32.3	26.2	39.2



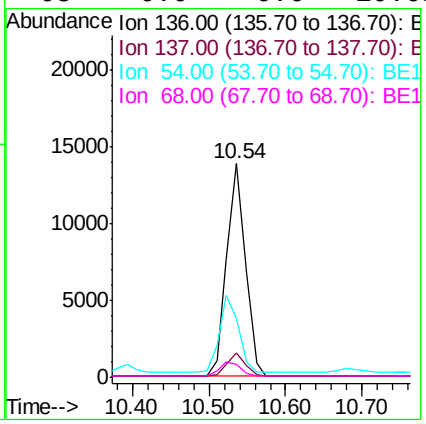


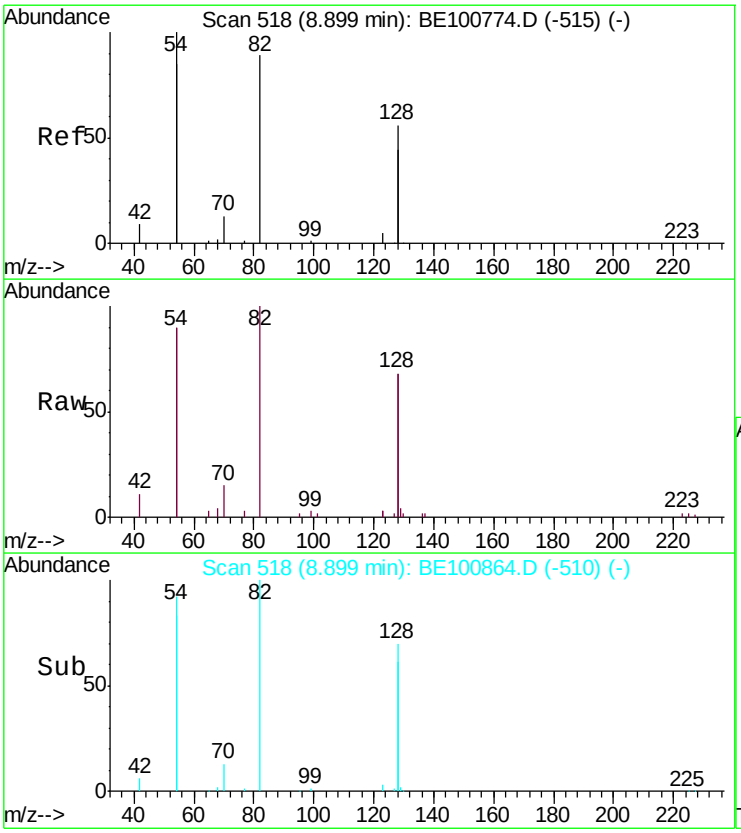
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 23587

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	27.3	31.1	46.7#
68	6.0	6.6	10.0#

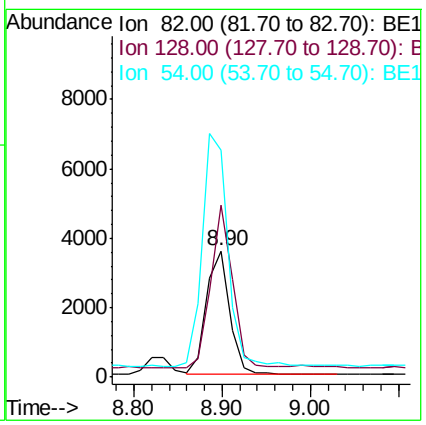


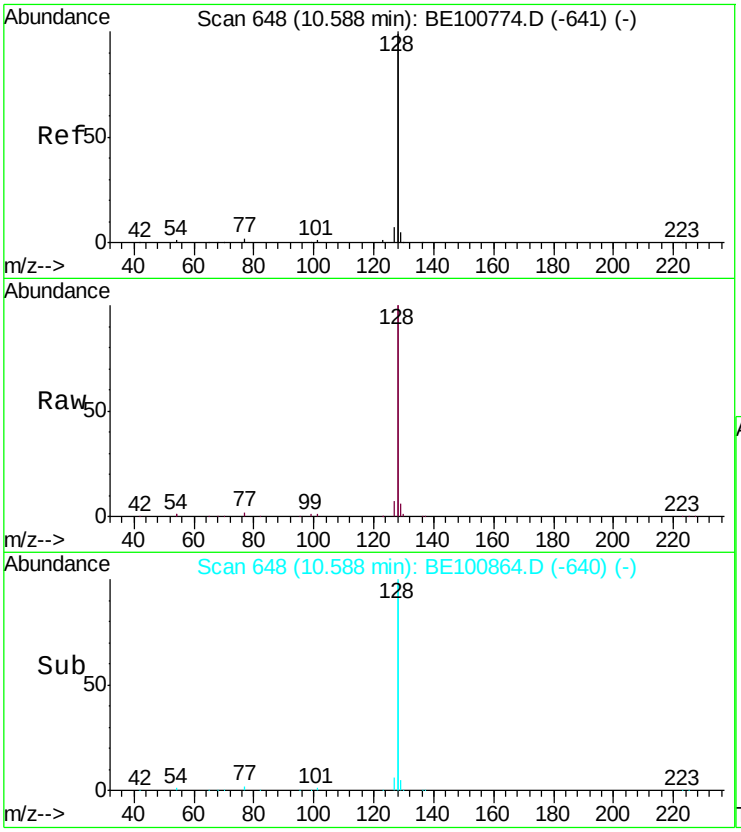


#8
Nitrobenzene-d5
Concen: 0.580 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion: 82 Resp: 6511

Ion	Ratio	Lower	Upper
82	100		
128	135.6	97.0	145.4
54	179.6	171.8	257.6



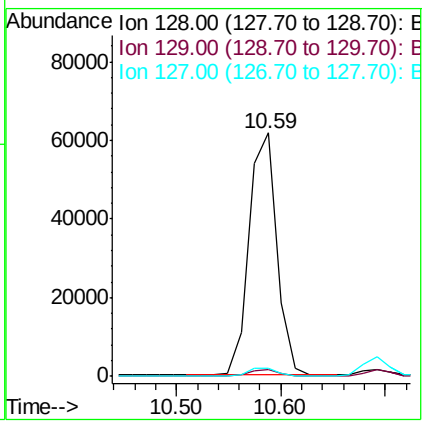


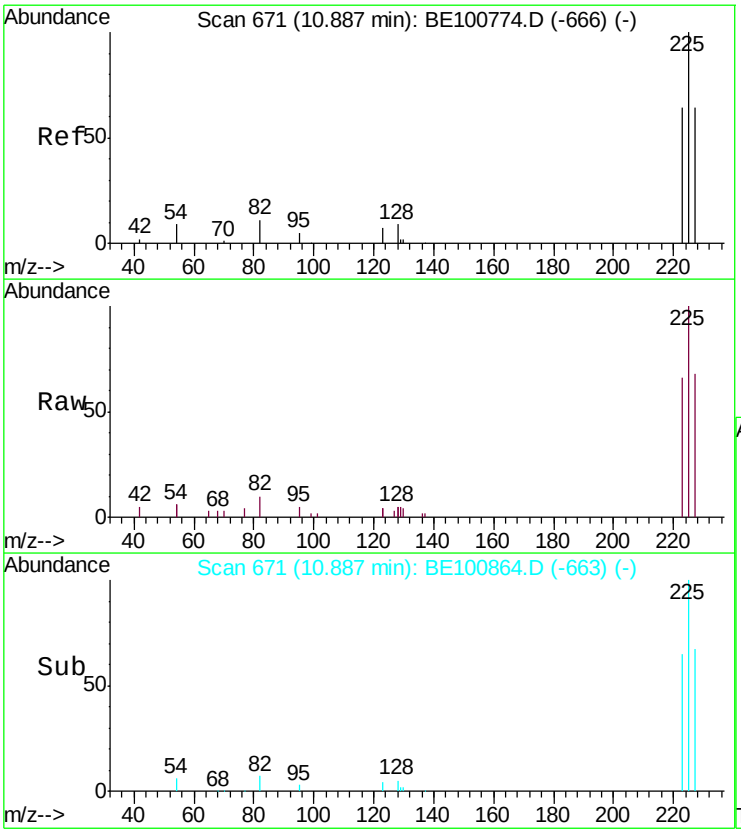
#9
Naphthalene
Concen: 0.459 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 114974

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.3	2.7	4.1

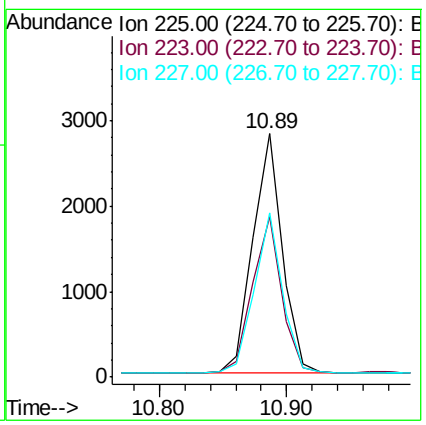


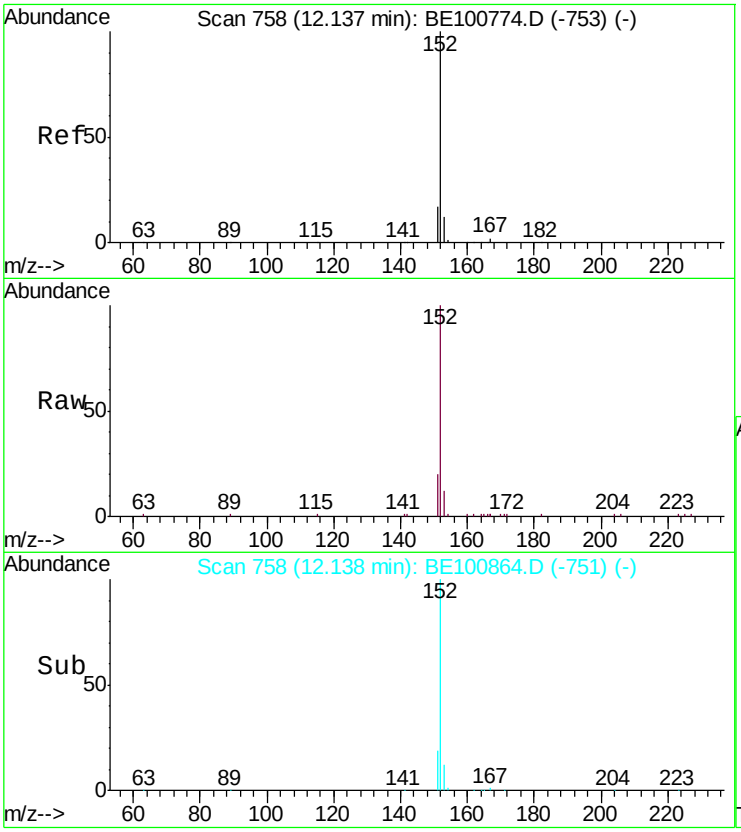


#10
Hexachlorobutadiene
Concen: 0.455 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:225 Resp: 4450

Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.9	74.9
227	64.6	52.2	78.4



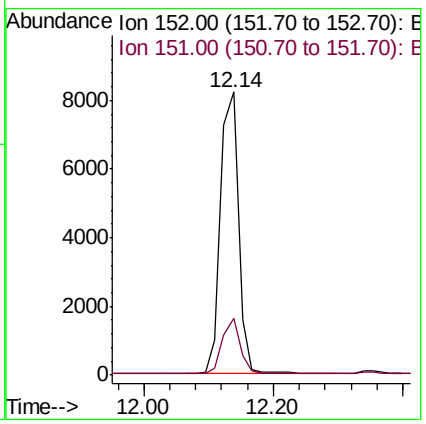


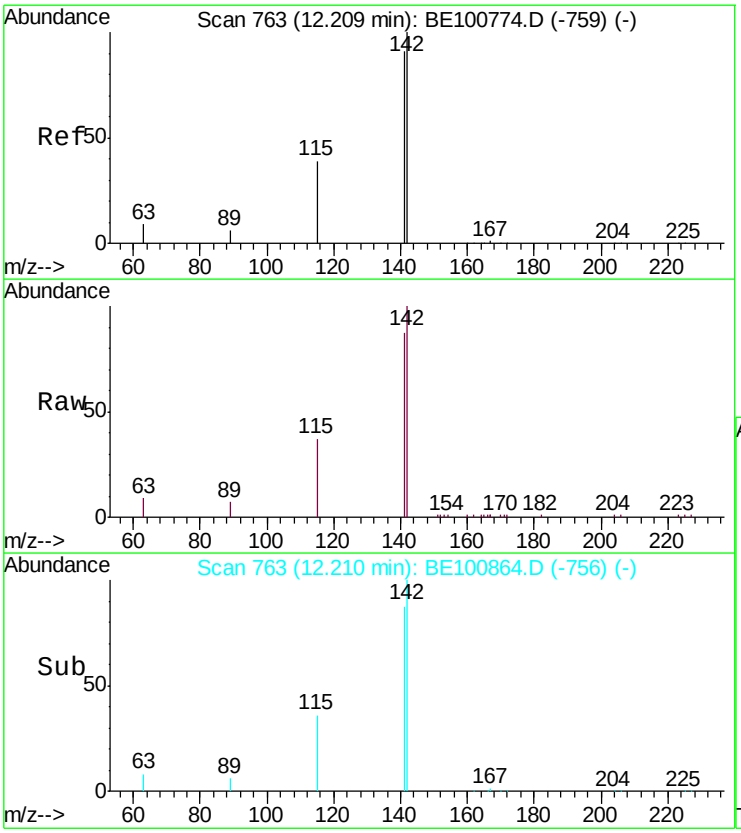
#11
2-Methylnaphthalene-d10
Concen: 0.460 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 15736

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8

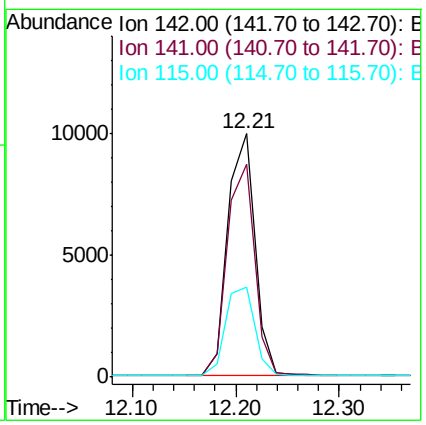


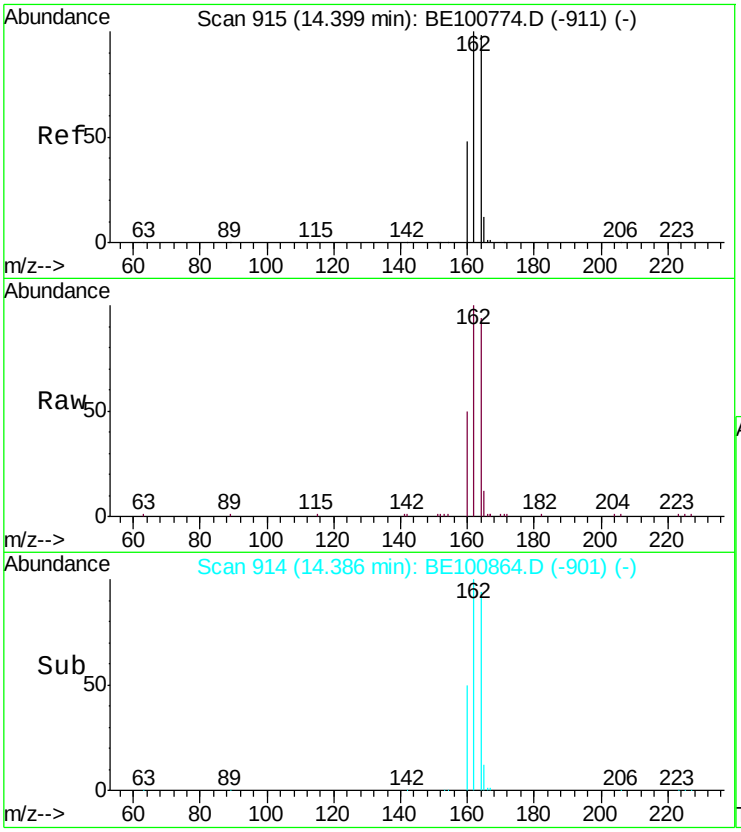


#12
2-Methylnaphthalene
Concen: 0.463 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:142 Resp: 18127

Ion	Ratio	Lower	Upper
142	100		
141	87.2	72.6	108.8
115	37.0	31.8	47.6



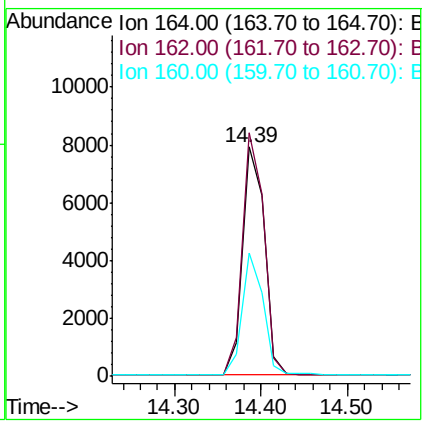


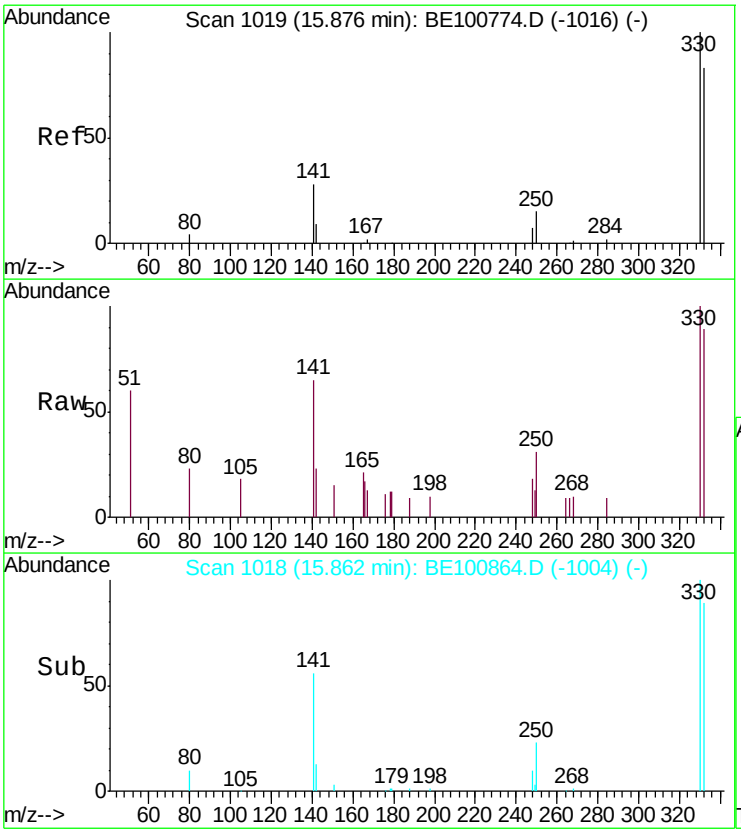
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 13701

Ion	Ratio	Lower	Upper
164	100		
162	106.2	81.4	122.0
160	53.6	39.4	59.0

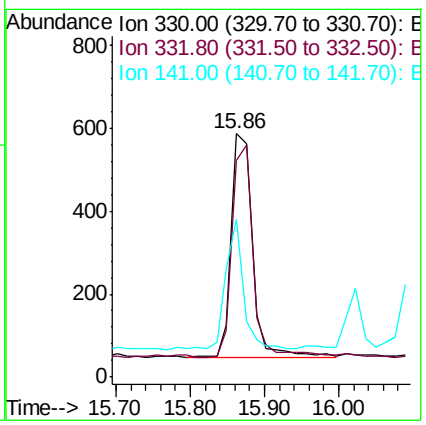


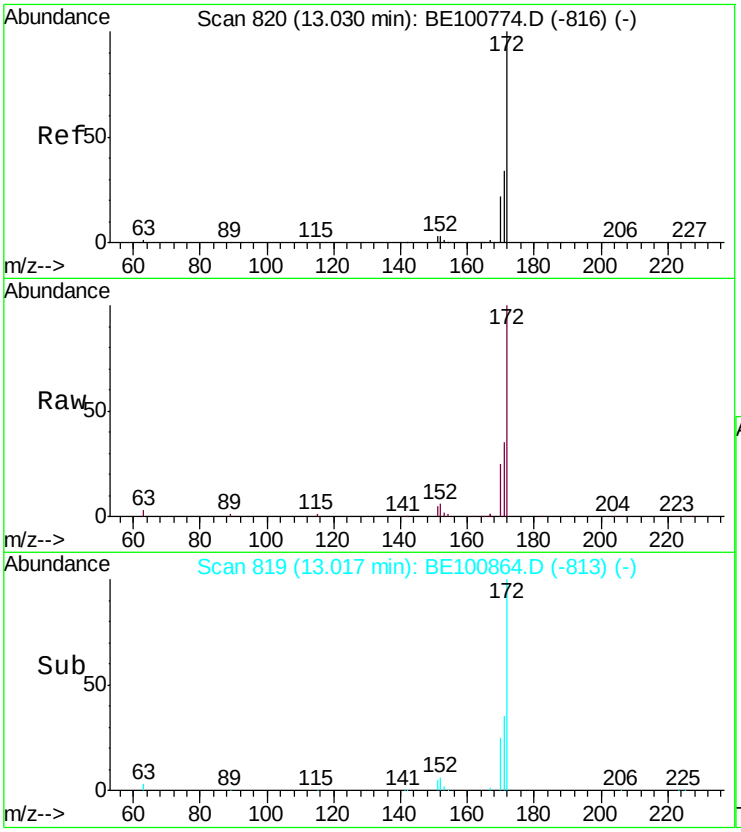


#14
2,4,6-Tribromophenol
Concen: 0.704 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:330 Resp: 1073

Ion	Ratio	Lower	Upper
330	100		
332	93.8	69.4	104.2
141	49.5	51.1	76.7#



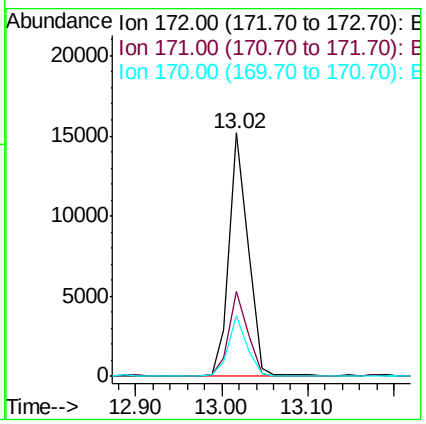


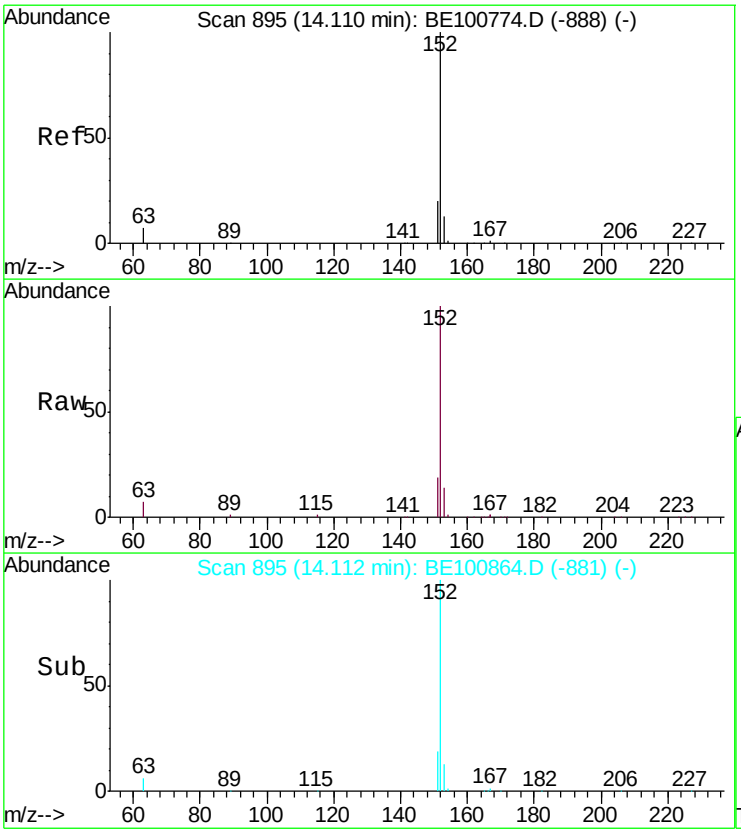
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 22693

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.2	40.8
170	25.0	18.0	27.0

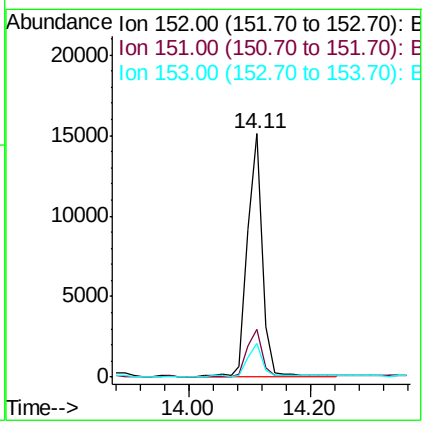


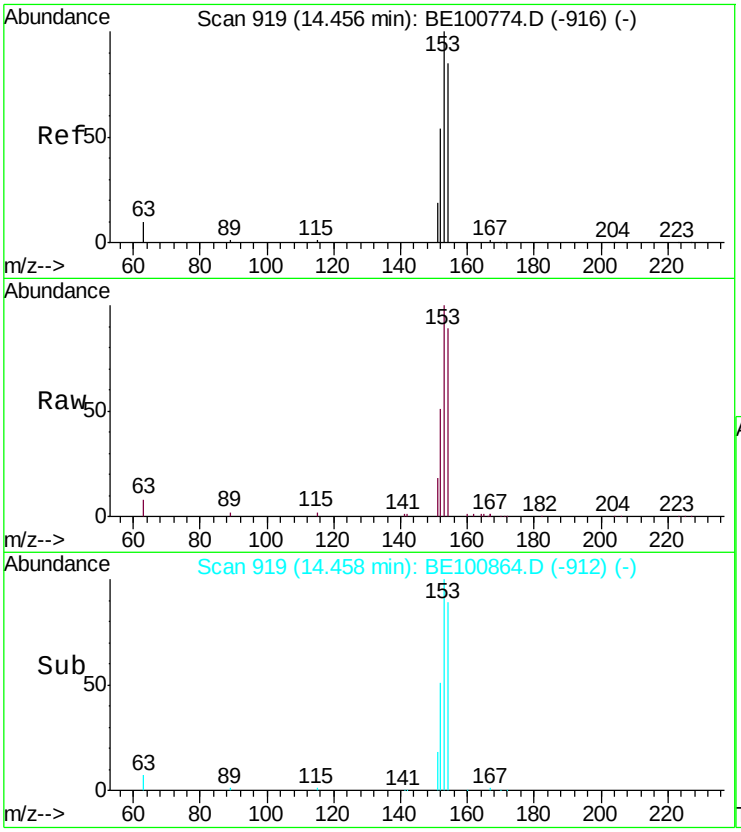


#16
Acenaphthylene
Concen: 0.440 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:152 Resp: 24926

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.1	10.4	15.6



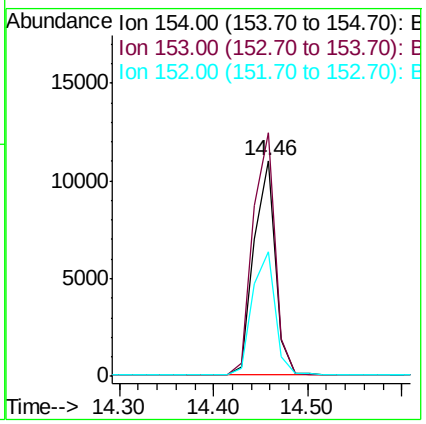


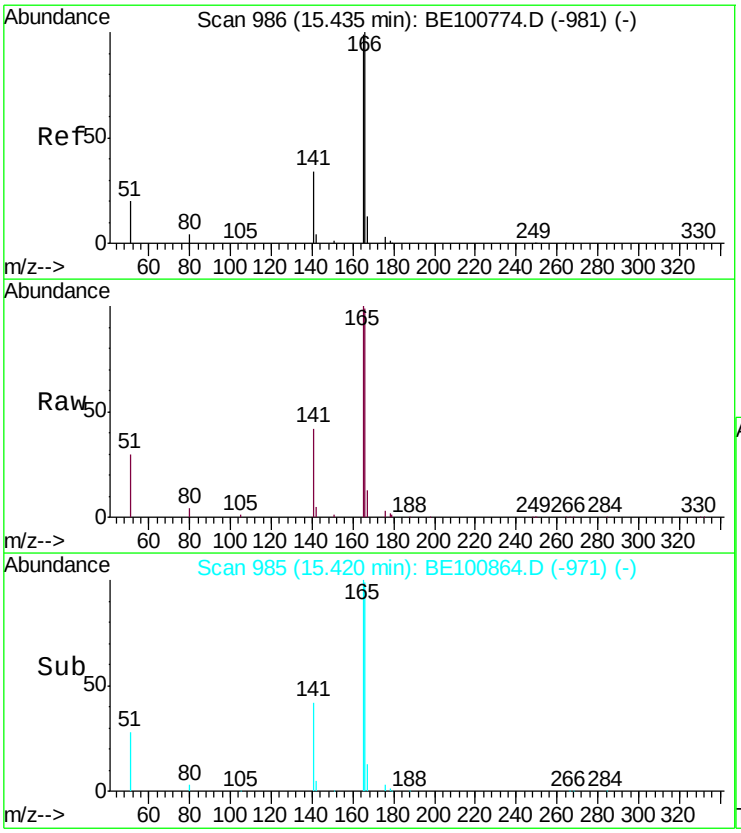
#17
Acenaphthene
Concen: 0.451 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 17626

Ion	Ratio	Lower	Upper
154	100		
153	115.8	92.2	138.2
152	61.4	49.1	73.7

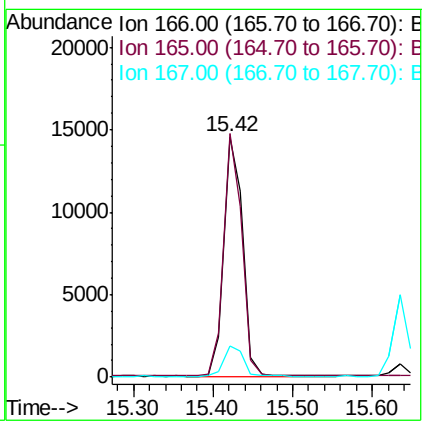


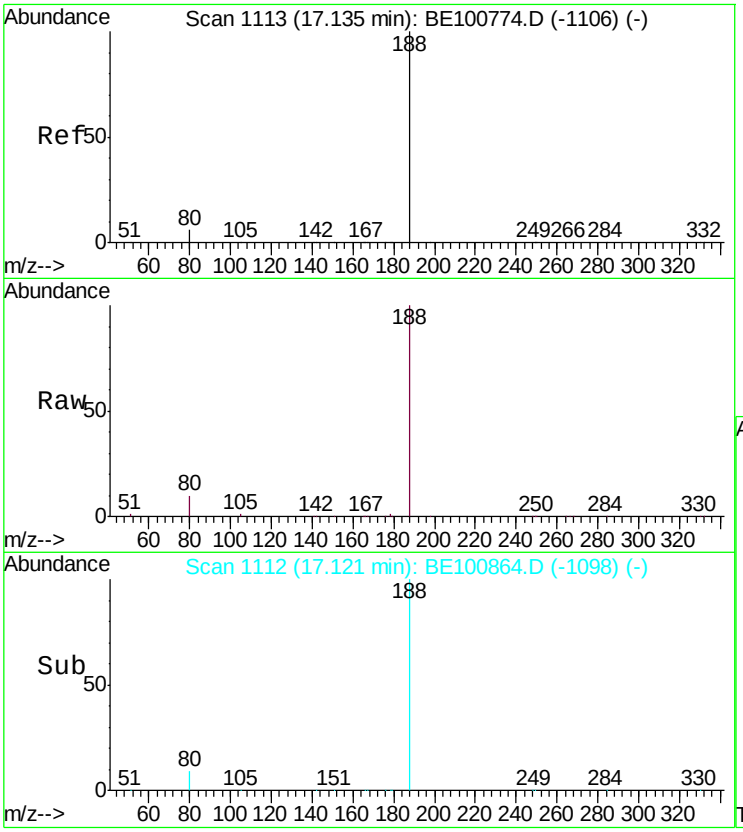


#18
Fluorene
Concen: 0.472 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:166 Resp: 23755

Ion	Ratio	Lower	Upper
166	100		
165	97.6	80.5	120.7
167	13.1	10.7	16.1



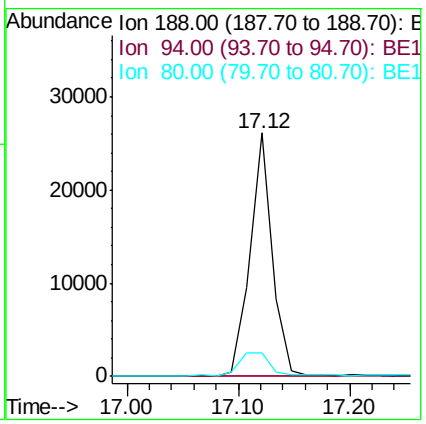


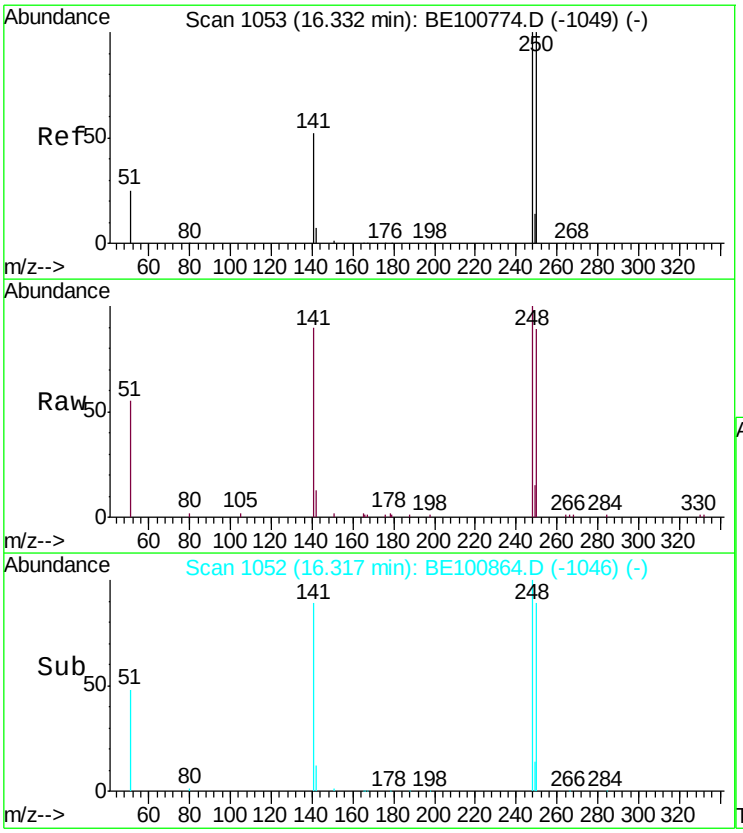
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 35880

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	5.2	7.8#

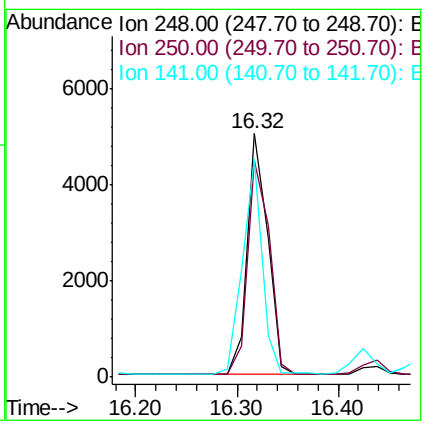


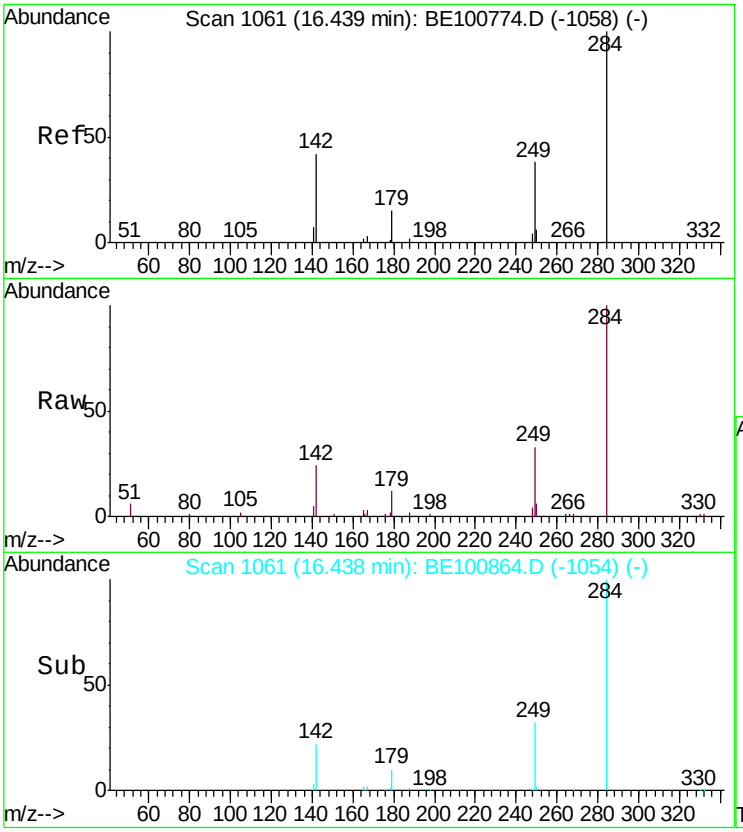


#20
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:248 Resp: 7130

Ion	Ratio	Lower	Upper
248	100		
250	89.2	80.5	120.7
141	89.7	42.6	64.0#



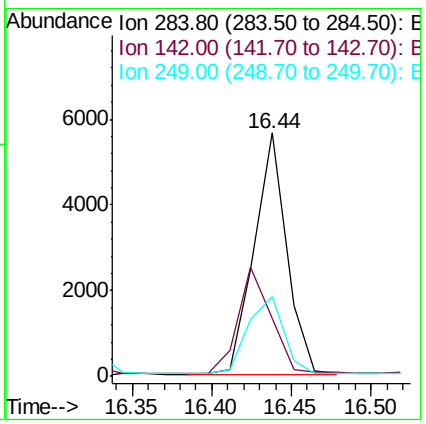


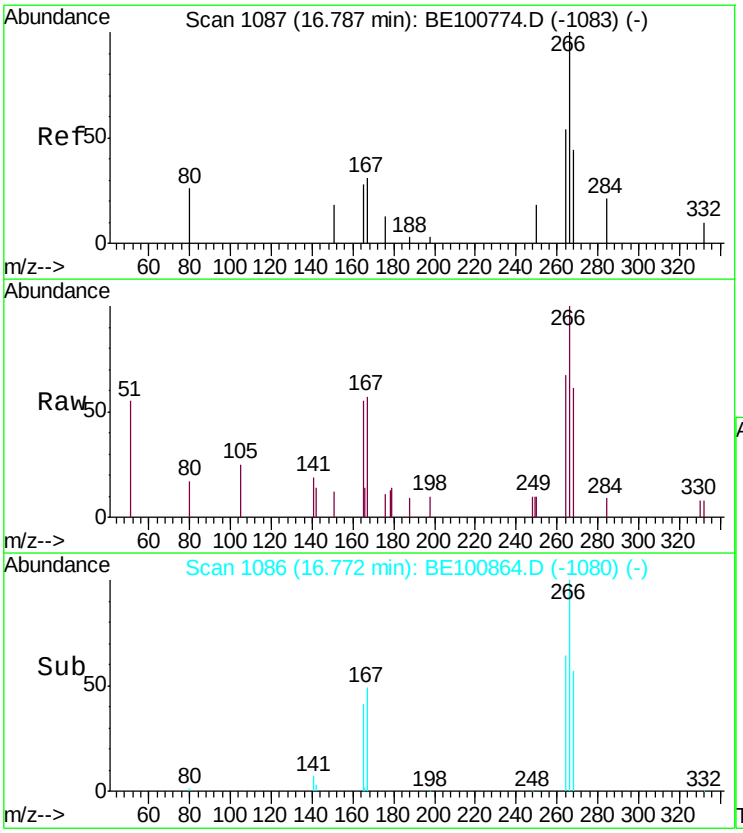
#21
Hexachlorobenzene
Concen: 0.414 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 7922

Ion	Ratio	Lower	Upper
284	100		
142	45.4	34.4	51.6
249	35.6	28.5	42.7

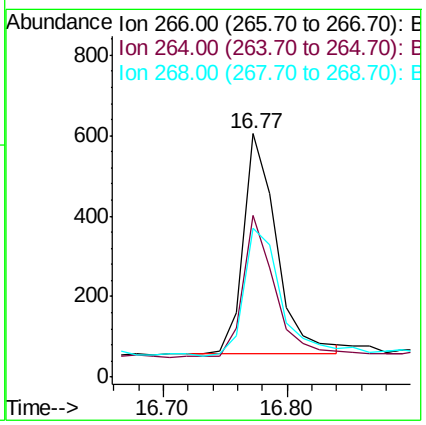


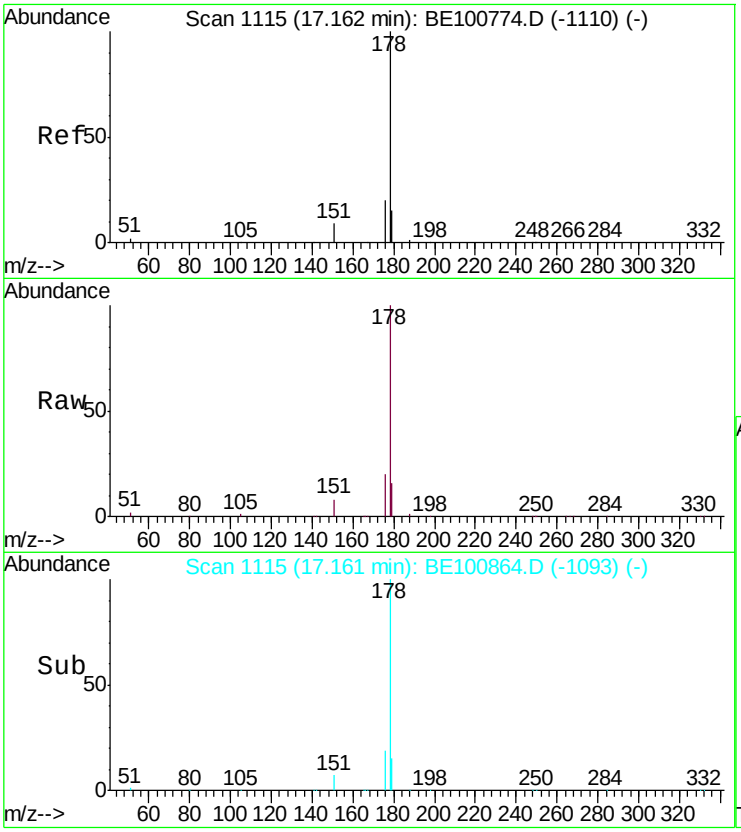


#22
Pentachlorophenol
Concen: 0.767 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:266 Resp: 1015

Ion	Ratio	Lower	Upper
266	100		
264	66.6	63.4	95.0
268	61.3	65.8	98.8#



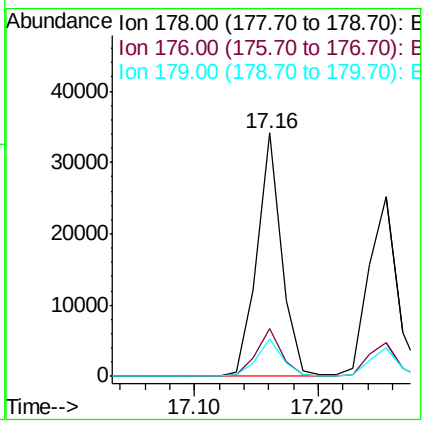


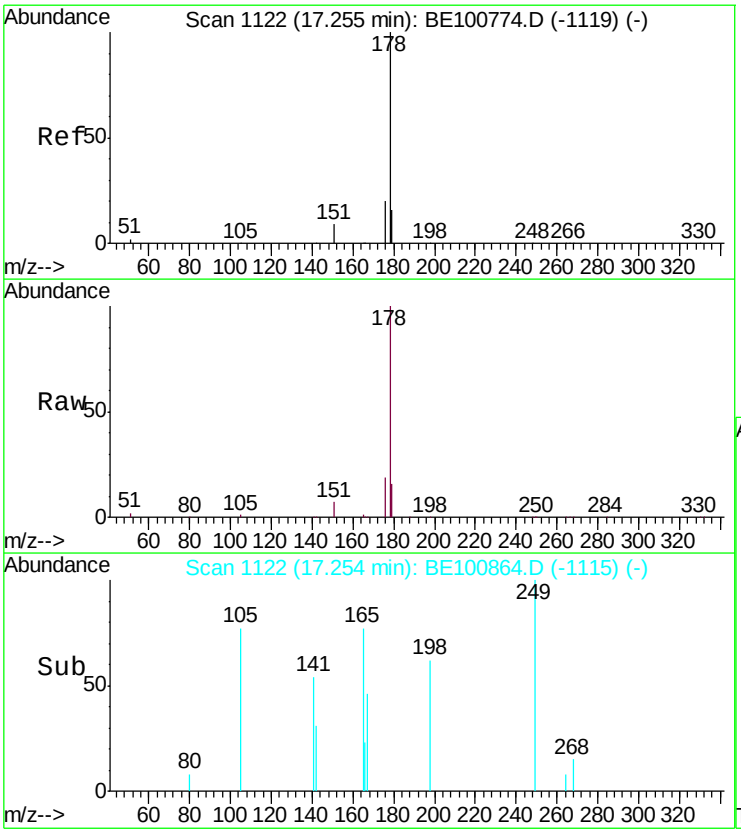
#23
Phenanthrene
Concen: 0.429 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 46576

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.5	12.3	18.5

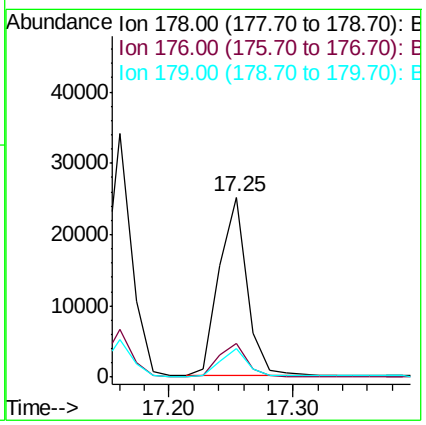


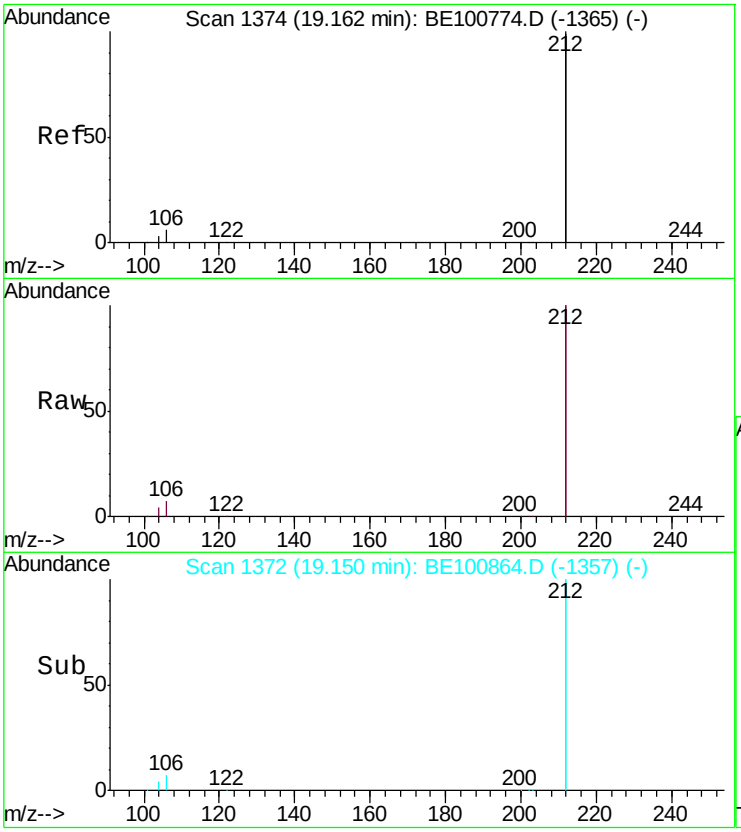


#24
Anthracene
Concen: 0.435 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:178 Resp: 39508

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.1	12.7	19.1



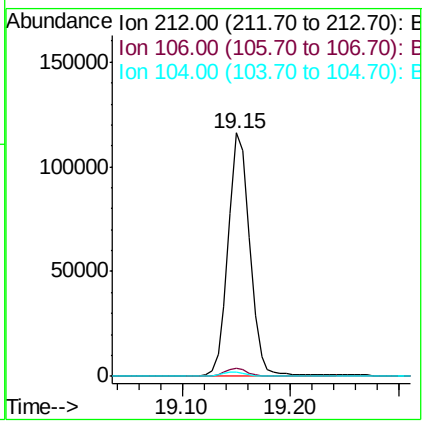


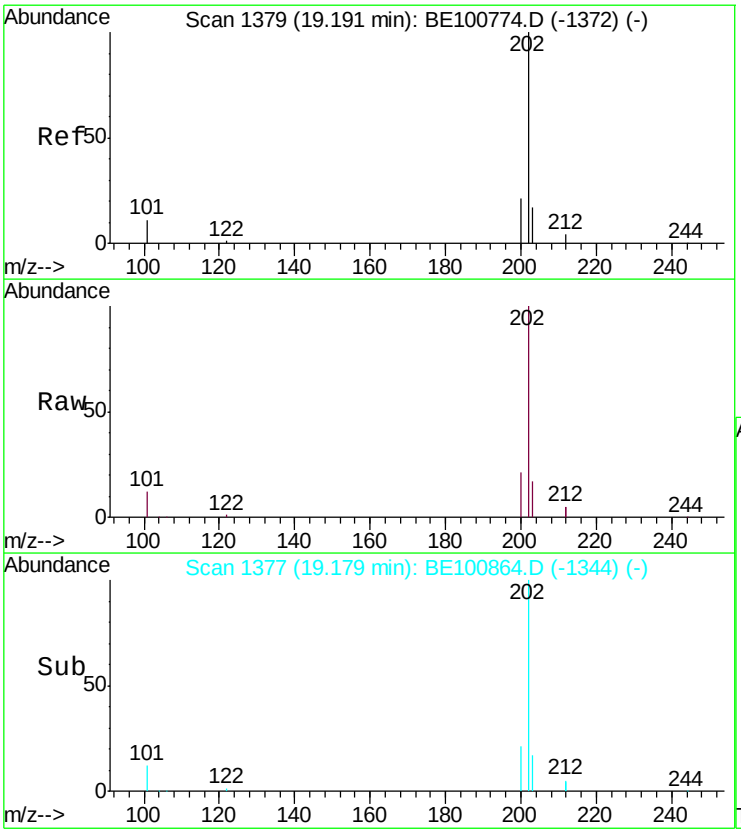
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 159466

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.8	1.4	2.2

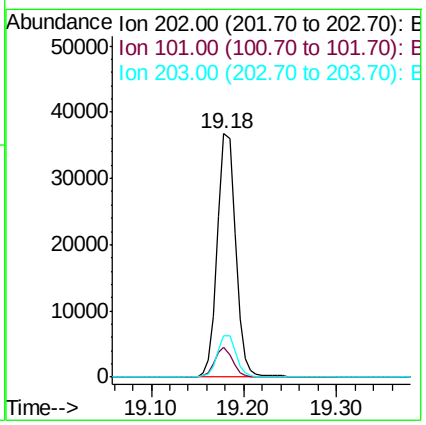


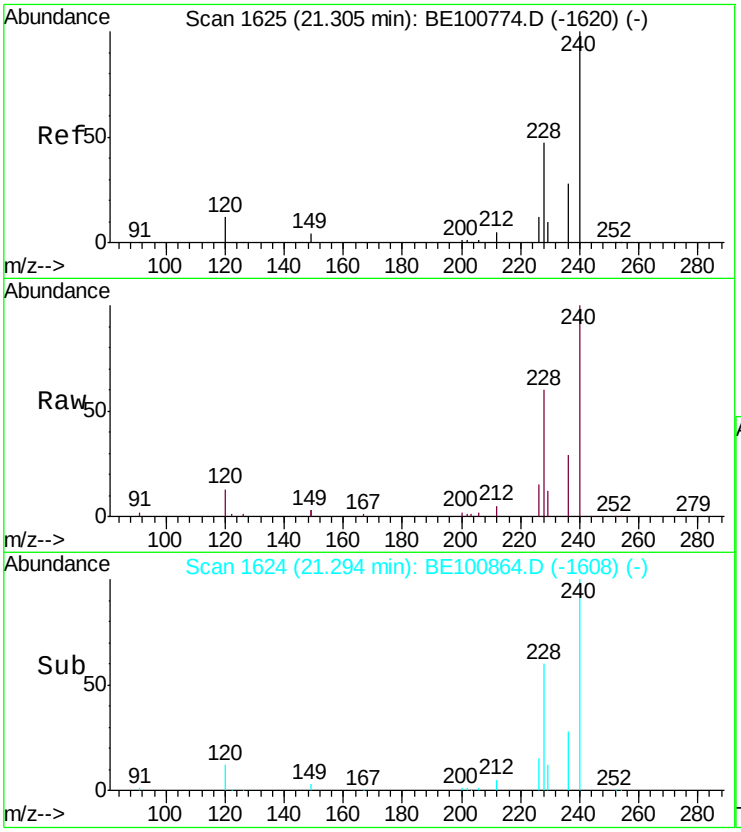


#26
Fluoranthene
Concen: 0.384 ng
RT: 19.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:202 Resp: 49757

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.1	13.7
203	17.3	13.8	20.6



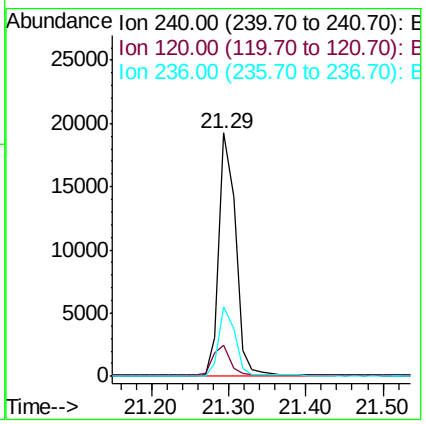


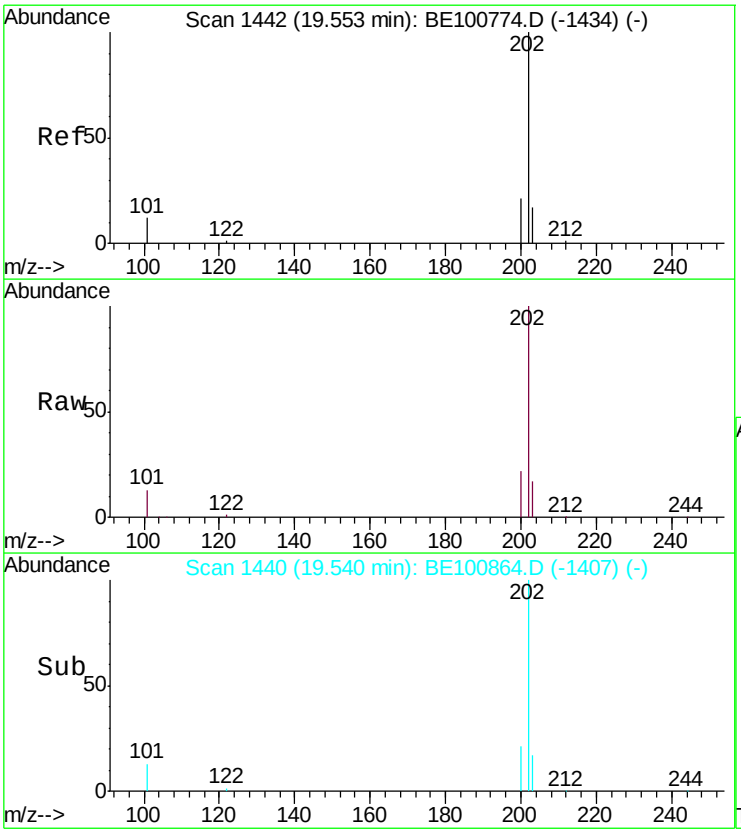
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 28982

Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.2	15.2
236	28.7	22.3	33.5

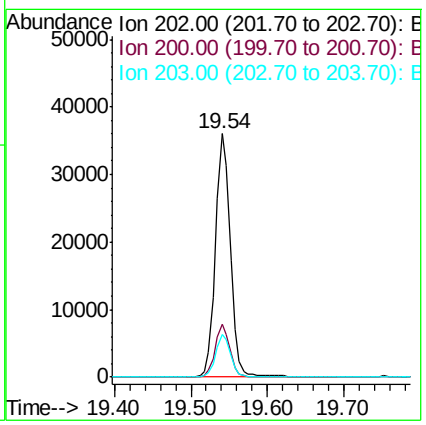


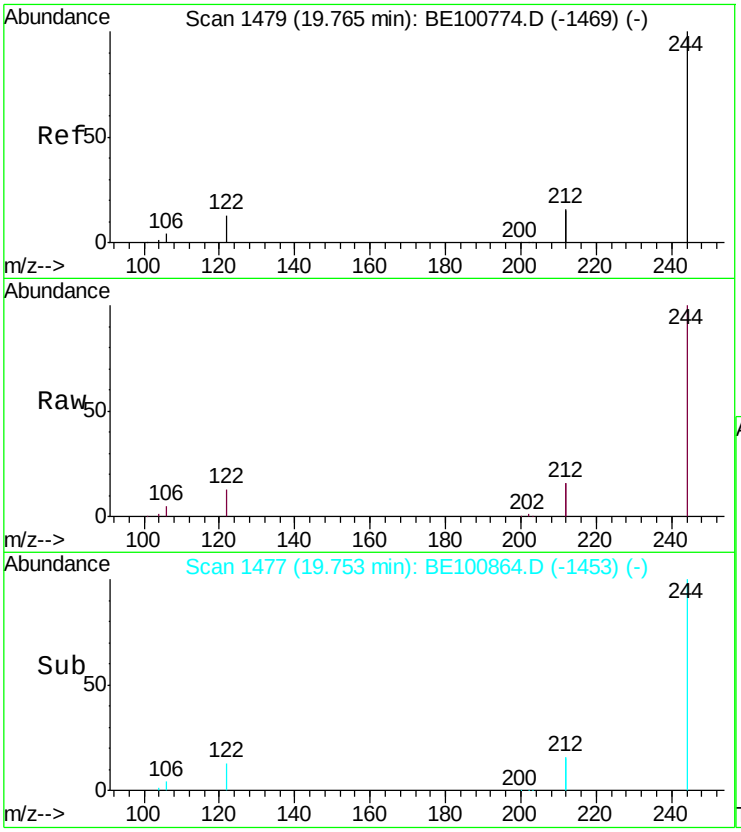


#28
Pyrene
Concen: 0.510 ng
RT: 19.54 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:202 Resp: 48045

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.2	13.9	20.9



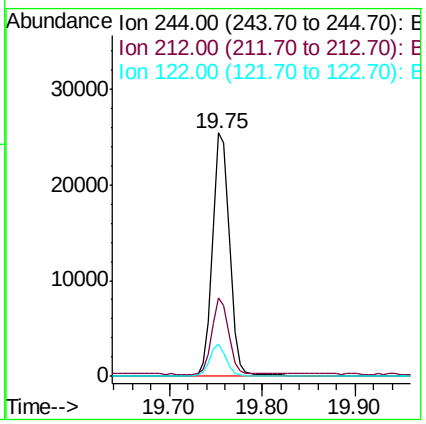


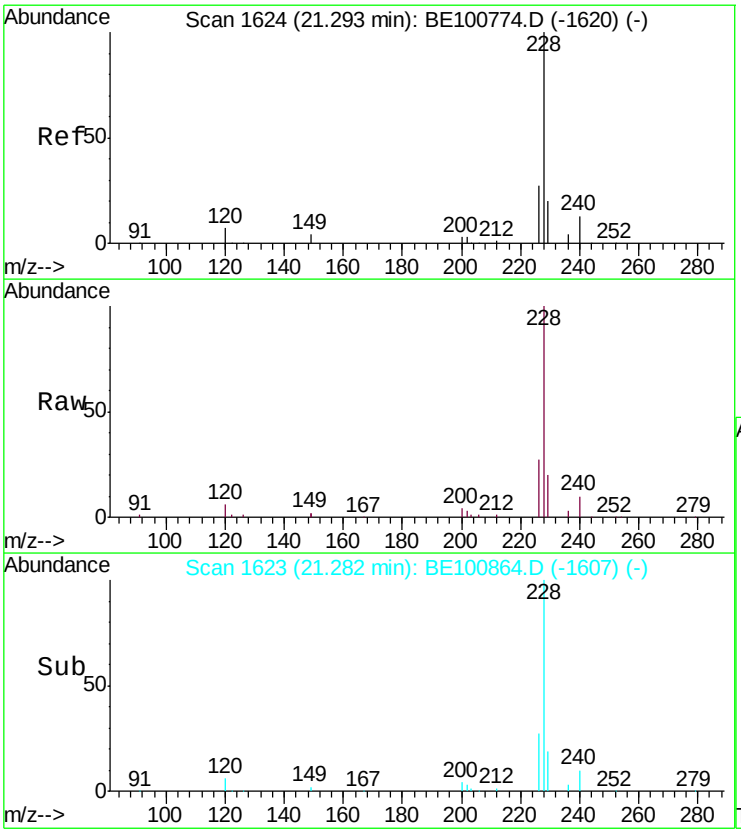
#29
Terphenyl-d14
Concen: 0.462 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 32075

Ion	Ratio	Lower	Upper
244	100		
212	32.4	26.2	39.4
122	13.2	10.2	15.4

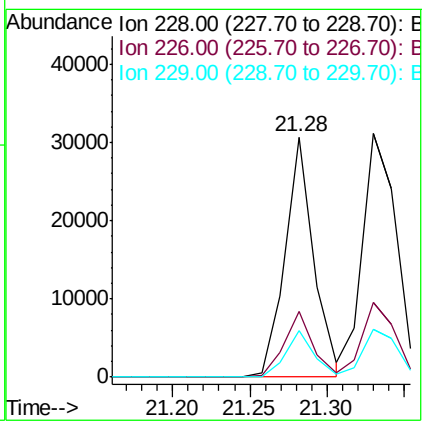


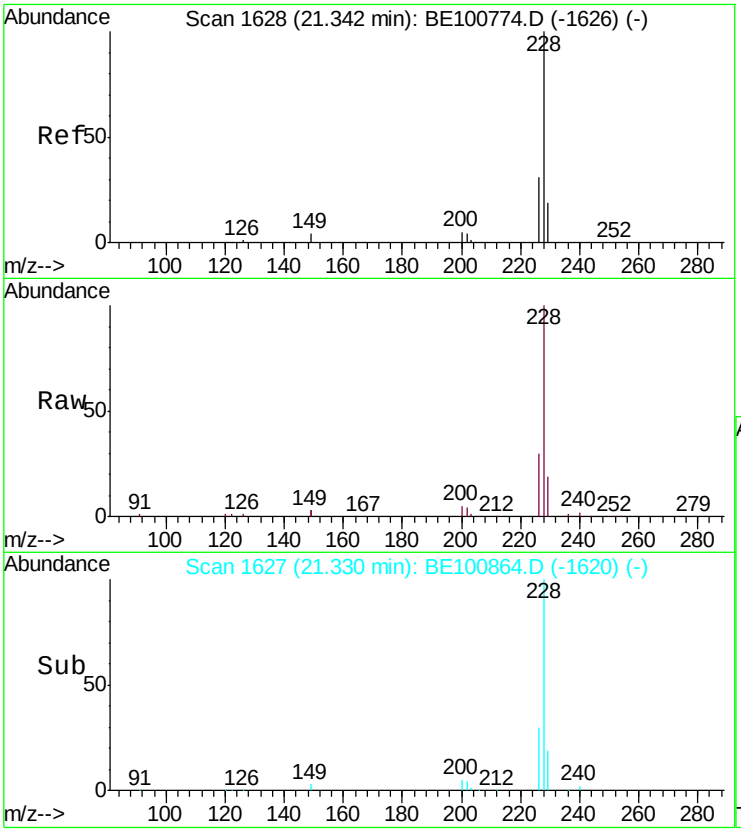


#30
Benzo(a)anthracene
Concen: 0.465 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:228 Resp: 39728

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.5	32.3
229	19.6	16.0	24.0



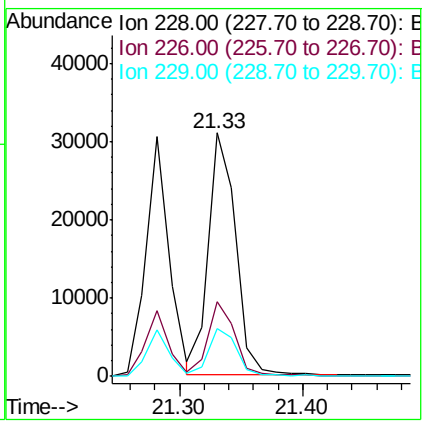


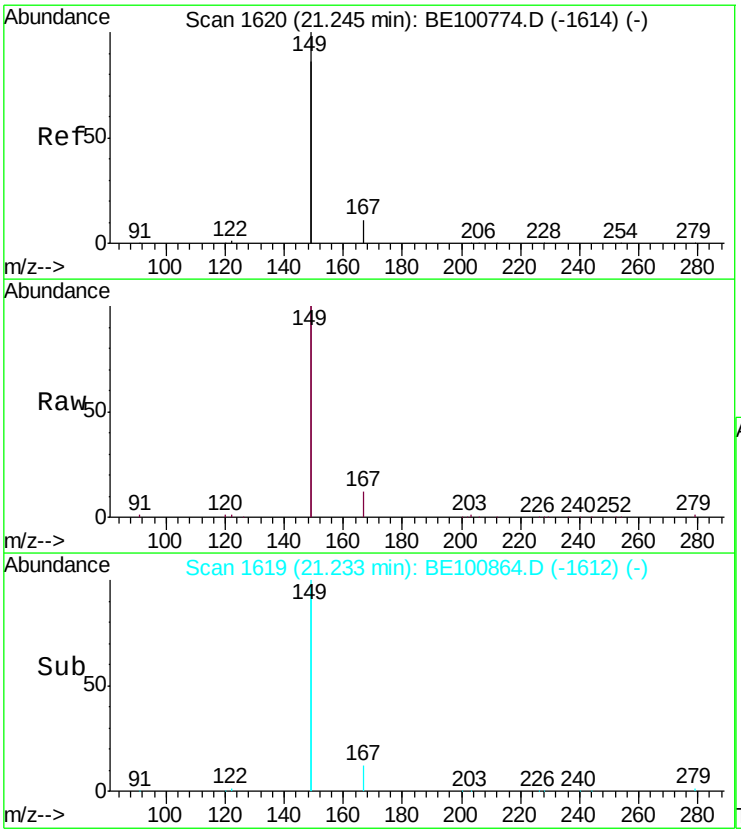
#31
Chrysene
Concen: 0.472 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 47406

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	19.4	15.4	23.2

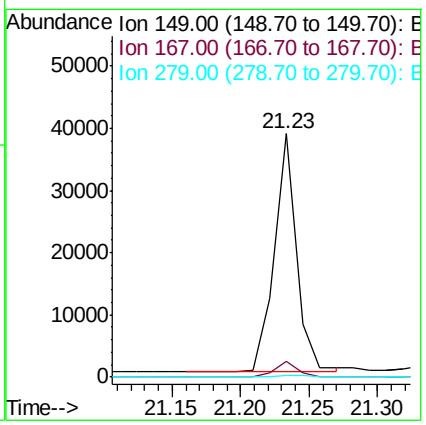


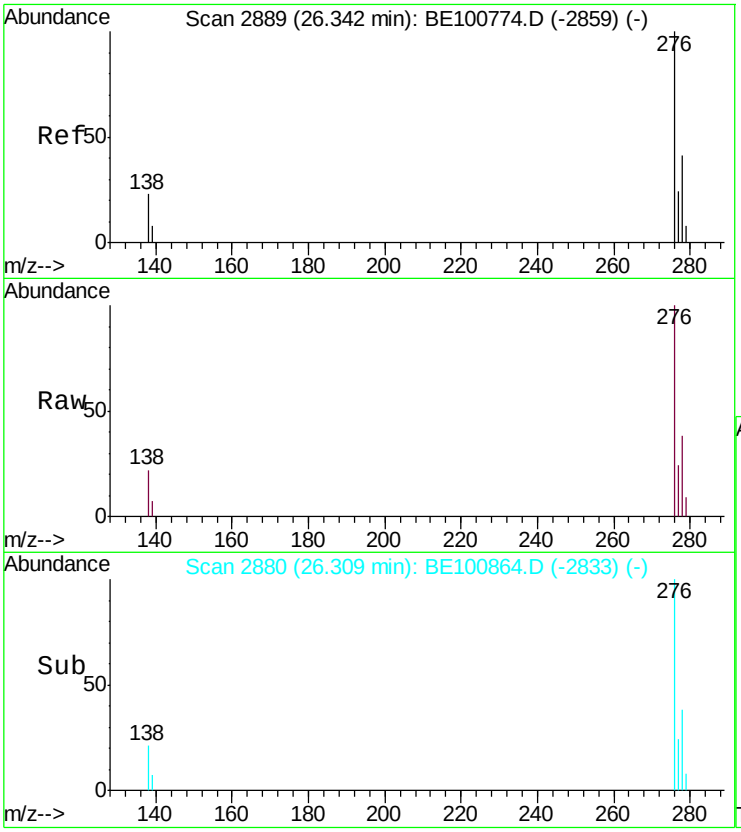


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.703 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:149 Resp: 43209

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.0	7.6
279	0.8	0.7	1.1



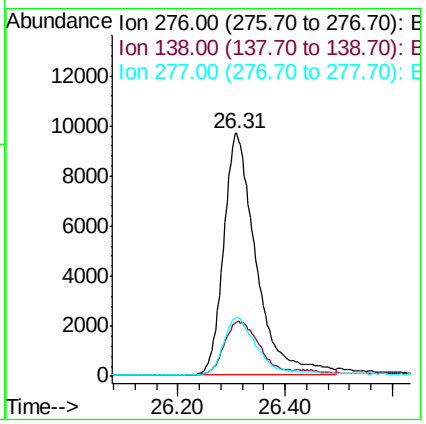


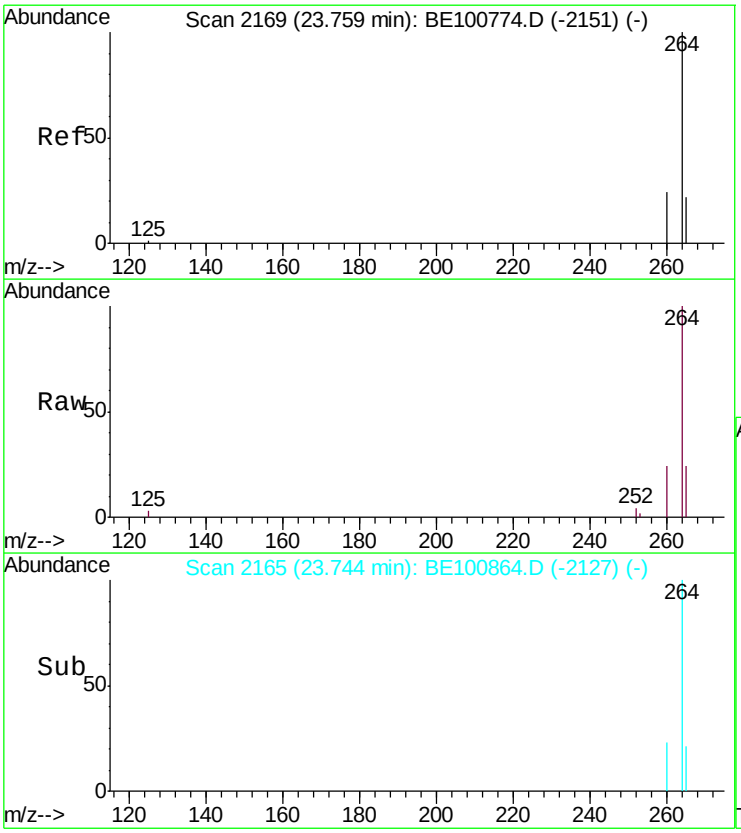
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.465 ng
RT: 26.31 min Scan# 2880
Delta R.T. -0.03 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 40648

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.4	29.0
277	24.2	19.8	29.6

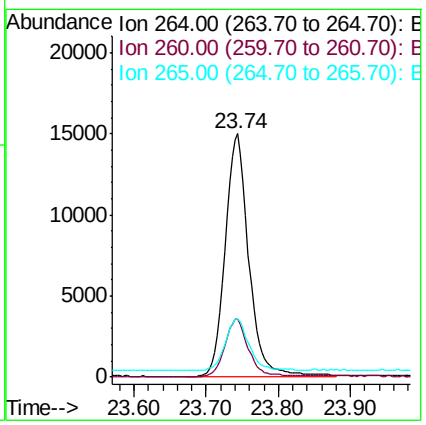


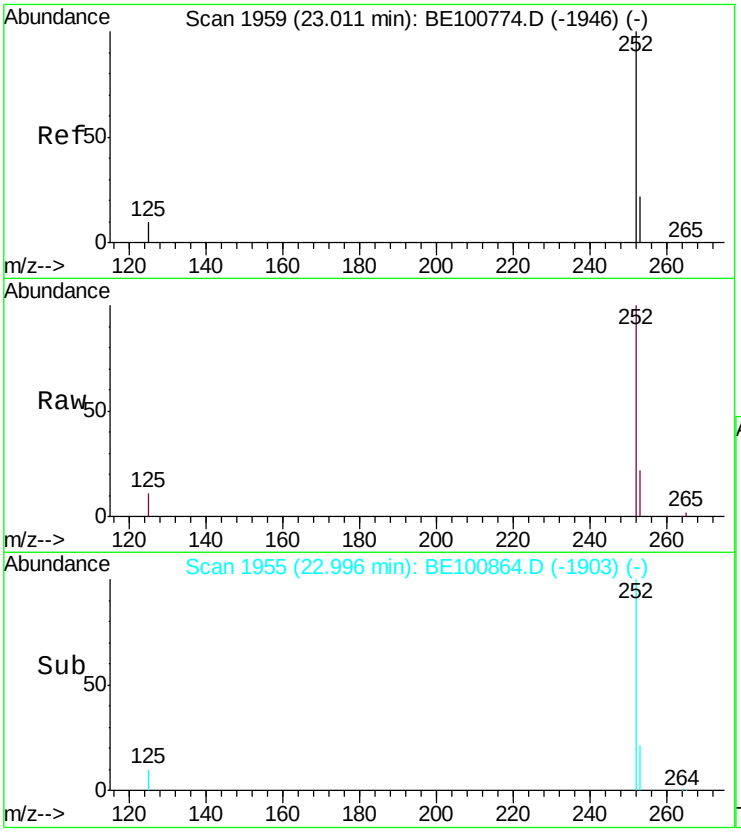


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:264 Resp: 33175

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	23.9	21.8	32.8



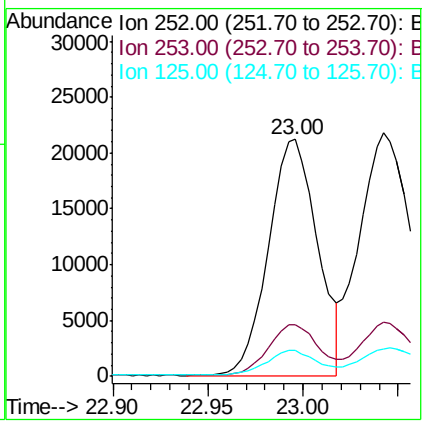


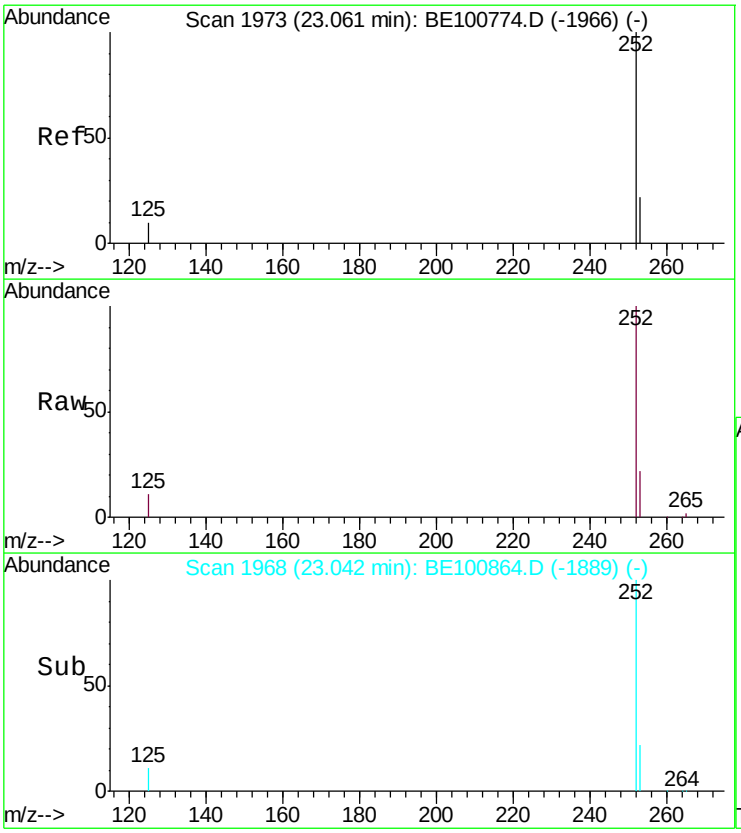
#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 23.00 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 37934

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.9	9.0	13.4

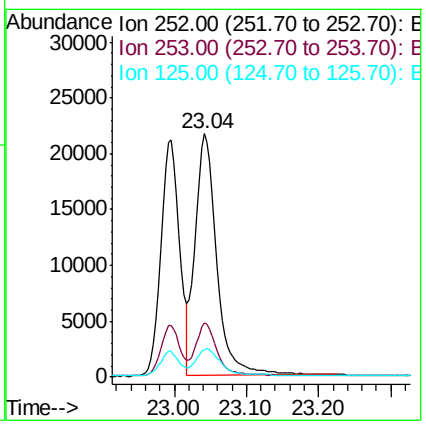


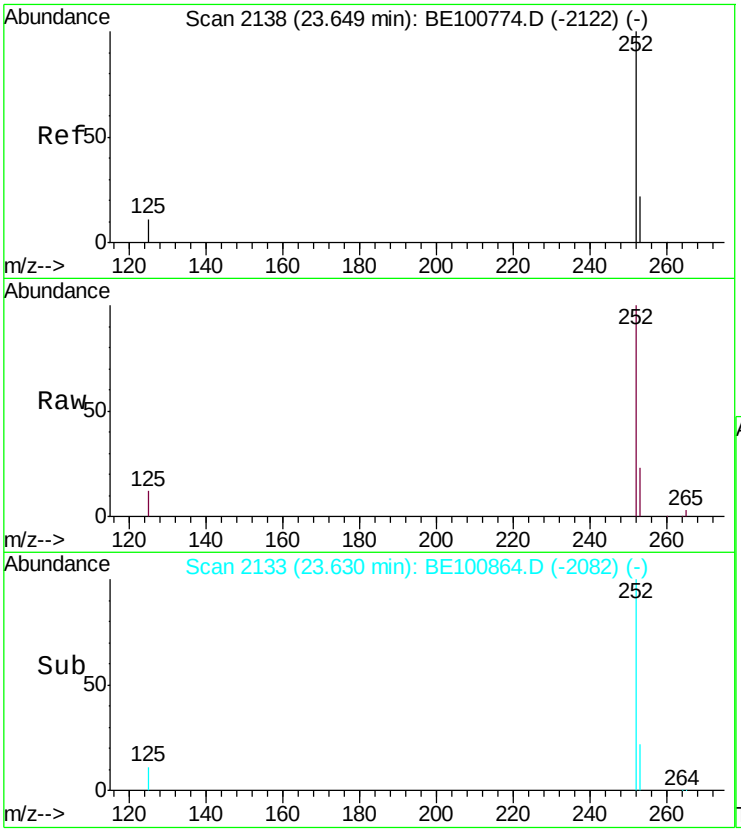


#36
Benzo(k)fluoranthene
Concen: 0.447 ng
RT: 23.04 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:252 Resp: 45551

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.4	8.7	13.1



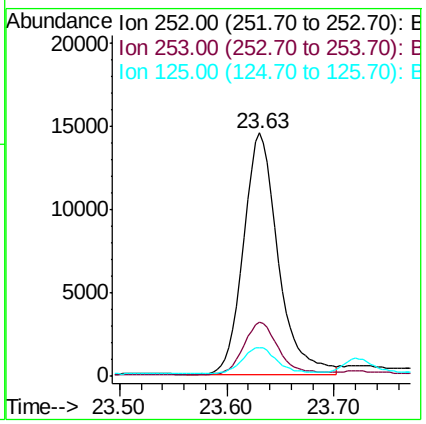


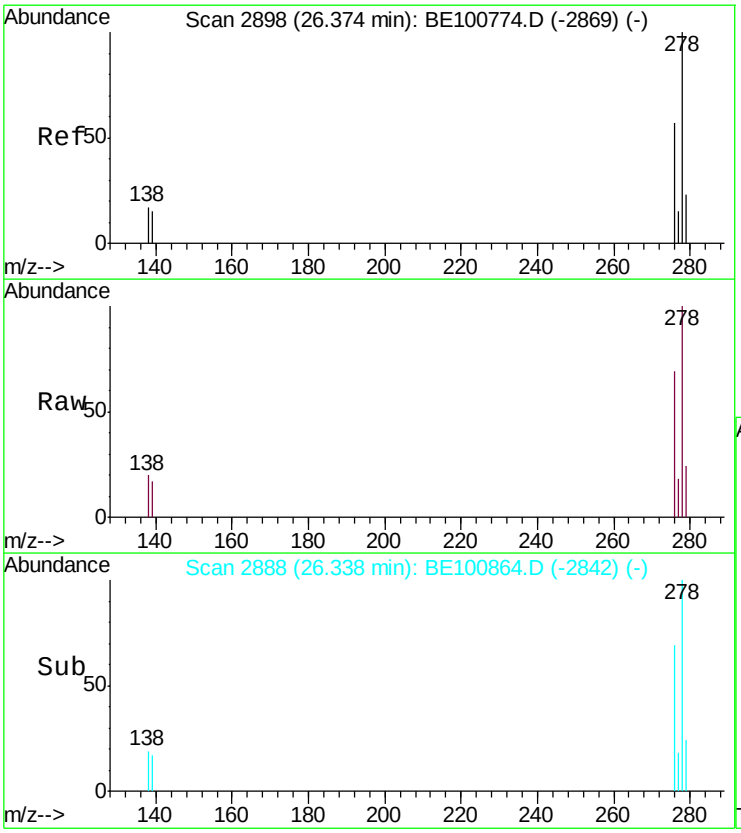
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.63 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 32394

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.7	10.4	15.6

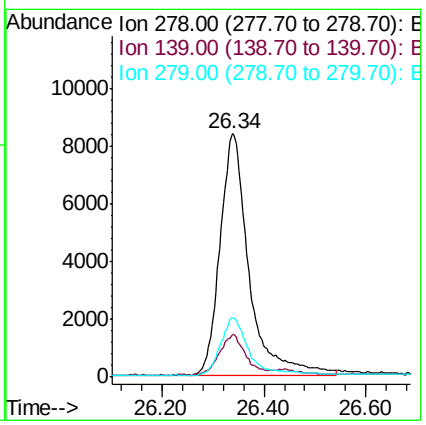


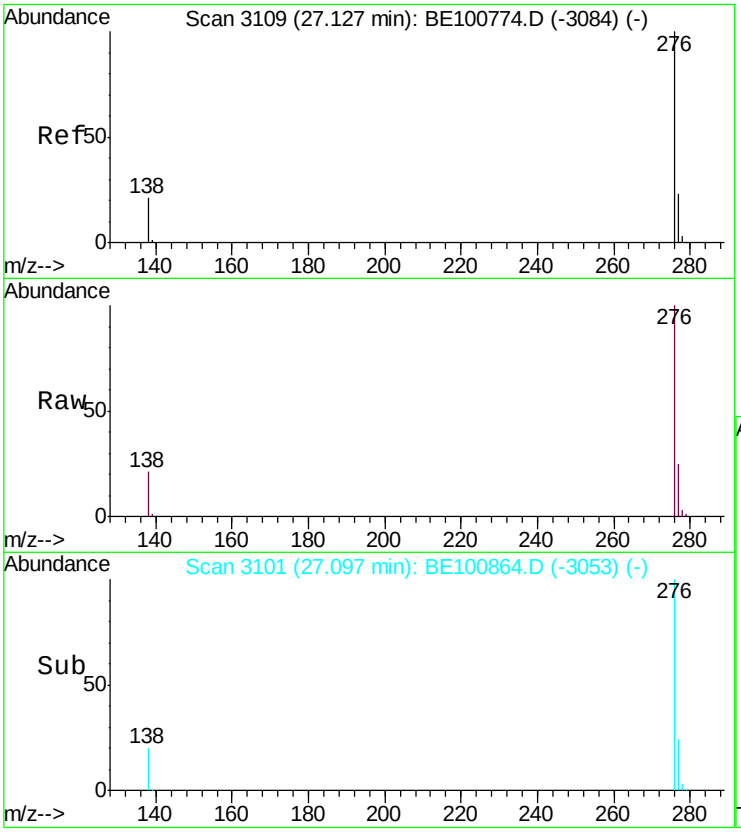


#38
Dibenzo(a,h)anthracene
Concen: 0.426 ng
RT: 26.34 min Scan# 2888
Delta R.T. -0.04 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:278 Resp: 33322

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.0	19.4
279	24.5	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.427 ng
RT: 27.10 min Scan# 3101
Delta R.T. -0.03 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 35754

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	21.2	17.8	26.6