Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100915.D
Acq On : 16 Dec 2019 9:58
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 16 14:10:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4921	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	22574	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	12532	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	26489	0.40	ng		0.00
27) Chrysene-d12	21.29	240	22273	0.40	ng		-0.01
34) Perylene-d12	23.74	264	24123	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	5533	0.47	ng		0.00
5) Phenol-d6	6.93	99	8250	0.47	ng		0.00
8) Nitrobenzene-d5	8.90	82	6482	0.60	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	14176	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	904	0.65	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	19422	0.39	ng		0.00
25) Fluoranthene-d10	19.15	212	111634	0.36	ng		0.00
29) Terphenyl-d14	19.75	244	23187	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	3925	0.437	ng		100
3) n-Nitrosodimethylamine	3.65	42	3025	0.414	ng	#	97
6) bis(2-Chloroethyl)ether	7.19	93	7299	0.428	ng		95
9) Naphthalene	10.58	128	103497	0.431	ng		100
10) Hexachlorobutadiene	10.89	225	3897	0.417	ng		99
12) 2-Methylnaphthalene	12.21	142	16319	0.436	ng		99
16) Acenaphthylene	14.11	152	22424	0.433	ng		100
17) Acenaphthene	14.46	154	14982	0.419	ng		99
18) Fluorene	15.42	166	19379	0.421	ng		100
20) 4-Bromophenyl-phenylether	16.32	248	5643	0.434	ng		92
21) Hexachlorobenzene	16.44	284	6137	0.435	ng		99
22) Pentachlorophenol	16.77	266	631	0.646	ng		92
23) Phenanthrene	17.16	178	34020	0.424	ng		99
24) Anthracene	17.26	178	27074	0.403	ng		99
26) Fluoranthene	19.18	202	35108	0.367	ng		100
28) Pyrene	19.54	202	34674	0.479	ng		100
30) Benzo(a)anthracene	21.28	228	29156	0.444	ng		98
31) Chrysene	21.33	228	35112	0.455	ng		100
32) Bis(2-ethylhexyl)phthalate	21.23	149	31639	0.673	ng		99
33) Indeno(1,2,3-cd)pyrene	26.31	276	29338	0.437	ng		99
35) Benzo(b)fluoranthene	22.99	252	28583	0.433	ng		99
36) Benzo(k)fluoranthene	23.04	252	32357	0.437	ng		99
37) Benzo(a)pyrene	23.63	252	24863	0.435	ng		100
38) Dibenzo(a,h)anthracene	26.34	278	23497	0.413	ng		99
39) Benzo(g,h,i)perylene	27.10	276	25785	0.424	ng		98

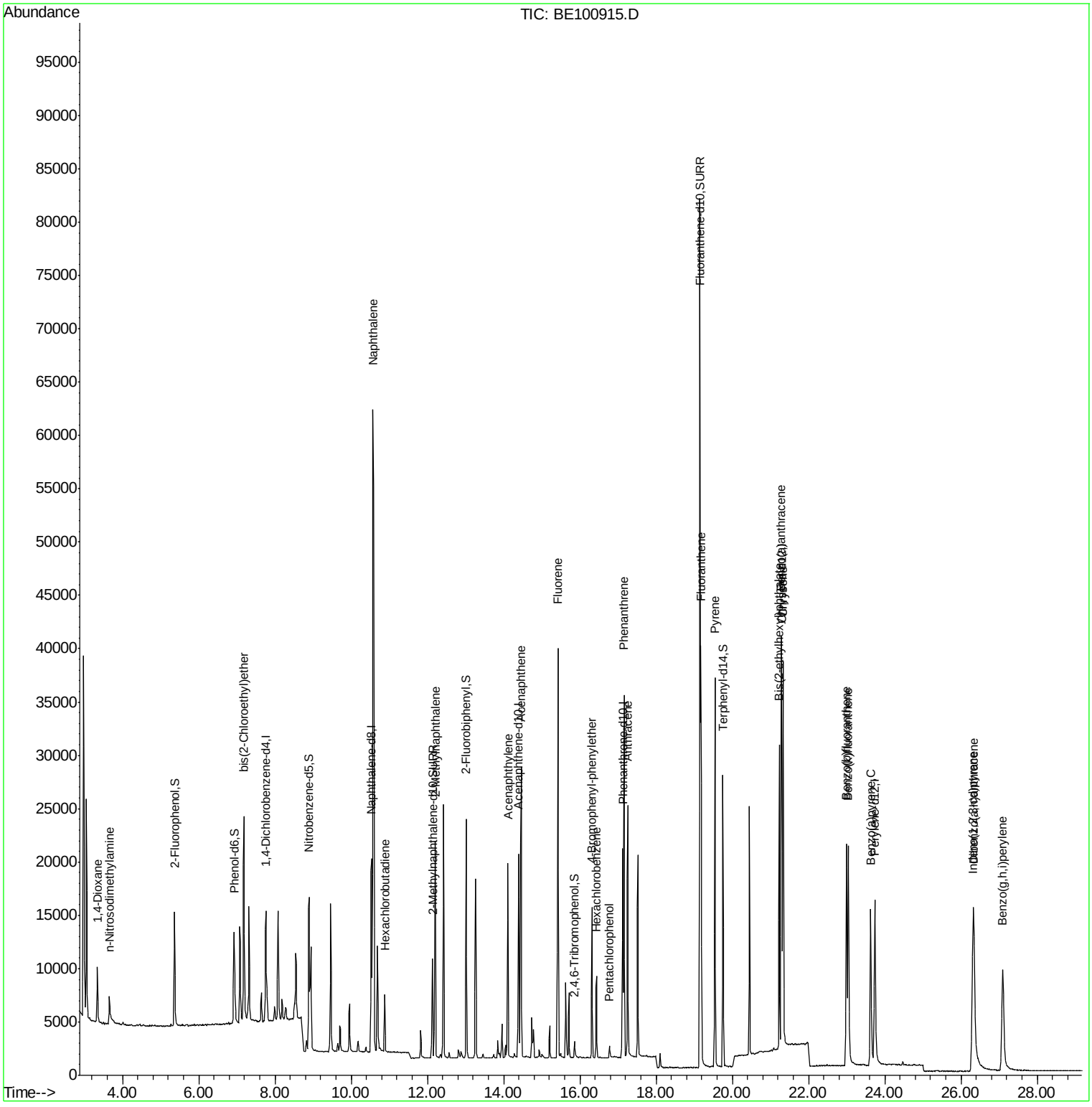
(#) = qualifier out of range (m) = manual integration (+) = signals summed

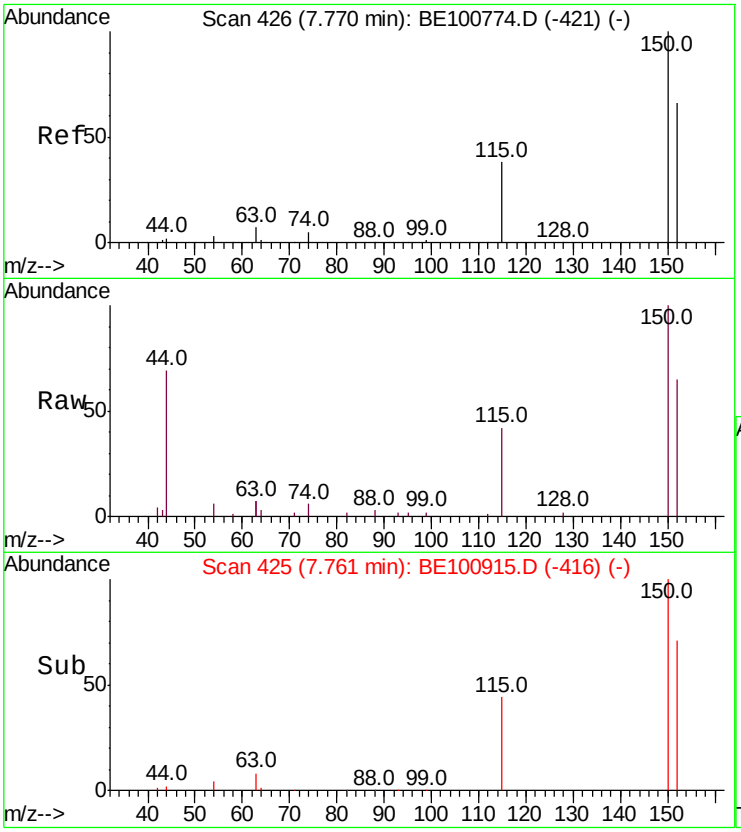
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100915.D
Acq On : 16 Dec 2019 9:58
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 16 14:10:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration



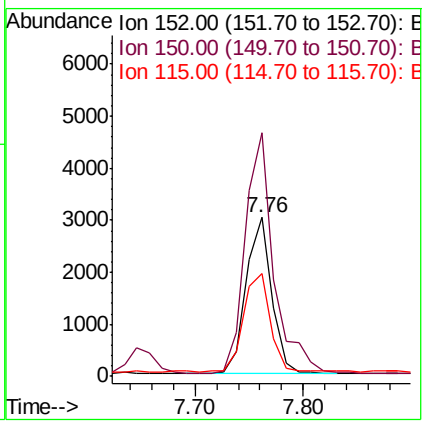


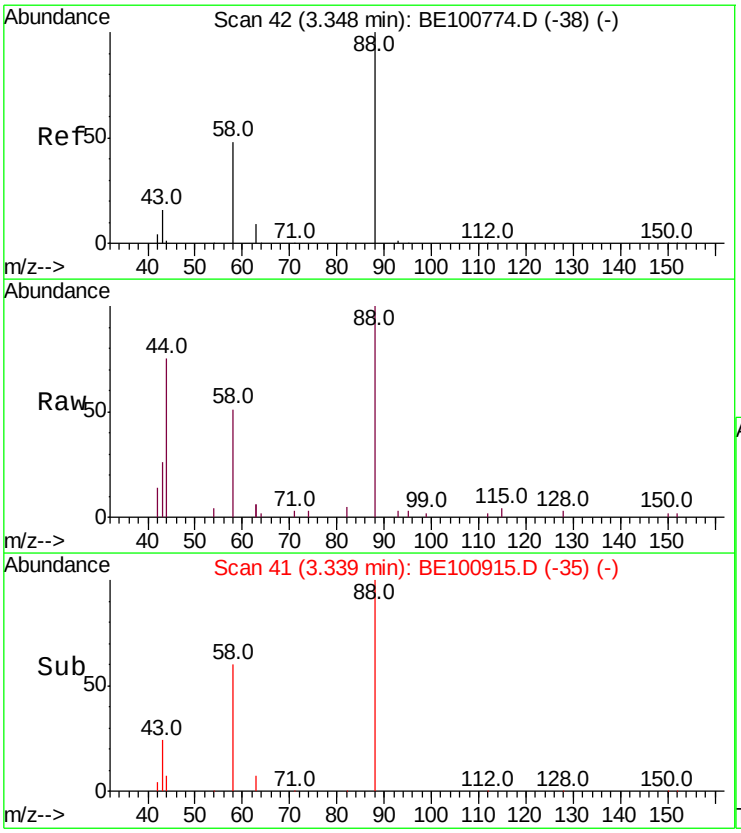
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4921

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.5	188.3
115	64.4	55.7	83.5

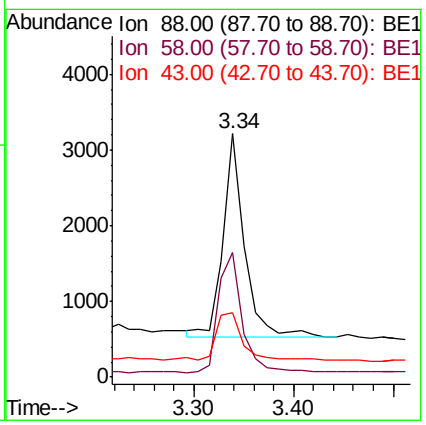


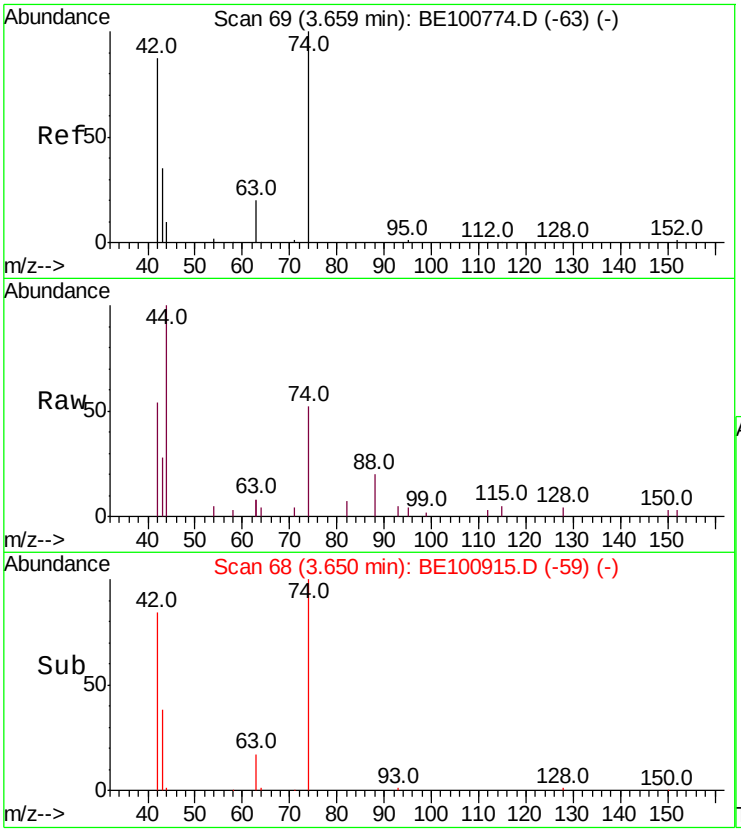


#2
1,4-Dioxane
Concen: 0.437 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion: 88 Resp: 3925

Ion	Ratio	Lower	Upper
88	100		
58	65.8	52.3	78.5
43	29.4	23.5	35.3



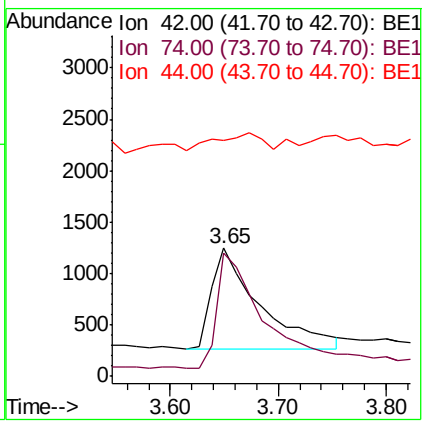


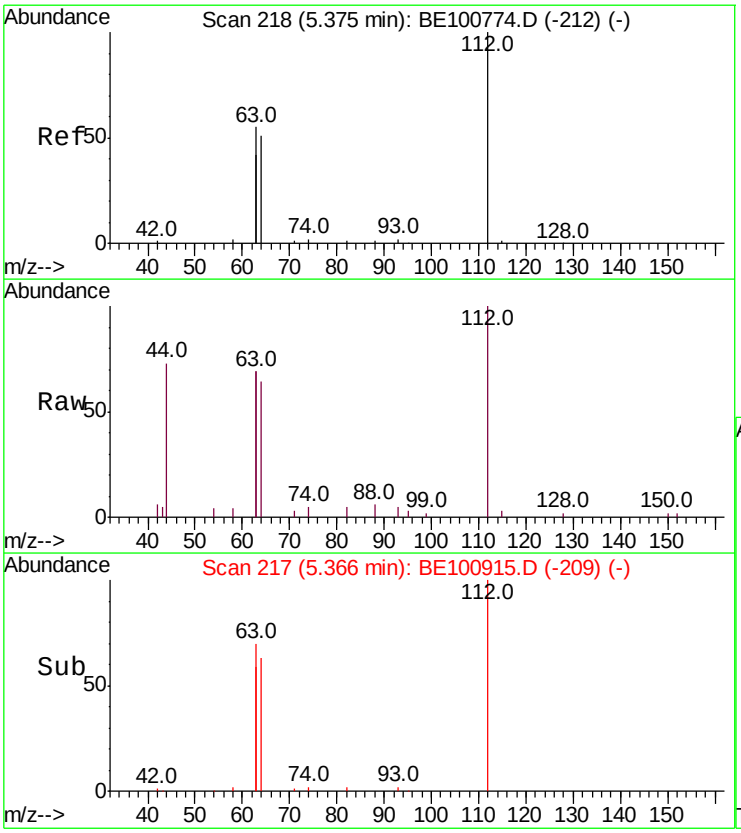
#3
n-Nitrosodimethylamine
Concen: 0.414 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3025

Ion	Ratio	Lower	Upper
42	100		
74	112.4	90.3	135.5
44	0.0	9.0	13.4#

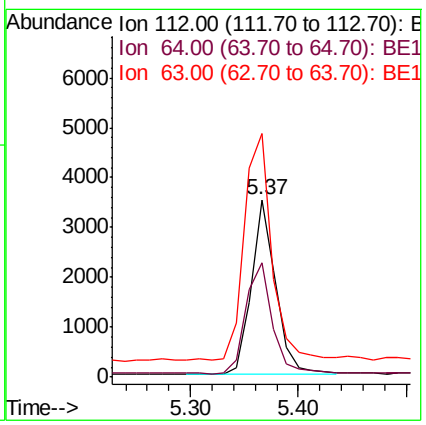


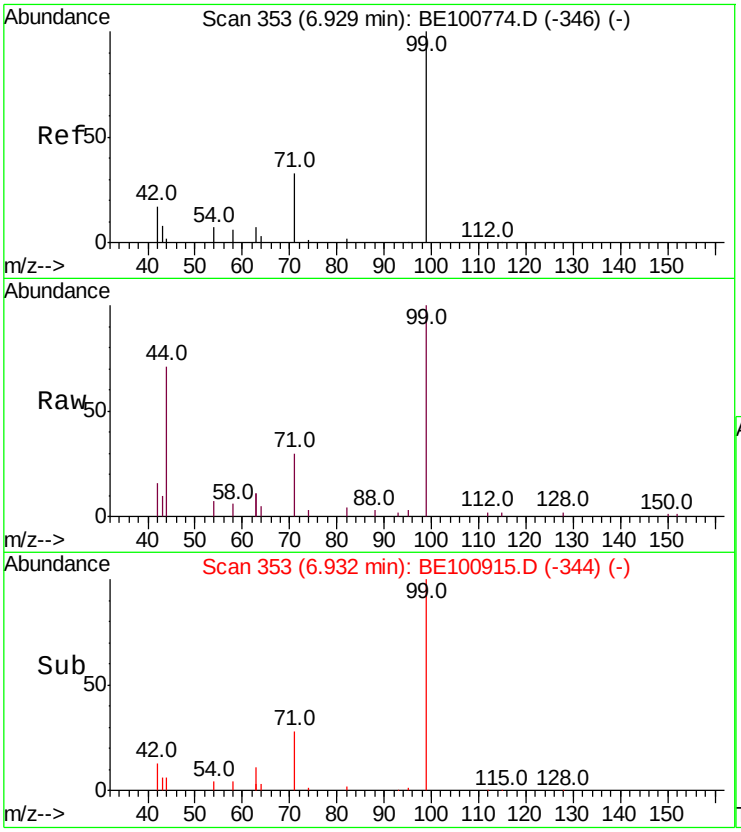


#4
2-Fluorophenol
Concen: 0.474 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:112 Resp: 5533

Ion	Ratio	Lower	Upper
112	100		
64	67.8	54.5	81.7
63	144.4	116.1	174.1



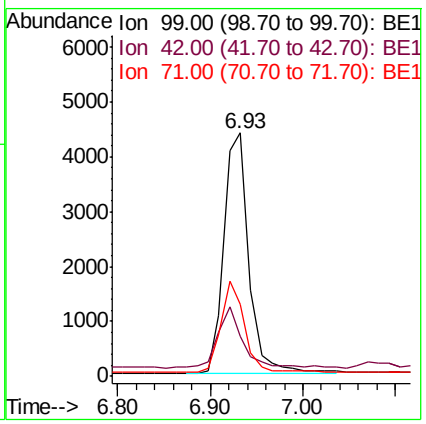


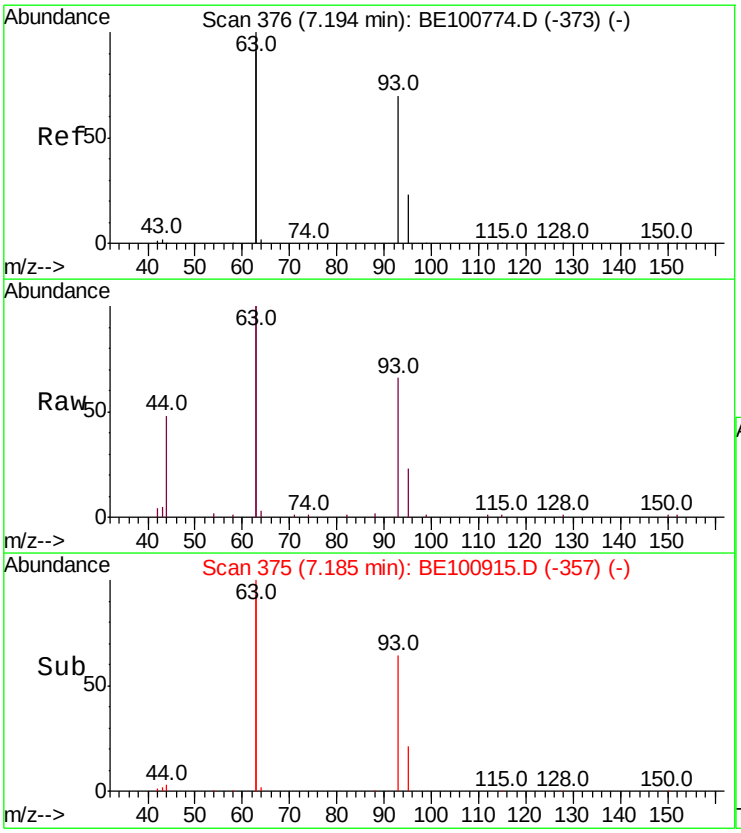
#5
Phenol-d6
Concen: 0.468 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 8250

Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.2	27.2
71	35.9	29.1	43.7

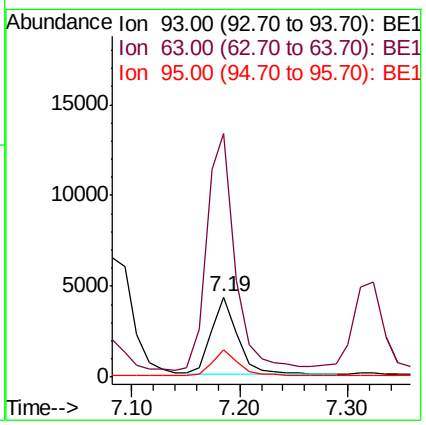


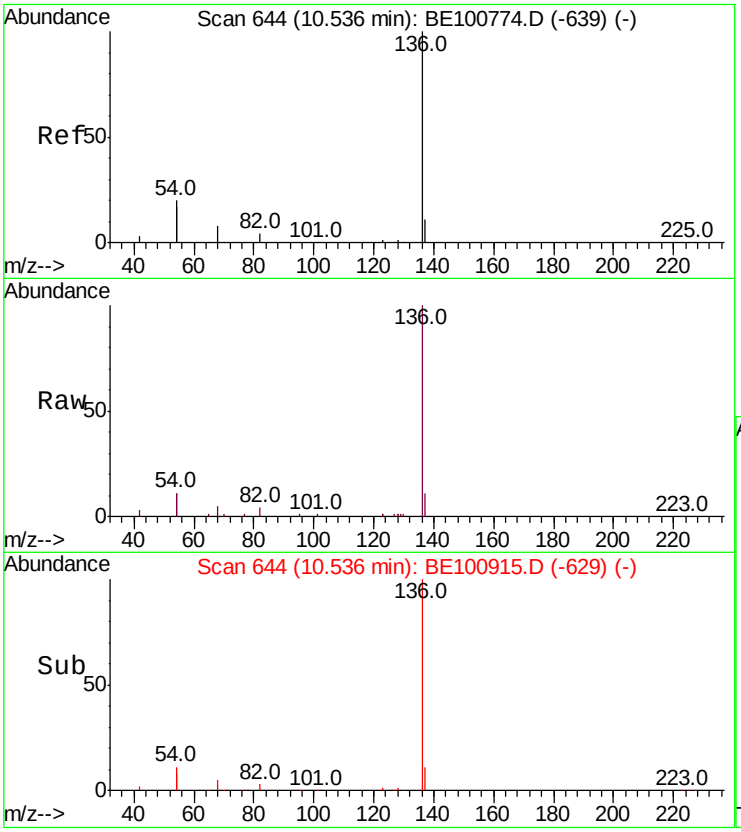


#6
bis(2-Chloroethyl)ether
Concen: 0.428 ng
RT: 7.19 min Scan# 375
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion: 93 Resp: 7299

Ion	Ratio	Lower	Upper
93	100		
63	328.1	253.9	380.9
95	33.8	25.0	37.6



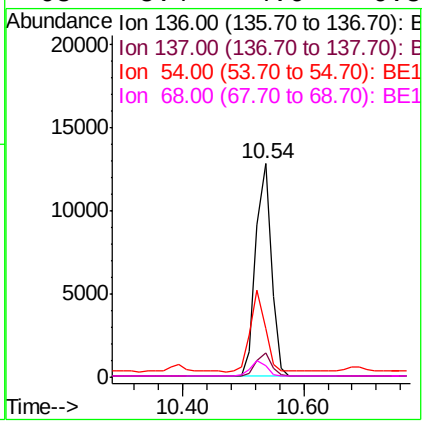


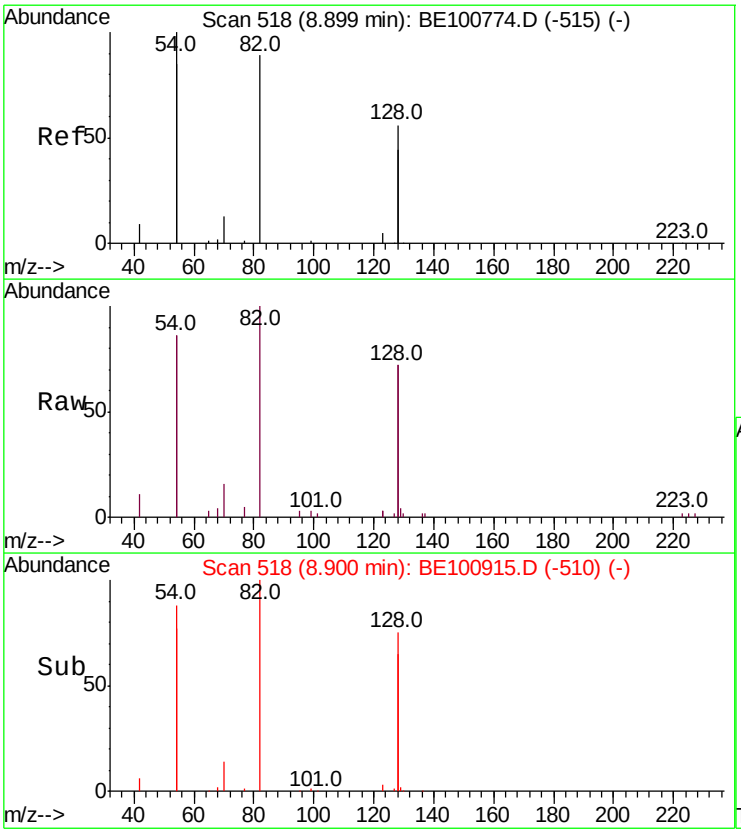
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 22574

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	22.8	18.9	28.3
68	5.4	4.6	6.8

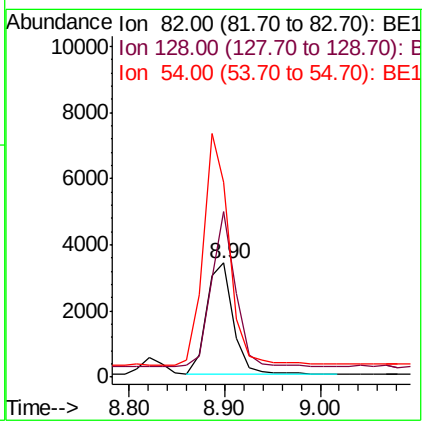


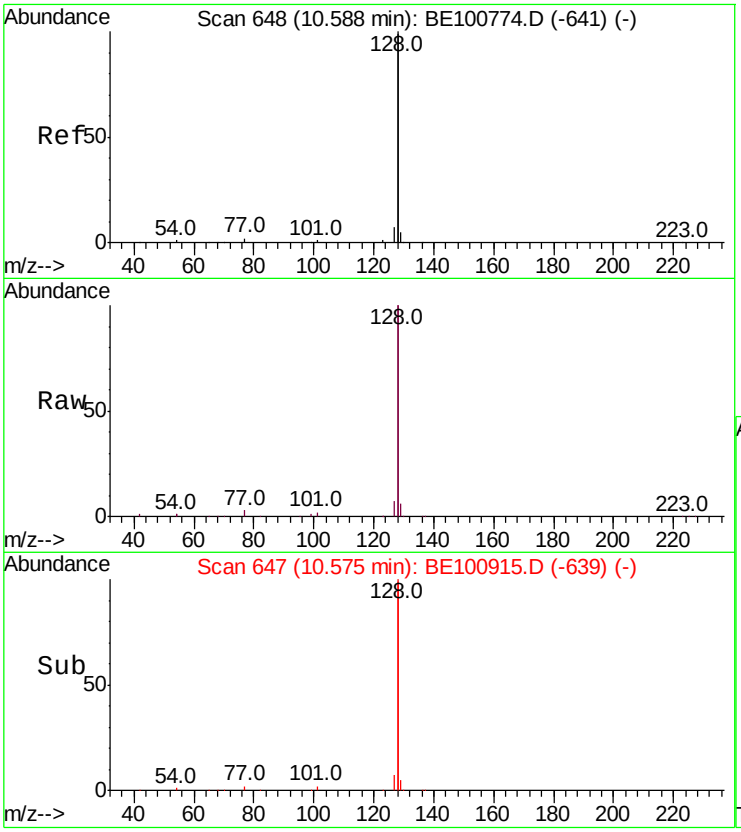


#8
Nitrobenzene-d5
Concen: 0.603 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion: 82 Resp: 6482

Ion	Ratio	Lower	Upper
82	100		
128	145.0	113.5	170.3
54	171.2	138.9	208.3



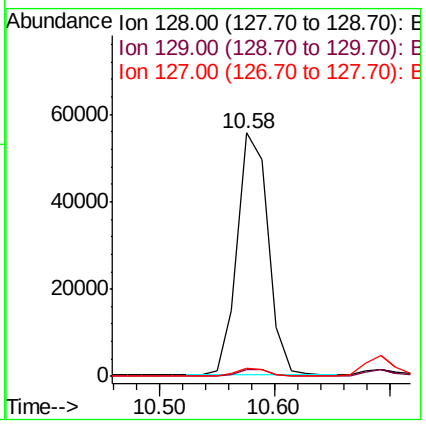


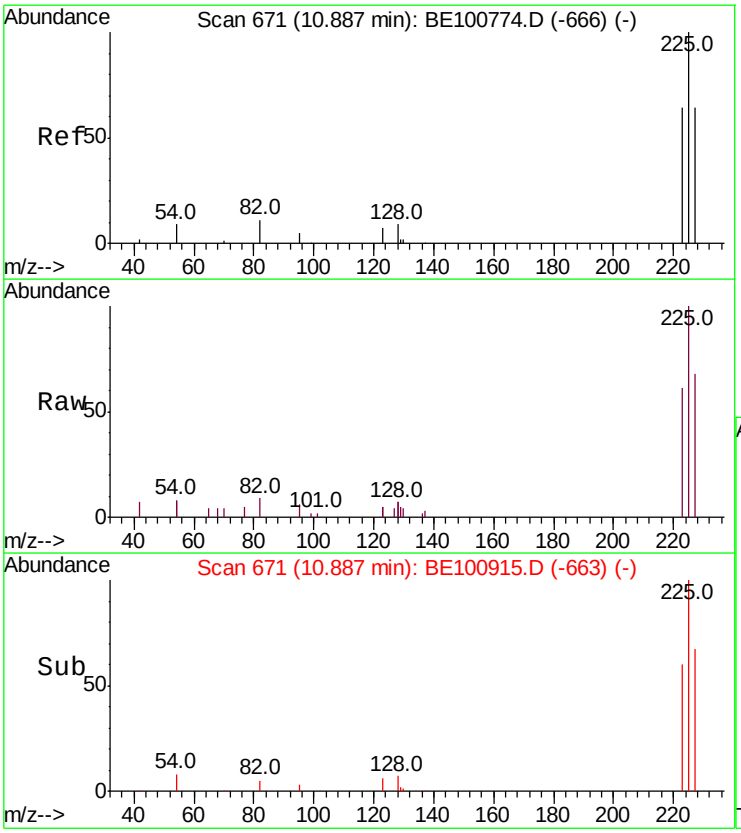
#9
Naphthalene
Concen: 0.431 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 103497

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.4	2.8	4.2

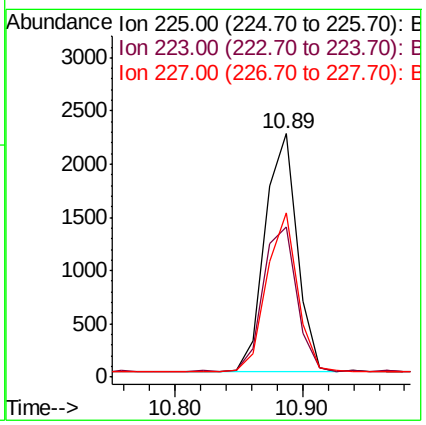


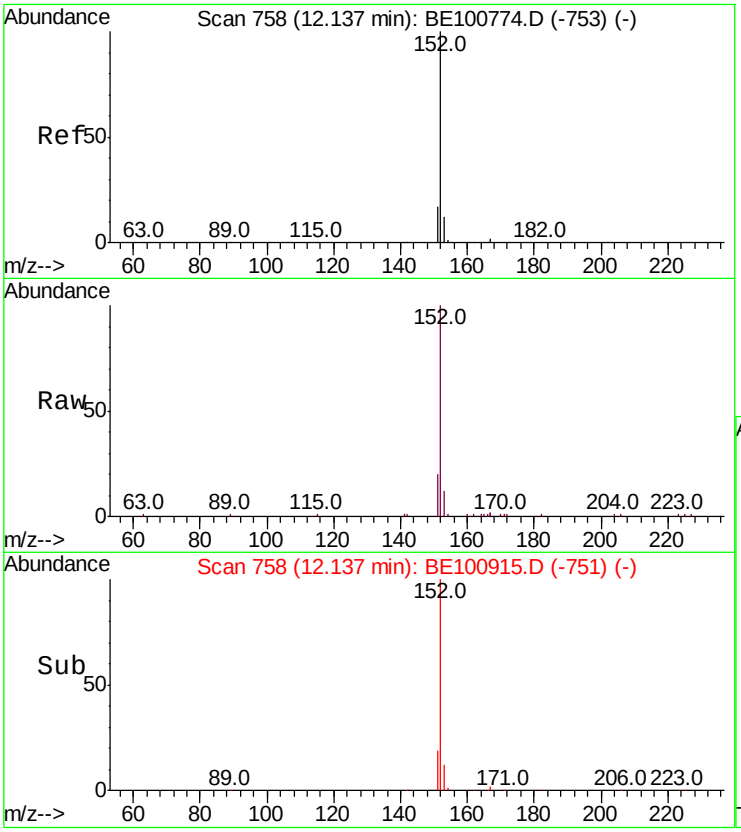


#10
Hexachlorobutadiene
Concen: 0.417 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:225 Resp: 3897

Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.1	78.1
227	63.7	51.1	76.7



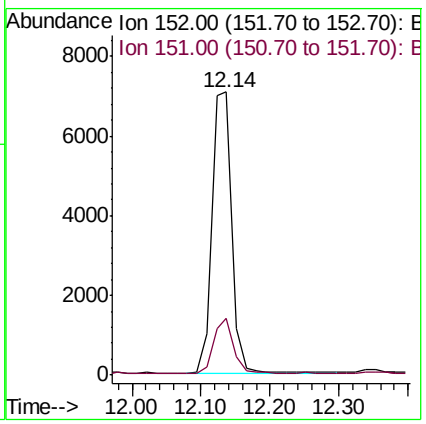


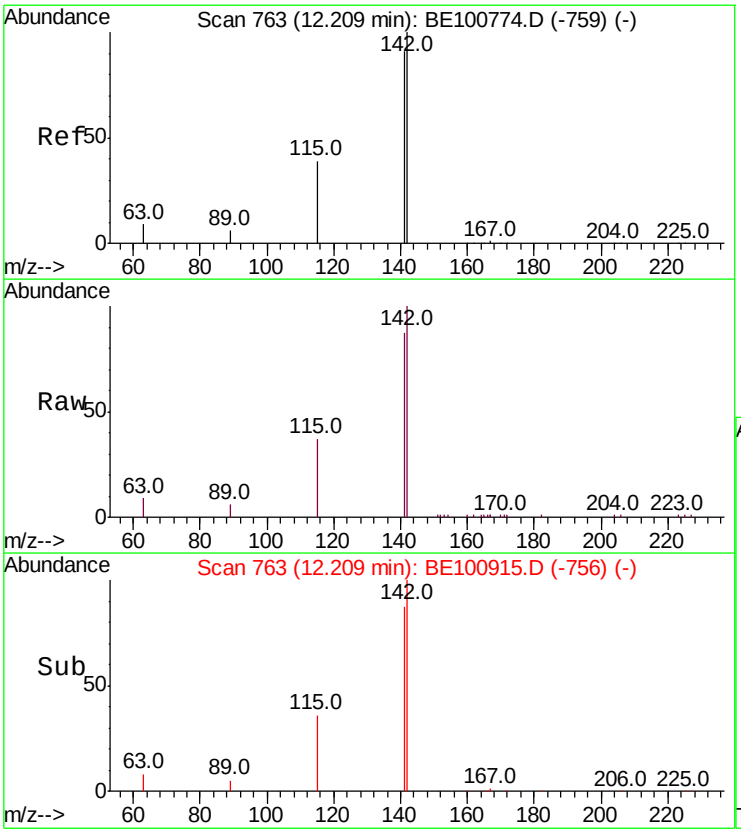
#11
2-Methylnaphthalene-d10
Concen: 0.433 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 14176

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7

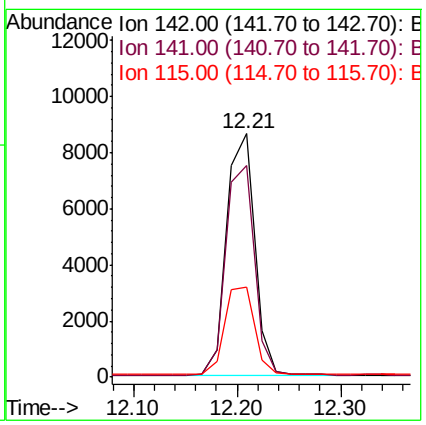


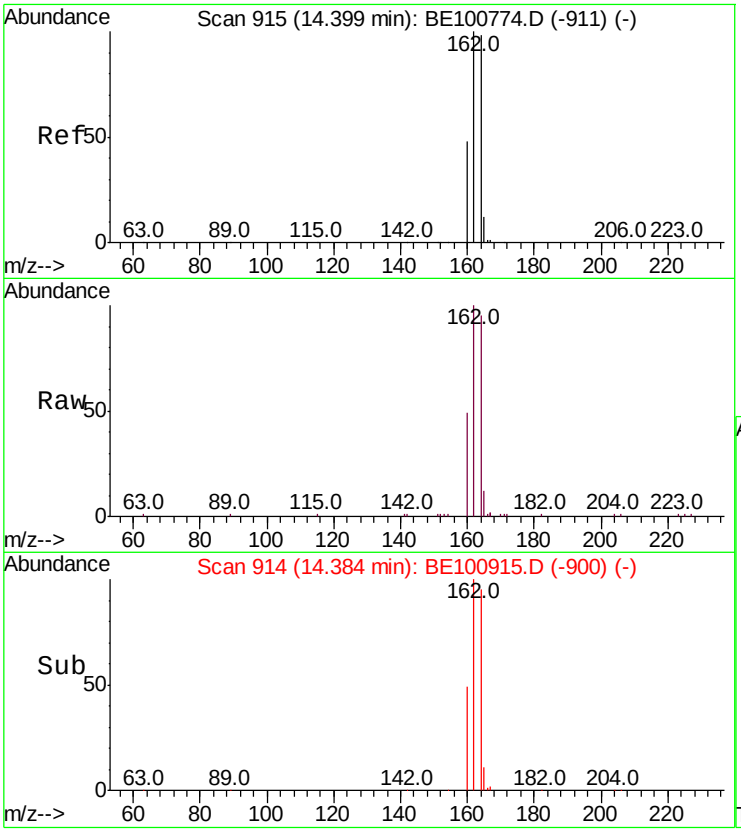


#12
2-Methylnaphthalene
Concen: 0.436 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:142 Resp: 16319

Ion	Ratio	Lower	Upper
142	100		
141	86.8	68.9	103.3
115	36.9	29.5	44.3



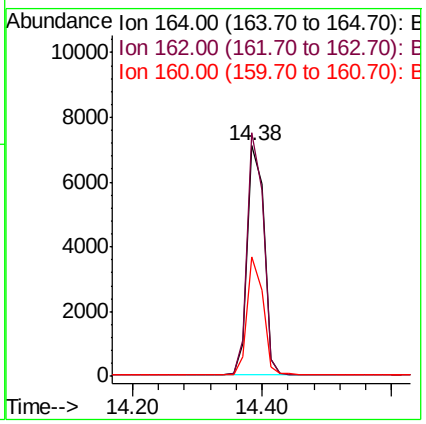


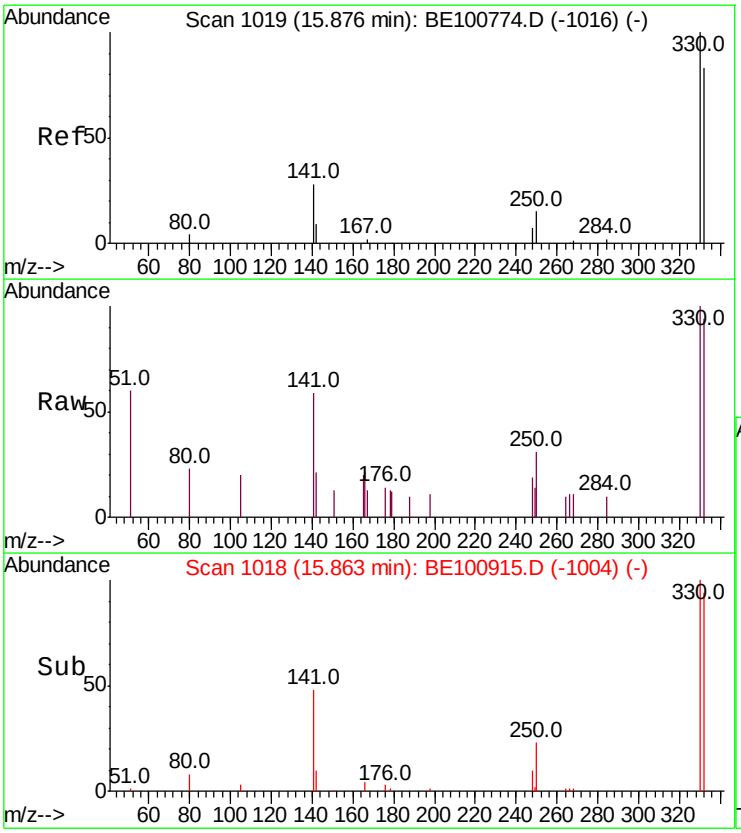
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 12532

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.0	129.0
160	51.7	42.3	63.5

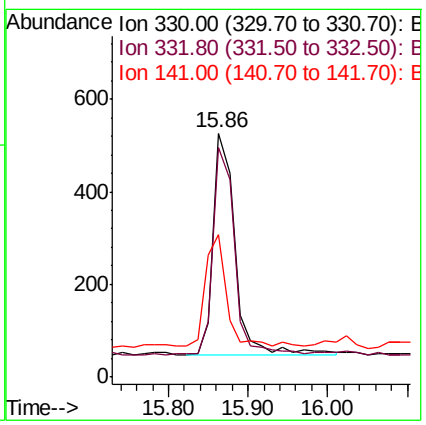


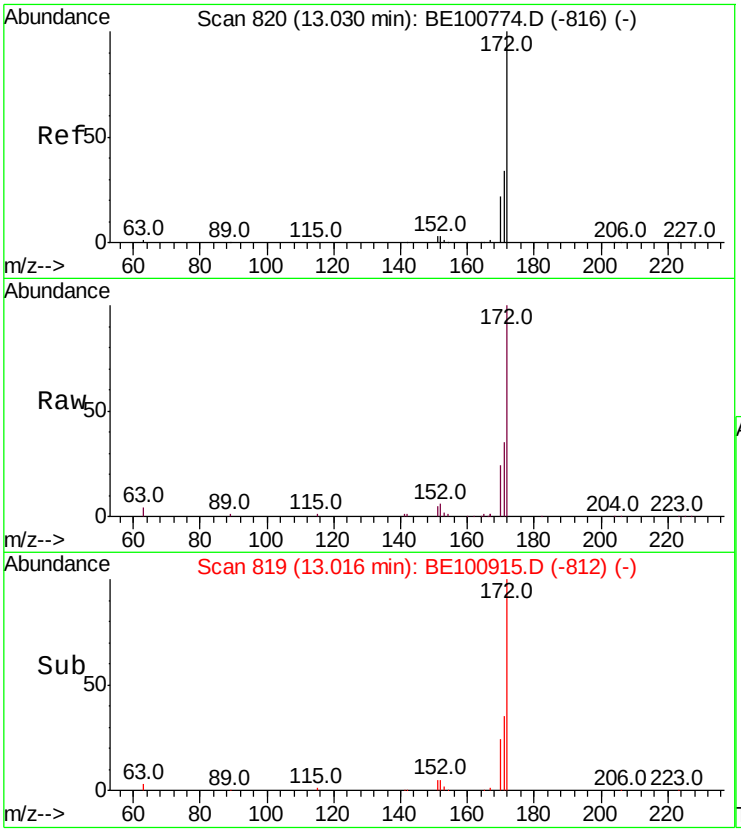


#14
2,4,6-Tribromophenol
Concen: 0.649 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:330 Resp: 904

Ion	Ratio	Lower	Upper
330	100		
332	92.9	74.1	111.1
141	48.5	46.7	70.1



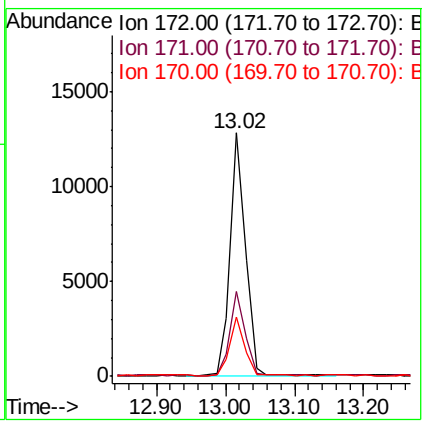


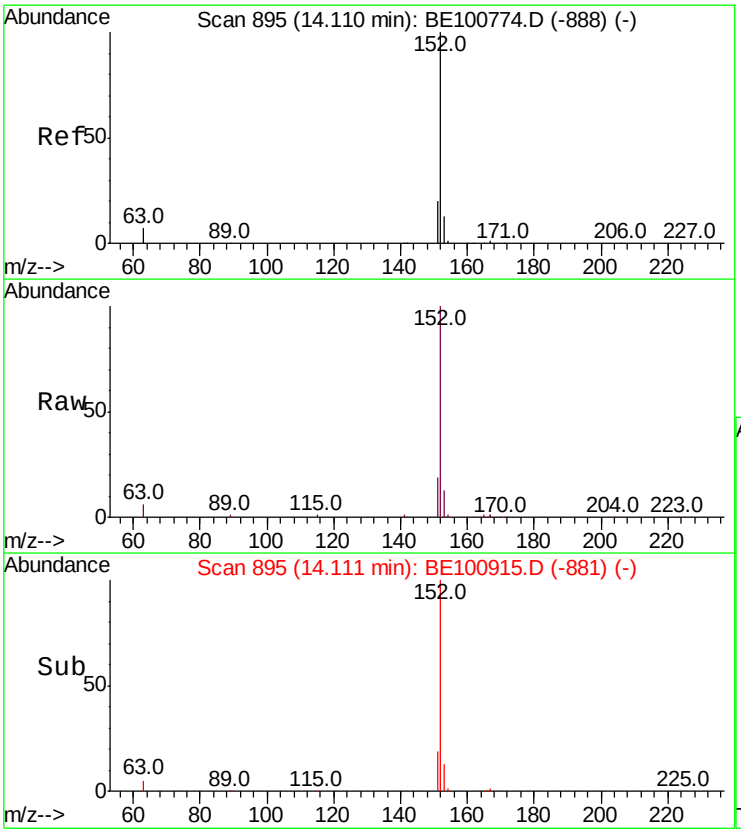
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 19422

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.4
170	24.4	19.4	29.0

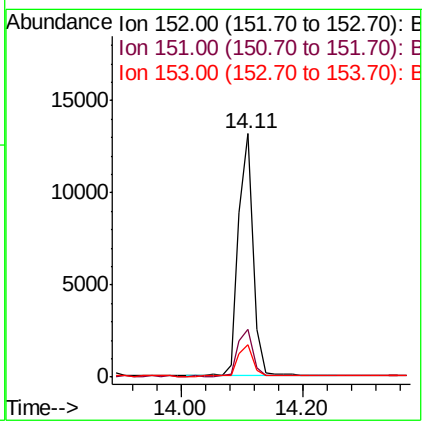


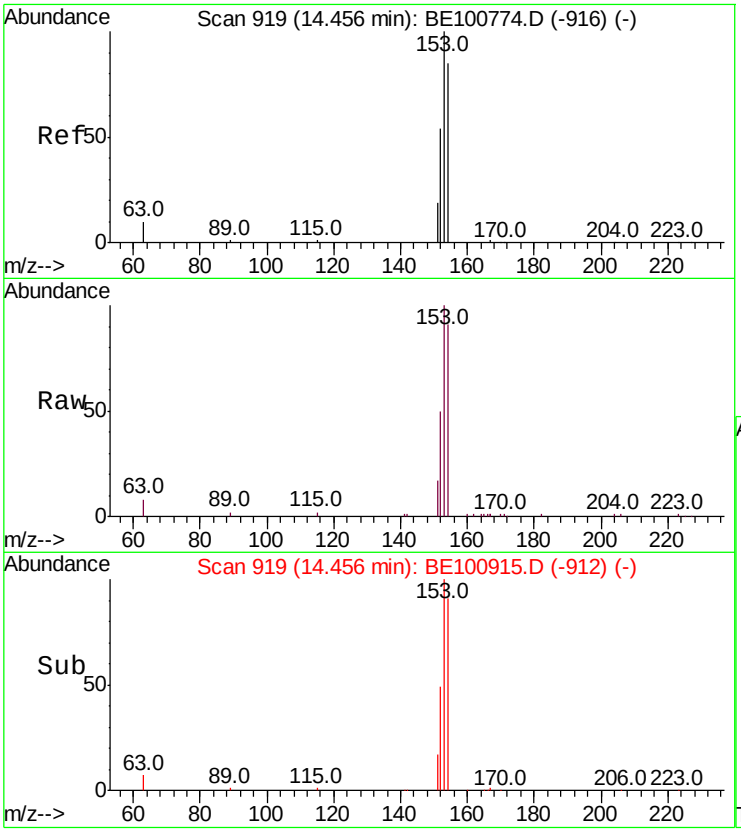


#16
Acenaphthylene
Concen: 0.433 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:152 Resp: 22424

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.1	10.5	15.7



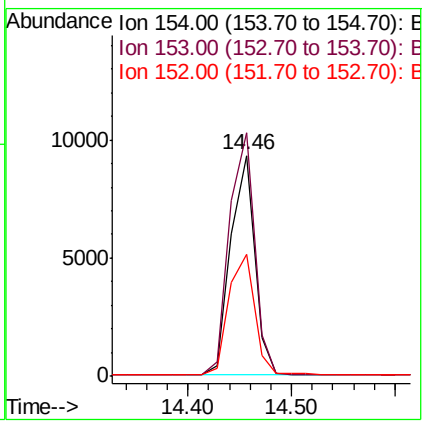


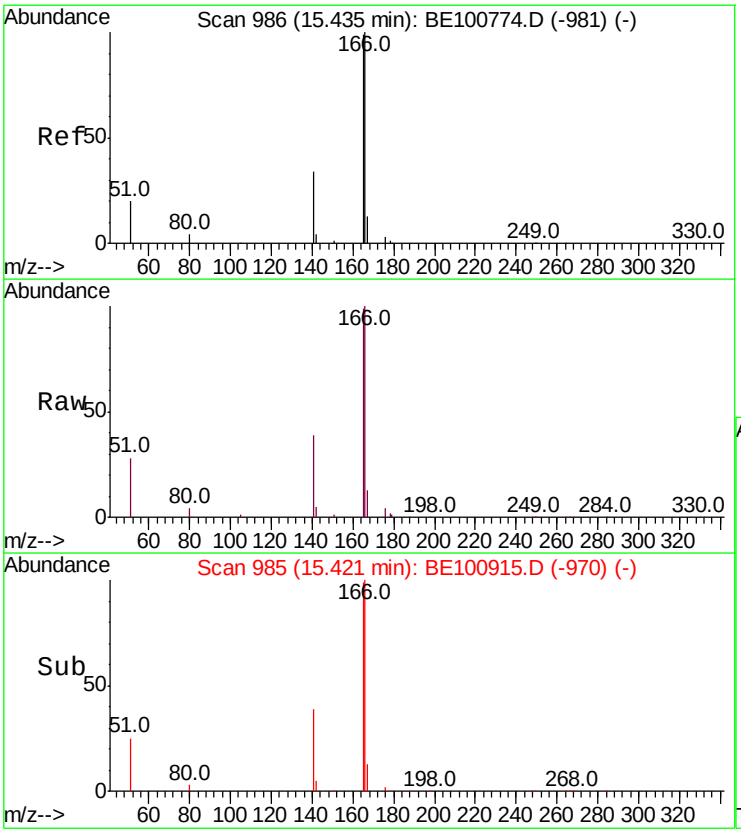
#17
Acenaphthene
Concen: 0.419 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 14982

Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.5	137.3
152	58.7	47.7	71.5

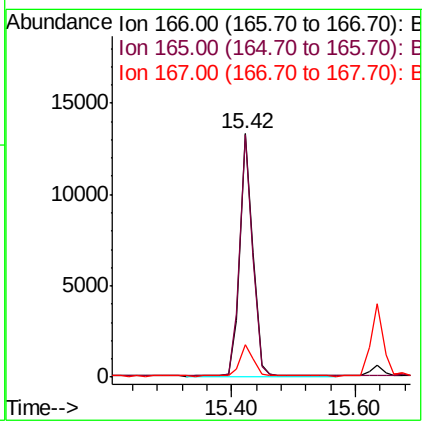


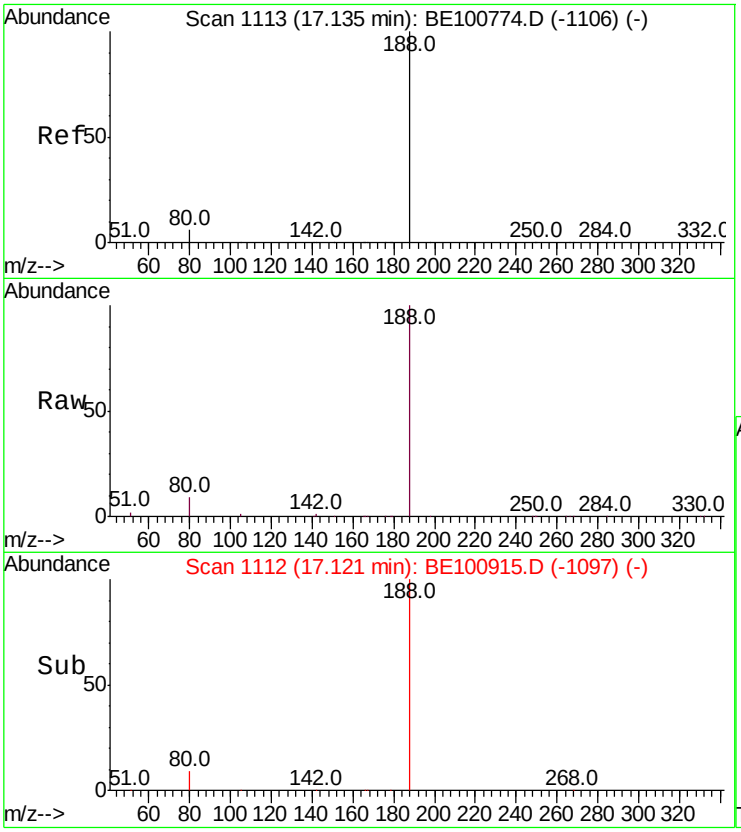


#18
Fluorene
Concen: 0.421 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:166 Resp: 19379

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.2	120.4
167	13.3	10.6	16.0



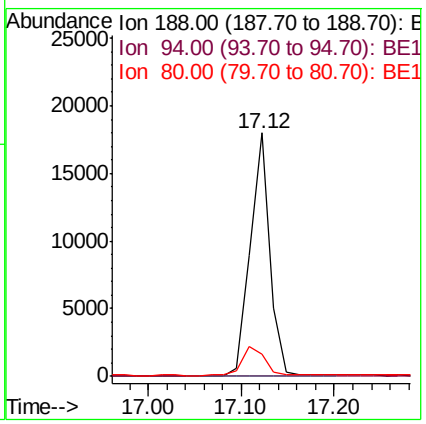


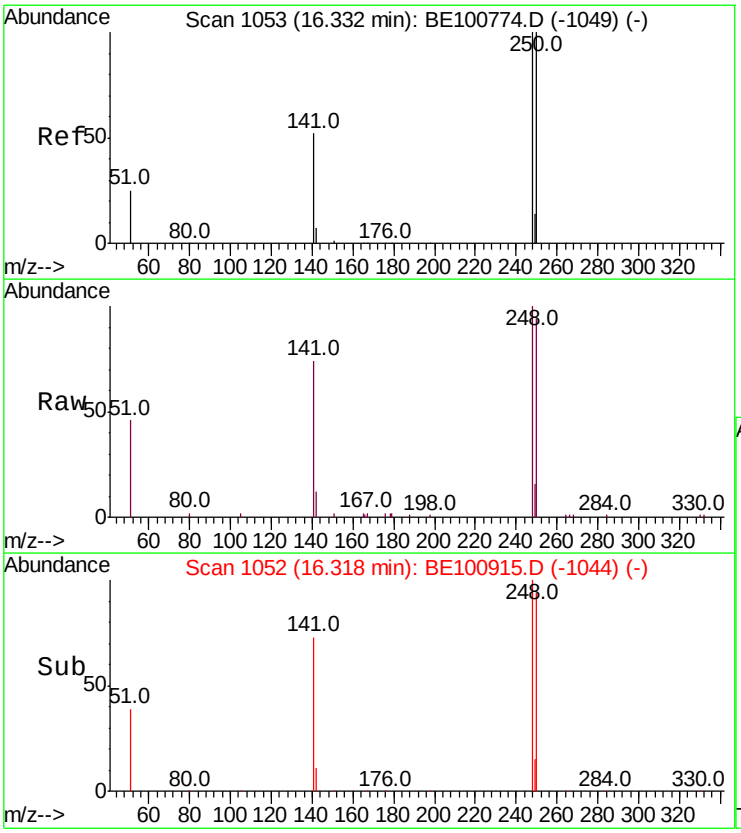
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 26489

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.9	11.9

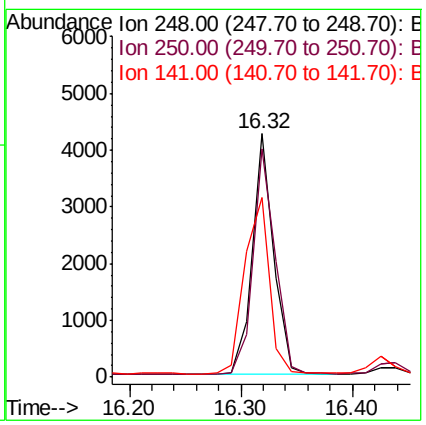


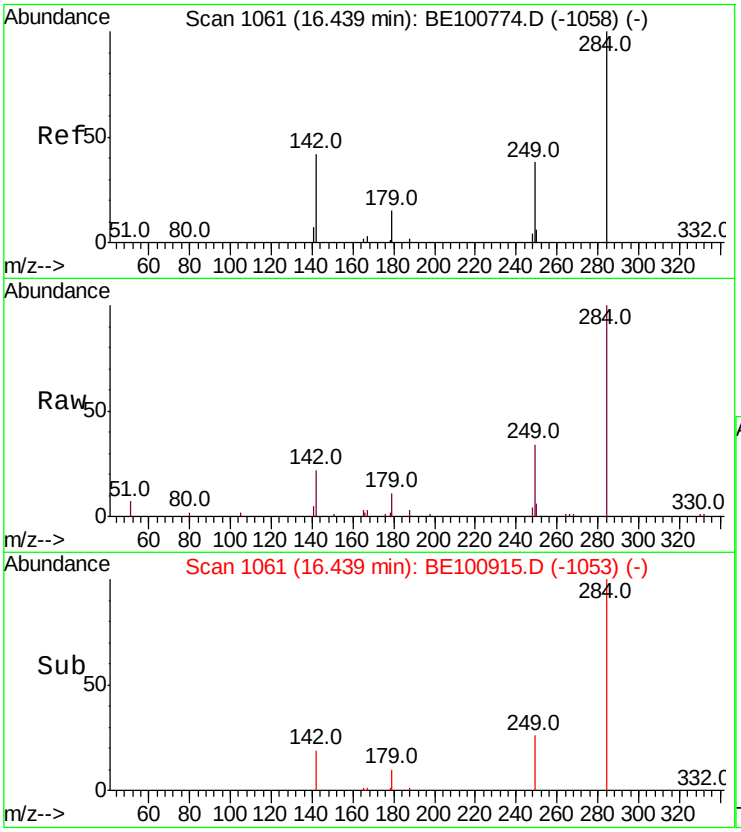


#20
4-Bromophenyl-phenylether
Concen: 0.434 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:248 Resp: 5643

Ion	Ratio	Lower	Upper
248	100		
250	93.6	72.4	108.6
141	73.7	68.2	102.2



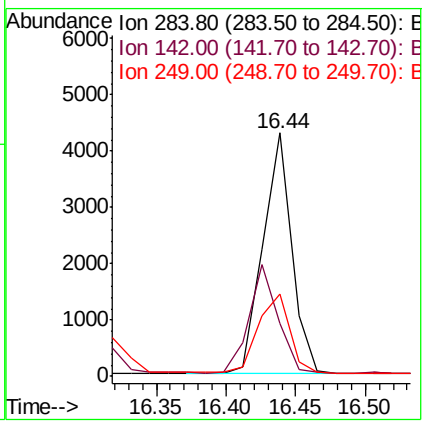


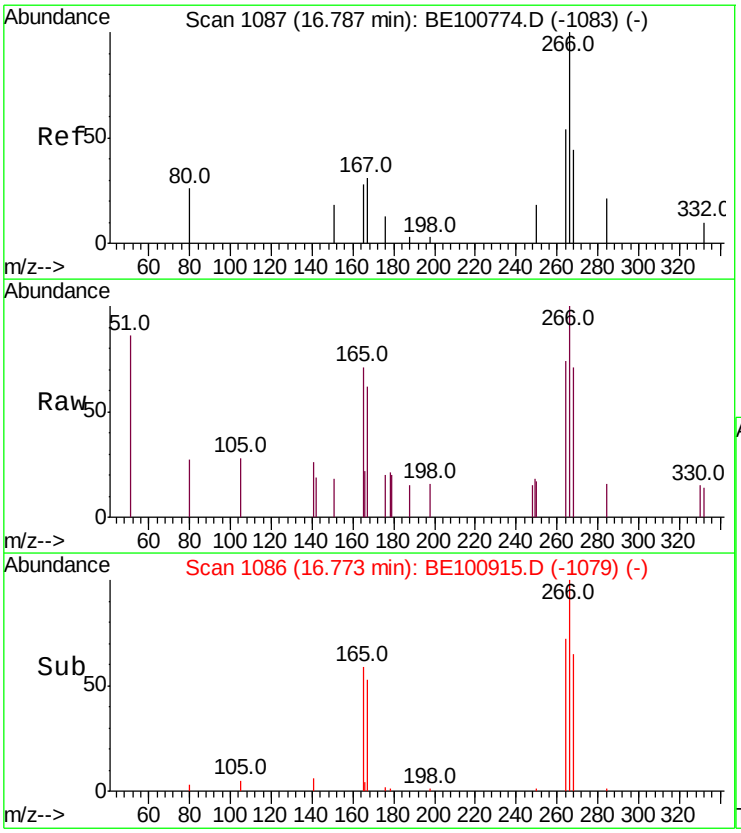
#21
Hexachlorobenzene
Concen: 0.435 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 6137

Ion	Ratio	Lower	Upper
284	100		
142	44.6	35.0	52.4
249	35.4	28.1	42.1

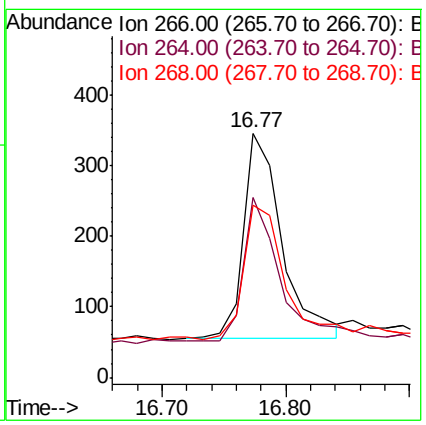


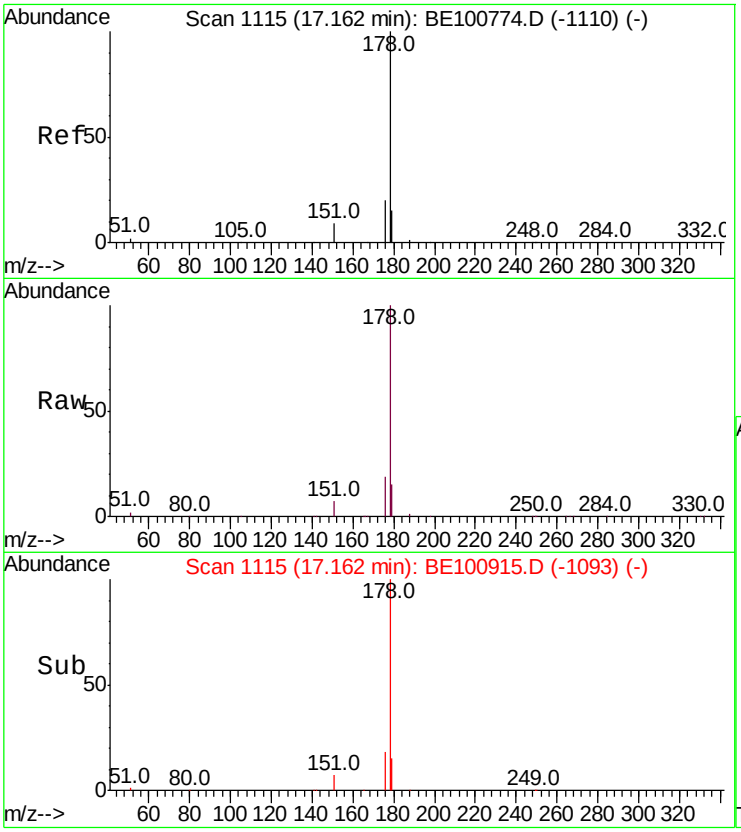


#22
Pentachlorophenol
Concen: 0.646 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:266 Resp: 631

Ion	Ratio	Lower	Upper
266	100		
264	74.0	55.1	82.7
268	70.5	50.7	76.1



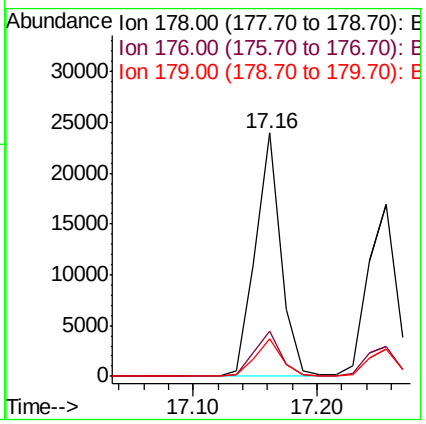


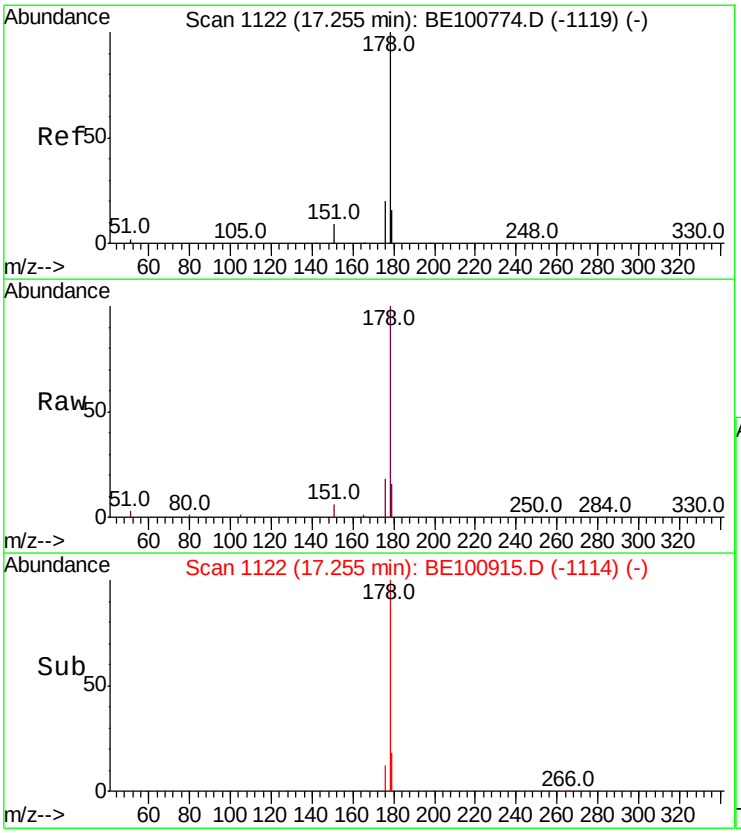
#23
Phenanthrene
Concen: 0.424 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 34020

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.2	11.9	17.9

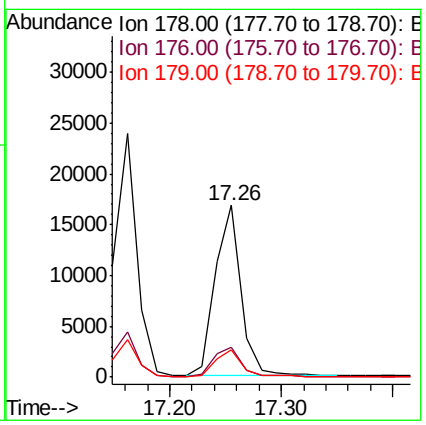


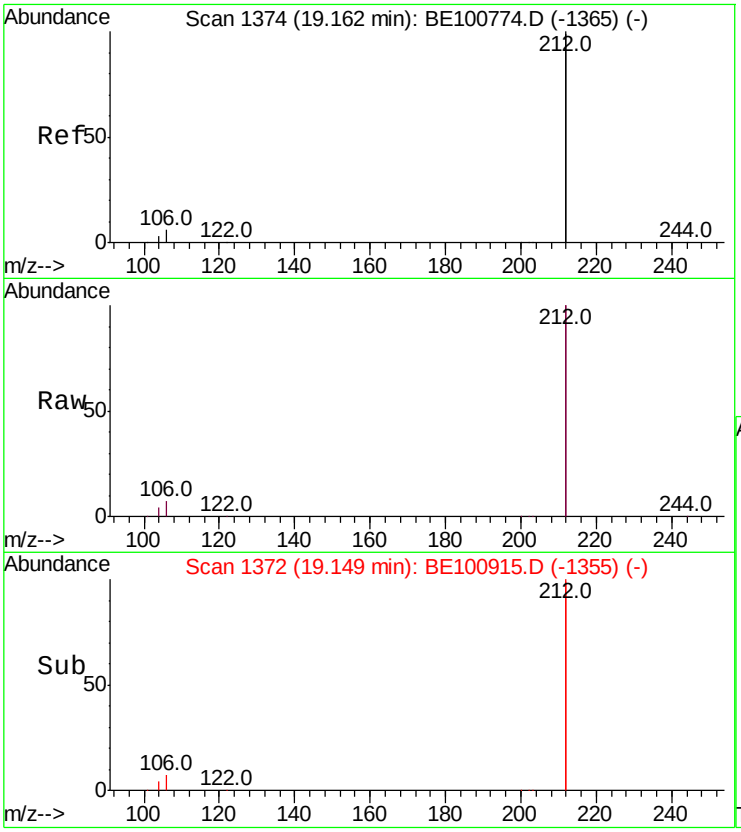


#24
Anthracene
Concen: 0.403 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:178 Resp: 27074

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.6	12.2	18.4



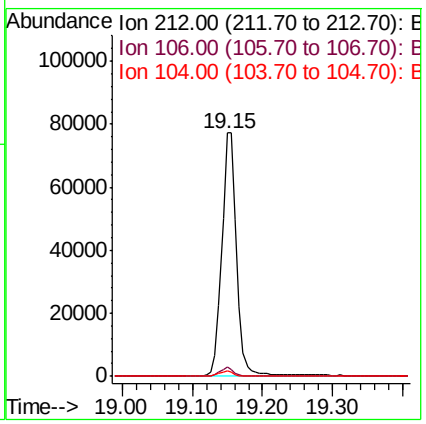


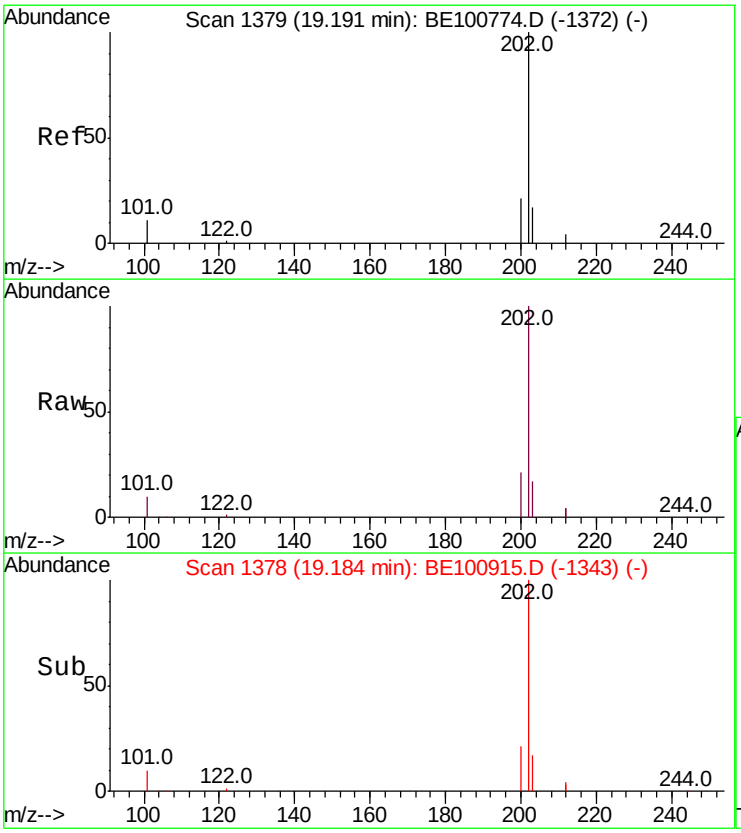
#25
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 111634

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.9	1.4	2.2

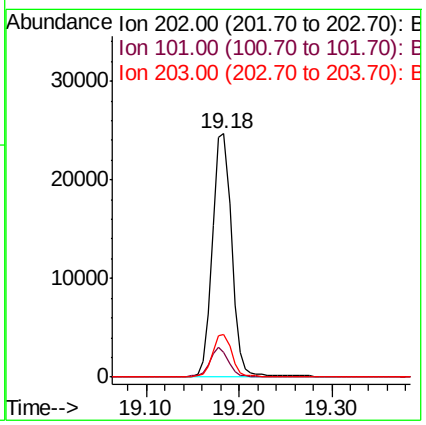


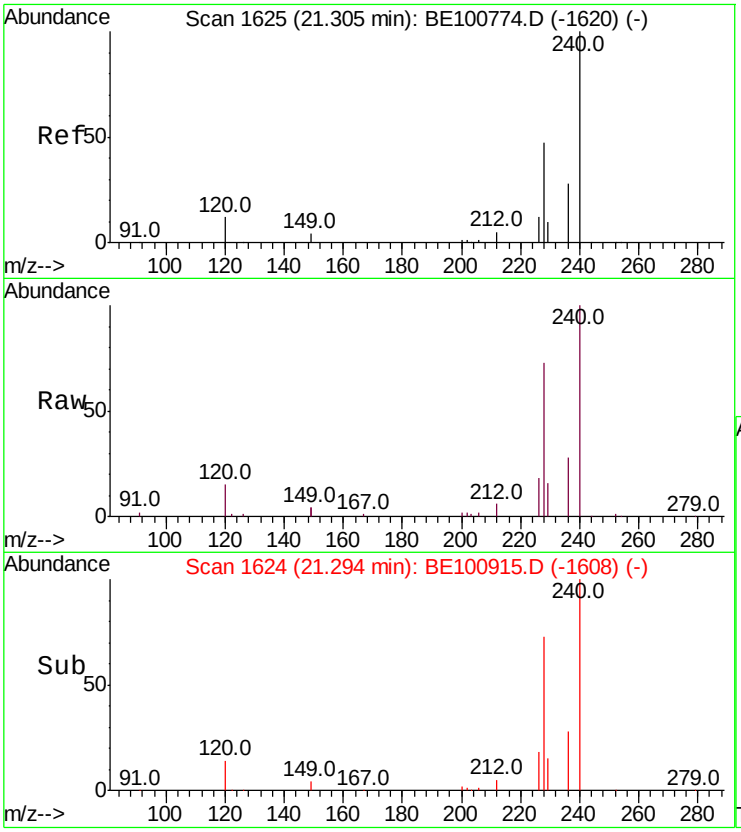


#26
Fluoranthene
Concen: 0.367 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:202 Resp: 35108

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.4	14.0
203	17.0	13.7	20.5



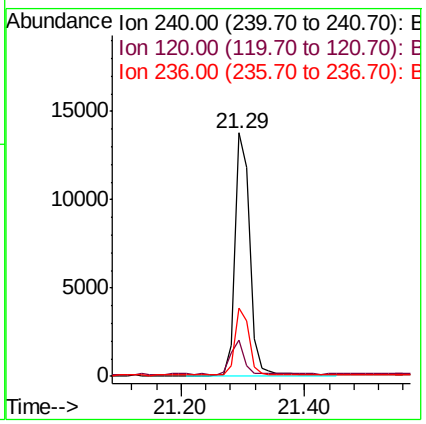


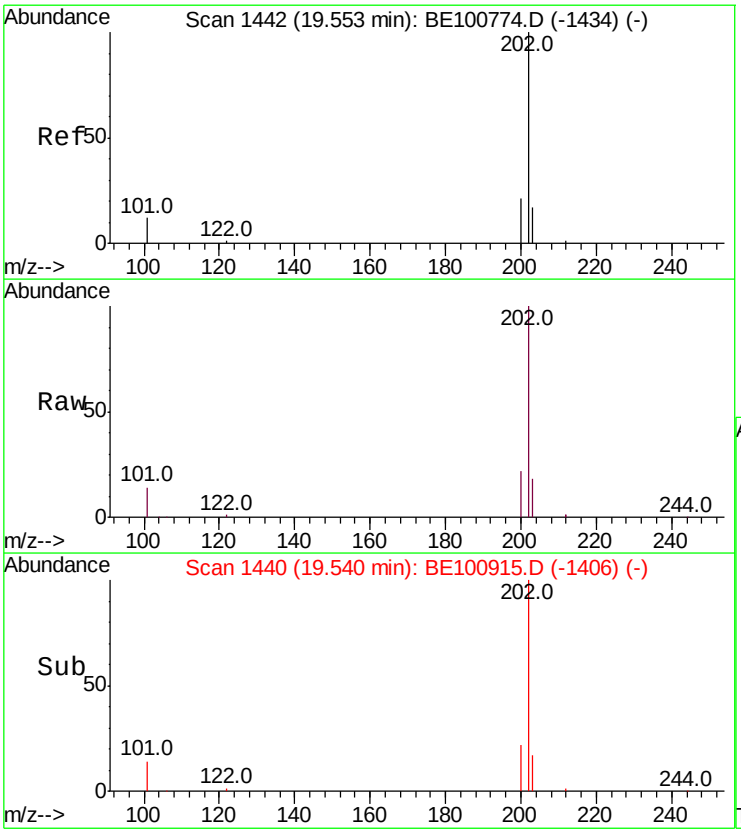
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 22273

Ion	Ratio	Lower	Upper
240	100		
120	14.9	4.0	6.0#
236	28.2	21.6	32.4

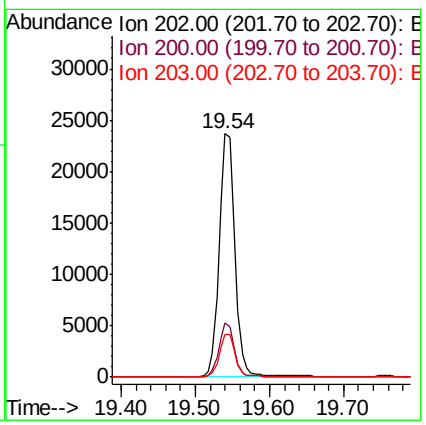


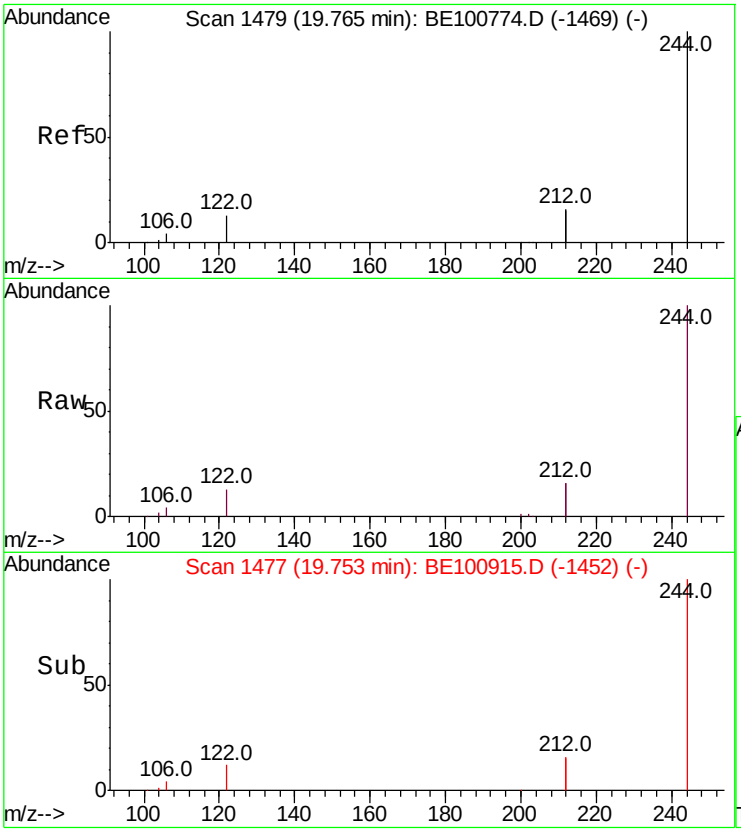


#28
Pyrene
Concen: 0.479 ng
RT: 19.54 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:202 Resp: 34674

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.4	13.8	20.8



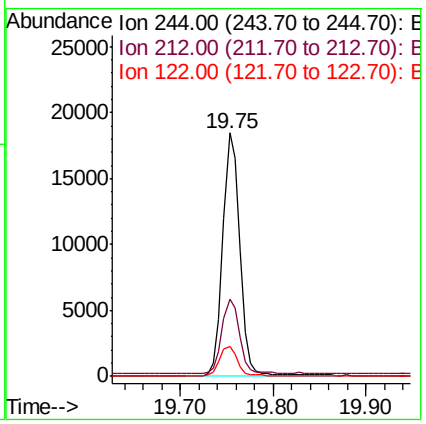


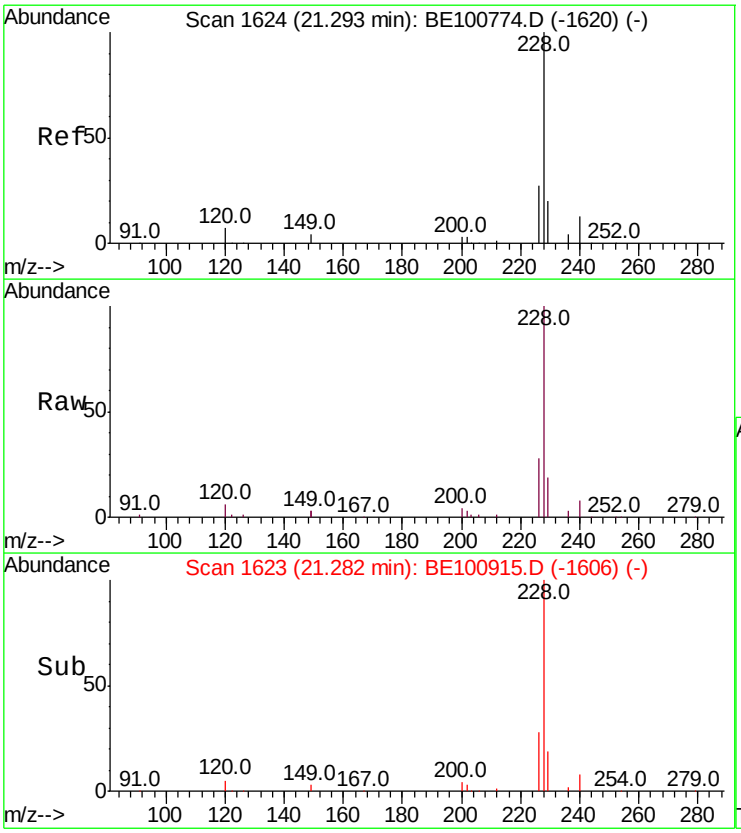
#29
Terphenyl-d14
Concen: 0.435 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 23187

Ion	Ratio	Lower	Upper
244	100		
212	31.7	25.2	37.8
122	12.5	8.9	13.3

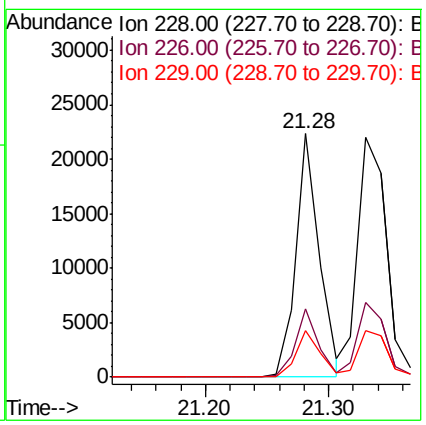


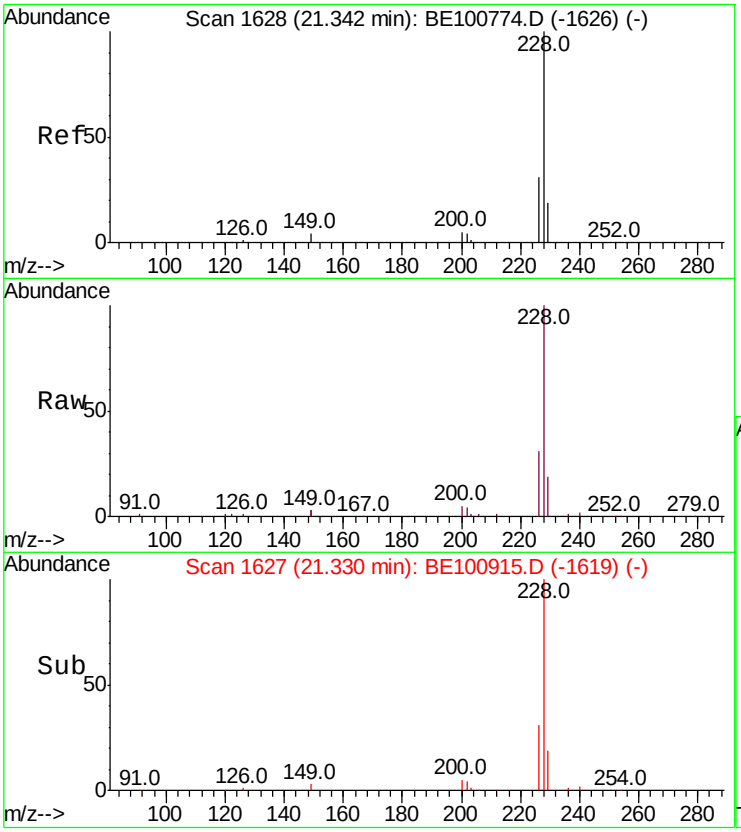


#30
Benzo(a)anthracene
Concen: 0.444 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:228 Resp: 29156

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.4	32.0
229	19.1	15.8	23.6



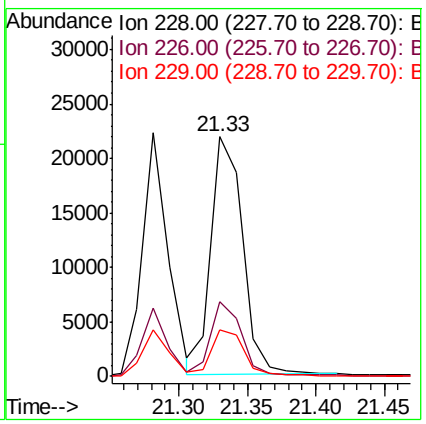


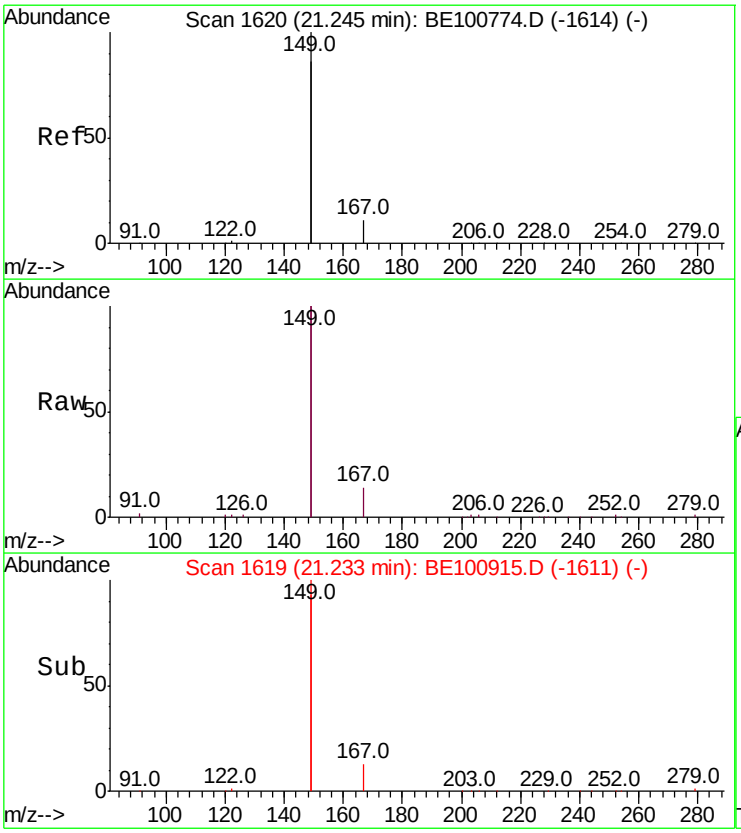
#31
Chrysene
Concen: 0.455 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 35112

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.3	37.9
229	19.3	15.2	22.8

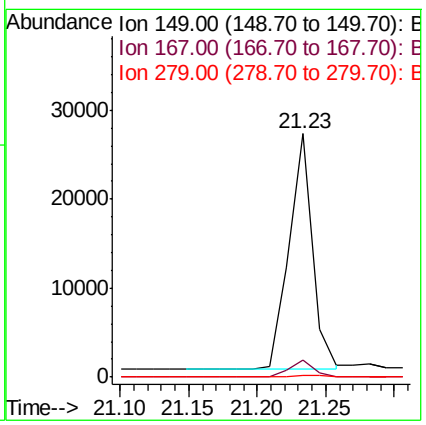


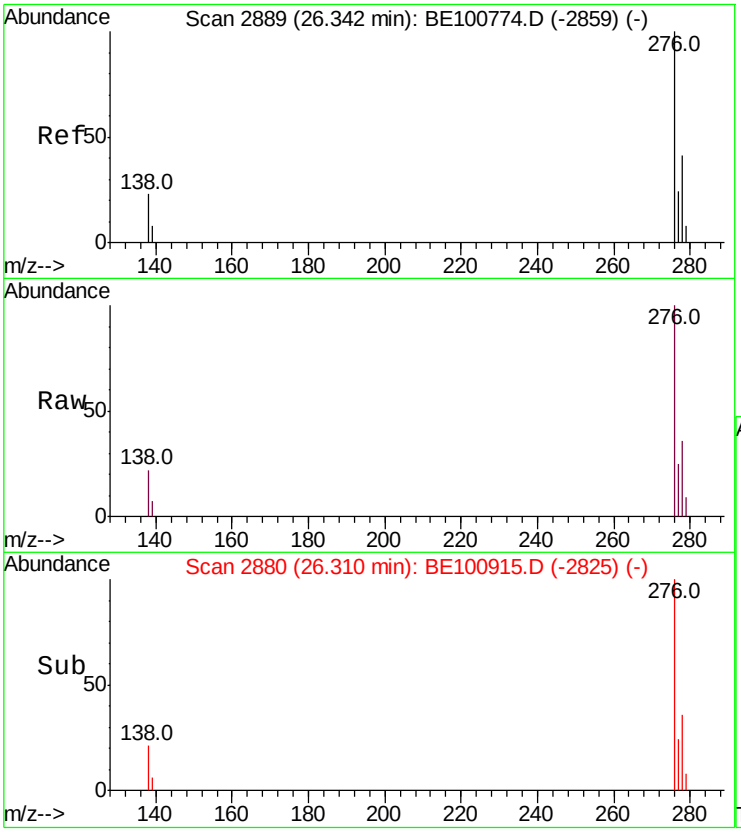


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.673 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:149 Resp: 31639

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.4
279	0.8	0.6	1.0



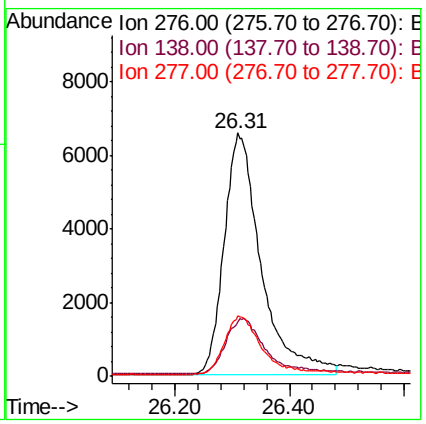


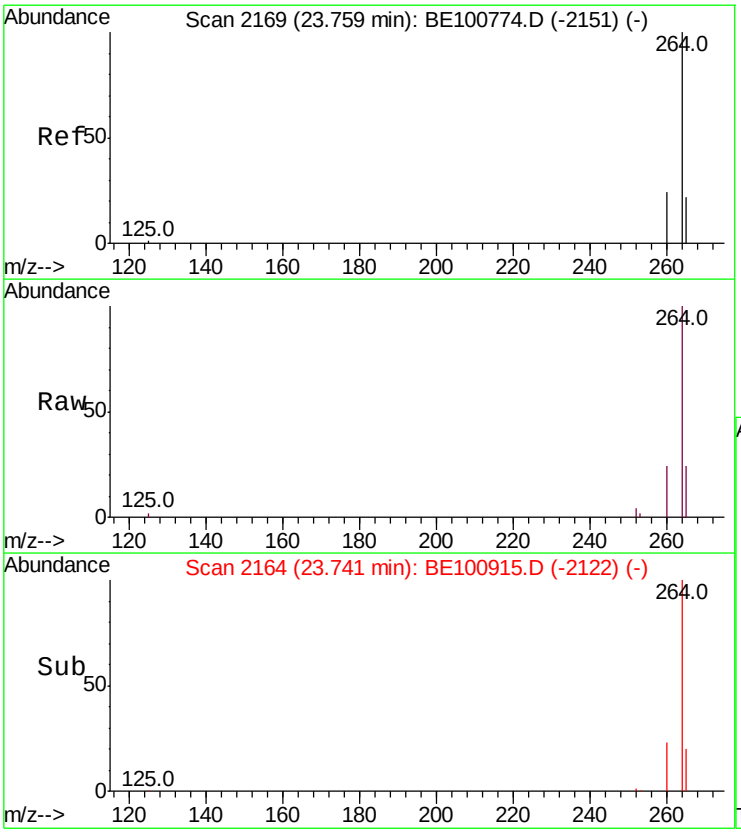
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng
RT: 26.31 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 29338

Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.4	27.6
277	24.2	19.4	29.2

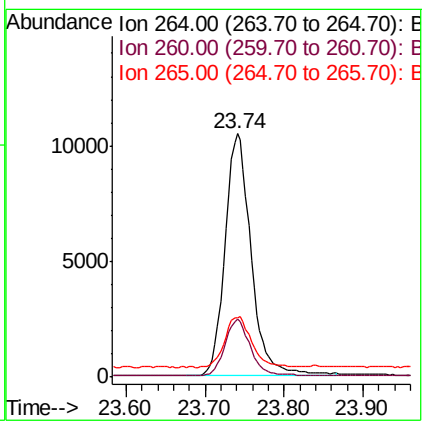


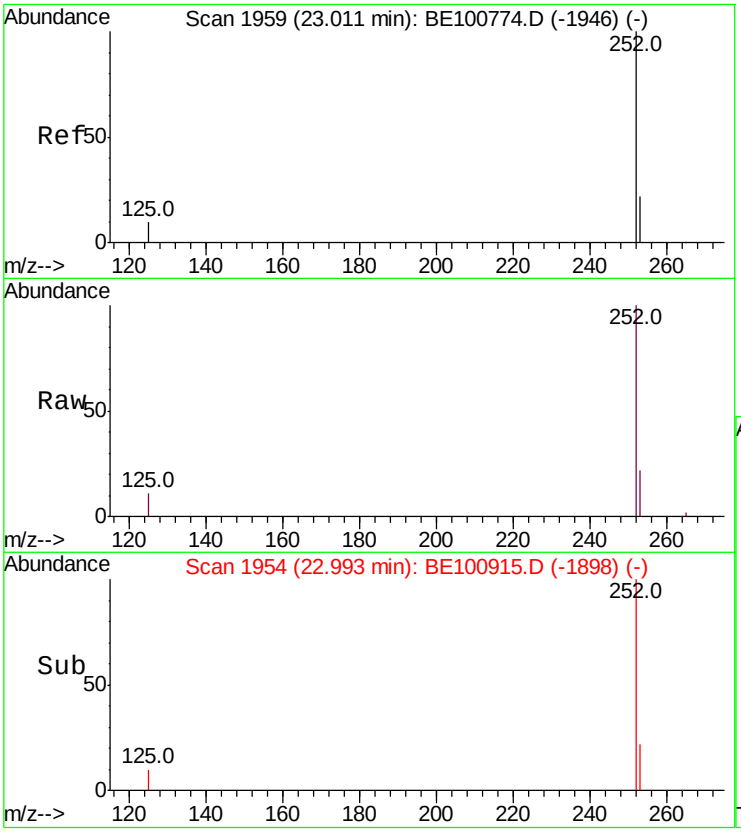


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:264 Resp: 24123

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	24.3	20.1	30.1



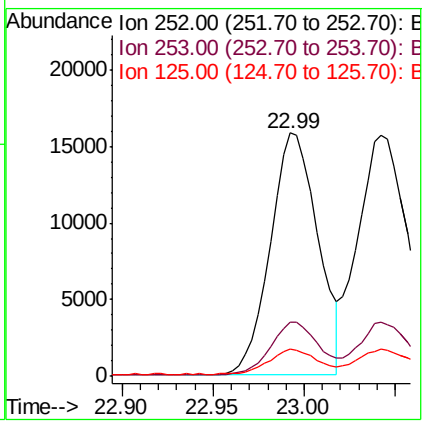


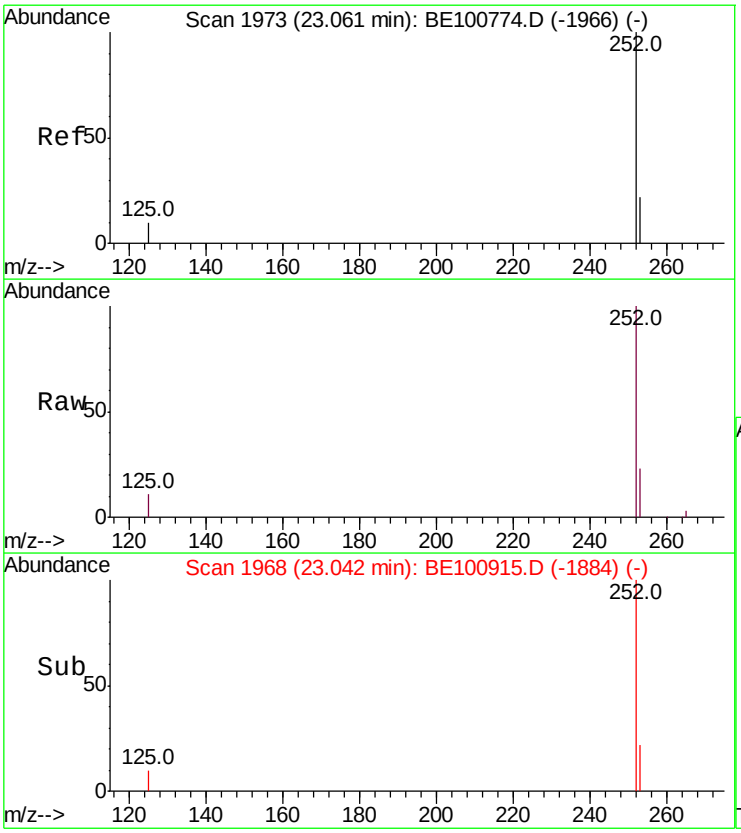
#35
Benzo(b)fluoranthene
Concen: 0.433 ng
RT: 22.99 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 28583

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.1	8.3	12.5

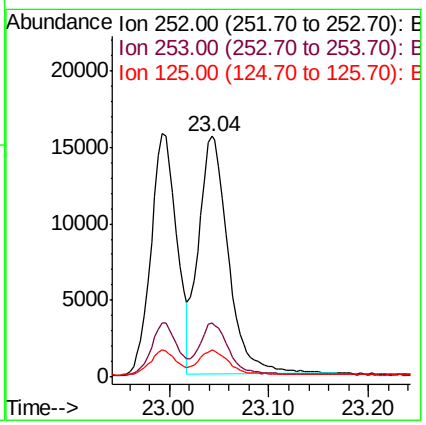


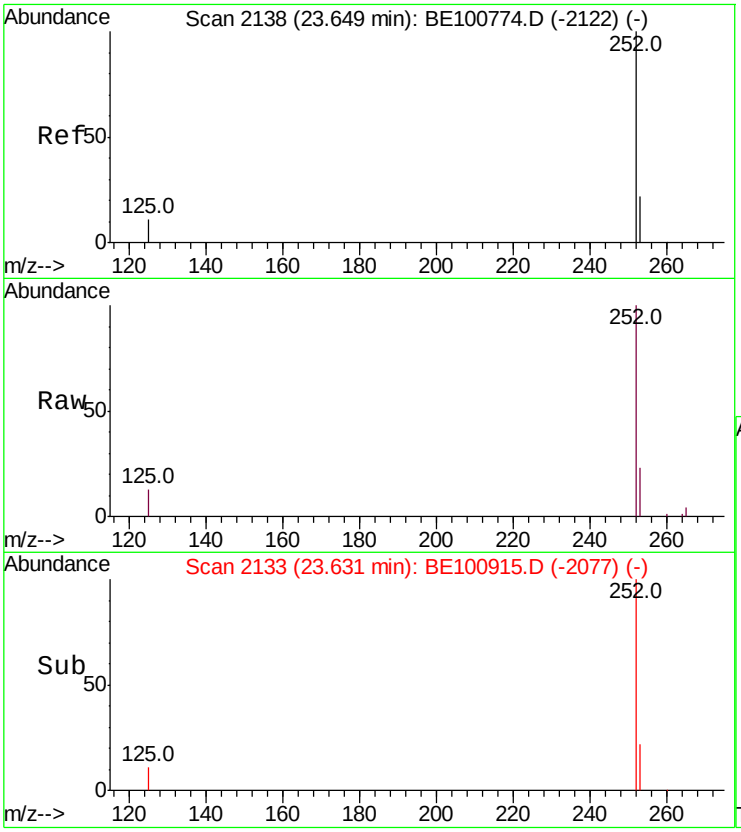


#36
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 23.04 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:252 Resp: 32357

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.3	9.4	14.0



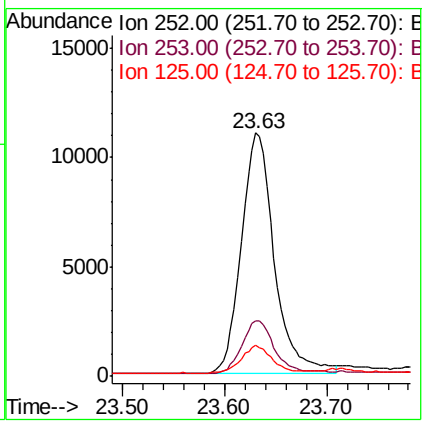


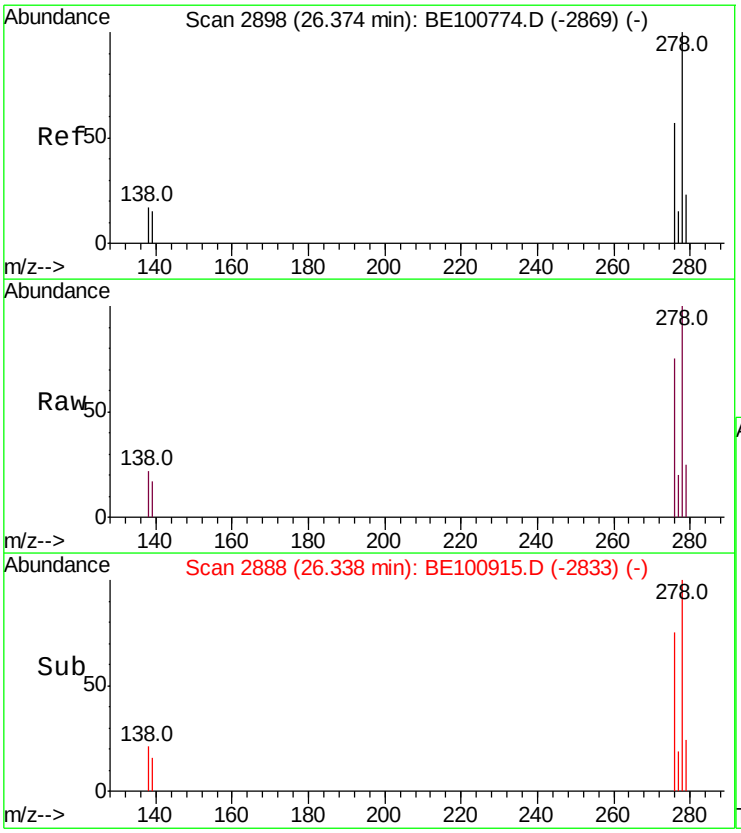
#37
Benzo(a)pyrene
Concen: 0.435 ng
RT: 23.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 24863

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.6	9.9	14.9

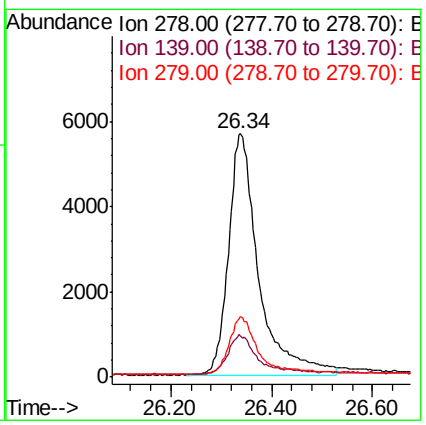


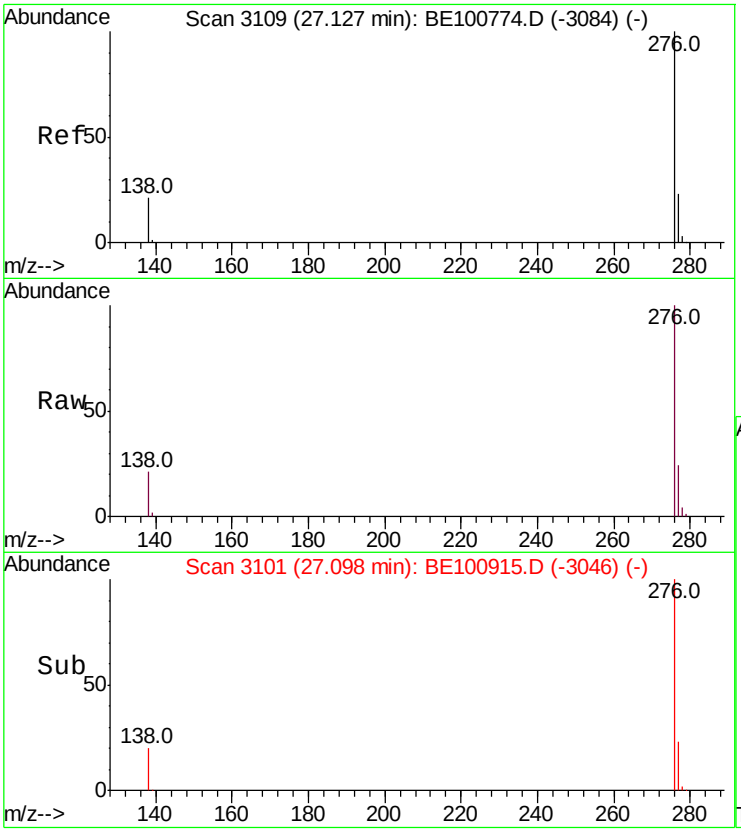


#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 26.34 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:278 Resp: 23497

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.8	20.6
279	25.1	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.424 ng
RT: 27.10 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 25785

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.7	29.5
138	20.8	18.0	27.0