Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
Data File : BE100823.D
Acq On : 10 Dec 2019 23:17
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 11 05:41:59 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	6235	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	30079	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	17136	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	35779	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	31508	0.40	ng		0.00
34) Perylene-d12	23.75	264	39676	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	6820	0.46	ng		0.00
5) Phenol-d6	6.93	99	10503	0.47	ng		0.00
8) Nitrobenzene-d5	8.90	82	7496	0.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	17017	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1113	0.58	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	24947	0.37	ng		-0.01
25) Fluoranthene-d10	19.16	212	136923	0.32	ng		0.00
29) Terphenyl-d14	19.76	244	29469	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	3959	0.348	ng		96
3) n-Nitrosodimethylamine	3.65	42	3305	0.357	ng	#	88
6) bis(2-Chloroethyl)ether	7.19	93	8249	0.382	ng		100
9) Naphthalene	10.59	128	123077	0.385	ng		100
10) Hexachlorobutadiene	10.89	225	4683	0.376	ng		99
12) 2-Methylnaphthalene	12.21	142	19454	0.390	ng		95
16) Acenaphthylene	14.11	152	25901	0.365	ng		99
17) Acenaphthene	14.46	154	18577	0.380	ng		98
18) Fluorene	15.42	166	23160	0.368	ng		98
20) 4-Bromophenyl-phenylether	16.32	248	6663	0.380	ng	#	65
21) Hexachlorobenzene	16.44	284	7347	0.385	ng		99
22) Pentachlorophenol	16.79	266	673	0.510	ng		85
23) Phenanthrene	17.16	178	41142	0.380	ng		100
24) Anthracene	17.26	178	32445	0.358	ng		99
26) Fluoranthene	19.19	202	42111	0.326	ng		100
28) Pyrene	19.55	202	41294	0.403	ng		100
30) Benzo(a)anthracene	21.28	228	36830	0.397	ng		97
31) Chrysene	21.34	228	41065	0.376	ng		97
32) Bis(2-ethylhexyl)phthalate	21.23	149	37510	0.572	ng		100
33) Indeno(1,2,3-cd)pyrene	26.32	276	42252	0.444	ng		99
35) Benzo(b)fluoranthene	23.00	252	36999	0.341	ng		99
36) Benzo(k)fluoranthene	23.05	252	42242	0.347	ng		98
37) Benzo(a)pyrene	23.64	252	32611	0.347	ng		99
38) Dibenzo(a,h)anthracene	26.35	278	34280	0.366	ng		99
39) Benzo(g,h,i)perylene	27.10	276	36164	0.361	ng		99

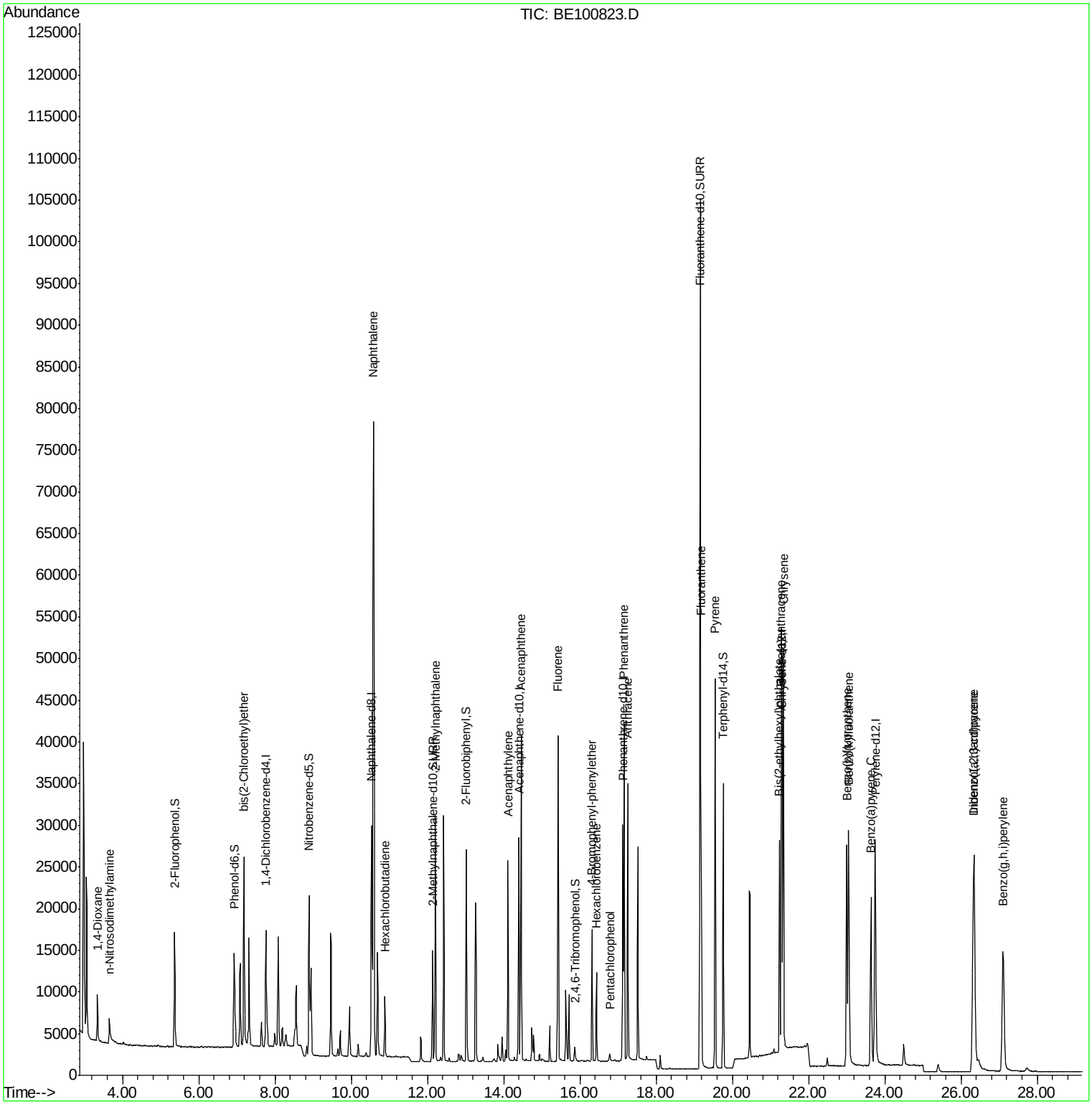
(#) = qualifier out of range (m) = manual integration (+) = signals summed

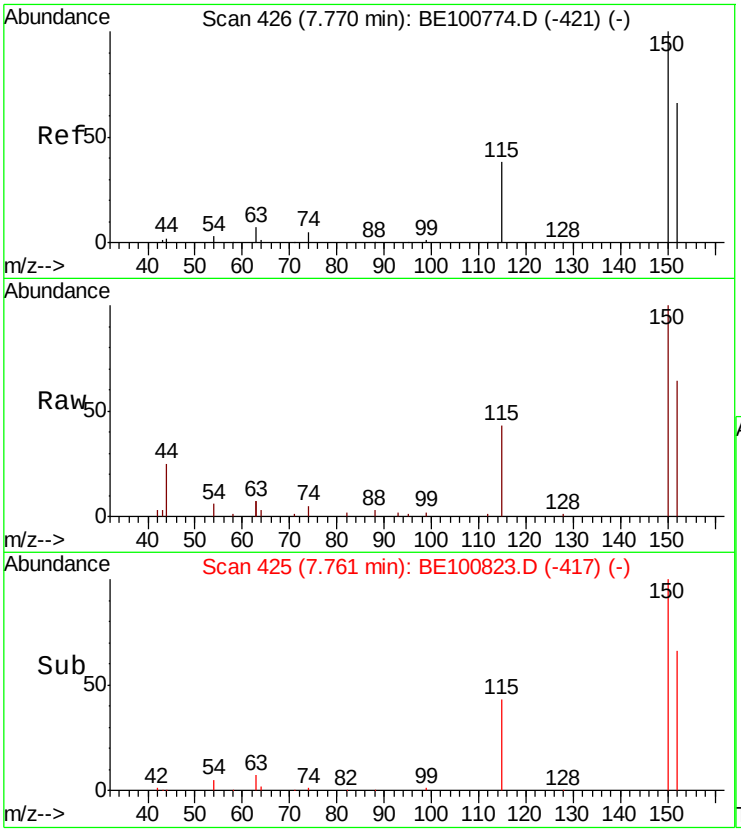
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
Data File : BE100823.D
Acq On : 10 Dec 2019 23:17
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 11 05:41:59 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



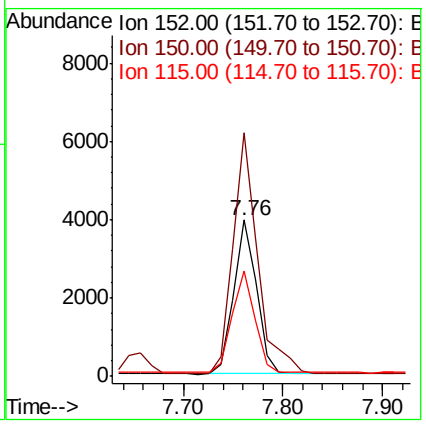


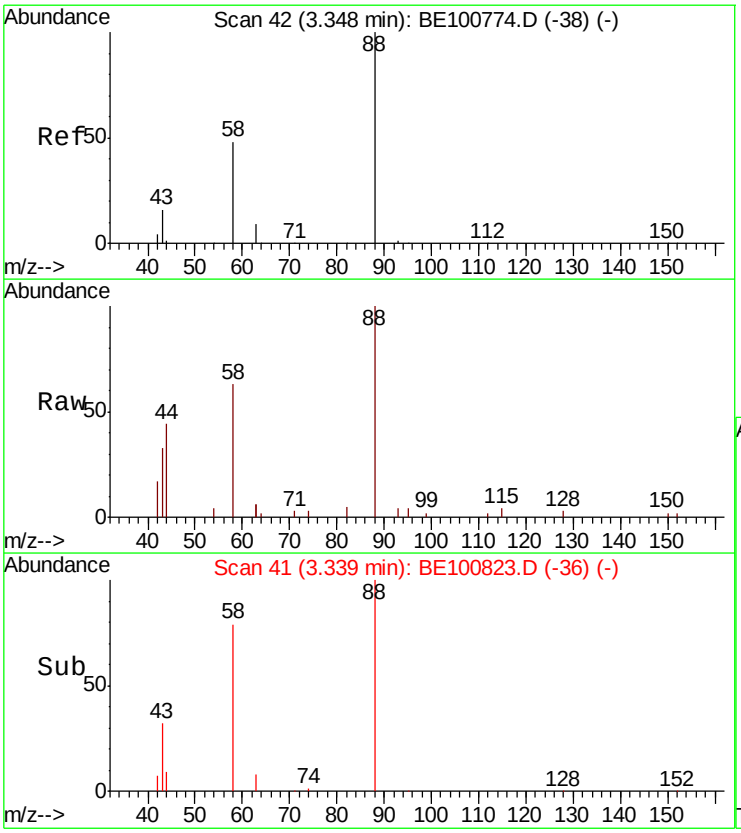
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6235

Ion	Ratio	Lower	Upper
152	100		
150	155.6	120.6	181.0
115	67.0	47.4	71.2

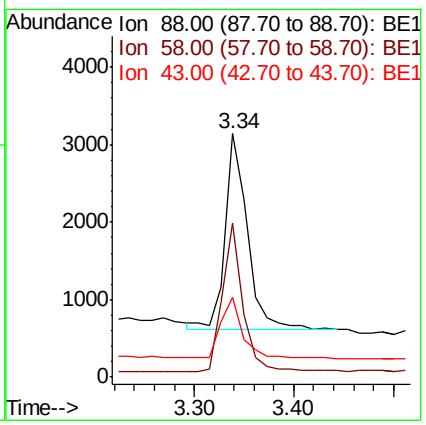


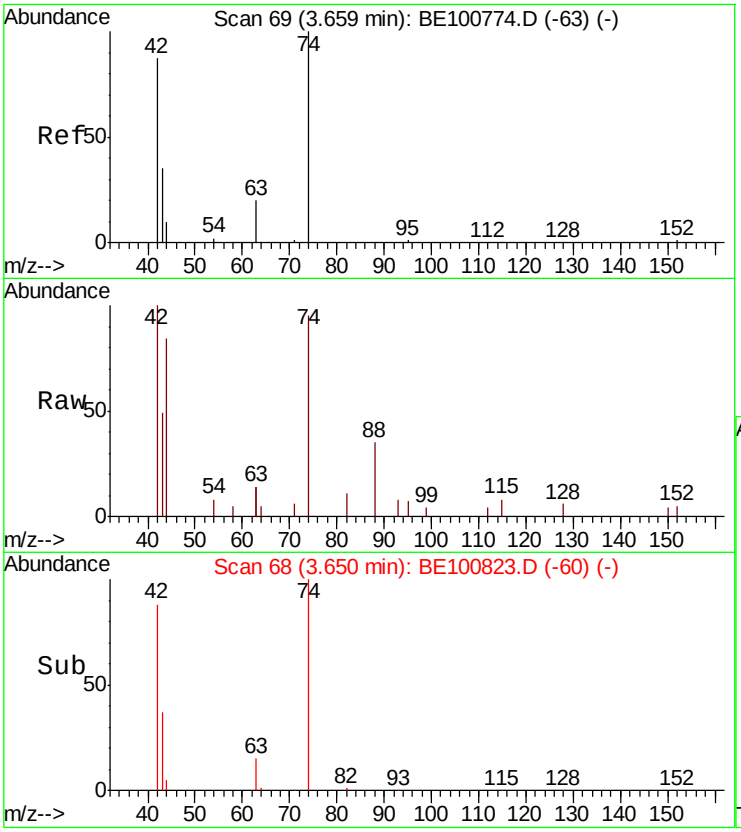


#2
1,4-Dioxane
Concen: 0.348 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion: 88 Resp: 3959

Ion	Ratio	Lower	Upper
88	100		
58	69.0	52.5	78.7
43	30.4	23.0	34.6



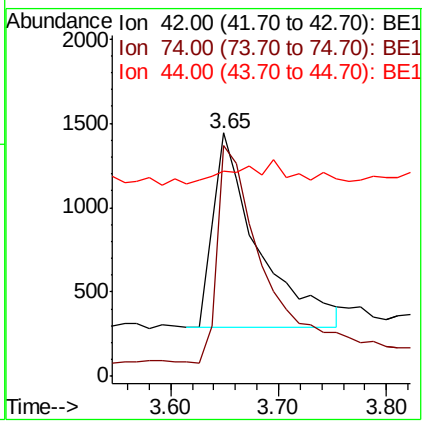


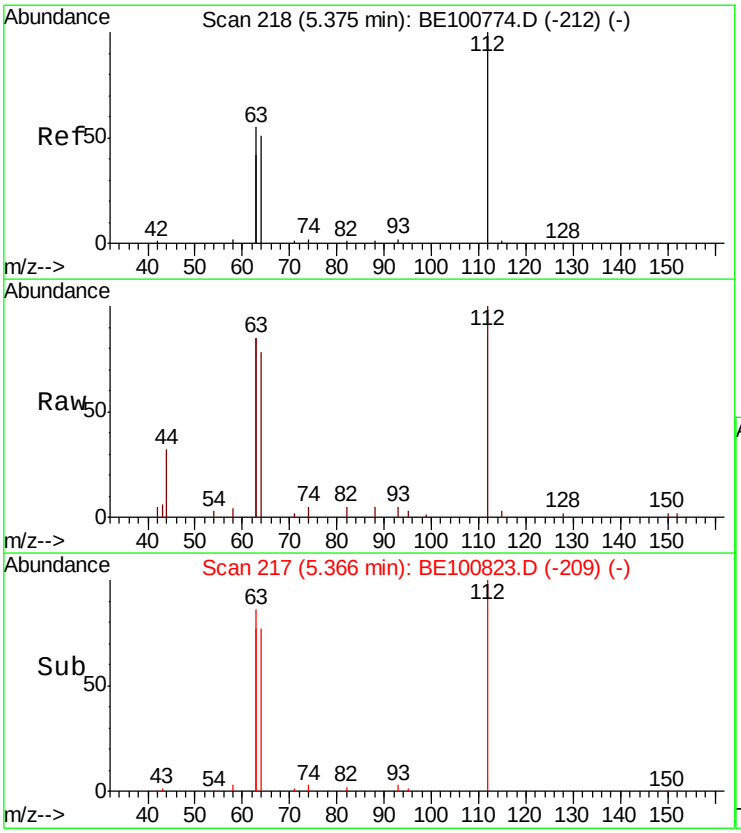
#3
n-Nitrosodimethylamine
Concen: 0.357 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3305

Ion	Ratio	Lower	Upper
42	100		
74	116.7	86.3	129.5
44	0.0	11.6	17.4#

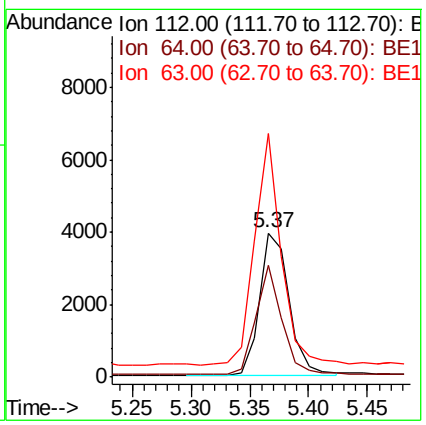


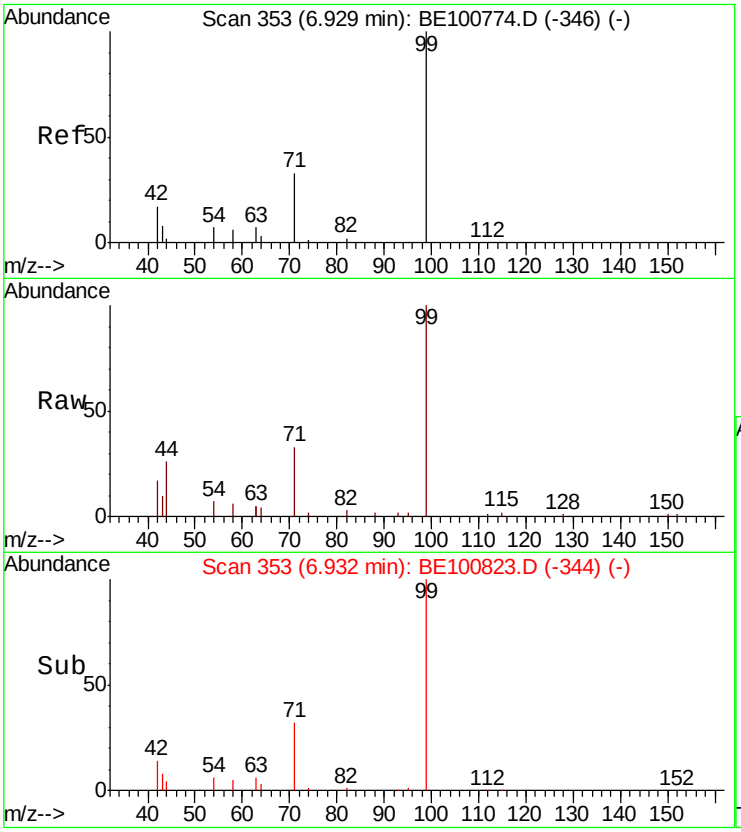


#4
2-Fluorophenol
Concen: 0.461 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:112 Resp: 6820

Ion	Ratio	Lower	Upper
112	100		
64	68.4	54.1	81.1
63	145.9	113.2	169.8



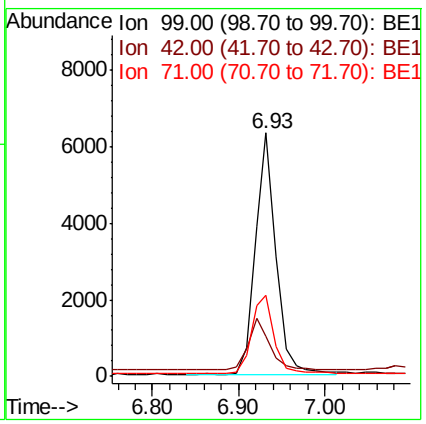


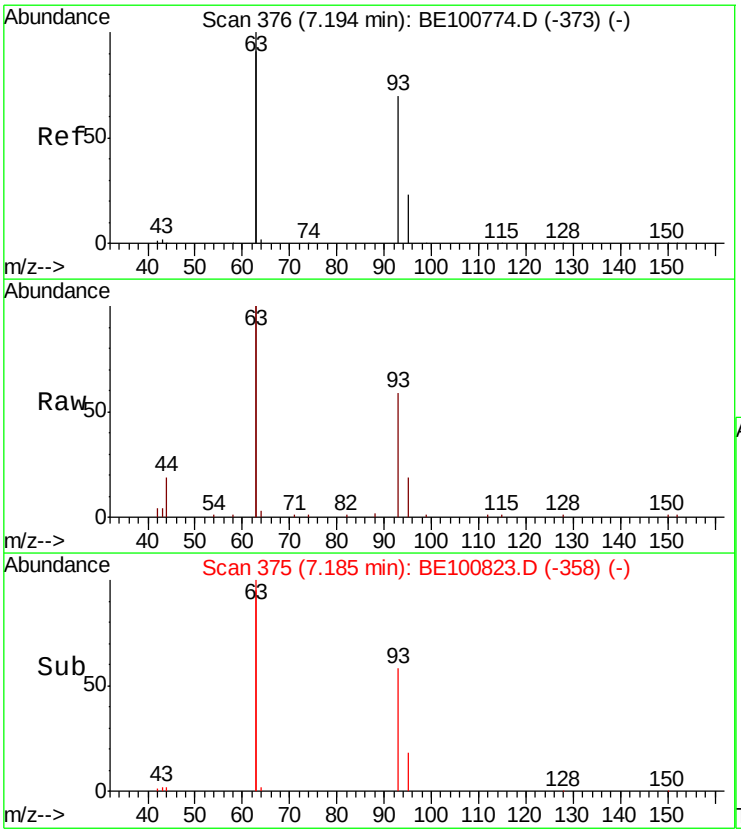
#5
Phenol-d6
Concen: 0.470 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 10503

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.1	28.7
71	35.6	27.7	41.5

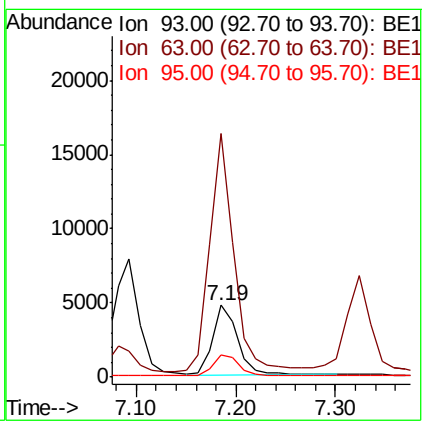


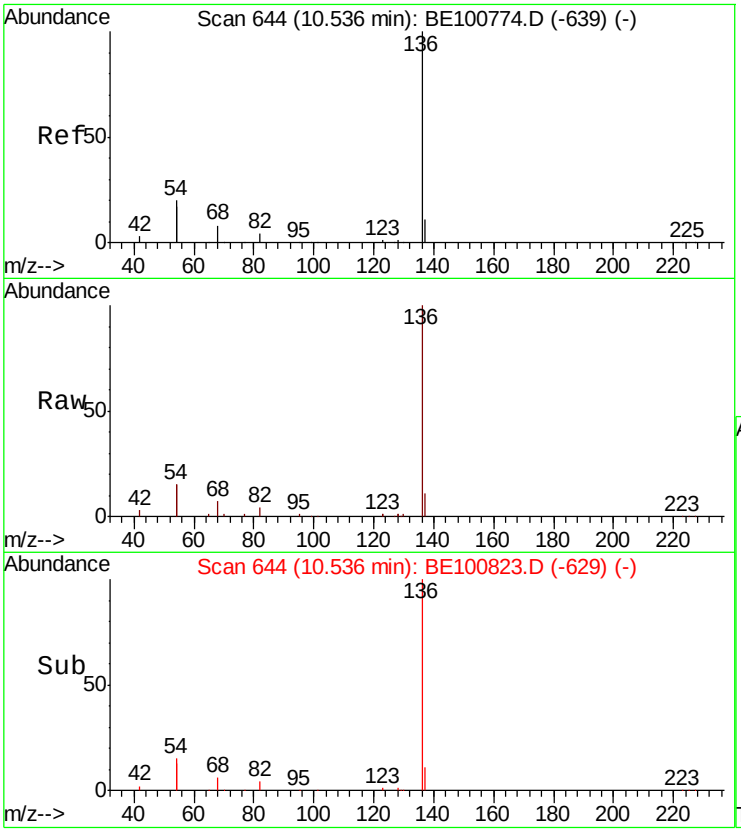


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.19 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion: 93 Resp: 8249

Ion	Ratio	Lower	Upper
93	100		
63	324.2	259.4	389.0
95	33.6	26.2	39.2



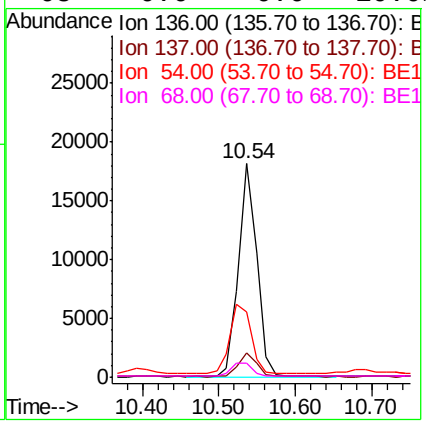


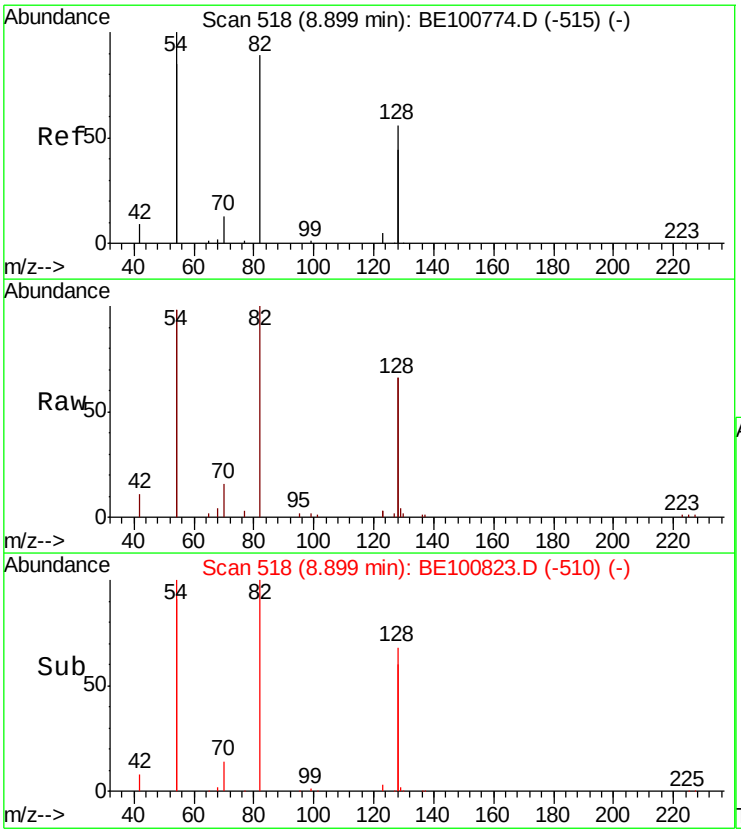
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 30079

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	30.4	31.1	46.7#
68	6.6	6.6	10.0#

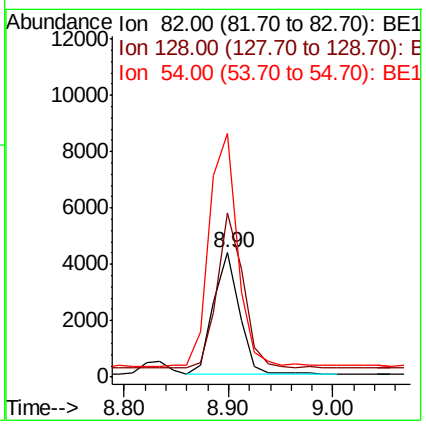


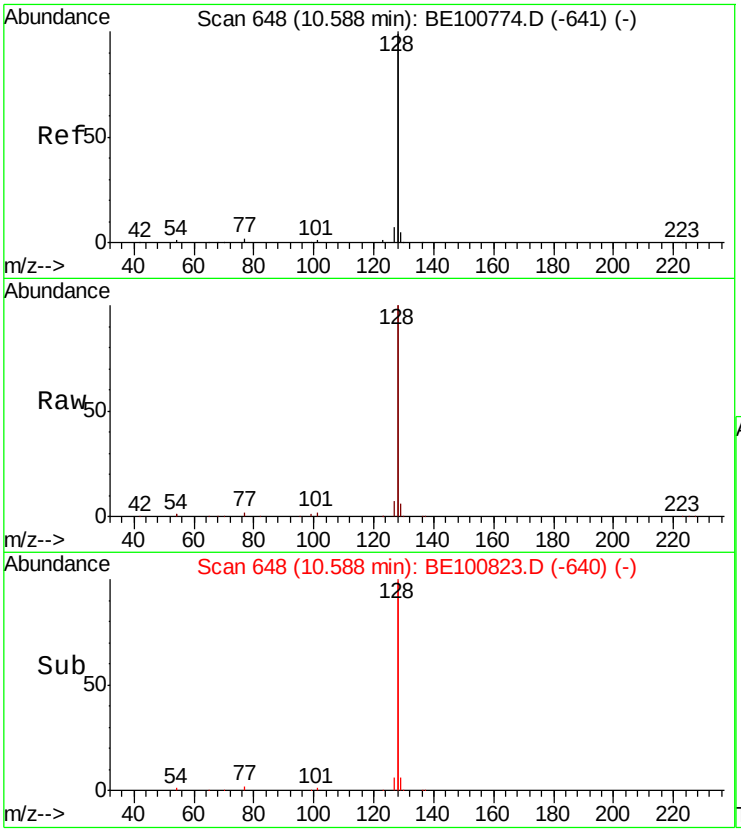


#8
Nitrobenzene-d5
Concen: 0.523 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion: 82 Resp: 7496

Ion	Ratio	Lower	Upper
82	100		
128	132.5	97.0	145.4
54	196.0	171.8	257.6



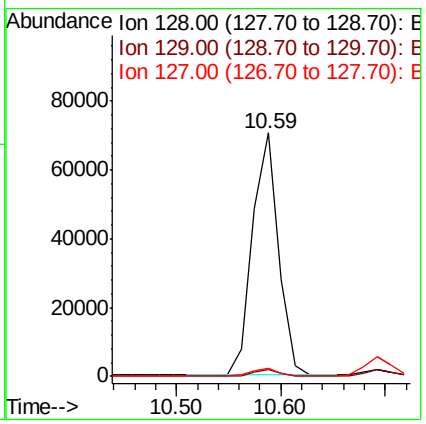


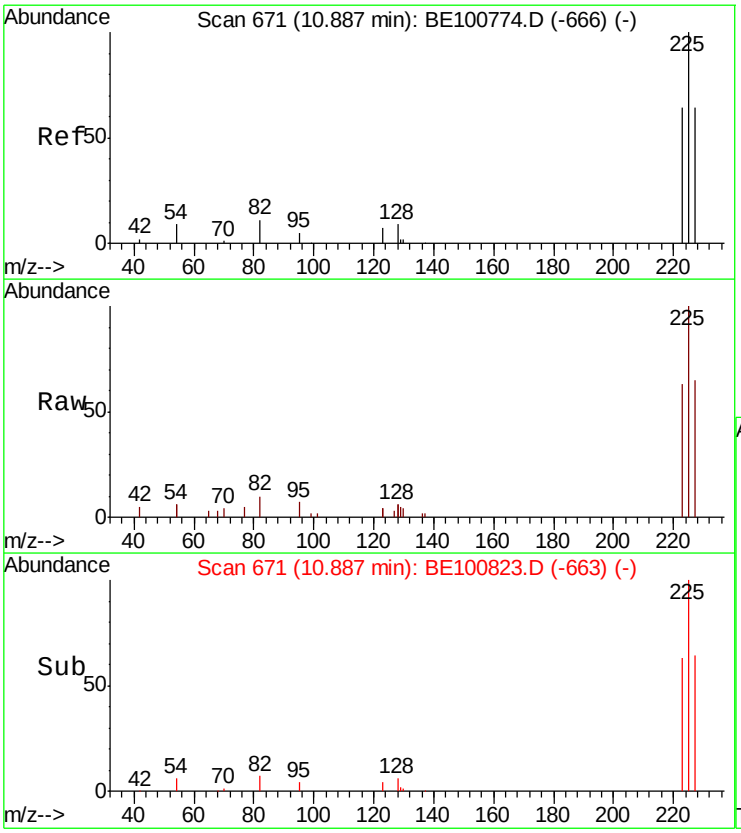
#9
Naphthalene
Concen: 0.385 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 123077

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.3	2.7	4.1

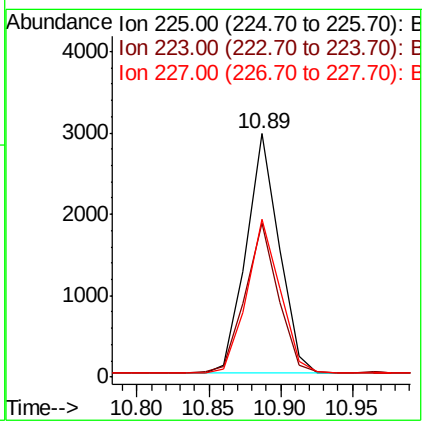


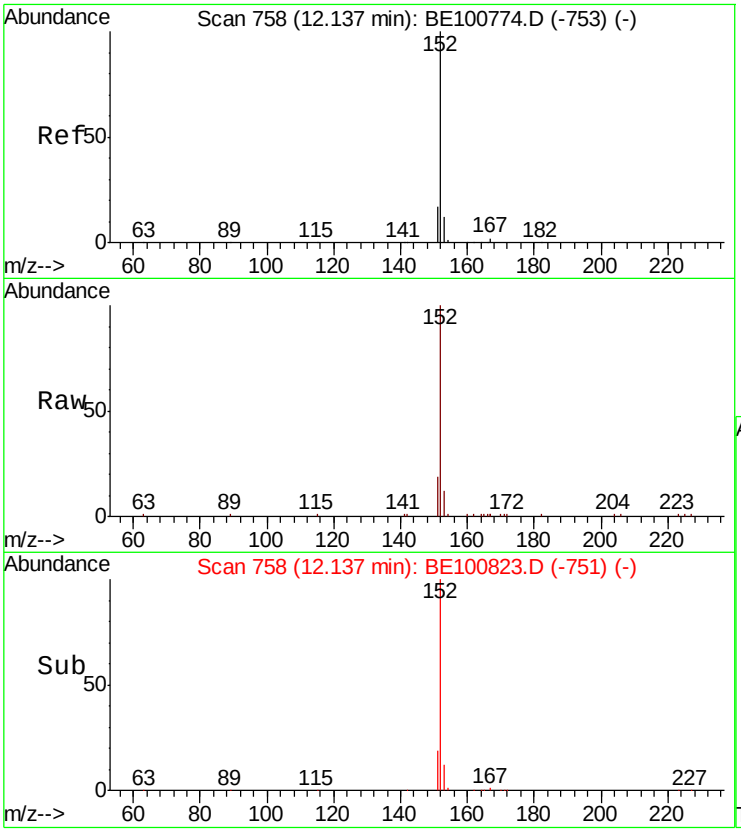


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:225 Resp: 4683

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.9	74.9
227	64.1	52.2	78.4



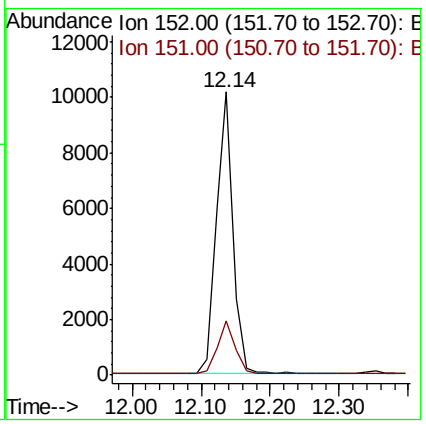


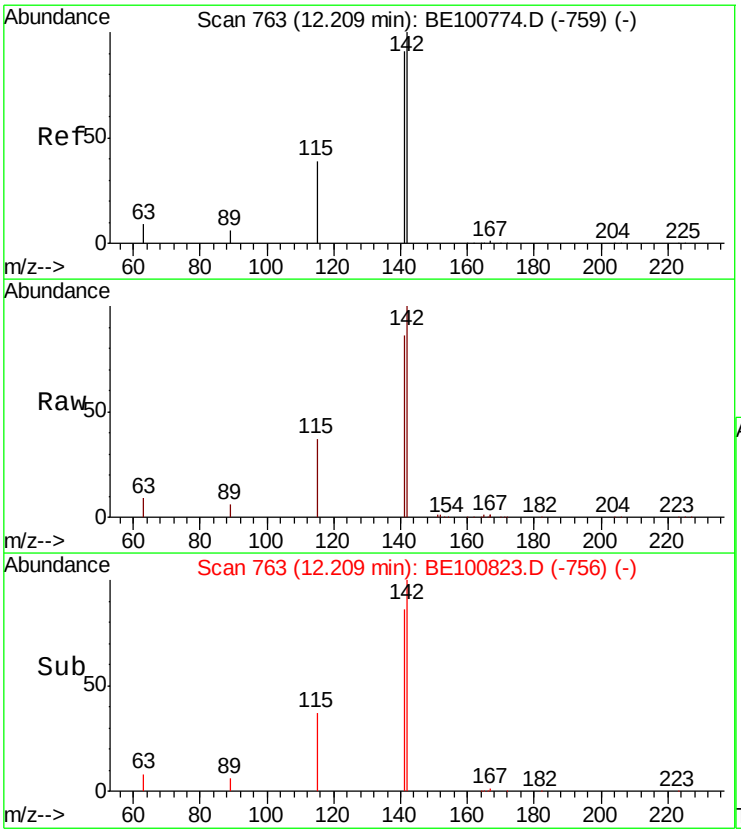
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 17017

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8

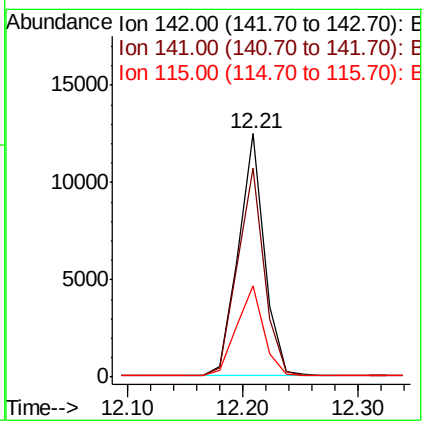


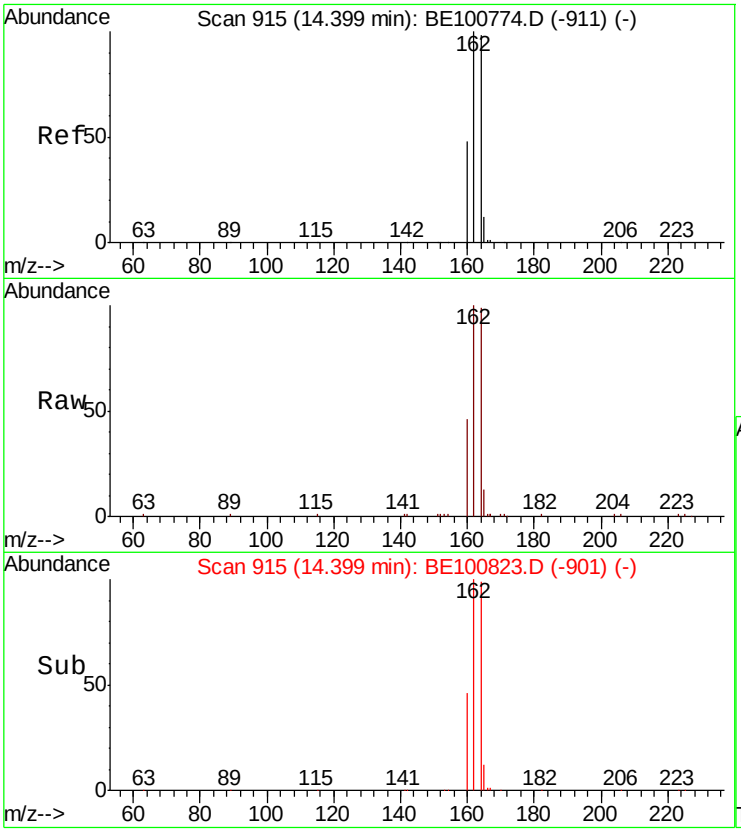


#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:142 Resp: 19454

Ion	Ratio	Lower	Upper
142	100		
141	85.7	72.6	108.8
115	37.5	31.8	47.6



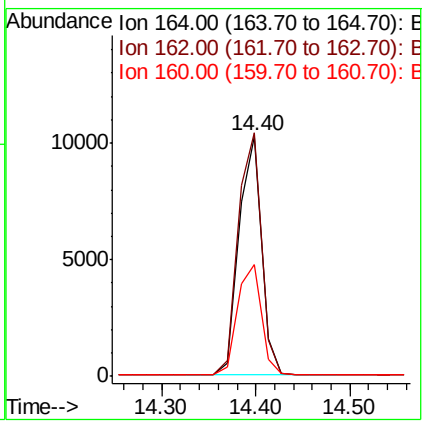


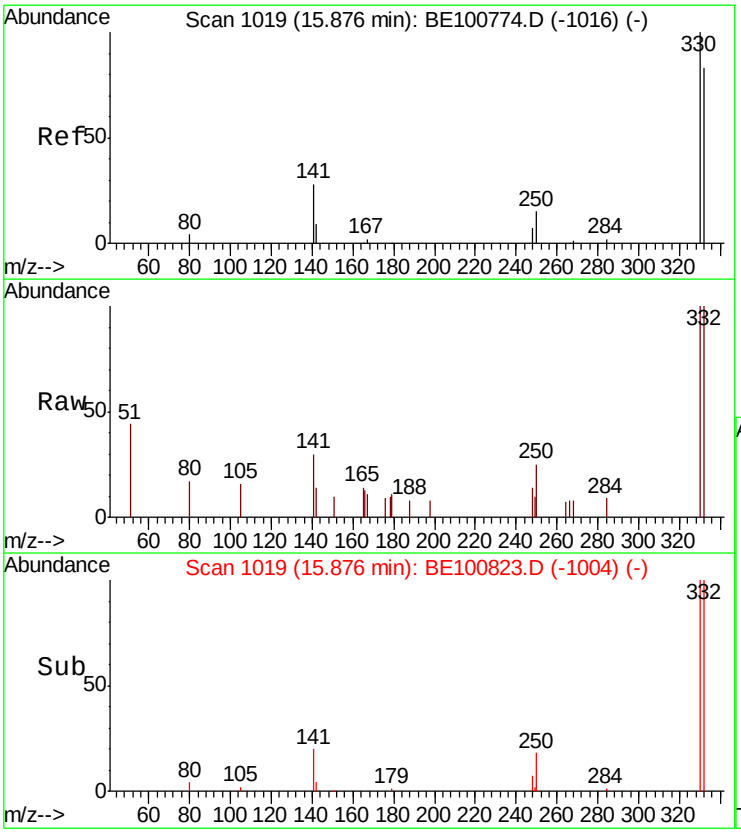
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 17136

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	46.7	39.4	59.0

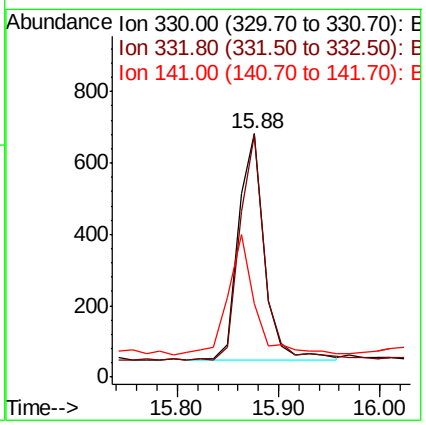


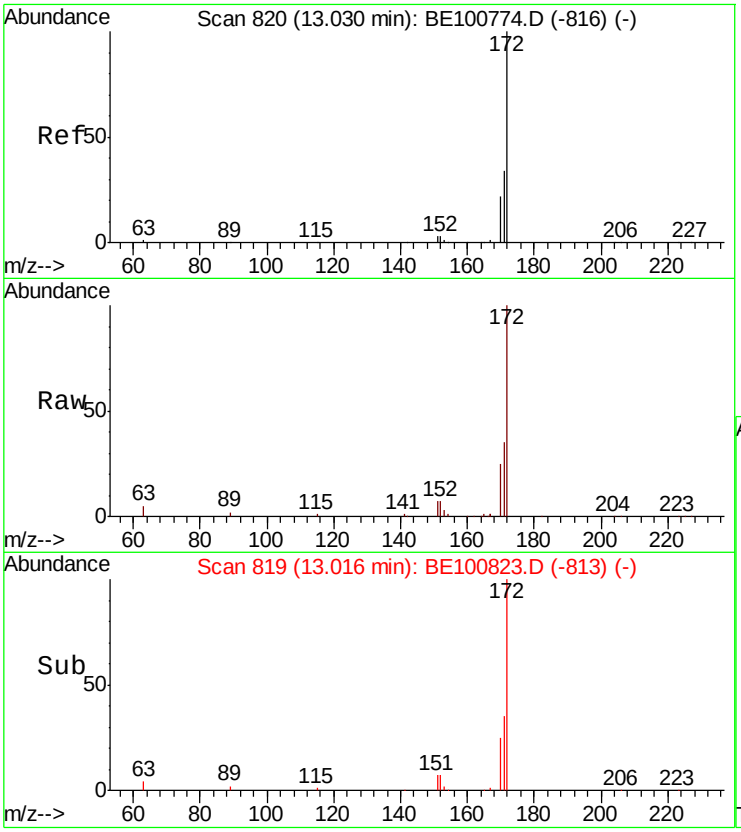


#14
2,4,6-Tribromophenol
Concen: 0.584 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:330 Resp: 1113

Ion	Ratio	Lower	Upper
330	100		
332	98.3	69.4	104.2
141	54.8	51.1	76.7



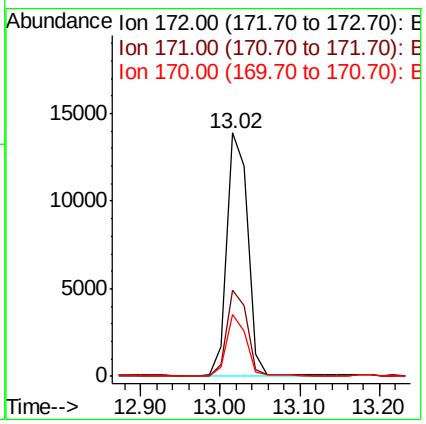


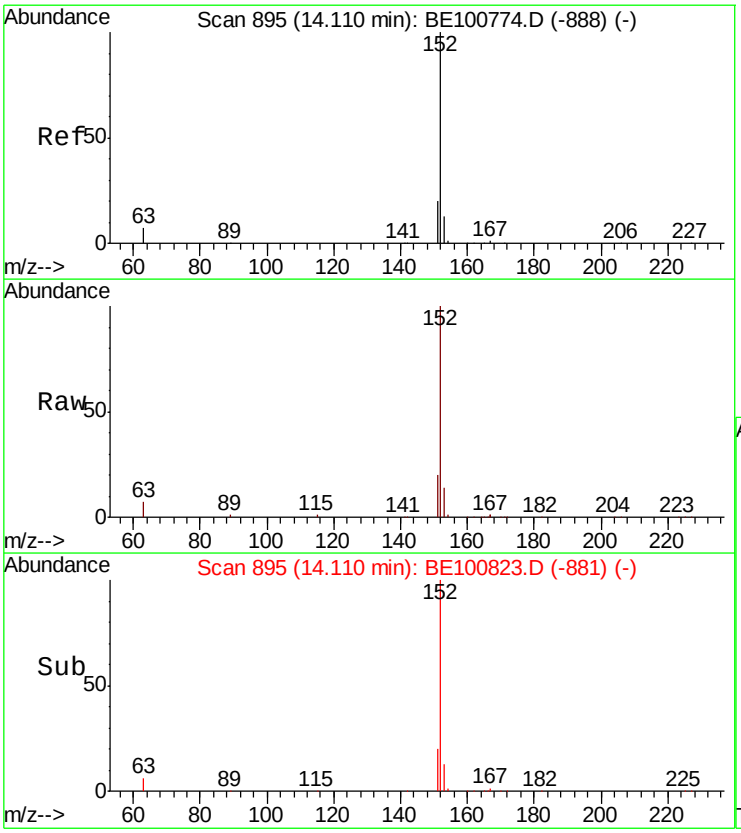
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 24947

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.2	40.8
170	25.5	18.0	27.0

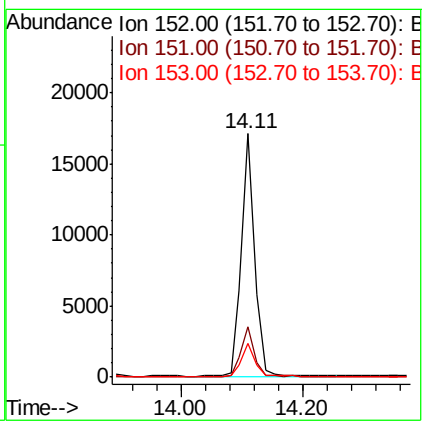


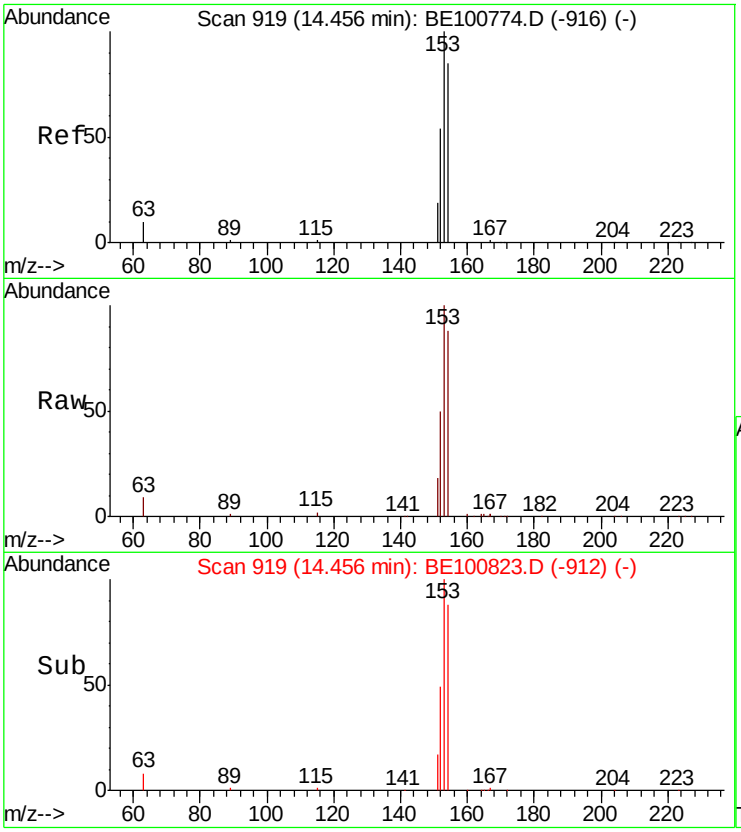


#16
Acenaphthylene
Concen: 0.365 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:152 Resp: 25901

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.2	10.4	15.6



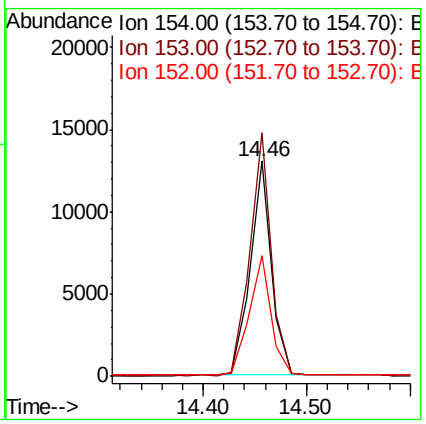


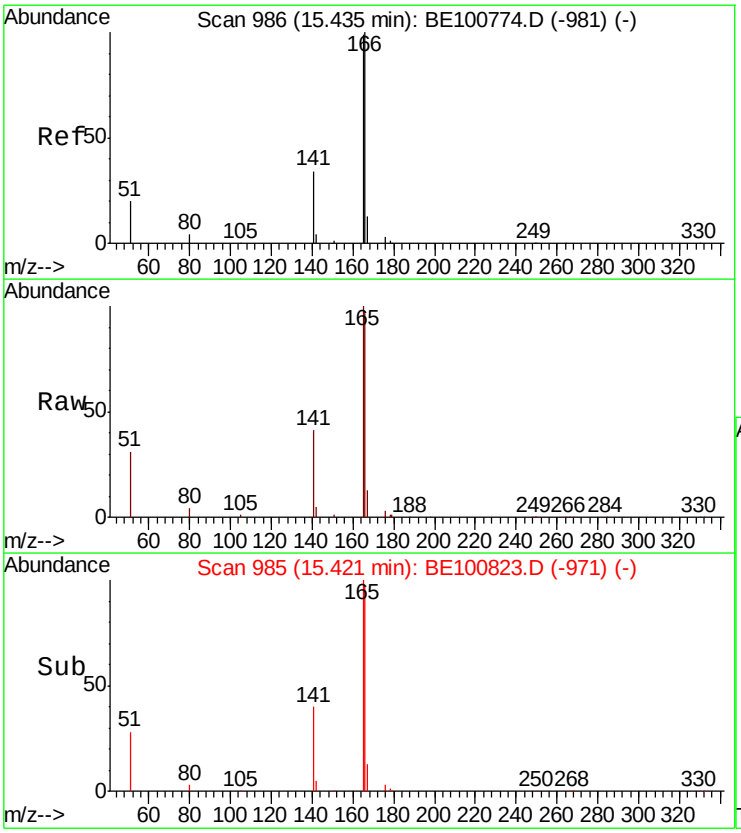
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 18577

Ion	Ratio	Lower	Upper
154	100		
153	114.1	92.2	138.2
152	58.2	49.1	73.7

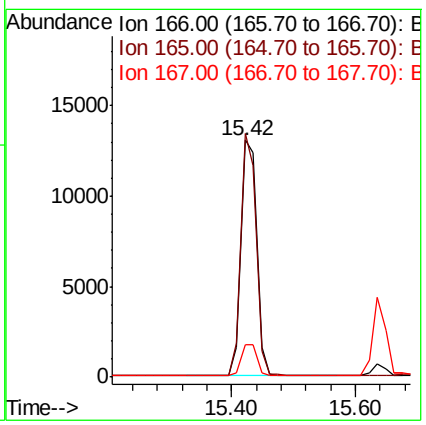


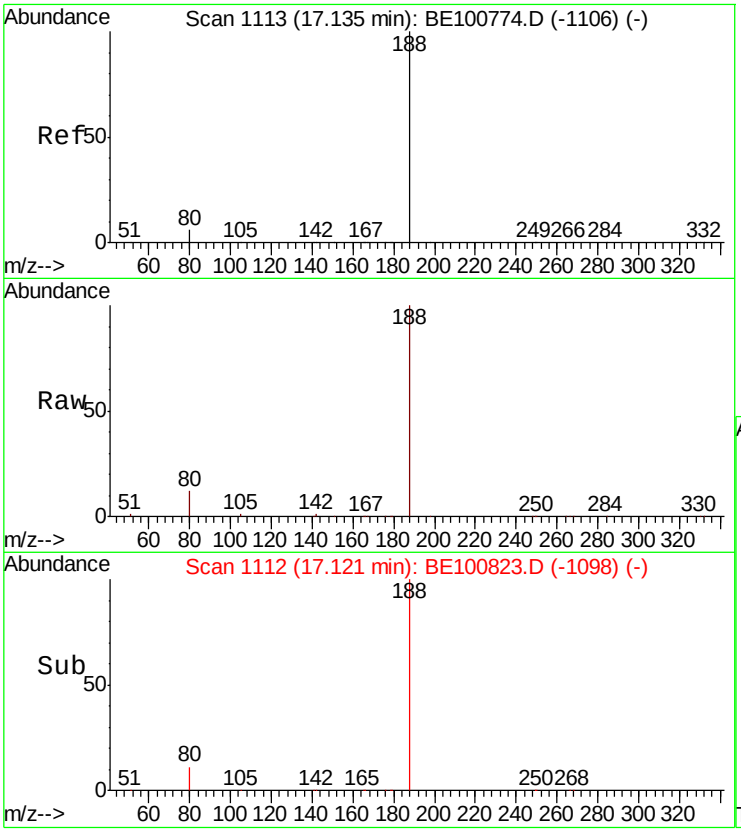


#18
Fluorene
Concen: 0.368 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:166 Resp: 23160

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.5	120.7
167	13.6	10.7	16.1



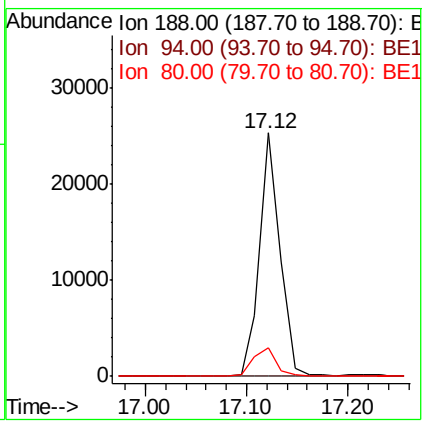


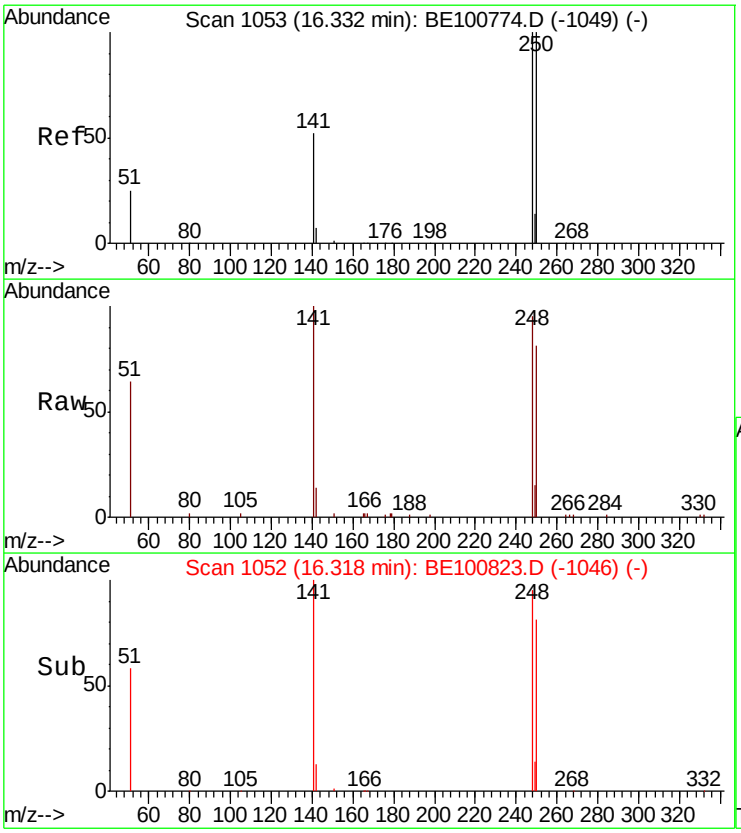
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 35779

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	5.2	7.8#

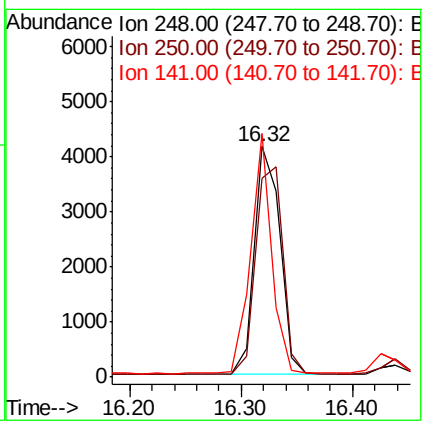


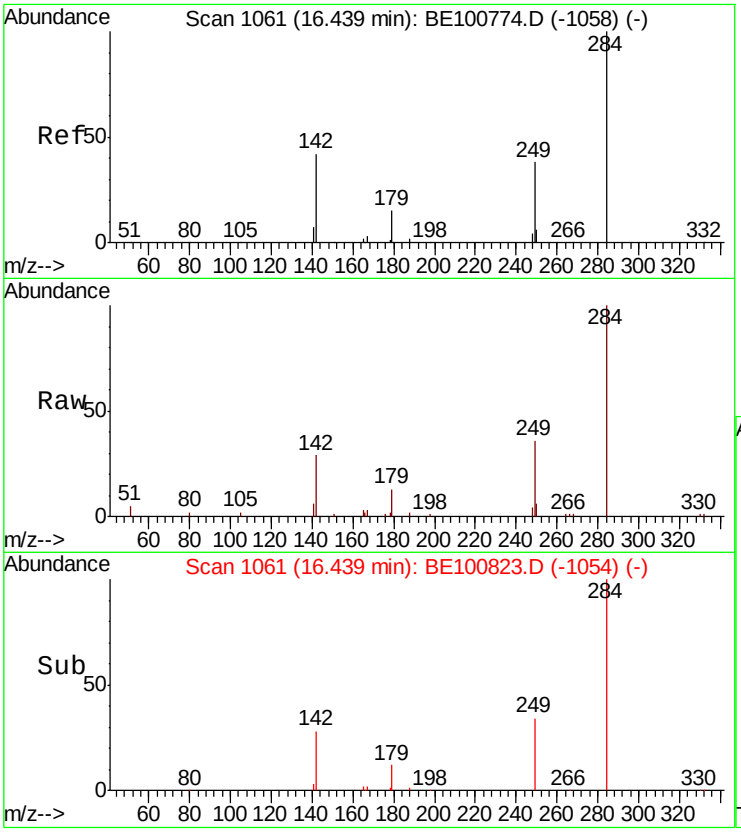


#20
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:248 Resp: 6663

Ion	Ratio	Lower	Upper
248	100		
250	85.9	80.5	120.7
141	105.6	42.6	64.0#



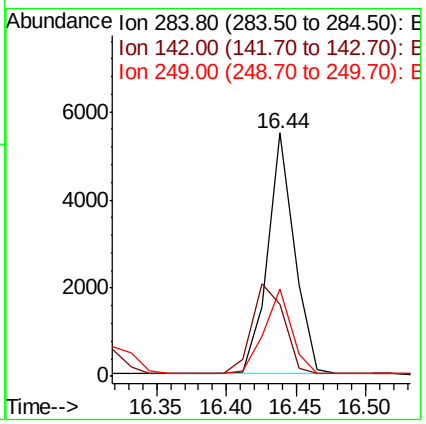


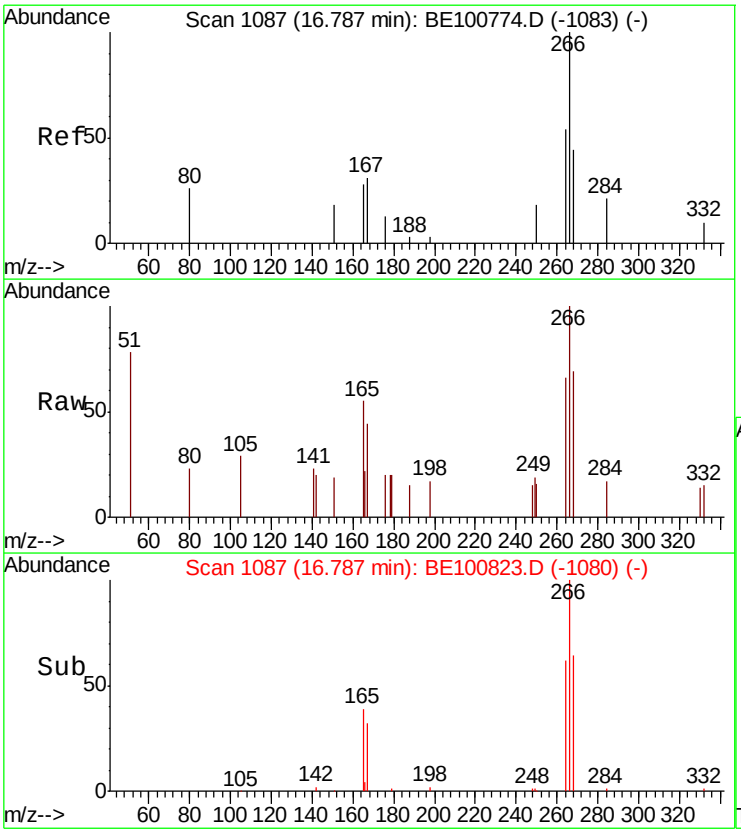
#21
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 7347

Ion	Ratio	Lower	Upper
284	100		
142	44.2	34.4	51.6
249	35.9	28.5	42.7

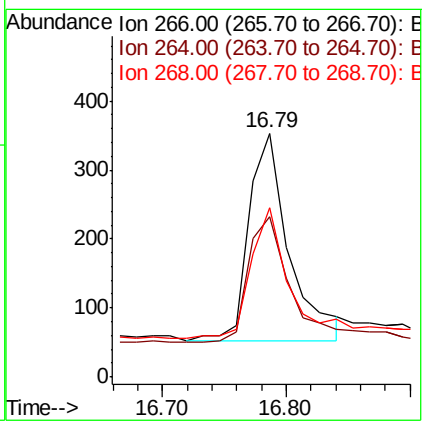


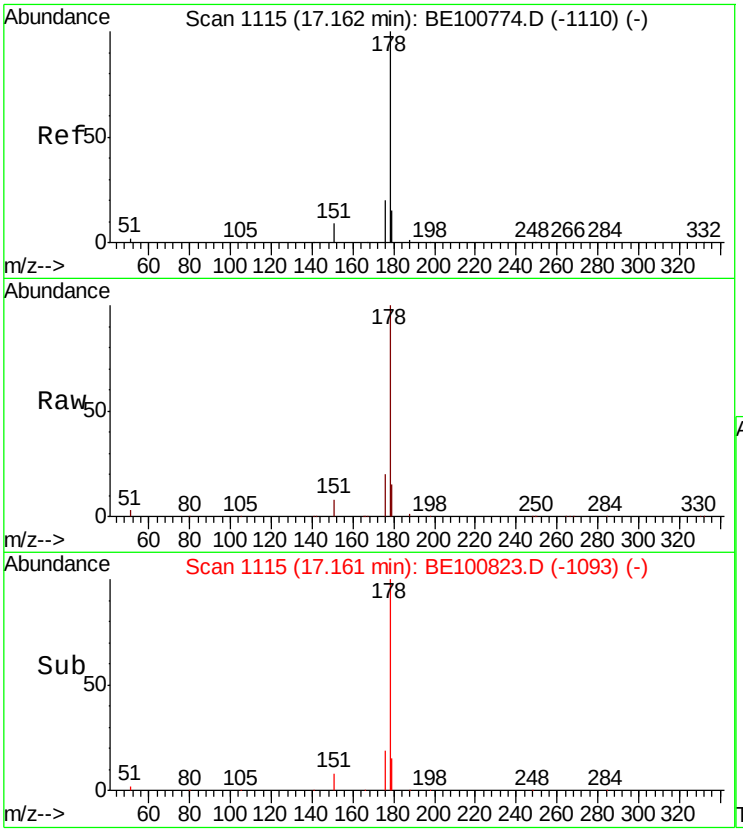


#22
Pentachlorophenol
Concen: 0.510 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:266 Resp: 673

Ion	Ratio	Lower	Upper
266	100		
264	66.0	63.4	95.0
268	69.4	65.8	98.8



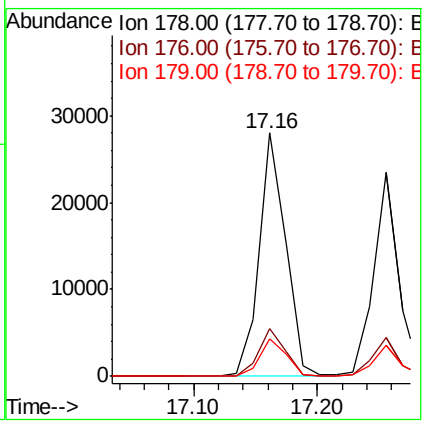


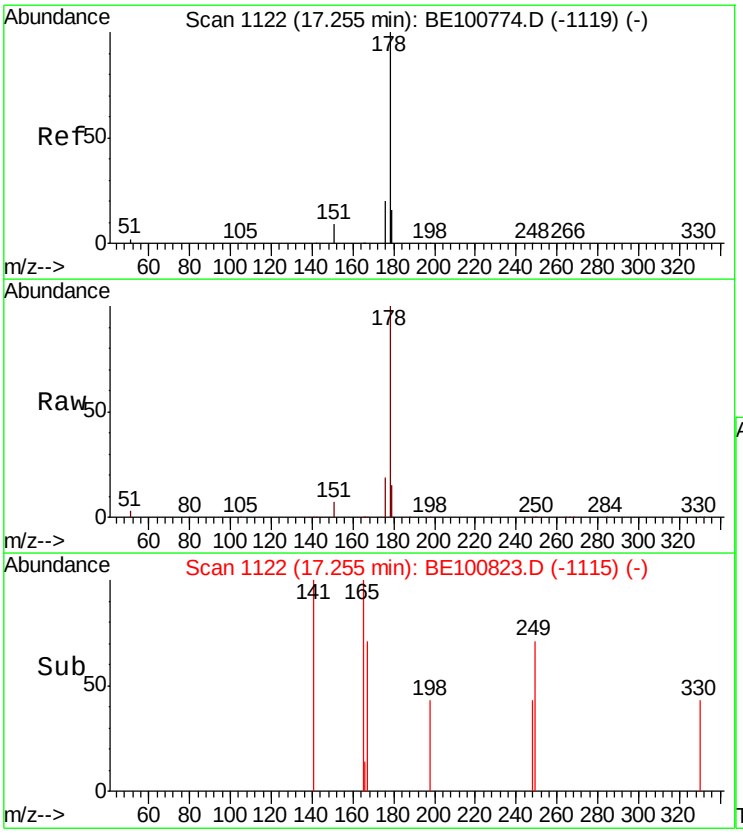
#23
Phenanthrene
Concen: 0.380 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 41142

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.4	12.3	18.5

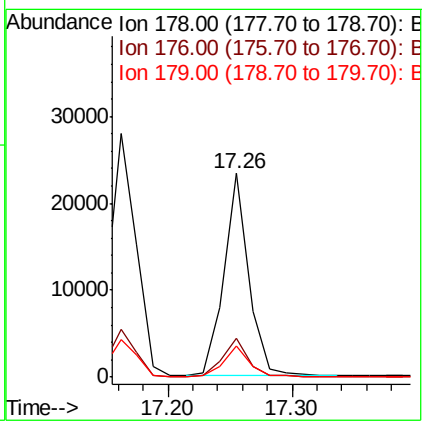


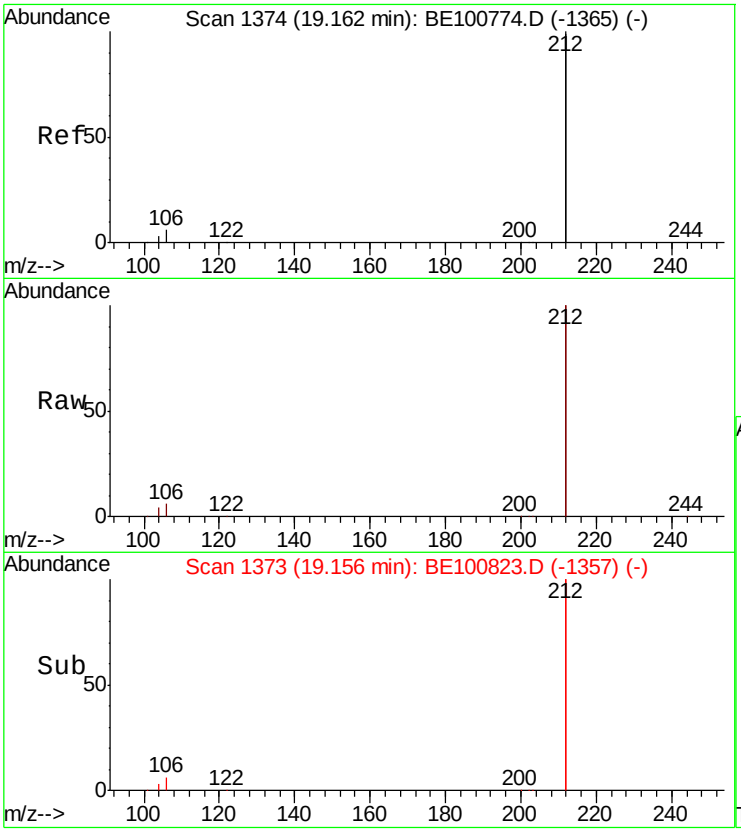


#24
Anthracene
Concen: 0.358 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:178 Resp: 32445

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.3	12.7	19.1



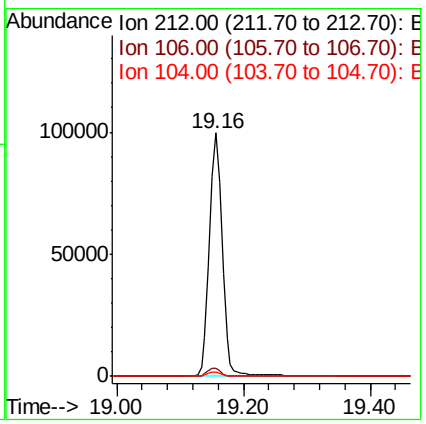


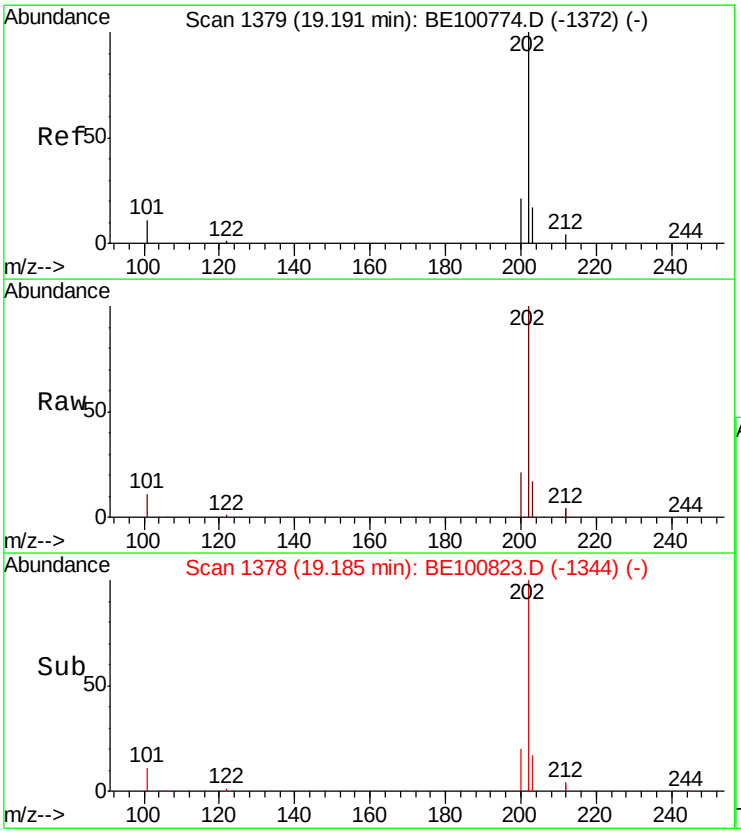
#25
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 136923

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.9	1.4	2.2

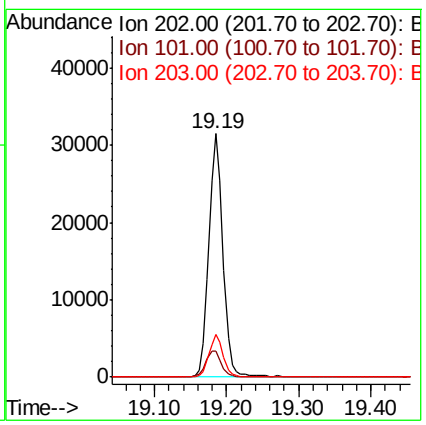


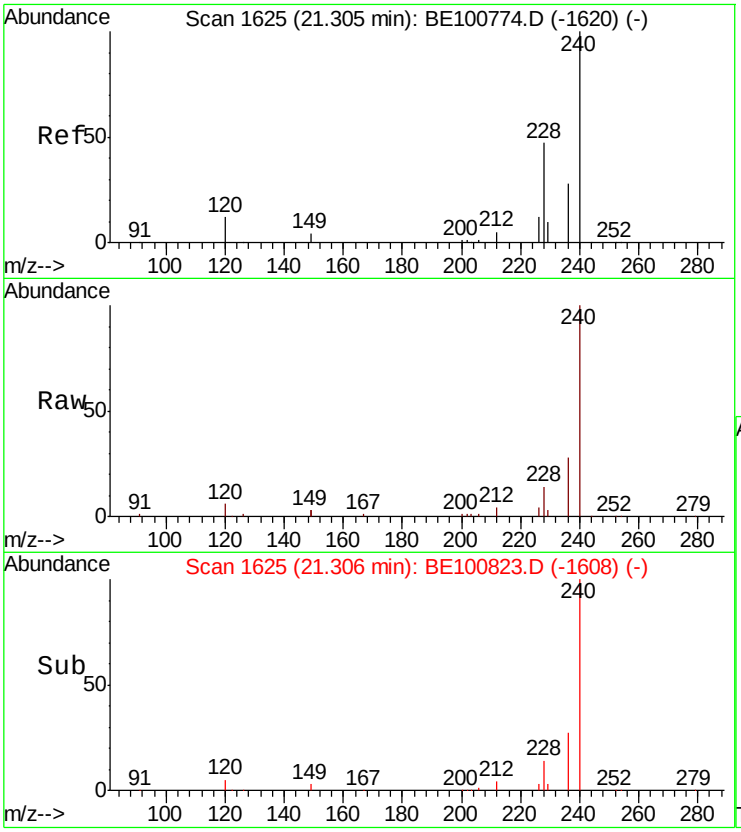


#26
Fluoranthene
Concen: 0.326 ng
RT: 19.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:202 Resp: 42111

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
203	16.9	13.8	20.6



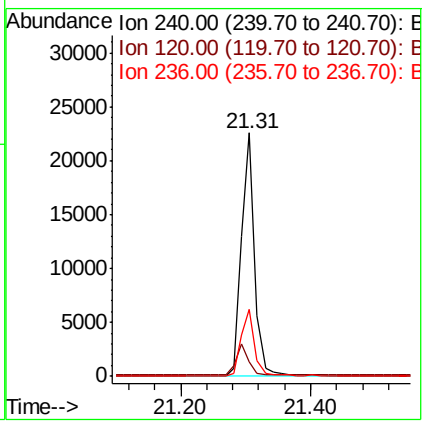


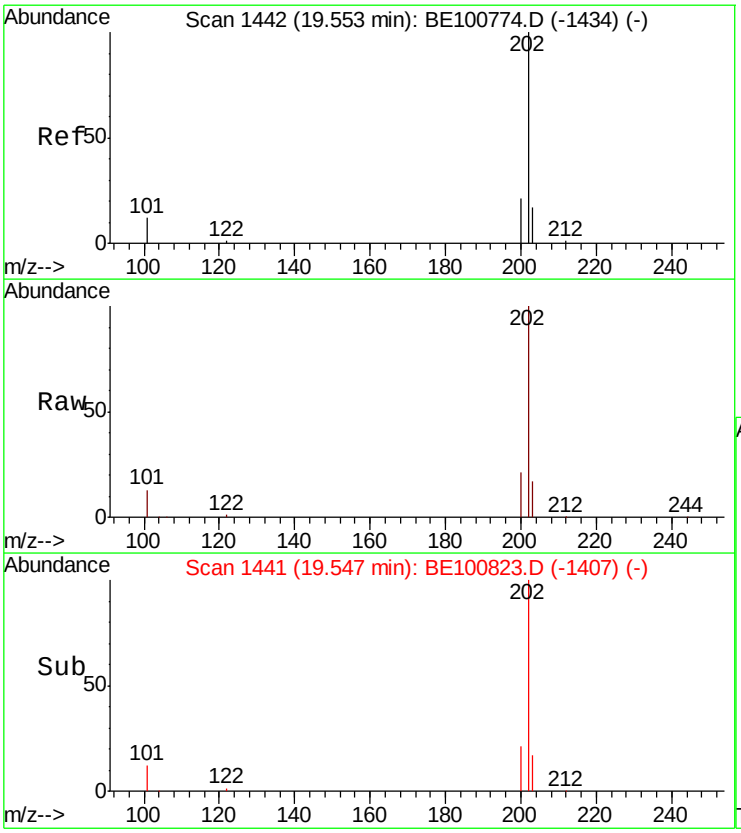
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 31508

Ion	Ratio	Lower	Upper
240	100		
120	5.9	10.2	15.2#
236	27.5	22.3	33.5

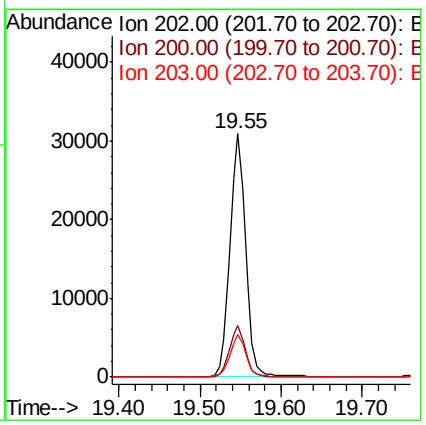


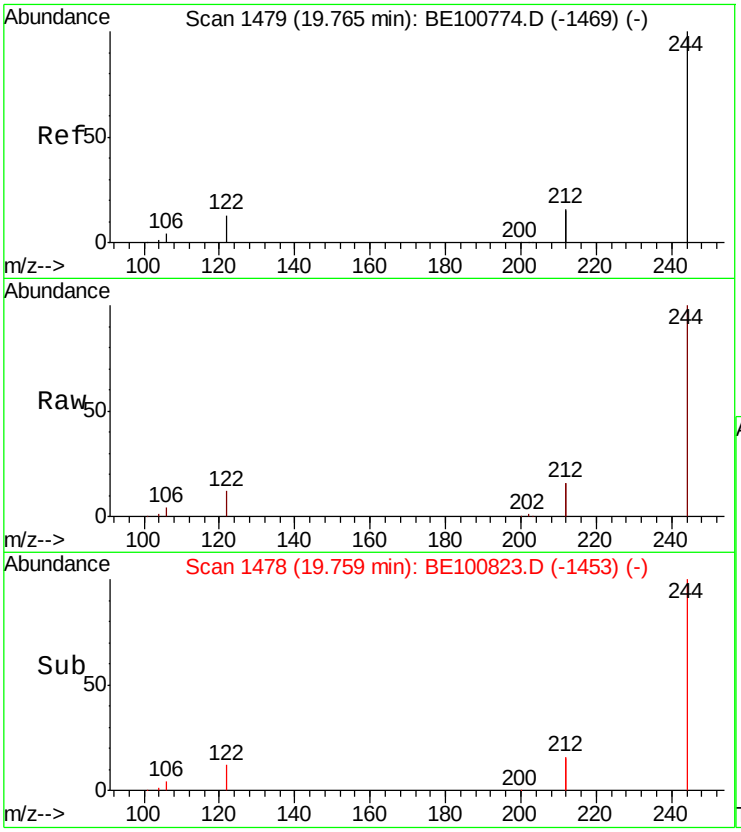


#28
Pyrene
Concen: 0.403 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:202 Resp: 41294

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.3	13.9	20.9



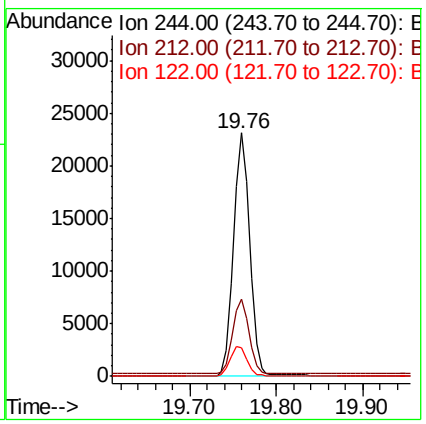


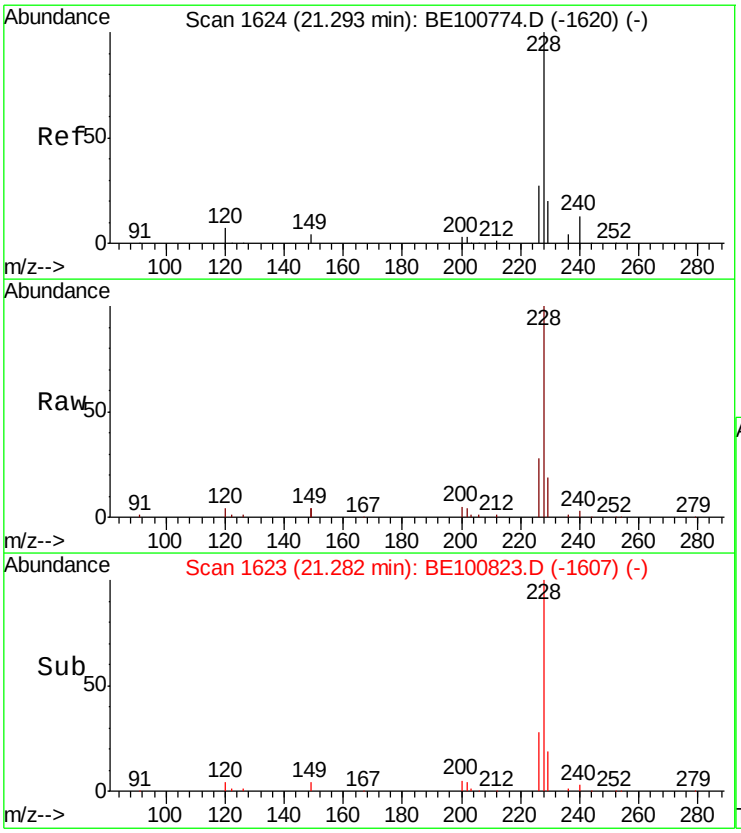
#29
Terphenyl-d14
Concen: 0.390 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 29469

Ion	Ratio	Lower	Upper
244	100		
212	31.9	26.2	39.4
122	11.9	10.2	15.4

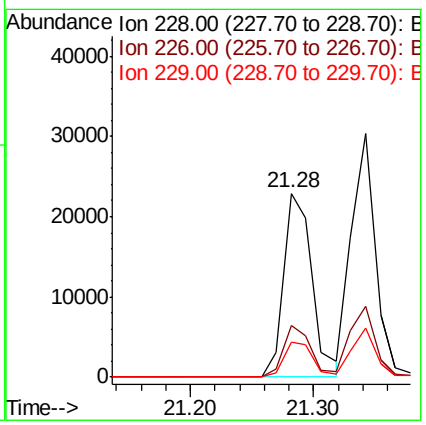


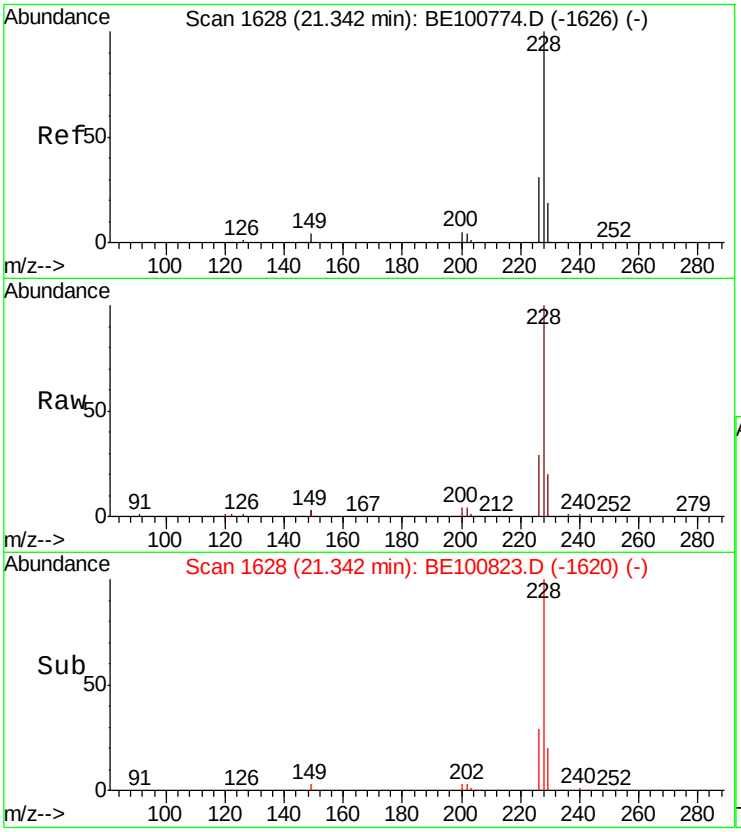


#30
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:228 Resp: 36830

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.5	32.3
229	19.0	16.0	24.0



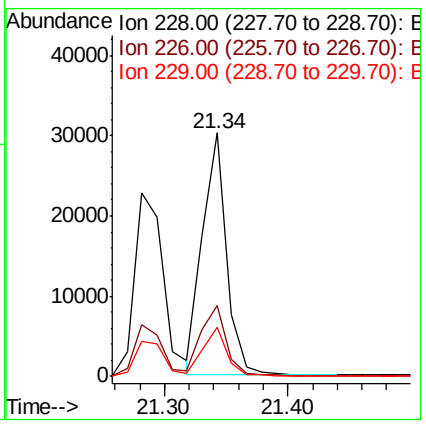


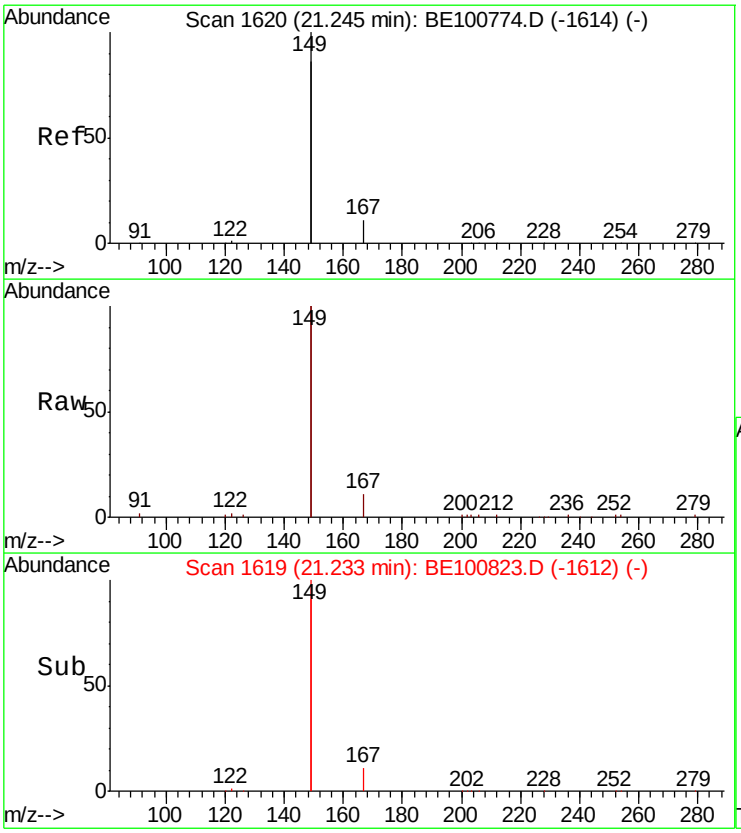
#31
Chrysene
Concen: 0.376 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 41065

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.4
229	20.0	15.4	23.2

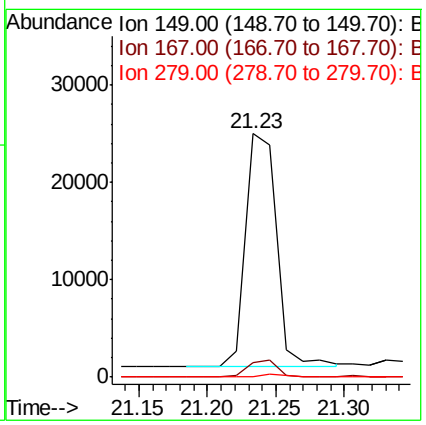


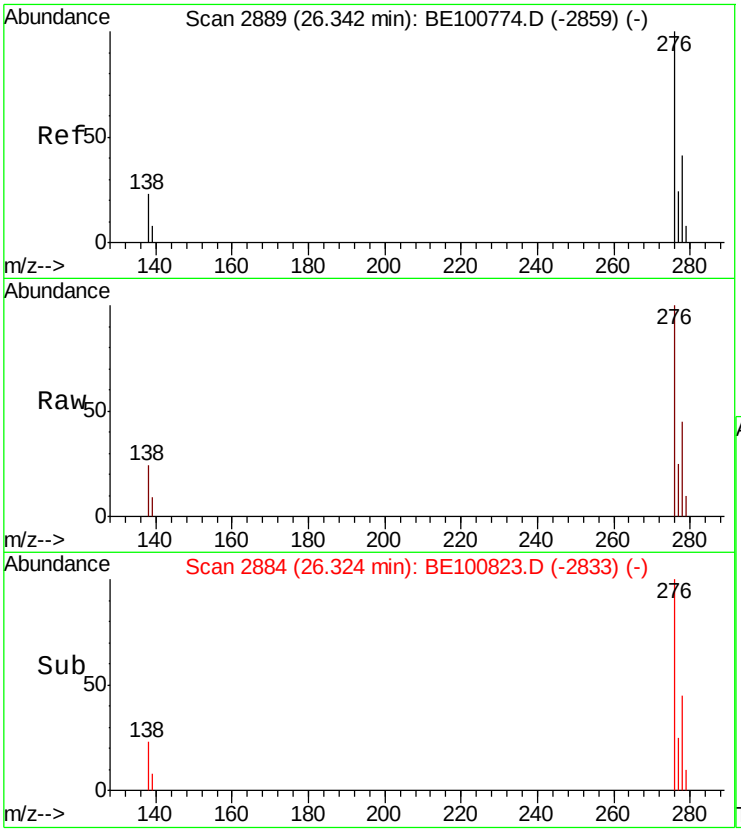


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.572 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:149 Resp: 37510

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.0	7.6
279	0.8	0.7	1.1



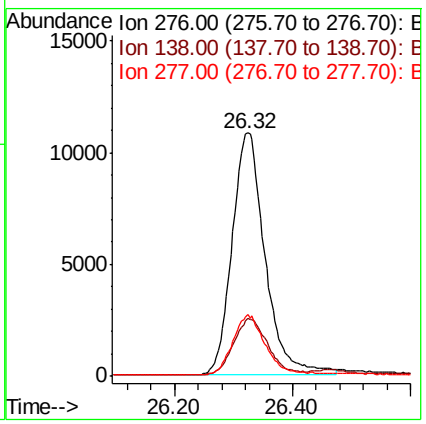


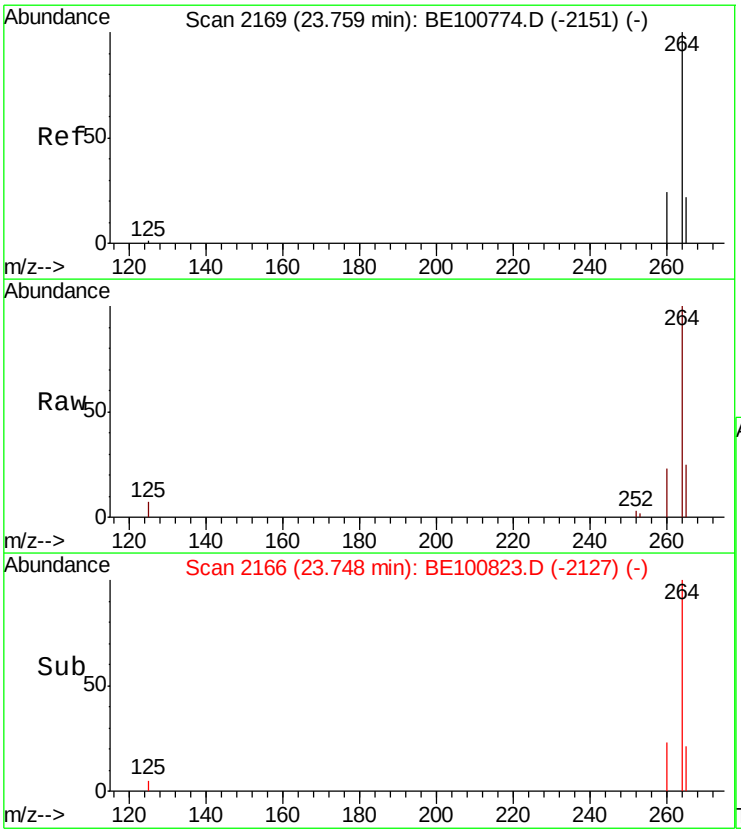
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng
RT: 26.32 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 42252

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.4	29.0
277	24.3	19.8	29.6

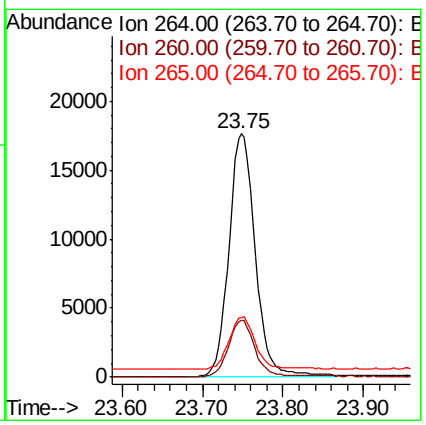


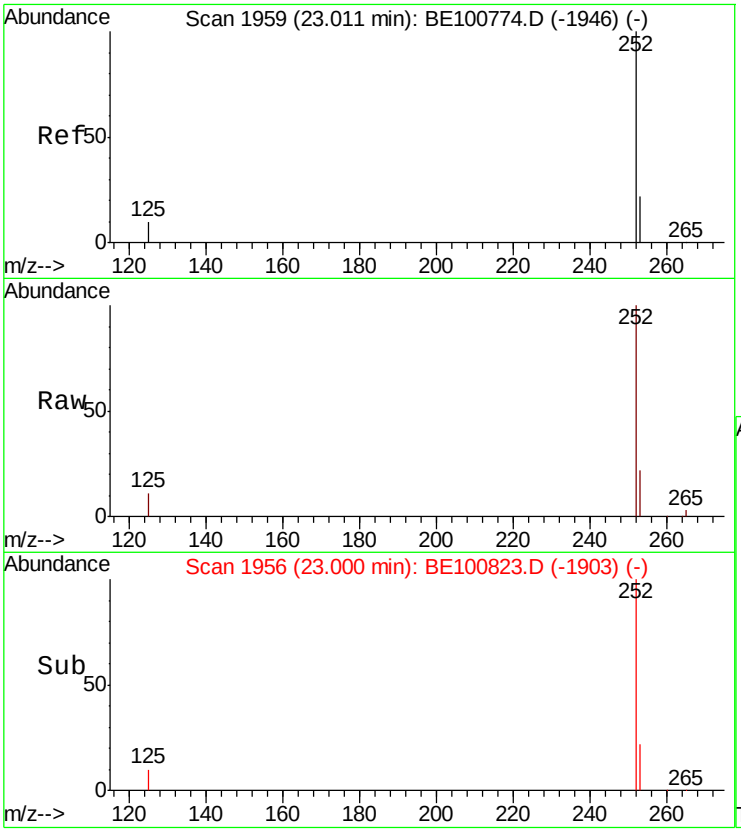


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:264 Resp: 39676

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	24.6	21.8	32.8



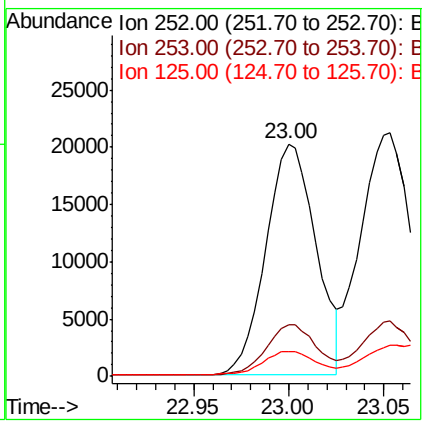


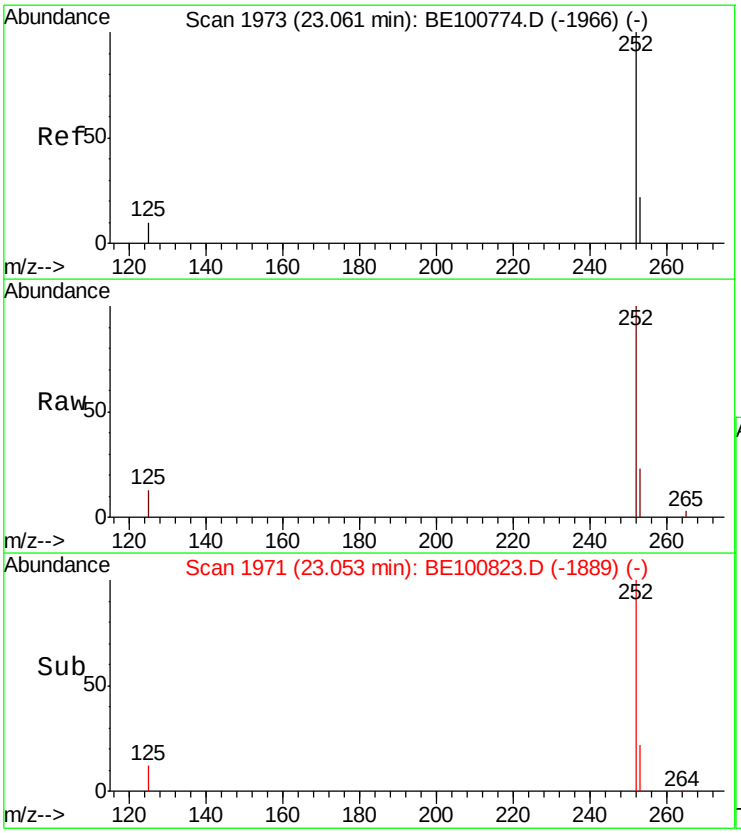
#35
Benzo(b)fluoranthene
Concen: 0.341 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 36999

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.8	9.0	13.4

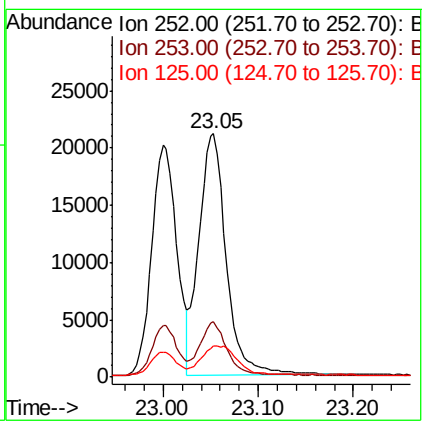


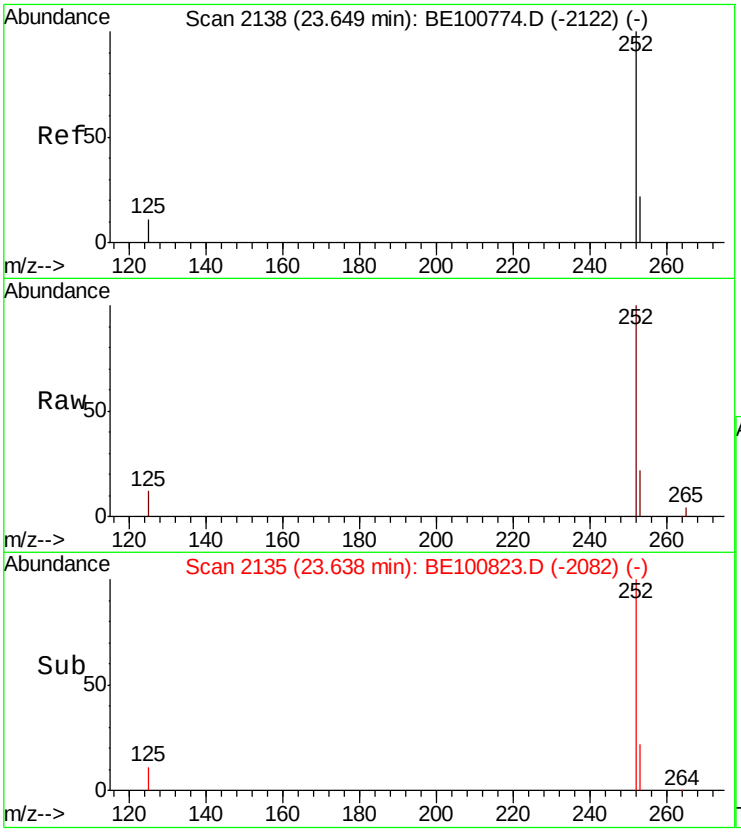


#36
Benzo(k)fluoranthene
Concen: 0.347 ng
RT: 23.05 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:252 Resp: 42242

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	12.6	8.7	13.1



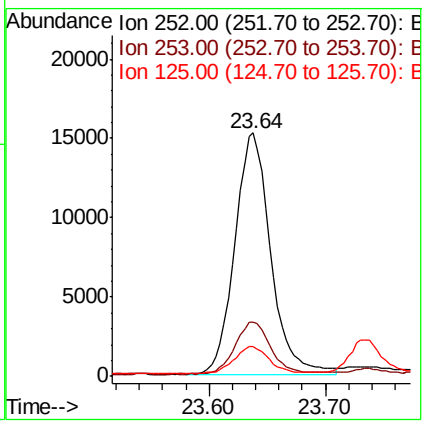


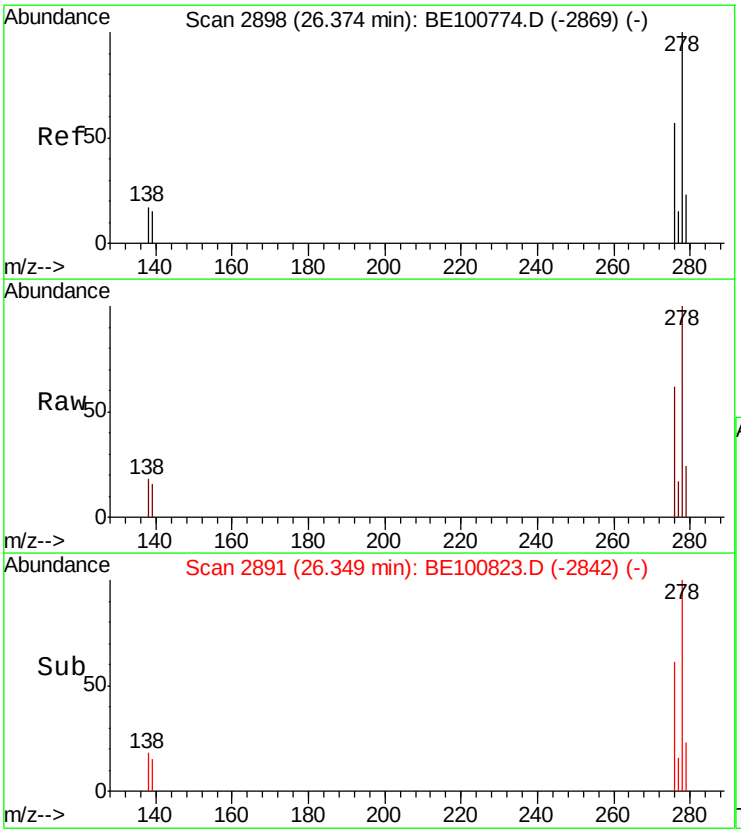
#37
Benzo(a)pyrene
Concen: 0.347 ng
RT: 23.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 32611

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	12.1	10.4	15.6

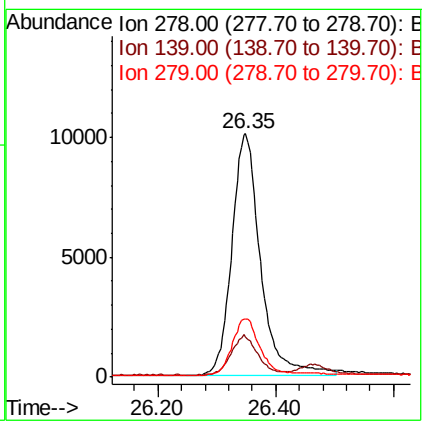


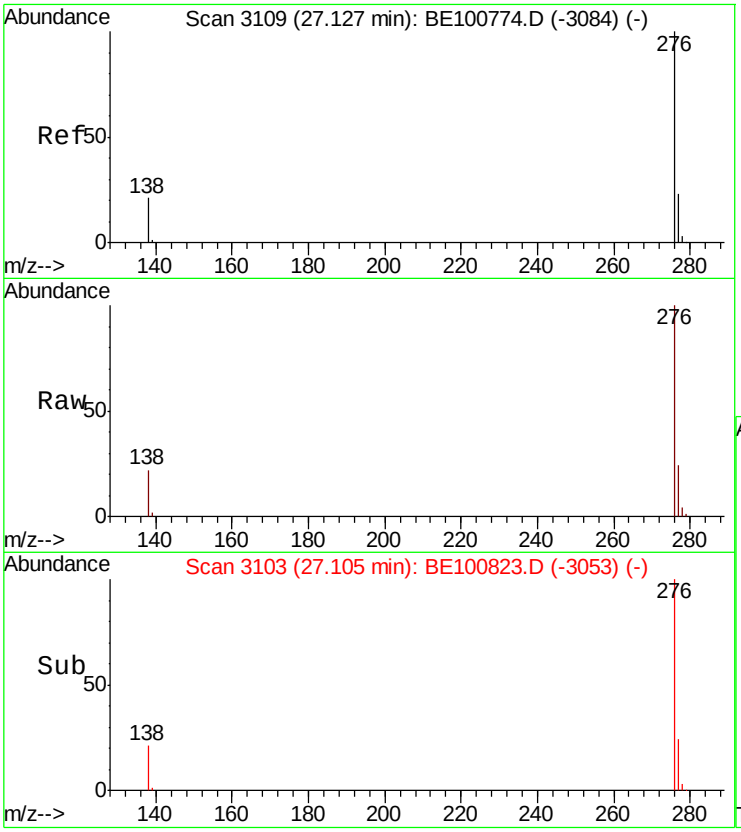


#38
Dibenzo(a,h)anthracene
Concen: 0.366 ng
RT: 26.35 min Scan# 2891
Delta R.T. -0.03 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Tgt Ion:278 Resp: 34280

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.0	19.4
279	24.1	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.361 ng
RT: 27.10 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BE100823.D
Acq: 10 Dec 2019 23:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 36164

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	21.8	17.8	26.6