Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
Data File : BE100971.D
Acq On : 24 Dec 2019 12:55
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Dec 24 13:37:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 11:32:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2767	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	13673	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	8357	0.40	ng		-0.02
19) Phenanthrene-d10	17.11	188	18463	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	22183	0.40	ng		-0.01
34) Perylene-d12	23.72	264	24276	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	26468	5.36	ng		-0.01
5) Phenol-d6	6.92	99	31866	5.29	ng		-0.07
8) Nitrobenzene-d5	8.89	82	50665	7.01	ng		-0.03
11) 2-Methylnaphthalene-d10	12.12	152	103048	5.01	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	14822	7.22	ng		-0.01
15) 2-Fluorobiphenyl	13.00	172	151585	5.13	ng		-0.02
25) Fluoranthene-d10	19.14	212	1238419	5.36	ng		0.00
29) Terphenyl-d14	19.75	244	260639	5.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	27091	2.570	ng	#	81
3) n-Nitrosodimethylamine	3.61	42	17732	5.854	ng	#	82
6) bis(2-Chloroethyl)ether	7.17	93	50621	7.157	ng		88
9) Naphthalene	10.56	128	733610	4.967	ng		99
10) Hexachlorobutadiene	10.86	225	29061	4.604	ng		98
12) 2-Methylnaphthalene	12.19	142	112565	5.417	ng		97
16) Acenaphthylene	14.10	152	193312	5.614	ng		100
17) Acenaphthene	14.44	154	121605	5.193	ng		99
18) Fluorene	15.41	166	160284	5.409	ng		99
20) 4-Bromophenyl-phenylether	16.30	248	47055	5.730	ng		95
21) Hexachlorobenzene	16.42	284	48337	5.164	ng		100
22) Pentachlorophenol	16.77	266	8389	6.060	ng	#	79
23) Phenanthrene	17.15	178	266505	5.538	ng		99
24) Anthracene	17.24	178	230143	7.116	ng		100
26) Fluoranthene	19.17	202	366424	5.485	ng		98
28) Pyrene	19.53	202	376039	4.742	ng		99
30) Benzo(a)anthracene	21.27	228	327838	5.638	ng		99
31) Chrysene	21.32	228	384630	5.249	ng		98
32) Bis(2-ethylhexyl)phthalate	21.21	149	753590	4.119	ng		100
33) Indeno(1,2,3-cd)pyrene	26.28	276	395181	5.154	ng	#	91
35) Benzo(b)fluoranthene	22.98	252	324148	6.021	ng		98
36) Benzo(k)fluoranthene	23.02	252	446430	6.214	ng	#	95
37) Benzo(a)pyrene	23.61	252	331404	5.405	ng	#	92
38) Dibenzo(a,h)anthracene	26.31	278	316269	6.124	ng	#	95
39) Benzo(g,h,i)perylene	27.06	276	346263	5.425	ng		97

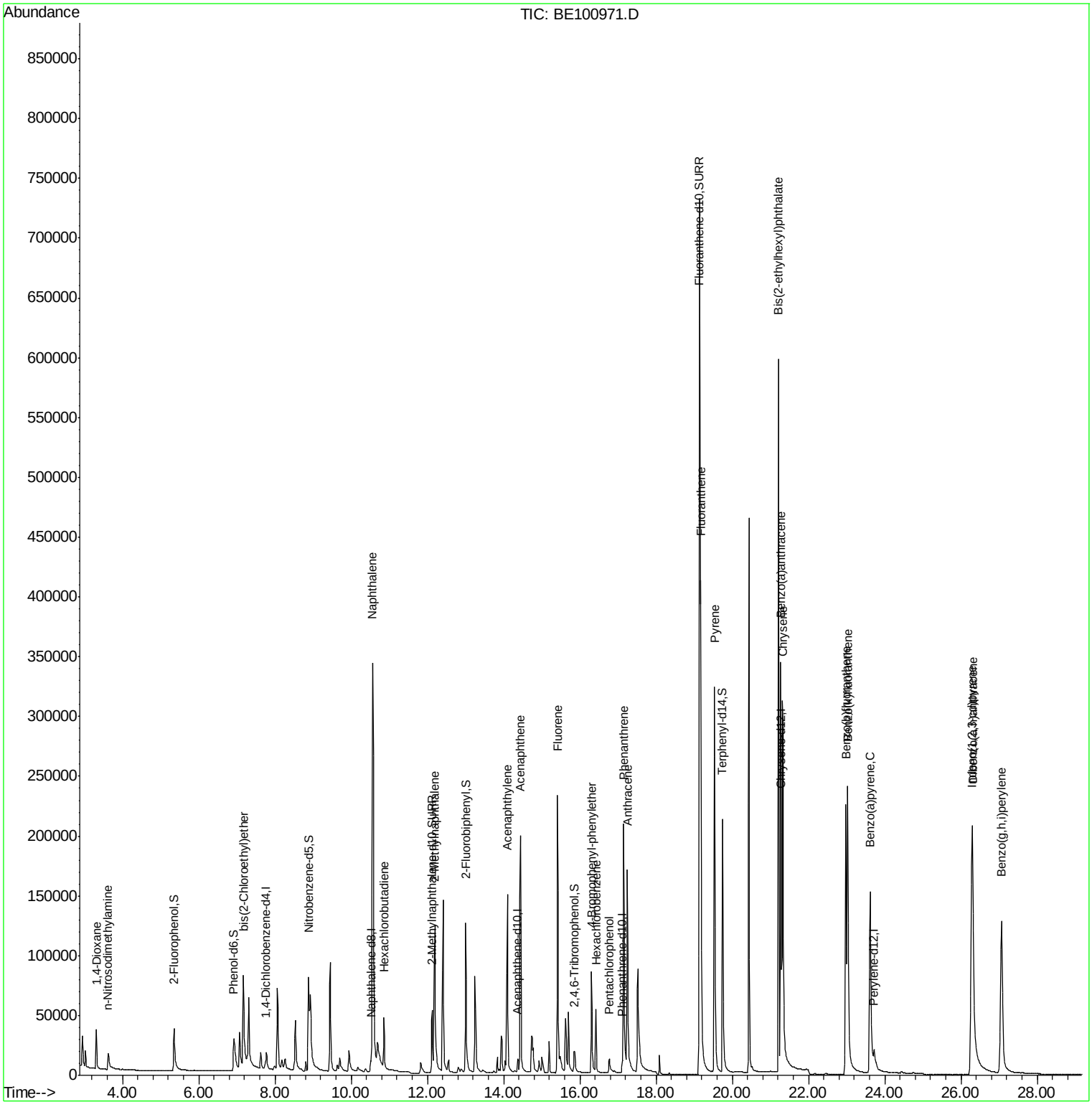
(#) = qualifier out of range (m) = manual integration (+) = signals summed

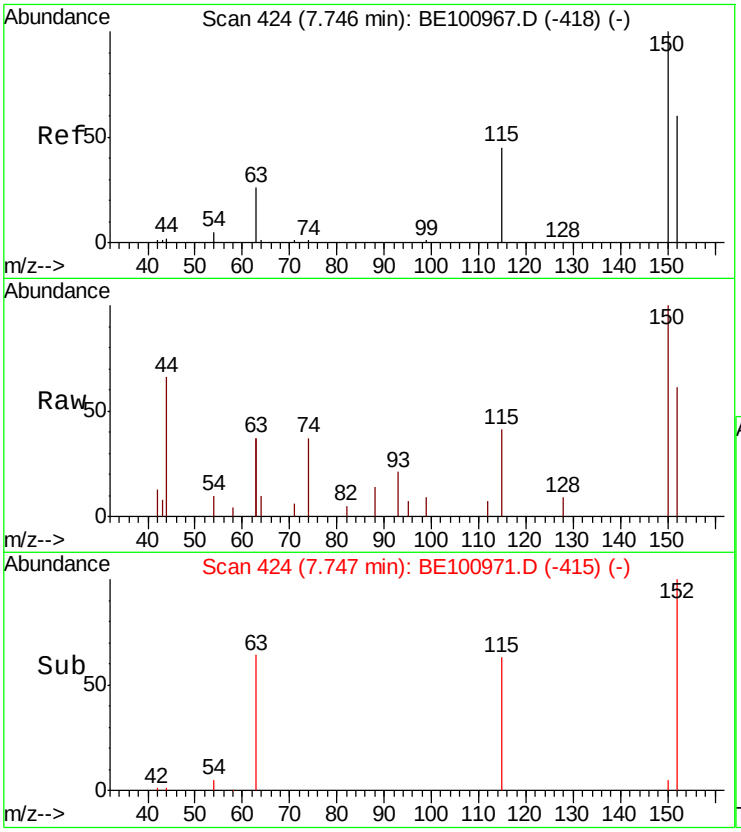
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
Data File : BE100971.D
Acq On : 24 Dec 2019 12:55
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Quant Time: Dec 24 13:37:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 11:32:12 2019
Response via : Initial Calibration



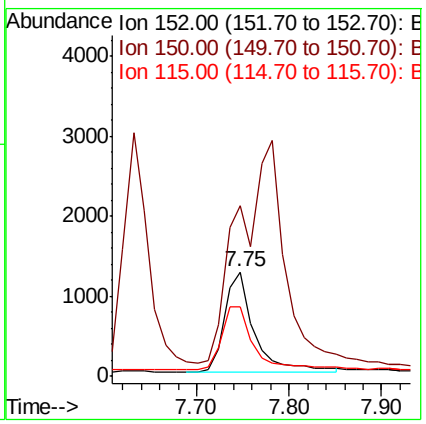


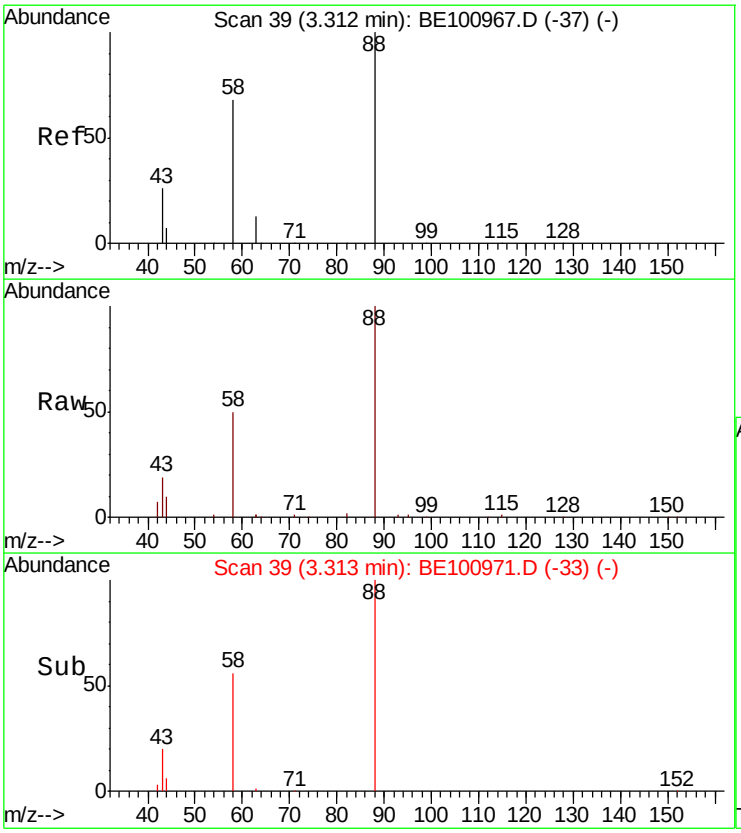
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 2767

Ion	Ratio	Lower	Upper
152	100		
150	164.0	132.6	199.0
115	66.7	64.1	96.1

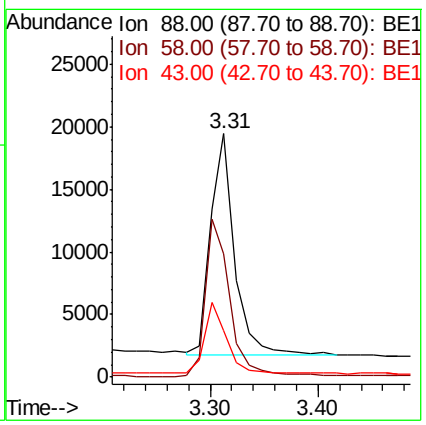


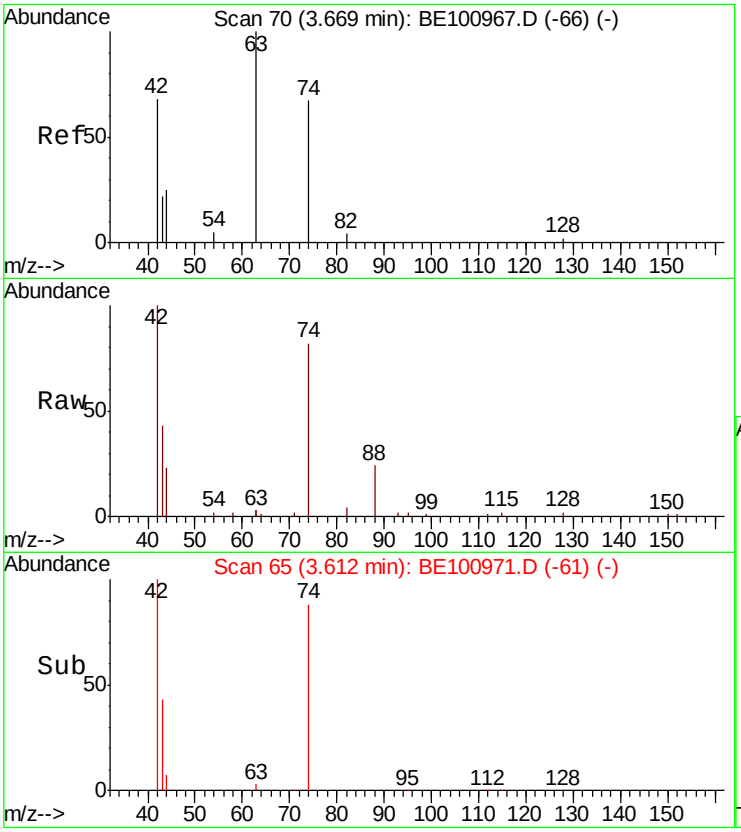


#2
1,4-Dioxane
Concen: 2.570 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion: 88 Resp: 27091

Ion	Ratio	Lower	Upper
88	100		
58	73.0	44.2	66.4#
43	29.6	21.0	31.6

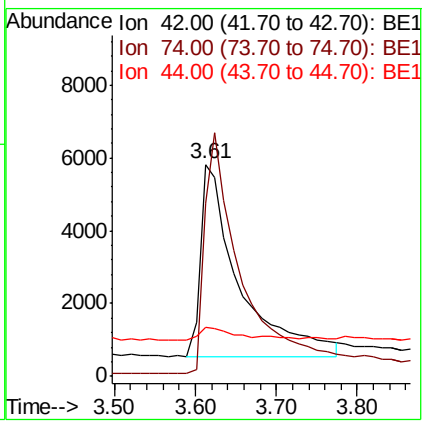




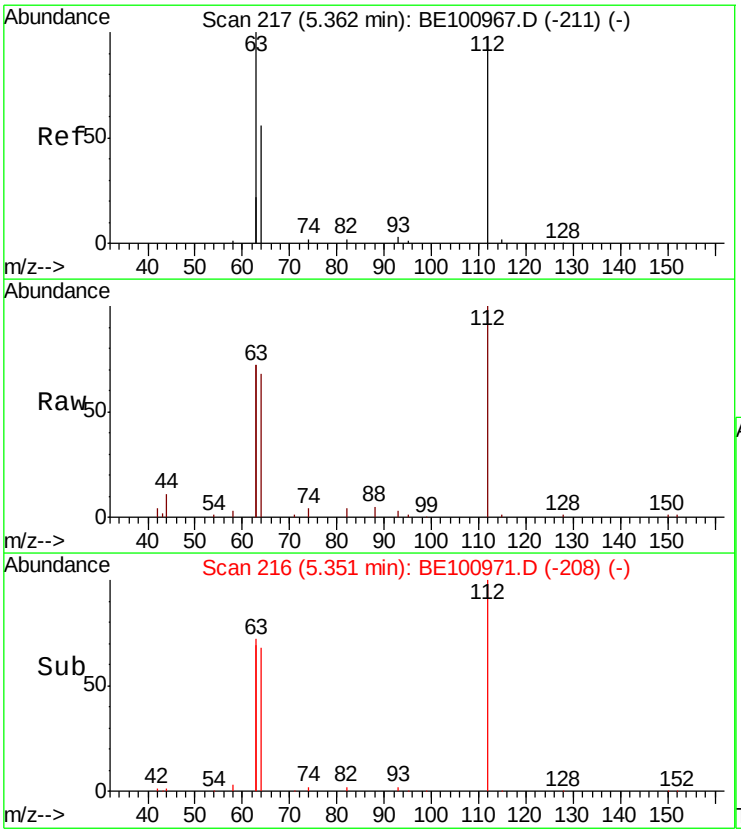
#3
n-Nitrosodimethylamine
Concen: 5.854 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.06 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion: 42 Resp: 17732

Ion	Ratio	Lower	Upper
42	100		
74	123.4	116.6	174.8
44	7.4	0.0	0.0#



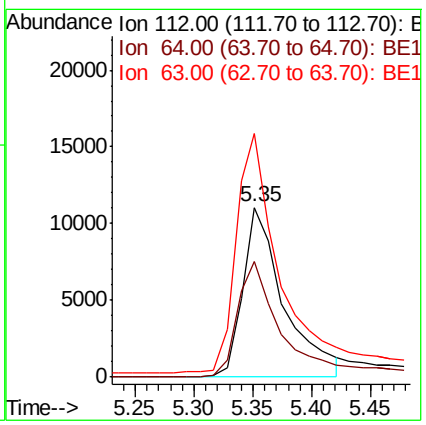
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

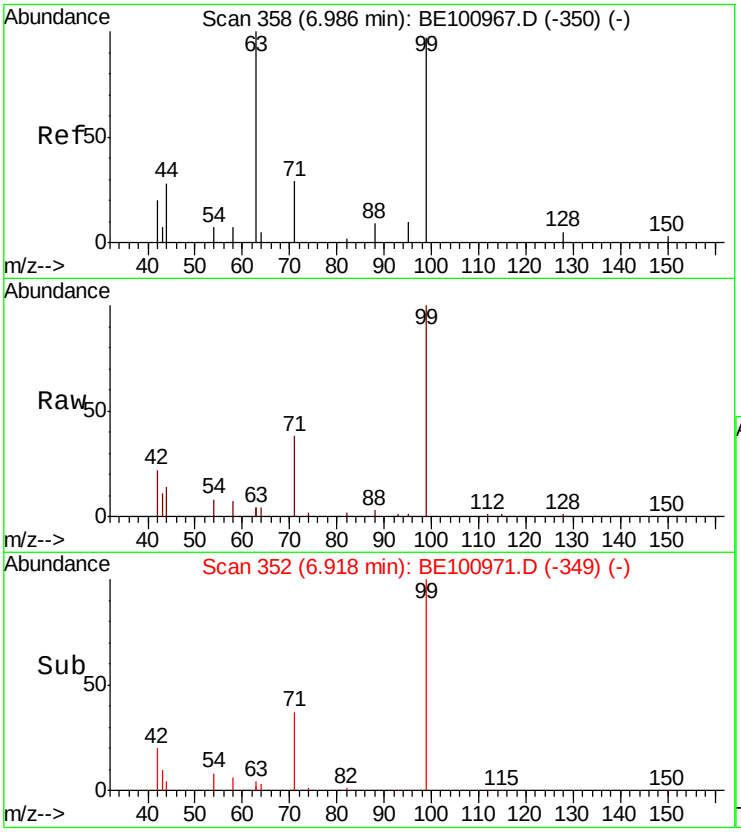


#4
2-Fluorophenol
Concen: 5.362 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:112 Resp: 26468

Ion	Ratio	Lower	Upper
112	100		
64	68.9	59.0	88.6
63	147.2	121.4	182.0



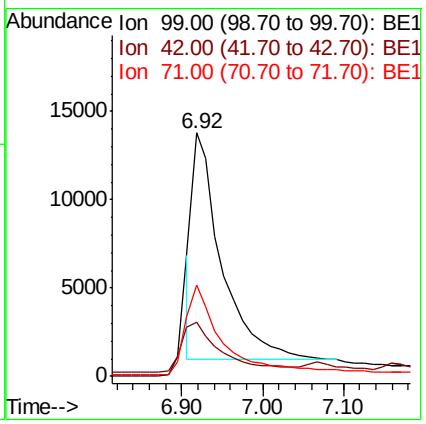


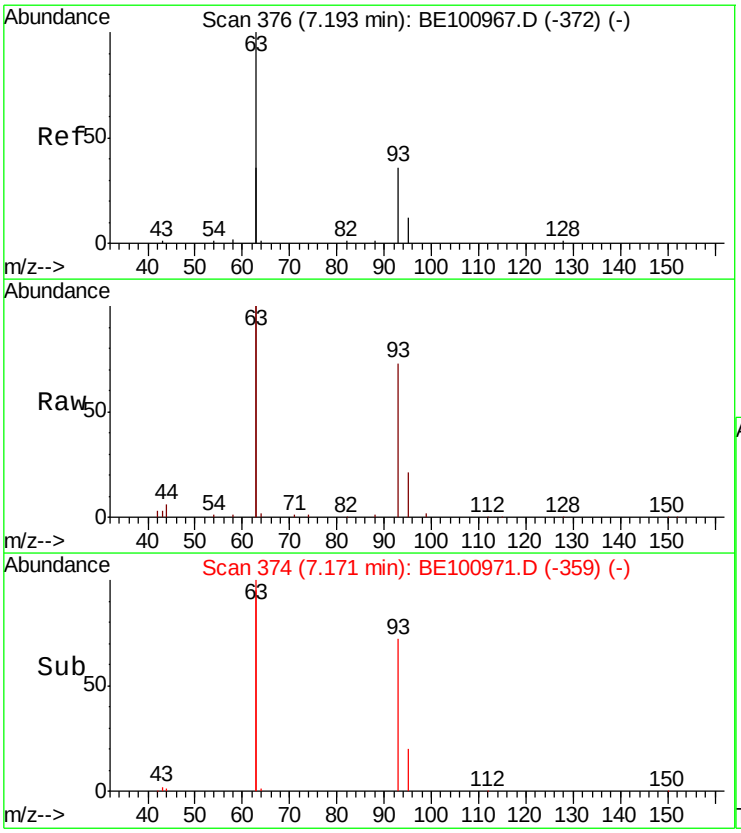
#5
Phenol-d6
Concen: 5.291 ng
RT: 6.92 min Scan# 352
Delta R.T. -0.07 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 31866

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	33.6	0.0	0.0#

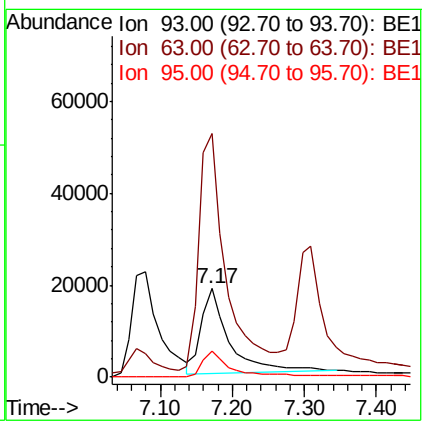


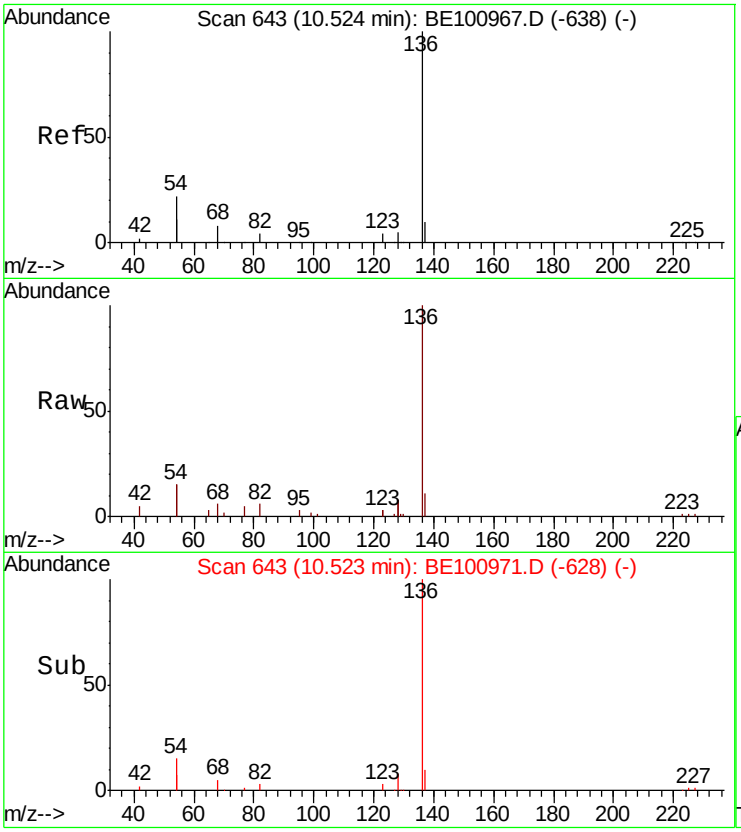


#6
bis(2-Chloroethyl)ether
Concen: 7.157 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.02 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion: 93 Resp: 50621

Ion	Ratio	Lower	Upper
93	100		
63	260.9	228.3	342.5
95	29.1	25.9	38.9



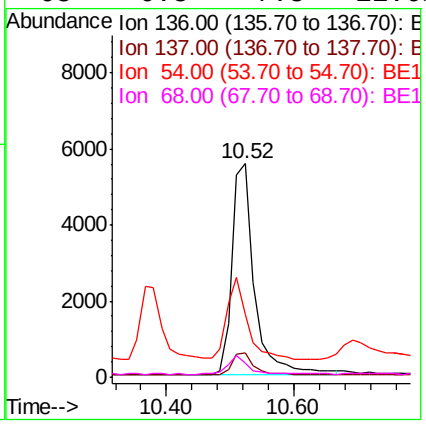


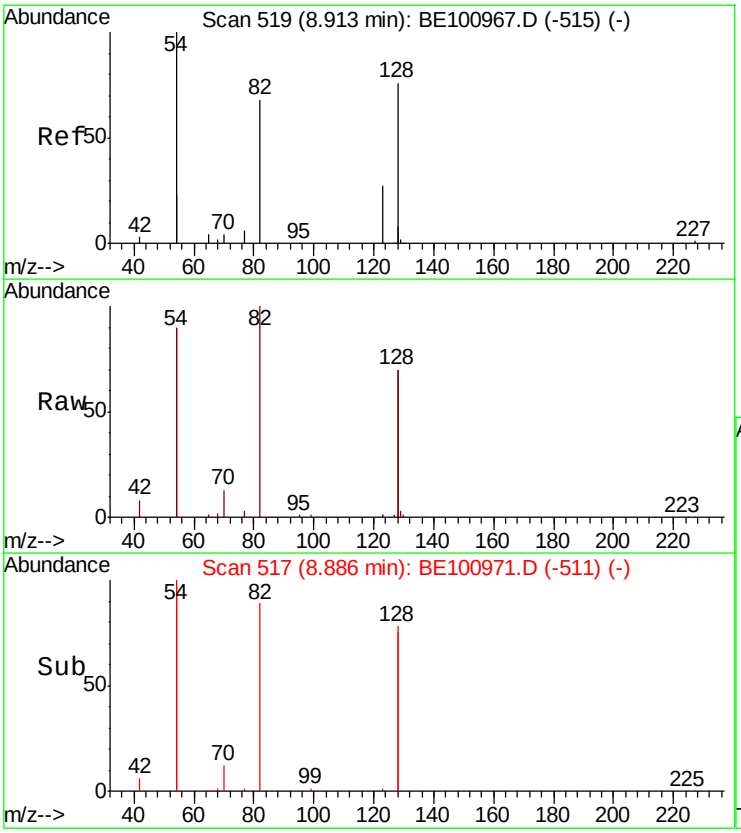
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 13673

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	29.6	34.4	51.6#
68	6.3	7.8	11.6#

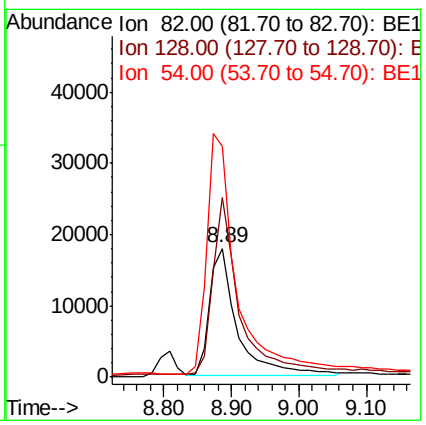


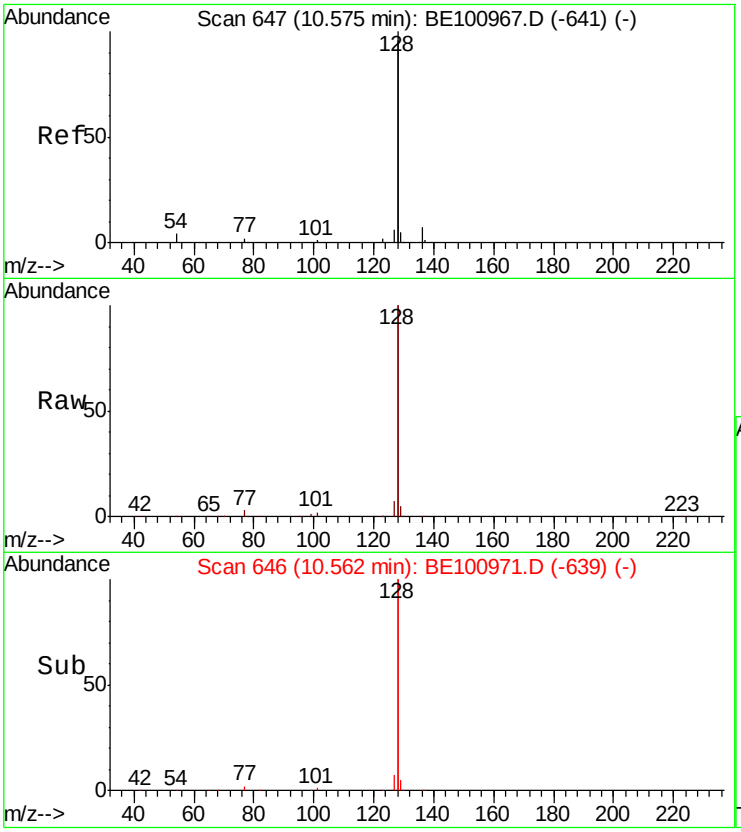


#8
Nitrobenzene-d5
Concen: 7.010 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.03 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion: 82 Resp: 50665

Ion	Ratio	Lower	Upper
82	100		
128	139.4	140.2	210.2#
54	179.6	183.8	275.6#



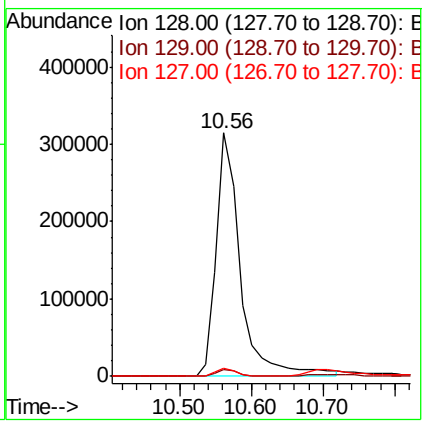


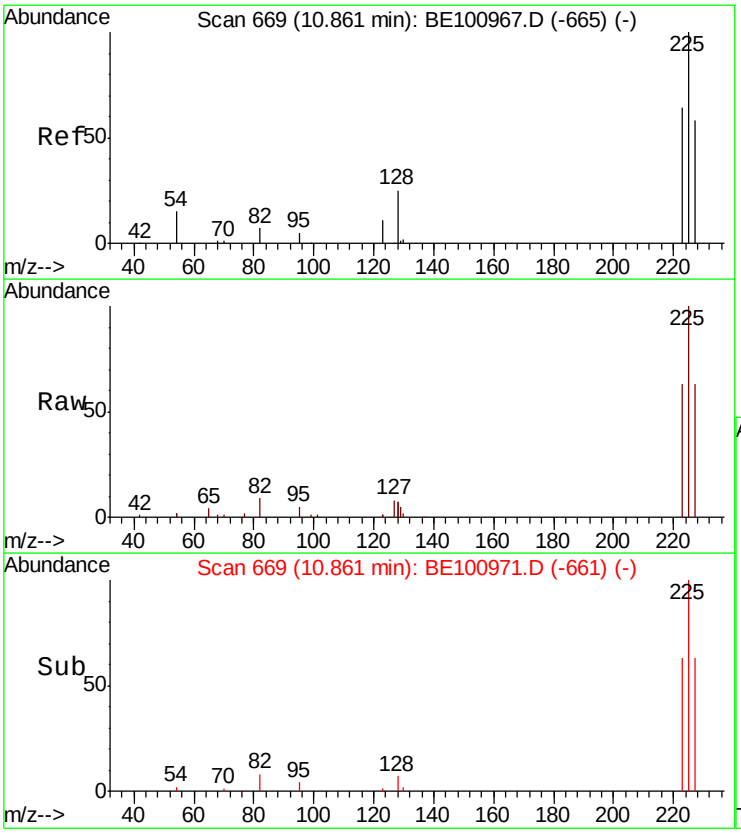
#9
Naphthalene
Concen: 4.967 ng
RT: 10.56 min Scan# 646
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 733610

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.3	2.8	4.2

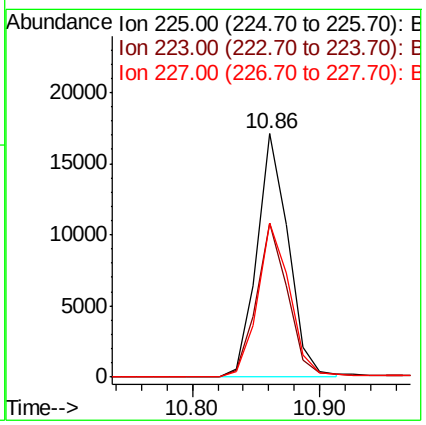


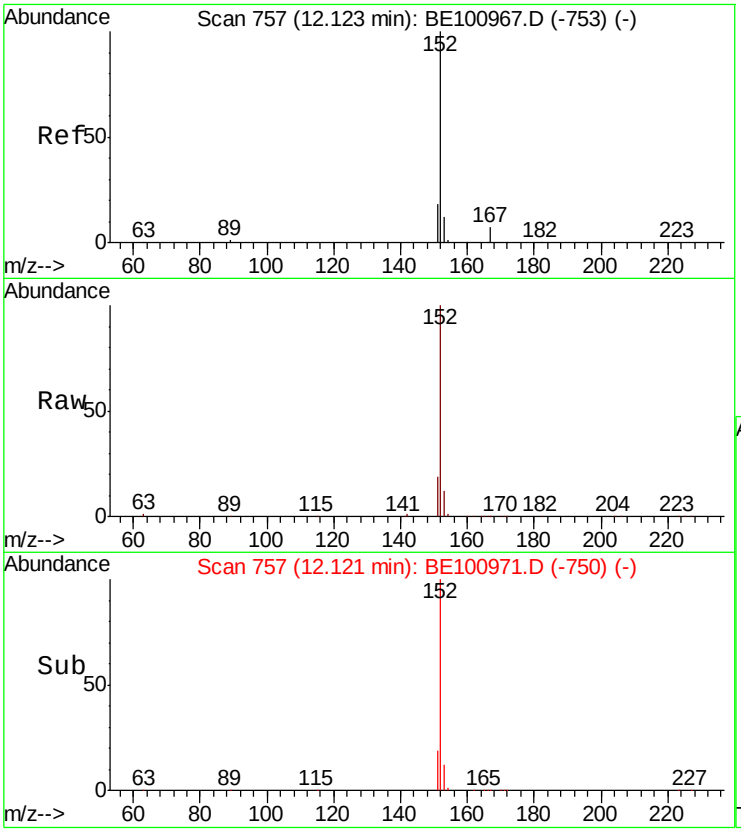


#10
Hexachlorobutadiene
Concen: 4.604 ng
RT: 10.86 min Scan# 669
Delta R.T. -0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:225 Resp: 29061

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.0
227	63.8	50.2	75.2



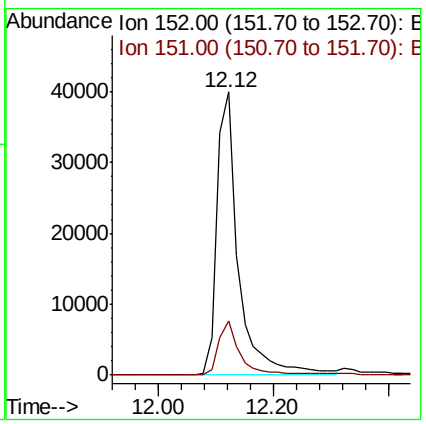


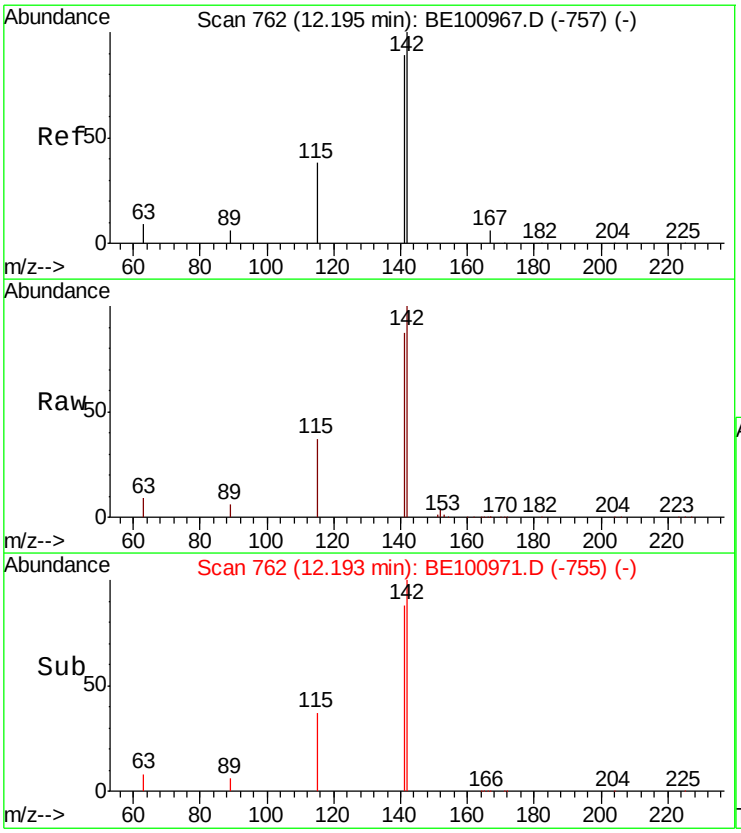
#11
2-Methylnaphthalene-d10
Concen: 5.007 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 103048

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

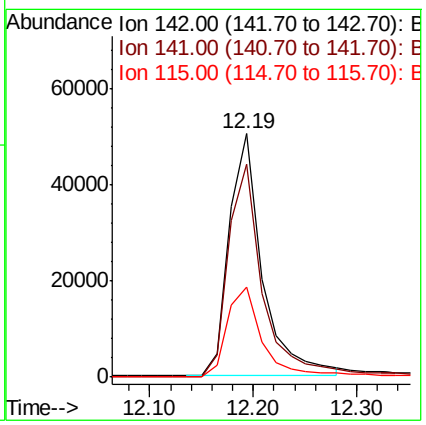


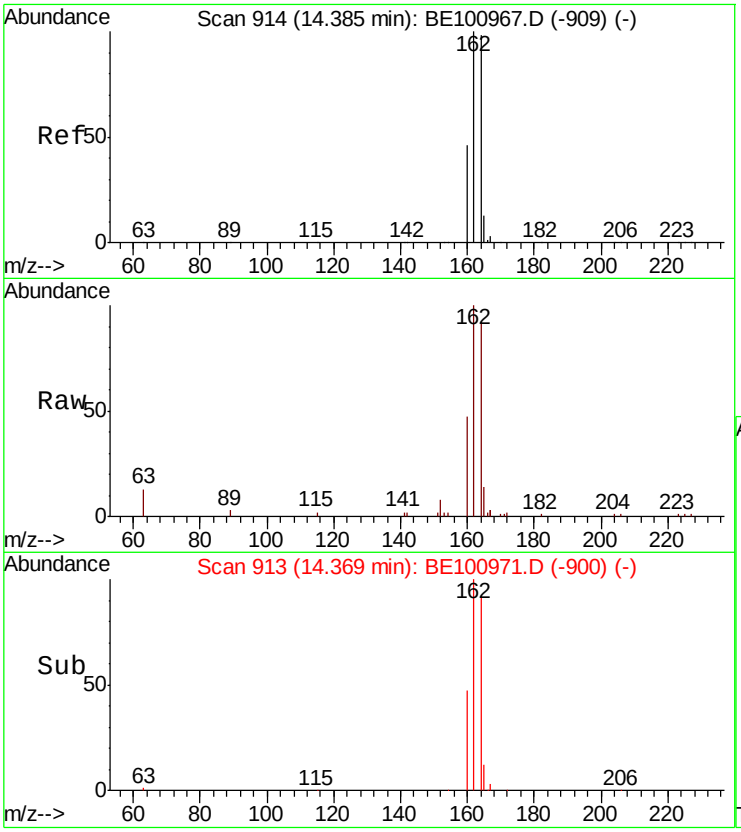


#12
2-Methylnaphthalene
Concen: 5.417 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:142 Resp: 112565

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.8	106.2
115	36.8	32.0	48.0



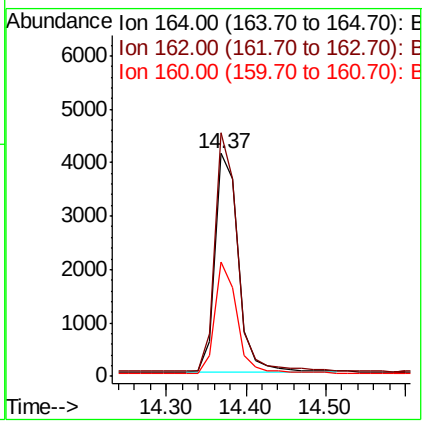


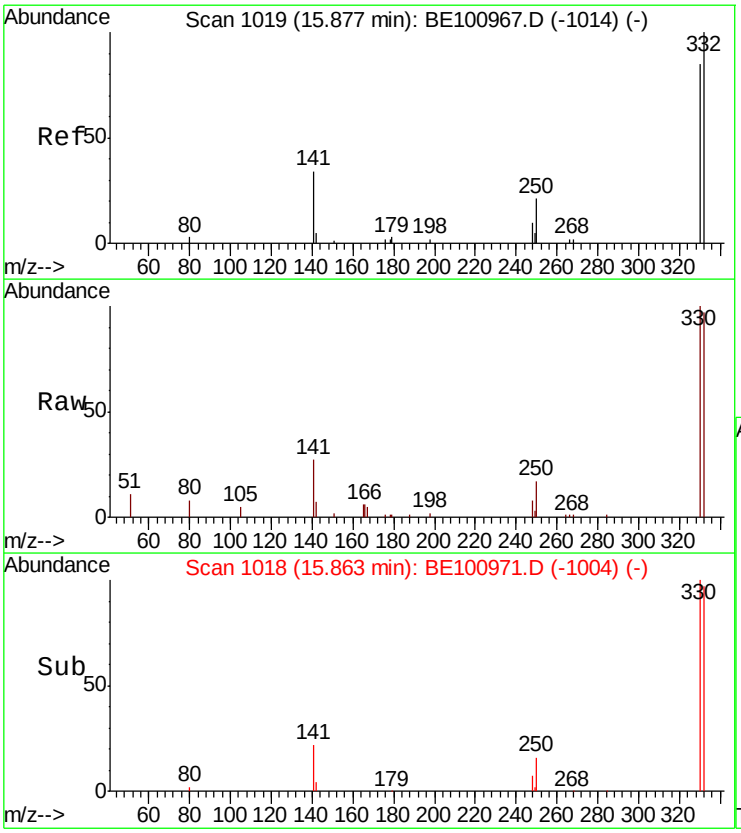
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.02 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 8357

Ion	Ratio	Lower	Upper
164	100		
162	109.3	81.6	122.4
160	51.4	37.7	56.5

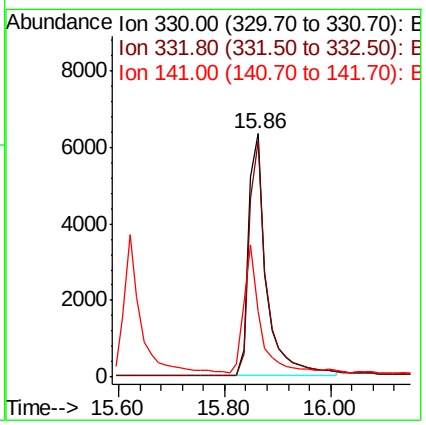


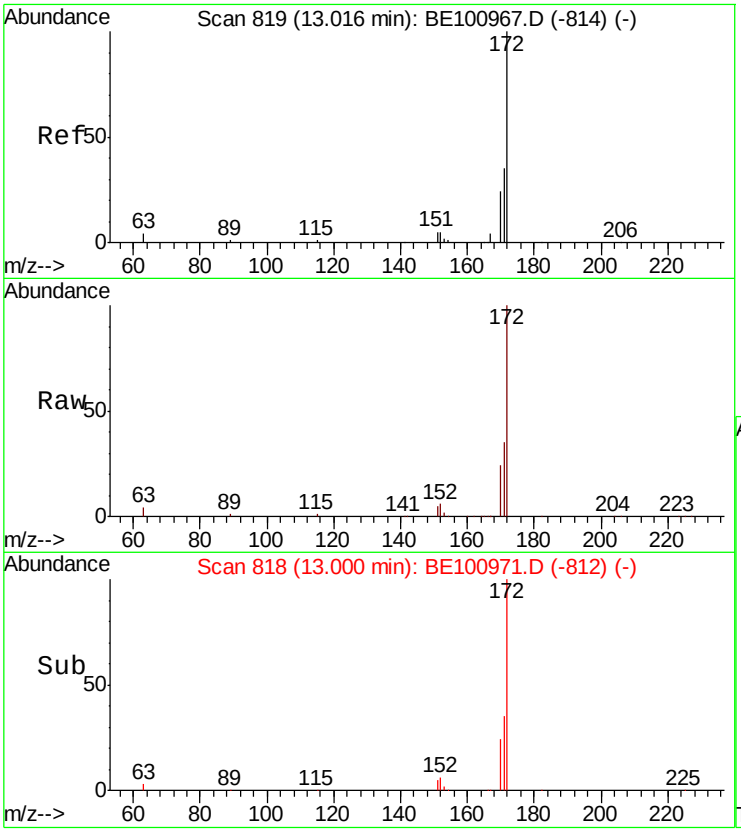


#14
2,4,6-Tribromophenol
Concen: 7.224 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:330 Resp: 14822

Ion	Ratio	Lower	Upper
330	100		
332	95.7	72.4	108.6
141	45.5	25.4	38.2#



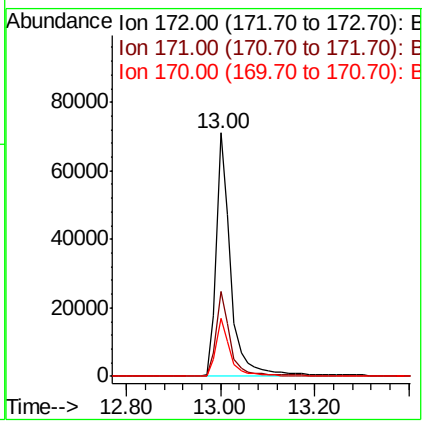


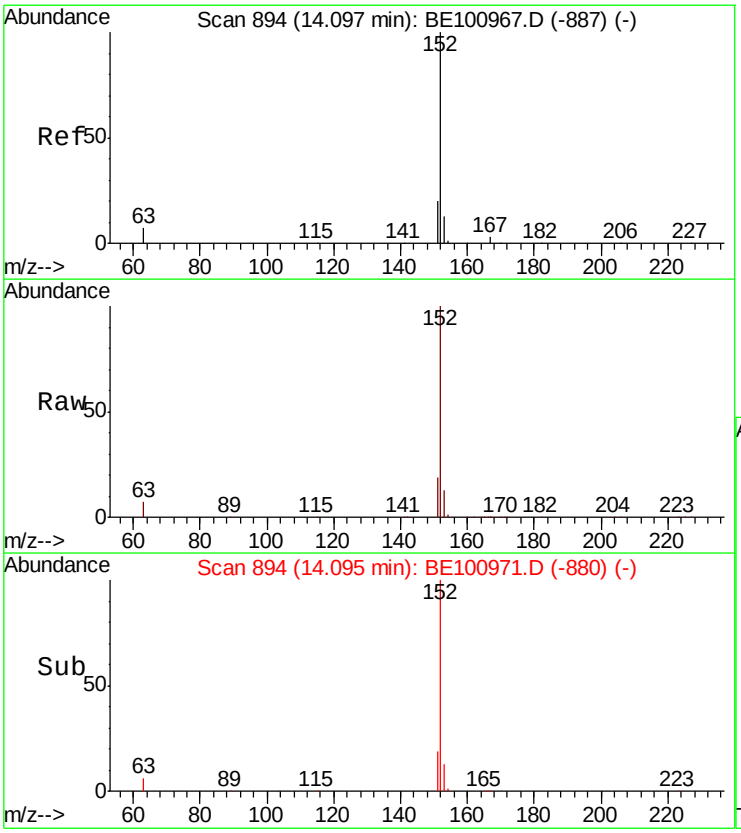
#15
2-Fluorobiphenyl
Concen: 5.127 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.02 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 151585

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.6
170	24.0	20.0	30.0

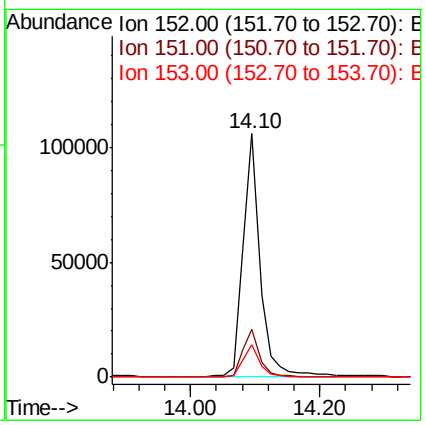


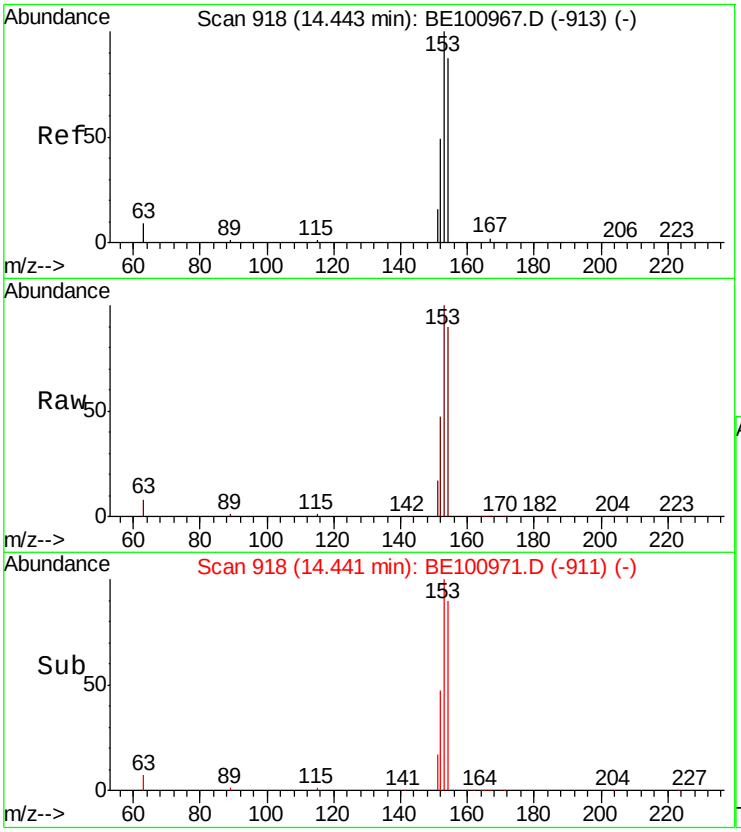


#16
Acenaphthylene
Concen: 5.614 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:152 Resp: 193312

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.1	10.5	15.7



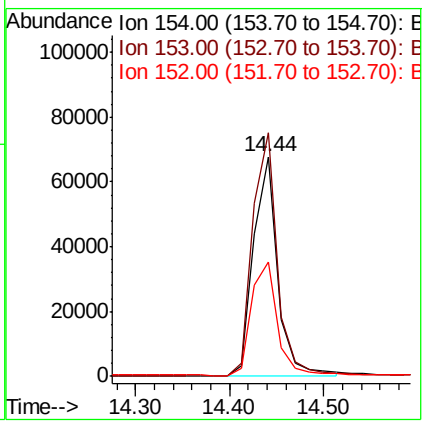


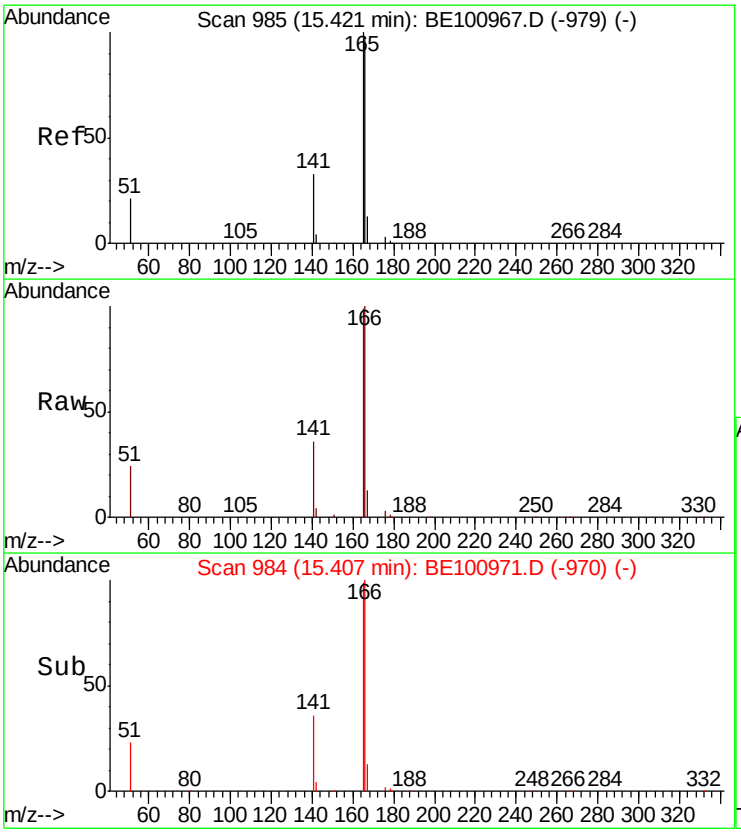
#17
Acenaphthene
Concen: 5.193 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 121605

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.7	137.5
152	55.6	44.5	66.7

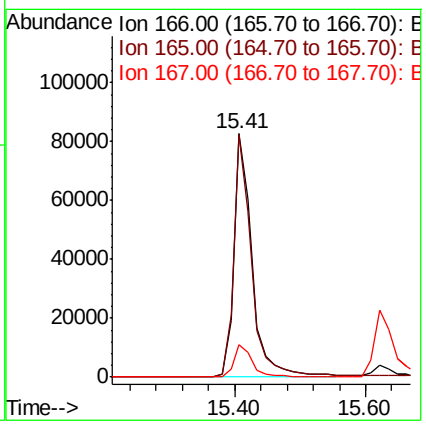


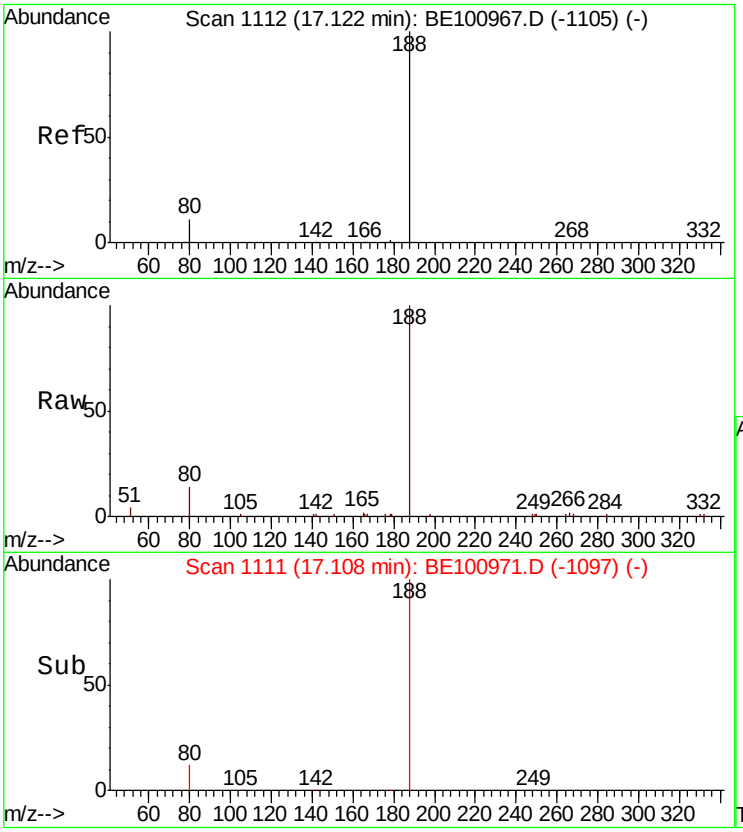


#18
Fluorene
Concen: 5.409 ng
RT: 15.41 min Scan# 984
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:166 Resp: 160284

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.4	119.0
167	13.4	10.6	15.8



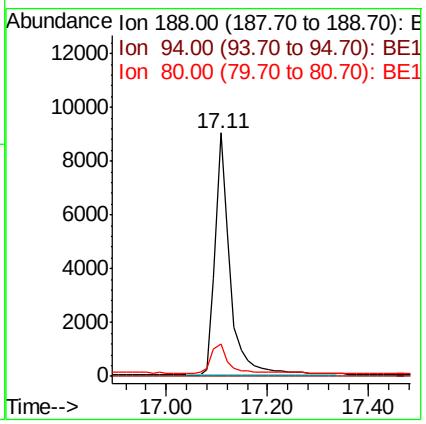


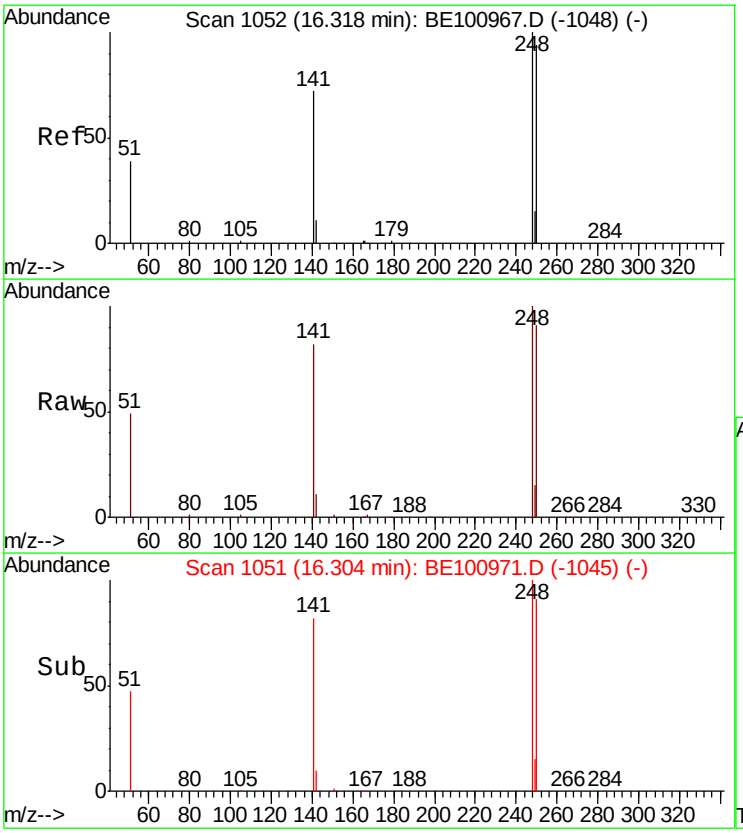
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 18463

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	9.7	14.5

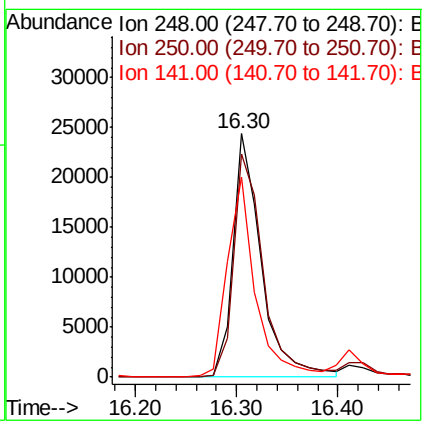


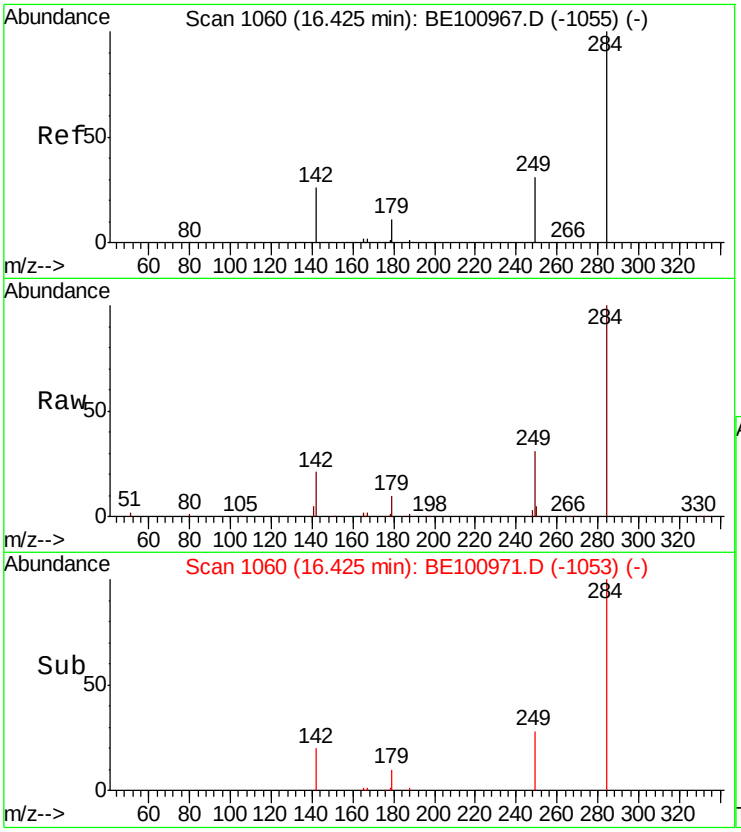


#20
4-Bromophenyl-phenylether
Concen: 5.730 ng
RT: 16.30 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:248 Resp: 47055

Ion	Ratio	Lower	Upper
248	100		
250	91.4	76.0	114.0
141	82.3	61.0	91.6



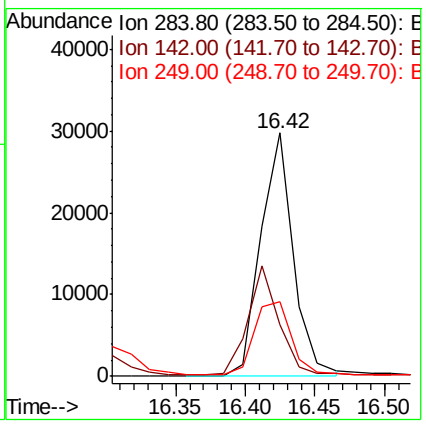


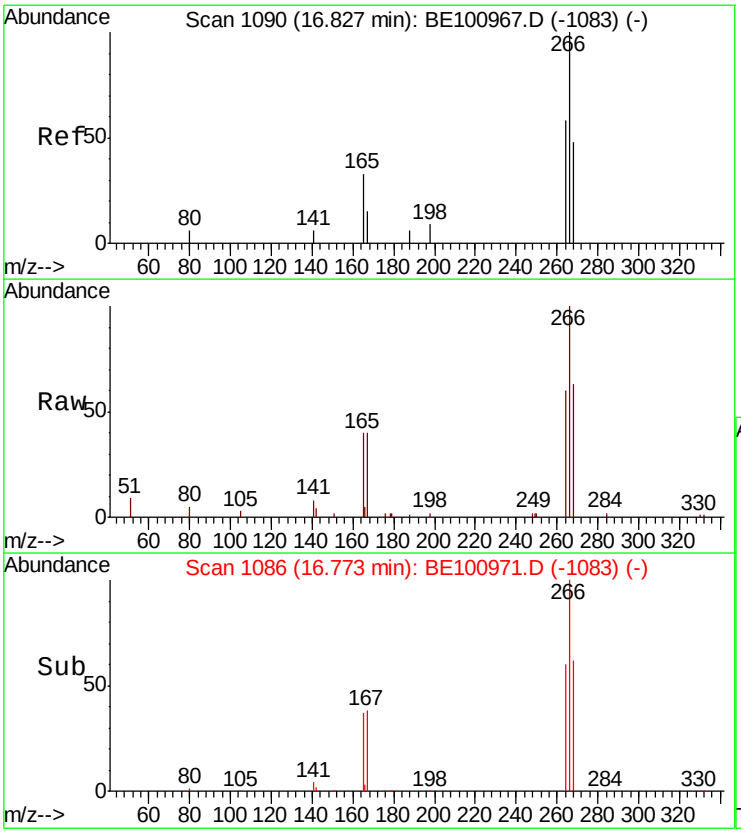
#21
Hexachlorobenzene
Concen: 5.164 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 48337

Ion	Ratio	Lower	Upper
284	100		
142	42.1	33.3	49.9
249	34.0	27.2	40.8

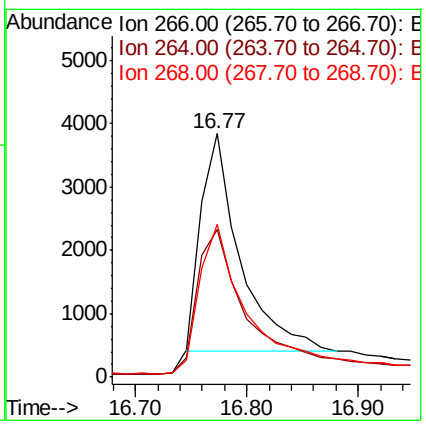


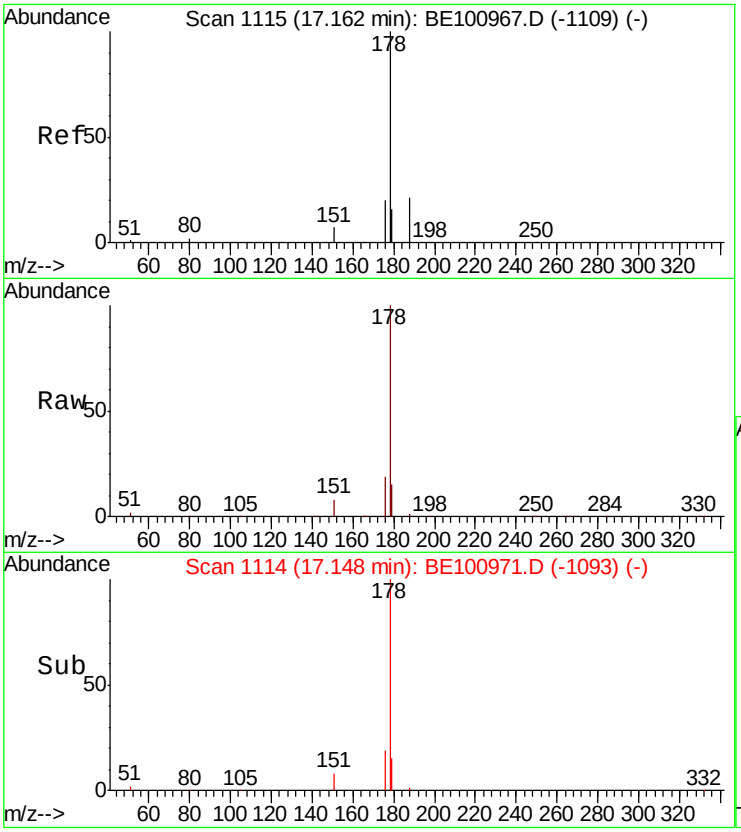


#22
Pentachlorophenol
Concen: 6.060 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.05 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:266 Resp: 8389

Ion	Ratio	Lower	Upper
266	100		
264	60.5	62.3	93.5#
268	62.7	66.1	99.1#



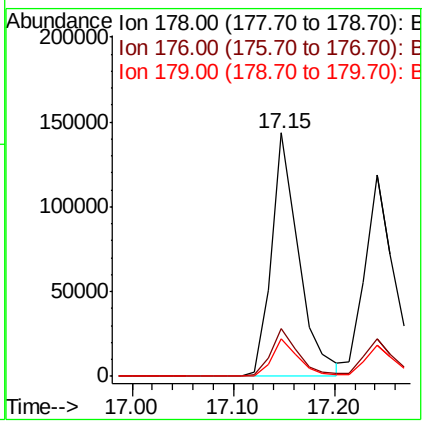


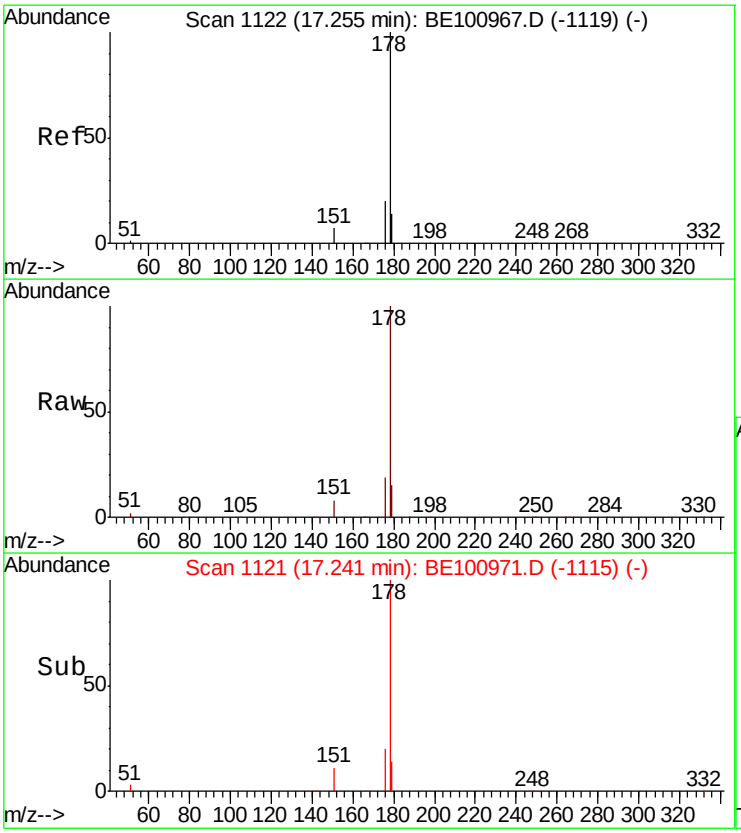
#23
Phenanthrene
Concen: 5.538 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 266505

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.2	12.6	18.8

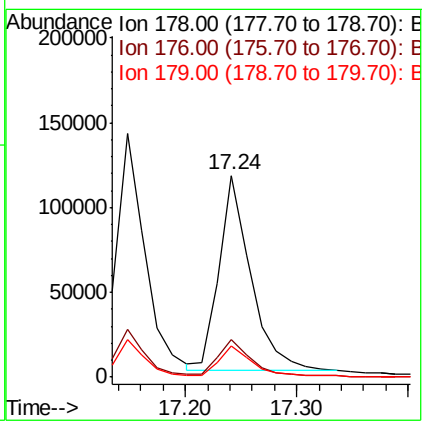


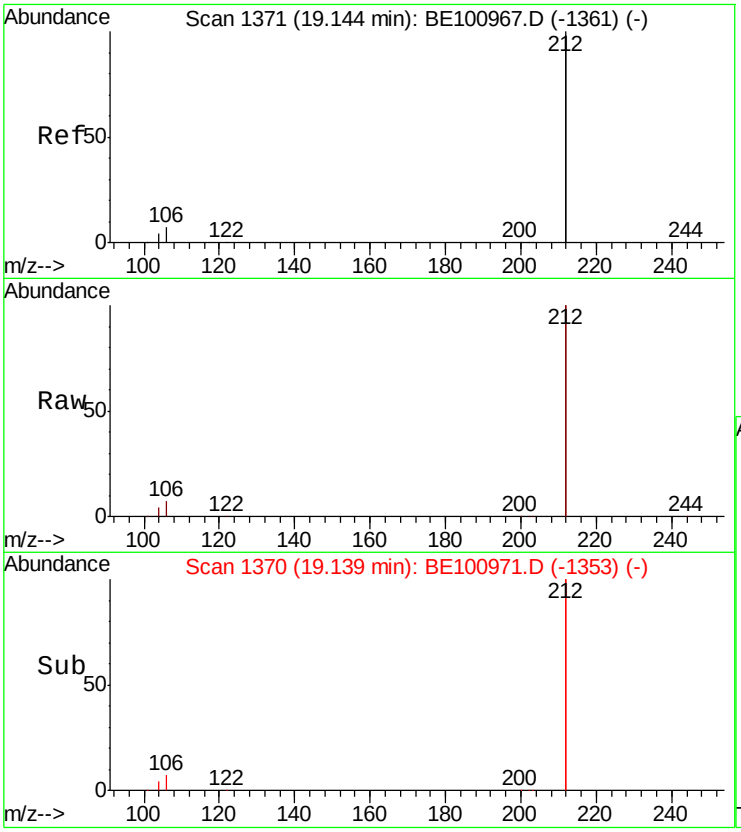


#24
Anthracene
Concen: 7.116 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:178 Resp: 230143

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.5	18.7



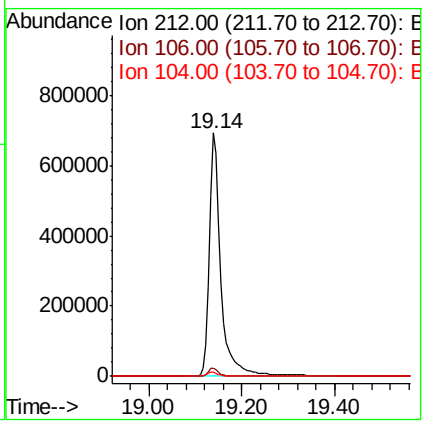


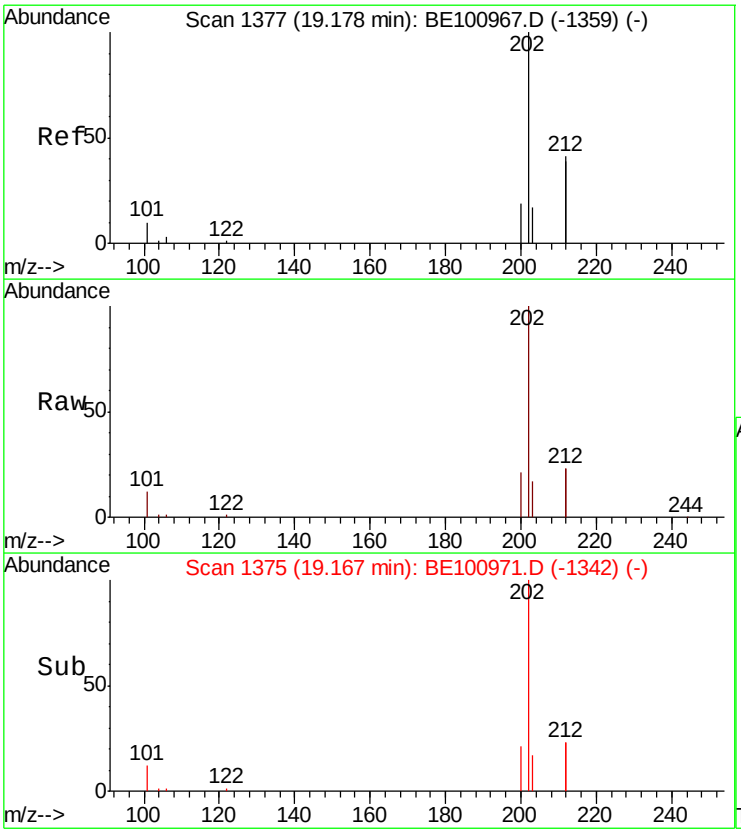
#25
Fluoranthene-d10
Concen: 5.359 ng
RT: 19.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 1238419

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	1.9	1.4	2.0

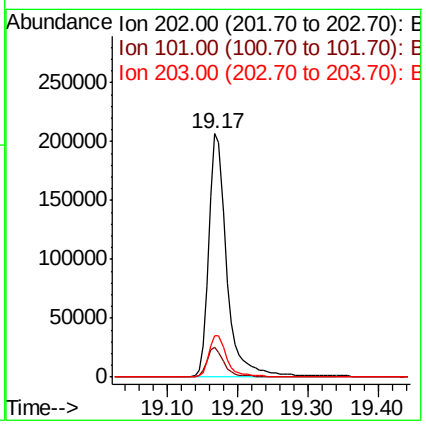


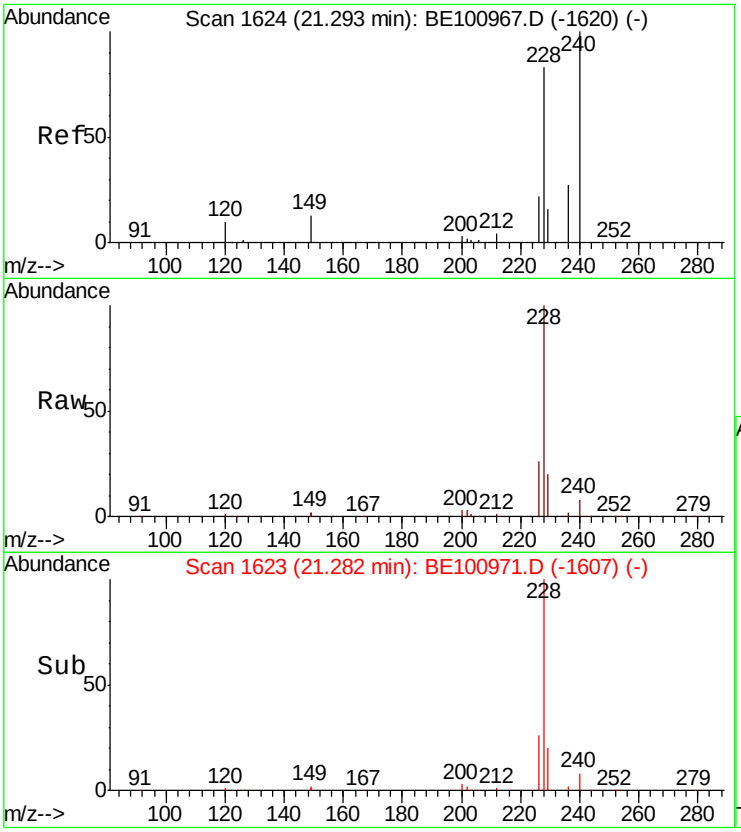


#26
Fluoranthene
Concen: 5.485 ng
RT: 19.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:202 Resp: 366424

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.0	13.4
203	17.0	13.2	19.8



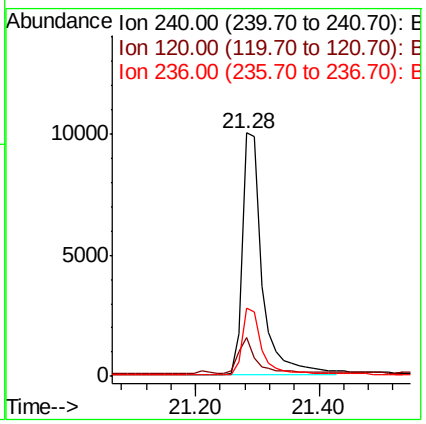


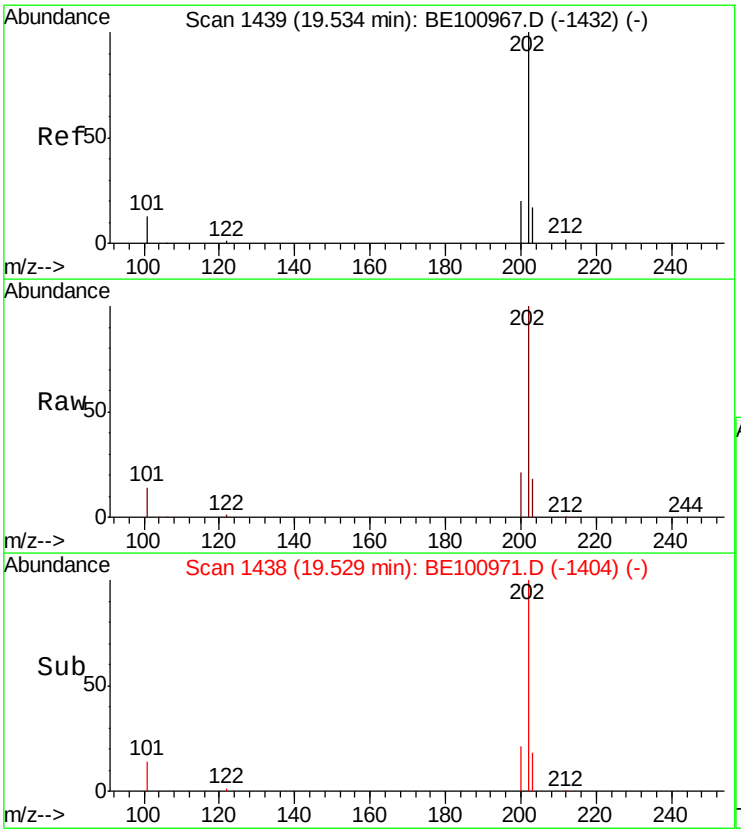
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 22183

Ion	Ratio	Lower	Upper
240	100		
120	15.8	10.2	15.4#
236	28.0	22.6	34.0

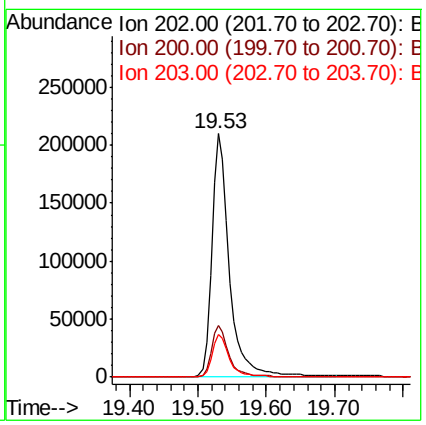


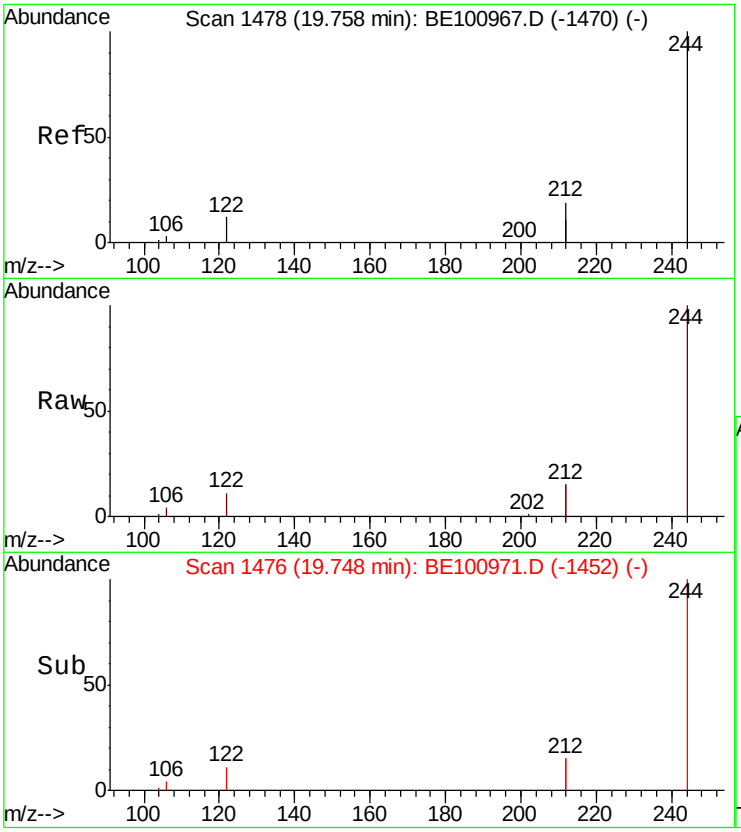


#28
Pyrene
Concen: 4.742 ng
RT: 19.53 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:202 Resp: 376039

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.6	13.8	20.6



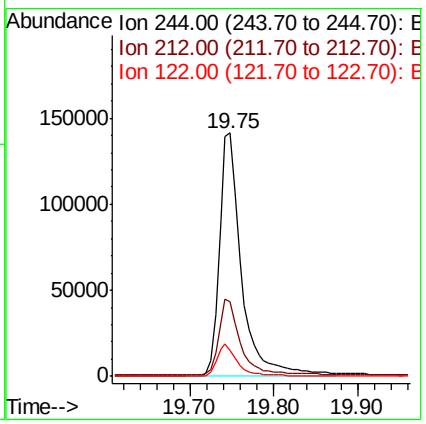


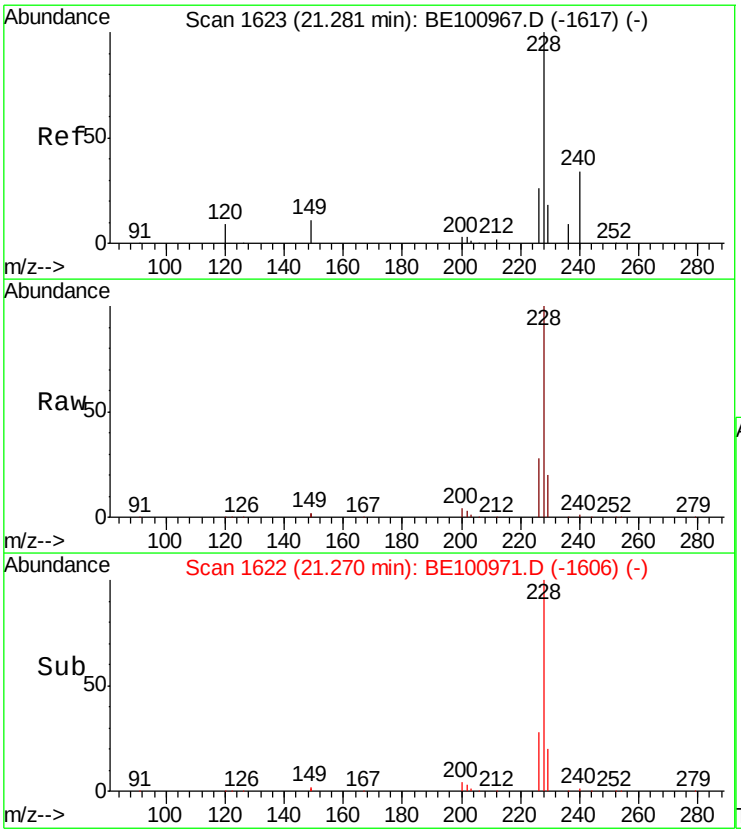
#29
Terphenyl-d14
Concen: 5.151 ng
RT: 19.75 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 260639

Ion	Ratio	Lower	Upper
244	100		
212	30.7	29.3	43.9
122	10.9	10.2	15.4

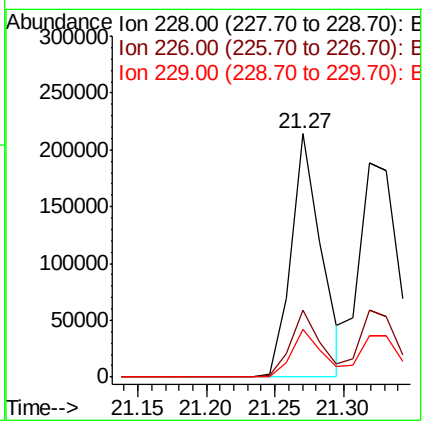


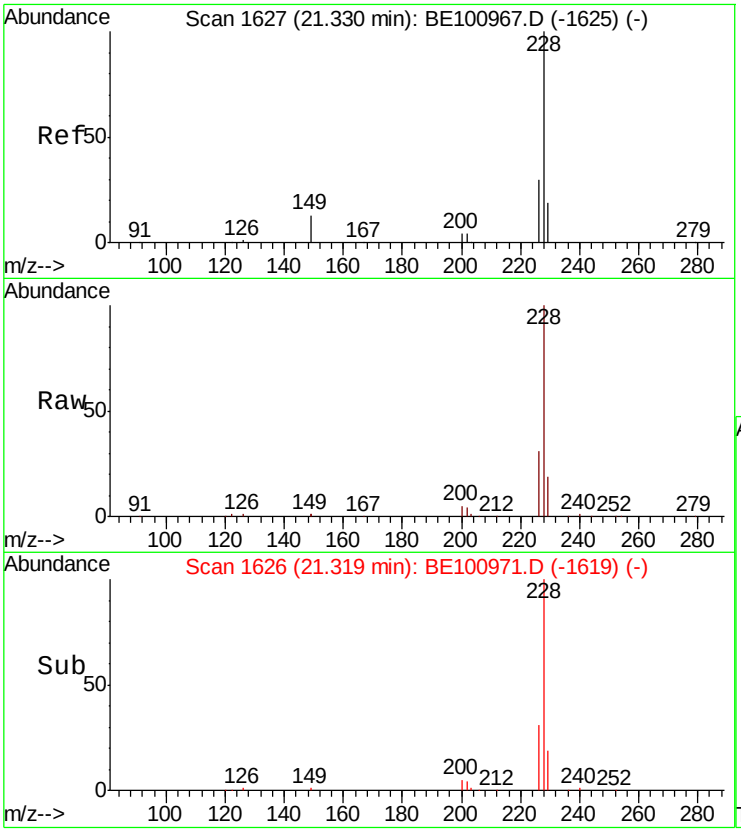


#30
Benzo(a)anthracene
Concen: 5.638 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:228 Resp: 327838

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	19.7	15.4	23.0



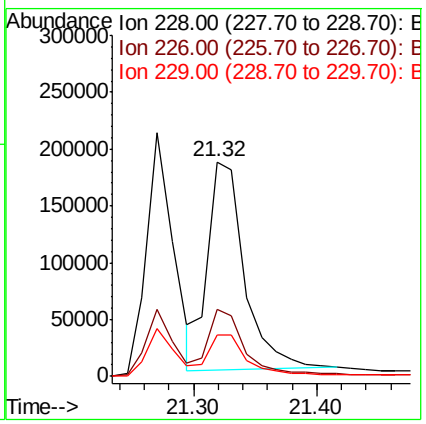


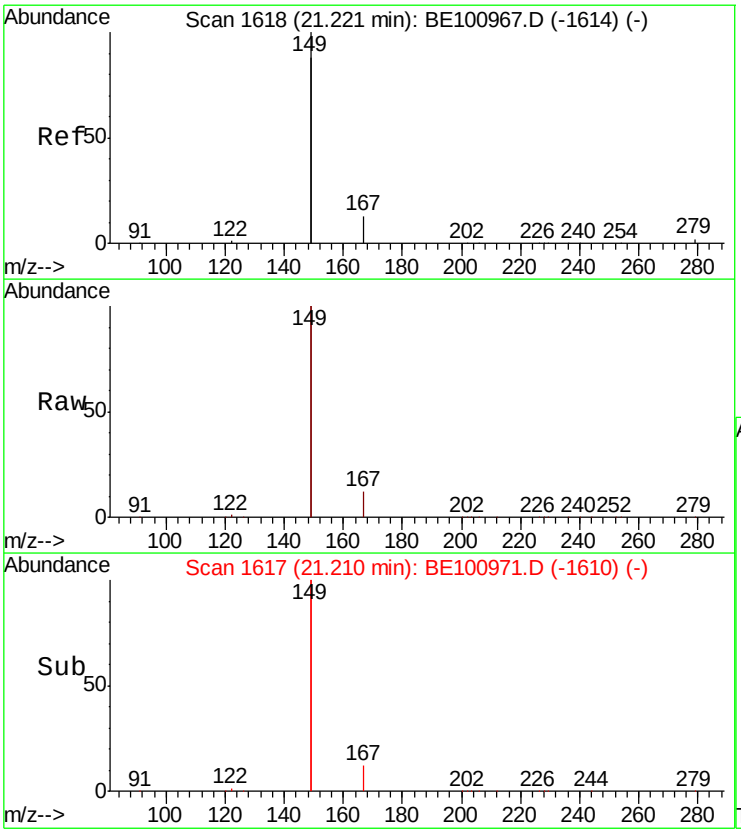
#31
Chrysene
Concen: 5.249 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 384630

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.6	35.4
229	19.1	15.7	23.5

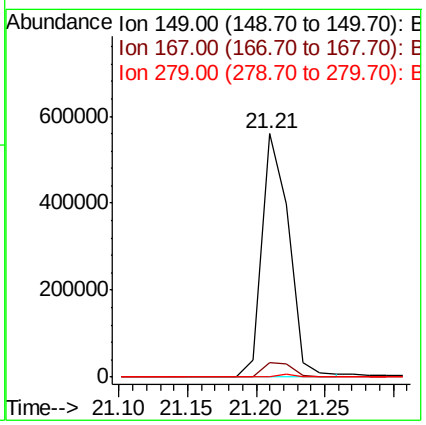


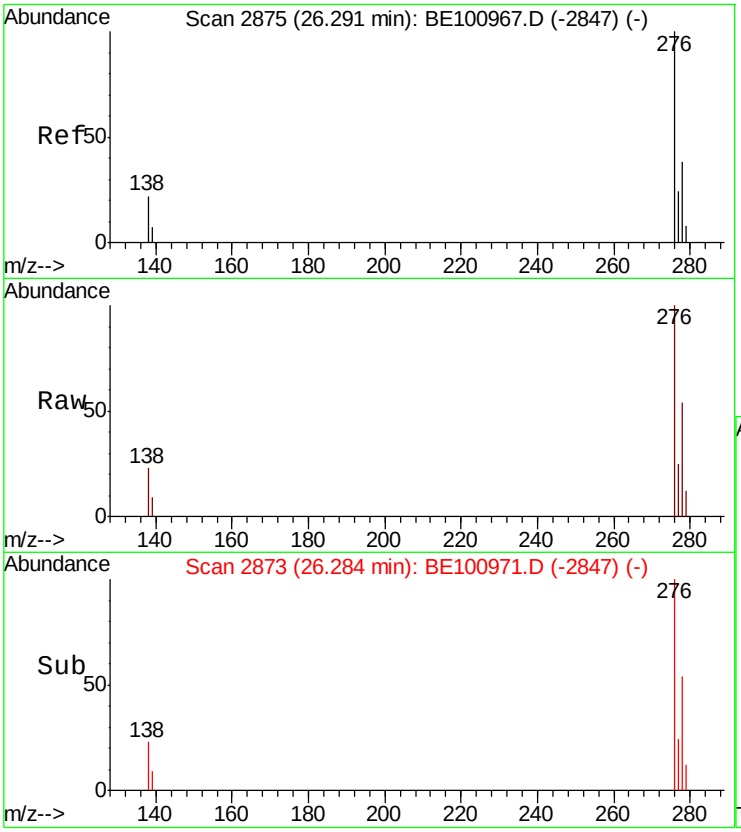


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.119 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:149 Resp: 753590

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.1	7.7
279	0.8	0.6	1.0



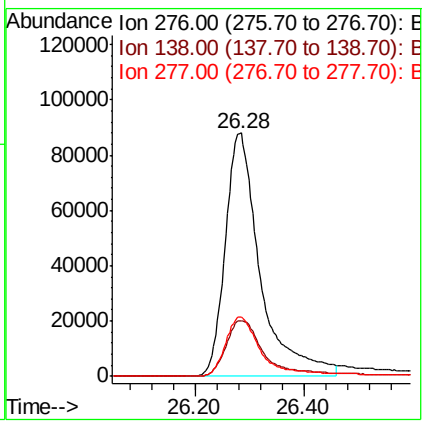


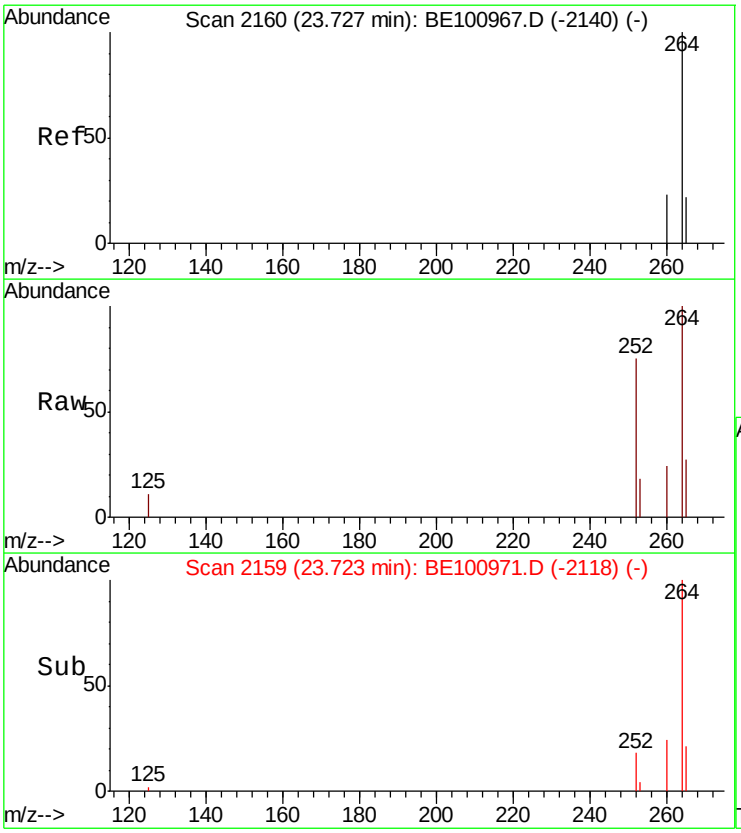
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.154 ng
RT: 26.28 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 395181

Ion	Ratio	Lower	Upper
276	100		
138	24.9	14.8	22.2#
277	24.9	18.0	27.0

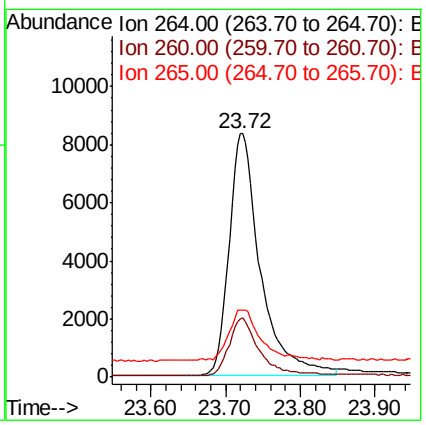


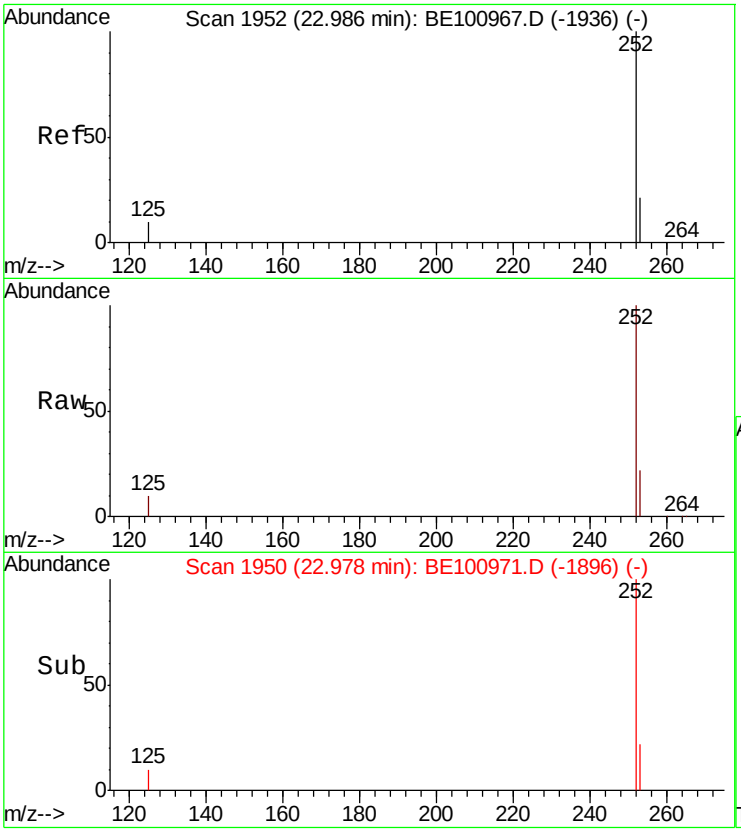


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:264 Resp: 24276

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	27.5	26.6	40.0



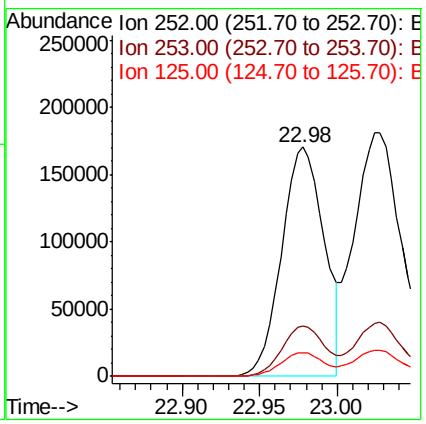


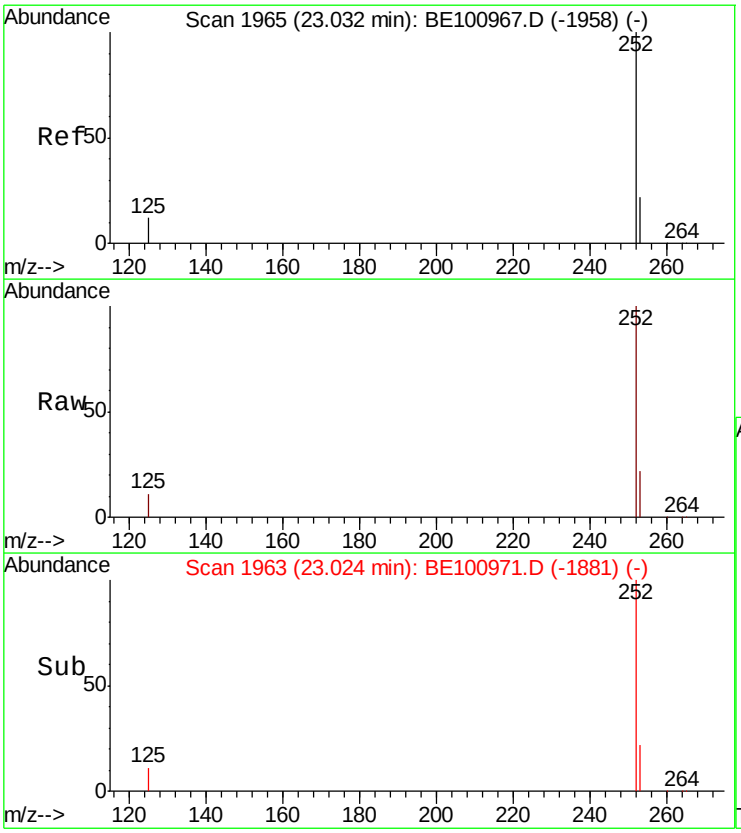
#35
Benzo(b)fluoranthene
Concen: 6.021 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 324148

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.5	9.7	14.5

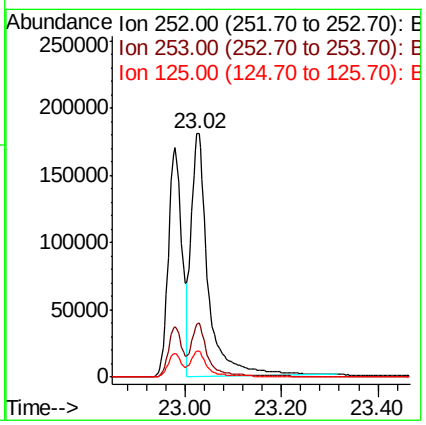


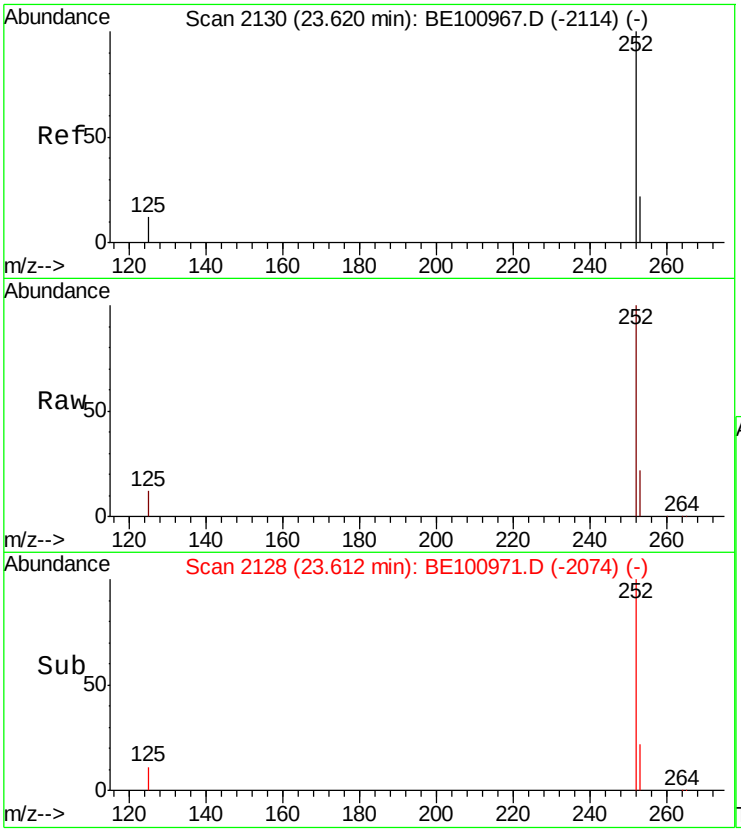


#36
Benzo(k)fluoranthene
Concen: 6.214 ng
RT: 23.02 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:252 Resp: 446430

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	10.9	11.2	16.8#



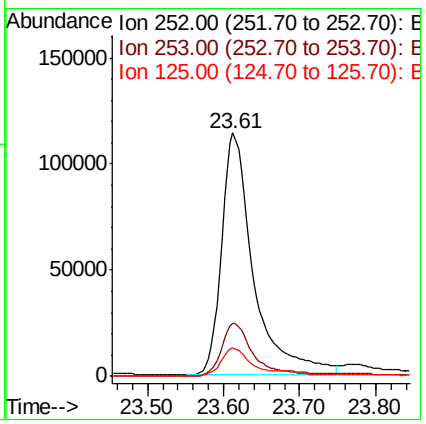


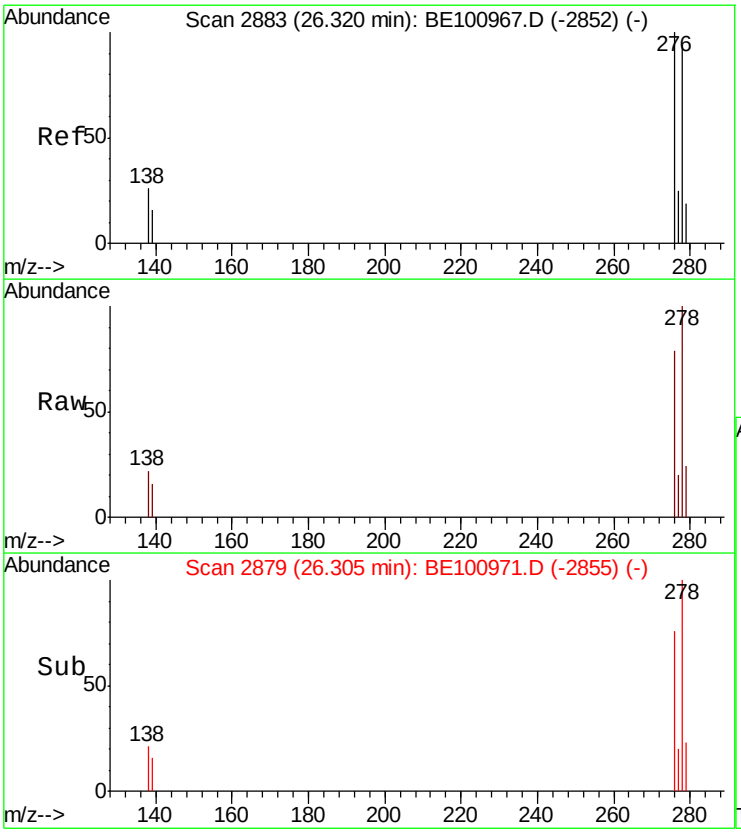
#37
Benzo(a)pyrene
Concen: 5.405 ng
RT: 23.61 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 331404

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.1	30.1
125	11.5	12.6	18.8#

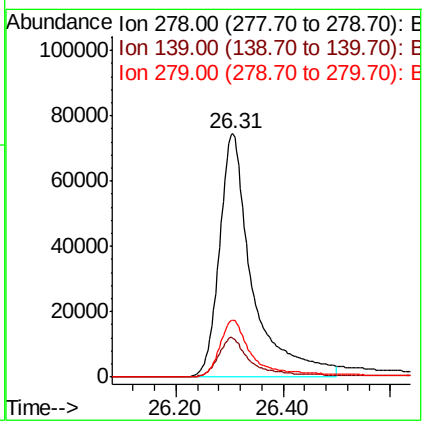


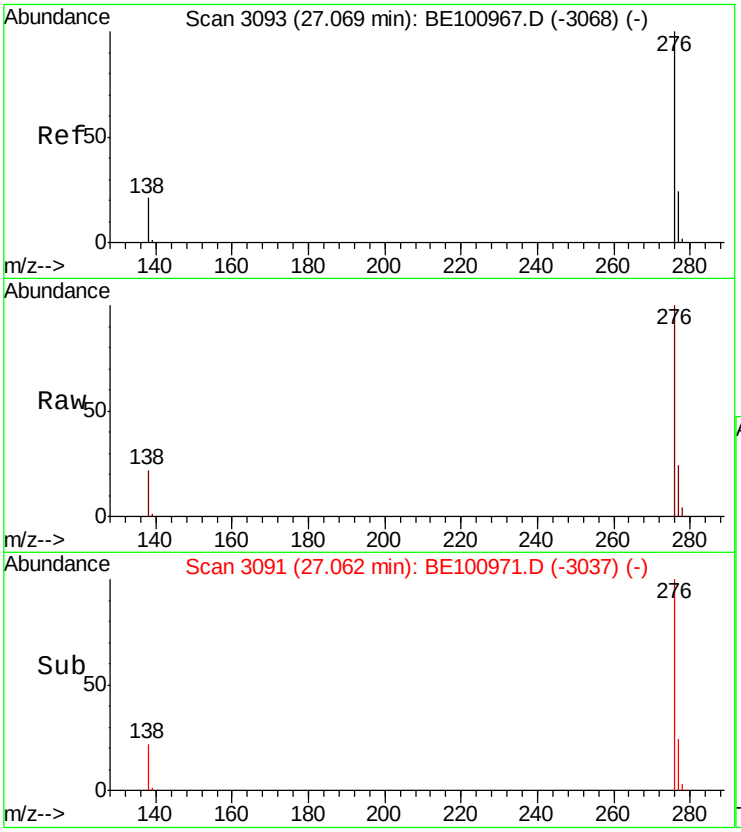


#38
Dibenzo(a,h)anthracene
Concen: 6.124 ng
RT: 26.31 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Tgt Ion:278 Resp: 316269

Ion	Ratio	Lower	Upper
278	100		
139	16.2	16.4	24.6#
279	23.5	19.3	28.9





#39
Benzo(g,h,i)perylene
Concen: 5.425 ng
RT: 27.06 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BE100971.D
Acq: 24 Dec 2019 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 346263

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.0	30.0
138	21.9	18.6	27.8